

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062419\
 Data File : P0057405.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jun 2019 16:16
 Operator : SM/SJ
 Sample : K3482-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-2MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 17:35:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 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...	4.229	3.555	776893	766635	19.778	21.802
2)	SA Decachlor...	9.781	8.477	1077042	730223	19.153	19.521
Target Compounds							
3)	L1 AR-1016-1	5.389	4.621	205277	173232	116.143	129.569
4)	L1 AR-1016-2	5.411	4.638	324583	251619	125.955	129.242
5)	L1 AR-1016-3	5.472	4.813	250231	133647	160.522	126.233
6)	L1 AR-1016-4	5.570	4.854	139295	109045	107.415	122.563
7)	L1 AR-1016-5	5.860	5.064	154248	137856	112.850	120.672
9)	L2 AR-1221-2	4.602	0.000	88903	0	267.535	N.D. #
10)	L2 AR-1221-3	4.602	3.923	88903	81916	84.219	93.528
11)	L3 AR-1232-1	4.602	3.923	88903	81916	99.034	109.652
12)	L3 AR-1232-2	5.124	4.638	139417	251619	287.703	305.389
13)	L3 AR-1232-3	5.411	4.813	324583	133647	309.480	309.415
14)	L3 AR-1232-4	5.570	4.894	139295	127575	262.069	335.544 #
15)	L3 AR-1232-5	5.658	5.064	131488	137856	318.421	323.804
16)	L4 AR-1242-1	5.389	4.621	205277	173232	144.843	163.689
17)	L4 AR-1242-2	5.411	4.638	324583	251619	156.061	161.506
18)	L4 AR-1242-3	5.472	4.813	250231	133647	198.211	157.623
19)	L4 AR-1242-4	5.570	4.894	139295	127575	128.392	152.878
20)	L4 AR-1242-5	0.000	5.411	0	105385	N.D.	105.231 #
21)	L5 AR-1248-1	5.389	4.621	205277	173232	176.246	186.822
22)	L5 AR-1248-2	5.658	4.854	131488	109045	75.746	84.836
23)	L5 AR-1248-3	5.860	4.894	154248	127575	79.198	96.677
24)	L5 AR-1248-4	6.232	5.064	135590	137856	57.849	85.177 #
25)	L5 AR-1248-5	0.000	5.411	0	105385	N.D.	68.141 #
26)	L6 AR-1254-1	6.232	5.411	135590	105385	69.613	49.553 #
27)	L6 AR-1254-2	6.448	5.556	153126	104685	49.130	56.244
28)	L6 AR-1254-3	6.816	5.969	79072	202252	23.917	67.166 #
29)	L6 AR-1254-4	7.097	6.211	52192	65985	19.231	36.657 #
30)	L6 AR-1254-5	7.513	6.595	492311	364432	176.084	134.521
31)	L7 AR-1260-1	6.974	6.083	345507	277579	124.670	129.692
32)	L7 AR-1260-2	7.231	6.271	436120	341316	118.299	124.403
33)	L7 AR-1260-3	7.586	6.421	301231	304349	99.150	124.656 #
34)	L7 AR-1260-4	7.811	6.888	333748	214155	110.049	102.858
35)	L7 AR-1260-5	8.119	7.130	593454	513557	94.899	101.251
36)	L8 AR-1262-1	7.586	6.630	301231	263835	66.280	70.483
37)	L8 AR-1262-2	8.119	7.130	593454	513557	82.830	86.431
38)	L8 AR-1262-3	8.425	7.408	390429	118652	79.515	46.388 #
39)	L8 AR-1262-4	8.475	7.473	241146	360216	59.274	81.731 #
40)	L8 AR-1262-5	9.104	7.966	152146	108023	60.335	59.150
41)	L9 AR-1268-1	8.425	7.408	390429	118652	46.303	17.329 #
42)	L9 AR-1268-2	8.475	7.473	241146	360216	30.202	56.753 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062419\
 Data File : P0057405.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jun 2019 16:16
 Operator : SM/SJ
 Sample : K3482-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-2MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 17:35:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 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
44) L9	AR-1268-4	9.104	7.966	152146	108023	59.049	53.920
45) L9	AR-1268-5	0.000	8.240	0	37225	N.D.	2.423 #

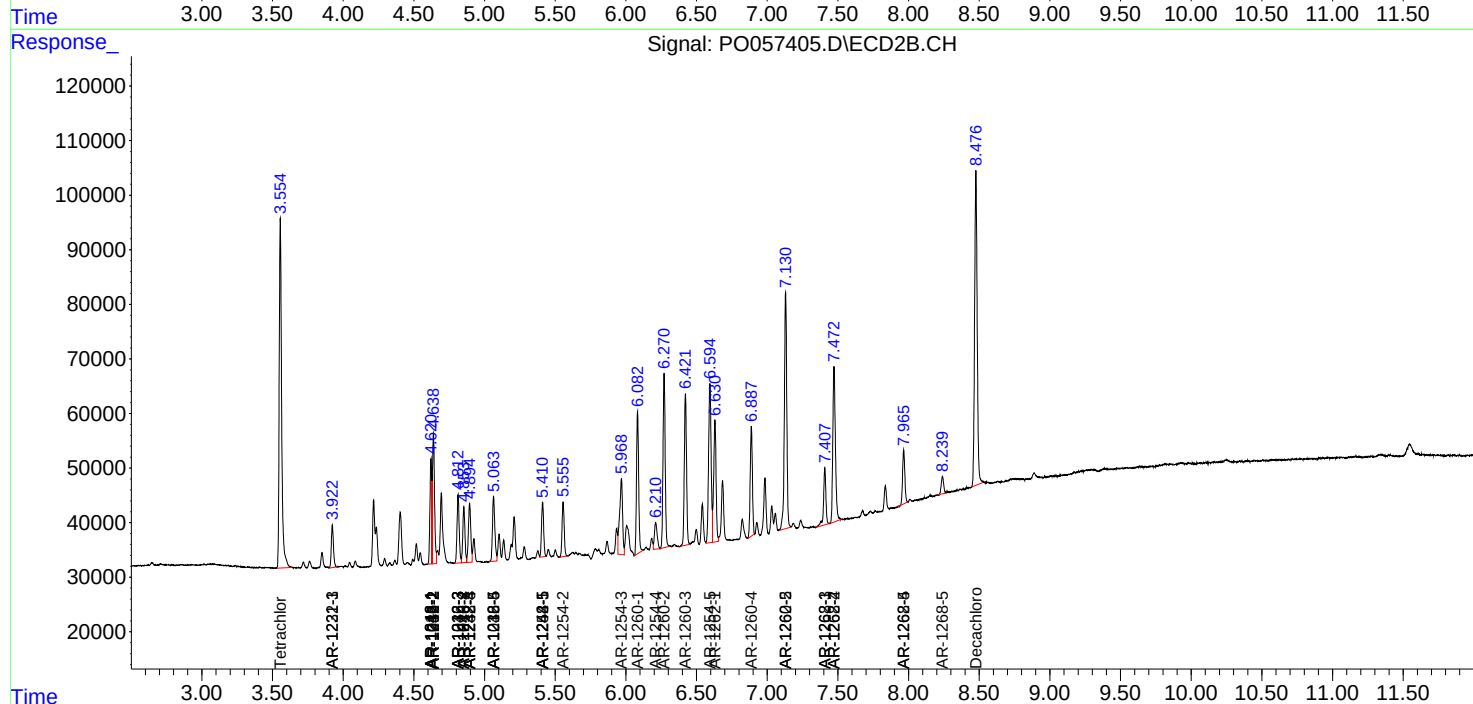
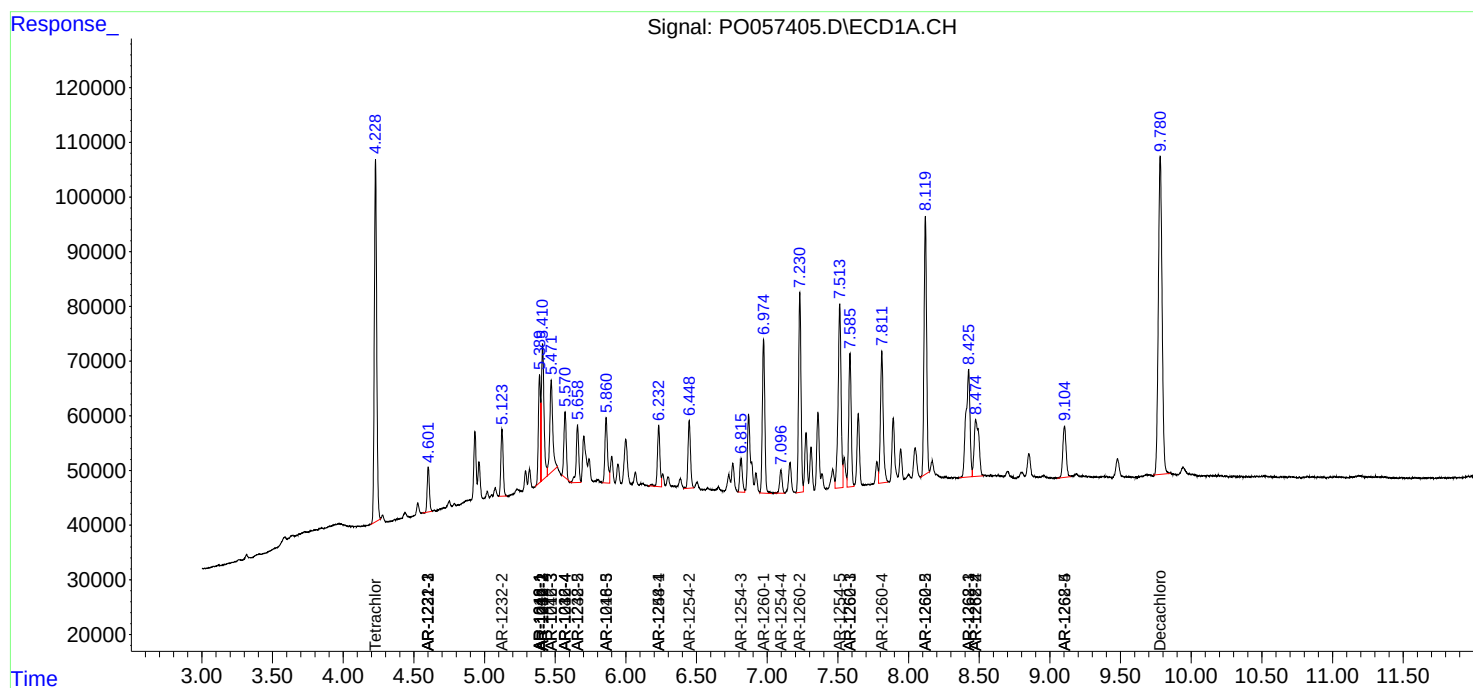
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

