

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059087.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2019 13:46
 Operator : SM/SJ
 Sample : K4223-19MS
 Misc :
 ALS Vial : 17 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 14:18:47 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	3.515	812211	734366	19.245	18.382
2)	SA Decachlor...	9.658	8.396	615290	465878	11.362	11.802
Target Compounds							
3)	L1 AR-1016-1	5.332	4.588	310753	414286	165.828	284.150 #
4)	L1 AR-1016-2	5.332	4.588	310753	414286	112.938	192.996 #
5)	L1 AR-1016-3	5.393	4.761	310714	261260	182.995	230.037 #
6)	L1 AR-1016-4	5.490	4.801	-185610	173860	N.D.	184.310 #
7)	L1 AR-1016-5	5.819	5.010	71025	180432	49.584	146.522 #
8)	L2 AR-1221-1	4.363	3.718	40343	52048	88.809	129.206 #
9)	L2 AR-1221-2	4.454	3.807	46216	69979	134.047	234.464 #
10)	L2 AR-1221-3	4.530	3.879	219461	154669	200.131	161.685
11)	L3 AR-1232-1	4.530	3.879	219461	154669	243.087	196.890
12)	L3 AR-1232-2	5.047	4.588	297394	414286	604.587	490.000
13)	L3 AR-1232-3	5.332	4.761	310753	261260	290.223	594.064 #
14)	L3 AR-1232-4	5.490	4.842	-185610	201708	N.D.	510.302 #
15)	L3 AR-1232-5	5.621	5.010	255923	180432	627.166	409.840 #
16)	L4 AR-1242-1	5.332	4.588	310753	414286	242.670	408.096 #
17)	L4 AR-1242-2	5.332	4.588	310753	414286	164.274	274.424 #
18)	L4 AR-1242-3	5.393	4.761	310714	261260	264.878	320.805
19)	L4 AR-1242-4	5.490	4.842	-185610	201708	N.D.	249.321 #
20)	L4 AR-1242-5	6.219	5.366	250533	664323	213.297	619.308 #
21)	L5 AR-1248-1	5.332	4.588	310753	414286	307.371	518.087 #
22)	L5 AR-1248-2	5.621	4.801	255923	173860	177.037	156.914
23)	L5 AR-1248-3	5.819	4.842	71025	201708	43.239	177.222 #
24)	L5 AR-1248-4	6.219	5.010	250533	180432	123.705	129.158
25)	L5 AR-1248-5	6.219	5.432	250533	77125	129.787	55.676 #
26)	L6 AR-1254-1	6.158	5.366	1059116	664323	448.533	256.442 #
27)	L6 AR-1254-2	6.373	5.522	661348	58033	171.603	25.348 #
28)	L6 AR-1254-3	6.733	5.908	368058	324081	90.887	88.081
29)	L6 AR-1254-4	7.013	6.148	331583	149628	92.090	64.350 #
30)	L6 AR-1254-5	7.460	6.532	174201	594982	48.059	172.481 #
31)	L7 AR-1260-1	6.890	6.022	629474	398829	218.632	167.572
32)	L7 AR-1260-2	7.145	6.210	1180975	517284	283.884	170.760 #
33)	L7 AR-1260-3	7.501	6.358	485128	423307	130.272	156.790
34)	L7 AR-1260-4	7.728	6.823	492012	309091	144.379	136.795
35)	L7 AR-1260-5	8.035	7.066	939832	712412	127.785	132.287
36)	L8 AR-1262-1	7.501	6.566	485128	381813	96.250	106.899
37)	L8 AR-1262-2	8.035	7.066	939832	712412	118.083	126.180
38)	L8 AR-1262-3	8.338	7.341	379694	183000	74.693	74.147
39)	L8 AR-1262-4	8.385	7.407	345804	575467	91.251	135.526 #
40)	L8 AR-1262-5	9.000	7.900	220303	114699	95.886	67.455 #
41)	L9 AR-1268-1	8.338	7.341	379694	183000	33.994	22.468 #
42)	L9 AR-1268-2	8.385	7.407	345804	575467	36.815	75.948 #

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Acq On : 09 Aug 2019 13:46
Operator : SM/SJ
Sample : K4223-19MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

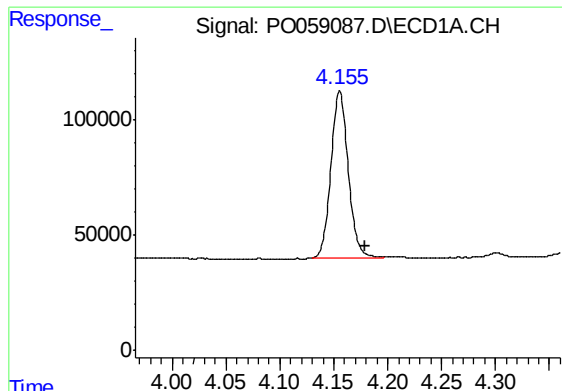
Instrument :
ECD_O
ClientSampleId :
SP-10MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 14:18:47 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	8.606	7.605	44130	87857	5.343	13.745 #
44)	L9 AR-1268-4	9.000	7.900	220303	114699	73.697	49.425 #
45)	L9 AR-1268-5	9.367	8.167	73235	34745	3.411	2.027 #

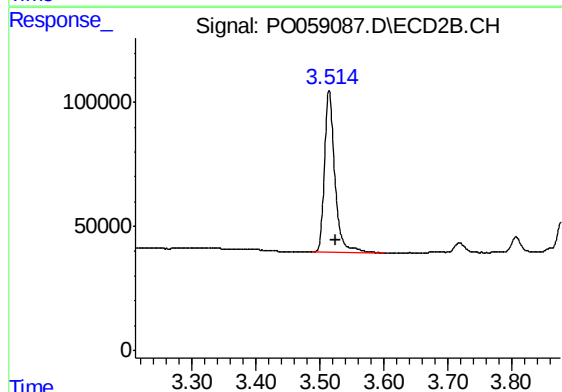
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

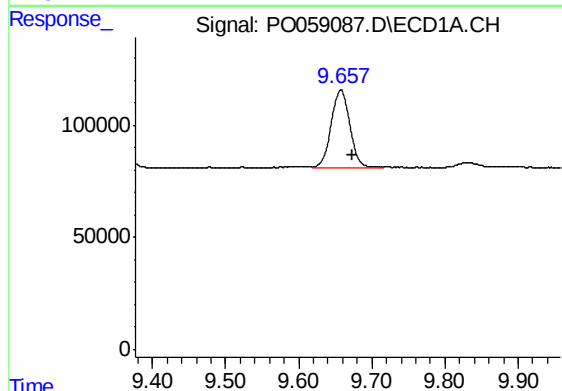
R.T.: 4.156 min
Delta R.T.: -0.023 min
Response: 812211
Conc: 19.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



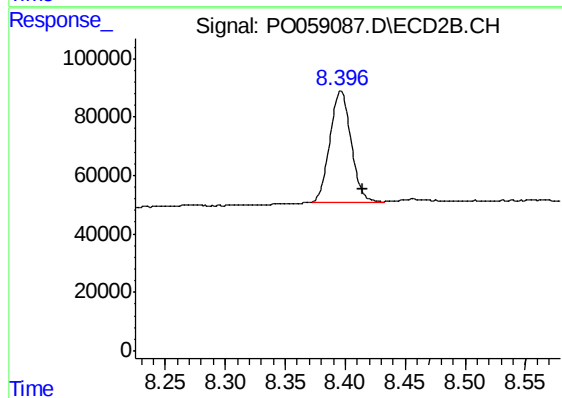
#1 Tetrachloro-m-xylene

R.T.: 3.515 min
Delta R.T.: -0.010 min
Response: 734366
Conc: 18.38 ng/ml



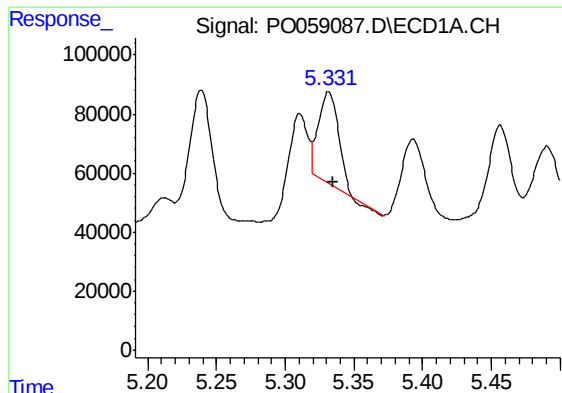
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.015 min
Response: 615290
Conc: 11.36 ng/ml



#2 Decachlorobiphenyl

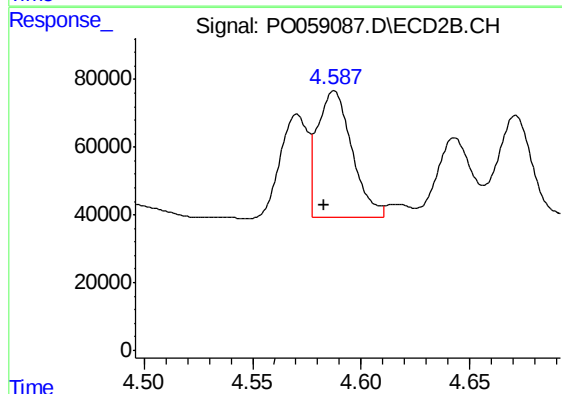
R.T.: 8.396 min
Delta R.T.: -0.018 min
Response: 465878
Conc: 11.80 ng/ml



#3 AR-1016-1

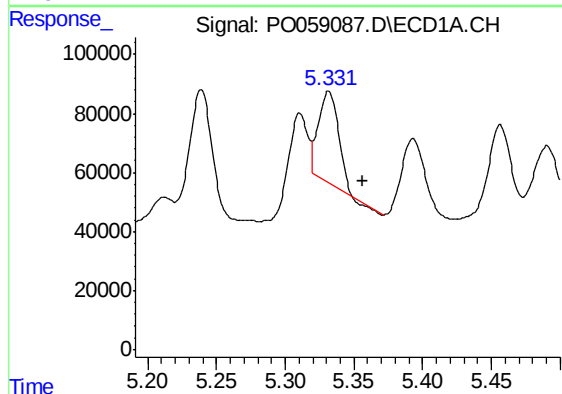
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 310753
Conc: 165.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



