

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112020\
 Data File : PO073378.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2020 13:09
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 17:10:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 12:09:14 2020
 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...	4.945	4.009	3441190	2059144	54.688	57.361
2)	SA Decachlor...	10.979	9.275	2577117	1476875	48.149	42.271
Target Compounds							
3)	L1 AR-1016-1	6.270	5.258	1250387	800740	477.426	520.668
4)	L1 AR-1016-2	6.294	5.279	1695763	1092571	484.702	520.571
5)	L1 AR-1016-3	6.360	5.468	993273	575113	475.840	578.025
6)	L1 AR-1016-4	6.468	5.520	831237	473824	483.479	523.372
7)	L1 AR-1016-5	6.784	5.747	822096	514735	528.590	450.022
8)	L2 AR-1221-1	5.191	4.264	118872	77236	161.567	178.601
9)	L2 AR-1221-2	5.296	4.363	182027	106346	337.962	325.703
10)	L2 AR-1221-3	5.383	4.451	647020	409159	386.521	414.403
11)	L3 AR-1232-1	5.383	4.451	647020	409159	451.022	476.009
12)	L3 AR-1232-2	5.974	5.279	829008	1092571	1140.942	1171.969
13)	L3 AR-1232-3	6.294	5.468	1695763	575113	1095.877	1273.039
14)	L3 AR-1232-4	6.468	5.565	831237	555747	1118.436	1261.479
15)	L3 AR-1232-5	6.566	5.747	685395	514735	1309.345	1036.176
16)	L4 AR-1242-1	6.270	5.258	1250387	800740	587.428	647.601
17)	L4 AR-1242-2	6.294	5.279	1695763	1092571	599.506	655.046
18)	L4 AR-1242-3	6.360	5.468	993273	575113	590.859	696.854
19)	L4 AR-1242-4	6.468	5.565	831237	555747	582.673	628.276
20)	L4 AR-1242-5	7.254	6.124	171675	454513	107.221	389.589 #
21)	L5 AR-1248-1	6.270	5.258	1250387	800740	833.857	850.368
22)	L5 AR-1248-2	6.566	5.520	685395	473824	345.466	374.157
23)	L5 AR-1248-3	6.784	5.565	822096	555747	366.821	422.559
24)	L5 AR-1248-4	7.213	5.747	188348	514735	63.359	325.155 #
25)	L5 AR-1248-5	7.254	6.148f	171675	402065	61.469	242.459 #
26)	L6 AR-1254-1	7.186	6.124	1095556	454513	372.021	184.826 #
27)	L6 AR-1254-2	7.413	6.283	605344	453579	127.078	207.453 #
28)	L6 AR-1254-3	7.797	6.719	390383	816941	81.646	223.769 #
29)	L6 AR-1254-4	8.093	6.938	214671	131051	50.291	54.801
30)	L6 AR-1254-5	8.522	7.364	1943865	1235919	486.953	372.884
31)	L7 AR-1260-1	7.964	6.836	1349395	1009203	451.214	445.264
32)	L7 AR-1260-2	8.232	7.033	1832254	1164024	427.645	432.354
33)	L7 AR-1260-3	8.597	7.186	1432849	1033052	442.634	419.489
34)	L7 AR-1260-4	8.829	7.666	1458720	861709	467.565	422.813
35)	L7 AR-1260-5	9.157	7.912	3276220	2005732	455.913	423.751
36)	L8 AR-1262-1	8.597	7.364	1432849	1235919	289.803	770.367 #
37)	L8 AR-1262-2	9.157	7.912	3276220	2005732	398.810	382.018
38)	L8 AR-1262-3	9.470	8.197	666573	473305	129.182	226.219 #
39)	L8 AR-1262-4	9.544	8.259	950149	1408579	240.165	371.474 #
40)	L8 AR-1262-5	10.230	8.754	902710	513427	329.749	298.420
41)	L9 AR-1268-1	9.470	8.197	666573	473305	63.583	79.419

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112020\
 Data File : PO073378.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2020 13:09
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

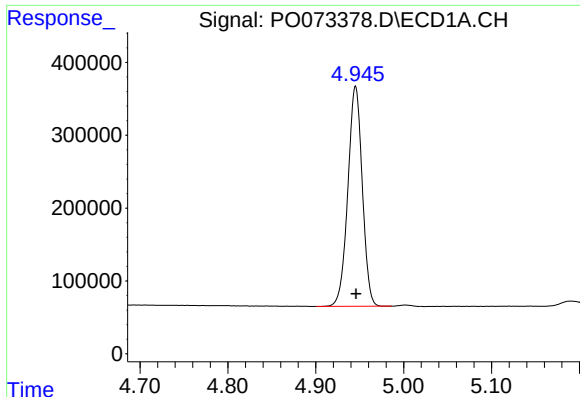
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 17:10:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 12:09:14 2020
 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
42) L9	AR-1268-2	9.544f	8.259	950149	1408579	103.912	267.925 #
43) L9	AR-1268-3	9.789	8.469	43942	26440	5.305	5.807
44) L9	AR-1268-4	10.230	8.754	902710	513427	287.273	278.115
45) L9	AR-1268-5	10.644	9.032	242548	149236	9.810	10.390

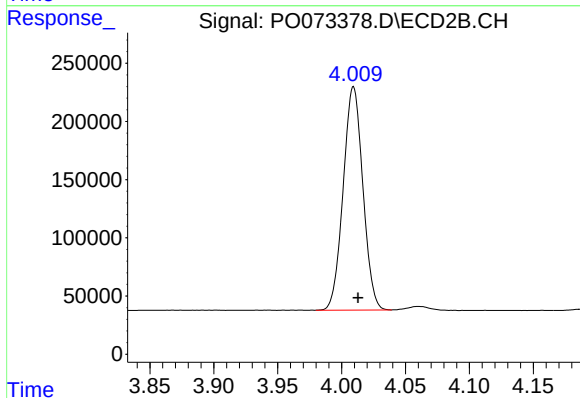
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

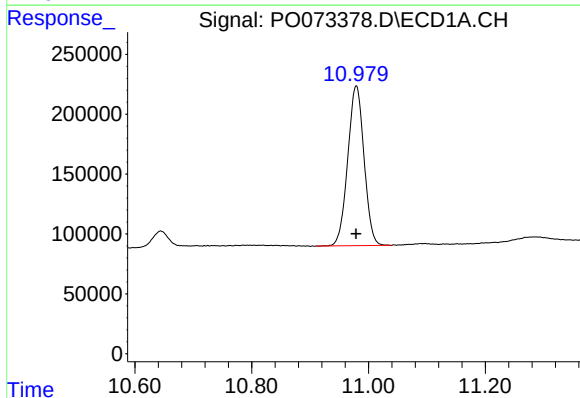
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 3441190
Conc: 54.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



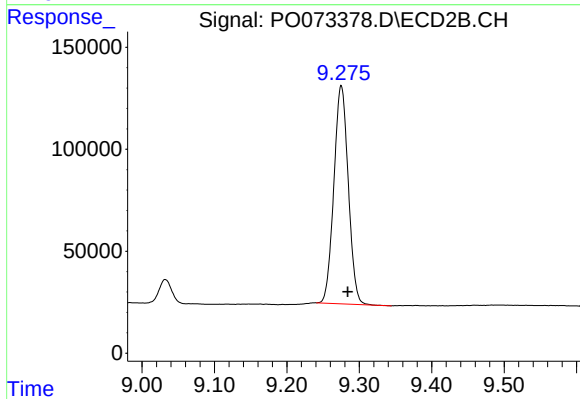
#1 Tetrachloro-m-xylene

R.T.: 4.009 min
Delta R.T.: -0.004 min
Response: 2059144
Conc: 57.36 ng/ml



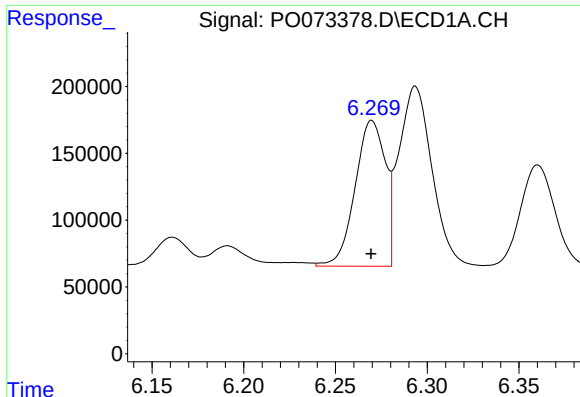
#2 Decachlorobiphenyl

R.T.: 10.979 min
Delta R.T.: 0.000 min
Response: 2577117
Conc: 48.15 ng/ml



#2 Decachlorobiphenyl

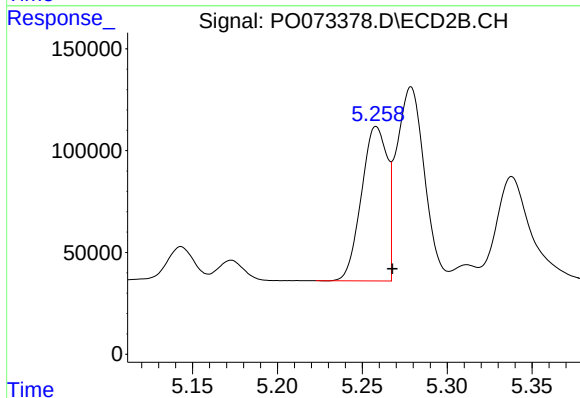
R.T.: 9.275 min
Delta R.T.: -0.009 min
Response: 1476875
Conc: 42.27 ng/ml



#3 AR-1016-1

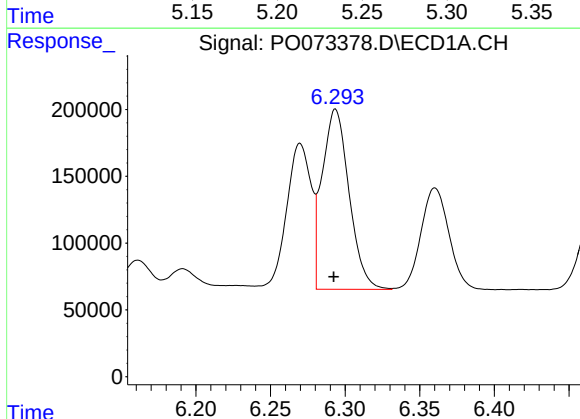
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 1250387
Conc: 477.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