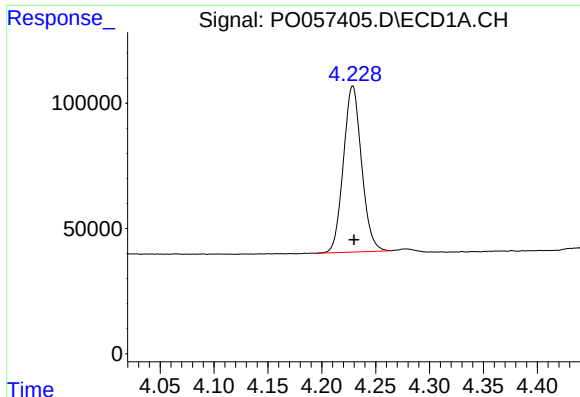
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062419\
Data File : P0057405.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Jun 2019 16:16
Operator : SM/SJ
Sample : K3482-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-2MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 24 17:35:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jun 24 14:02:43 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

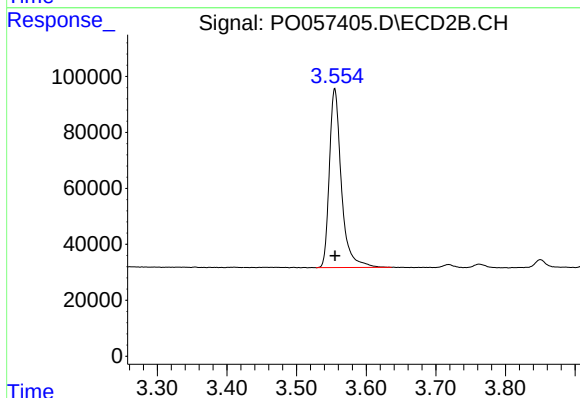




#1 Tetrachloro-m-xylene

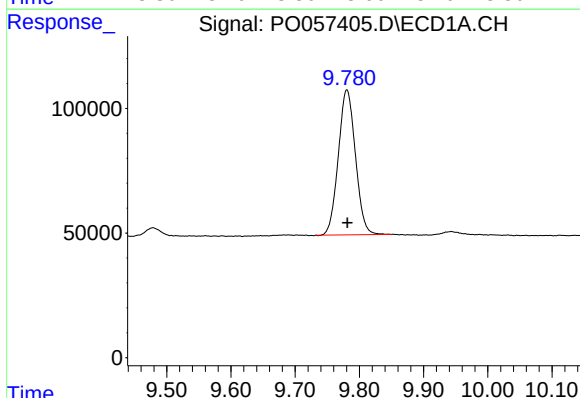
R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 776893
Conc: 19.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



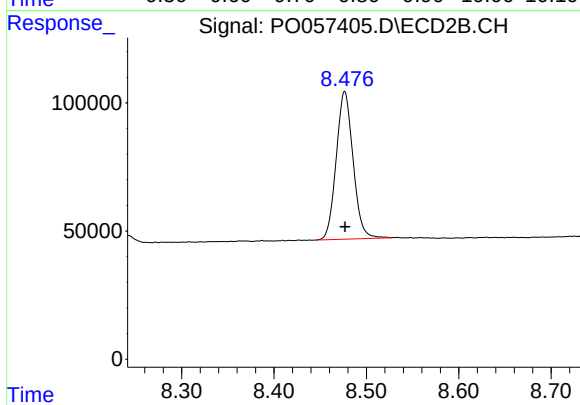
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 766635
Conc: 21.80 ng/ml



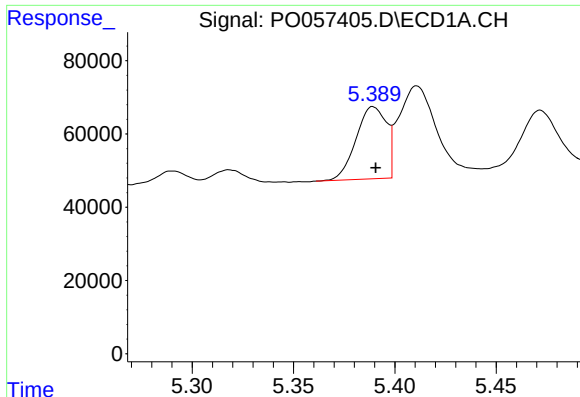
#2 Decachlorobiphenyl

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 1077042
Conc: 19.15 ng/ml



#2 Decachlorobiphenyl

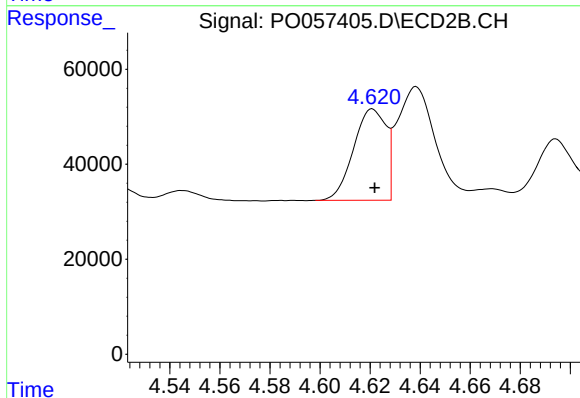
R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 730223
Conc: 19.52 ng/ml



#3 AR-1016-1

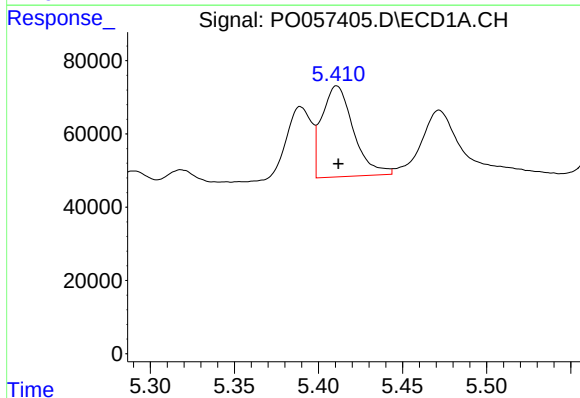
R.T.: 5.389 min
Delta R.T.: -0.001 min
Response: 205277
Conc: 116.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



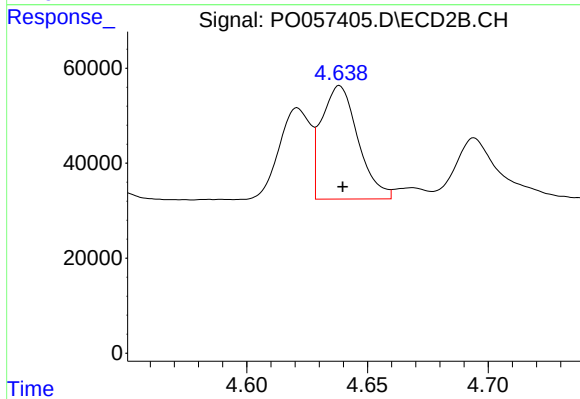
#3 AR-1016-1

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 173232
Conc: 129.57 ng/ml



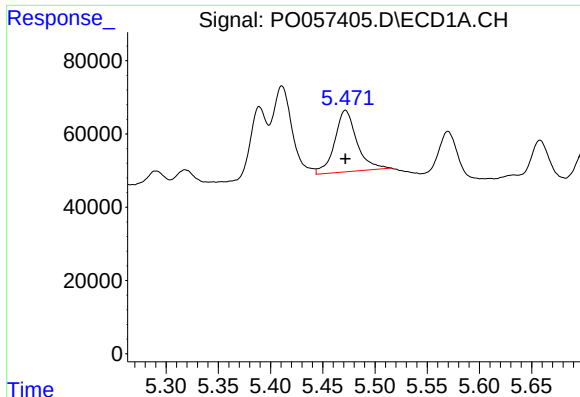
#4 AR-1016-2

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 324583
Conc: 125.95 ng/ml



#4 AR-1016-2

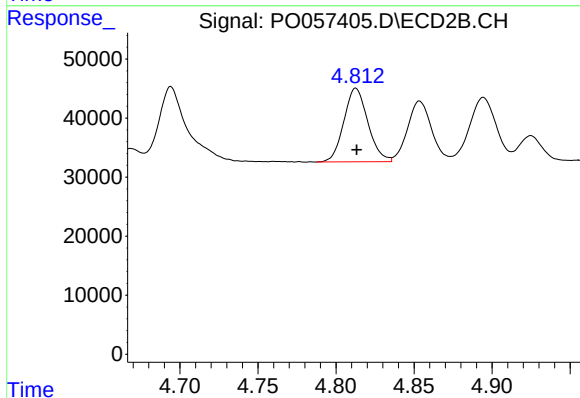
R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 251619
Conc: 129.24 ng/ml



#5 AR-1016-3

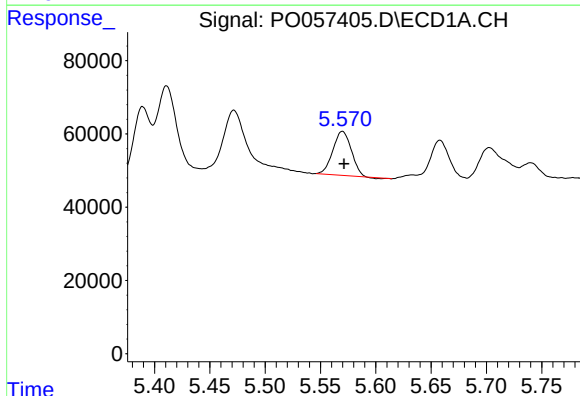
R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 250231
Conc: 160.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



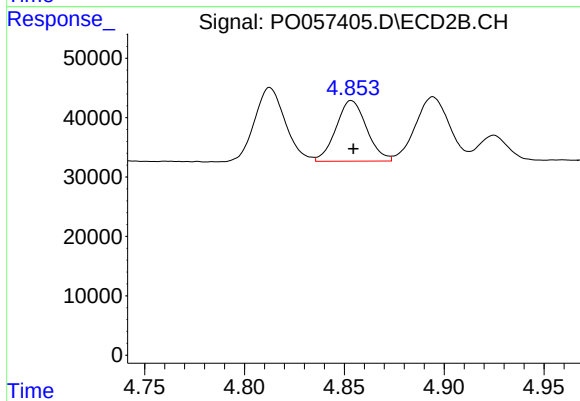
#5 AR-1016-3

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 133647
Conc: 126.23 ng/ml



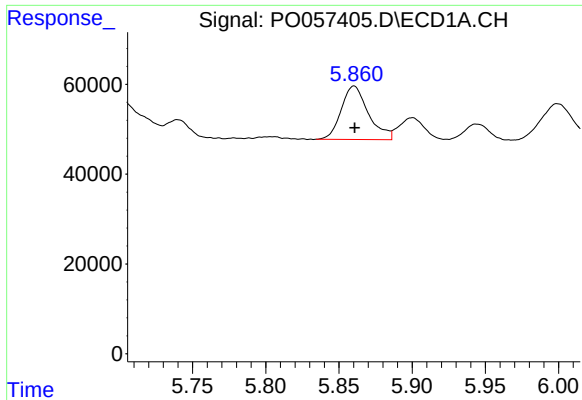
#6 AR-1016-4

R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 139295
Conc: 107.42 ng/ml



#6 AR-1016-4

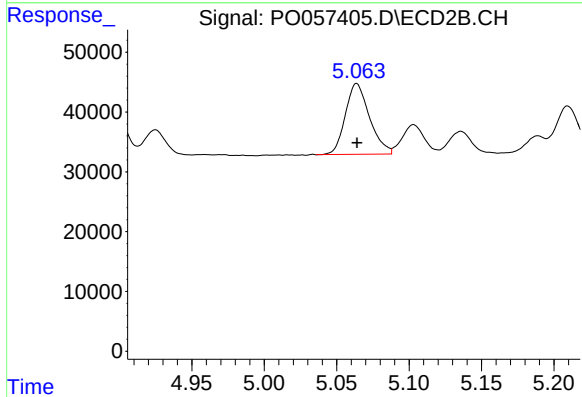
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 109045
Conc: 122.56 ng/ml