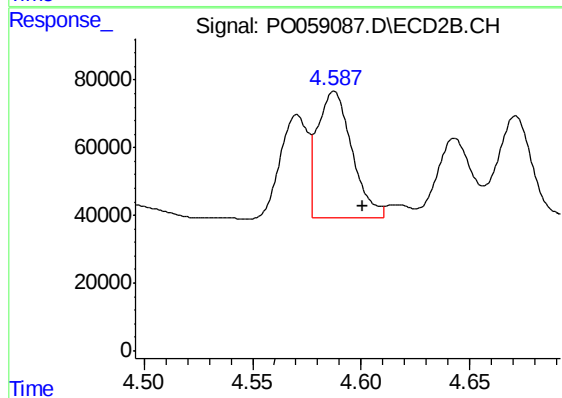
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: 0.004 min
Response: 414286
Conc: 284.15 ng/ml



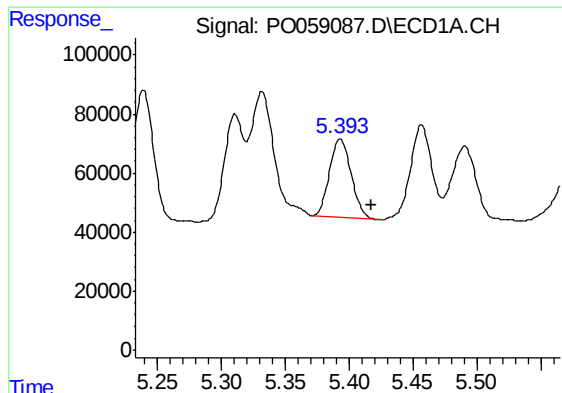
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.025 min
Response: 310753
Conc: 112.94 ng/ml



#4 AR-1016-2

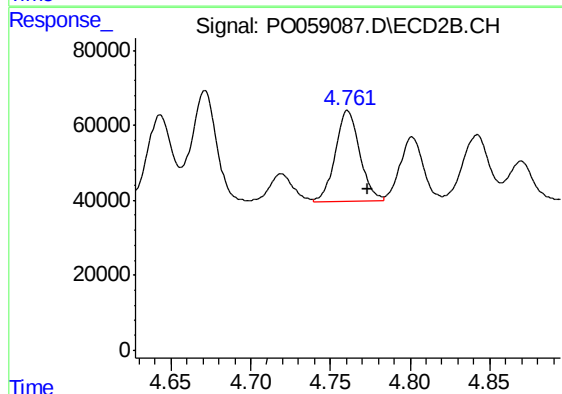
R.T.: 4.588 min
Delta R.T.: -0.013 min
Response: 414286
Conc: 193.00 ng/ml



#5 AR-1016-3

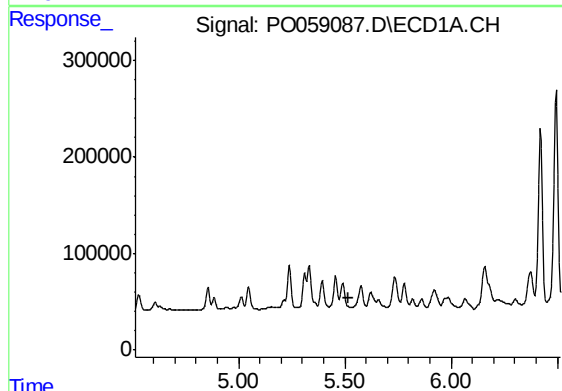
R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 310714
Conc: 183.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



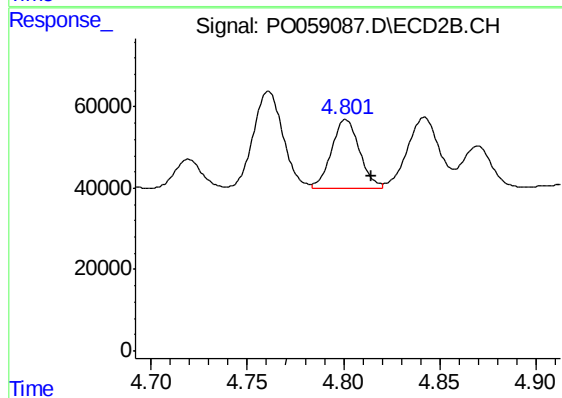
#5 AR-1016-3

R.T.: 4.761 min
Delta R.T.: -0.012 min
Response: 261260
Conc: 230.04 ng/ml



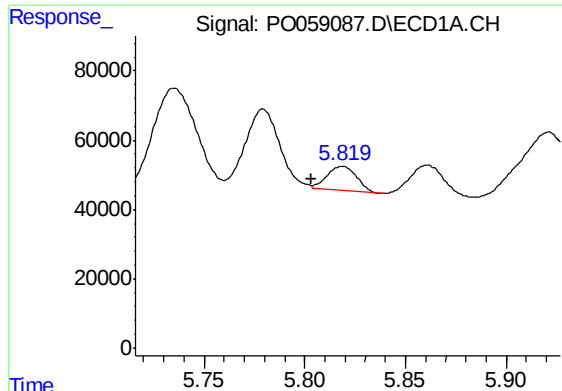
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: -185610
Conc: N.D.



#6 AR-1016-4

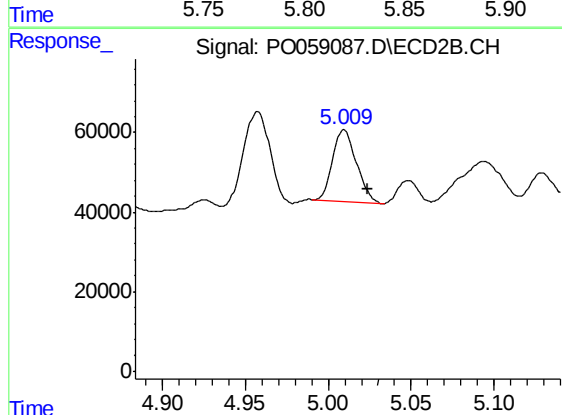
R.T.: 4.801 min
Delta R.T.: -0.013 min
Response: 173860
Conc: 184.31 ng/ml



#7 AR-1016-5

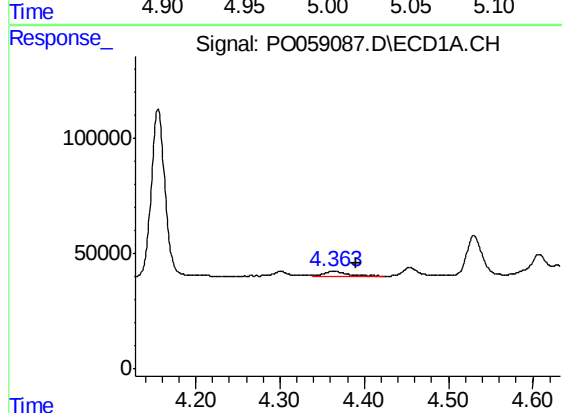
R.T.: 5.819 min
Delta R.T.: 0.015 min
Response: 71025
Conc: 49.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



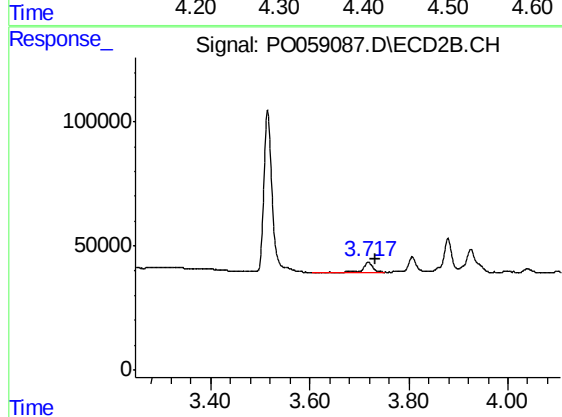
#7 AR-1016-5

R.T.: 5.010 min
Delta R.T.: -0.014 min
Response: 180432
Conc: 146.52 ng/ml



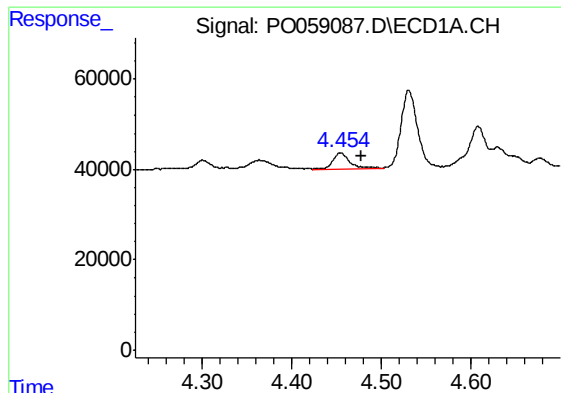
#8 AR-1221-1

R.T.: 4.363 min
Delta R.T.: -0.028 min
Response: 40343
Conc: 88.81 ng/ml



#8 AR-1221-1

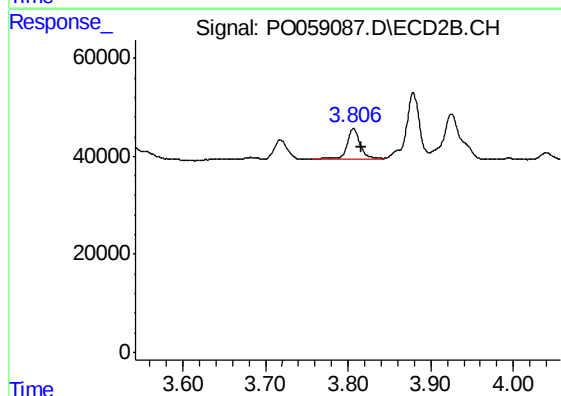
R.T.: 3.718 min
Delta R.T.: -0.014 min
Response: 52048
Conc: 129.21 ng/ml



#9 AR-1221-2

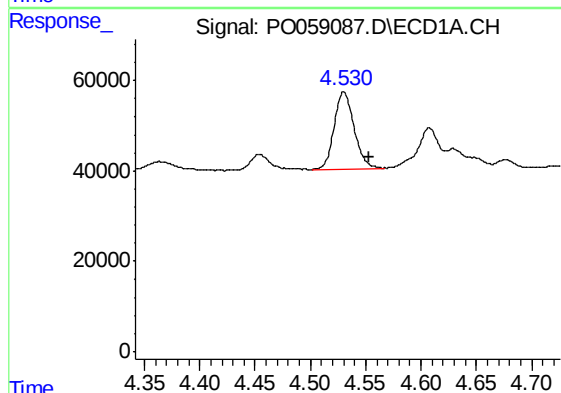
R.T.: 4.454 min
Delta R.T.: -0.023 min
Response: 46216
Conc: 134.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



