

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059700.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 2:46
 Operator : SM/AJ
 Sample : PB122471BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122471BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 03:38:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.128	3.500	1014984	851056	28.989	23.643
2)	SA Decachlor...	9.603	8.362	1248729	979618	23.472	24.295
Target Compounds							
3)	L1 AR-1016-1	5.278	4.551	428729	329425	267.308	243.669
4)	L1 AR-1016-2	5.299	4.567	653301	491793	273.063	245.527
5)	L1 AR-1016-3	5.360	4.740	417536	262049	280.315	242.221
6)	L1 AR-1016-4	5.458	4.780	353475	215974	292.188	239.176
7)	L1 AR-1016-5	5.745	4.988	367991	260668	286.566	226.289
8)	L2 AR-1221-1	4.377	3.705	941	31336	2.223	78.069 #
9)	L2 AR-1221-2	4.463	3.790	571	46709	1.758	153.333 #
10)	L2 AR-1221-3	4.500	3.862	223508	164806	212.487	168.436
11)	L3 AR-1232-1	4.500	3.862	223508	164806	179.318	144.550
12)	L3 AR-1232-2	5.055	4.567	3211	491793	4.545	386.151 #
13)	L3 AR-1232-3	5.299	4.740	653301	262049	426.613	384.851
14)	L3 AR-1232-4	5.458	4.821	353475	261290	452.083	428.304
15)	L3 AR-1232-5	5.588	4.988	336637	260668	560.008	382.921 #
16)	L4 AR-1242-1	5.299	4.567	653301	491793	514.606	478.090
17)	L4 AR-1242-2	5.299	4.567	653301	491793	352.060	322.892
18)	L4 AR-1242-3	5.360	4.740	417536	262049	357.223	313.642
19)	L4 AR-1242-4	5.458	4.821	353475	261290	365.207	313.153
20)	L4 AR-1242-5	6.182	5.331	51329	229235	40.848	204.930 #
21)	L5 AR-1248-1	5.278	4.551	428729	329425	427.637	397.845
22)	L5 AR-1248-2	5.544	4.780	320694	215974	221.030	187.295
23)	L5 AR-1248-3	5.745	4.821	367991	261290	221.408	219.987
24)	L5 AR-1248-4	6.145	4.988	61285	260668	29.981	179.390 #
25)	L5 AR-1248-5	6.182	5.372	51329	33737	25.884	23.571
26)	L6 AR-1254-1	6.115	5.331	299704	229235	143.645	96.650 #
27)	L6 AR-1254-2	6.330	5.477	336315	223956	100.806	106.732
28)	L6 AR-1254-3	6.696	5.883	171121	409407	48.224	121.756 #
29)	L6 AR-1254-4	6.978	6.099	124501	37067	42.268	17.978 #
30)	L6 AR-1254-5	7.395	6.506	1120585	773091	362.368	248.985 #
31)	L7 AR-1260-1	6.854	5.997	773061	584369	286.763	256.425
32)	L7 AR-1260-2	7.110	6.185	974790	739560	262.713	252.420
33)	L7 AR-1260-3	7.465	6.333	728835	659310	222.454	248.877
34)	L7 AR-1260-4	7.692	6.796	763084	499617	248.455	220.817
35)	L7 AR-1260-5	7.999	7.040	1556716	1188669	219.847	215.991
36)	L8 AR-1262-1	7.465	6.540	728835	603681	150.185	161.951
37)	L8 AR-1262-2	8.043	7.040	215286	1188669	27.902	202.187 #
38)	L8 AR-1262-3	8.301	7.313	660096	255460	129.372	100.536
39)	L8 AR-1262-4	8.347	7.378	704362	835695	182.727	189.116
40)	L8 AR-1262-5	8.957	7.872	483543	116219	188.401	64.367 #
41)	L9 AR-1268-1	8.301	7.313	660096	255460	70.143	35.875 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
Data File : P0059700.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Aug 2019 2:46
Operator : SM/AJ
Sample : PB122471BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

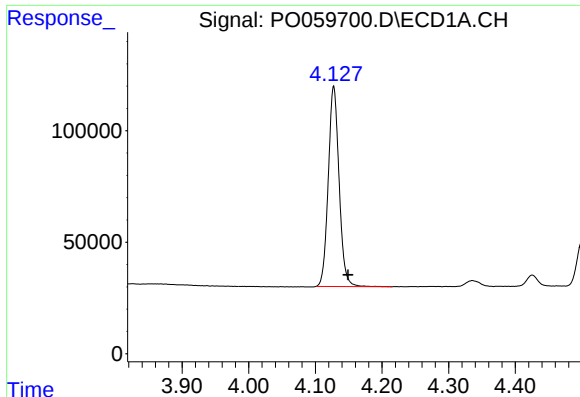
Instrument :
ECD_O
ClientSampleId :
PB122471BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 03:38:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.426	7.378	110506	835695	14.019	129.605 #
43)	L9 AR-1268-3	8.561	7.575	472627	25152	67.051	4.597 #
44)	L9 AR-1268-4	8.957	7.872	483543	116219	173.934	56.934 #
45)	L9 AR-1268-5	9.354	8.138	21086	73131	1.143	5.033 #

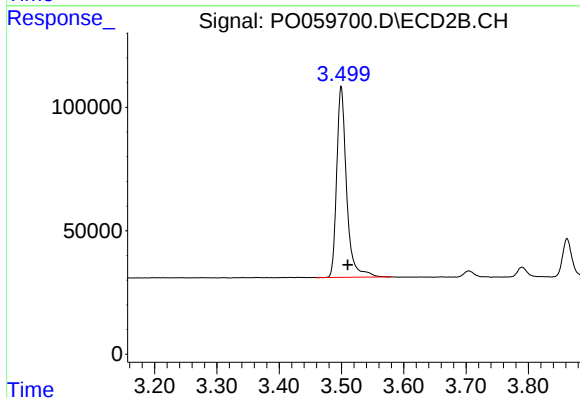
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

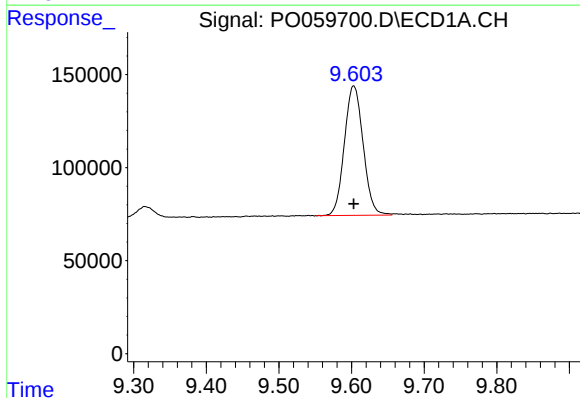
R.T.: 4.128 min
Delta R.T.: -0.021 min
Response: 1014984
Conc: 28.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



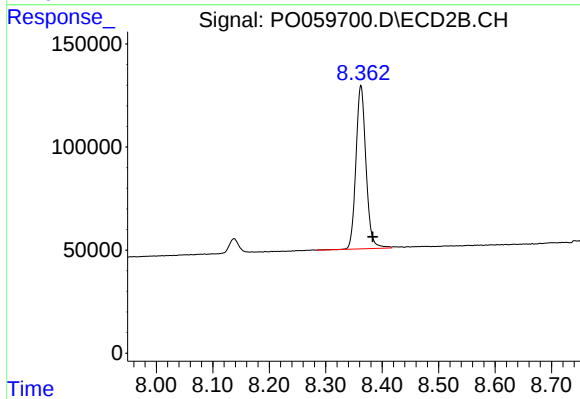
#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: -0.010 min
Response: 851056
Conc: 23.64 ng/ml



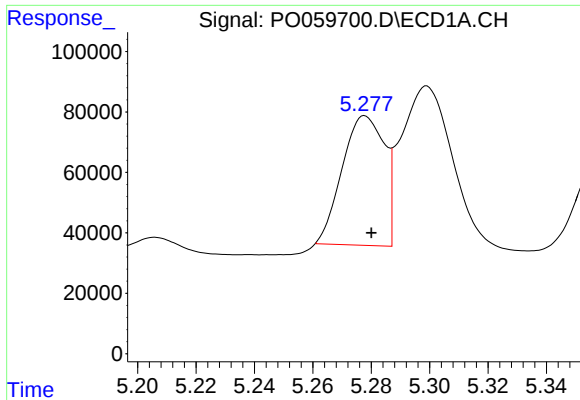
#2 Decachlorobiphenyl

R.T.: 9.603 min
Delta R.T.: 0.000 min
Response: 1248729
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

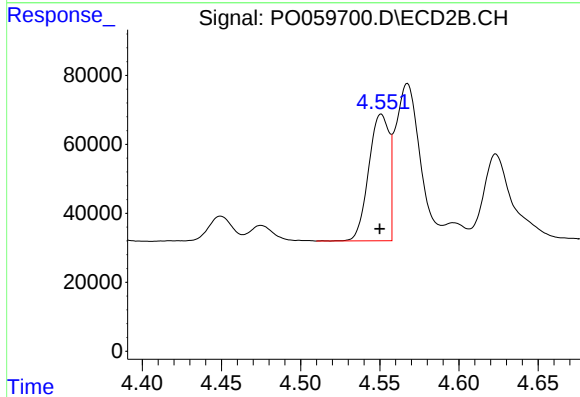
R.T.: 8.362 min
Delta R.T.: -0.021 min
Response: 979618
Conc: 24.30 ng/ml



#3 AR-1016-1

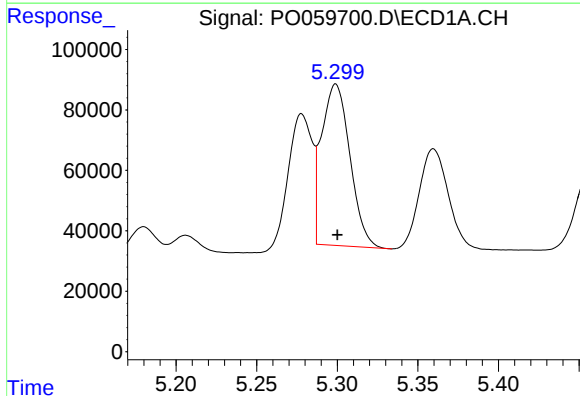
R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 428729
Conc: 267.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