#7 AR-1016-5

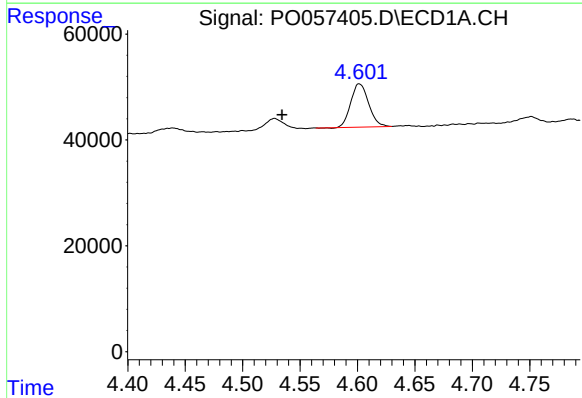
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 154248
Conc: 112.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



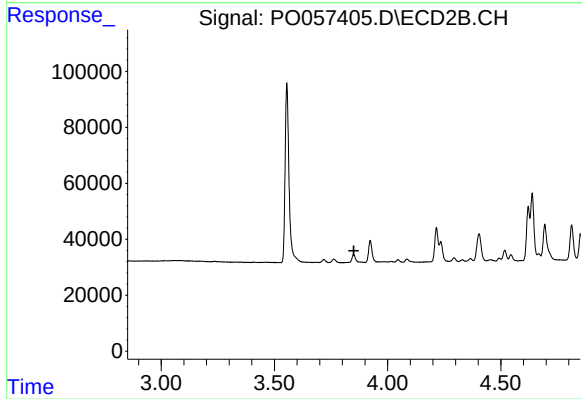
#7 AR-1016-5

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 137856
Conc: 120.67 ng/ml



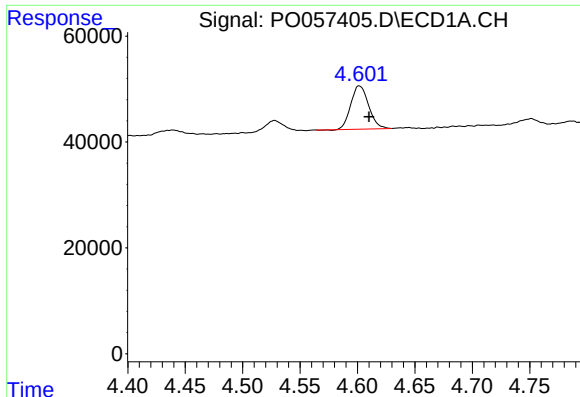
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: 0.067 min
Response: 88903
Conc: 267.54 ng/ml



#9 AR-1221-2

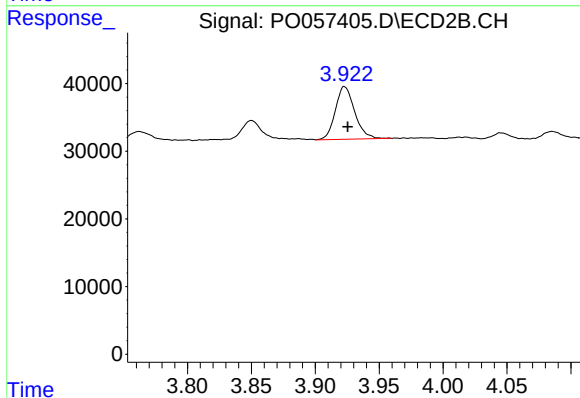
R.T.: 0.000 min
Exp R.T. : 3.851 min
Response: 0
Conc: N.D.



#10 AR-1221-3

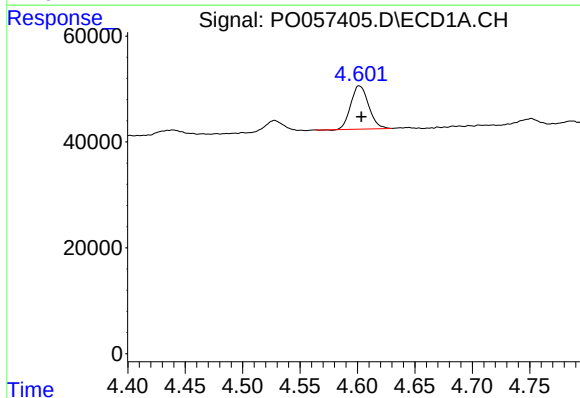
R.T.: 4.602 min
Delta R.T.: -0.008 min
Response: 88903
Conc: 84.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



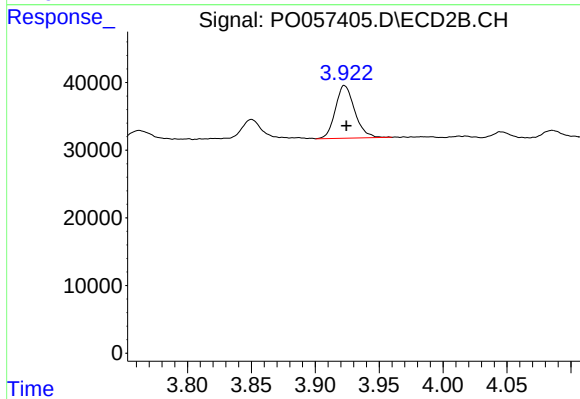
#10 AR-1221-3

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 81916
Conc: 93.53 ng/ml



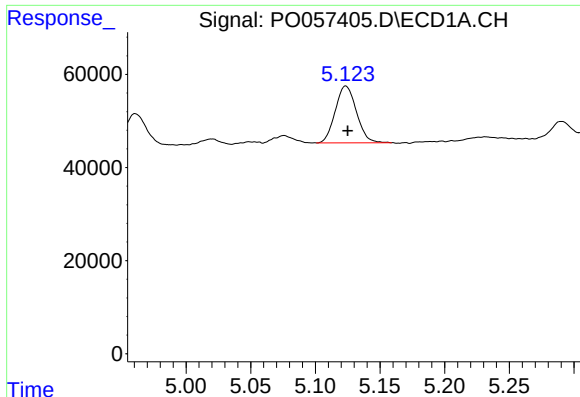
#11 AR-1232-1

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 88903
Conc: 99.03 ng/ml



#11 AR-1232-1

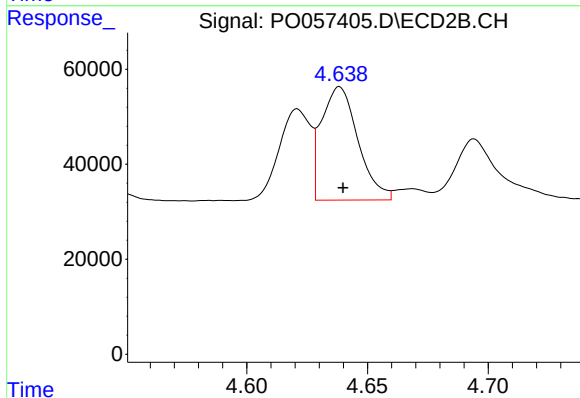
R.T.: 3.923 min
Delta R.T.: -0.001 min
Response: 81916
Conc: 109.65 ng/ml



#12 AR-1232-2

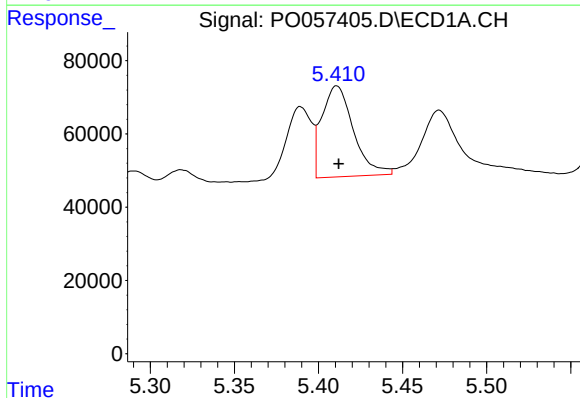
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 139417
Conc: 287.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



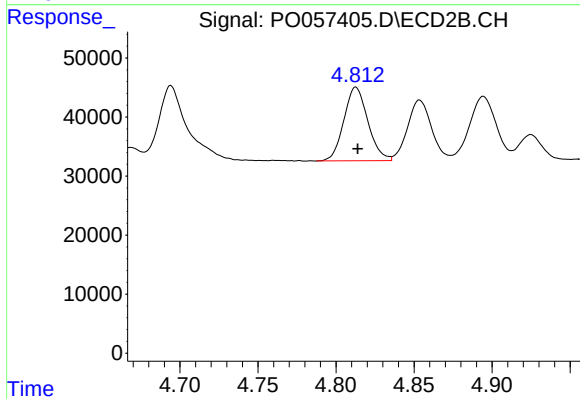
#12 AR-1232-2

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 251619
Conc: 305.39 ng/ml



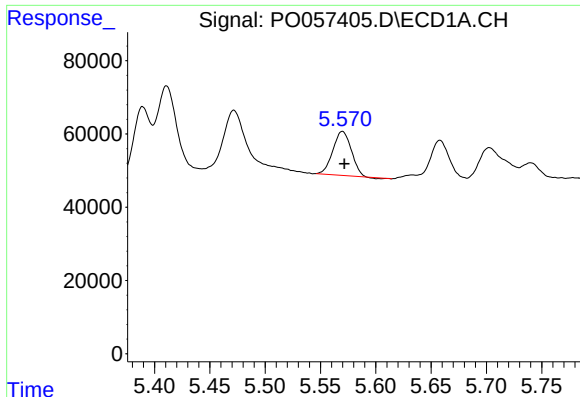
#13 AR-1232-3

R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 324583
Conc: 309.48 ng/ml



#13 AR-1232-3

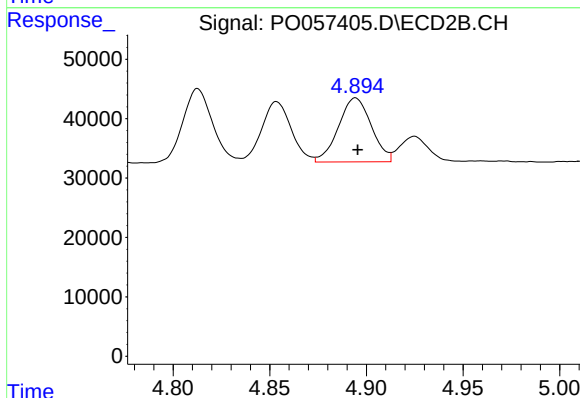
R.T.: 4.813 min
Delta R.T.: -0.001 min
Response: 133647
Conc: 309.41 ng/ml



