

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080819\
 Data File : P0059062.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Aug 2019 19:46
 Operator : SM/SJ
 Sample : K4223-19MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-10MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:21:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.156	3.516	842409	728742	19.961	18.241
2)	SA Decachlor...	9.658	8.397	622318	451737	11.491	11.444
Target Compounds							
3)	L1 AR-1016-1	5.332	4.588	353491	414469	188.634	284.276 #
4)	L1 AR-1016-2	5.332	4.588	353491	414469	128.471	193.082 #
5)	L1 AR-1016-3	5.393	4.762	300550	271387	177.009	238.954 #
6)	L1 AR-1016-4	5.490	4.802	-210853	175424	N.D.	185.968 #
7)	L1 AR-1016-5	5.819	5.011	70814	174349	49.436	141.582 #
8)	L2 AR-1221-1	4.365	3.719	54343	73199	119.628	181.711 #
9)	L2 AR-1221-2	4.455	3.807	53590	78361	155.435	262.548 #
10)	L2 AR-1221-3	4.531	3.879	233143	165745	212.608	173.264
11)	L3 AR-1232-1	4.531	3.879	233143	165745	258.242	210.990
12)	L3 AR-1232-2	5.047	4.588	306966	414469	624.045	490.217
13)	L3 AR-1232-3	5.332	4.762	353491	271387	330.139	617.092 #
14)	L3 AR-1232-4	5.490	4.842	-210853	202560	N.D.	512.457 #
15)	L3 AR-1232-5	5.622	5.011	251211	174349	615.620	396.023 #
16)	L4 AR-1242-1	5.332	4.588	353491	414469	276.046	408.276 #
17)	L4 AR-1242-2	5.332	4.588	353491	414469	186.867	274.545 #
18)	L4 AR-1242-3	5.393	4.762	300550	271387	256.213	333.241 #
19)	L4 AR-1242-4	5.490	4.842	-210853	202560	N.D.	250.374 #
20)	L4 AR-1242-5	6.219	5.367	162351	539299	138.221	502.756 #
21)	L5 AR-1248-1	5.332	4.588	353491	414469	349.644	518.316 #
22)	L5 AR-1248-2	5.622	4.802	251211	175424	173.778	158.326
23)	L5 AR-1248-3	5.819	4.842	70814	202560	43.111	177.971 #
24)	L5 AR-1248-4	6.219	5.011	162351	174349	80.163	124.804 #
25)	L5 AR-1248-5	6.219	5.397	162351	62007	84.105	44.762 #
26)	L6 AR-1254-1	6.159	5.367	850432	539299	360.155	208.180 #
27)	L6 AR-1254-2	6.374	5.523	577650	59602	149.885	26.033 #
28)	L6 AR-1254-3	6.734	5.909	313006	324614	77.292	88.226
29)	L6 AR-1254-4	7.014	6.150	123417	154253	34.276	66.339 #
30)	L6 AR-1254-5	7.460	6.533	148238	583565	40.896	169.171 #
31)	L7 AR-1260-1	6.891	6.023	546291	397859	189.741	167.164
32)	L7 AR-1260-2	7.147	6.211	1089451	505016	261.884	166.710 #
33)	L7 AR-1260-3	7.502	6.360	470188	424510	126.260	157.235
34)	L7 AR-1260-4	7.728	6.823	479996	308516	140.853	136.540
35)	L7 AR-1260-5	8.036	7.067	967346	709451	131.526	131.737
36)	L8 AR-1262-1	7.502	6.567	470188	380773	93.286	106.607
37)	L8 AR-1262-2	8.036	7.067	967346	709451	121.539	125.656
38)	L8 AR-1262-3	8.339	7.342	389469	174775	76.616	70.815
39)	L8 AR-1262-4	8.385	7.407	337713	584331	89.116	137.613 #
40)	L8 AR-1262-5	9.001	7.901	212104	120707	92.318	70.987
41)	L9 AR-1268-1	8.339	7.342	389469	174775	34.869	21.458 #
42)	L9 AR-1268-2	8.385	7.407	337713	584331	35.953	77.118 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080819\
Data File : P0059062.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Aug 2019 19:46
Operator : SM/SJ
Sample : K4223-19MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

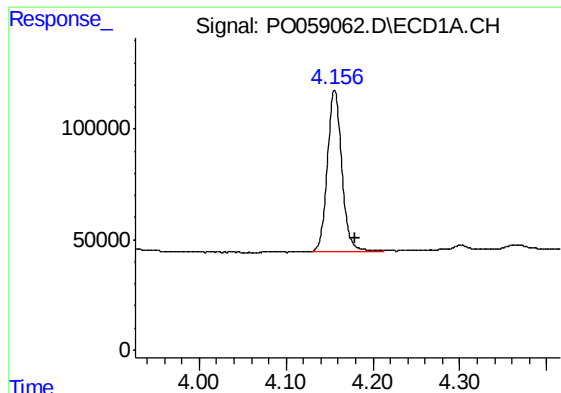
Instrument :
ECD_O
ClientSampleId :
SP-10MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:21:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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
43)	L9 AR-1268-3	8.607	7.604	47188	69603	5.713	10.889 #
44)	L9 AR-1268-4	9.001	7.901	212104	120707	70.955	52.014 #
45)	L9 AR-1268-5	9.364	8.168	72973	33400	3.399	1.949 #

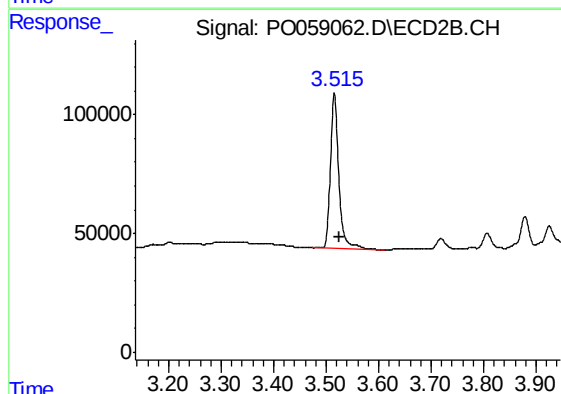
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

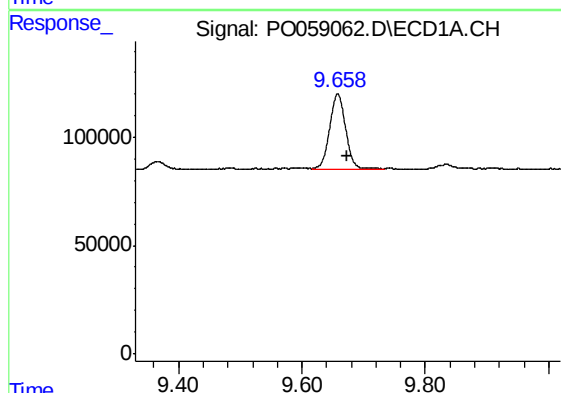
R.T.: 4.156 min
Delta R.T.: -0.023 min
Response: 842409
Conc: 19.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



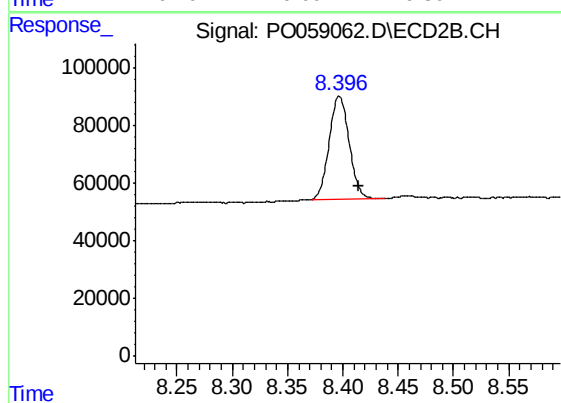
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 728742
Conc: 18.24 ng/ml



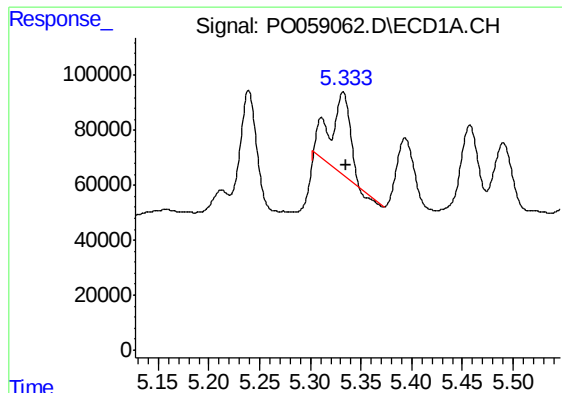
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.015 min
Response: 622318
Conc: 11.49 ng/ml



#2 Decachlorobiphenyl

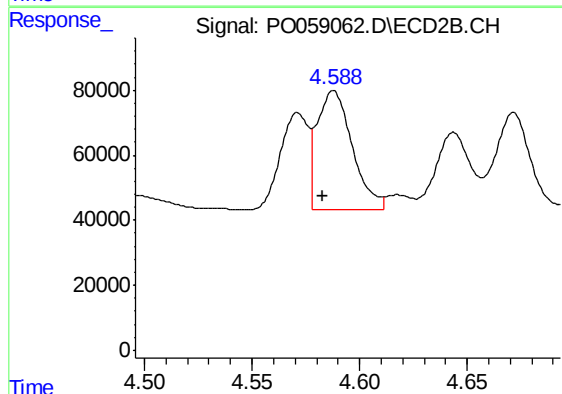
R.T.: 8.397 min
Delta R.T.: -0.017 min
Response: 451737
Conc: 11.44 ng/ml



#3 AR-1016-1

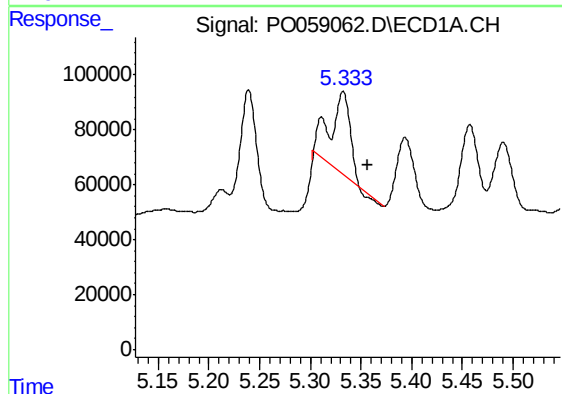
R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 353491
Conc: 188.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