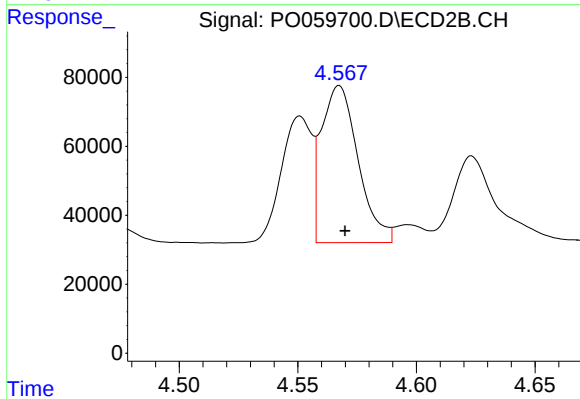
#3 AR-1016-1

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 329425
Conc: 243.67 ng/ml



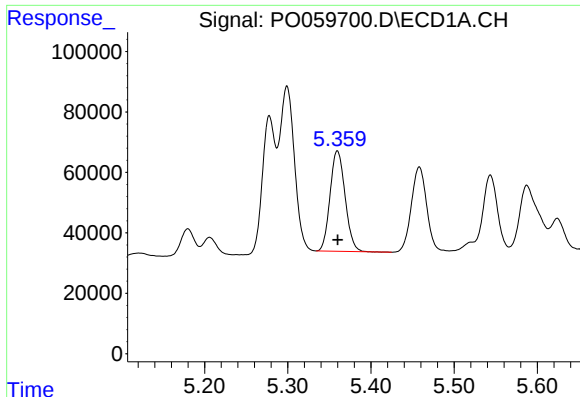
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 653301
Conc: 273.06 ng/ml



#4 AR-1016-2

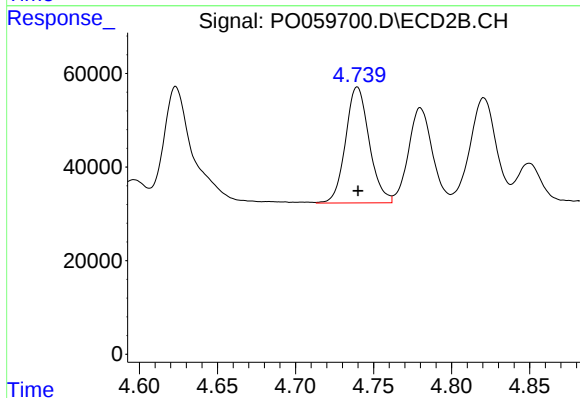
R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 491793
Conc: 245.53 ng/ml



#5 AR-1016-3

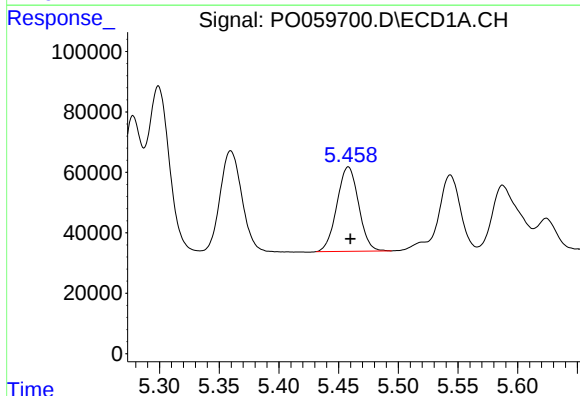
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 417536
Conc: 280.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



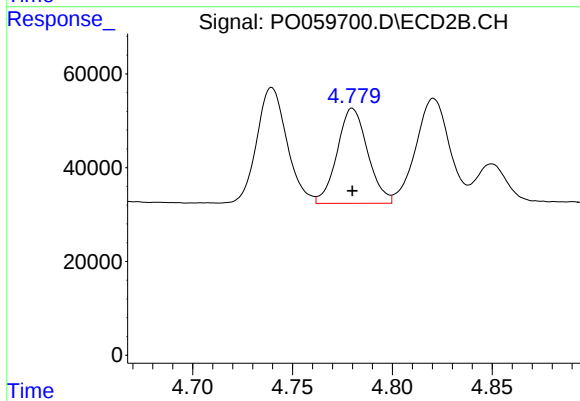
#5 AR-1016-3

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 262049
Conc: 242.22 ng/ml



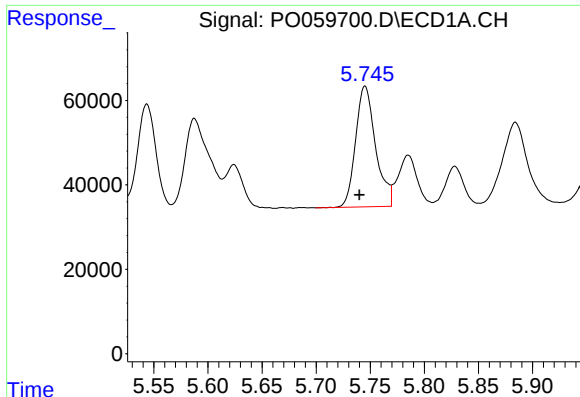
#6 AR-1016-4

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 353475
Conc: 292.19 ng/ml



#6 AR-1016-4

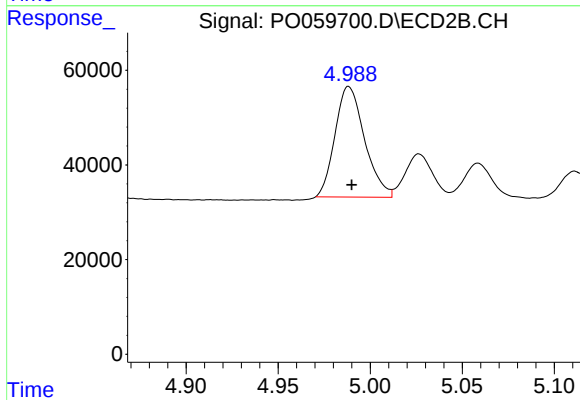
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 215974
Conc: 239.18 ng/ml



#7 AR-1016-5

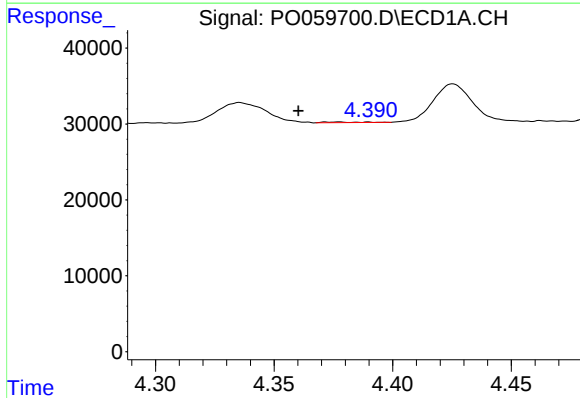
R.T.: 5.745 min
Delta R.T.: 0.005 min
Response: 367991
Conc: 286.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



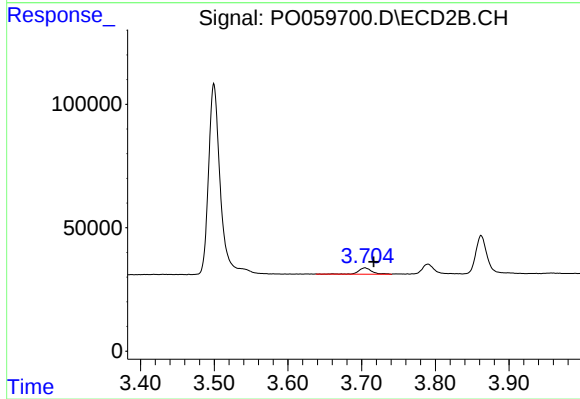
#7 AR-1016-5

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 260668
Conc: 226.29 ng/ml



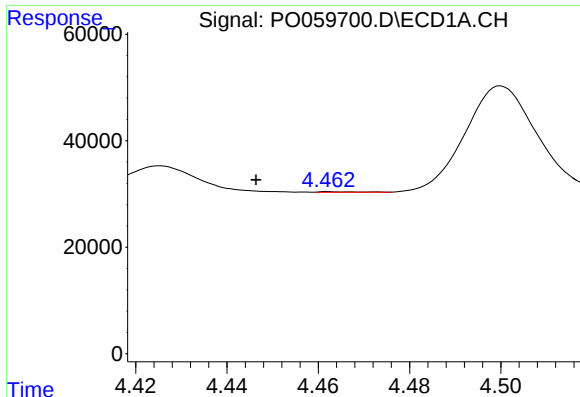
#8 AR-1221-1

R.T.: 4.377 min
Delta R.T.: 0.017 min
Response: 941
Conc: 2.22 ng/ml



#8 AR-1221-1

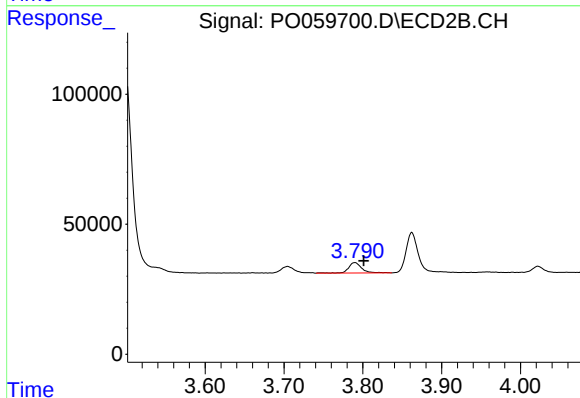
R.T.: 3.705 min
Delta R.T.: -0.012 min
Response: 31336
Conc: 78.07 ng/ml



#9 AR-1221-2

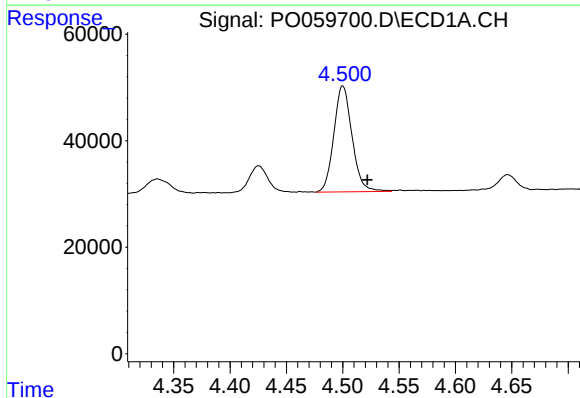
R.T.: 4.463 min
Delta R.T.: 0.016 min
Response: 571
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