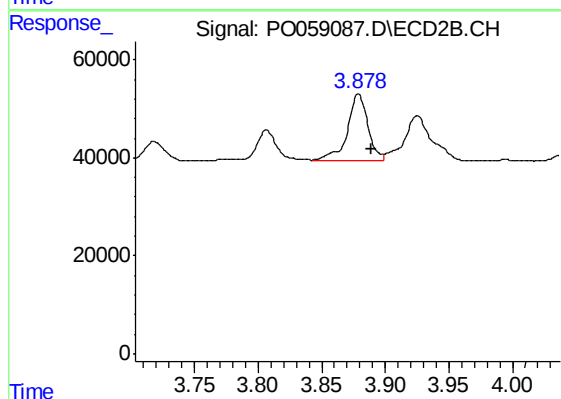
#9 AR-1221-2

R.T.: 3.807 min
Delta R.T.: -0.010 min
Response: 69979
Conc: 234.46 ng/ml



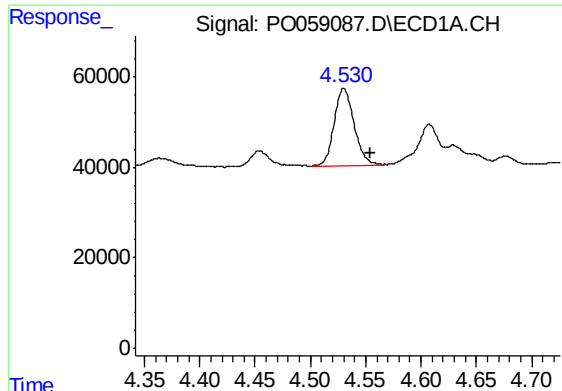
#10 AR-1221-3

R.T.: 4.530 min
Delta R.T.: -0.023 min
Response: 219461
Conc: 200.13 ng/ml



#10 AR-1221-3

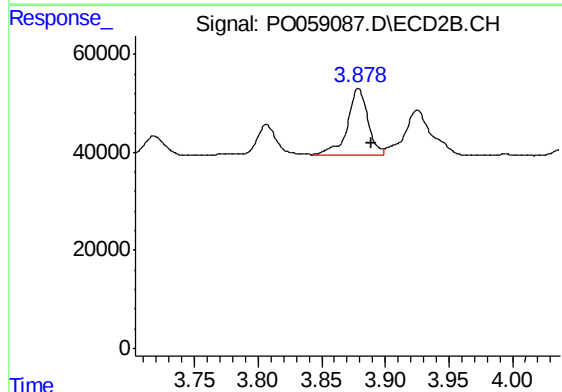
R.T.: 3.879 min
Delta R.T.: -0.010 min
Response: 154669
Conc: 161.69 ng/ml



#11 AR-1232-1

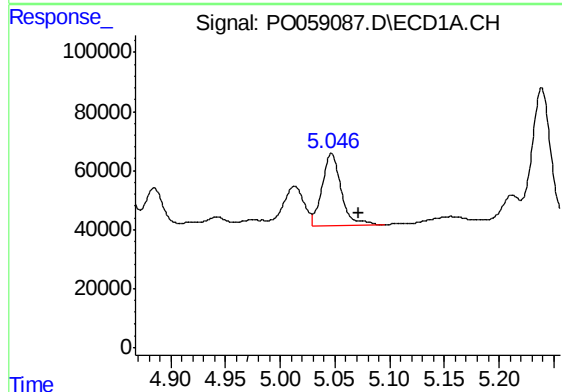
R.T.: 4.530 min
Delta R.T.: -0.024 min
Response: 219461
Conc: 243.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



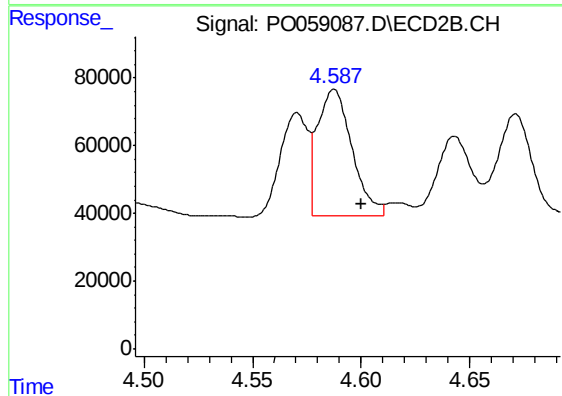
#11 AR-1232-1

R.T.: 3.879 min
Delta R.T.: -0.011 min
Response: 154669
Conc: 196.89 ng/ml



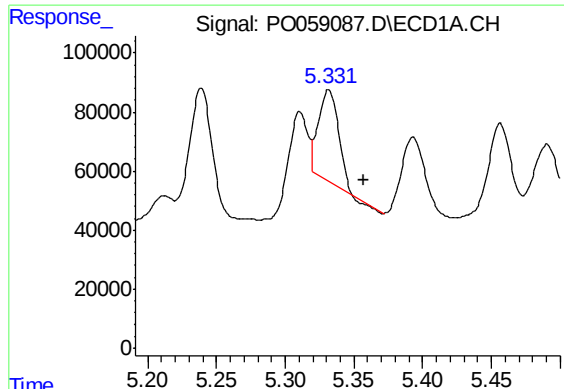
#12 AR-1232-2

R.T.: 5.047 min
Delta R.T.: -0.025 min
Response: 297394
Conc: 604.59 ng/ml



#12 AR-1232-2

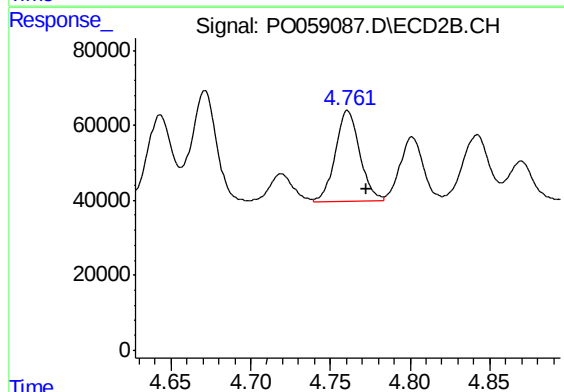
R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 414286
Conc: 490.00 ng/ml



#13 AR-1232-3

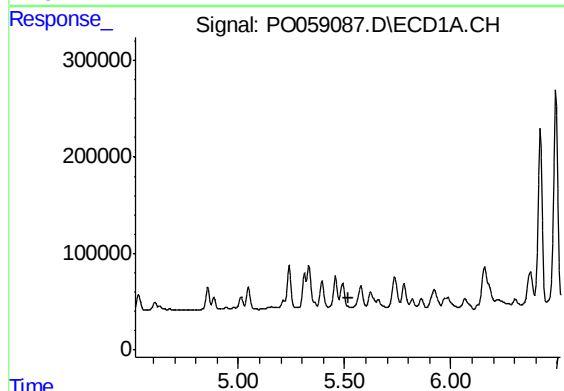
R.T.: 5.332 min
Delta R.T.: -0.025 min
Response: 310753
Conc: 290.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



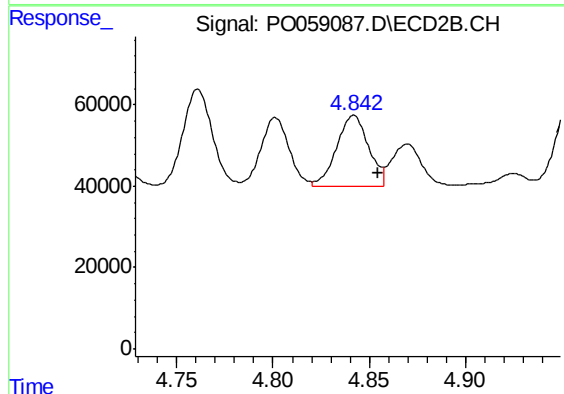
#13 AR-1232-3

R.T.: 4.761 min
Delta R.T.: -0.012 min
Response: 261260
Conc: 594.06 ng/ml



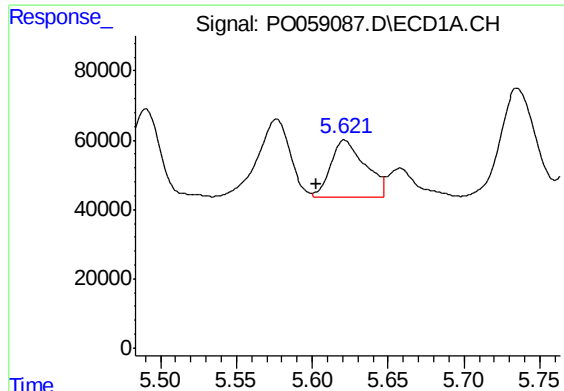
#14 AR-1232-4

R.T.: 5.490 min
Delta R.T.: -0.026 min
Response: -185610
Conc: N.D.



#14 AR-1232-4

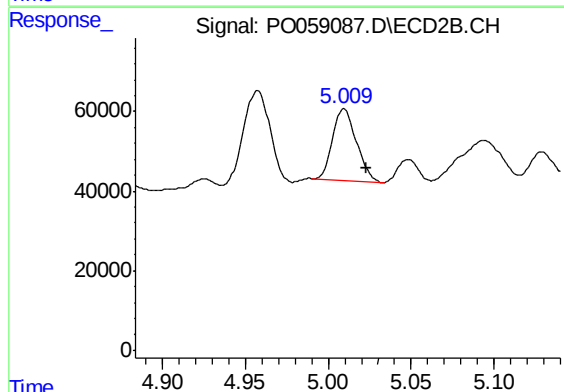
R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 201708
Conc: 510.30 ng/ml



#15 AR-1232-5

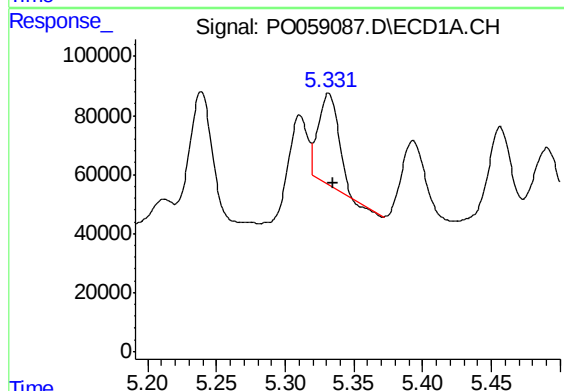
R.T.: 5.621 min
Delta R.T.: 0.018 min
Response: 255923
Conc: 627.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