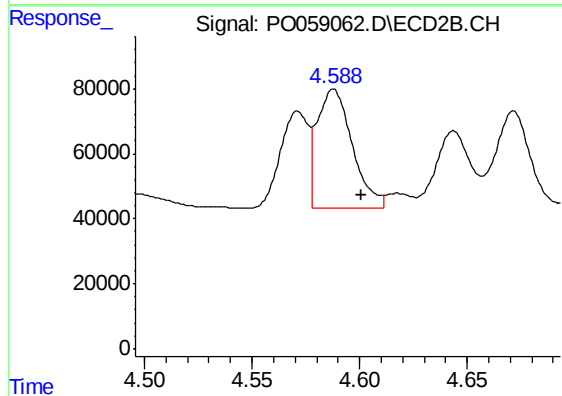
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 414469
Conc: 284.28 ng/ml



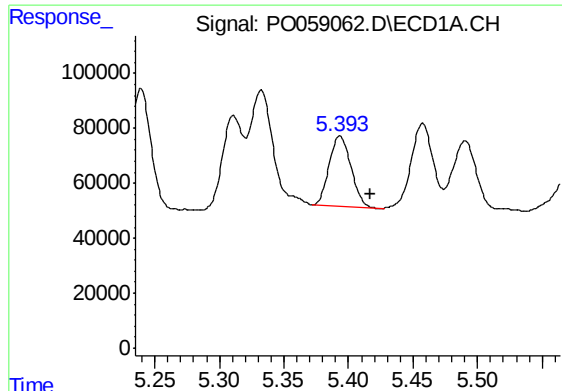
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.024 min
Response: 353491
Conc: 128.47 ng/ml



#4 AR-1016-2

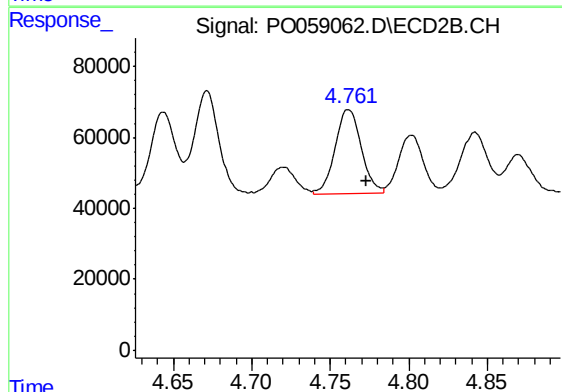
R.T.: 4.588 min
Delta R.T.: -0.013 min
Response: 414469
Conc: 193.08 ng/ml



#5 AR-1016-3

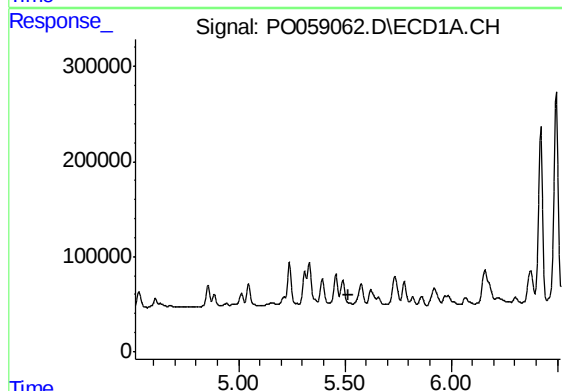
R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 300550
Conc: 177.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



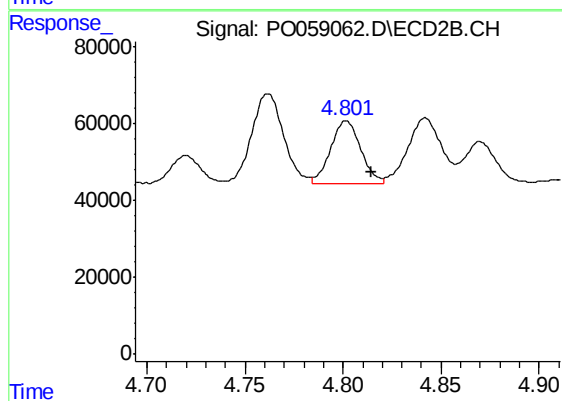
#5 AR-1016-3

R.T.: 4.762 min
Delta R.T.: -0.012 min
Response: 271387
Conc: 238.95 ng/ml



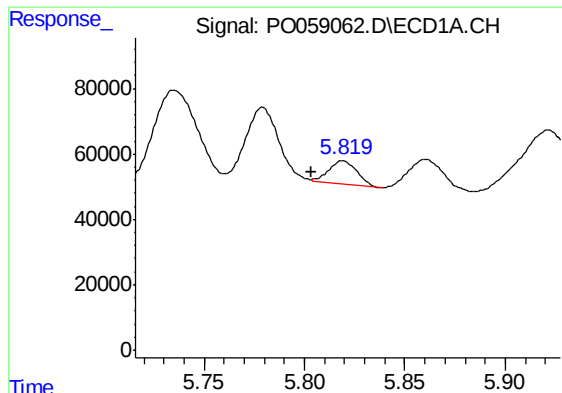
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: -210853
Conc: N.D.



#6 AR-1016-4

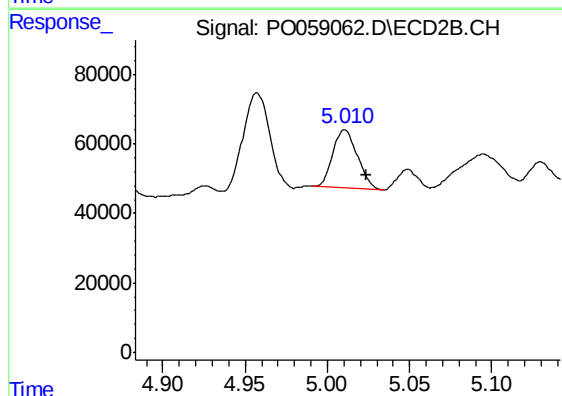
R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 175424
Conc: 185.97 ng/ml



#7 AR-1016-5

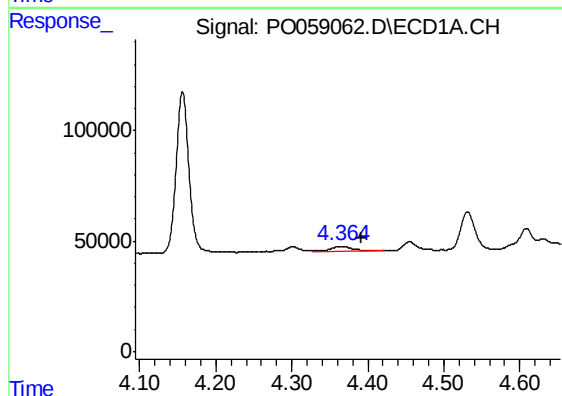
R.T.: 5.819 min
Delta R.T.: 0.016 min
Response: 70814
Conc: 49.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



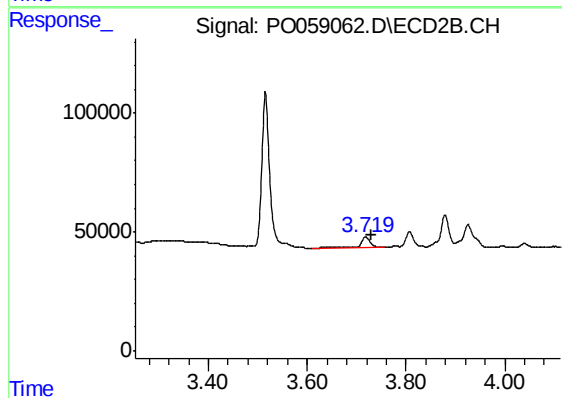
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 174349
Conc: 141.58 ng/ml



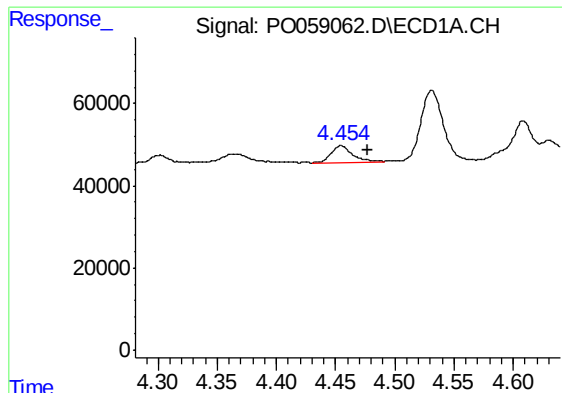
#8 AR-1221-1

R.T.: 4.365 min
Delta R.T.: -0.026 min
Response: 54343
Conc: 119.63 ng/ml



#8 AR-1221-1

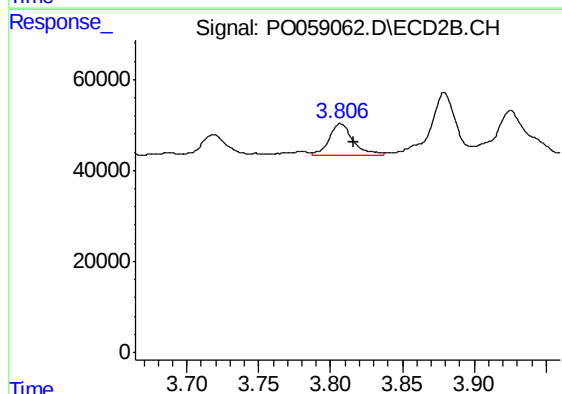
R.T.: 3.719 min
Delta R.T.: -0.013 min
Response: 73199
Conc: 181.71 ng/ml



#9 AR-1221-2

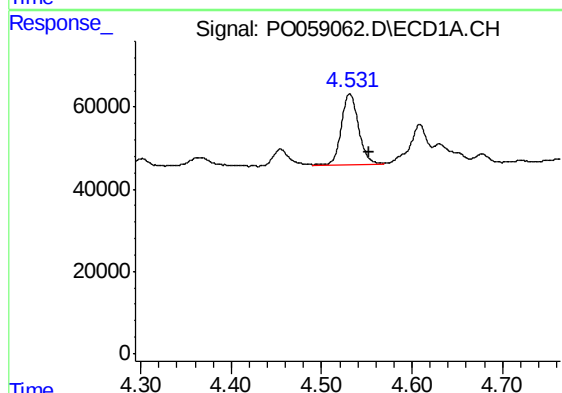
R.T.: 4.455 min
Delta R.T.: -0.022 min
Response: 53590
Conc: 155.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