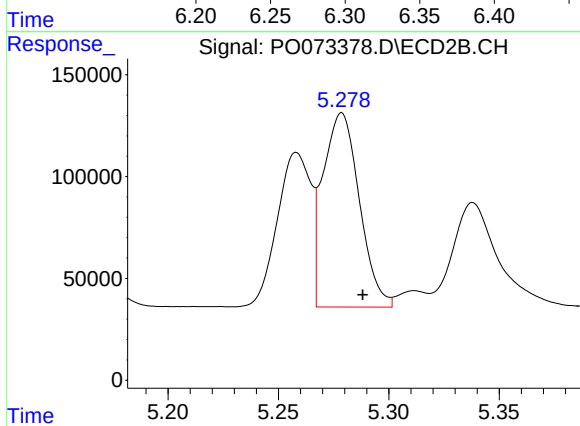
#3 AR-1016-1

R.T.: 5.258 min
Delta R.T.: -0.010 min
Response: 800740
Conc: 520.67 ng/ml



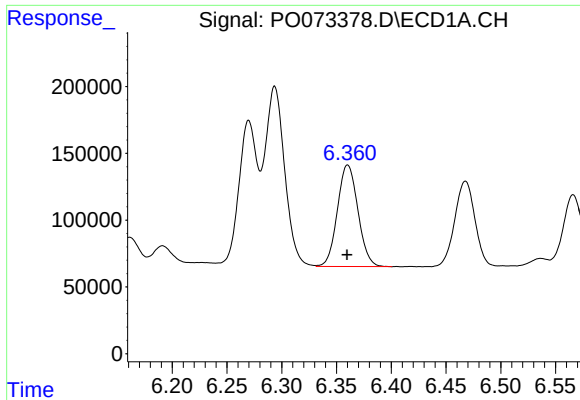
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 1695763
Conc: 484.70 ng/ml



#4 AR-1016-2

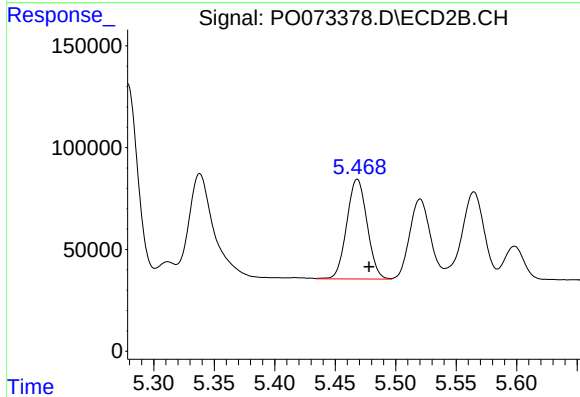
R.T.: 5.279 min
Delta R.T.: -0.010 min
Response: 1092571
Conc: 520.57 ng/ml



#5 AR-1016-3

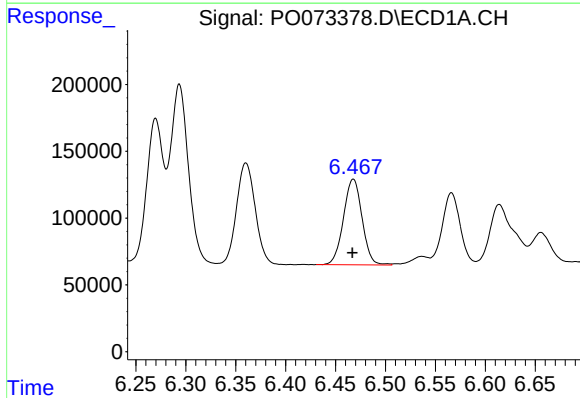
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 993273
Conc: 475.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



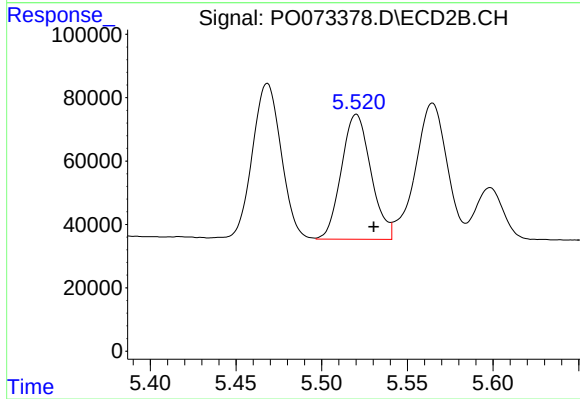
#5 AR-1016-3

R.T.: 5.468 min
Delta R.T.: -0.010 min
Response: 575113
Conc: 578.02 ng/ml



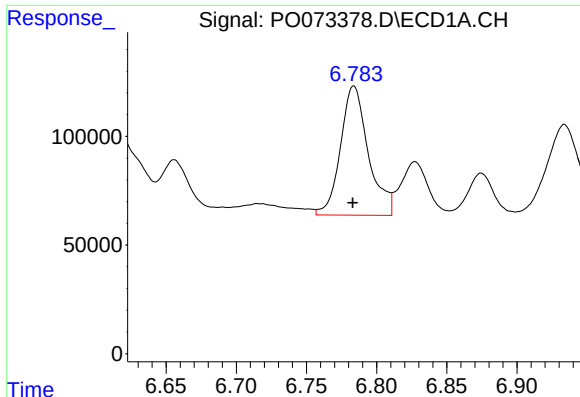
#6 AR-1016-4

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 831237
Conc: 483.48 ng/ml



#6 AR-1016-4

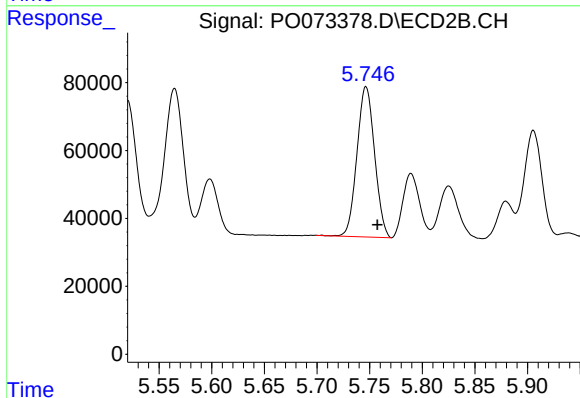
R.T.: 5.520 min
Delta R.T.: -0.010 min
Response: 473824
Conc: 523.37 ng/ml



#7 AR-1016-5

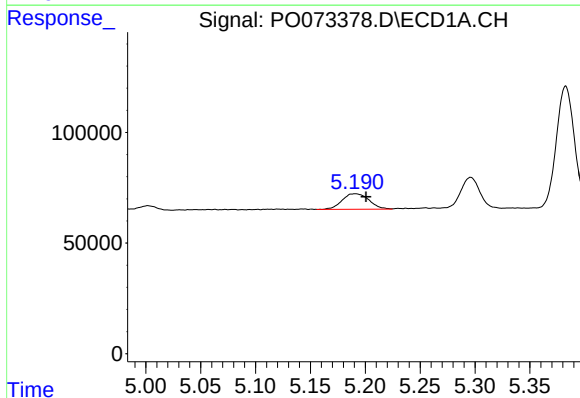
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 822096
Conc: 528.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



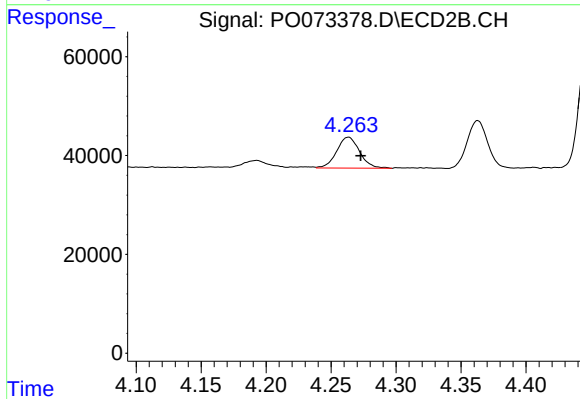
#7 AR-1016-5

R.T.: 5.747 min
Delta R.T.: -0.011 min
Response: 514735
Conc: 450.02 ng/ml



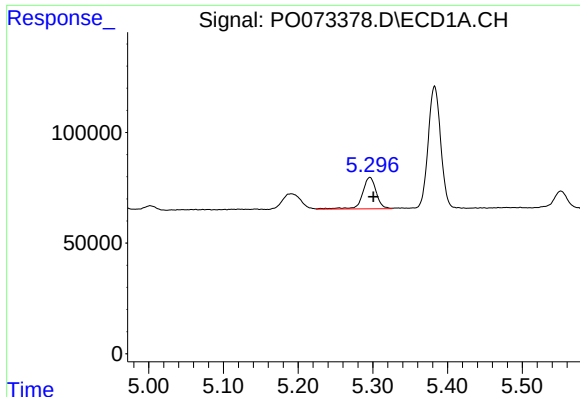
#8 AR-1221-1

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 118872
Conc: 161.57 ng/ml



#8 AR-1221-1

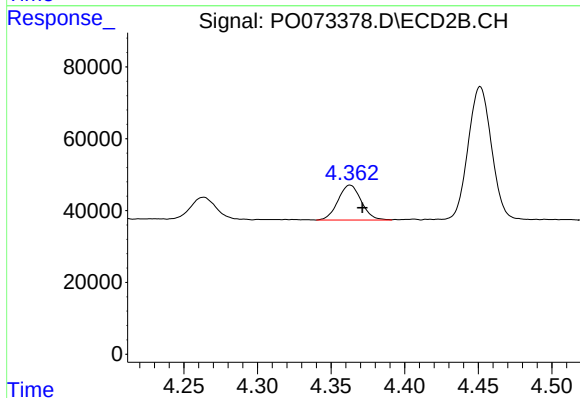
R.T.: 4.264 min
Delta R.T.: -0.009 min
Response: 77236
Conc: 178.60 ng/ml



#9 AR-1221-2

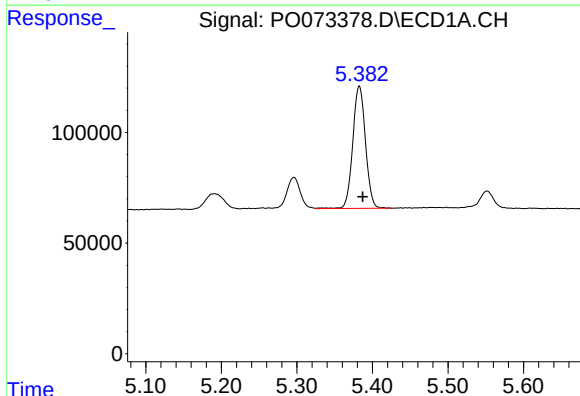
R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 182027
Conc: 337.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