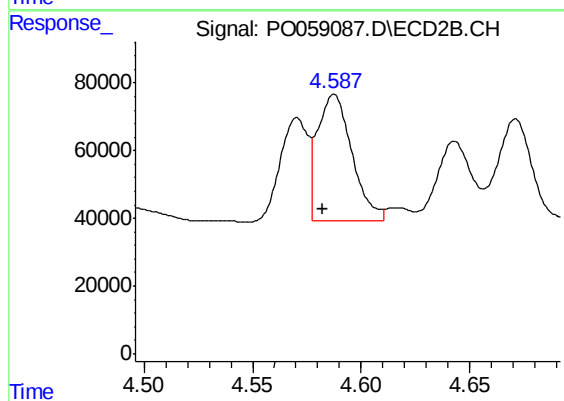
#15 AR-1232-5

R.T.: 5.010 min
Delta R.T.: -0.014 min
Response: 180432
Conc: 409.84 ng/ml



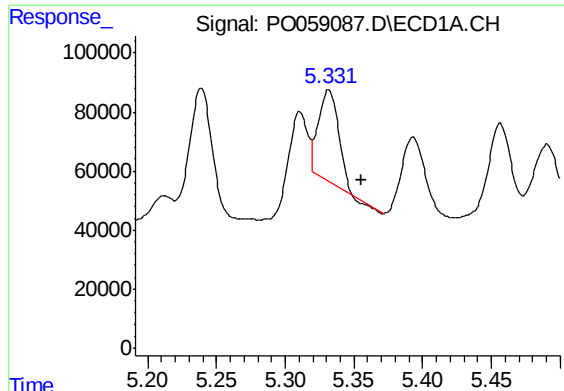
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 310753
Conc: 242.67 ng/ml



#16 AR-1242-1

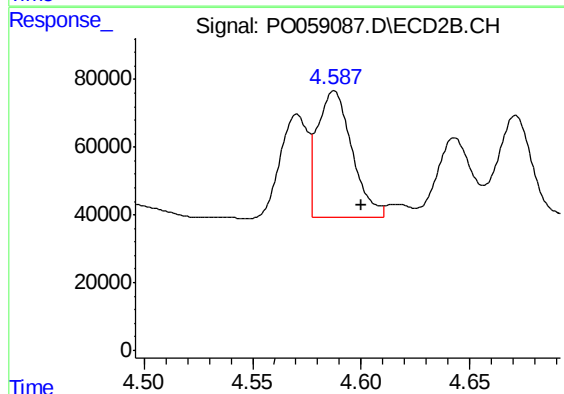
R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 414286
Conc: 408.10 ng/ml



#17 AR-1242-2

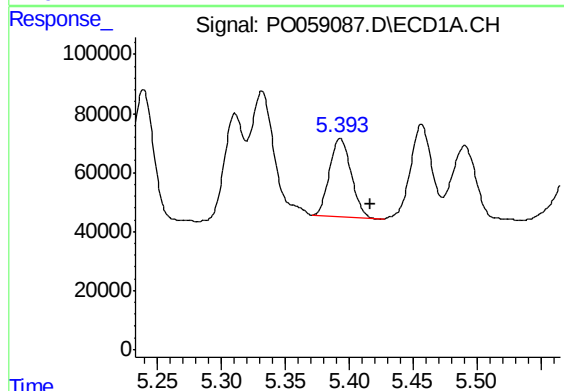
R.T.: 5.332 min
Delta R.T.: -0.024 min
Response: 310753
Conc: 164.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



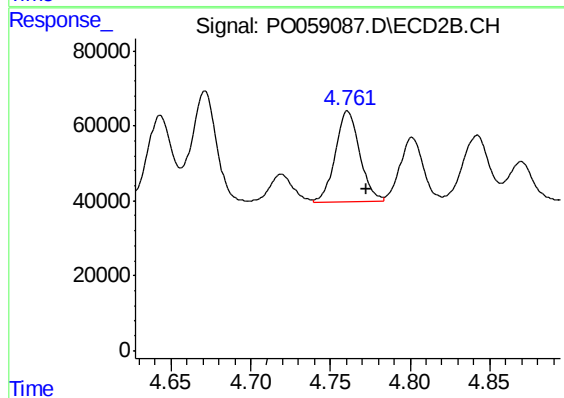
#17 AR-1242-2

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 414286
Conc: 274.42 ng/ml



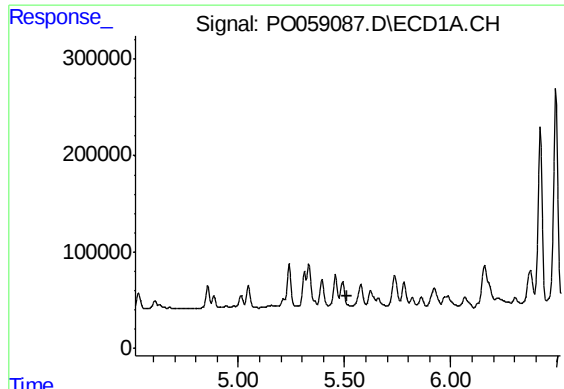
#18 AR-1242-3

R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 310714
Conc: 264.88 ng/ml



#18 AR-1242-3

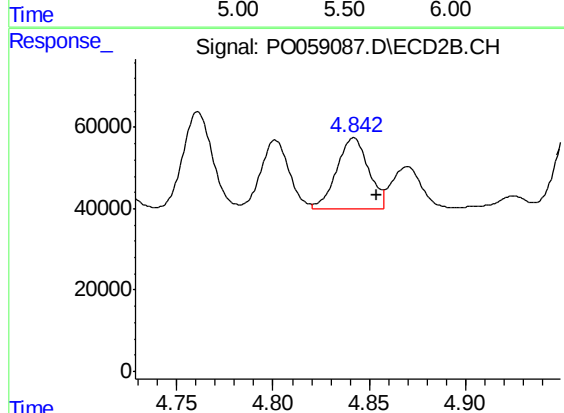
R.T.: 4.761 min
Delta R.T.: -0.012 min
Response: 261260
Conc: 320.81 ng/ml



#19 AR-1242-4

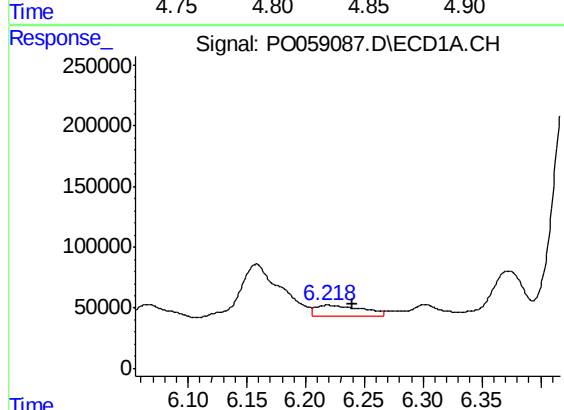
R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: -185610
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-10MS



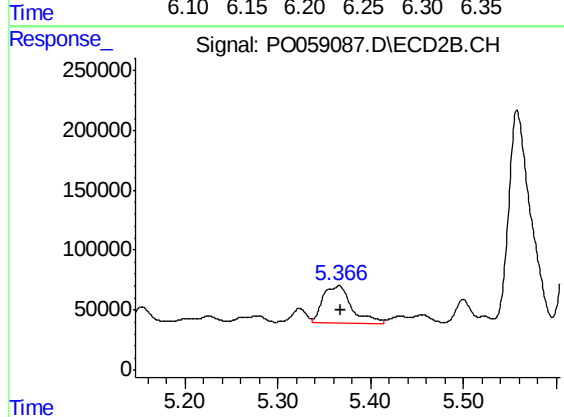
#19 AR-1242-4

R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 201708
Conc: 249.32 ng/ml



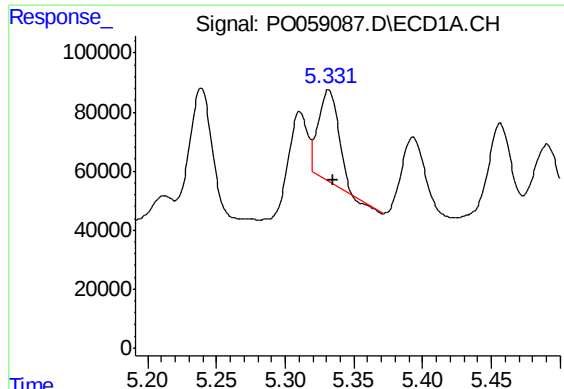
#20 AR-1242-5

R.T.: 6.219 min
Delta R.T.: -0.021 min
Response: 250533
Conc: 213.30 ng/ml



#20 AR-1242-5

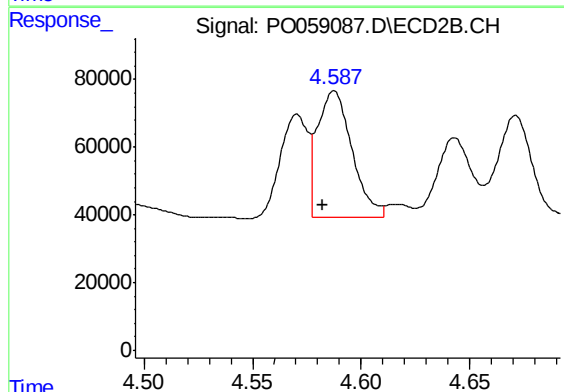
R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 664323
Conc: 619.31 ng/ml



#21 AR-1248-1

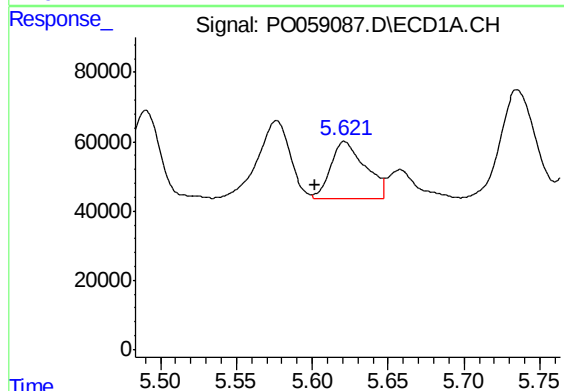
R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 310753
Conc: 307.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