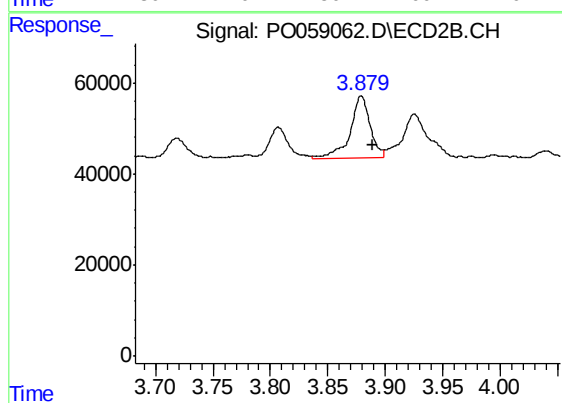
#9 AR-1221-2

R.T.: 3.807 min
Delta R.T.: -0.009 min
Response: 78361
Conc: 262.55 ng/ml



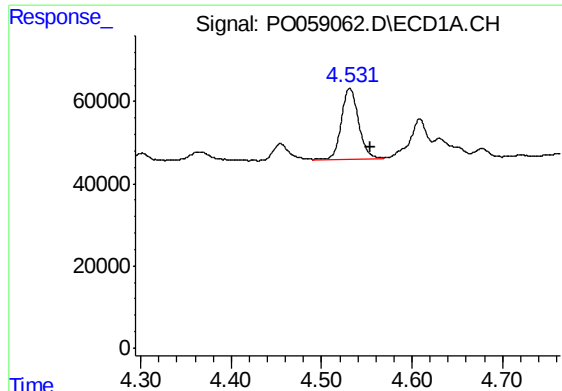
#10 AR-1221-3

R.T.: 4.531 min
Delta R.T.: -0.022 min
Response: 233143
Conc: 212.61 ng/ml



#10 AR-1221-3

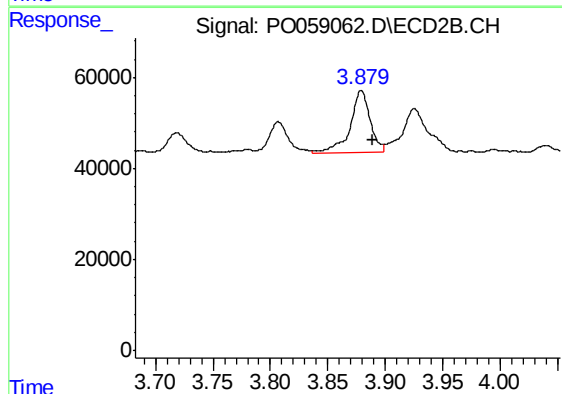
R.T.: 3.879 min
Delta R.T.: -0.010 min
Response: 165745
Conc: 173.26 ng/ml



#11 AR-1232-1

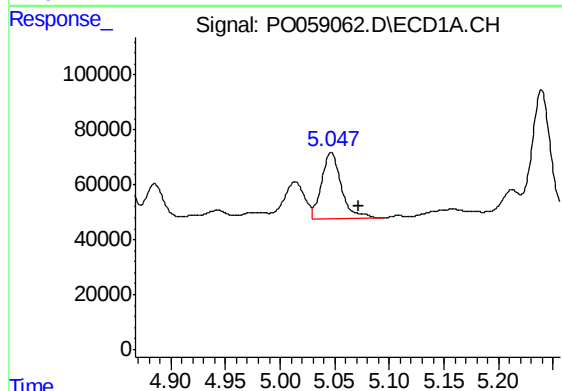
R.T.: 4.531 min
Delta R.T.: -0.022 min
Response: 233143
Conc: 258.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



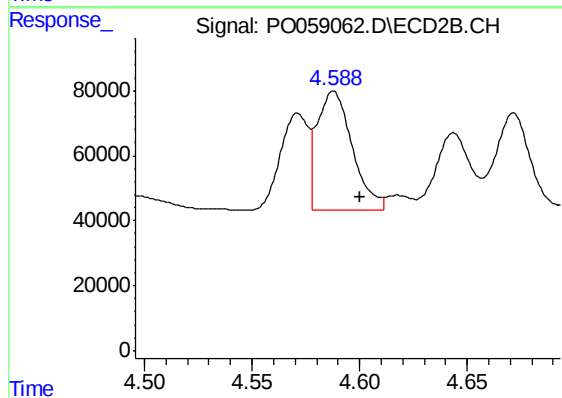
#11 AR-1232-1

R.T.: 3.879 min
Delta R.T.: -0.010 min
Response: 165745
Conc: 210.99 ng/ml



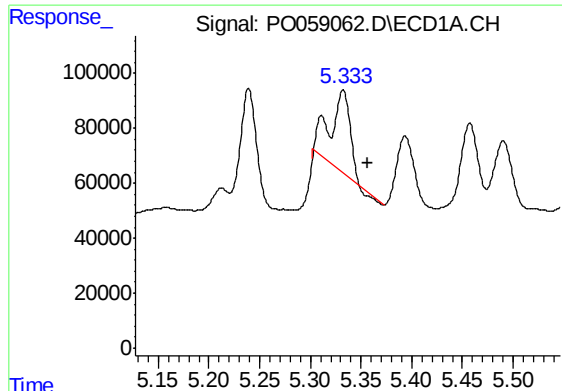
#12 AR-1232-2

R.T.: 5.047 min
Delta R.T.: -0.025 min
Response: 306966
Conc: 624.05 ng/ml



#12 AR-1232-2

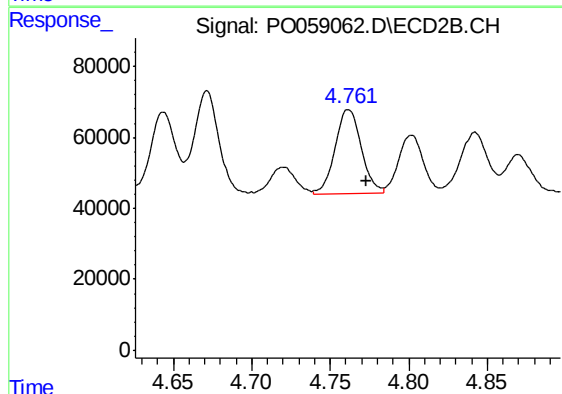
R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 414469
Conc: 490.22 ng/ml



#13 AR-1232-3

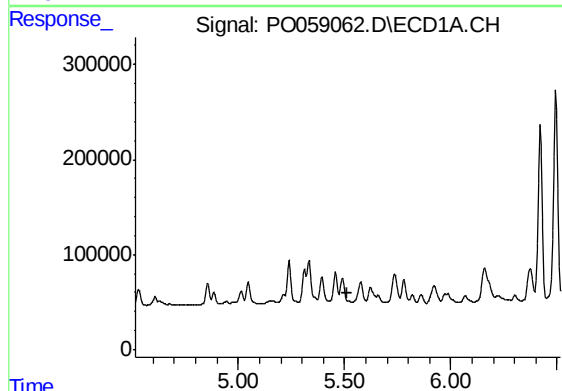
R.T.: 5.332 min
Delta R.T.: -0.025 min
Response: 353491
Conc: 330.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



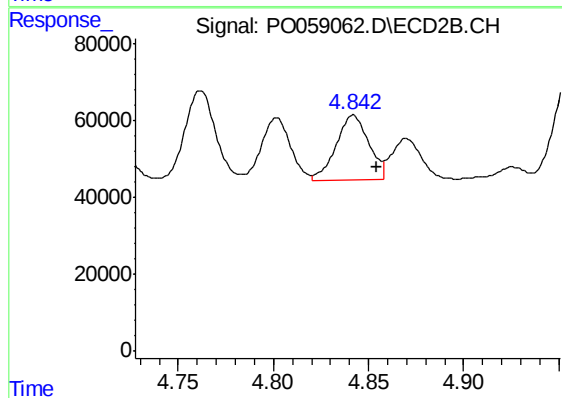
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 271387
Conc: 617.09 ng/ml



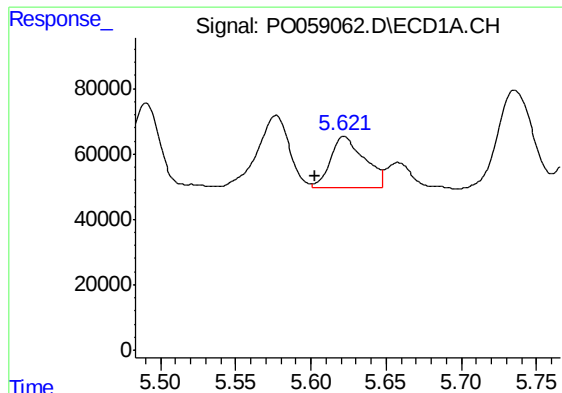
#14 AR-1232-4

R.T.: 5.490 min
Delta R.T.: -0.026 min
Response: -210853
Conc: N.D.



#14 AR-1232-4

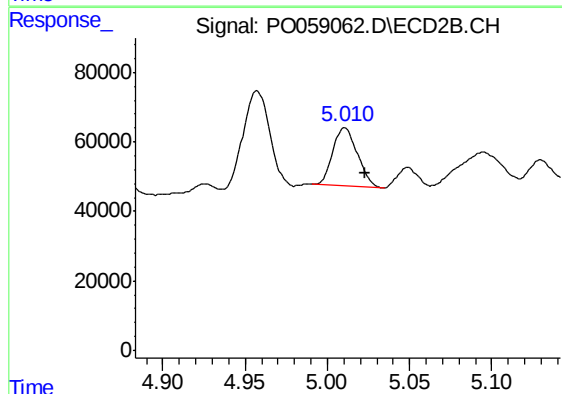
R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 202560
Conc: 512.46 ng/ml



#15 AR-1232-5

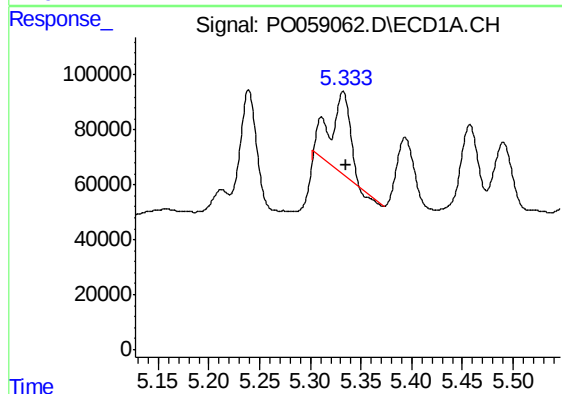
R.T.: 5.622 min
Delta R.T.: 0.018 min
Response: 251211
Conc: 615.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