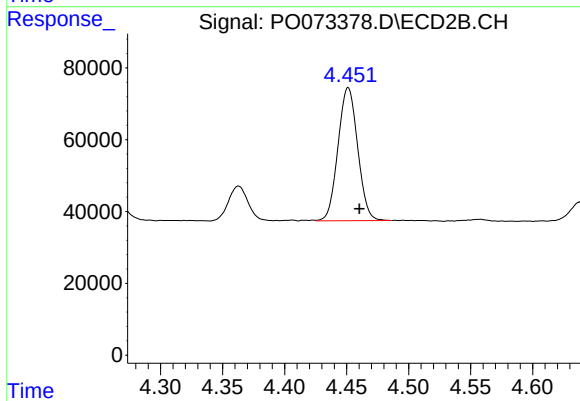
#9 AR-1221-2

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 106346
Conc: 325.70 ng/ml



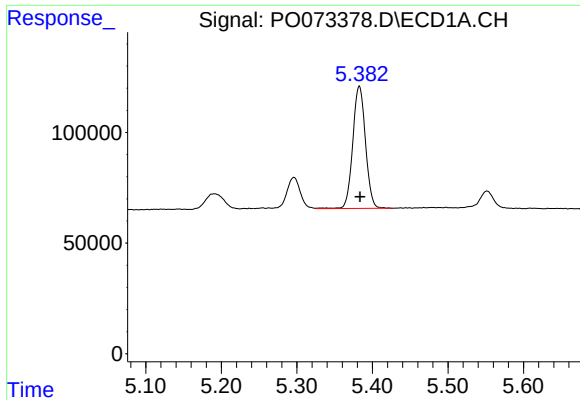
#10 AR-1221-3

R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 647020
Conc: 386.52 ng/ml



#10 AR-1221-3

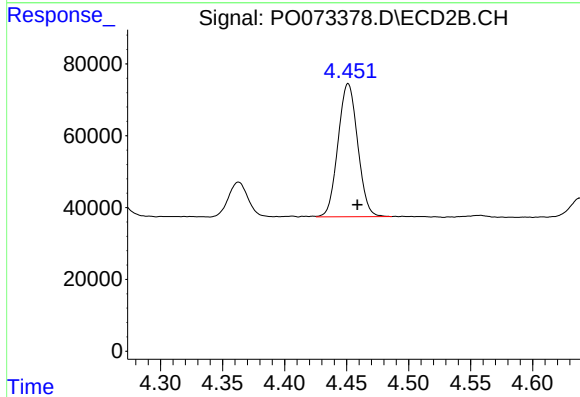
R.T.: 4.451 min
Delta R.T.: -0.009 min
Response: 409159
Conc: 414.40 ng/ml



#11 AR-1232-1

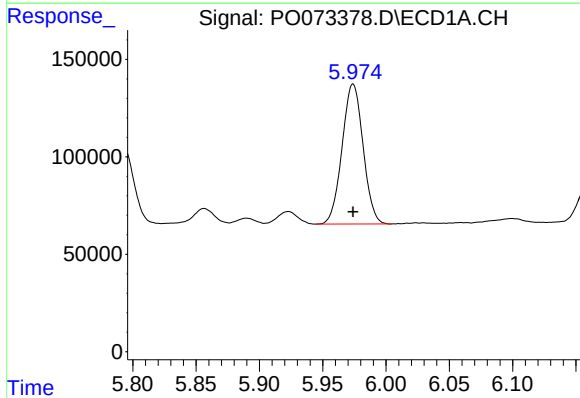
R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 647020
Conc: 451.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



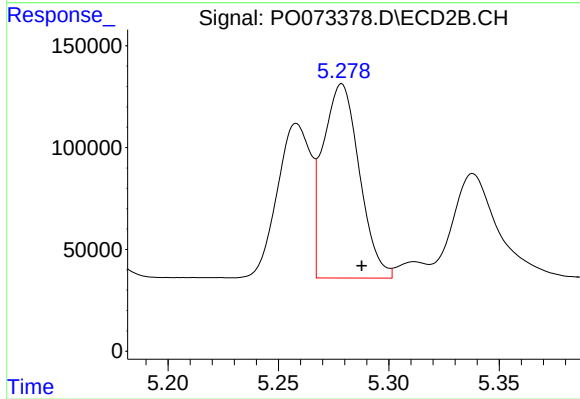
#11 AR-1232-1

R.T.: 4.451 min
Delta R.T.: -0.008 min
Response: 409159
Conc: 476.01 ng/ml



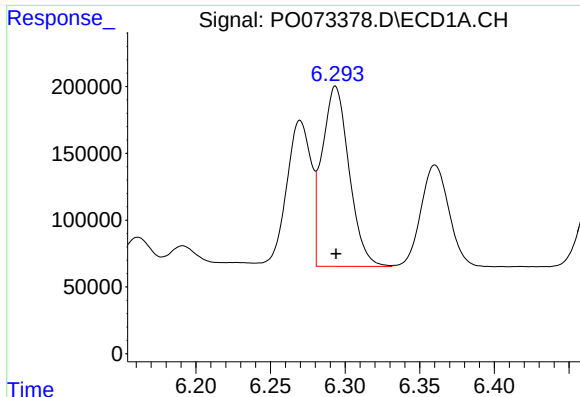
#12 AR-1232-2

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 829008
Conc: 1140.94 ng/ml



#12 AR-1232-2

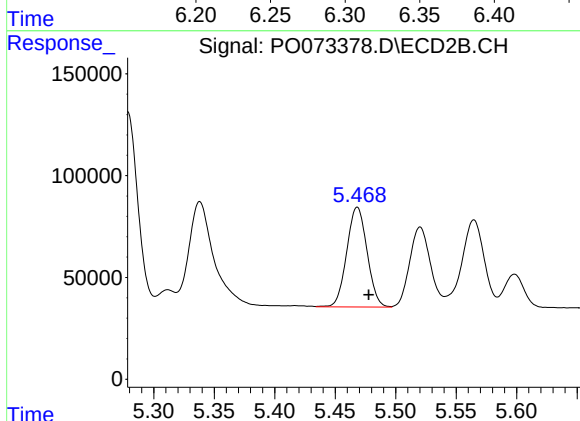
R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 1092571
Conc: 1171.97 ng/ml



#13 AR-1232-3

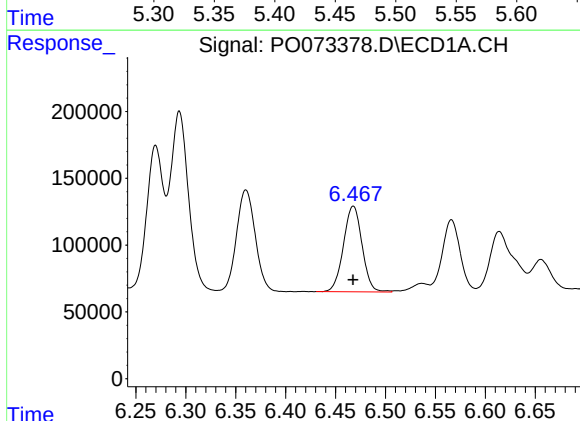
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 1695763
Conc: 1095.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



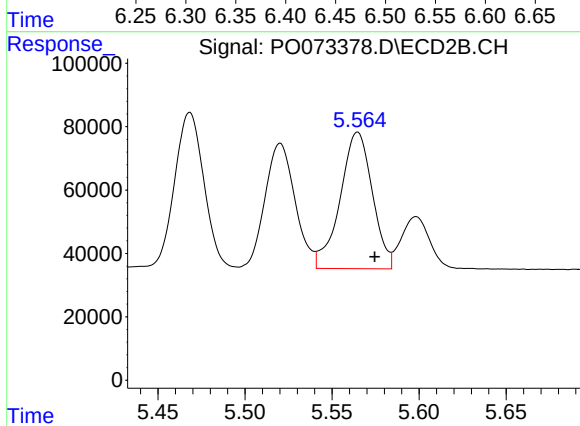
#13 AR-1232-3

R.T.: 5.468 min
Delta R.T.: -0.009 min
Response: 575113
Conc: 1273.04 ng/ml



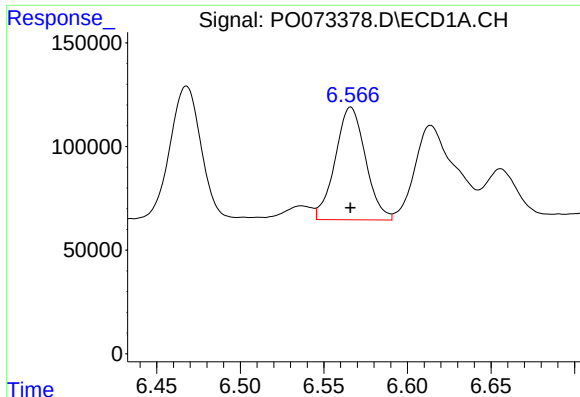
#14 AR-1232-4

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 831237
Conc: 1118.44 ng/ml



#14 AR-1232-4

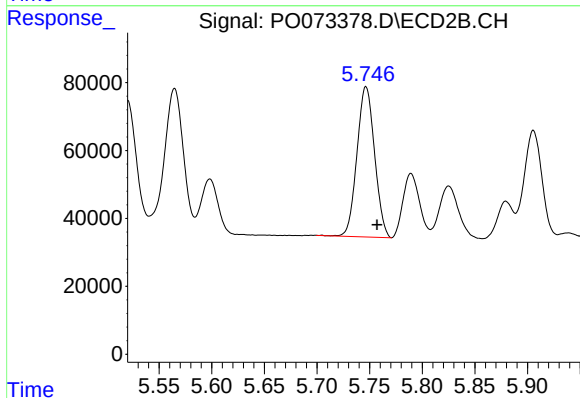
R.T.: 5.565 min
Delta R.T.: -0.010 min
Response: 555747
Conc: 1261.48 ng/ml



