

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : PO064513.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2019 20:31
 Operator : SM/AJ
 Sample : K6142-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1E

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:29:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.318	3.565	655508	557973	22.134	23.459
2)	SA Decachlor...	9.941	8.522	529784	574613	12.927	14.066
Target Compounds							
3)	L1 AR-1016-1	5.453	0.000	13924	0	10.726	N.D. #
4)	L1 AR-1016-2	5.502	0.000	16359	0	8.973	N.D. #
5)	L1 AR-1016-3	5.596	4.877	9910	60393	8.634	78.409 #
6)	L1 AR-1016-4	5.636	4.877	6097	60393	6.483	92.837 #
7)	L1 AR-1016-5	5.953	5.046	25274	5886	25.972	7.070 #
9)	L2 AR-1221-2	4.622	0.000	19174	0	69.350	N.D. #
10)	L2 AR-1221-3	4.622	3.994	19174	28571	22.835	44.184 #
11)	L3 AR-1232-1	4.622	3.994	19174	28571	14.956	28.213 #
12)	L3 AR-1232-2	5.195	0.000	5325	0	7.580	N.D. #
13)	L3 AR-1232-3	5.502	4.877	16359	60393	11.813	103.882 #
14)	L3 AR-1232-4	5.636	4.914	6097	25263	8.569	47.587 #
15)	L3 AR-1232-5	5.750	5.046	33326	5886	59.171	10.053 #
16)	L4 AR-1242-1	5.453	0.000	13924	0	14.623	N.D. #
17)	L4 AR-1242-2	5.502	0.000	16359	0	12.113	N.D. #
18)	L4 AR-1242-3	5.596	4.877	9910	60393	11.548	107.763 #
19)	L4 AR-1242-4	5.636	4.914	6097	25263	8.719	44.542 #
20)	L4 AR-1242-5	6.396	5.435	55533	180555	65.733	230.065 #
21)	L5 AR-1248-1	5.453	0.000	13924	0	24.825	N.D. #
22)	L5 AR-1248-2	5.750	4.877	33326	60393	40.215	96.045 #
23)	L5 AR-1248-3	5.953	4.914	25274	25263	27.475	39.154 #
24)	L5 AR-1248-4	6.358	5.046	119930	5886	108.202	7.467 #
25)	L5 AR-1248-5	6.396	5.435	55533	180555	51.756	149.026 #
26)	L6 AR-1254-1	6.326	5.435	261652	180555	160.314	91.868 #
27)	L6 AR-1254-2	6.543	5.581	592430	461036	227.259	257.432
28)	L6 AR-1254-3	6.910	5.984	626624	1165686	217.106	376.657 #
29)	L6 AR-1254-4	7.193	6.209	703231	611657	307.068	296.453
30)	L6 AR-1254-5	7.611	6.625	2530413	2267852	990.278	751.891
31)	L7 AR-1260-1	7.072	6.111	838920	927560	444.538	528.459
32)	L7 AR-1260-2	7.328	6.298	1721817	1614413	736.228	725.652
33)	L7 AR-1260-3	7.684	6.452	1465877	1116727	791.809	549.240 #
34)	L7 AR-1260-4	7.909	6.920	1676552	1342240	764.995	723.673
35)	L7 AR-1260-5	8.220	7.161	2471326	3383587	559.761	698.884
36)	L8 AR-1262-1	7.684	6.715	1465877	698197	490.976	555.656
37)	L8 AR-1262-2	8.220	7.161	2471326	3383587	448.213	567.211 #
38)	L8 AR-1262-3	8.520	7.443	2025807	1303105	523.566	558.973
39)	L8 AR-1262-4	8.605	7.507	690419	2491674	236.180	559.538 #
40)	L8 AR-1262-5	9.233	7.999	1003314	1102949	478.021	522.221
41)	L9 AR-1268-1	8.520	7.443	2025807	1303105	310.712	186.642 #
42)	L9 AR-1268-2	8.605	7.507	690419	2491674	114.279	389.170 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : P0064513.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2019 20:31
 Operator : SM/AJ
 Sample : K6142-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

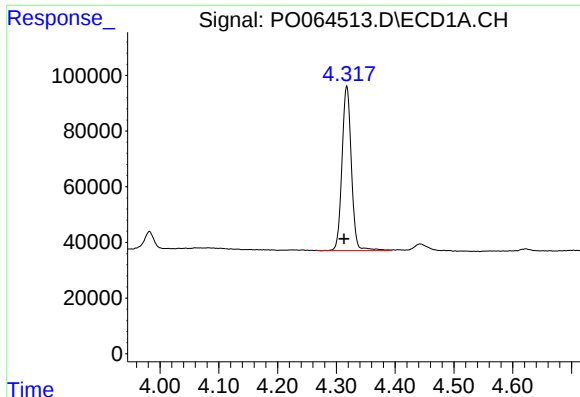
Instrument :
 ECD_O
 ClientSampleId :
 1E