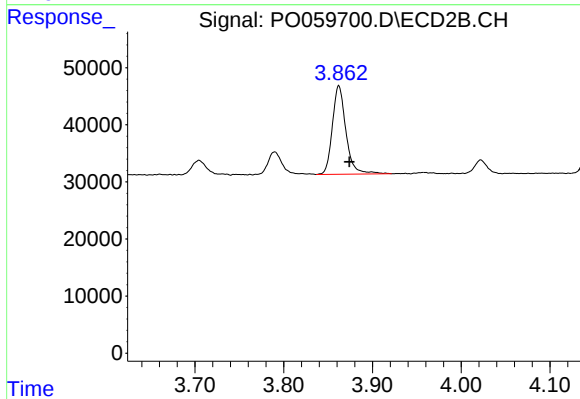
#9 AR-1221-2

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 46709
Conc: 153.33 ng/ml



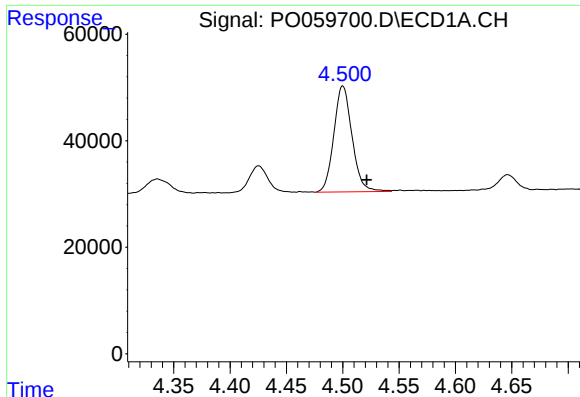
#10 AR-1221-3

R.T.: 4.500 min
Delta R.T.: -0.022 min
Response: 223508
Conc: 212.49 ng/ml



#10 AR-1221-3

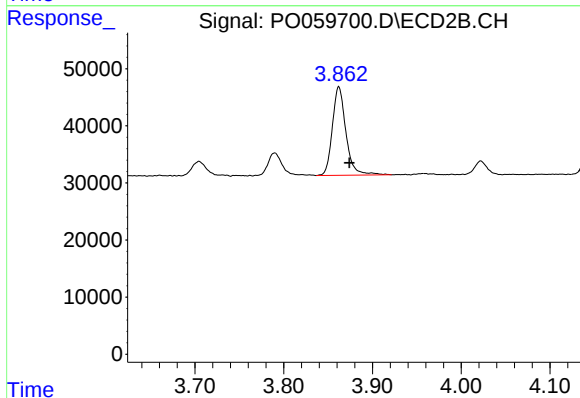
R.T.: 3.862 min
Delta R.T.: -0.012 min
Response: 164806
Conc: 168.44 ng/ml



#11 AR-1232-1

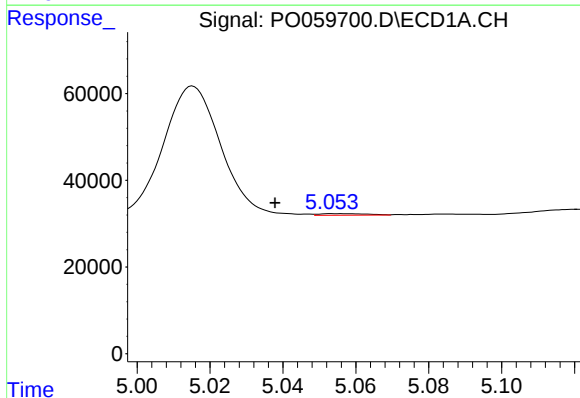
R.T.: 4.500 min
Delta R.T.: -0.021 min
Response: 223508
Conc: 179.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



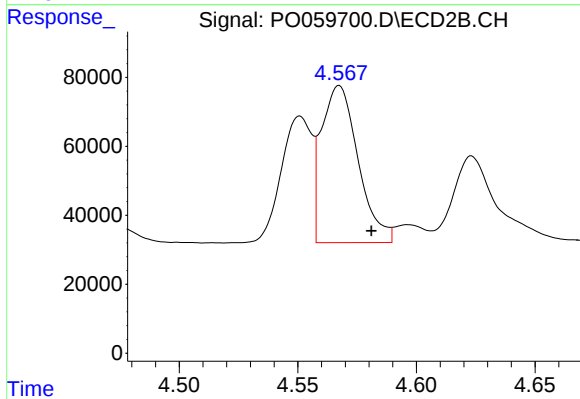
#11 AR-1232-1

R.T.: 3.862 min
Delta R.T.: -0.012 min
Response: 164806
Conc: 144.55 ng/ml



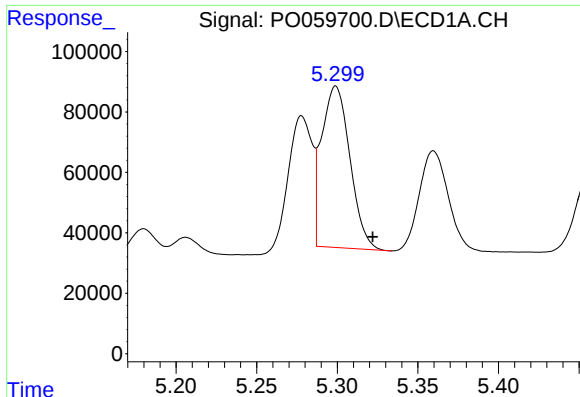
#12 AR-1232-2

R.T.: 5.055 min
Delta R.T.: 0.017 min
Response: 3211
Conc: 4.55 ng/ml



#12 AR-1232-2

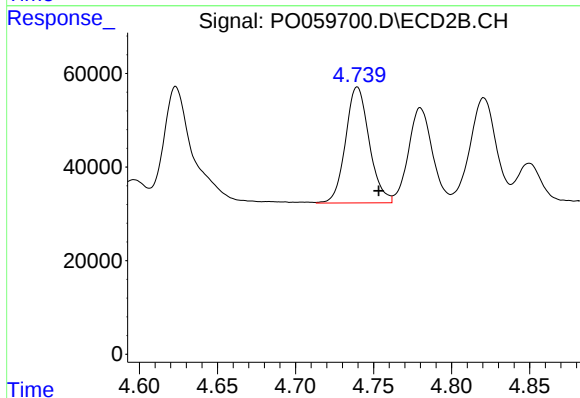
R.T.: 4.567 min
Delta R.T.: -0.014 min
Response: 491793
Conc: 386.15 ng/ml



#13 AR-1232-3

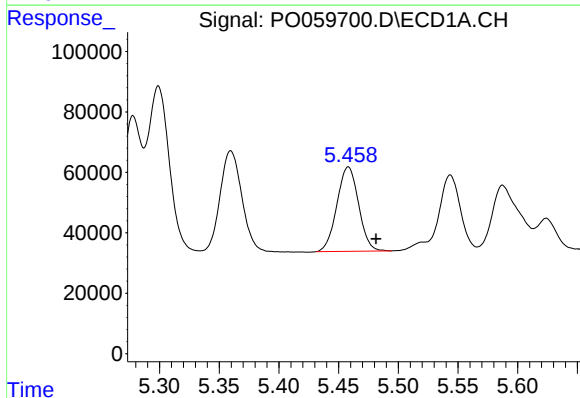
R.T.: 5.299 min
Delta R.T.: -0.023 min
Response: 653301
Conc: 426.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



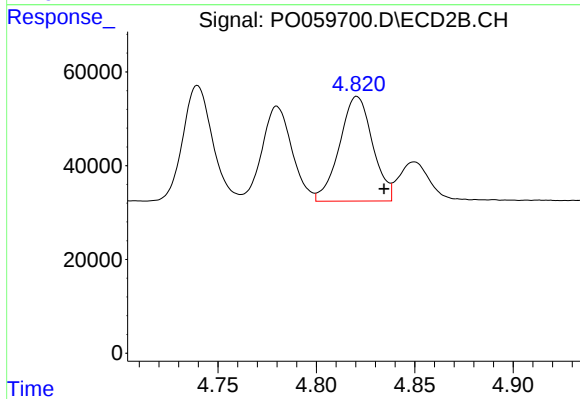
#13 AR-1232-3

R.T.: 4.740 min
Delta R.T.: -0.014 min
Response: 262049
Conc: 384.85 ng/ml



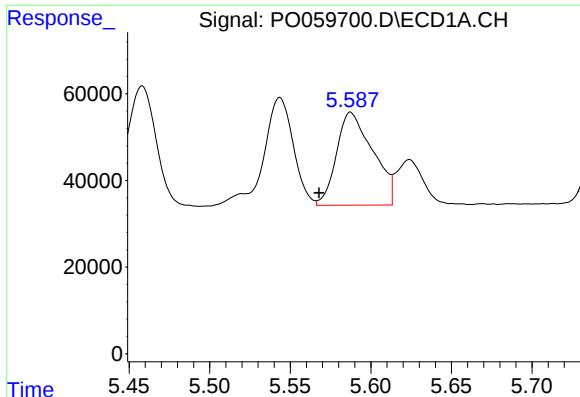
#14 AR-1232-4

R.T.: 5.458 min
Delta R.T.: -0.023 min
Response: 353475
Conc: 452.08 ng/ml



#14 AR-1232-4

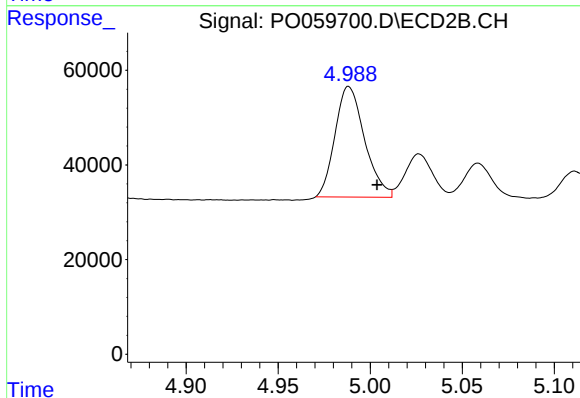
R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 261290
Conc: 428.30 ng/ml



#15 AR-1232-5

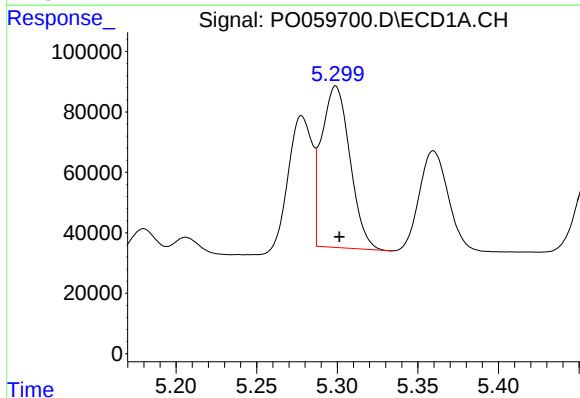
R.T.: 5.588 min
Delta R.T.: 0.020 min
Response: 336637
Conc: 560.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