#15 AR-1232-5

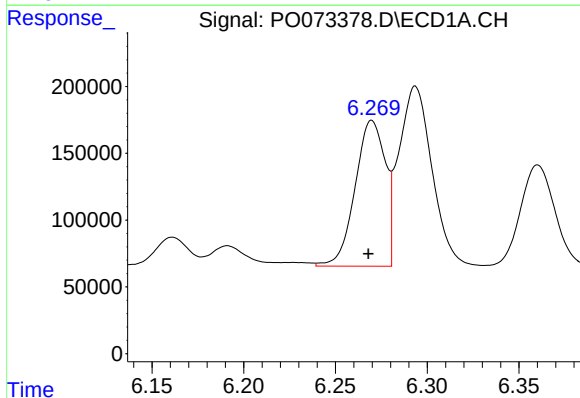
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 685395
Conc: 1309.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



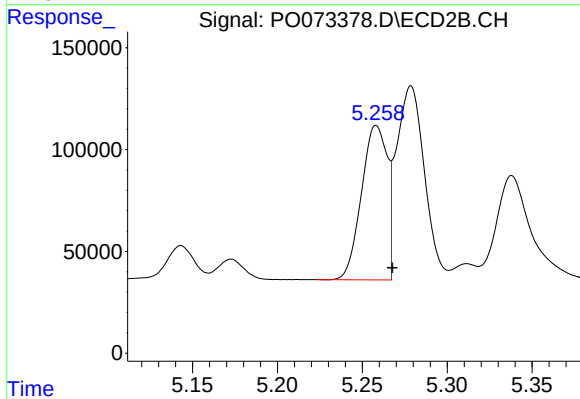
#15 AR-1232-5

R.T.: 5.747 min
Delta R.T.: -0.010 min
Response: 514735
Conc: 1036.18 ng/ml



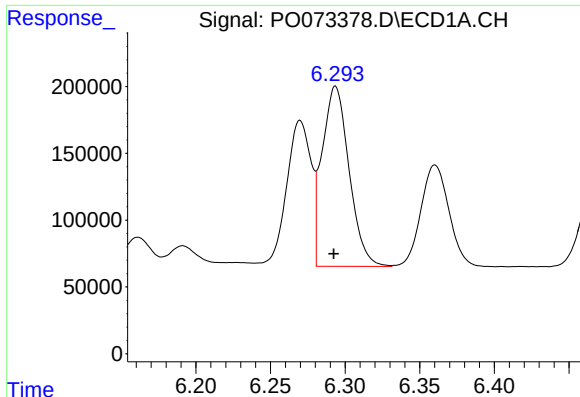
#16 AR-1242-1

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 1250387
Conc: 587.43 ng/ml



#16 AR-1242-1

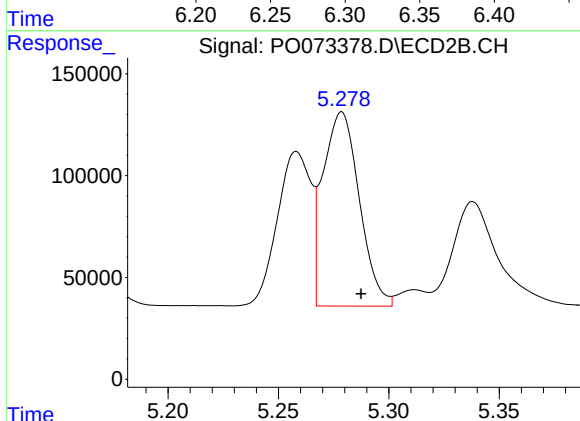
R.T.: 5.258 min
Delta R.T.: -0.009 min
Response: 800740
Conc: 647.60 ng/ml



#17 AR-1242-2

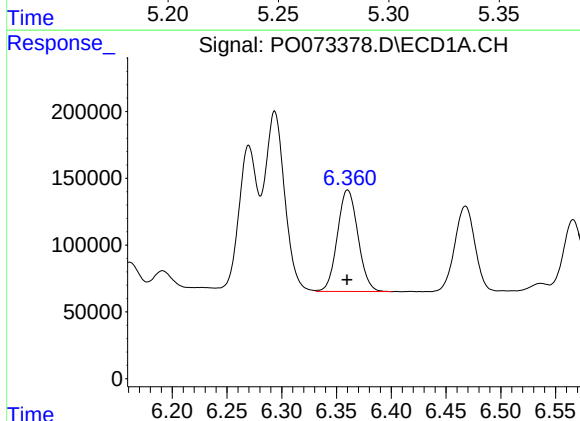
R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 1695763
Conc: 599.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



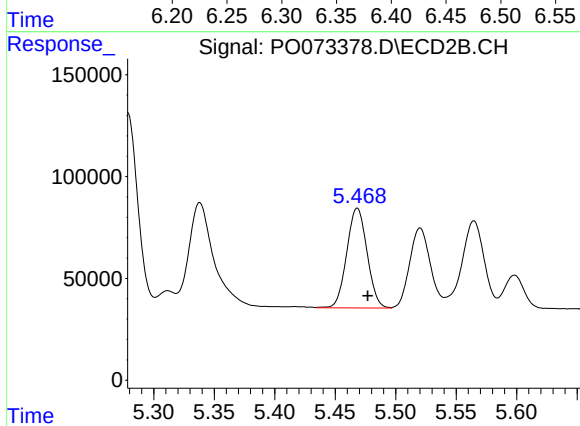
#17 AR-1242-2

R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 1092571
Conc: 655.05 ng/ml



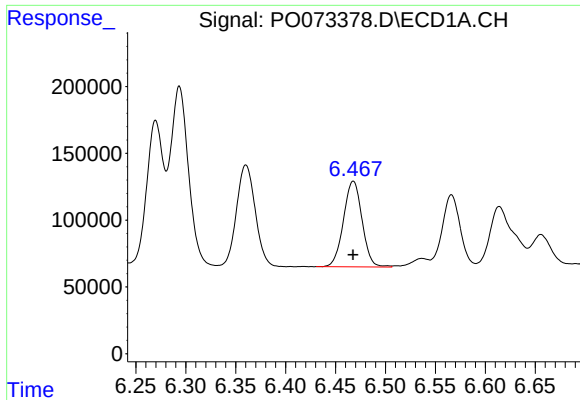
#18 AR-1242-3

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 993273
Conc: 590.86 ng/ml



#18 AR-1242-3

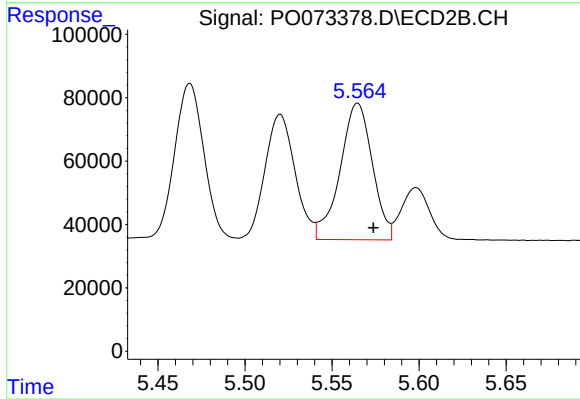
R.T.: 5.468 min
Delta R.T.: -0.009 min
Response: 575113
Conc: 696.85 ng/ml



#19 AR-1242-4

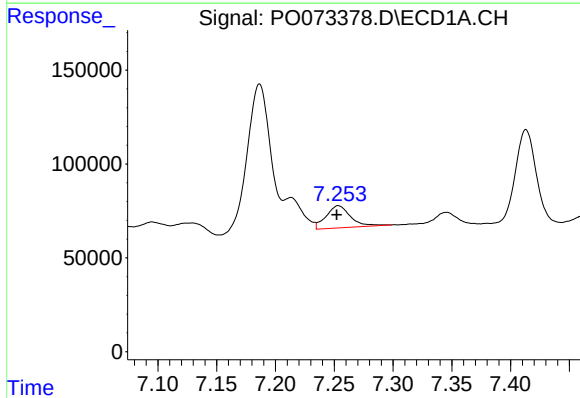
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 831237
Conc: 582.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



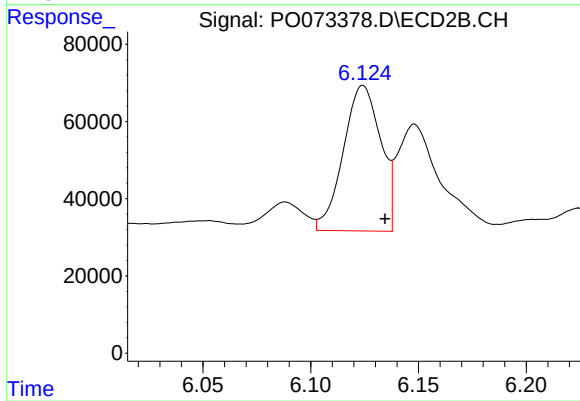
#19 AR-1242-4

R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 555747
Conc: 628.28 ng/ml



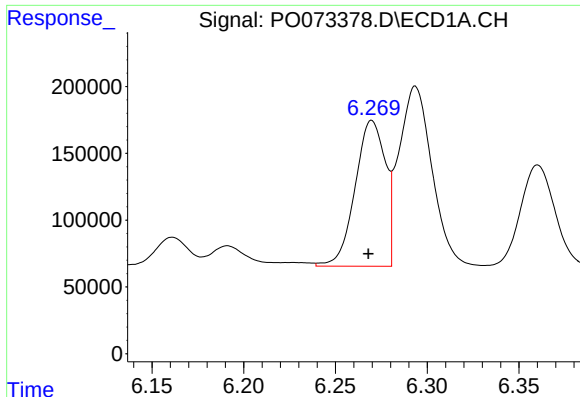
#20 AR-1242-5

R.T.: 7.254 min
Delta R.T.: 0.002 min
Response: 171675
Conc: 107.22 ng/ml



#20 AR-1242-5

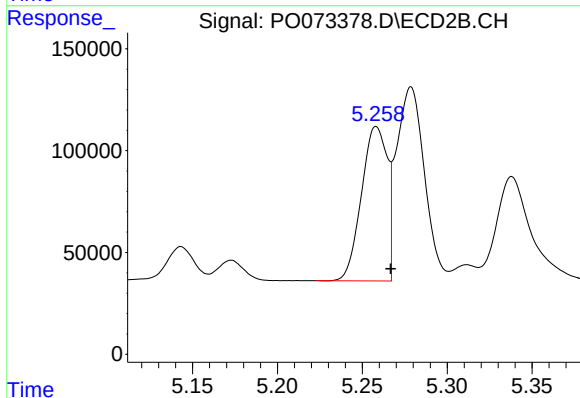
R.T.: 6.124 min
Delta R.T.: -0.010 min
Response: 454513
Conc: 389.59 ng/ml