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:29:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
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 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.823	7.712	73082	71688	14.719	13.688
44) L9	AR-1268-4	9.233	7.999	1003314	1102949	428.825	472.114
45) L9	AR-1268-5	9.624	8.278	329051	343527	21.420	20.799

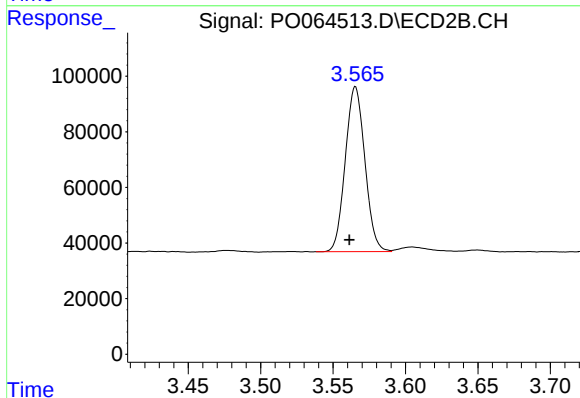
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

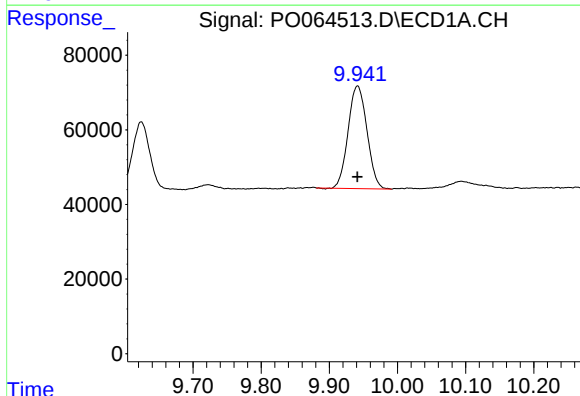
R.T.: 4.318 min
Delta R.T.: 0.005 min
Response: 655508
Conc: 22.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



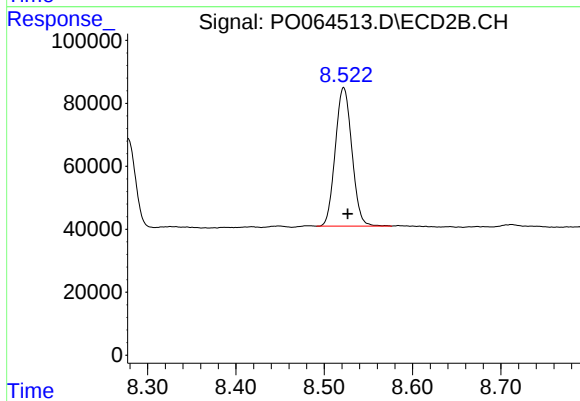
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.004 min
Response: 557973
Conc: 23.46 ng/ml



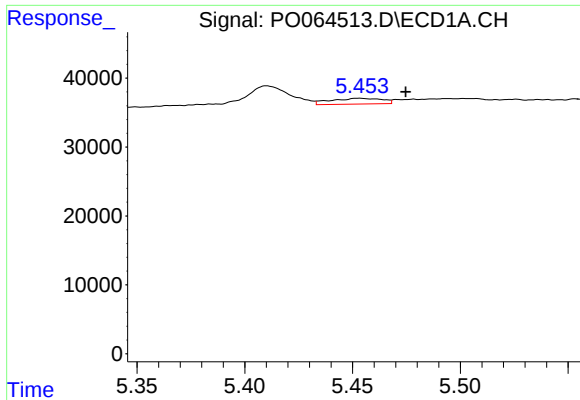
#2 Decachlorobiphenyl

R.T.: 9.941 min
Delta R.T.: 0.000 min
Response: 529784
Conc: 12.93 ng/ml



#2 Decachlorobiphenyl

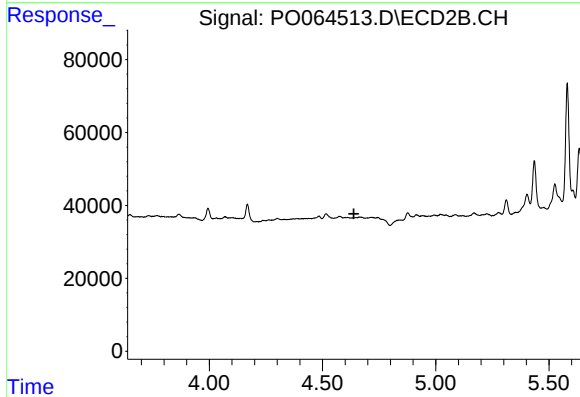
R.T.: 8.522 min
Delta R.T.: -0.005 min
Response: 574613
Conc: 14.07 ng/ml