#14 AR-1232-4

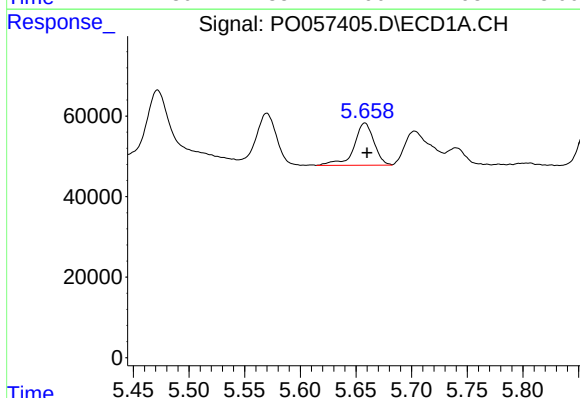
R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 139295
Conc: 262.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



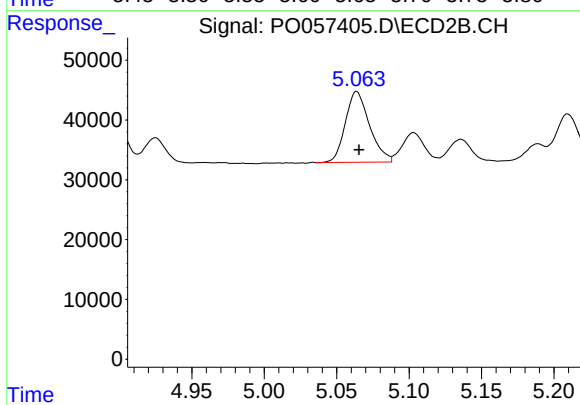
#14 AR-1232-4

R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 127575
Conc: 335.54 ng/ml



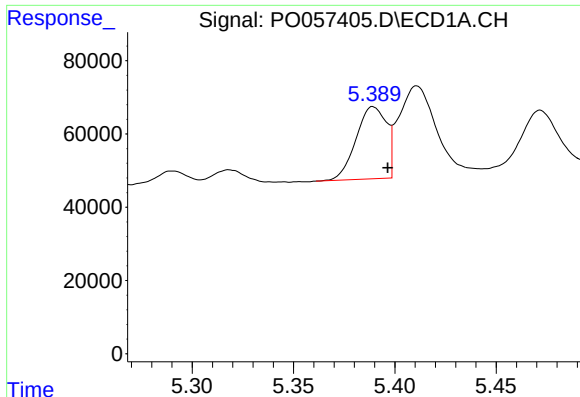
#15 AR-1232-5

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 131488
Conc: 318.42 ng/ml



#15 AR-1232-5

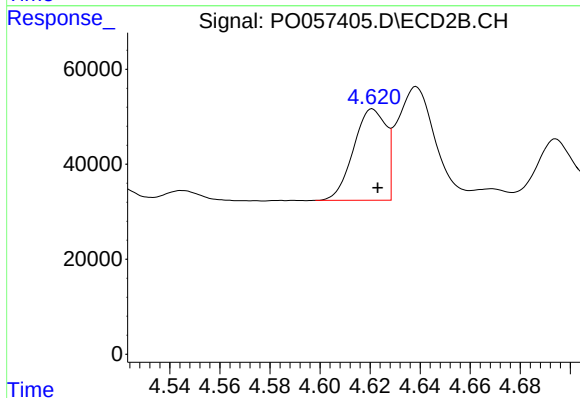
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 137856
Conc: 323.80 ng/ml



#16 AR-1242-1

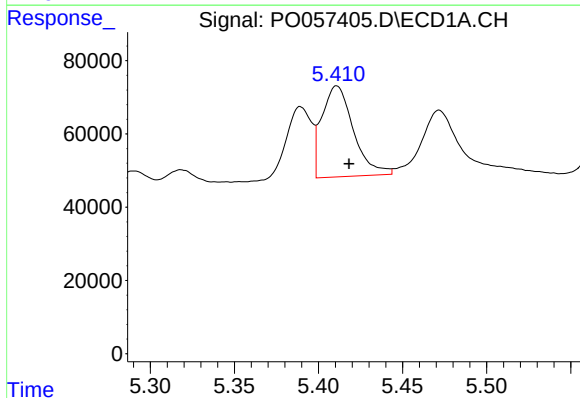
R.T.: 5.389 min
Delta R.T.: -0.007 min
Response: 205277
Conc: 144.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



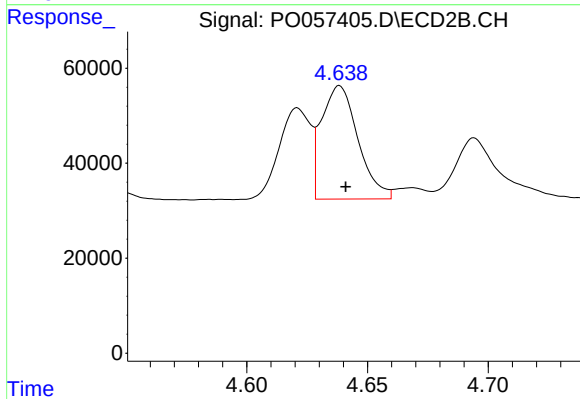
#16 AR-1242-1

R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 173232
Conc: 163.69 ng/ml



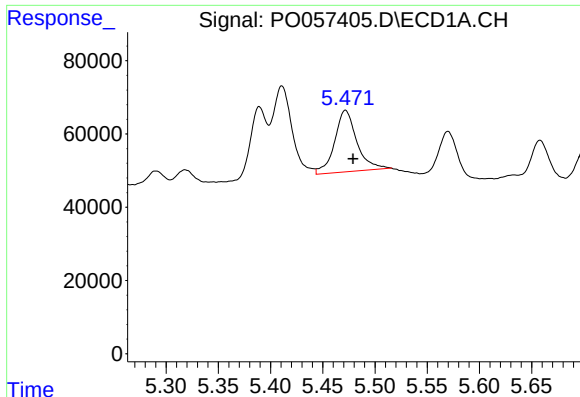
#17 AR-1242-2

R.T.: 5.411 min
Delta R.T.: -0.007 min
Response: 324583
Conc: 156.06 ng/ml



#17 AR-1242-2

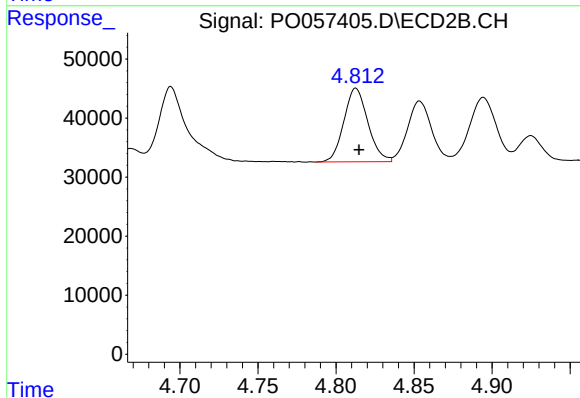
R.T.: 4.638 min
Delta R.T.: -0.003 min
Response: 251619
Conc: 161.51 ng/ml



#18 AR-1242-3

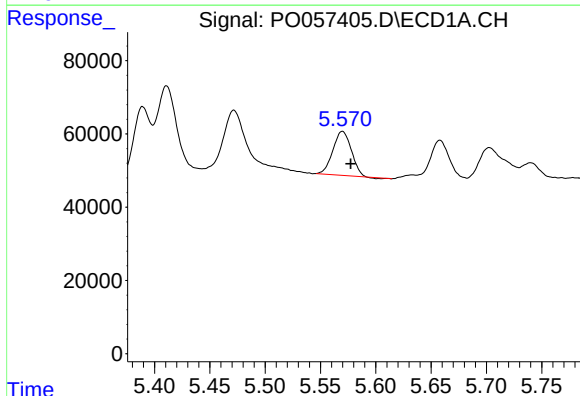
R.T.: 5.472 min
Delta R.T.: -0.007 min
Response: 250231
Conc: 198.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



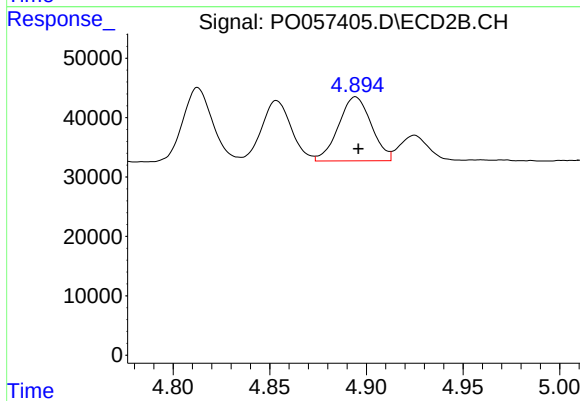
#18 AR-1242-3

R.T.: 4.813 min
Delta R.T.: -0.002 min
Response: 133647
Conc: 157.62 ng/ml



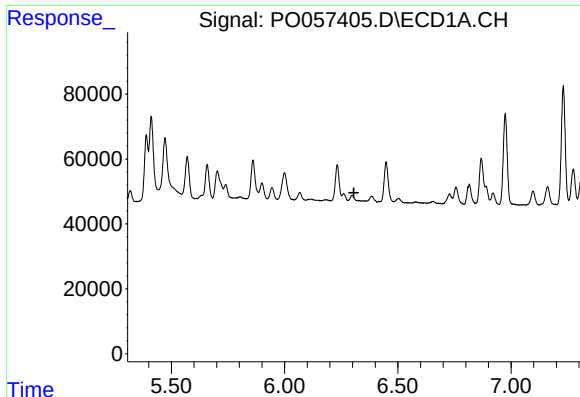
#19 AR-1242-4

R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 139295
Conc: 128.39 ng/ml



#19 AR-1242-4

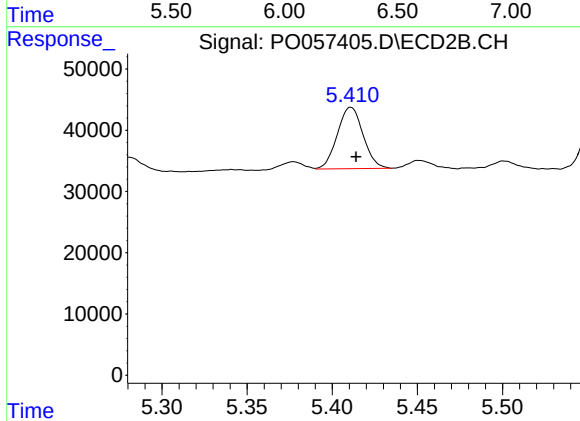
R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 127575
Conc: 152.88 ng/ml