#21 AR-1248-1

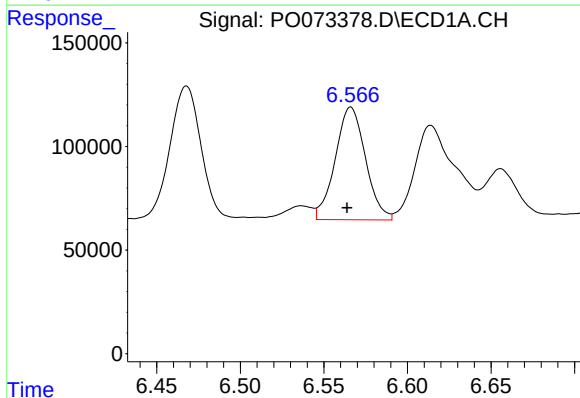
R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 1250387
Conc: 833.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



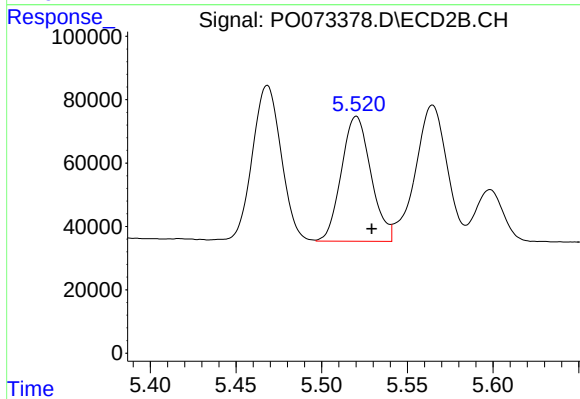
#21 AR-1248-1

R.T.: 5.258 min
Delta R.T.: -0.009 min
Response: 800740
Conc: 850.37 ng/ml



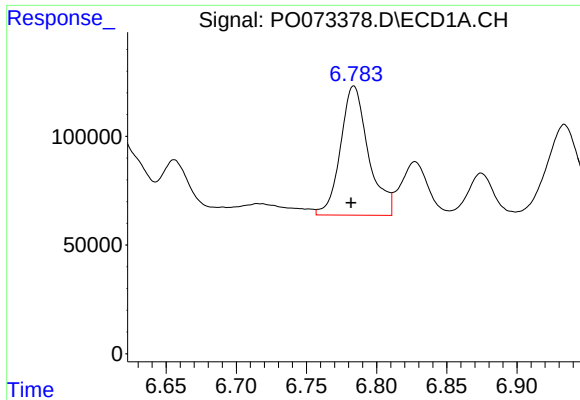
#22 AR-1248-2

R.T.: 6.566 min
Delta R.T.: 0.002 min
Response: 685395
Conc: 345.47 ng/ml



#22 AR-1248-2

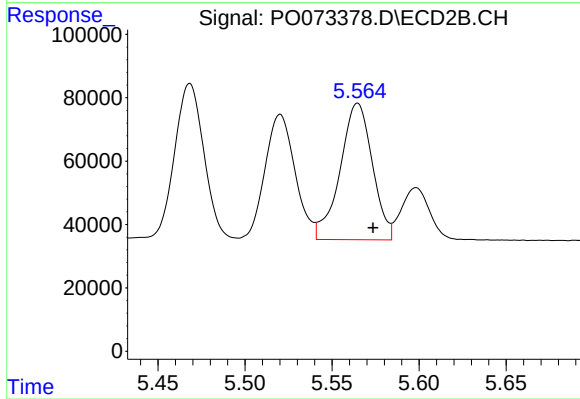
R.T.: 5.520 min
Delta R.T.: -0.009 min
Response: 473824
Conc: 374.16 ng/ml



#23 AR-1248-3

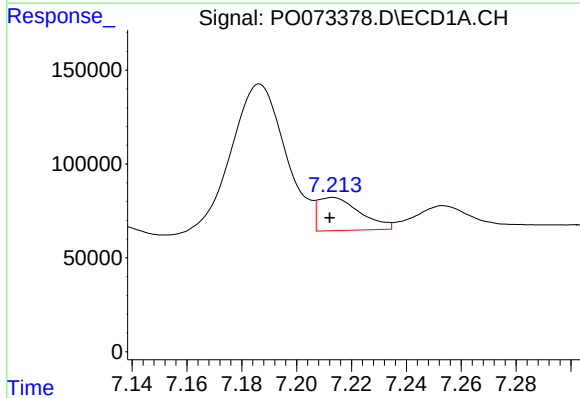
R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 822096
Conc: 366.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



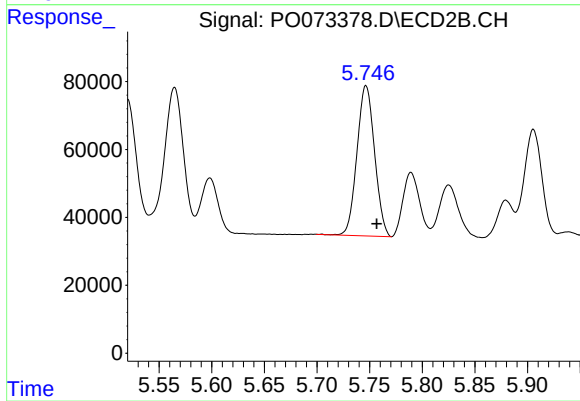
#23 AR-1248-3

R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 555747
Conc: 422.56 ng/ml



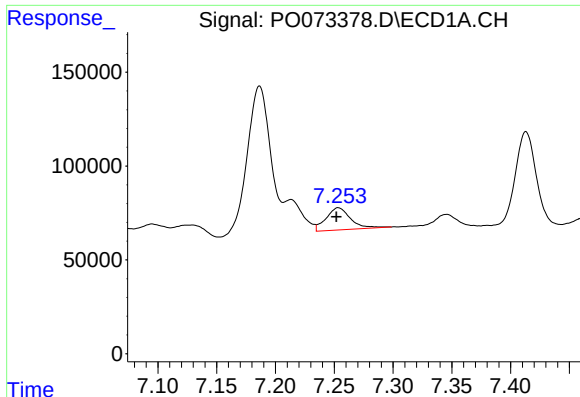
#24 AR-1248-4

R.T.: 7.213 min
Delta R.T.: 0.001 min
Response: 188348
Conc: 63.36 ng/ml



#24 AR-1248-4

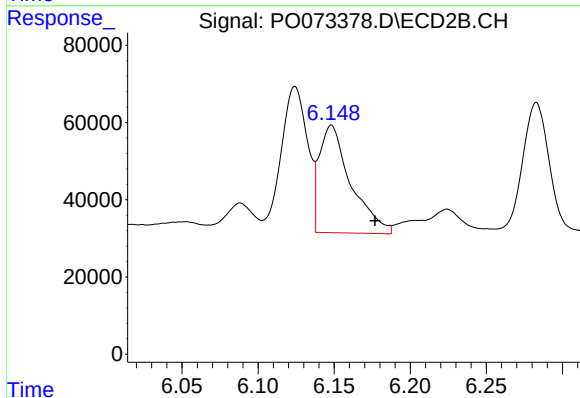
R.T.: 5.747 min
Delta R.T.: -0.010 min
Response: 514735
Conc: 325.15 ng/ml



#25 AR-1248-5

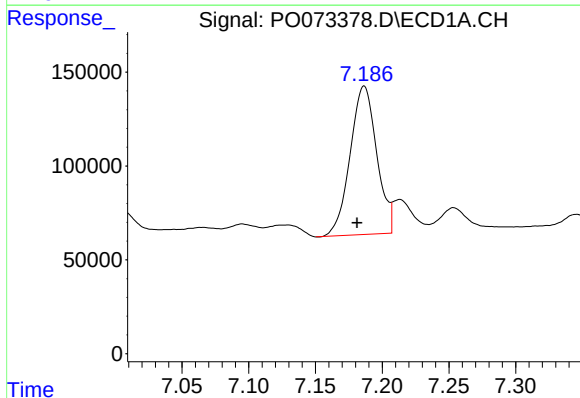
R.T.: 7.254 min
Delta R.T.: 0.002 min
Response: 171675
Conc: 61.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



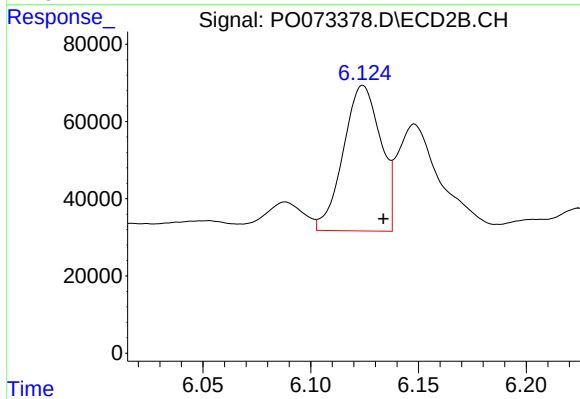
#25 AR-1248-5

R.T.: 6.148 min
Delta R.T.: -0.029 min
Response: 402065
Conc: 242.46 ng/ml



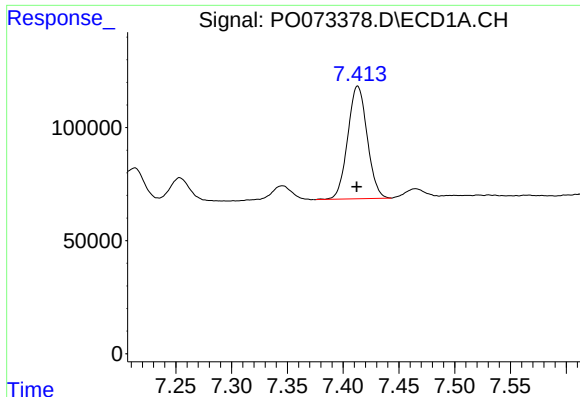
#26 AR-1254-1

R.T.: 7.186 min
Delta R.T.: 0.005 min
Response: 1095556
Conc: 372.02 ng/ml



#26 AR-1254-1

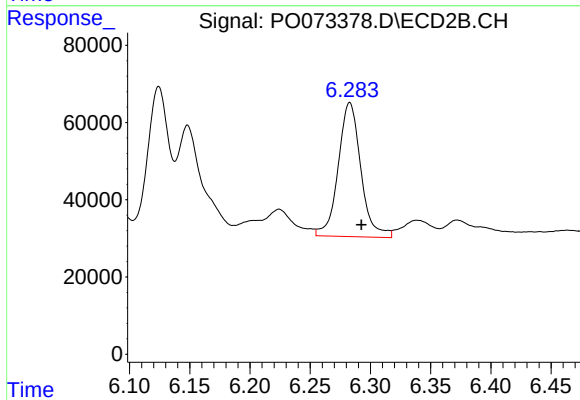
R.T.: 6.124 min
Delta R.T.: -0.009 min
Response: 454513
Conc: 184.83 ng/ml