#3 AR-1016-1

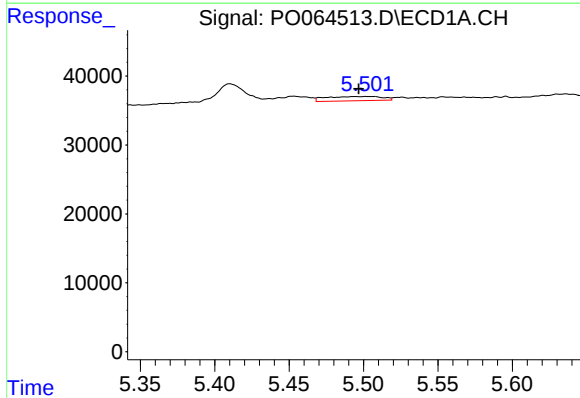
R.T.: 5.453 min
Delta R.T.: -0.022 min
Response: 13924
Conc: 10.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



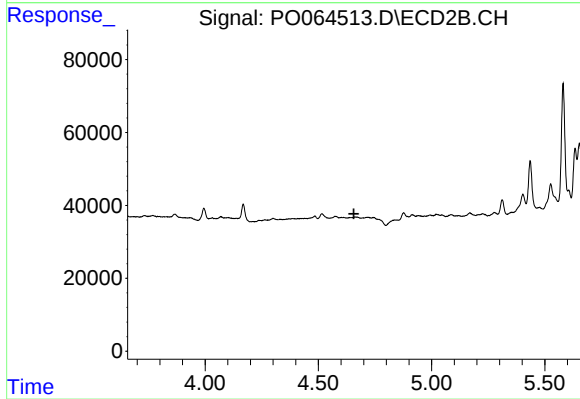
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



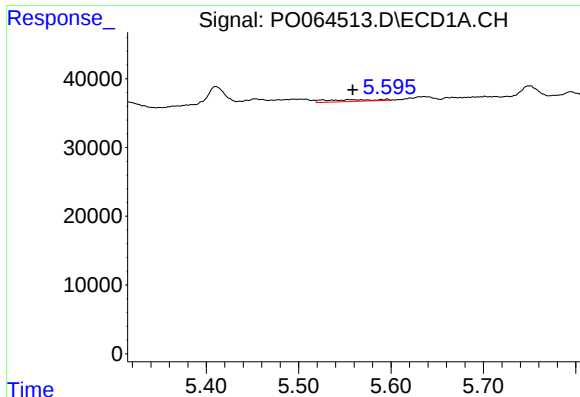
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: 0.005 min
Response: 16359
Conc: 8.97 ng/ml



#4 AR-1016-2

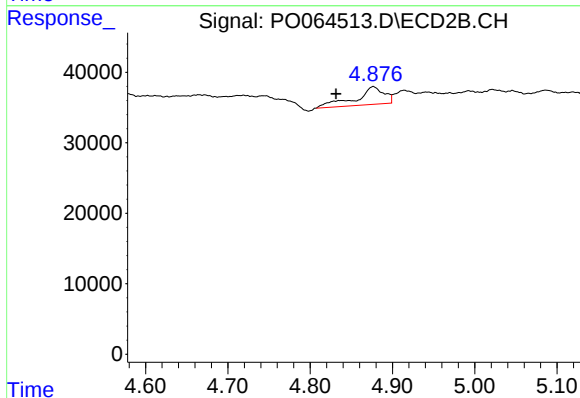
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

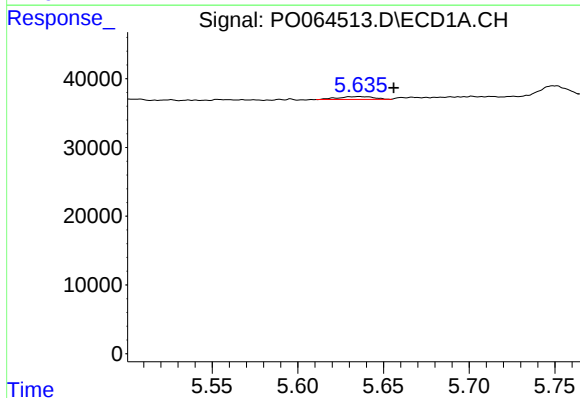
R.T.: 5.596 min
Delta R.T.: 0.037 min
Response: 9910
Conc: 8.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