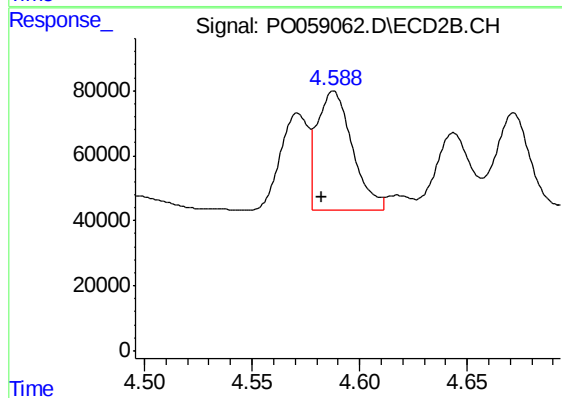
#15 AR-1232-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 174349
Conc: 396.02 ng/ml



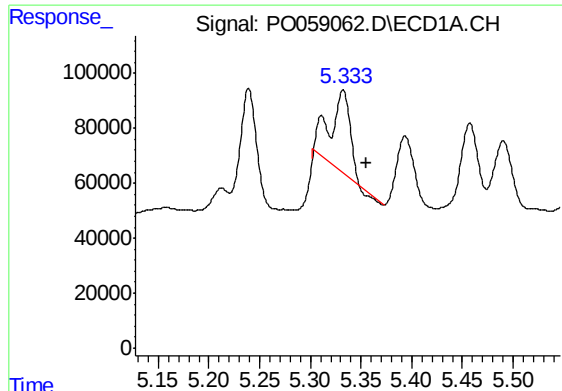
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 353491
Conc: 276.05 ng/ml



#16 AR-1242-1

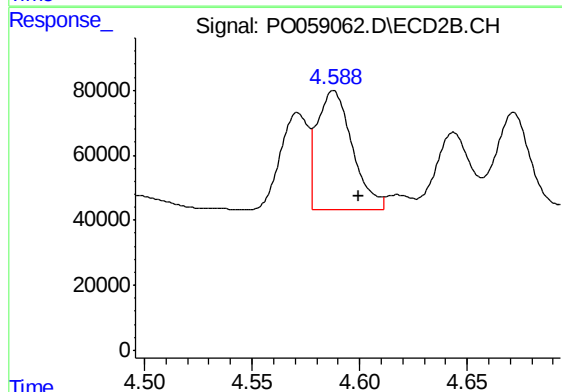
R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 414469
Conc: 408.28 ng/ml



#17 AR-1242-2

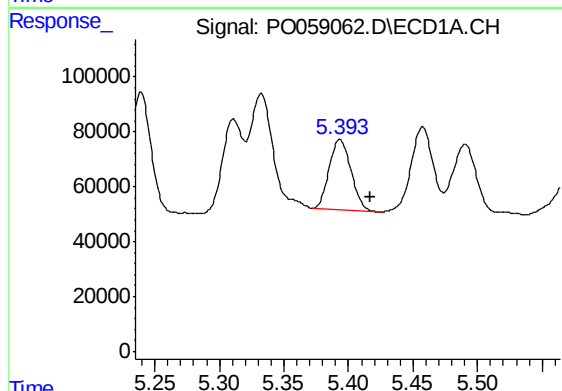
R.T.: 5.332 min
Delta R.T.: -0.023 min
Response: 353491
Conc: 186.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



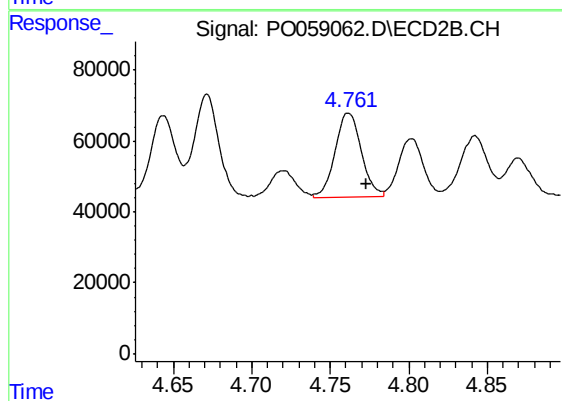
#17 AR-1242-2

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 414469
Conc: 274.55 ng/ml



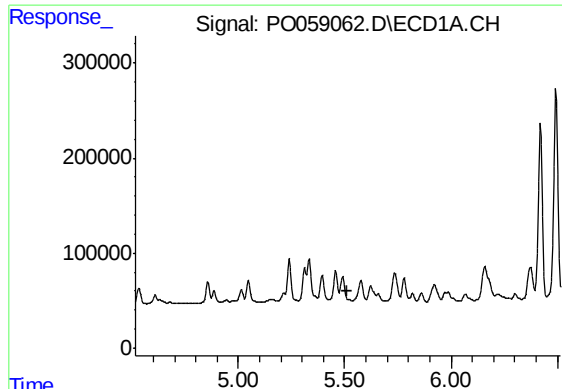
#18 AR-1242-3

R.T.: 5.393 min
Delta R.T.: -0.023 min
Response: 300550
Conc: 256.21 ng/ml



#18 AR-1242-3

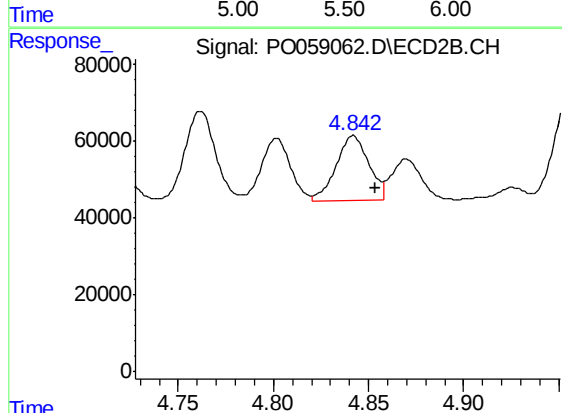
R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 271387
Conc: 333.24 ng/ml



#19 AR-1242-4

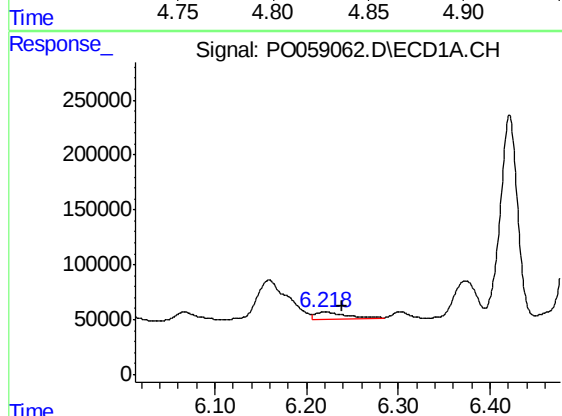
R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: -210853
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-10MS



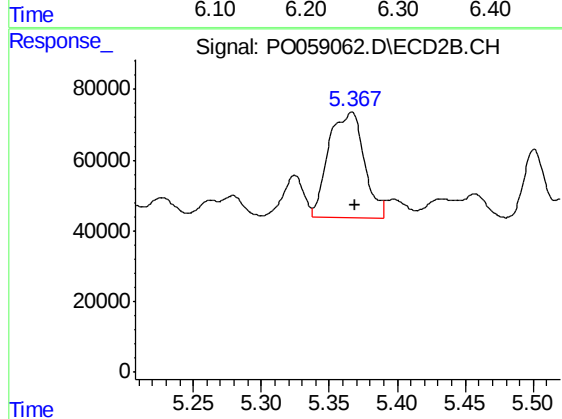
#19 AR-1242-4

R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 202560
Conc: 250.37 ng/ml



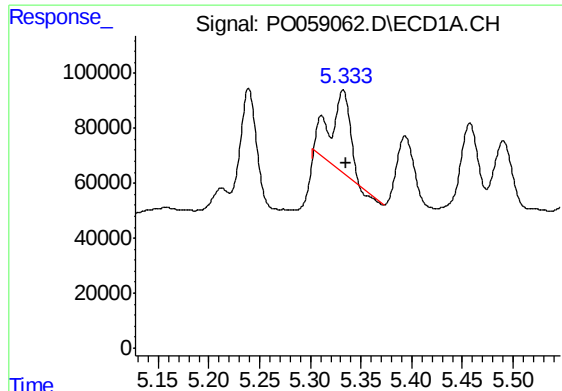
#20 AR-1242-5

R.T.: 6.219 min
Delta R.T.: -0.021 min
Response: 162351
Conc: 138.22 ng/ml



#20 AR-1242-5

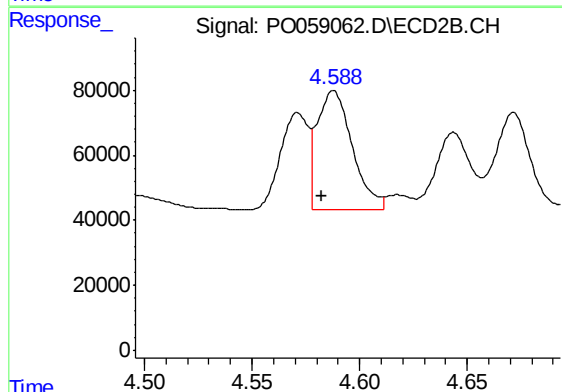
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 539299
Conc: 502.76 ng/ml



#21 AR-1248-1

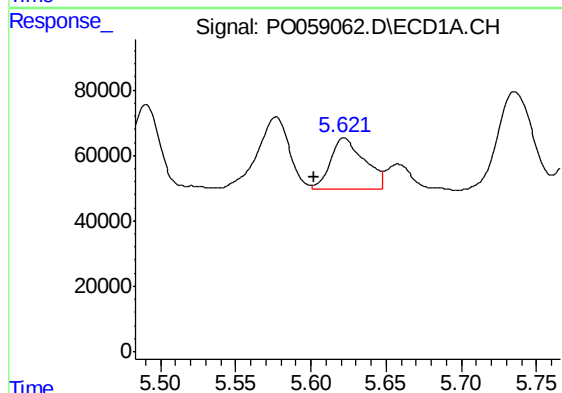
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 353491
Conc: 349.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