#27 AR-1254-2

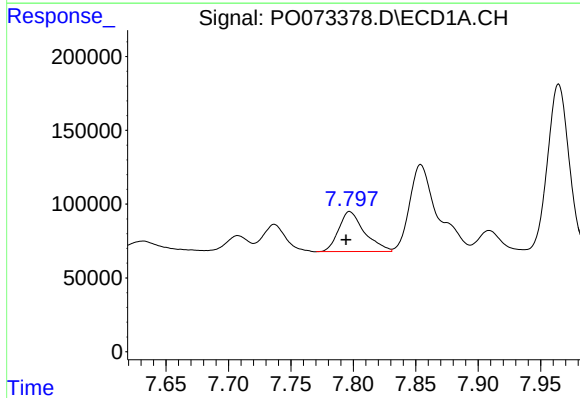
R.T.: 7.413 min
Delta R.T.: 0.001 min
Response: 605344
Conc: 127.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



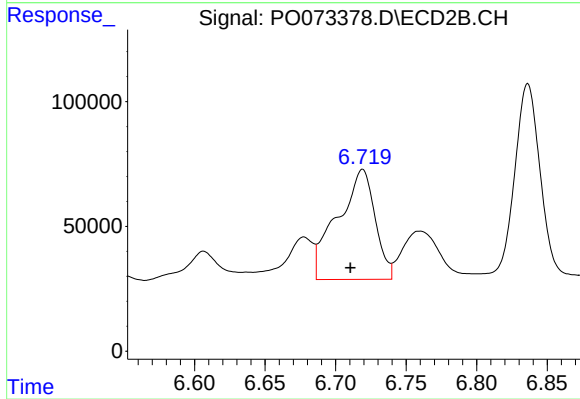
#27 AR-1254-2

R.T.: 6.283 min
Delta R.T.: -0.010 min
Response: 453579
Conc: 207.45 ng/ml



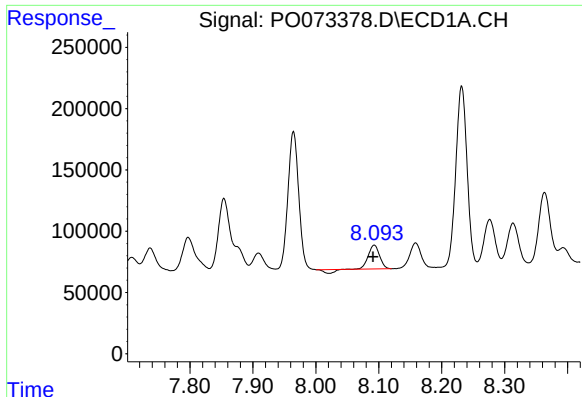
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.003 min
Response: 390383
Conc: 81.65 ng/ml



#28 AR-1254-3

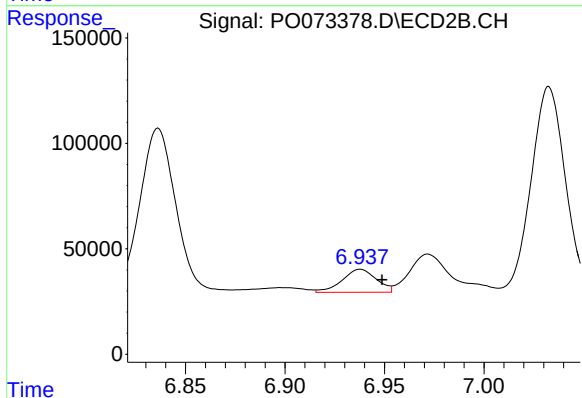
R.T.: 6.719 min
Delta R.T.: 0.009 min
Response: 816941
Conc: 223.77 ng/ml



#29 AR-1254-4

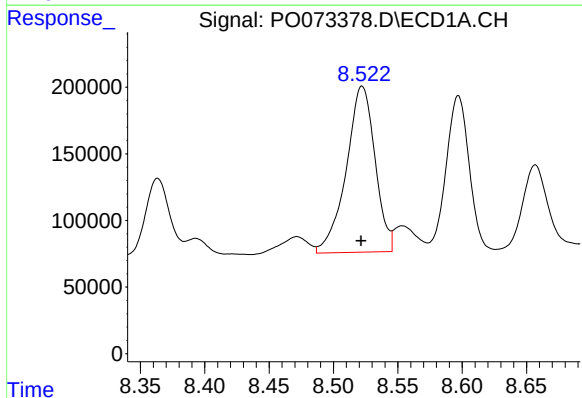
R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 214671
Conc: 50.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



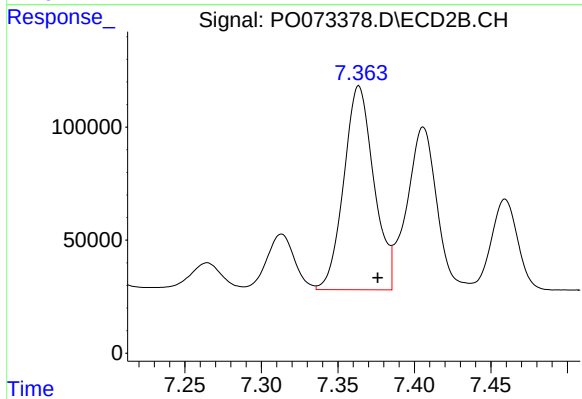
#29 AR-1254-4

R.T.: 6.938 min
Delta R.T.: -0.011 min
Response: 131051
Conc: 54.80 ng/ml



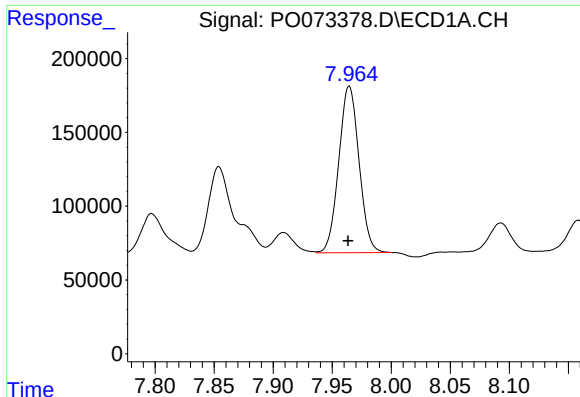
#30 AR-1254-5

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 1943865
Conc: 486.95 ng/ml



#30 AR-1254-5

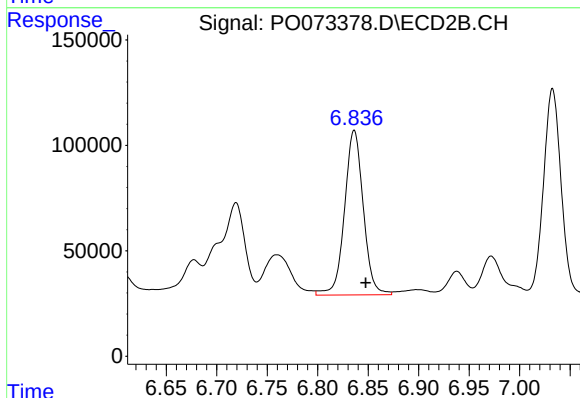
R.T.: 7.364 min
Delta R.T.: -0.012 min
Response: 1235919
Conc: 372.88 ng/ml



#31 AR-1260-1

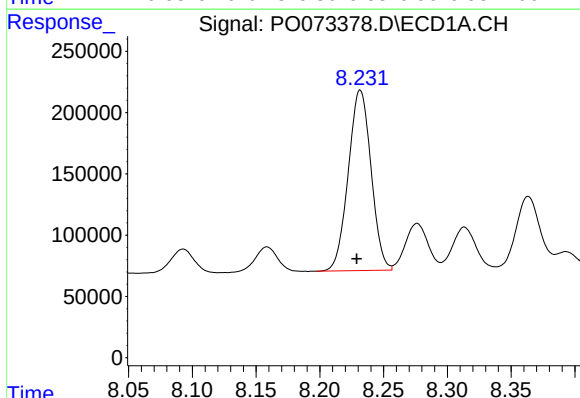
R.T.: 7.964 min
Delta R.T.: 0.001 min
Response: 1349395
Conc: 451.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



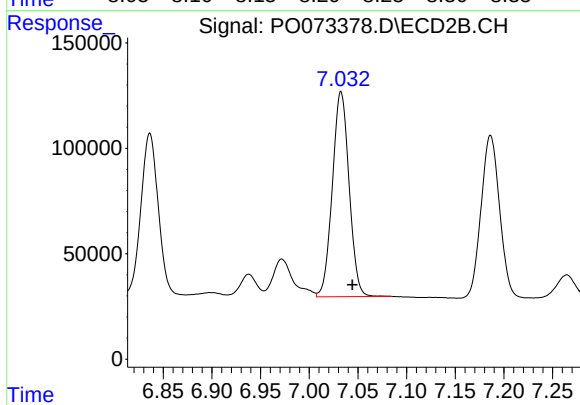
#31 AR-1260-1

R.T.: 6.836 min
Delta R.T.: -0.011 min
Response: 1009203
Conc: 445.26 ng/ml



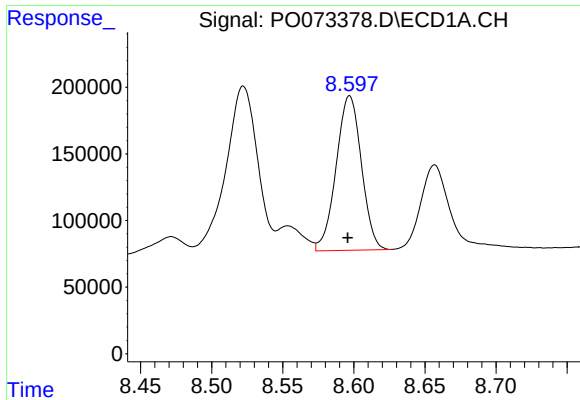
#32 AR-1260-2

R.T.: 8.232 min
Delta R.T.: 0.003 min
Response: 1832254
Conc: 427.64 ng/ml



#32 AR-1260-2

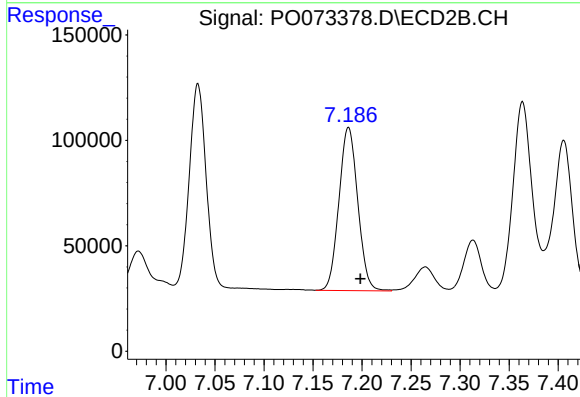
R.T.: 7.033 min
Delta R.T.: -0.012 min
Response: 1164024
Conc: 432.35 ng/ml