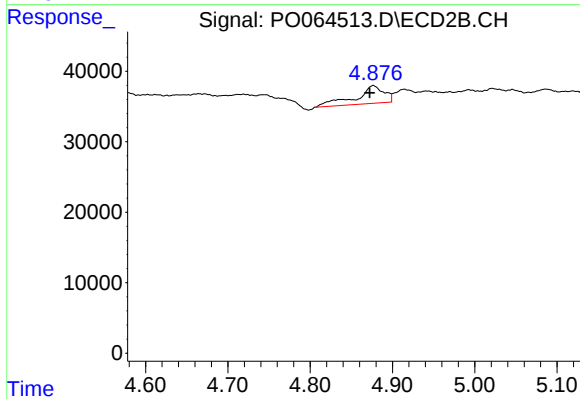
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: 0.045 min
Response: 60393
Conc: 78.41 ng/ml



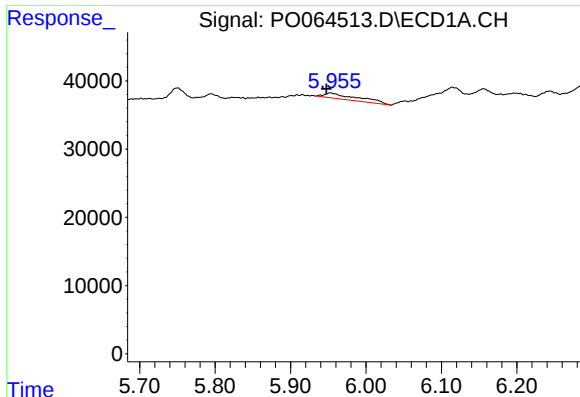
#6 AR-1016-4

R.T.: 5.636 min
Delta R.T.: -0.020 min
Response: 6097
Conc: 6.48 ng/ml



#6 AR-1016-4

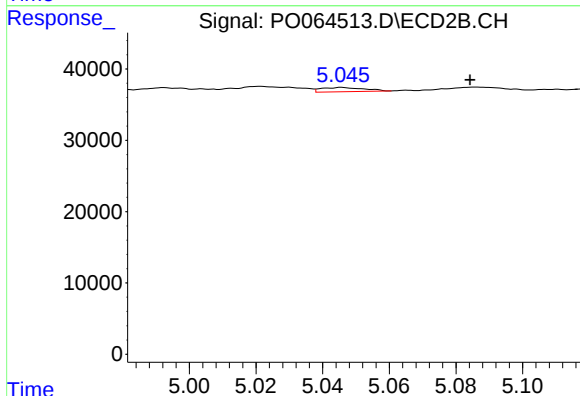
R.T.: 4.877 min
Delta R.T.: 0.004 min
Response: 60393
Conc: 92.84 ng/ml



#7 AR-1016-5

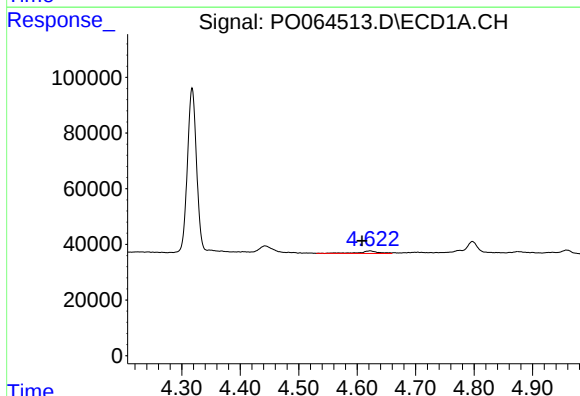
R.T.: 5.953 min
Delta R.T.: 0.005 min
Response: 25274
Conc: 25.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