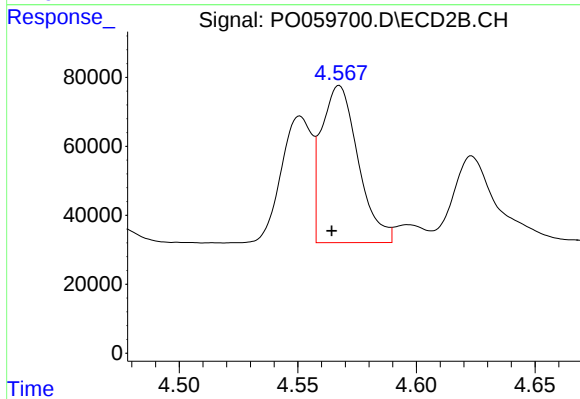
#15 AR-1232-5

R.T.: 4.988 min
Delta R.T.: -0.015 min
Response: 260668
Conc: 382.92 ng/ml



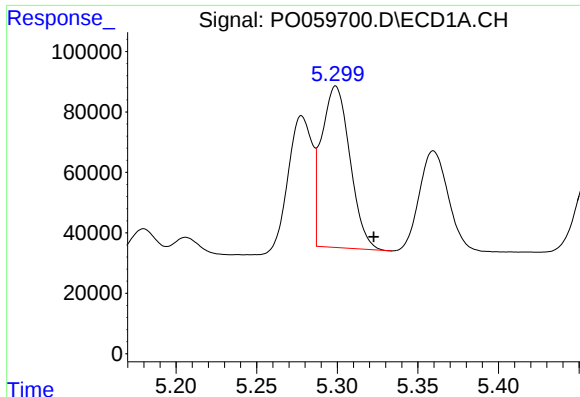
#16 AR-1242-1

R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 653301
Conc: 514.61 ng/ml



#16 AR-1242-1

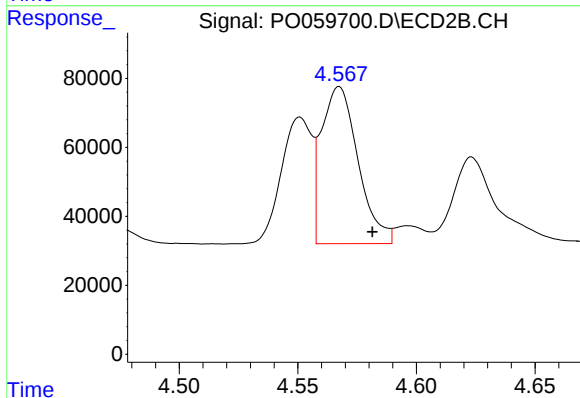
R.T.: 4.567 min
Delta R.T.: 0.003 min
Response: 491793
Conc: 478.09 ng/ml



#17 AR-1242-2

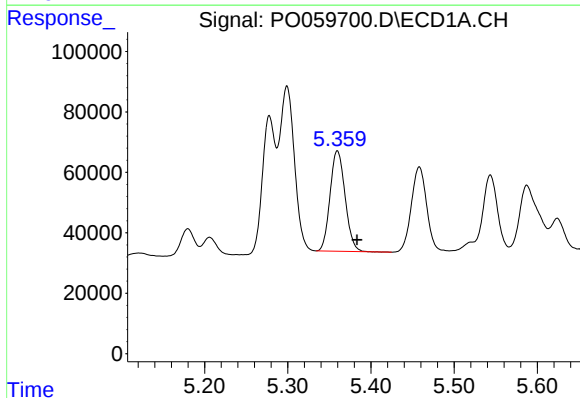
R.T.: 5.299 min
Delta R.T.: -0.024 min
Response: 653301
Conc: 352.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



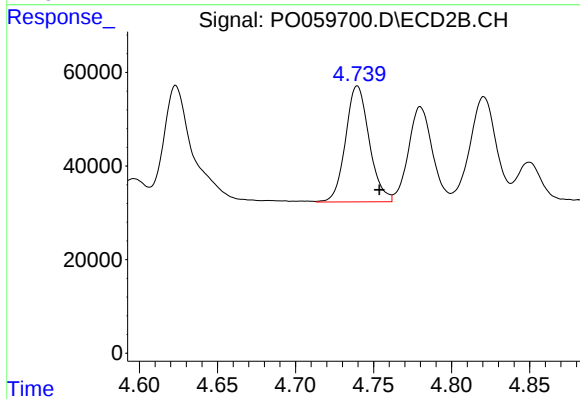
#17 AR-1242-2

R.T.: 4.567 min
Delta R.T.: -0.014 min
Response: 491793
Conc: 322.89 ng/ml



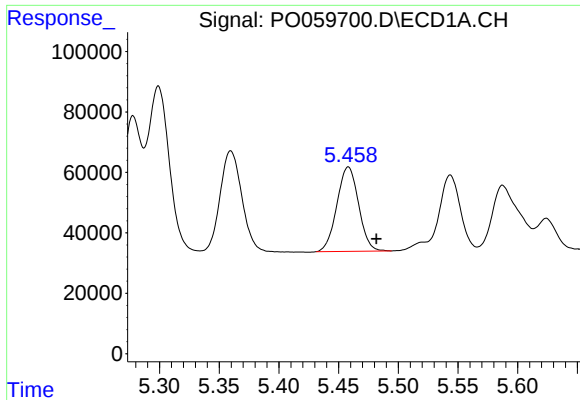
#18 AR-1242-3

R.T.: 5.360 min
Delta R.T.: -0.024 min
Response: 417536
Conc: 357.22 ng/ml



#18 AR-1242-3

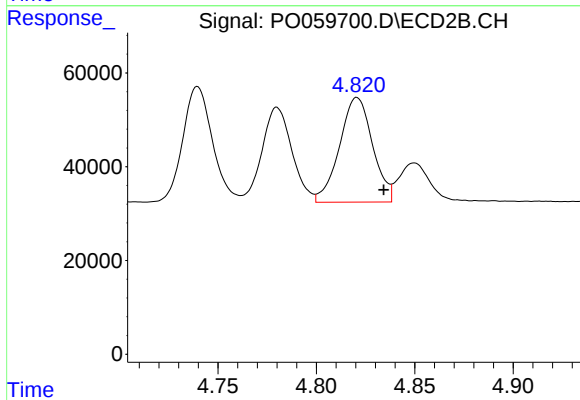
R.T.: 4.740 min
Delta R.T.: -0.014 min
Response: 262049
Conc: 313.64 ng/ml



#19 AR-1242-4

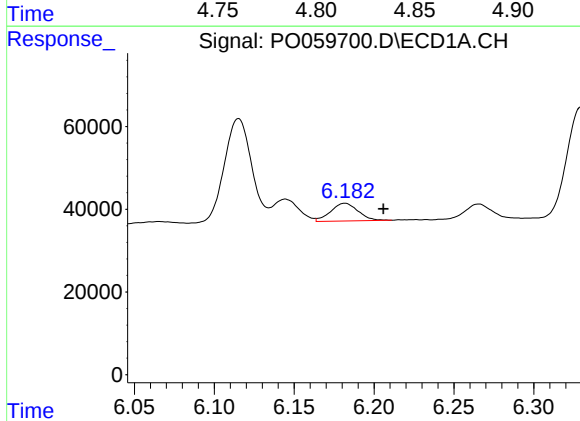
R.T.: 5.458 min
Delta R.T.: -0.023 min
Response: 353475
Conc: 365.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



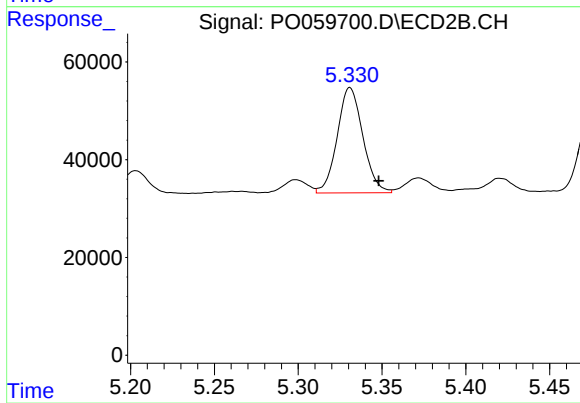
#19 AR-1242-4

R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 261290
Conc: 313.15 ng/ml



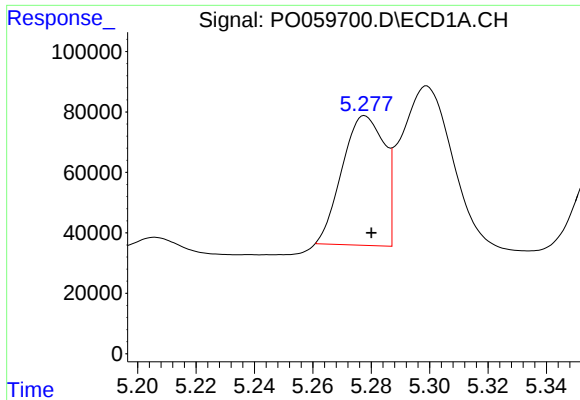
#20 AR-1242-5

R.T.: 6.182 min
Delta R.T.: -0.024 min
Response: 51329
Conc: 40.85 ng/ml



#20 AR-1242-5

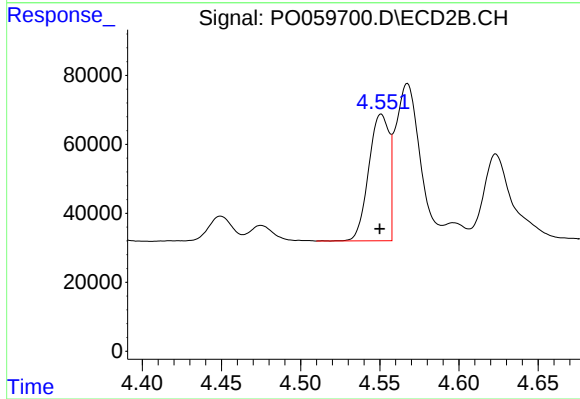
R.T.: 5.331 min
Delta R.T.: -0.017 min
Response: 229235
Conc: 204.93 ng/ml



#21 AR-1248-1

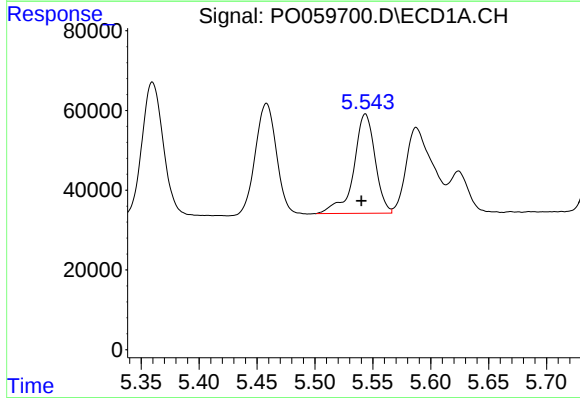
R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 428729
Conc: 427.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