#33 AR-1260-3

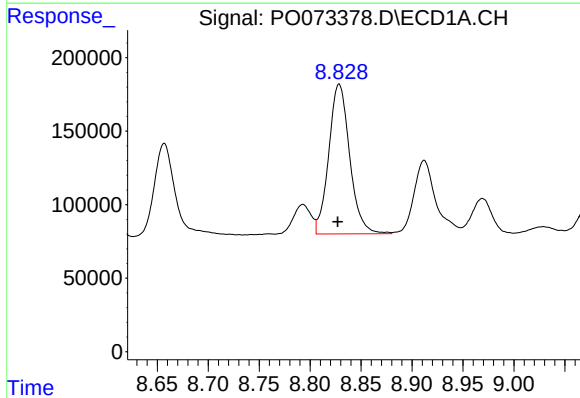
R.T.: 8.597 min
Delta R.T.: 0.001 min
Response: 1432849
Conc: 442.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



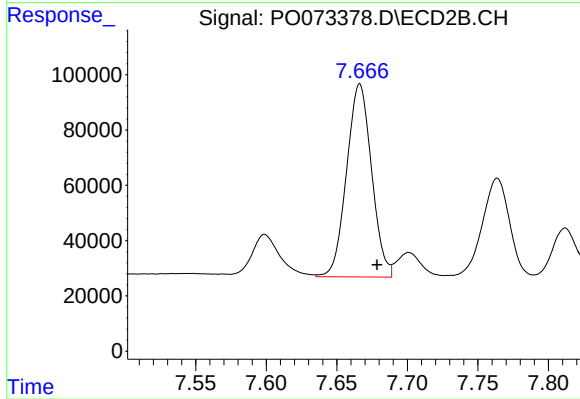
#33 AR-1260-3

R.T.: 7.186 min
Delta R.T.: -0.012 min
Response: 1033052
Conc: 419.49 ng/ml



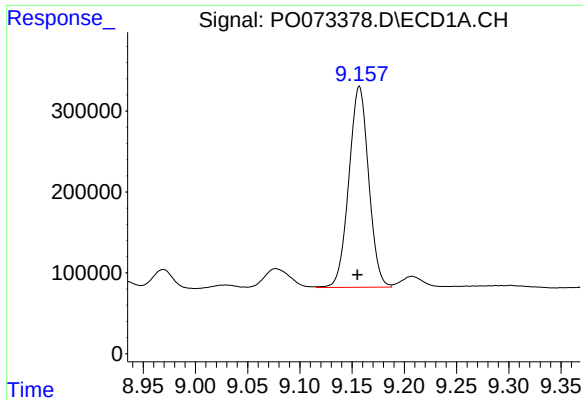
#34 AR-1260-4

R.T.: 8.829 min
Delta R.T.: 0.001 min
Response: 1458720
Conc: 467.56 ng/ml



#34 AR-1260-4

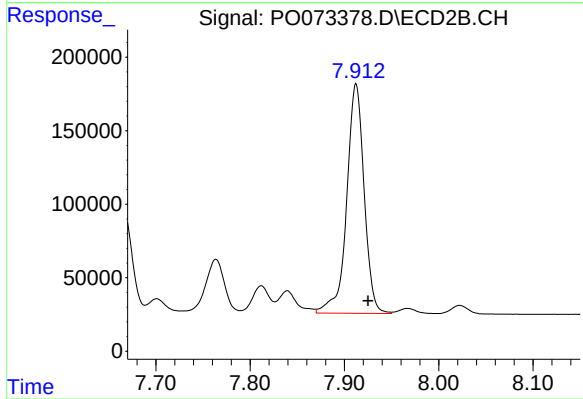
R.T.: 7.666 min
Delta R.T.: -0.012 min
Response: 861709
Conc: 422.81 ng/ml



#35 AR-1260-5

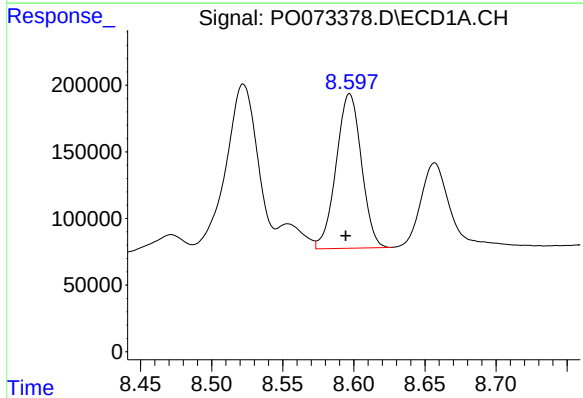
R.T.: 9.157 min
Delta R.T.: 0.002 min
Response: 3276220
Conc: 455.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



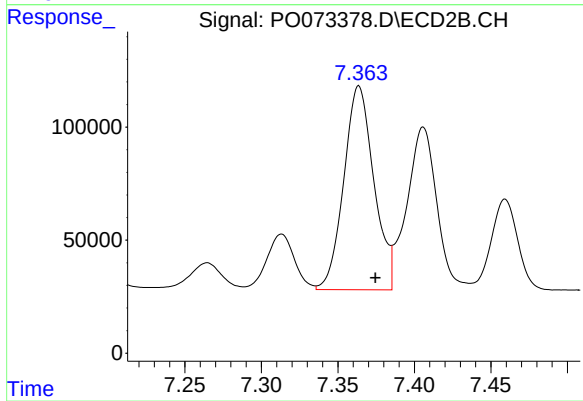
#35 AR-1260-5

R.T.: 7.912 min
Delta R.T.: -0.013 min
Response: 2005732
Conc: 423.75 ng/ml



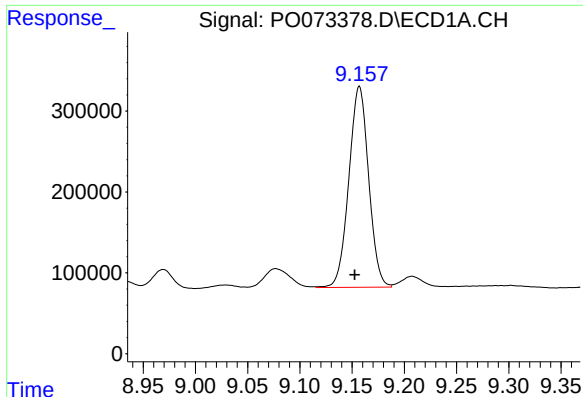
#36 AR-1262-1

R.T.: 8.597 min
Delta R.T.: 0.003 min
Response: 1432849
Conc: 289.80 ng/ml



#36 AR-1262-1

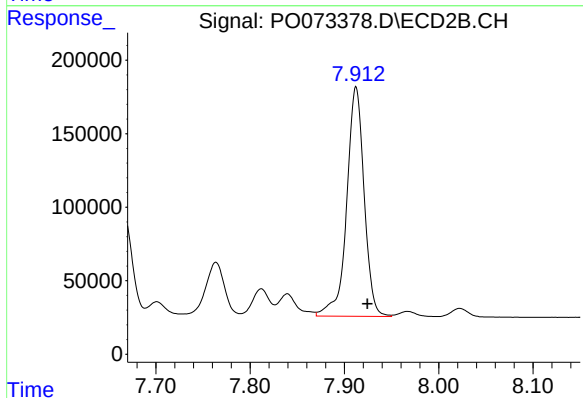
R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 1235919
Conc: 770.37 ng/ml



#37 AR-1262-2

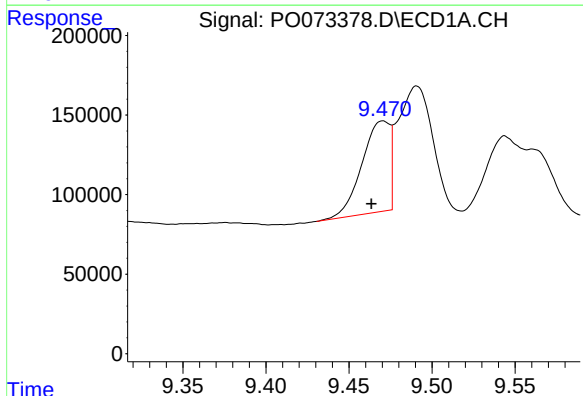
R.T.: 9.157 min
Delta R.T.: 0.004 min
Response: 3276220
Conc: 398.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