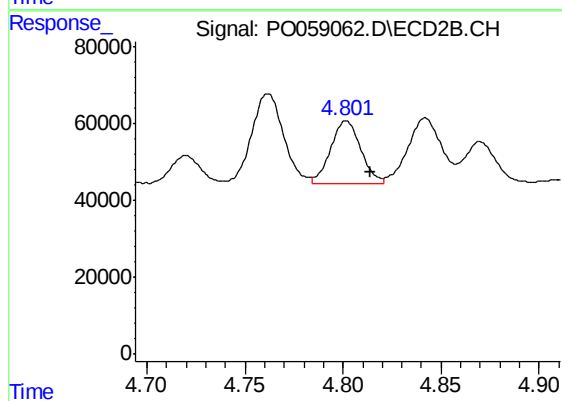
#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 414469
Conc: 518.32 ng/ml



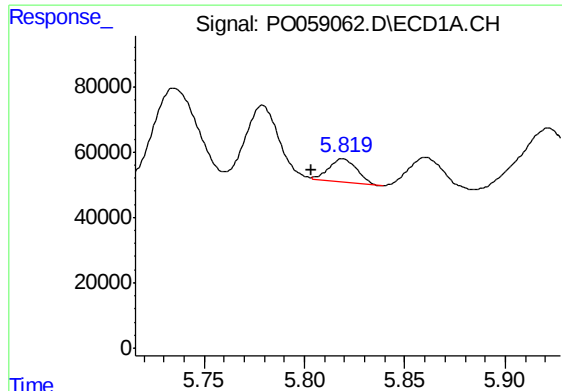
#22 AR-1248-2

R.T.: 5.622 min
Delta R.T.: 0.019 min
Response: 251211
Conc: 173.78 ng/ml



#22 AR-1248-2

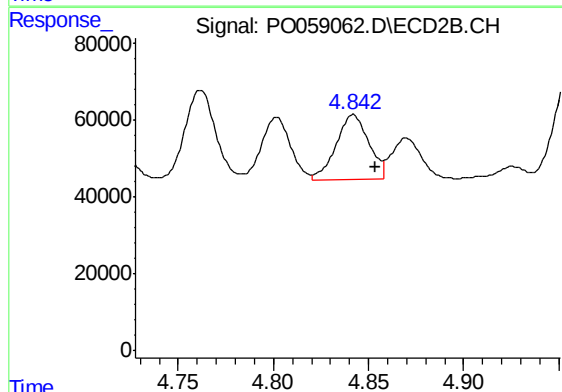
R.T.: 4.802 min
Delta R.T.: -0.012 min
Response: 175424
Conc: 158.33 ng/ml



#23 AR-1248-3

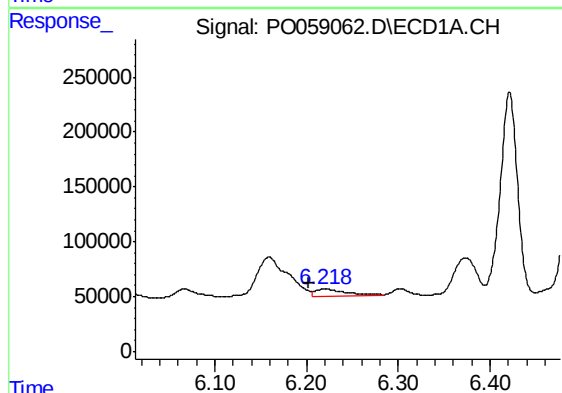
R.T.: 5.819 min
Delta R.T.: 0.016 min
Response: 70814
Conc: 43.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



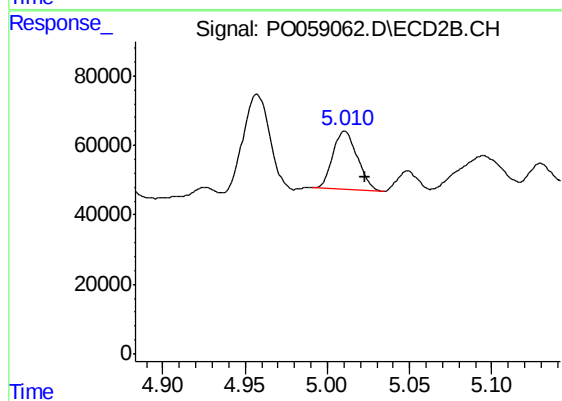
#23 AR-1248-3

R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 202560
Conc: 177.97 ng/ml



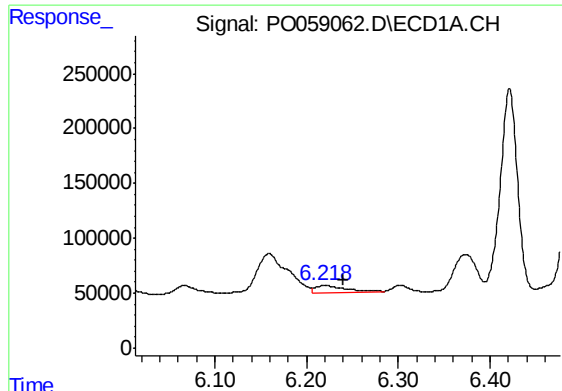
#24 AR-1248-4

R.T.: 6.219 min
Delta R.T.: 0.016 min
Response: 162351
Conc: 80.16 ng/ml



#24 AR-1248-4

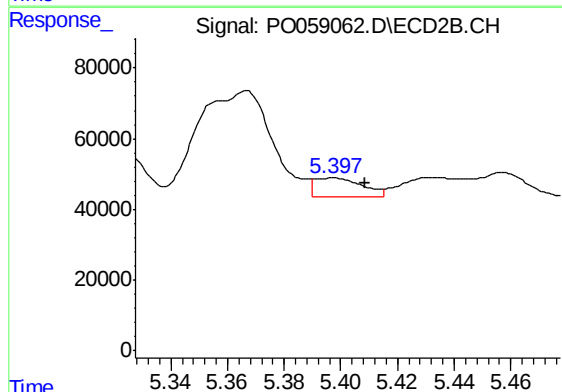
R.T.: 5.011 min
Delta R.T.: -0.012 min
Response: 174349
Conc: 124.80 ng/ml



#25 AR-1248-5

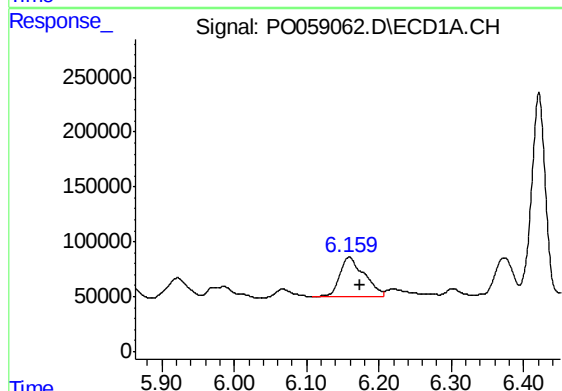
R.T.: 6.219 min
Delta R.T.: -0.021 min
Response: 162351
Conc: 84.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



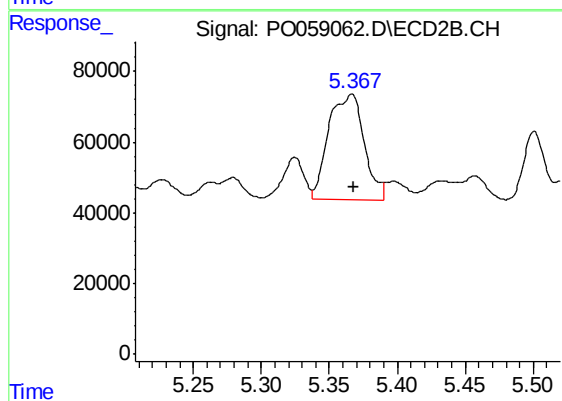
#25 AR-1248-5

R.T.: 5.397 min
Delta R.T.: -0.011 min
Response: 62007
Conc: 44.76 ng/ml



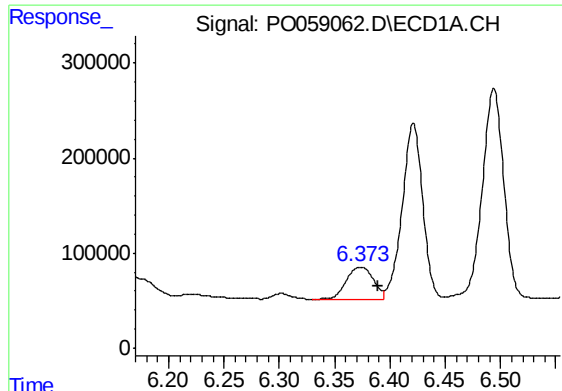
#26 AR-1254-1

R.T.: 6.159 min
Delta R.T.: -0.015 min
Response: 850432
Conc: 360.16 ng/ml



#26 AR-1254-1

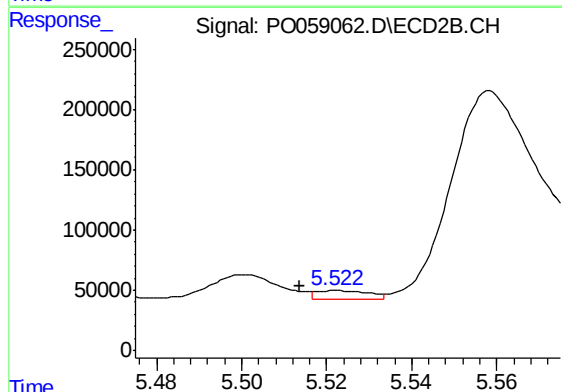
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 539299
Conc: 208.18 ng/ml



#27 AR-1254-2

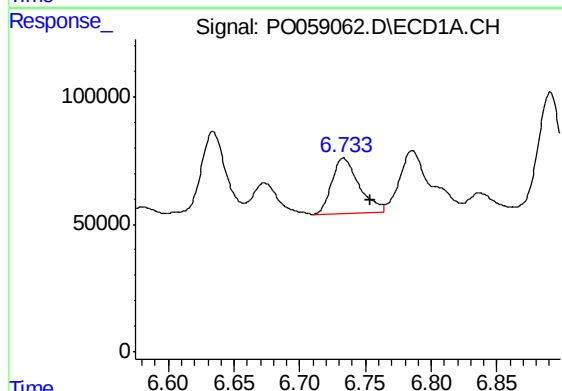
R.T.: 6.374 min
Delta R.T.: -0.015 min
Response: 577650
Conc: 149.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