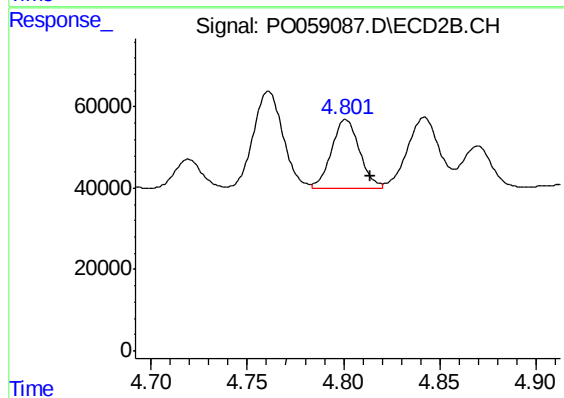
#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 414286
Conc: 518.09 ng/ml



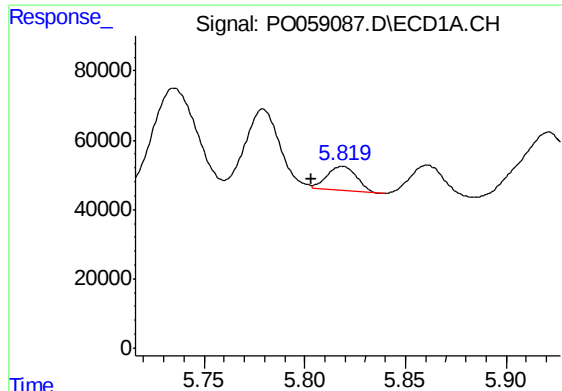
#22 AR-1248-2

R.T.: 5.621 min
Delta R.T.: 0.019 min
Response: 255923
Conc: 177.04 ng/ml



#22 AR-1248-2

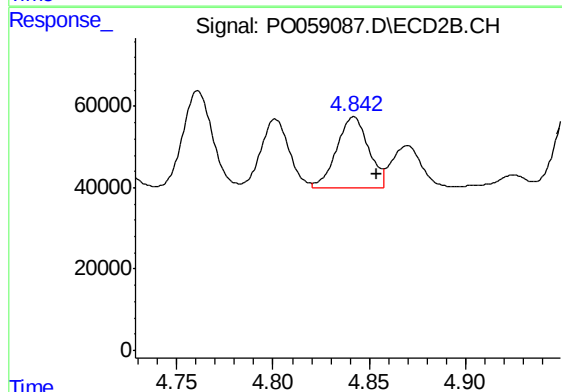
R.T.: 4.801 min
Delta R.T.: -0.013 min
Response: 173860
Conc: 156.91 ng/ml



#23 AR-1248-3

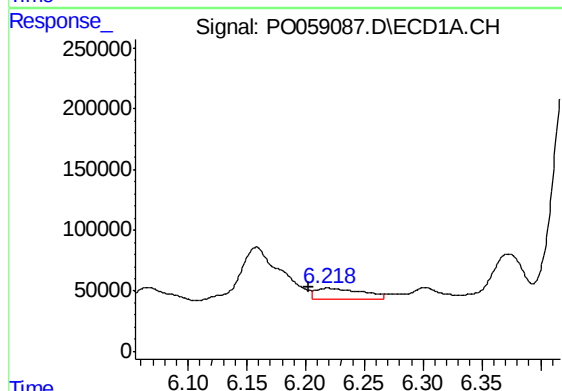
R.T.: 5.819 min
Delta R.T.: 0.015 min
Response: 71025
Conc: 43.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



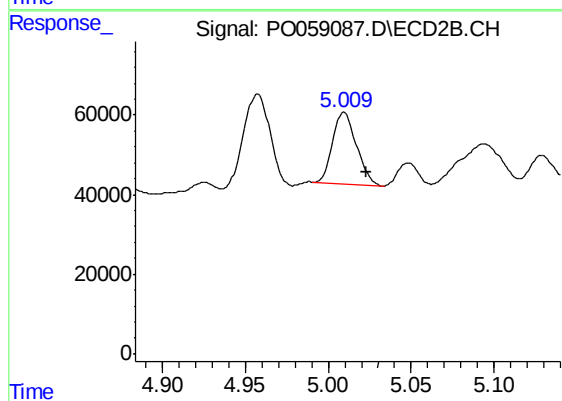
#23 AR-1248-3

R.T.: 4.842 min
Delta R.T.: -0.012 min
Response: 201708
Conc: 177.22 ng/ml



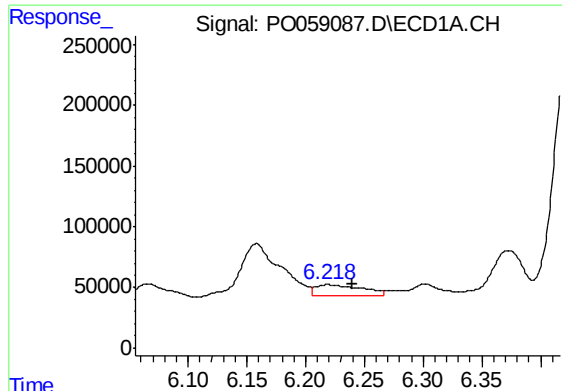
#24 AR-1248-4

R.T.: 6.219 min
Delta R.T.: 0.016 min
Response: 250533
Conc: 123.70 ng/ml



#24 AR-1248-4

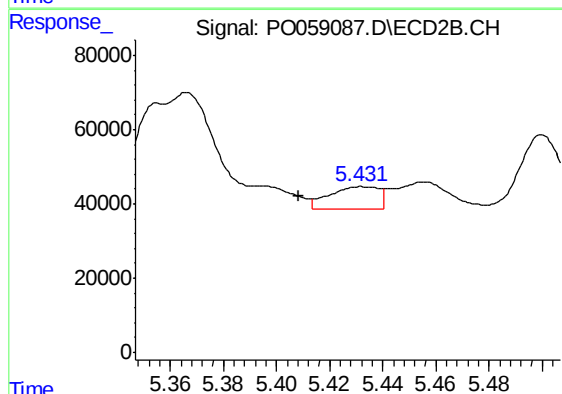
R.T.: 5.010 min
Delta R.T.: -0.013 min
Response: 180432
Conc: 129.16 ng/ml



#25 AR-1248-5

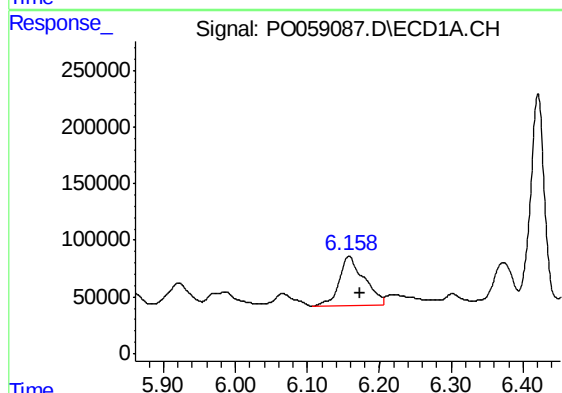
R.T.: 6.219 min
Delta R.T.: -0.021 min
Response: 250533
Conc: 129.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



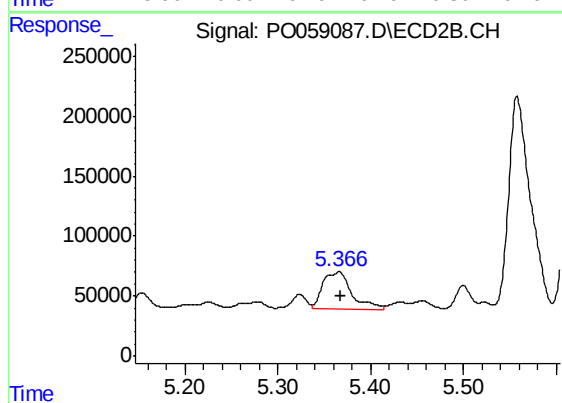
#25 AR-1248-5

R.T.: 5.432 min
Delta R.T.: 0.023 min
Response: 77125
Conc: 55.68 ng/ml



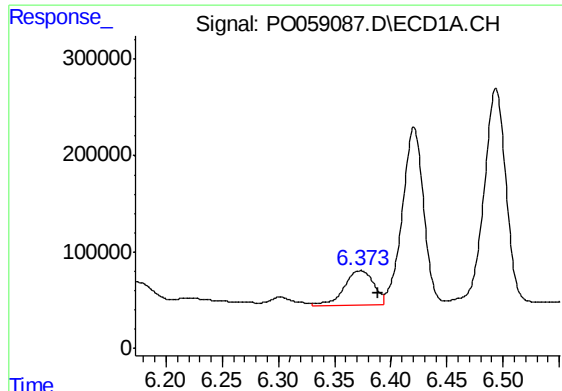
#26 AR-1254-1

R.T.: 6.158 min
Delta R.T.: -0.015 min
Response: 1059116
Conc: 448.53 ng/ml



#26 AR-1254-1

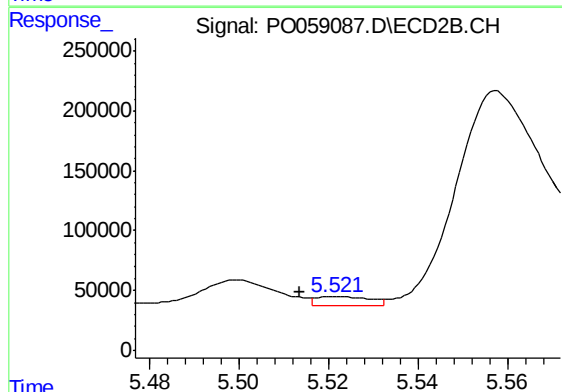
R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 664323
Conc: 256.44 ng/ml



#27 AR-1254-2

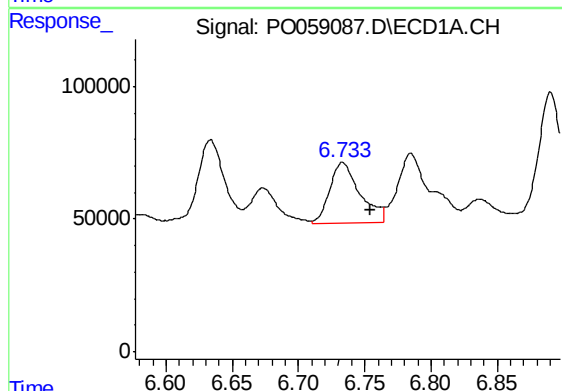
R.T.: 6.373 min
Delta R.T.: -0.016 min
Response: 661348
Conc: 171.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