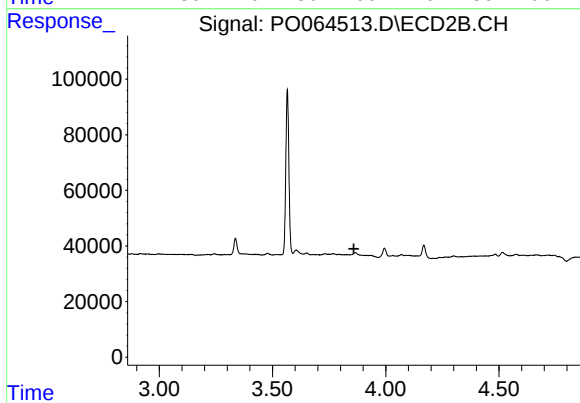
#7 AR-1016-5

R.T.: 5.046 min
Delta R.T.: -0.038 min
Response: 5886
Conc: 7.07 ng/ml



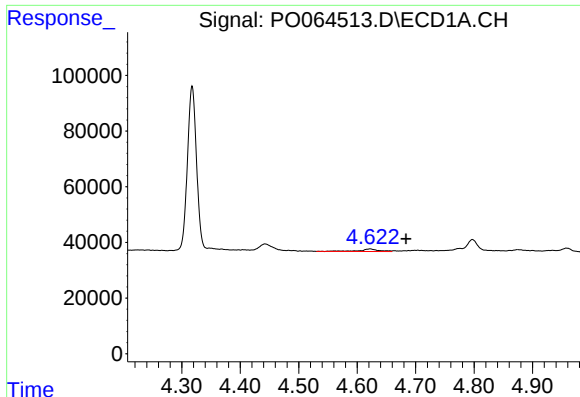
#9 AR-1221-2

R.T.: 4.622 min
Delta R.T.: 0.014 min
Response: 19174
Conc: 69.35 ng/ml



#9 AR-1221-2

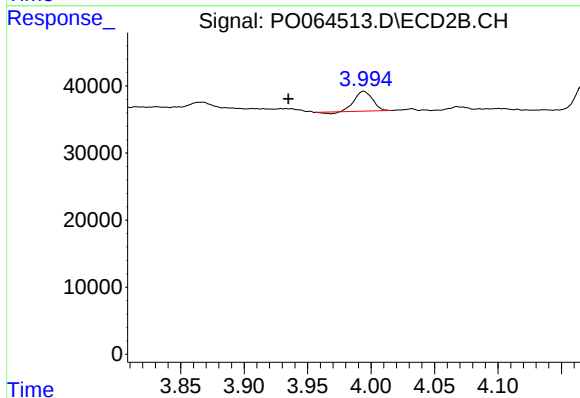
R.T.: 0.000 min
Exp R.T.: 3.859 min
Response: 0
Conc: N.D.



#10 AR-1221-3

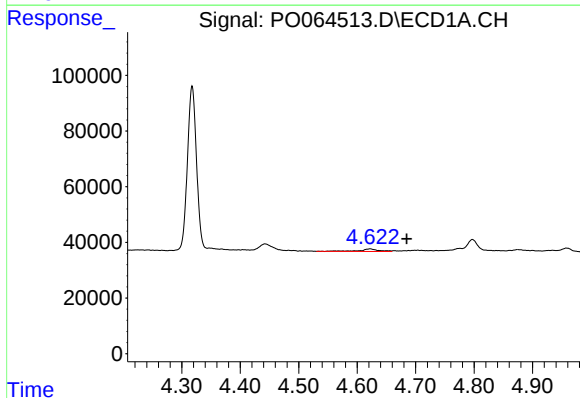
R.T.: 4.622 min
Delta R.T.: -0.061 min
Response: 19174
Conc: 22.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



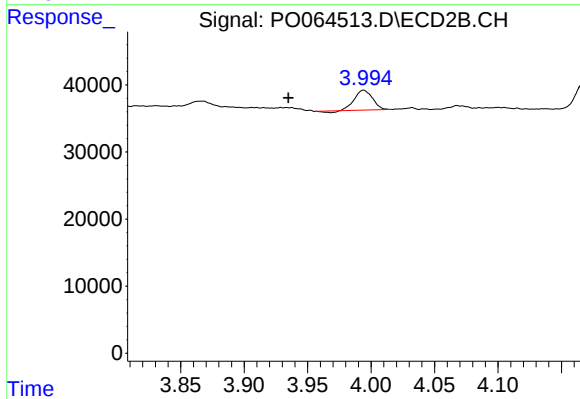
#10 AR-1221-3

R.T.: 3.994 min
Delta R.T.: 0.059 min
Response: 28571
Conc: 44.18 ng/ml



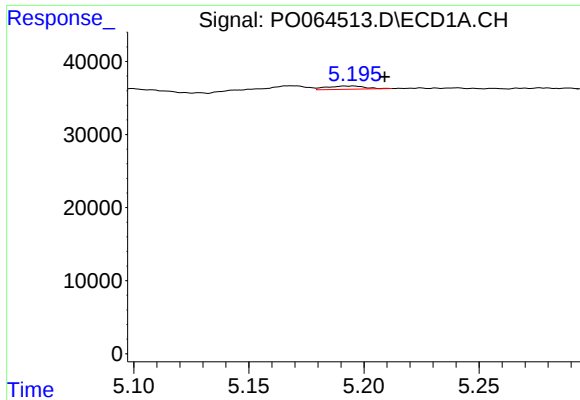
#11 AR-1232-1

R.T.: 4.622 min
Delta R.T.: -0.062 min
Response: 19174
Conc: 14.96 ng/ml



#11 AR-1232-1

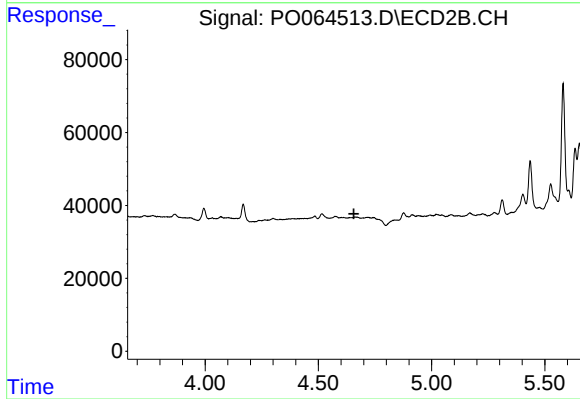
R.T.: 3.994 min
Delta R.T.: 0.059 min
Response: 28571
Conc: 28.21 ng/ml