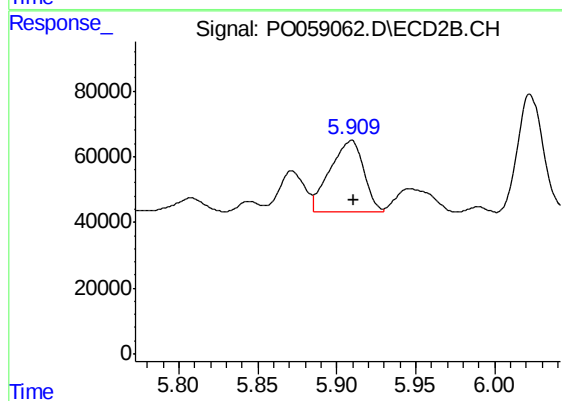
#27 AR-1254-2

R.T.: 5.523 min
Delta R.T.: 0.009 min
Response: 59602
Conc: 26.03 ng/ml



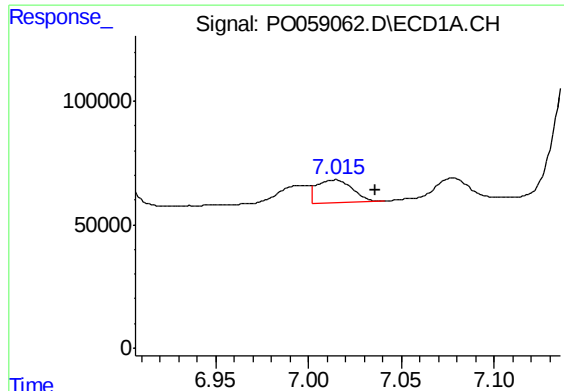
#28 AR-1254-3

R.T.: 6.734 min
Delta R.T.: -0.020 min
Response: 313006
Conc: 77.29 ng/ml



#28 AR-1254-3

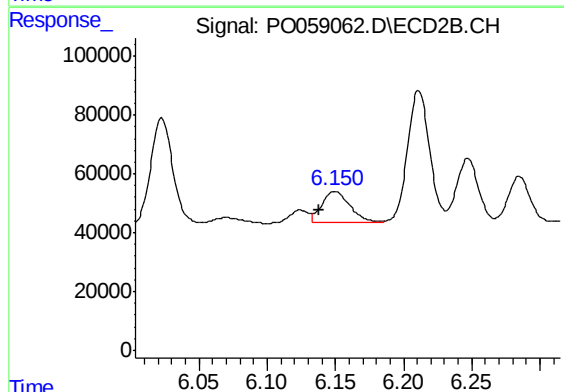
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 324614
Conc: 88.23 ng/ml



#29 AR-1254-4

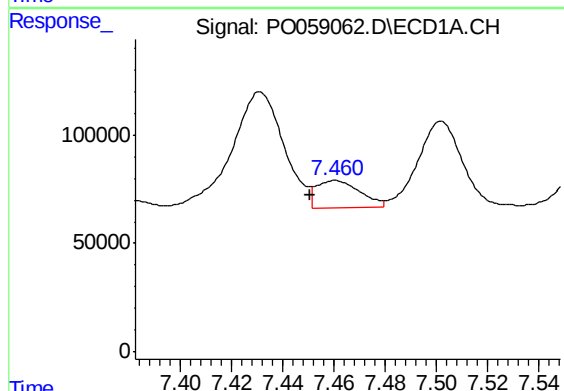
R.T.: 7.014 min
Delta R.T.: -0.022 min
Response: 123417
Conc: 34.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



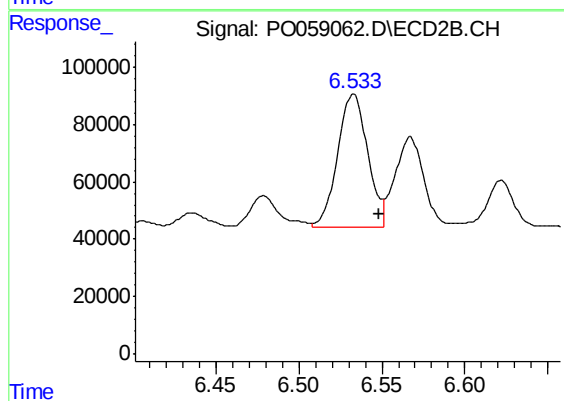
#29 AR-1254-4

R.T.: 6.150 min
Delta R.T.: 0.012 min
Response: 154253
Conc: 66.34 ng/ml



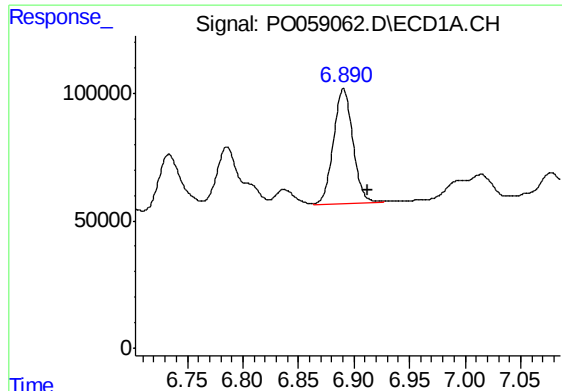
#30 AR-1254-5

R.T.: 7.460 min
Delta R.T.: 0.010 min
Response: 148238
Conc: 40.90 ng/ml



#30 AR-1254-5

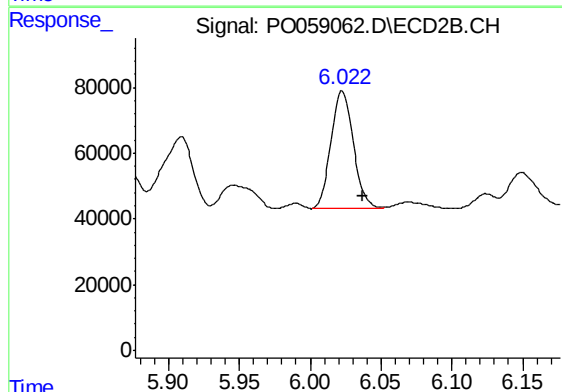
R.T.: 6.533 min
Delta R.T.: -0.015 min
Response: 583565
Conc: 169.17 ng/ml



#31 AR-1260-1

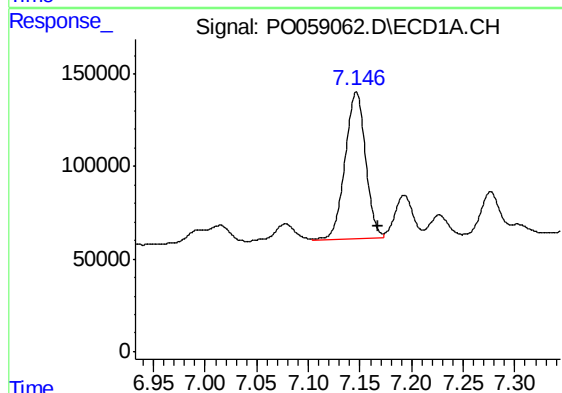
R.T.: 6.891 min
Delta R.T.: -0.021 min
Response: 546291
Conc: 189.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



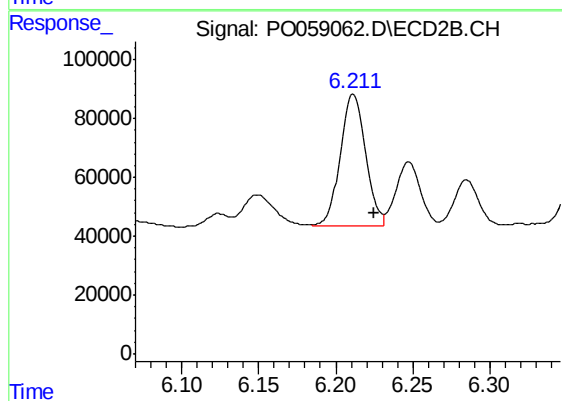
#31 AR-1260-1

R.T.: 6.023 min
Delta R.T.: -0.014 min
Response: 397859
Conc: 167.16 ng/ml



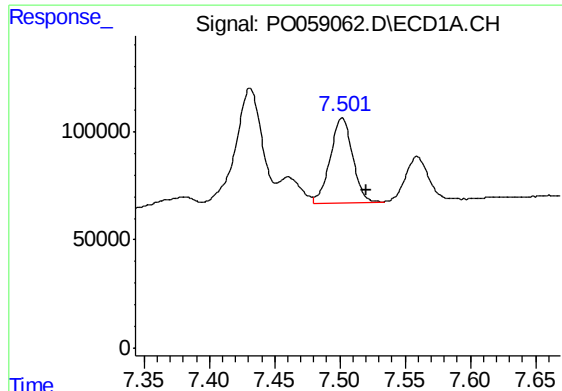
#32 AR-1260-2

R.T.: 7.147 min
Delta R.T.: -0.021 min
Response: 1089451
Conc: 261.88 ng/ml



#32 AR-1260-2

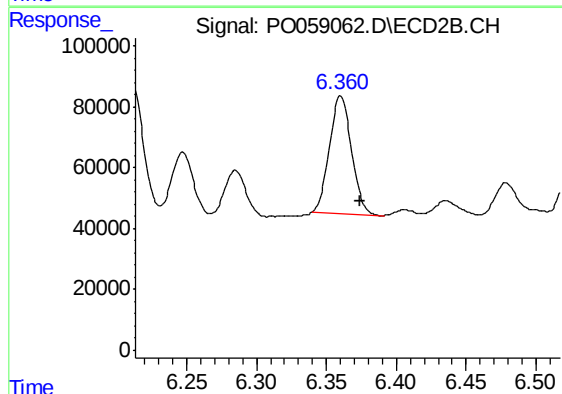
R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 505016
Conc: 166.71 ng/ml



#33 AR-1260-3

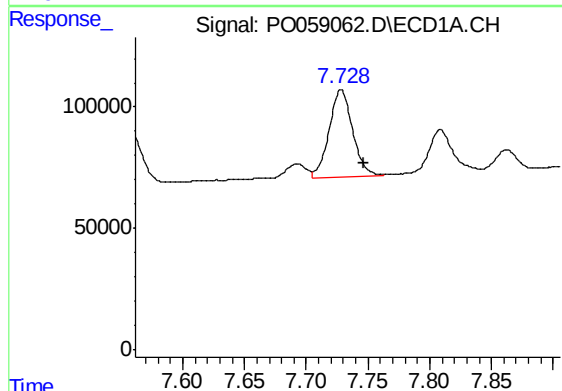
R.T.: 7.502 min
Delta R.T.: -0.019 min
Response: 470188
Conc: 126.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