#20 AR-1242-5

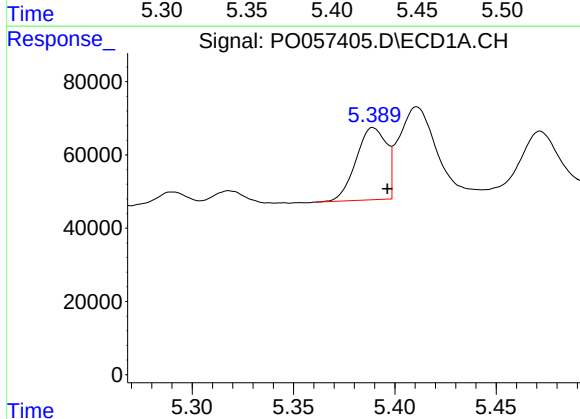
R.T.: 0.000 min
Exp R.T.: 6.306 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-2MS



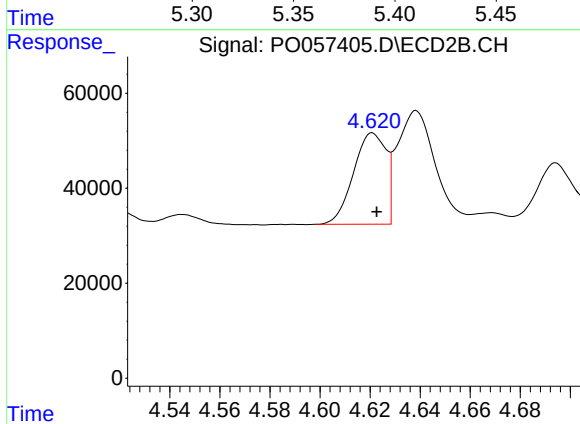
#20 AR-1242-5

R.T.: 5.411 min
Delta R.T.: -0.003 min
Response: 105385
Conc: 105.23 ng/ml



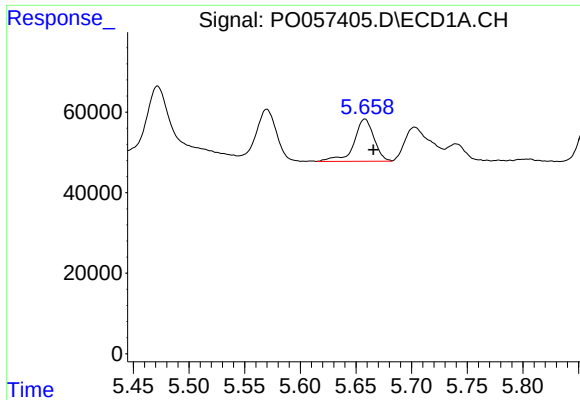
#21 AR-1248-1

R.T.: 5.389 min
Delta R.T.: -0.007 min
Response: 205277
Conc: 176.25 ng/ml



#21 AR-1248-1

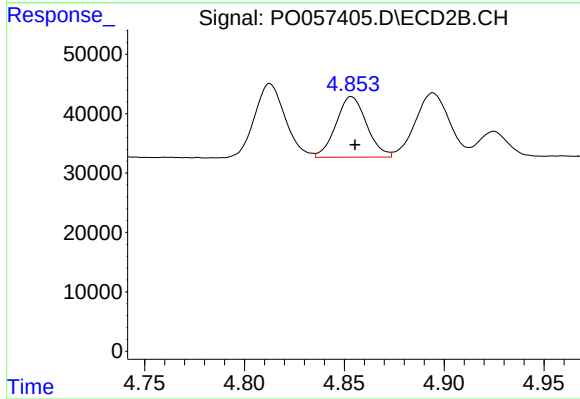
R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 173232
Conc: 186.82 ng/ml



#22 AR-1248-2

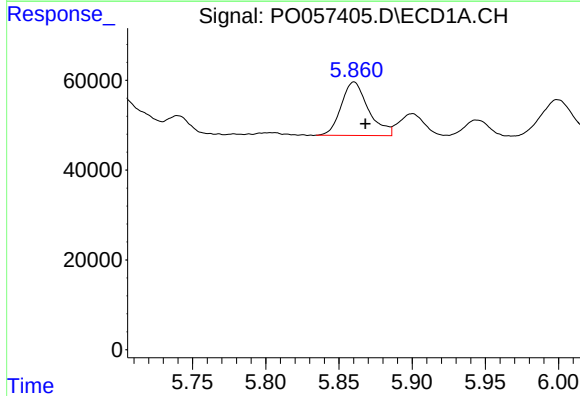
R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 131488
Conc: 75.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



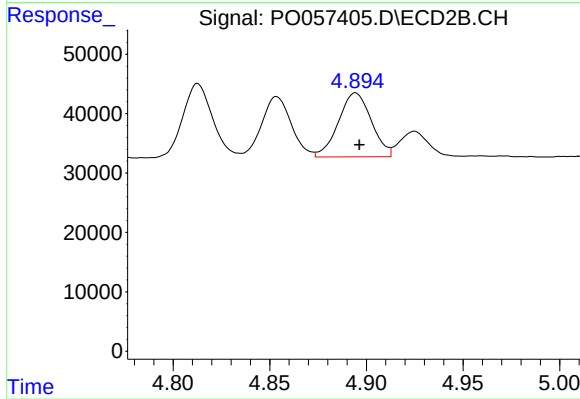
#22 AR-1248-2

R.T.: 4.854 min
Delta R.T.: -0.002 min
Response: 109045
Conc: 84.84 ng/ml



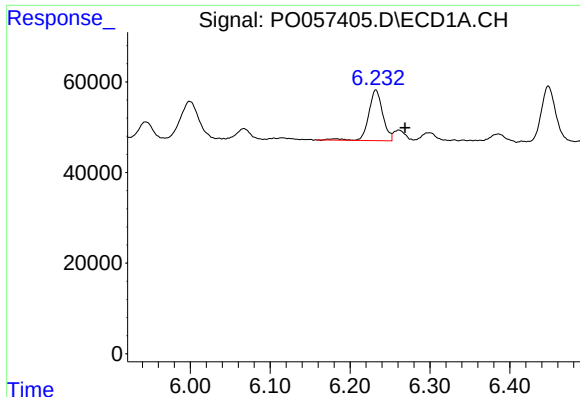
#23 AR-1248-3

R.T.: 5.860 min
Delta R.T.: -0.008 min
Response: 154248
Conc: 79.20 ng/ml



#23 AR-1248-3

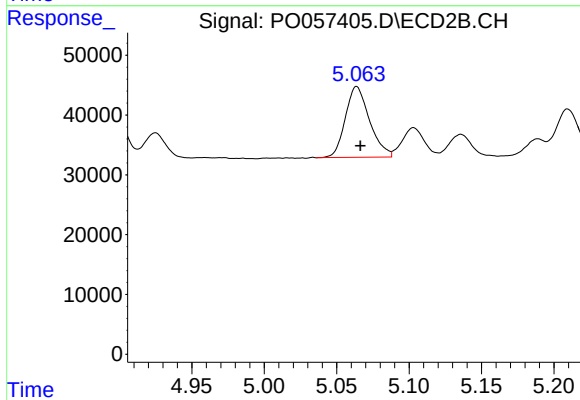
R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 127575
Conc: 96.68 ng/ml



#24 AR-1248-4

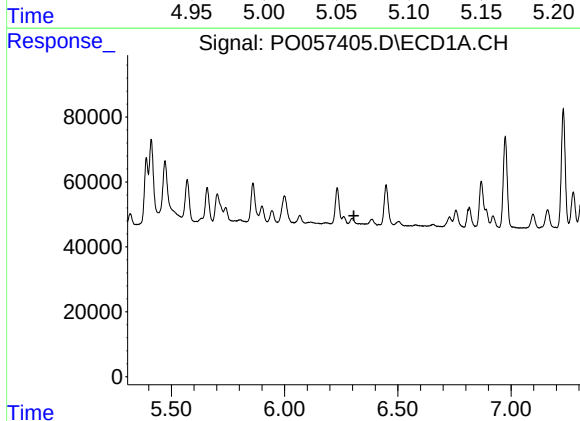
R.T.: 6.232 min
Delta R.T.: -0.037 min
Response: 135590
Conc: 57.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



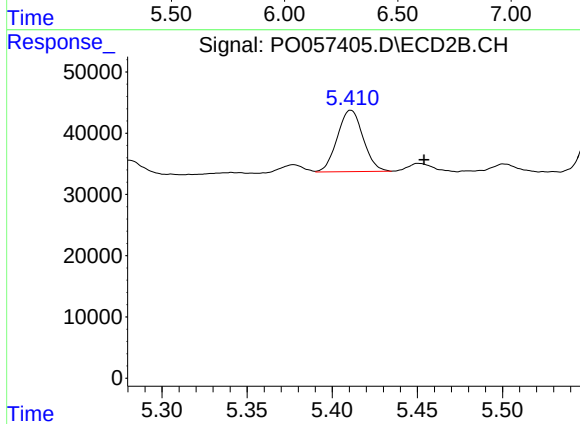
#24 AR-1248-4

R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 137856
Conc: 85.18 ng/ml



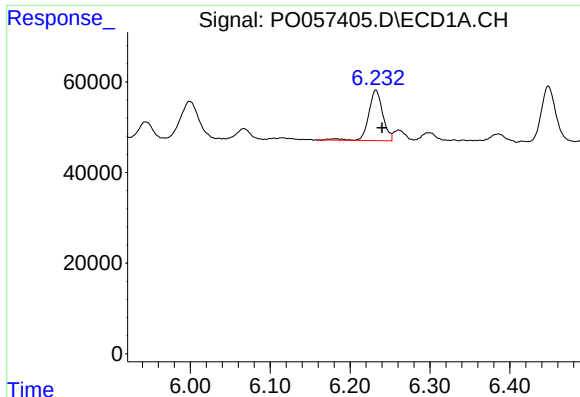
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.306 min
Response: 0
Conc: N.D.