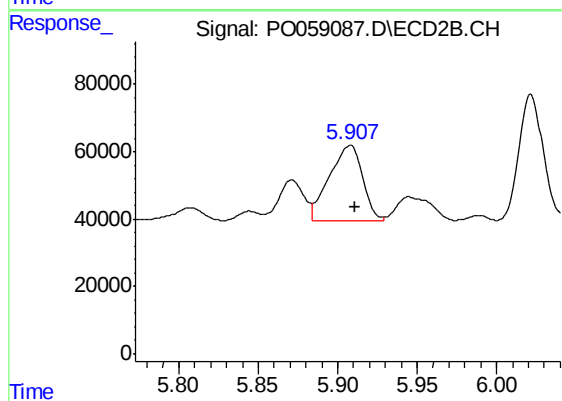
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: 0.008 min
Response: 58033
Conc: 25.35 ng/ml



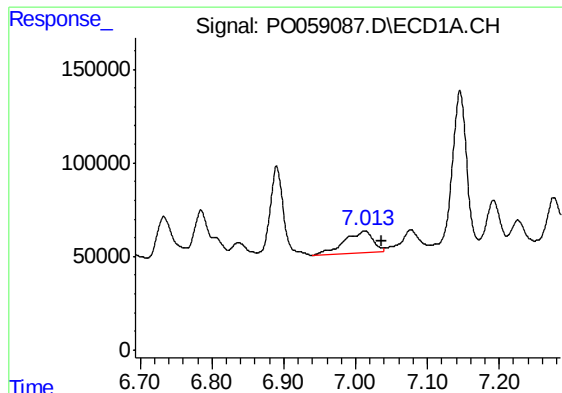
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: -0.021 min
Response: 368058
Conc: 90.89 ng/ml



#28 AR-1254-3

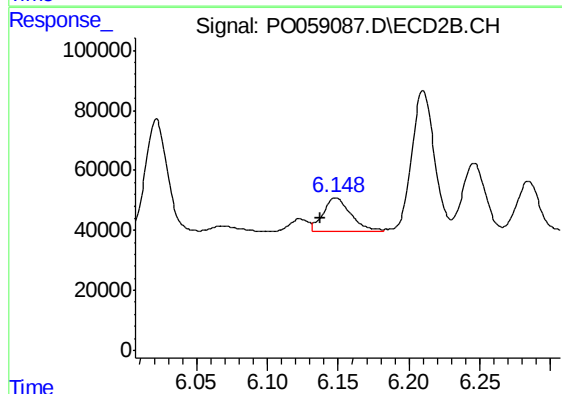
R.T.: 5.908 min
Delta R.T.: -0.003 min
Response: 324081
Conc: 88.08 ng/ml



#29 AR-1254-4

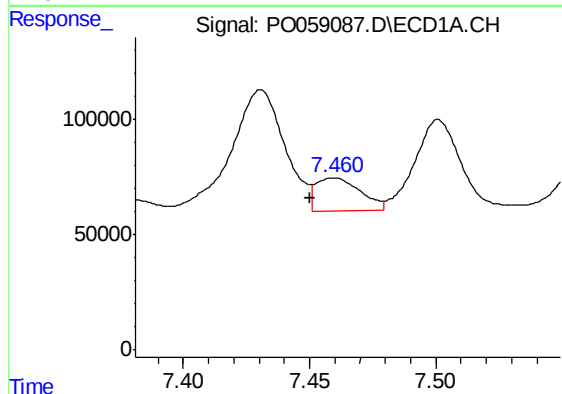
R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 331583
Conc: 92.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



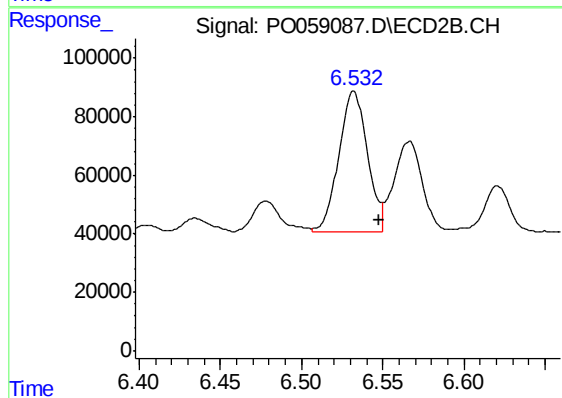
#29 AR-1254-4

R.T.: 6.148 min
Delta R.T.: 0.011 min
Response: 149628
Conc: 64.35 ng/ml



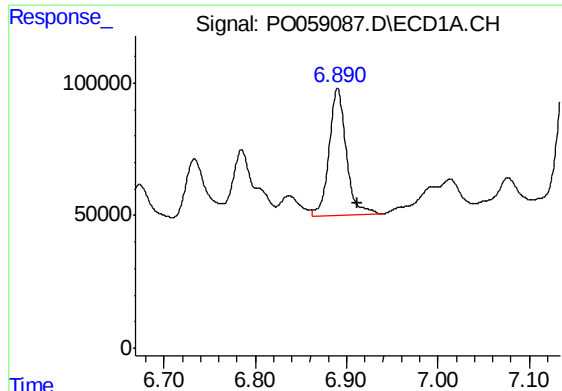
#30 AR-1254-5

R.T.: 7.460 min
Delta R.T.: 0.010 min
Response: 174201
Conc: 48.06 ng/ml



#30 AR-1254-5

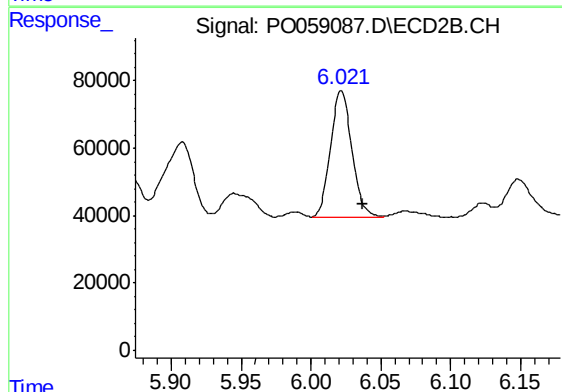
R.T.: 6.532 min
Delta R.T.: -0.016 min
Response: 594982
Conc: 172.48 ng/ml



#31 AR-1260-1

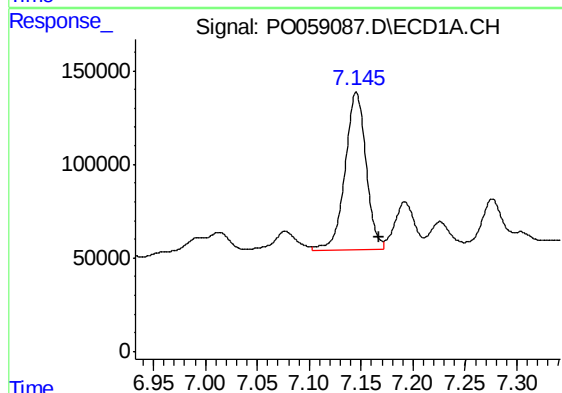
R.T.: 6.890 min
Delta R.T.: -0.022 min
Response: 629474
Conc: 218.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



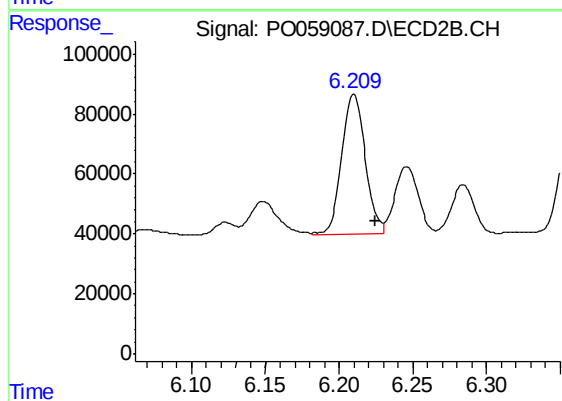
#31 AR-1260-1

R.T.: 6.022 min
Delta R.T.: -0.015 min
Response: 398829
Conc: 167.57 ng/ml



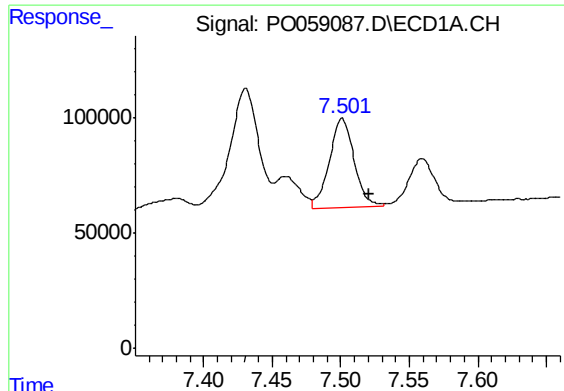
#32 AR-1260-2

R.T.: 7.145 min
Delta R.T.: -0.022 min
Response: 1180975
Conc: 283.88 ng/ml



#32 AR-1260-2

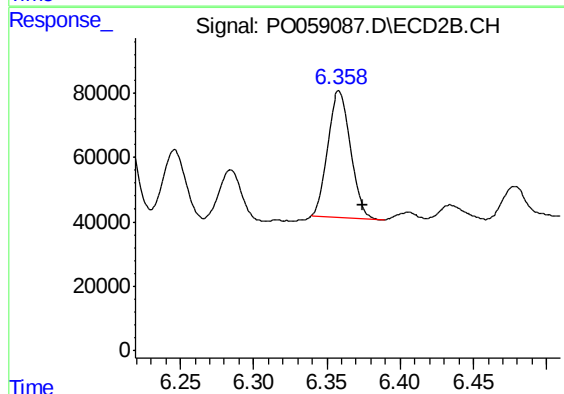
R.T.: 6.210 min
Delta R.T.: -0.015 min
Response: 517284
Conc: 170.76 ng/ml



#33 AR-1260-3

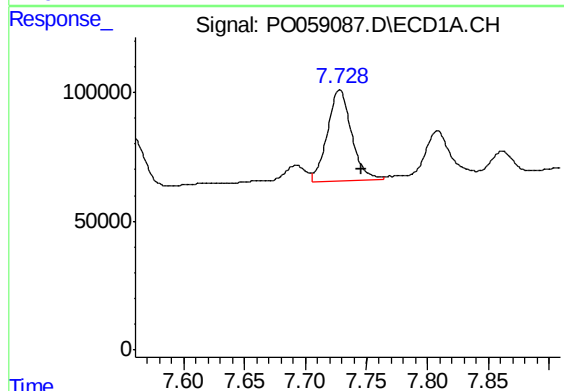
R.T.: 7.501 min
Delta R.T.: -0.019 min
Response: 485128
Conc: 130.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