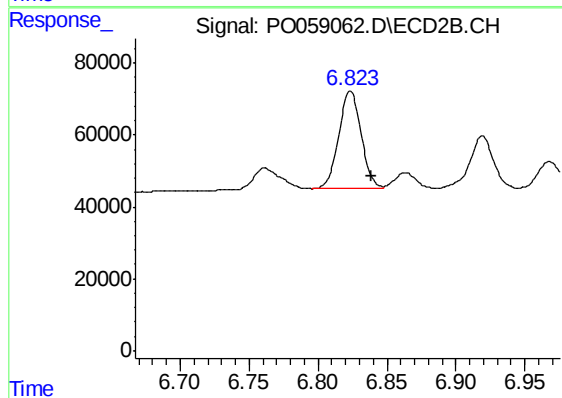
#33 AR-1260-3

R.T.: 6.360 min
Delta R.T.: -0.014 min
Response: 424510
Conc: 157.23 ng/ml



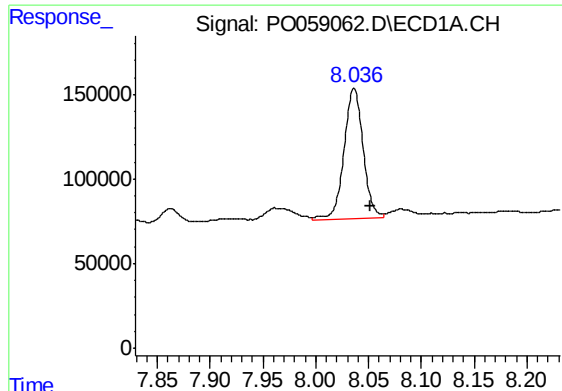
#34 AR-1260-4

R.T.: 7.728 min
Delta R.T.: -0.018 min
Response: 479996
Conc: 140.85 ng/ml



#34 AR-1260-4

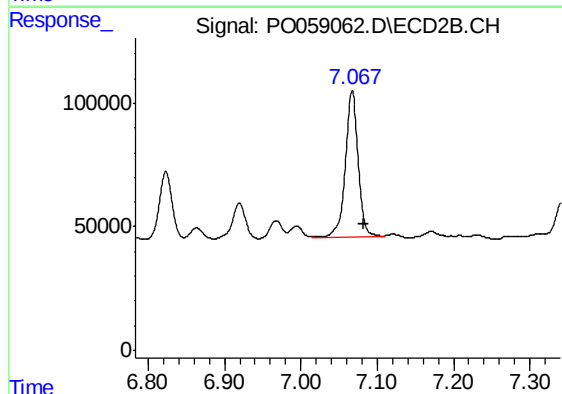
R.T.: 6.823 min
Delta R.T.: -0.016 min
Response: 308516
Conc: 136.54 ng/ml



#35 AR-1260-5

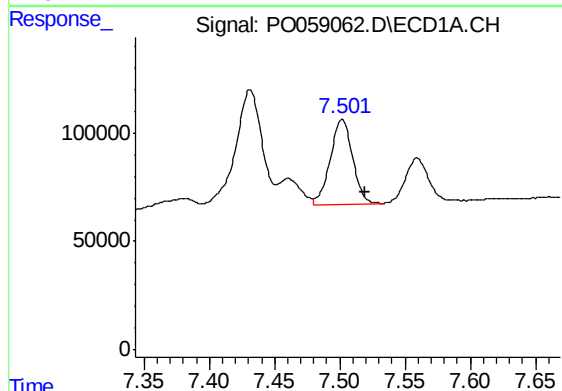
R.T.: 8.036 min
Delta R.T.: -0.015 min
Response: 967346
Conc: 131.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



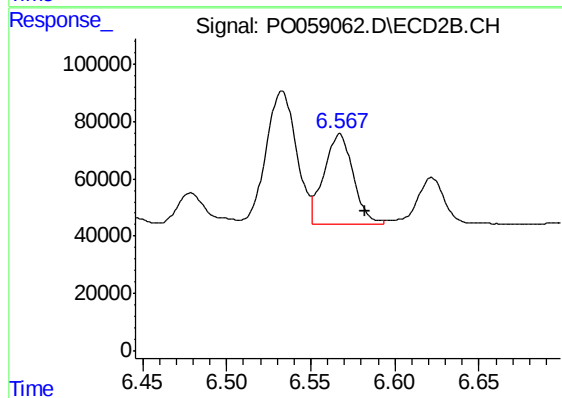
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: -0.015 min
Response: 709451
Conc: 131.74 ng/ml



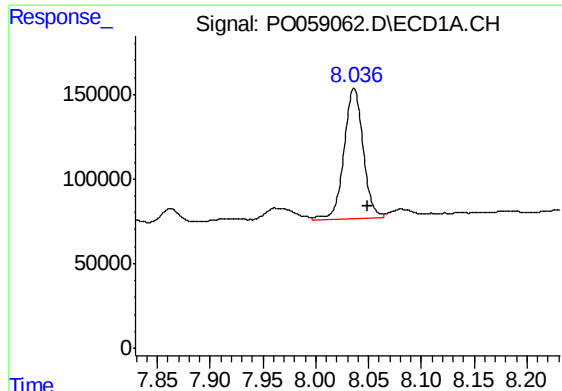
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.018 min
Response: 470188
Conc: 93.29 ng/ml



#36 AR-1262-1

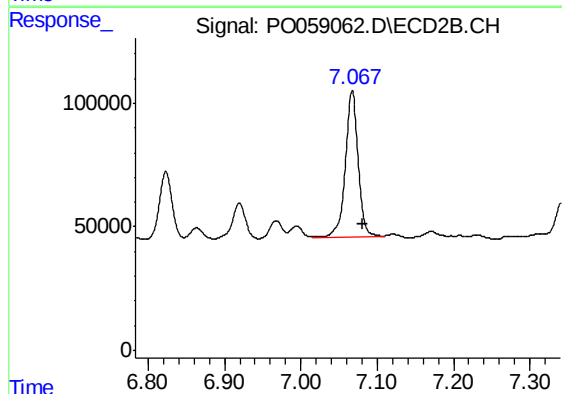
R.T.: 6.567 min
Delta R.T.: -0.015 min
Response: 380773
Conc: 106.61 ng/ml



#37 AR-1262-2

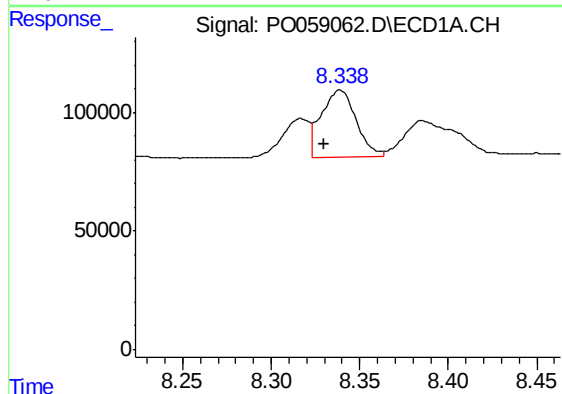
R.T.: 8.036 min
Delta R.T.: -0.014 min
Response: 967346
Conc: 121.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



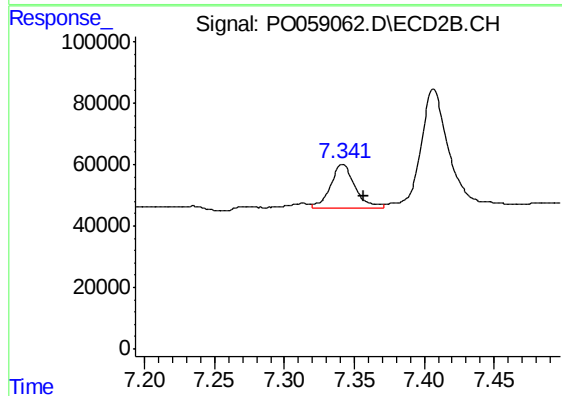
#37 AR-1262-2

R.T.: 7.067 min
Delta R.T.: -0.014 min
Response: 709451
Conc: 125.66 ng/ml



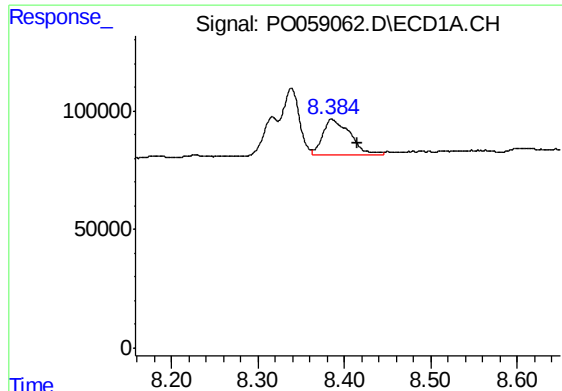
#38 AR-1262-3

R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 389469
Conc: 76.62 ng/ml



#38 AR-1262-3

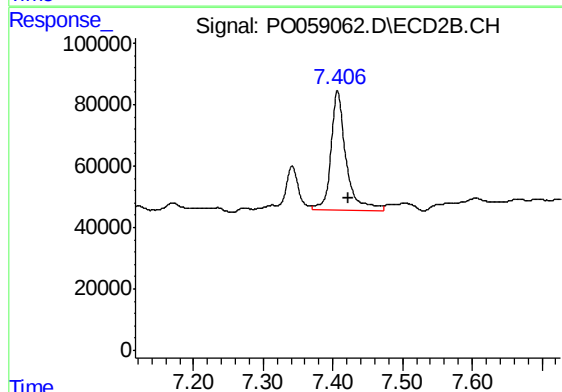
R.T.: 7.342 min
Delta R.T.: -0.015 min
Response: 174775
Conc: 70.81 ng/ml



#39 AR-1262-4

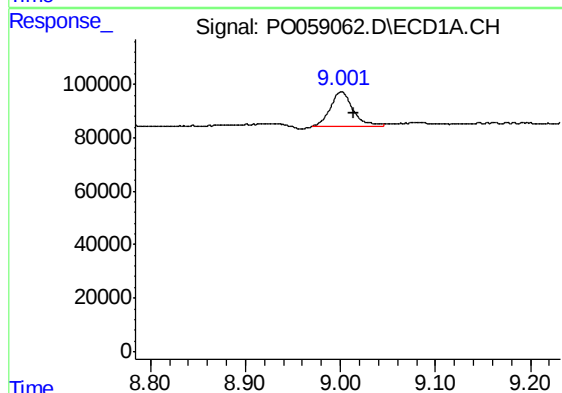
R.T.: 8.385 min
Delta R.T.: -0.030 min
Response: 337713
Conc: 89.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