#25 AR-1248-5

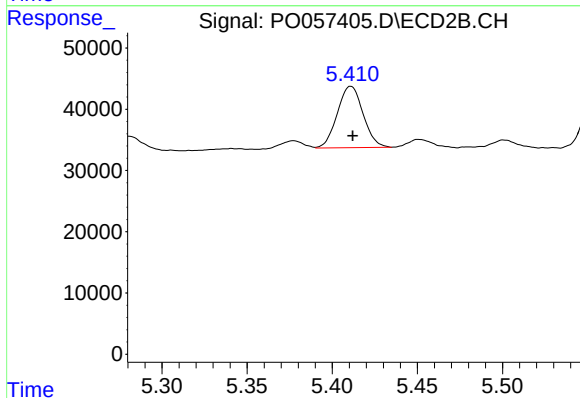
R.T.: 5.411 min
Delta R.T.: -0.043 min
Response: 105385
Conc: 68.14 ng/ml



#26 AR-1254-1

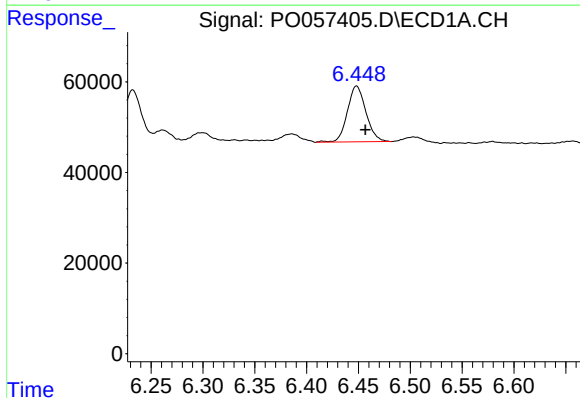
R.T.: 6.232 min
Delta R.T.: -0.008 min
Response: 135590
Conc: 69.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



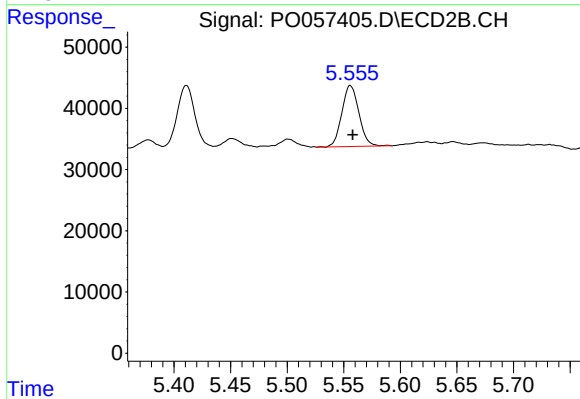
#26 AR-1254-1

R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 105385
Conc: 49.55 ng/ml



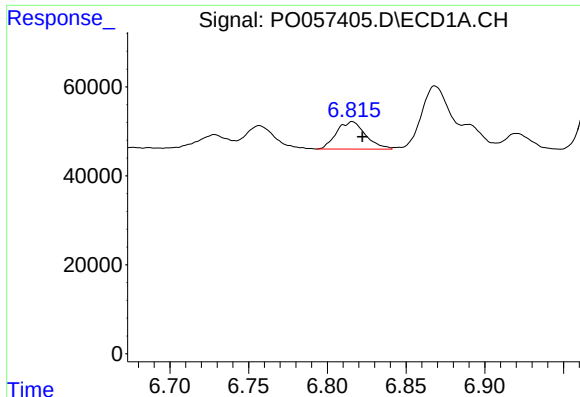
#27 AR-1254-2

R.T.: 6.448 min
Delta R.T.: -0.009 min
Response: 153126
Conc: 49.13 ng/ml



#27 AR-1254-2

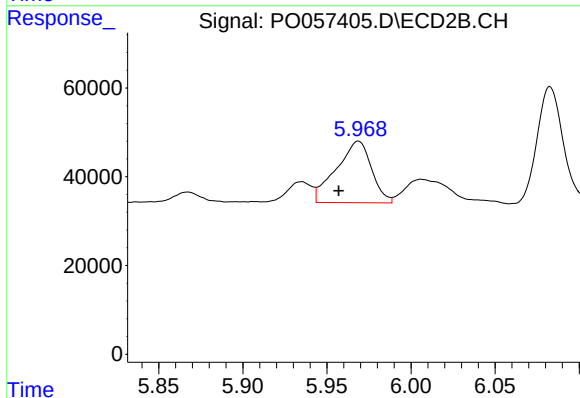
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 104685
Conc: 56.24 ng/ml



#28 AR-1254-3

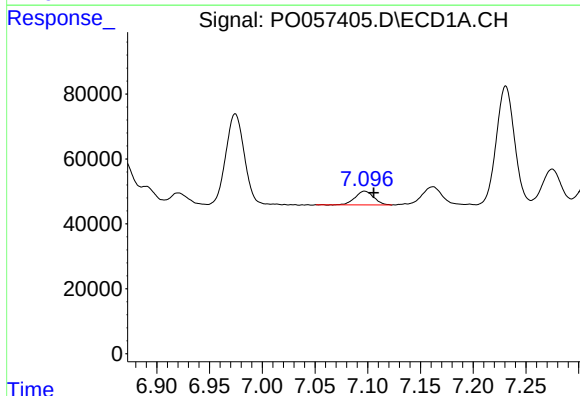
R.T.: 6.816 min
Delta R.T.: -0.006 min
Response: 79072
Conc: 23.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



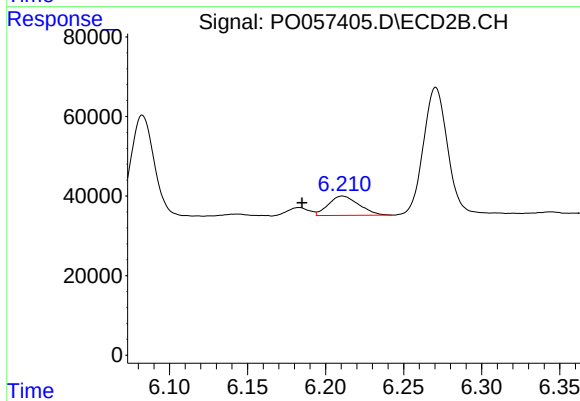
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.012 min
Response: 202252
Conc: 67.17 ng/ml



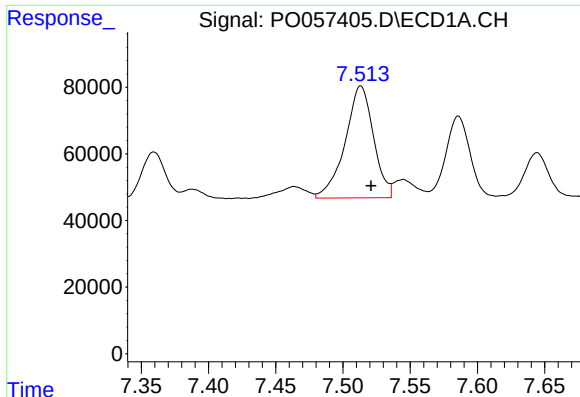
#29 AR-1254-4

R.T.: 7.097 min
Delta R.T.: -0.009 min
Response: 52192
Conc: 19.23 ng/ml



#29 AR-1254-4

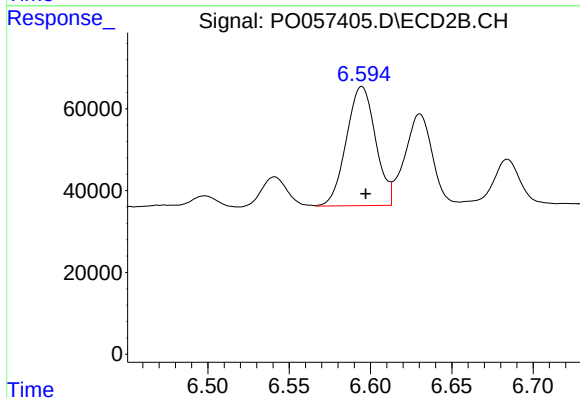
R.T.: 6.211 min
Delta R.T.: 0.026 min
Response: 65985
Conc: 36.66 ng/ml



#30 AR-1254-5

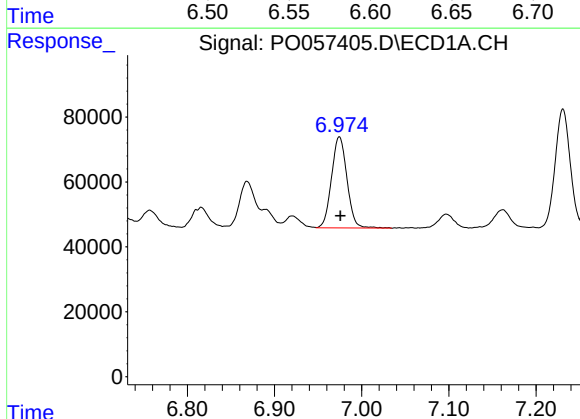
R.T.: 7.513 min
Delta R.T.: -0.008 min
Response: 492311
Conc: 176.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



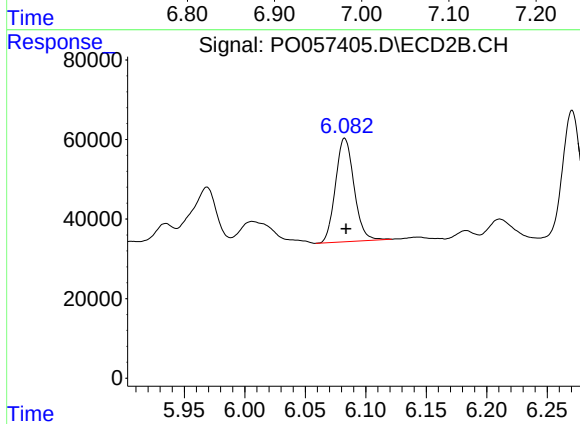
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 364432
Conc: 134.52 ng/ml



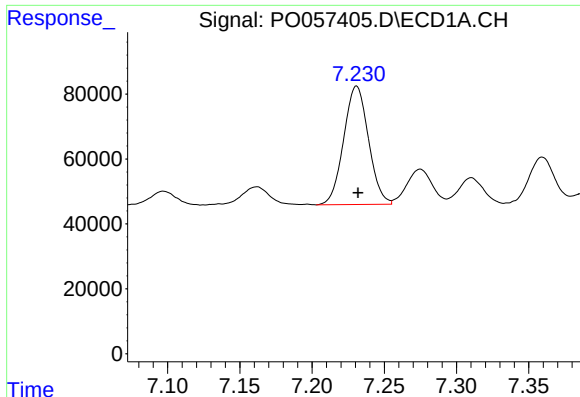
#31 AR-1260-1

R.T.: 6.974 min
Delta R.T.: -0.001 min
Response: 345507
Conc: 124.67 ng/ml



#31 AR-1260-1

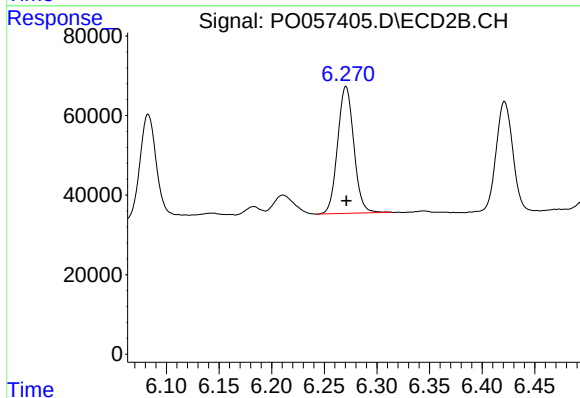
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 277579
Conc: 129.69 ng/ml