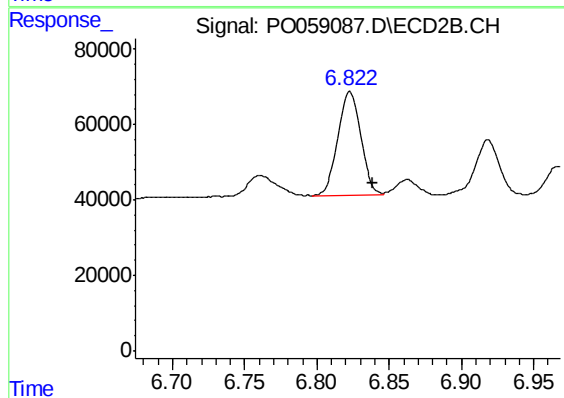
#33 AR-1260-3

R.T.: 6.358 min
Delta R.T.: -0.016 min
Response: 423307
Conc: 156.79 ng/ml



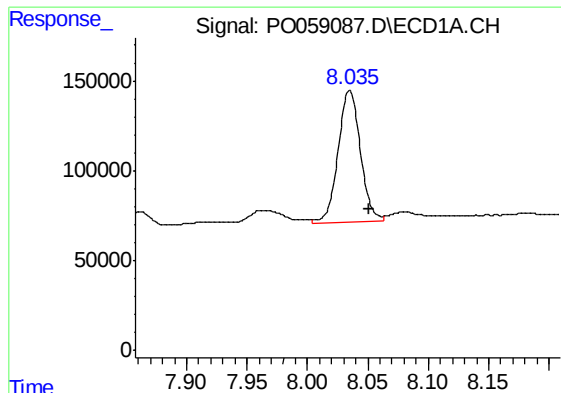
#34 AR-1260-4

R.T.: 7.728 min
Delta R.T.: -0.018 min
Response: 492012
Conc: 144.38 ng/ml



#34 AR-1260-4

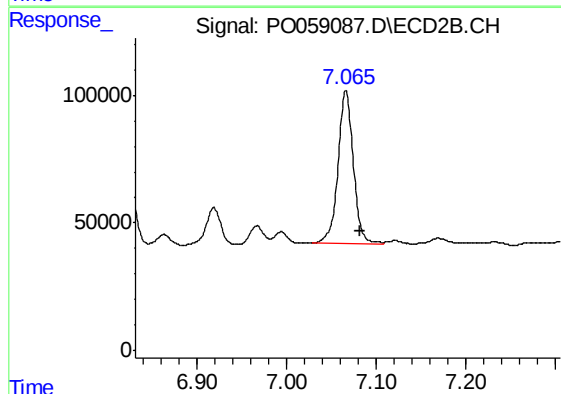
R.T.: 6.823 min
Delta R.T.: -0.016 min
Response: 309091
Conc: 136.79 ng/ml



#35 AR-1260-5

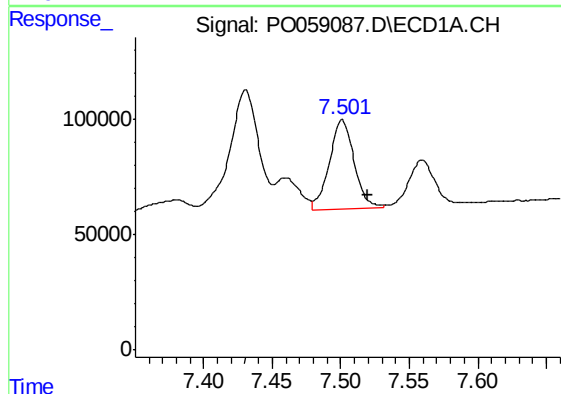
R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 939832
Conc: 127.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



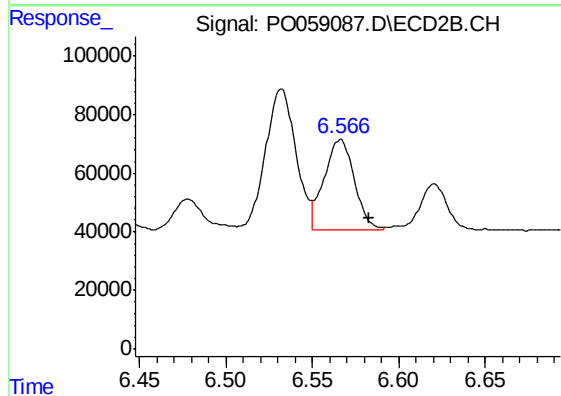
#35 AR-1260-5

R.T.: 7.066 min
Delta R.T.: -0.016 min
Response: 712412
Conc: 132.29 ng/ml



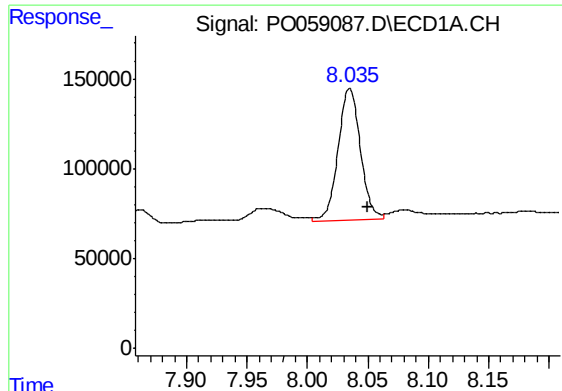
#36 AR-1262-1

R.T.: 7.501 min
Delta R.T.: -0.019 min
Response: 485128
Conc: 96.25 ng/ml



#36 AR-1262-1

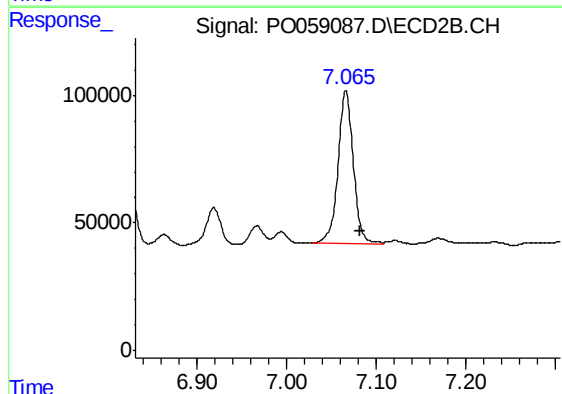
R.T.: 6.566 min
Delta R.T.: -0.016 min
Response: 381813
Conc: 106.90 ng/ml



#37 AR-1262-2

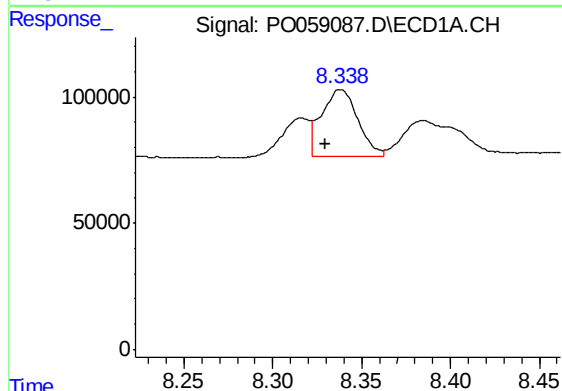
R.T.: 8.035 min
Delta R.T.: -0.015 min
Response: 939832
Conc: 118.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



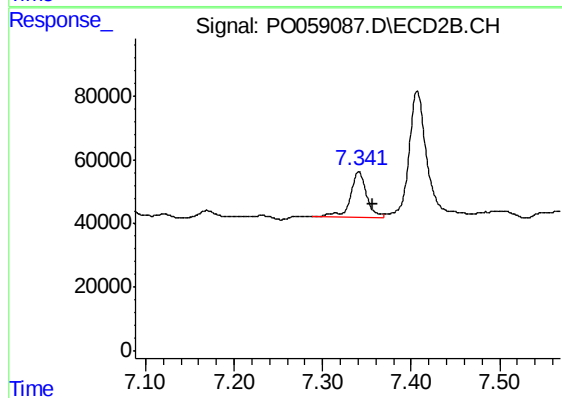
#37 AR-1262-2

R.T.: 7.066 min
Delta R.T.: -0.016 min
Response: 712412
Conc: 126.18 ng/ml



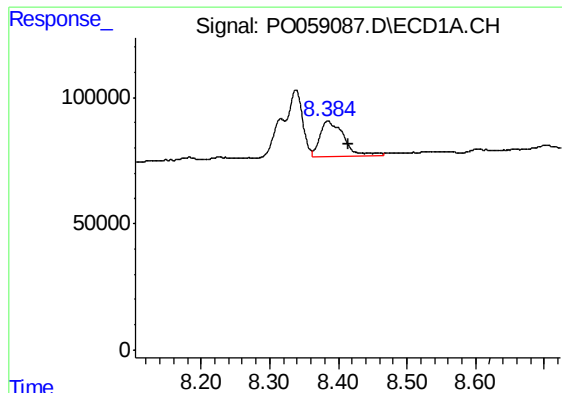
#38 AR-1262-3

R.T.: 8.338 min
Delta R.T.: 0.008 min
Response: 379694
Conc: 74.69 ng/ml



#38 AR-1262-3

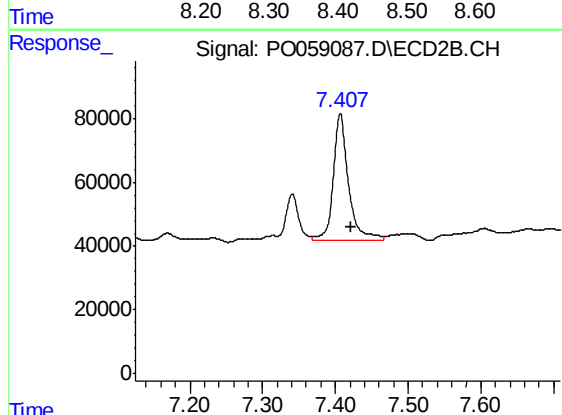
R.T.: 7.341 min
Delta R.T.: -0.016 min
Response: 183000
Conc: 74.15 ng/ml



#39 AR-1262-4

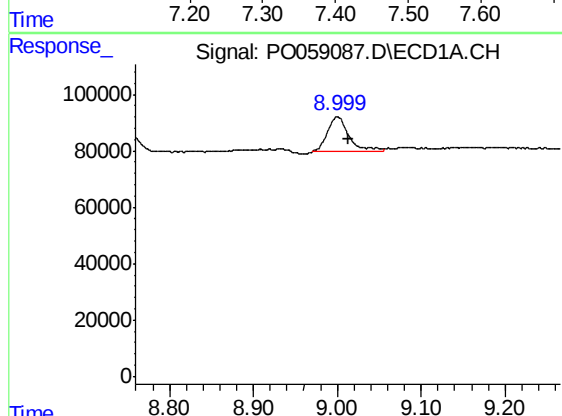
R.T.: 8.385 min
Delta R.T.: -0.031 min
Response: 345804
Conc: 91.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