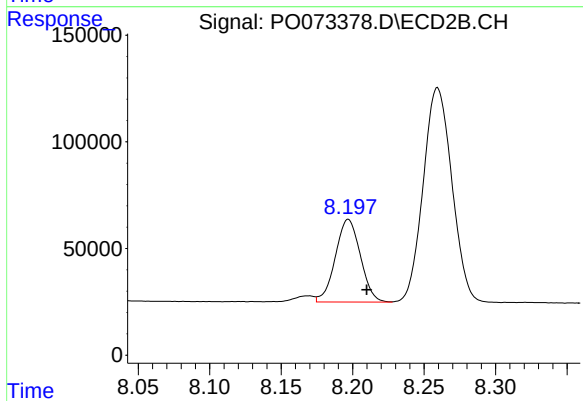
#37 AR-1262-2

R.T.: 7.912 min
Delta R.T.: -0.012 min
Response: 2005732
Conc: 382.02 ng/ml



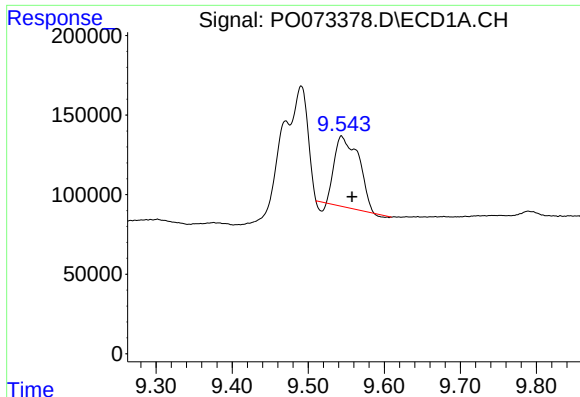
#38 AR-1262-3

R.T.: 9.470 min
Delta R.T.: 0.007 min
Response: 666573
Conc: 129.18 ng/ml



#38 AR-1262-3

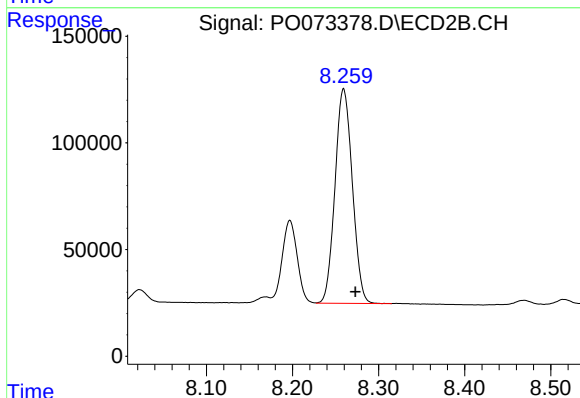
R.T.: 8.197 min
Delta R.T.: -0.013 min
Response: 473305
Conc: 226.22 ng/ml



#39 AR-1262-4

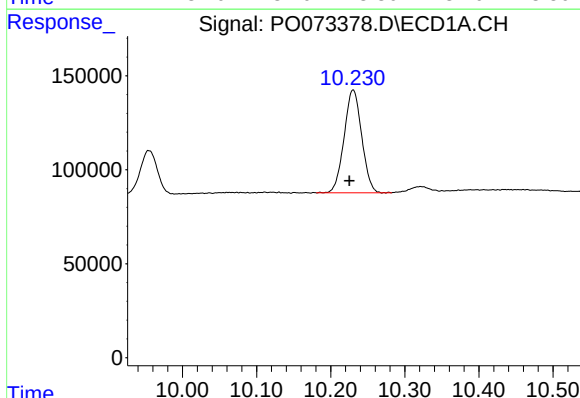
R.T.: 9.544 min
Delta R.T.: -0.014 min
Response: 950149
Conc: 240.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



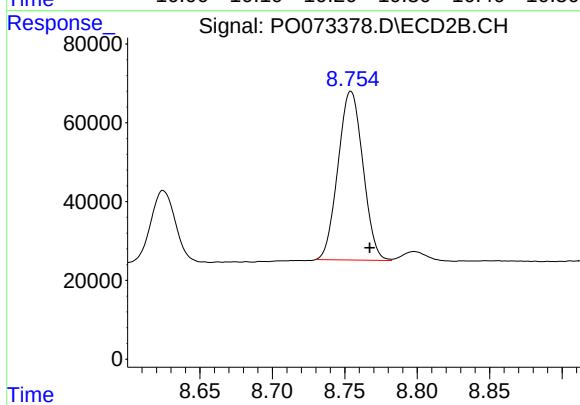
#39 AR-1262-4

R.T.: 8.259 min
Delta R.T.: -0.014 min
Response: 1408579
Conc: 371.47 ng/ml



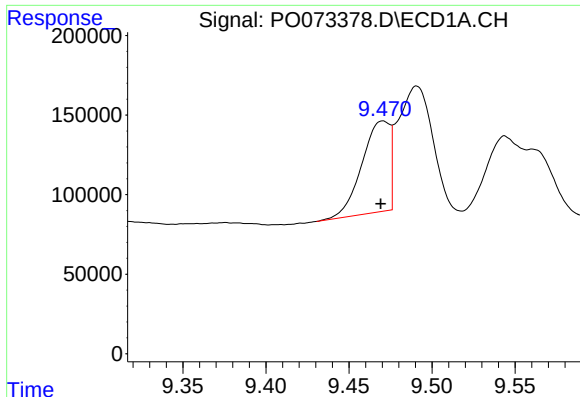
#40 AR-1262-5

R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 902710
Conc: 329.75 ng/ml



#40 AR-1262-5

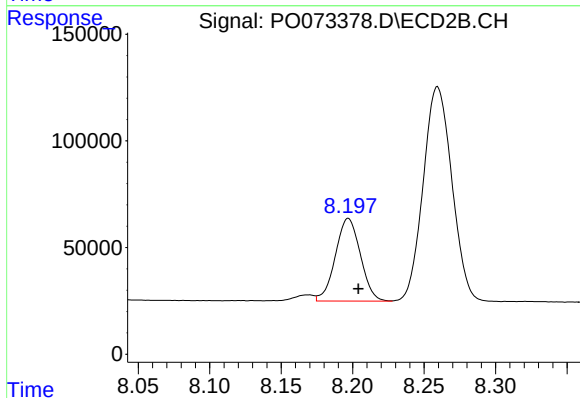
R.T.: 8.754 min
Delta R.T.: -0.013 min
Response: 513427
Conc: 298.42 ng/ml



#41 AR-1268-1

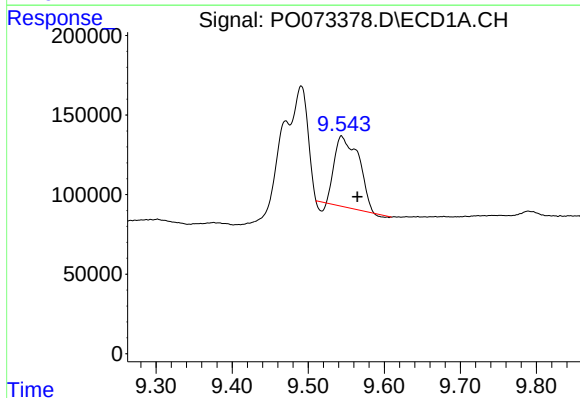
R.T.: 9.470 min
Delta R.T.: 0.001 min
Response: 666573
Conc: 63.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



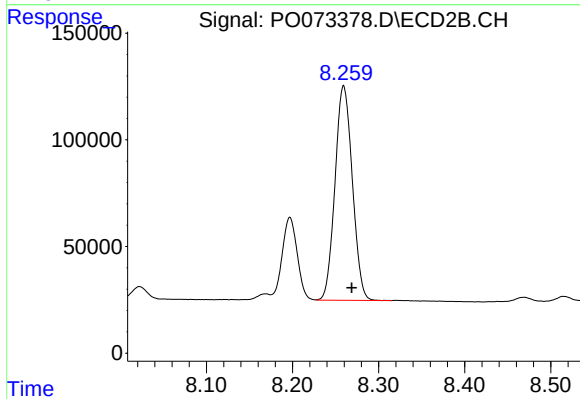
#41 AR-1268-1

R.T.: 8.197 min
Delta R.T.: -0.007 min
Response: 473305
Conc: 79.42 ng/ml



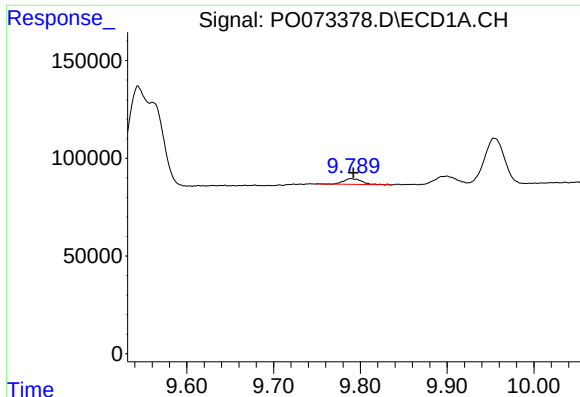
#42 AR-1268-2

R.T.: 9.544 min
Delta R.T.: -0.021 min
Response: 950149
Conc: 103.91 ng/ml



#42 AR-1268-2

R.T.: 8.259 min
Delta R.T.: -0.009 min
Response: 1408579
Conc: 267.92 ng/ml



#43 AR-1268-3

R.T.: 9.789 min
Delta R.T.: -0.003 min
Response: 43942
Conc: 5.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

#43 AR-1268-3

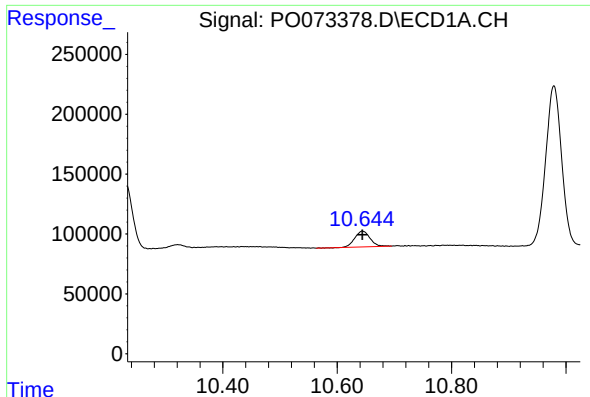
R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 26440
Conc: 5.81 ng/ml

#44 AR-1268-4

R.T.: 10.230 min
Delta R.T.: -0.001 min
Response: 902710
Conc: 287.27 ng/ml

#44 AR-1268-4

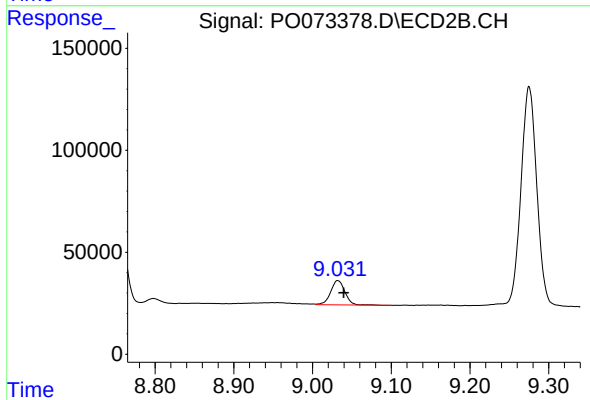
R.T.: 8.754 min
Delta R.T.: -0.006 min
Response: 513427
Conc: 278.12 ng/ml



#45 AR-1268-5

R.T.: 10.644 min
Delta R.T.: 0.000 min
Response: 242548
Conc: 9.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 149236
Conc: 10.39 ng/ml