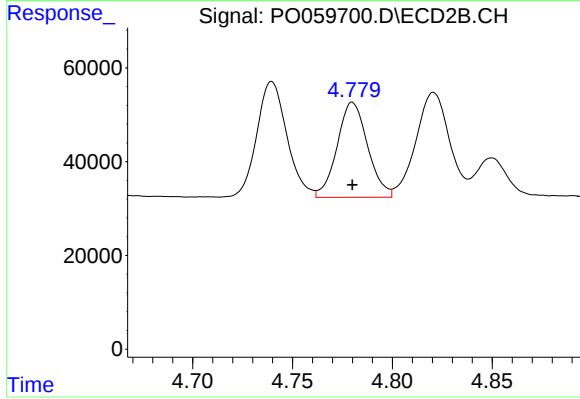
#21 AR-1248-1

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 329425
Conc: 397.85 ng/ml



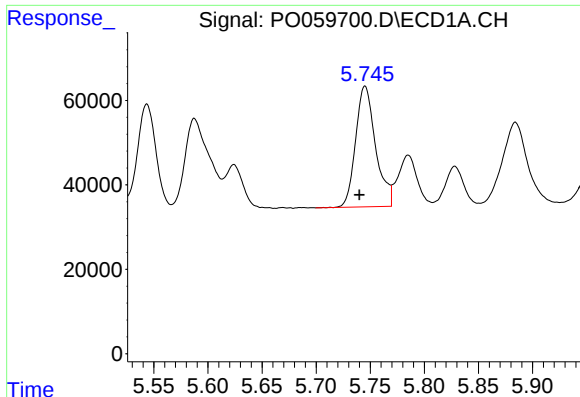
#22 AR-1248-2

R.T.: 5.544 min
Delta R.T.: 0.004 min
Response: 320694
Conc: 221.03 ng/ml



#22 AR-1248-2

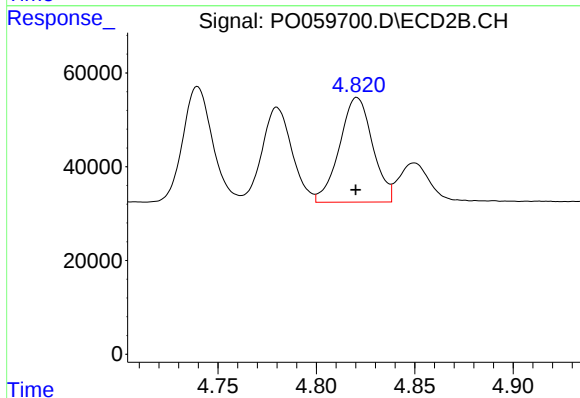
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 215974
Conc: 187.29 ng/ml



#23 AR-1248-3

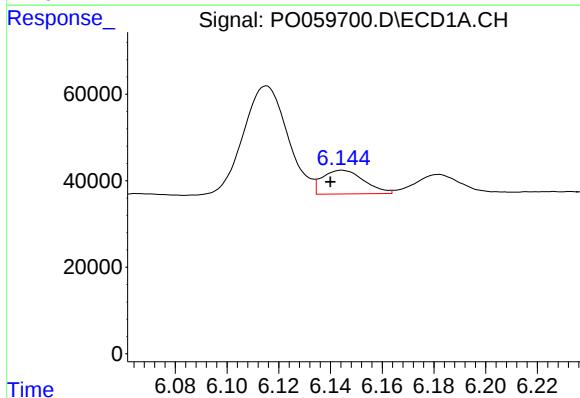
R.T.: 5.745 min
Delta R.T.: 0.005 min
Response: 367991
Conc: 221.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



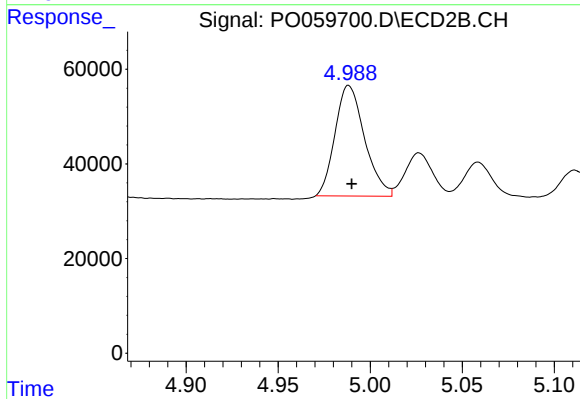
#23 AR-1248-3

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 261290
Conc: 219.99 ng/ml



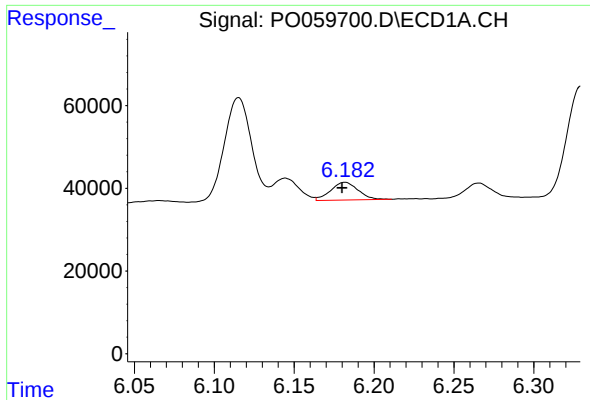
#24 AR-1248-4

R.T.: 6.145 min
Delta R.T.: 0.005 min
Response: 61285
Conc: 29.98 ng/ml



#24 AR-1248-4

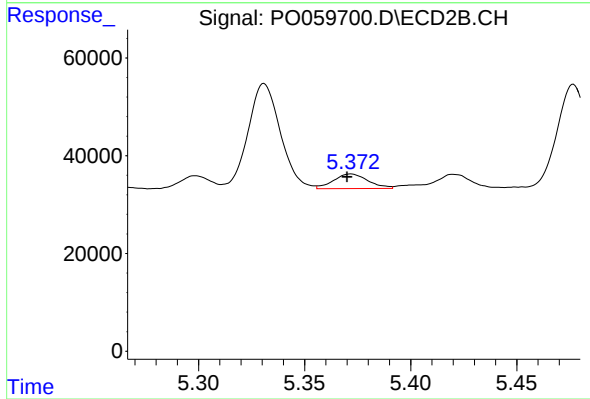
R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 260668
Conc: 179.39 ng/ml



#25 AR-1248-5

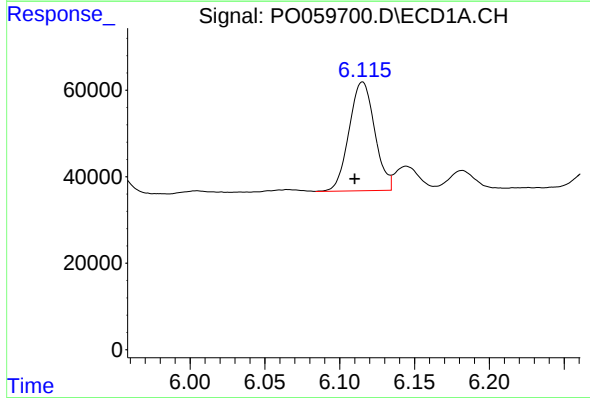
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 51329
Conc: 25.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



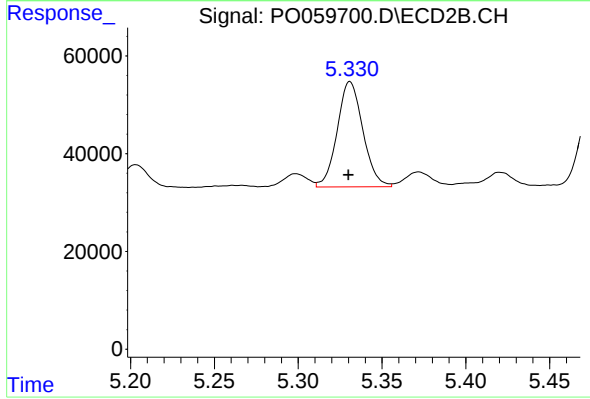
#25 AR-1248-5

R.T.: 5.372 min
Delta R.T.: 0.002 min
Response: 33737
Conc: 23.57 ng/ml



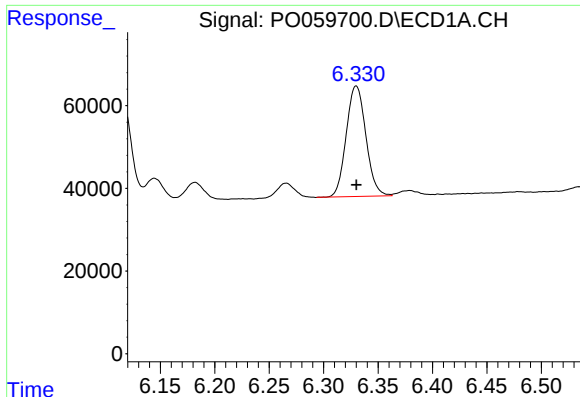
#26 AR-1254-1

R.T.: 6.115 min
Delta R.T.: 0.005 min
Response: 299704
Conc: 143.65 ng/ml



#26 AR-1254-1

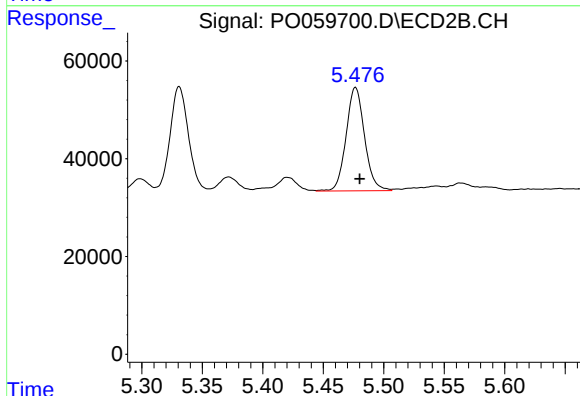
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 229235
Conc: 96.65 ng/ml



#27 AR-1254-2

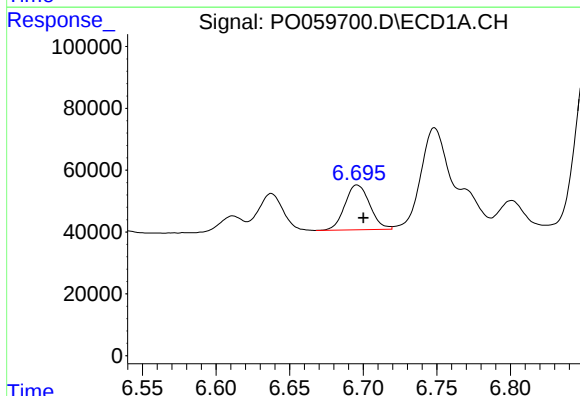
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 336315
Conc: 100.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