#12 AR-1232-2

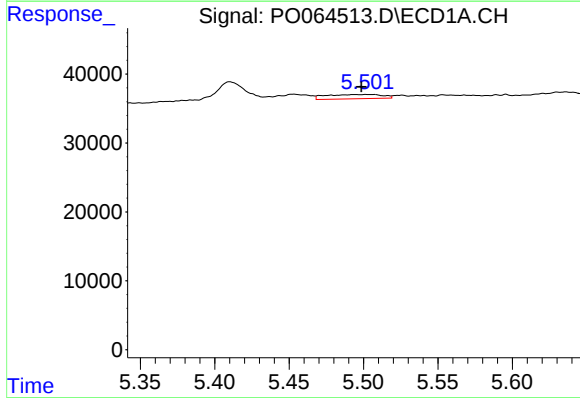
R.T.: 5.195 min
Delta R.T.: -0.014 min
Response: 5325
Conc: 7.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



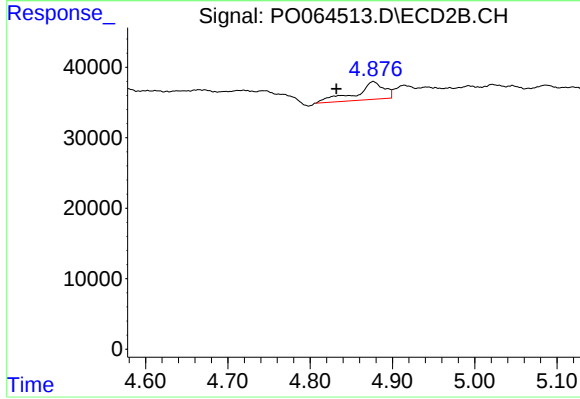
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



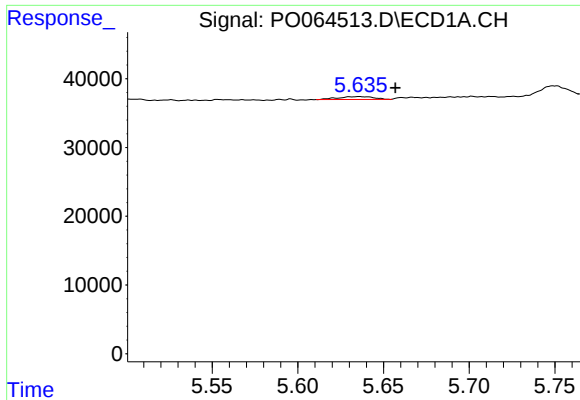
#13 AR-1232-3

R.T.: 5.502 min
Delta R.T.: 0.003 min
Response: 16359
Conc: 11.81 ng/ml



#13 AR-1232-3

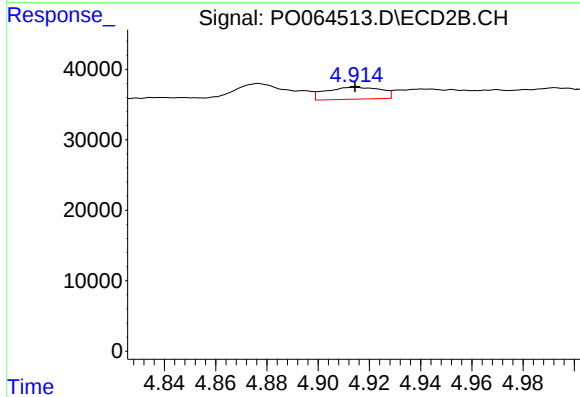
R.T.: 4.877 min
Delta R.T.: 0.045 min
Response: 60393
Conc: 103.88 ng/ml



#14 AR-1232-4

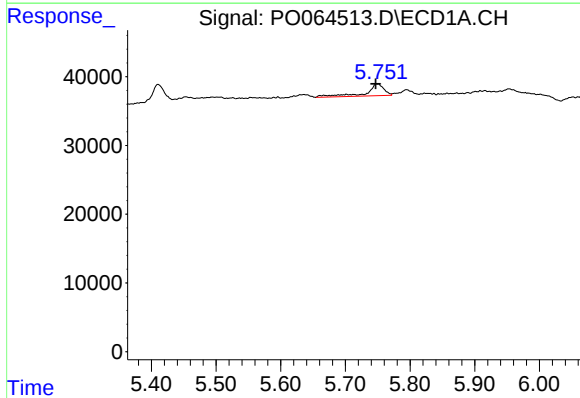
R.T.: 5.636 min
Delta R.T.: -0.021 min
Response: 6097
Conc: 8.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