#32 AR-1260-2

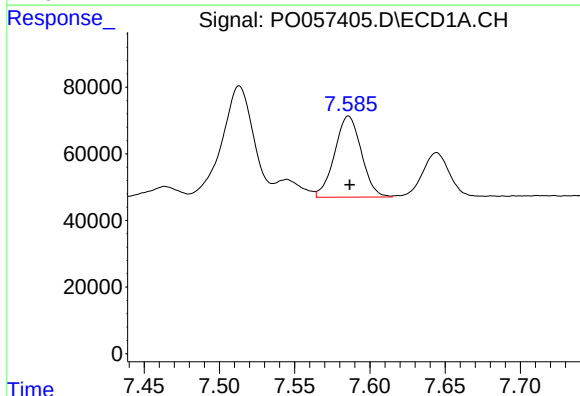
R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 436120
Conc: 118.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



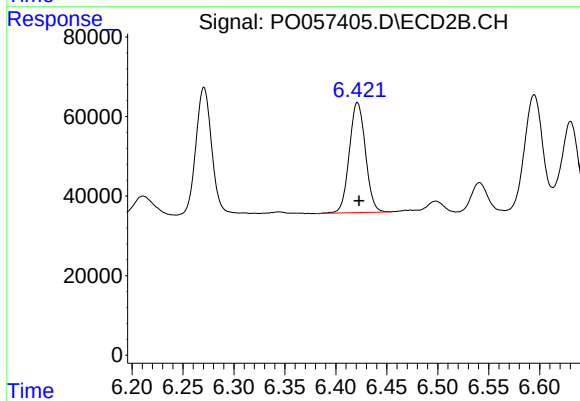
#32 AR-1260-2

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 341316
Conc: 124.40 ng/ml



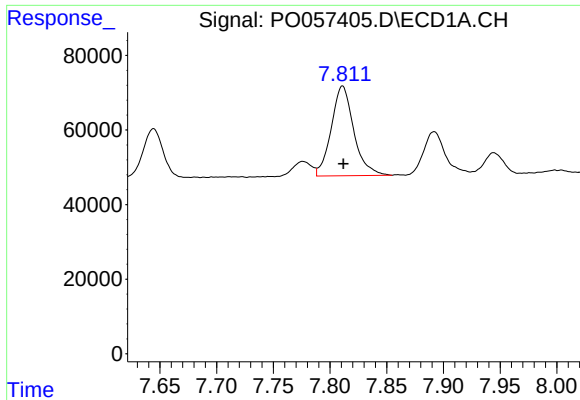
#33 AR-1260-3

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 301231
Conc: 99.15 ng/ml



#33 AR-1260-3

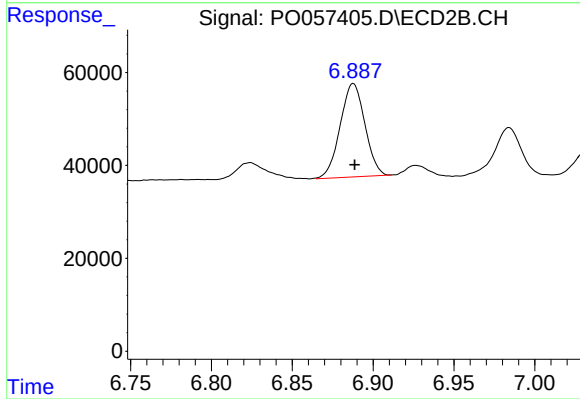
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 304349
Conc: 124.66 ng/ml



#34 AR-1260-4

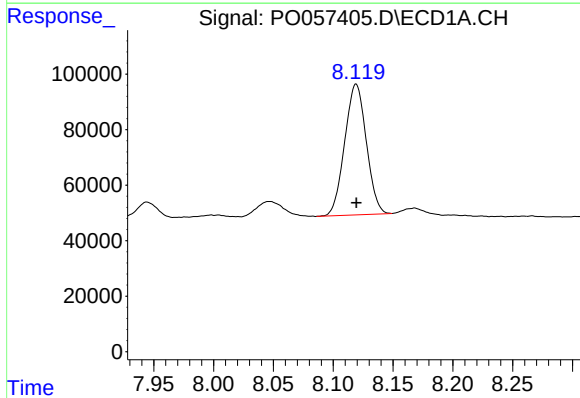
R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 333748
Conc: 110.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



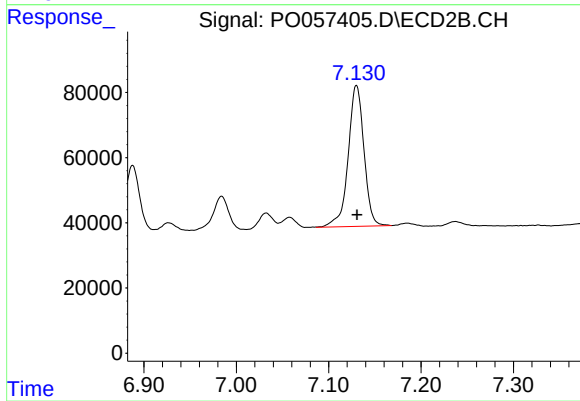
#34 AR-1260-4

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 214155
Conc: 102.86 ng/ml



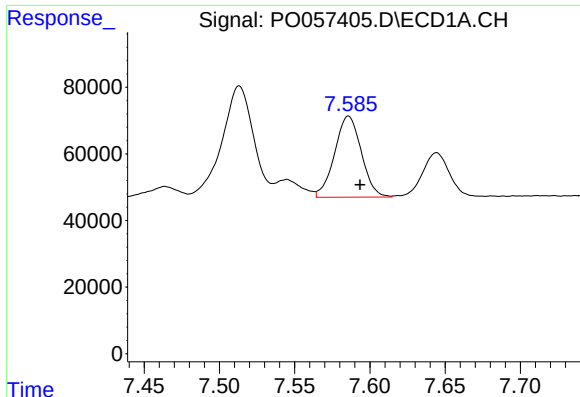
#35 AR-1260-5

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 593454
Conc: 94.90 ng/ml



#35 AR-1260-5

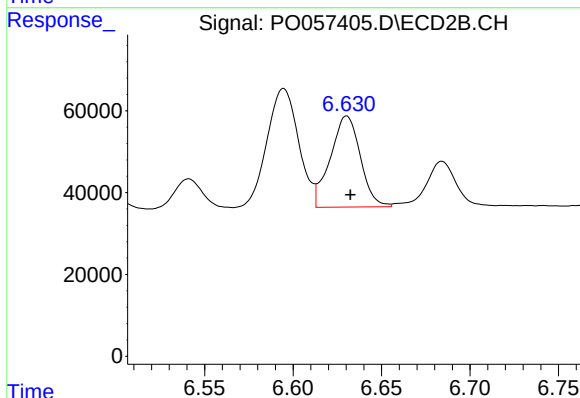
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 513557
Conc: 101.25 ng/ml



#36 AR-1262-1

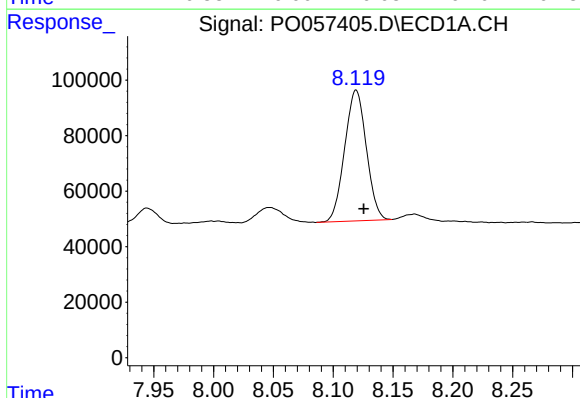
R.T.: 7.586 min
Delta R.T.: -0.008 min
Response: 301231
Conc: 66.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



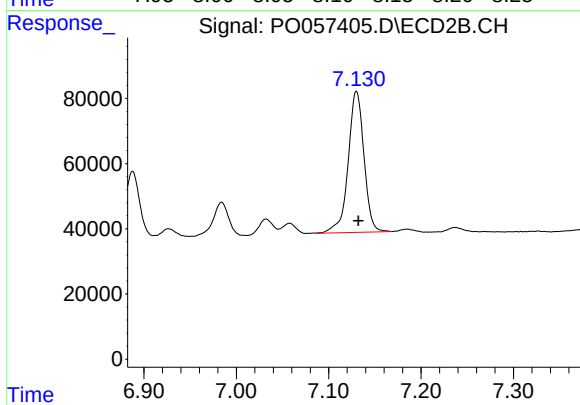
#36 AR-1262-1

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 263835
Conc: 70.48 ng/ml



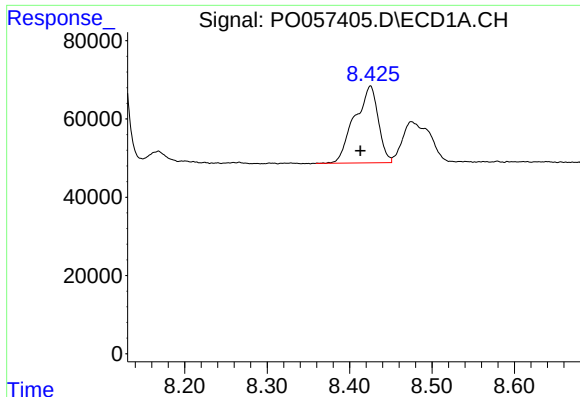
#37 AR-1262-2

R.T.: 8.119 min
Delta R.T.: -0.006 min
Response: 593454
Conc: 82.83 ng/ml



#37 AR-1262-2

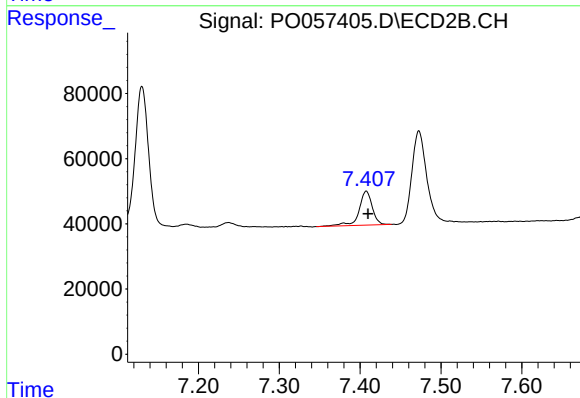
R.T.: 7.130 min
Delta R.T.: -0.002 min
Response: 513557
Conc: 86.43 ng/ml