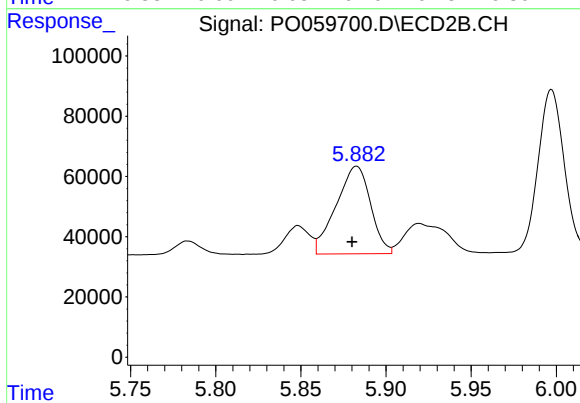
#27 AR-1254-2

R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 223956
Conc: 106.73 ng/ml



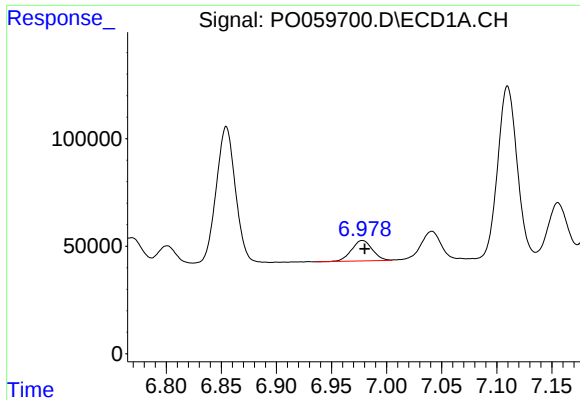
#28 AR-1254-3

R.T.: 6.696 min
Delta R.T.: -0.004 min
Response: 171121
Conc: 48.22 ng/ml



#28 AR-1254-3

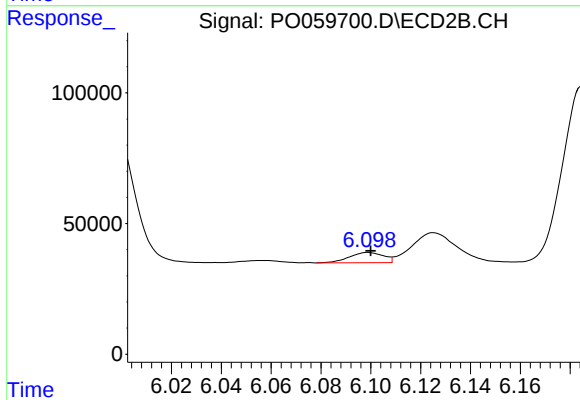
R.T.: 5.883 min
Delta R.T.: 0.003 min
Response: 409407
Conc: 121.76 ng/ml



#29 AR-1254-4

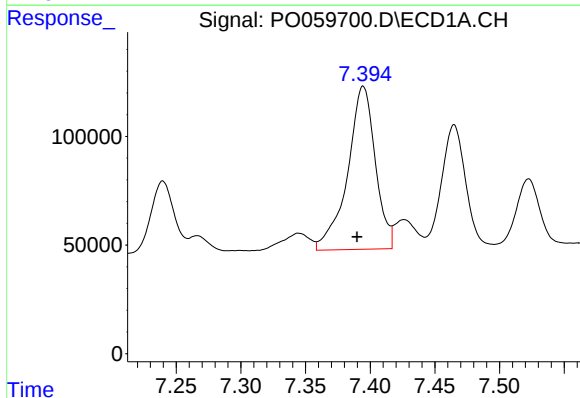
R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 124501
Conc: 42.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



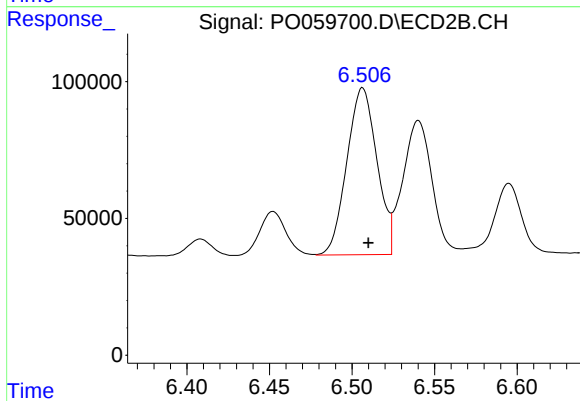
#29 AR-1254-4

R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 37067
Conc: 17.98 ng/ml



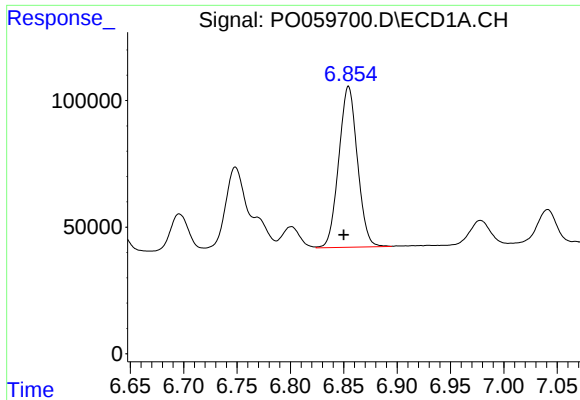
#30 AR-1254-5

R.T.: 7.395 min
Delta R.T.: 0.005 min
Response: 1120585
Conc: 362.37 ng/ml



#30 AR-1254-5

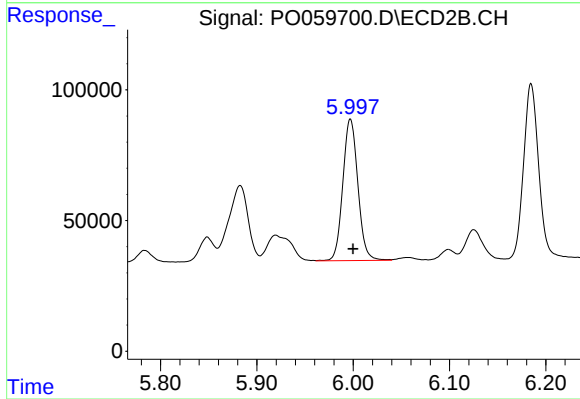
R.T.: 6.506 min
Delta R.T.: -0.004 min
Response: 773091
Conc: 248.98 ng/ml



#31 AR-1260-1

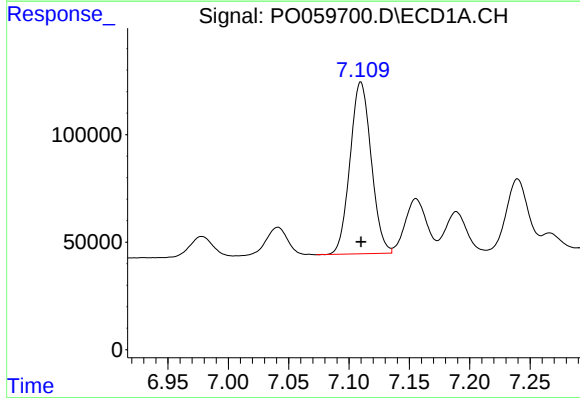
R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 773061
Conc: 286.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



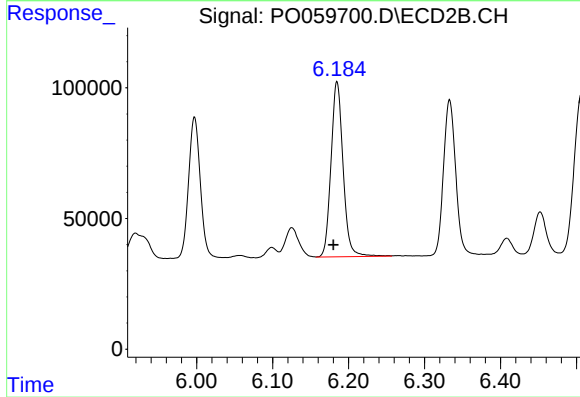
#31 AR-1260-1

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 584369
Conc: 256.43 ng/ml



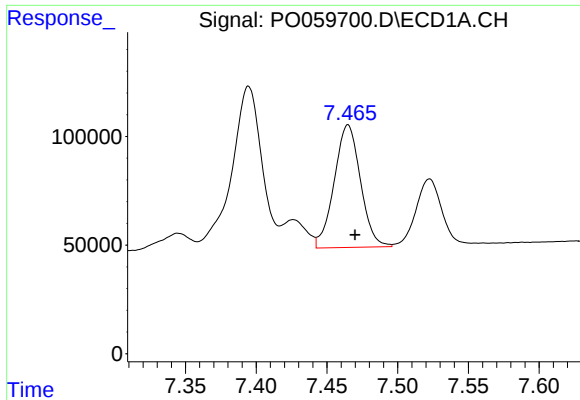
#32 AR-1260-2

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 974790
Conc: 262.71 ng/ml



#32 AR-1260-2

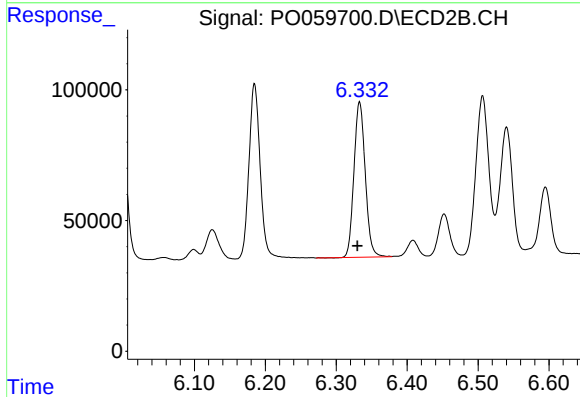
R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 739560
Conc: 252.42 ng/ml



#33 AR-1260-3

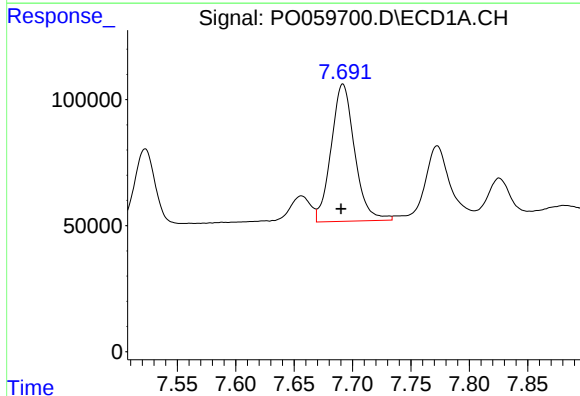
R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 728835
Conc: 222.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