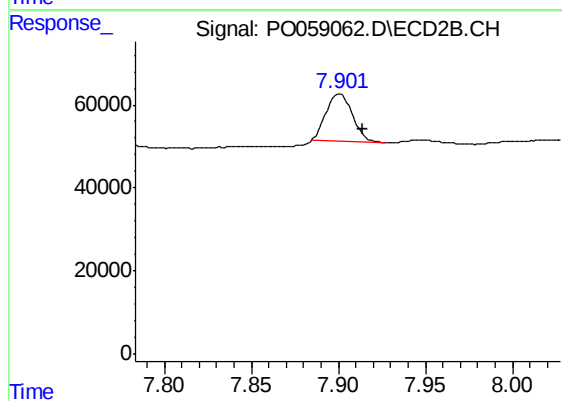
#39 AR-1262-4

R.T.: 7.407 min
Delta R.T.: -0.016 min
Response: 584331
Conc: 137.61 ng/ml



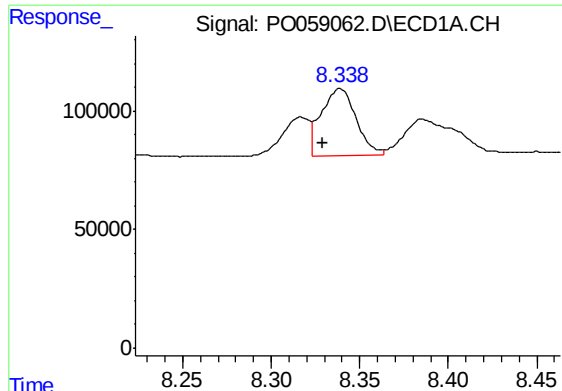
#40 AR-1262-5

R.T.: 9.001 min
Delta R.T.: -0.012 min
Response: 212104
Conc: 92.32 ng/ml



#40 AR-1262-5

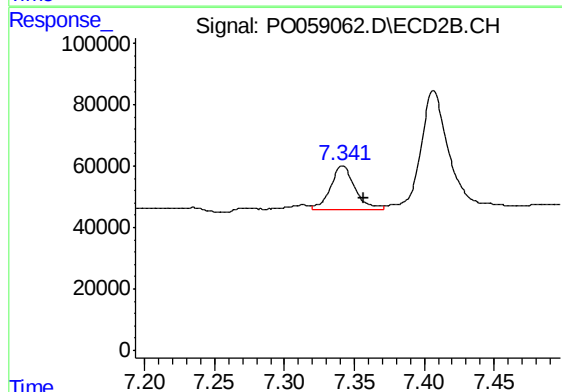
R.T.: 7.901 min
Delta R.T.: -0.013 min
Response: 120707
Conc: 70.99 ng/ml



#41 AR-1268-1

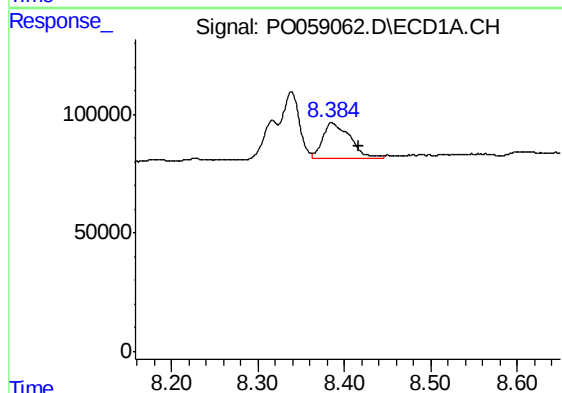
R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 389469
Conc: 34.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



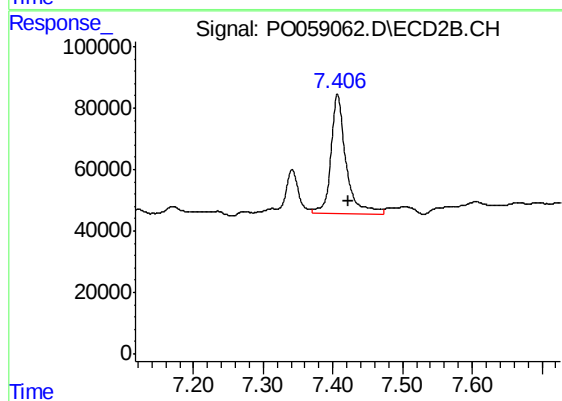
#41 AR-1268-1

R.T.: 7.342 min
Delta R.T.: -0.015 min
Response: 174775
Conc: 21.46 ng/ml



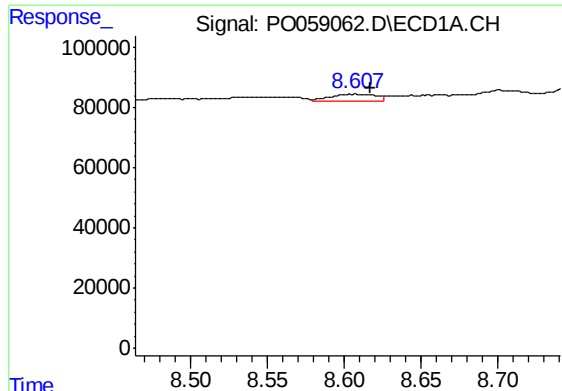
#42 AR-1268-2

R.T.: 8.385 min
Delta R.T.: -0.031 min
Response: 337713
Conc: 35.95 ng/ml



#42 AR-1268-2

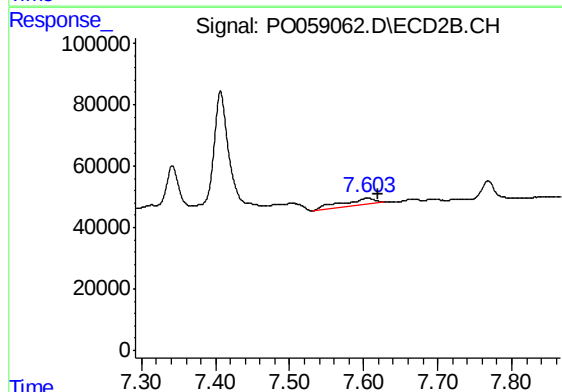
R.T.: 7.407 min
Delta R.T.: -0.016 min
Response: 584331
Conc: 77.12 ng/ml



#43 AR-1268-3

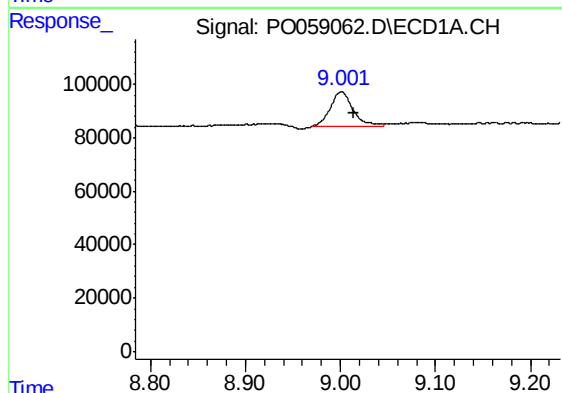
R.T.: 8.607 min
Delta R.T.: -0.010 min
Response: 47188
Conc: 5.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



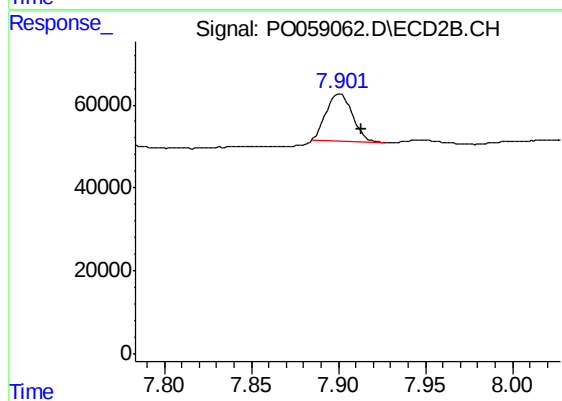
#43 AR-1268-3

R.T.: 7.604 min
Delta R.T.: -0.015 min
Response: 69603
Conc: 10.89 ng/ml



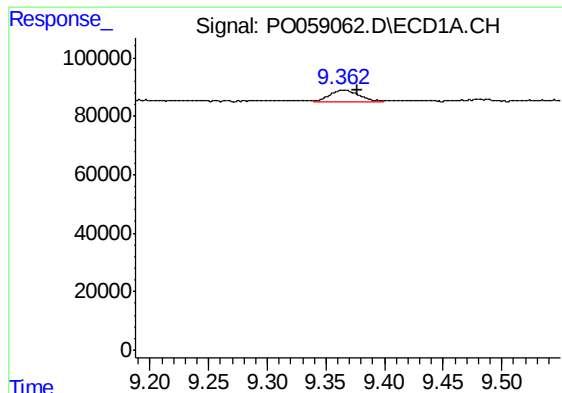
#44 AR-1268-4

R.T.: 9.001 min
Delta R.T.: -0.013 min
Response: 212104
Conc: 70.95 ng/ml



#44 AR-1268-4

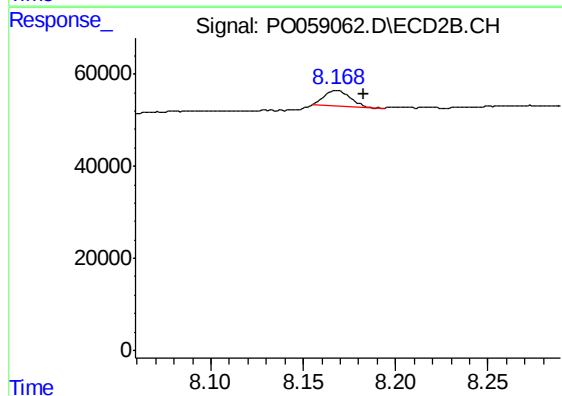
R.T.: 7.901 min
Delta R.T.: -0.013 min
Response: 120707
Conc: 52.01 ng/ml



#45 AR-1268-5

R.T.: 9.364 min
Delta R.T.: -0.013 min
Response: 72973
Conc: 3.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



#45 AR-1268-5

R.T.: 8.168 min
Delta R.T.: -0.015 min
Response: 33400
Conc: 1.95 ng/ml