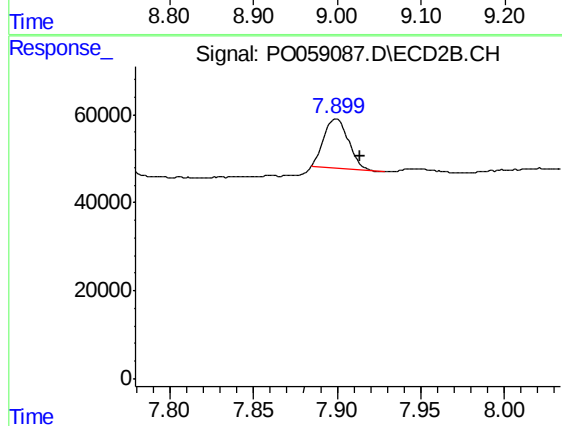
#39 AR-1262-4

R.T.: 7.407 min
Delta R.T.: -0.015 min
Response: 575467
Conc: 135.53 ng/ml



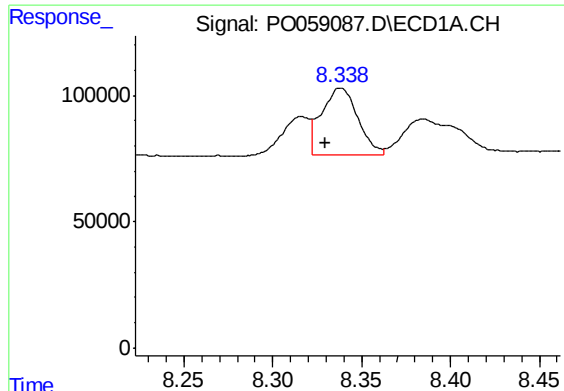
#40 AR-1262-5

R.T.: 9.000 min
Delta R.T.: -0.014 min
Response: 220303
Conc: 95.89 ng/ml



#40 AR-1262-5

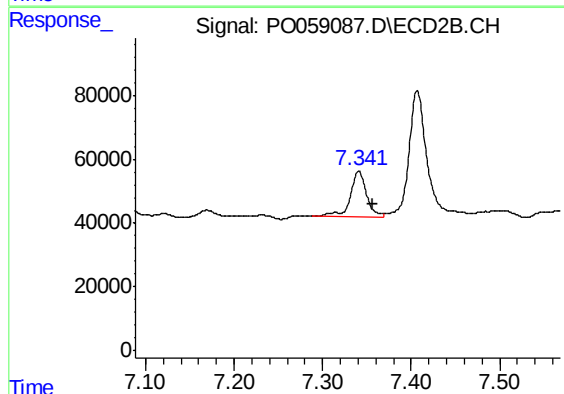
R.T.: 7.900 min
Delta R.T.: -0.014 min
Response: 114699
Conc: 67.45 ng/ml



#41 AR-1268-1

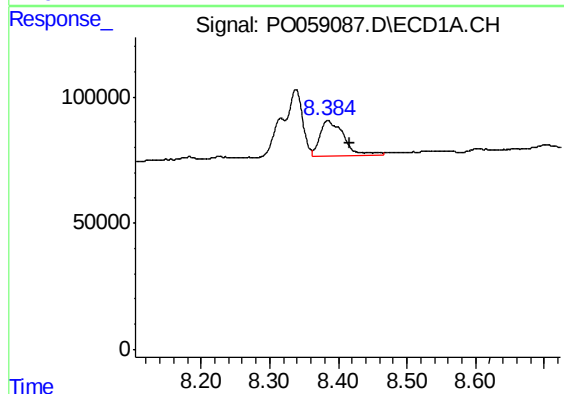
R.T.: 8.338 min
Delta R.T.: 0.009 min
Response: 379694
Conc: 33.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



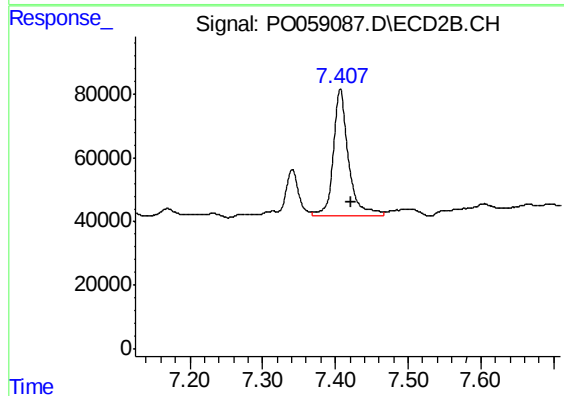
#41 AR-1268-1

R.T.: 7.341 min
Delta R.T.: -0.016 min
Response: 183000
Conc: 22.47 ng/ml



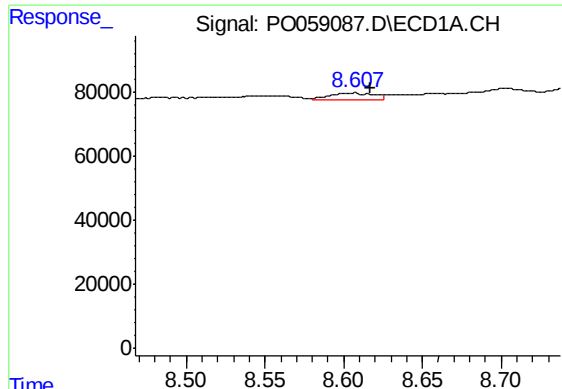
#42 AR-1268-2

R.T.: 8.385 min
Delta R.T.: -0.032 min
Response: 345804
Conc: 36.81 ng/ml



#42 AR-1268-2

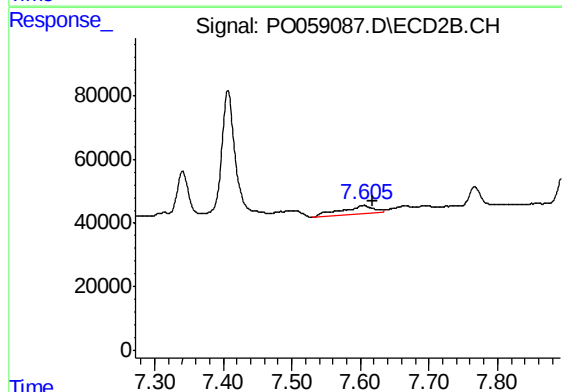
R.T.: 7.407 min
Delta R.T.: -0.015 min
Response: 575467
Conc: 75.95 ng/ml



#43 AR-1268-3

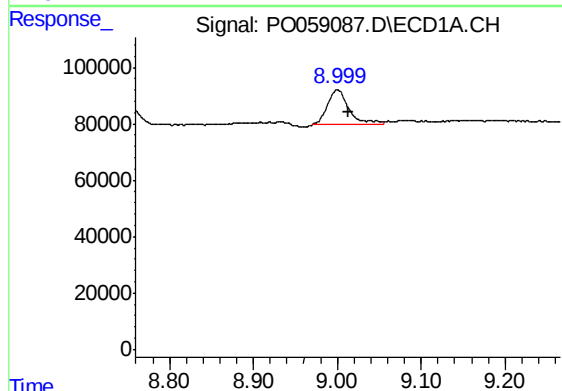
R.T.: 8.606 min
Delta R.T.: -0.011 min
Response: 44130
Conc: 5.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



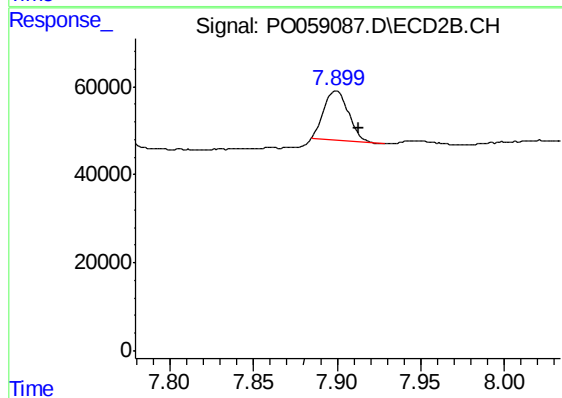
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.015 min
Response: 87857
Conc: 13.74 ng/ml



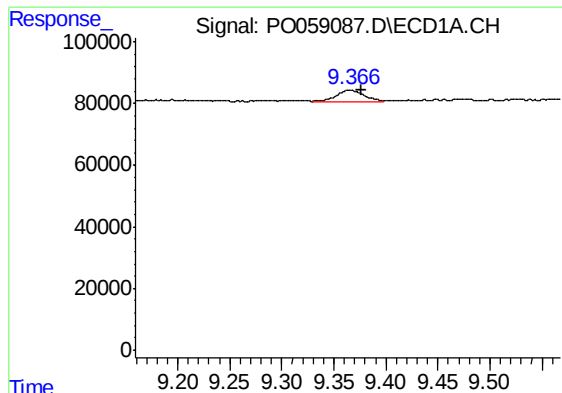
#44 AR-1268-4

R.T.: 9.000 min
Delta R.T.: -0.014 min
Response: 220303
Conc: 73.70 ng/ml



#44 AR-1268-4

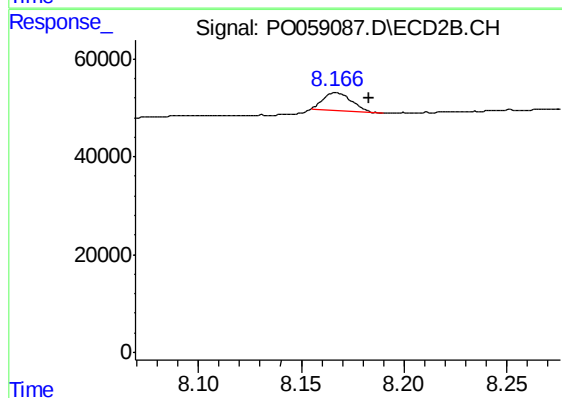
R.T.: 7.900 min
Delta R.T.: -0.014 min
Response: 114699
Conc: 49.42 ng/ml



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: -0.010 min
Response: 73235
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-10MS



#45 AR-1268-5

R.T.: 8.167 min
Delta R.T.: -0.016 min
Response: 34745
Conc: 2.03 ng/ml