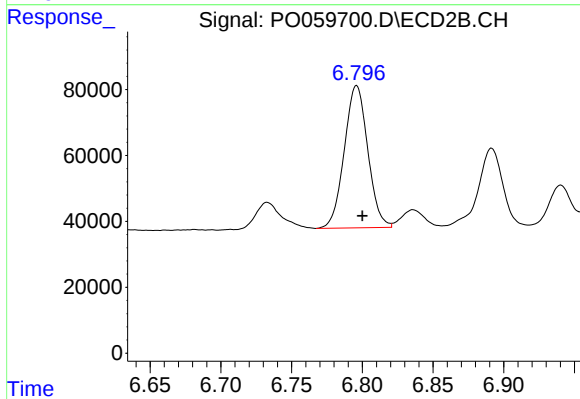
#33 AR-1260-3

R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 659310
Conc: 248.88 ng/ml



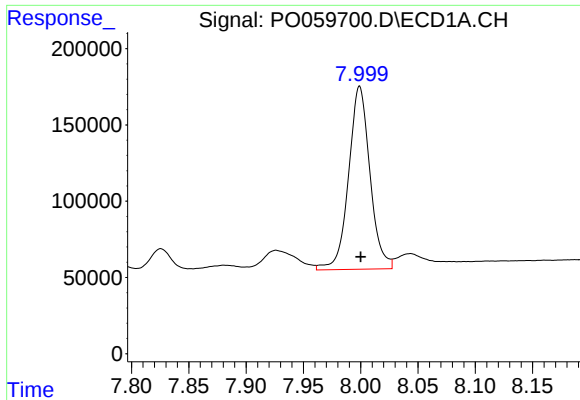
#34 AR-1260-4

R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 763084
Conc: 248.45 ng/ml



#34 AR-1260-4

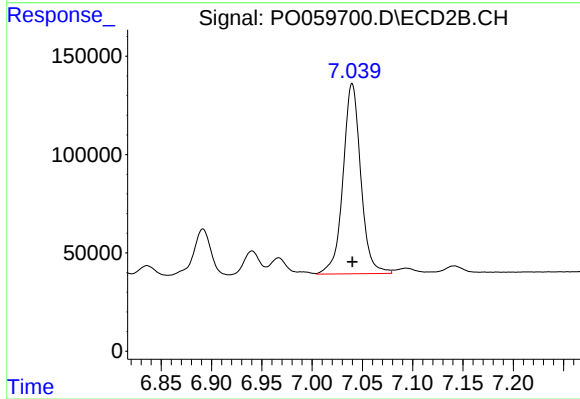
R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 499617
Conc: 220.82 ng/ml



#35 AR-1260-5

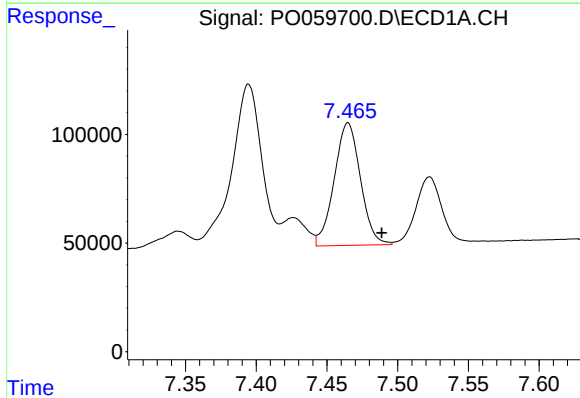
R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 1556716
Conc: 219.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



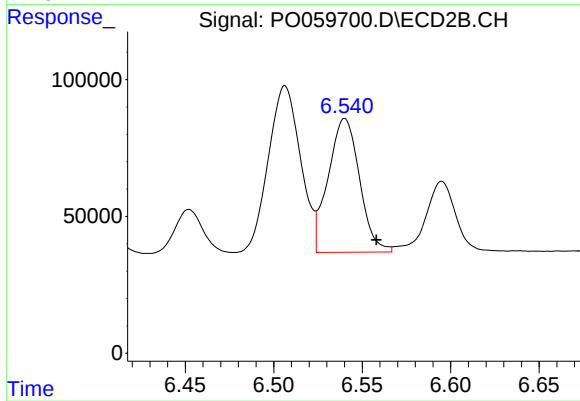
#35 AR-1260-5

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 1188669
Conc: 215.99 ng/ml



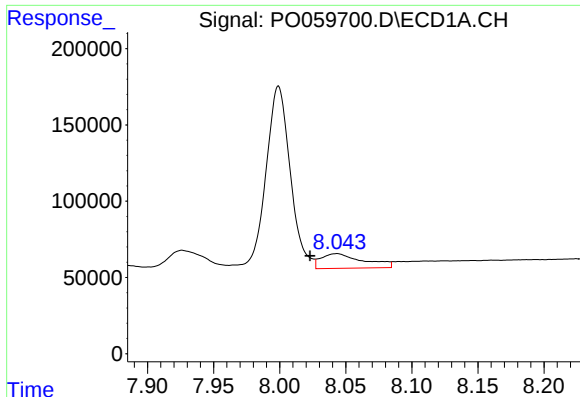
#36 AR-1262-1

R.T.: 7.465 min
Delta R.T.: -0.024 min
Response: 728835
Conc: 150.19 ng/ml



#36 AR-1262-1

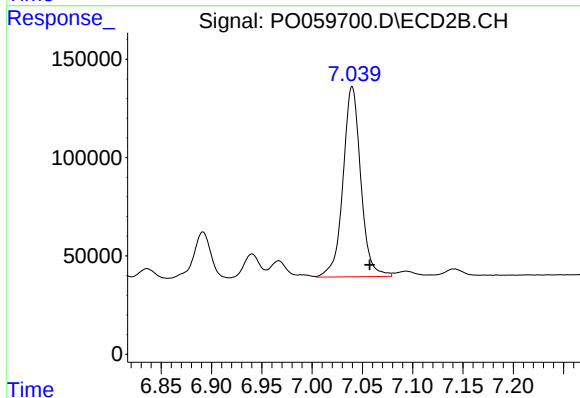
R.T.: 6.540 min
Delta R.T.: -0.018 min
Response: 603681
Conc: 161.95 ng/ml



#37 AR-1262-2

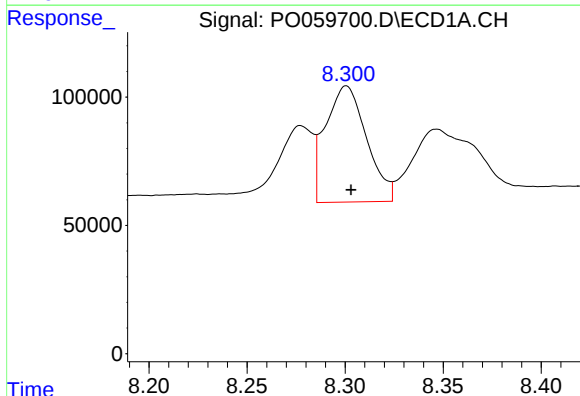
R.T.: 8.043 min
Delta R.T.: 0.020 min
Response: 215286
Conc: 27.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



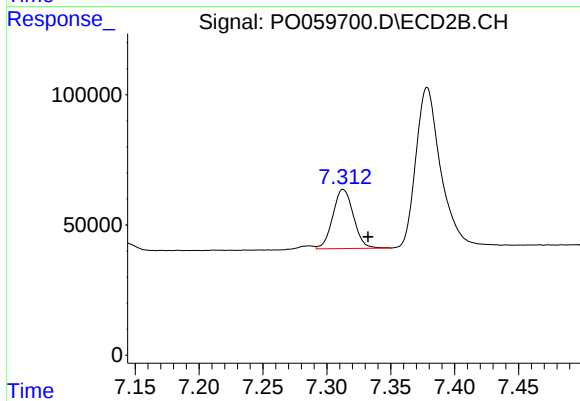
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.018 min
Response: 1188669
Conc: 202.19 ng/ml



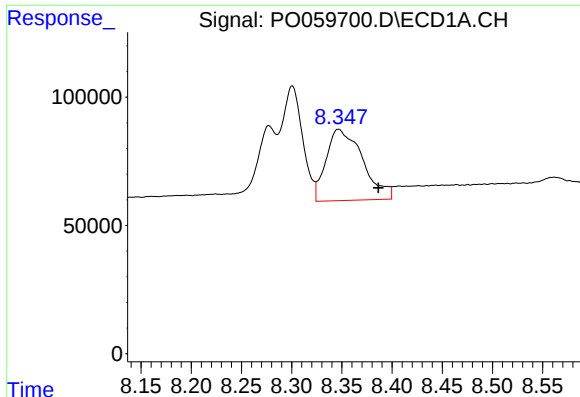
#38 AR-1262-3

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 660096
Conc: 129.37 ng/ml



#38 AR-1262-3

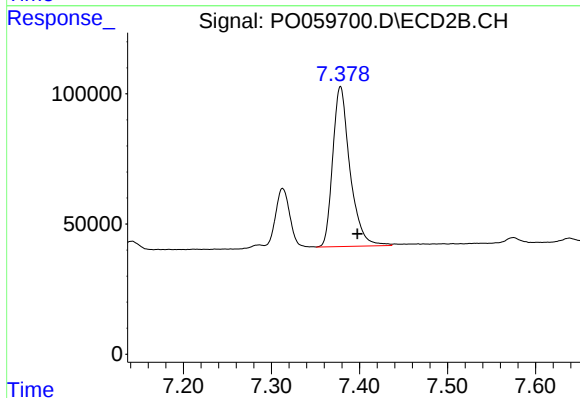
R.T.: 7.313 min
Delta R.T.: -0.019 min
Response: 255460
Conc: 100.54 ng/ml



#39 AR-1262-4

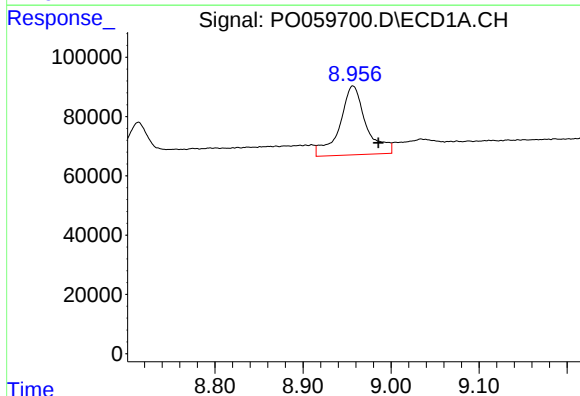
R.T.: 8.347 min
Delta R.T.: -0.040 min
Response: 704362
Conc: 182.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