#38 AR-1262-3

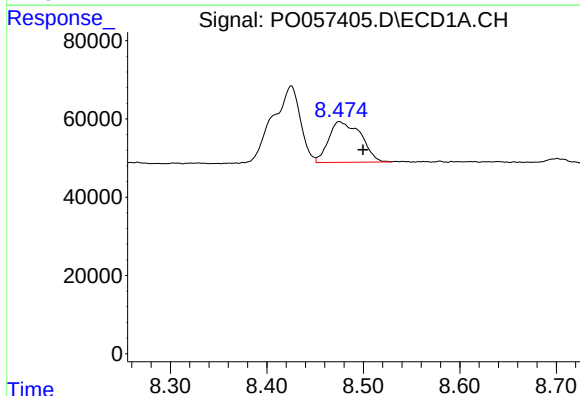
R.T.: 8.425 min
Delta R.T.: 0.012 min
Response: 390429
Conc: 79.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



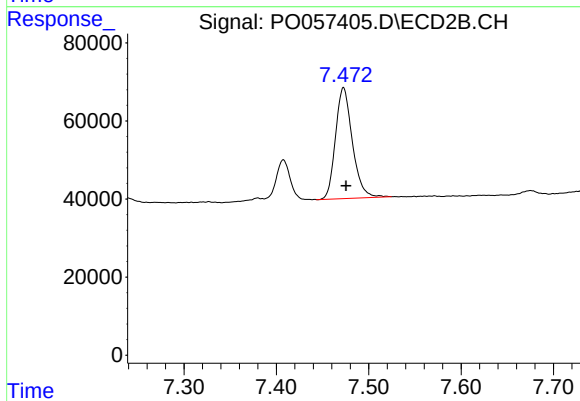
#38 AR-1262-3

R.T.: 7.408 min
Delta R.T.: -0.002 min
Response: 118652
Conc: 46.39 ng/ml



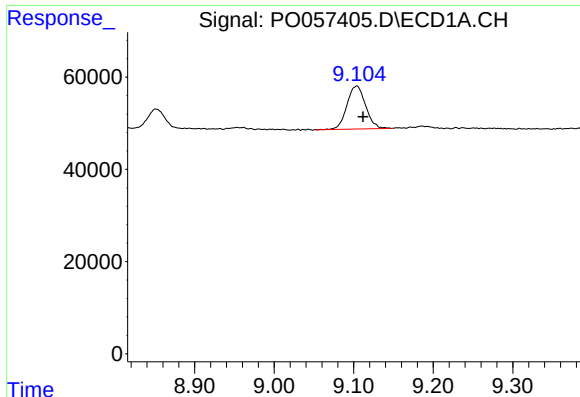
#39 AR-1262-4

R.T.: 8.475 min
Delta R.T.: -0.025 min
Response: 241146
Conc: 59.27 ng/ml



#39 AR-1262-4

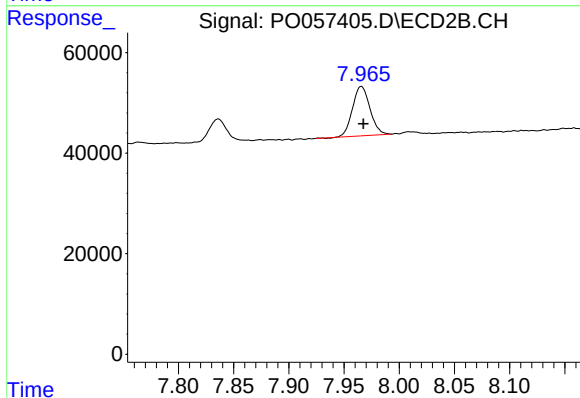
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 360216
Conc: 81.73 ng/ml



#40 AR-1262-5

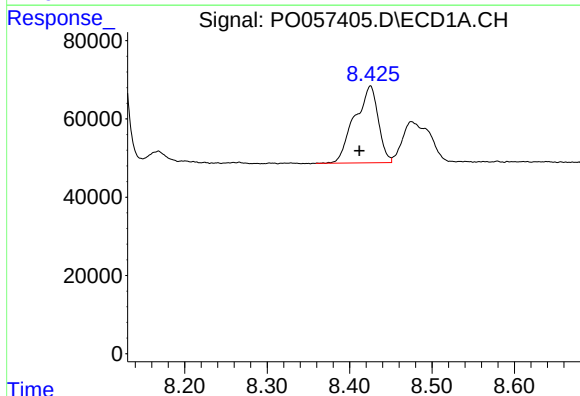
R.T.: 9.104 min
Delta R.T.: -0.008 min
Response: 152146
Conc: 60.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



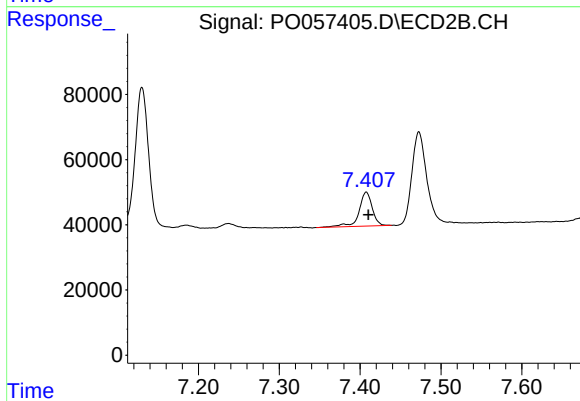
#40 AR-1262-5

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 108023
Conc: 59.15 ng/ml



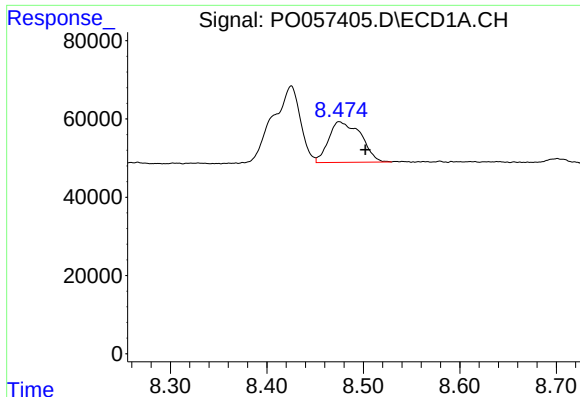
#41 AR-1268-1

R.T.: 8.425 min
Delta R.T.: 0.013 min
Response: 390429
Conc: 46.30 ng/ml



#41 AR-1268-1

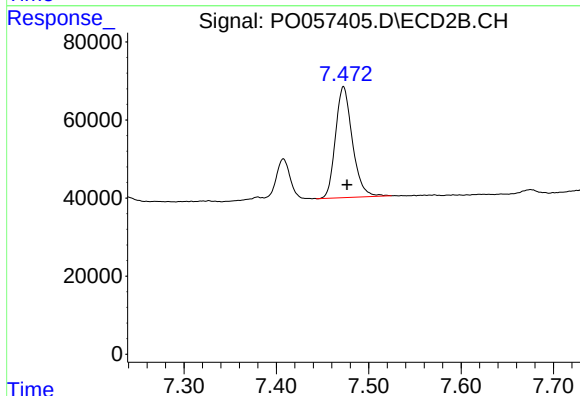
R.T.: 7.408 min
Delta R.T.: -0.003 min
Response: 118652
Conc: 17.33 ng/ml



#42 AR-1268-2

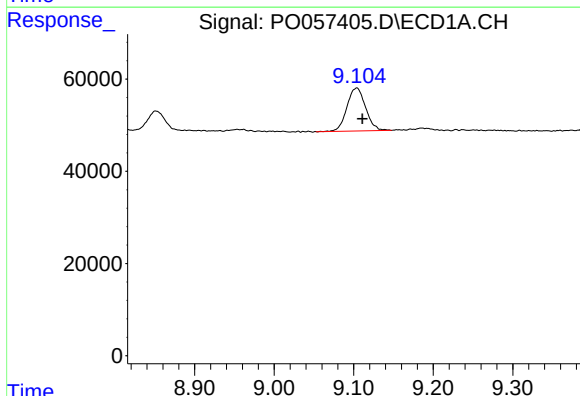
R.T.: 8.475 min
Delta R.T.: -0.027 min
Response: 241146
Conc: 30.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2MS



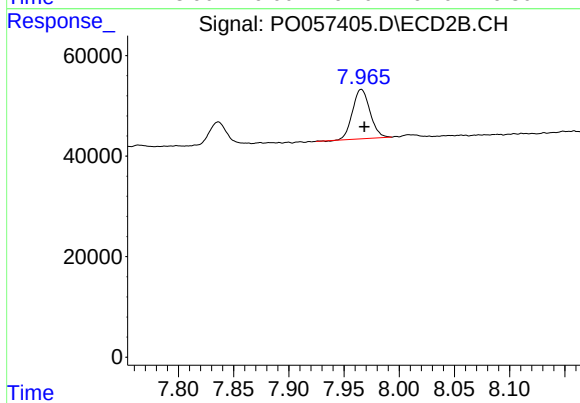
#42 AR-1268-2

R.T.: 7.473 min
Delta R.T.: -0.004 min
Response: 360216
Conc: 56.75 ng/ml



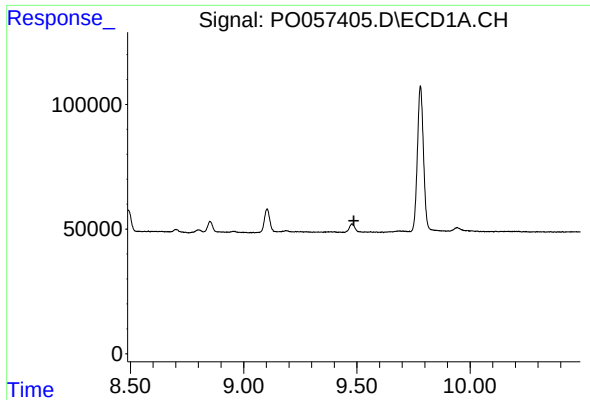
#44 AR-1268-4

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 152146
Conc: 59.05 ng/ml



#44 AR-1268-4

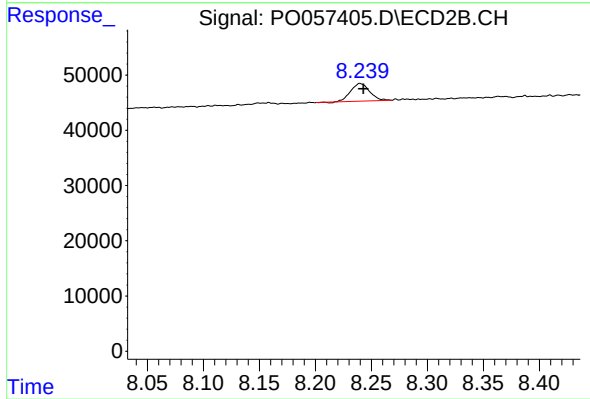
R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 108023
Conc: 53.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-2MS



#45 AR-1268-5

R.T.: 8.240 min
Delta R.T.: -0.003 min
Response: 37225
Conc: 2.42 ng/ml