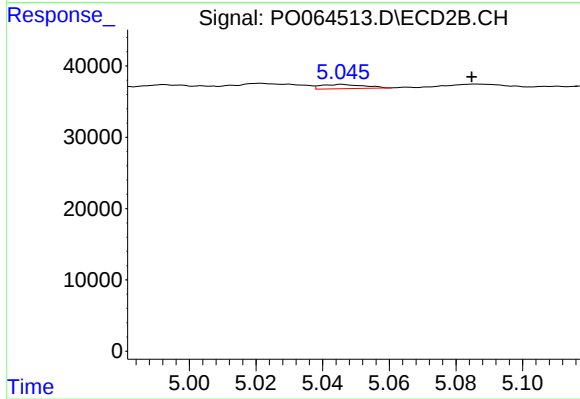
#14 AR-1232-4

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 25263
Conc: 47.59 ng/ml



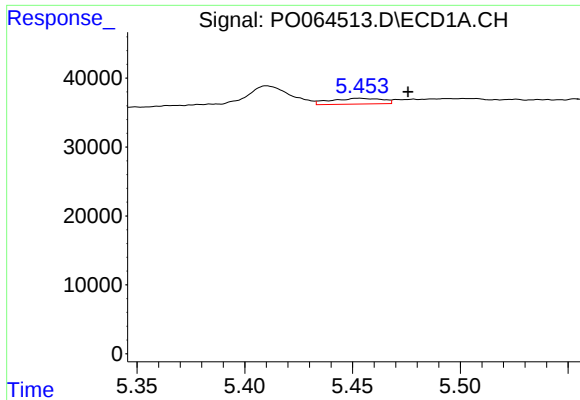
#15 AR-1232-5

R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 33326
Conc: 59.17 ng/ml



#15 AR-1232-5

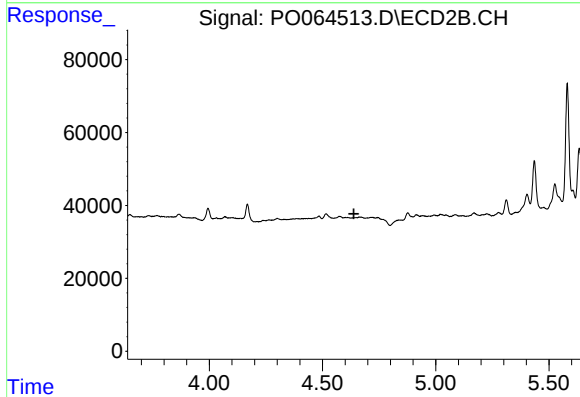
R.T.: 5.046 min
Delta R.T.: -0.039 min
Response: 5886
Conc: 10.05 ng/ml



#16 AR-1242-1

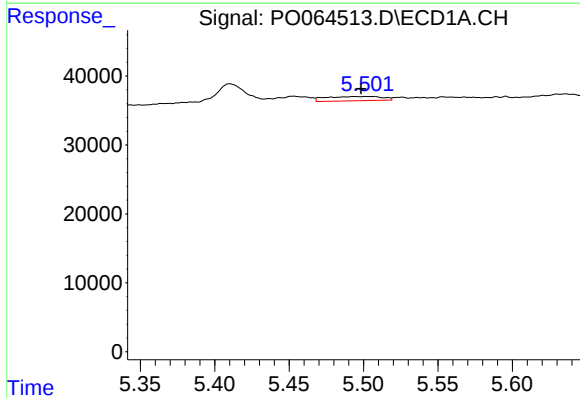
R.T.: 5.453 min
Delta R.T.: -0.023 min
Response: 13924
Conc: 14.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



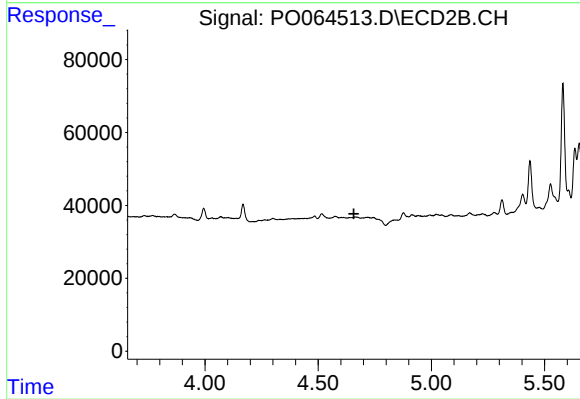
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