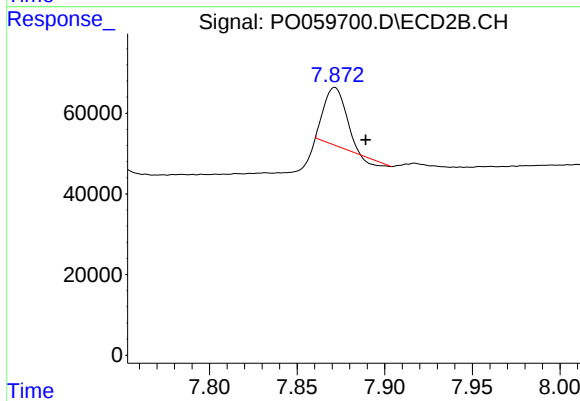
#39 AR-1262-4

R.T.: 7.378 min
Delta R.T.: -0.019 min
Response: 835695
Conc: 189.12 ng/ml



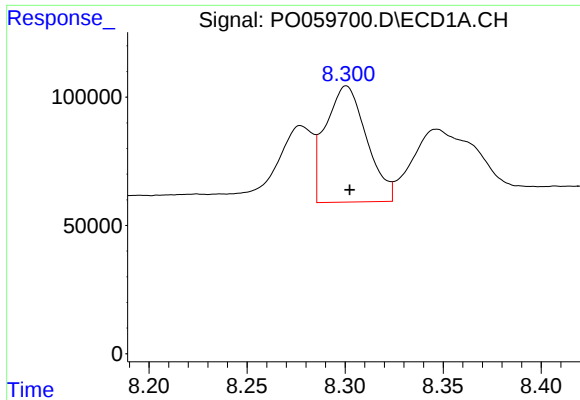
#40 AR-1262-5

R.T.: 8.957 min
Delta R.T.: -0.029 min
Response: 483543
Conc: 188.40 ng/ml



#40 AR-1262-5

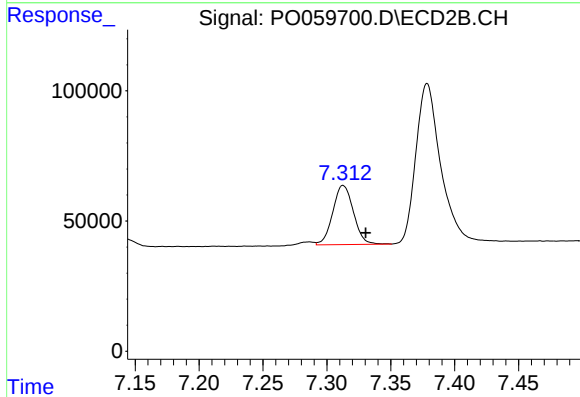
R.T.: 7.872 min
Delta R.T.: -0.018 min
Response: 116219
Conc: 64.37 ng/ml



#41 AR-1268-1

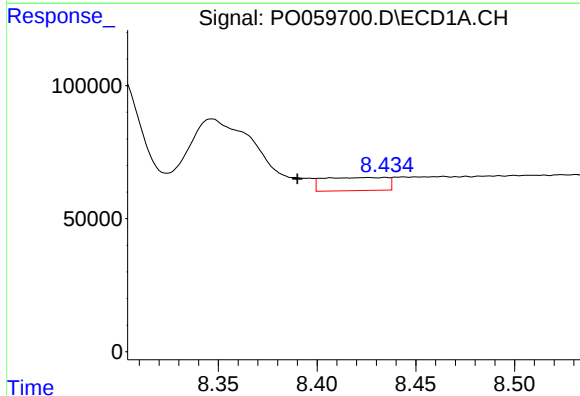
R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 660096
Conc: 70.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



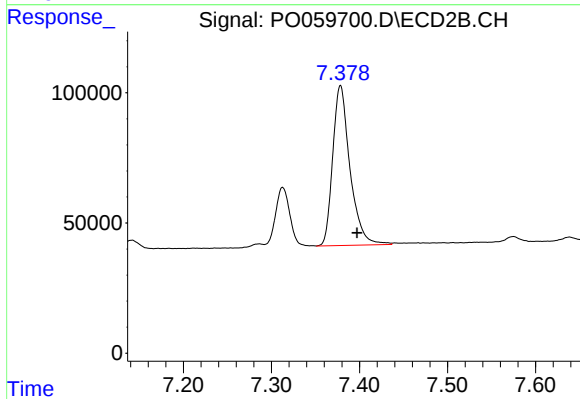
#41 AR-1268-1

R.T.: 7.313 min
Delta R.T.: -0.018 min
Response: 255460
Conc: 35.87 ng/ml



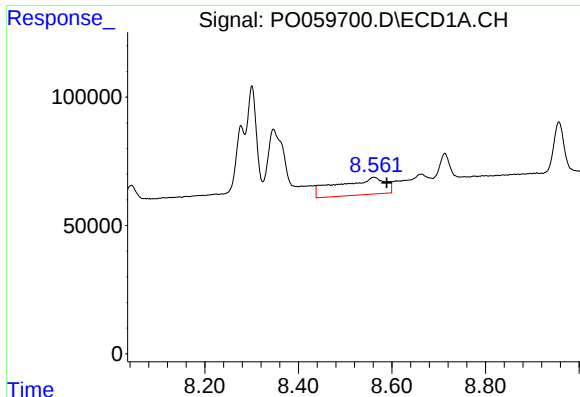
#42 AR-1268-2

R.T.: 8.426 min
Delta R.T.: 0.036 min
Response: 110506
Conc: 14.02 ng/ml



#42 AR-1268-2

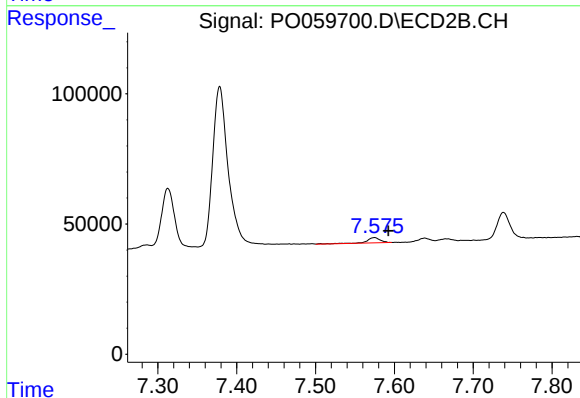
R.T.: 7.378 min
Delta R.T.: -0.019 min
Response: 835695
Conc: 129.61 ng/ml



#43 AR-1268-3

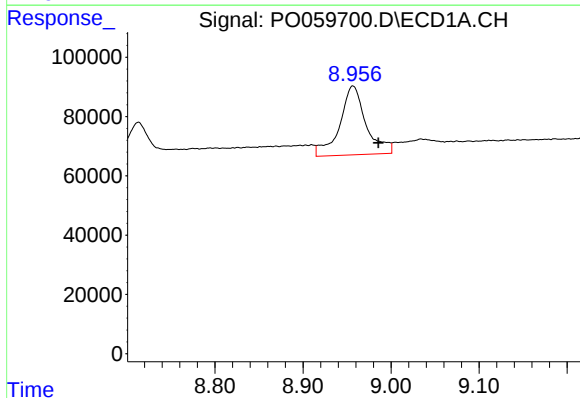
R.T.: 8.561 min
Delta R.T.: -0.027 min
Response: 472627
Conc: 67.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



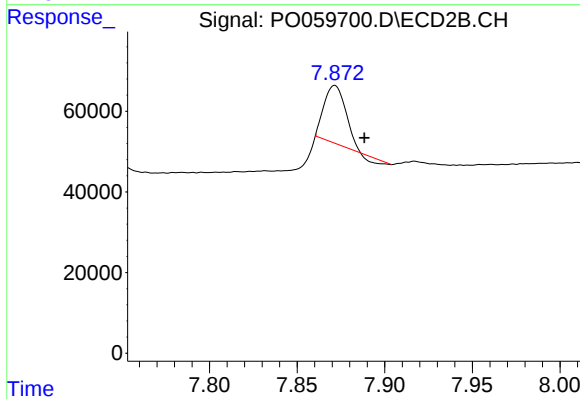
#43 AR-1268-3

R.T.: 7.575 min
Delta R.T.: -0.018 min
Response: 25152
Conc: 4.60 ng/ml



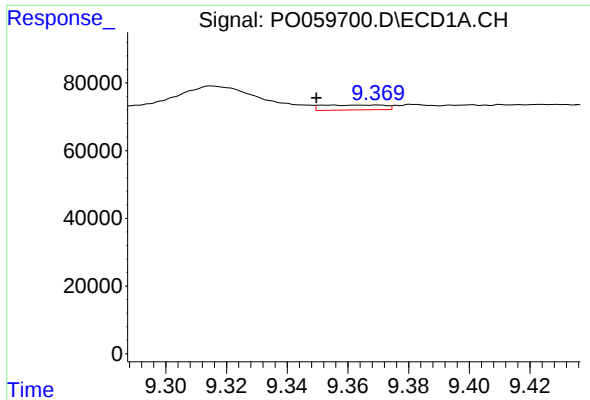
#44 AR-1268-4

R.T.: 8.957 min
Delta R.T.: -0.029 min
Response: 483543
Conc: 173.93 ng/ml



#44 AR-1268-4

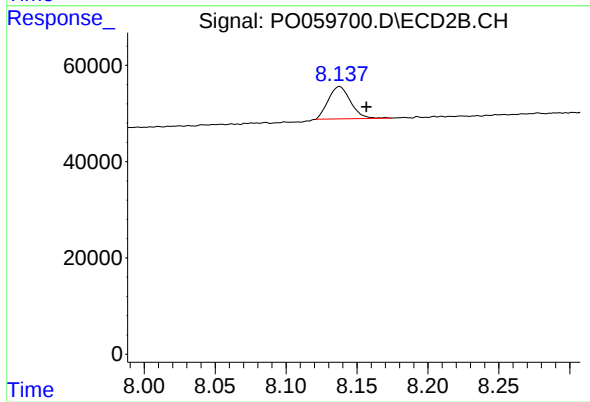
R.T.: 7.872 min
Delta R.T.: -0.017 min
Response: 116219
Conc: 56.93 ng/ml



#45 AR-1268-5

R.T.: 9.354 min
Delta R.T.: 0.005 min
Response: 21086
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122471BS



#45 AR-1268-5

R.T.: 8.138 min
Delta R.T.: -0.019 min
Response: 73131
Conc: 5.03 ng/ml