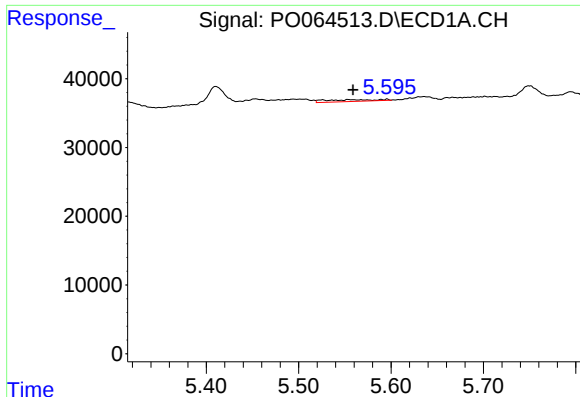
#17 AR-1242-2

R.T.: 5.502 min
Delta R.T.: 0.004 min
Response: 16359
Conc: 12.11 ng/ml



#17 AR-1242-2

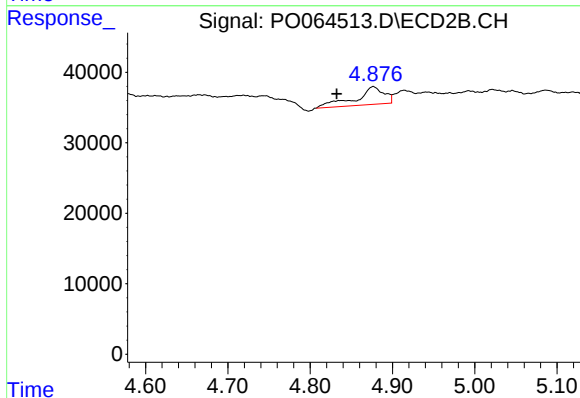
R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



#18 AR-1242-3

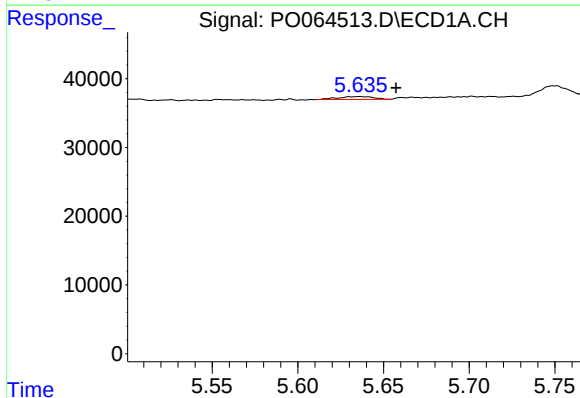
R.T.: 5.596 min
Delta R.T.: 0.037 min
Response: 9910
Conc: 11.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



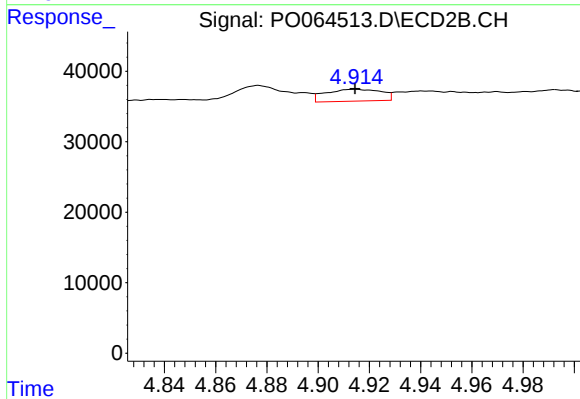
#18 AR-1242-3

R.T.: 4.877 min
Delta R.T.: 0.044 min
Response: 60393
Conc: 107.76 ng/ml



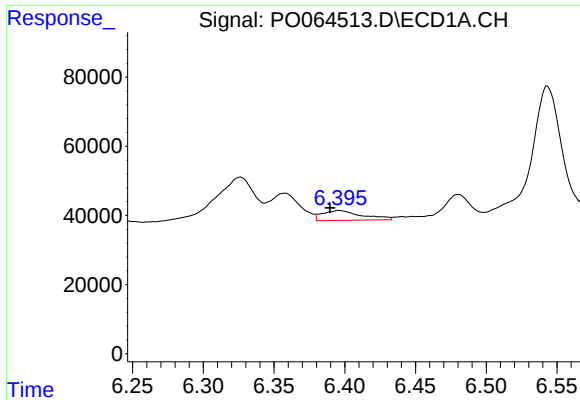
#19 AR-1242-4

R.T.: 5.636 min
Delta R.T.: -0.021 min
Response: 6097
Conc: 8.72 ng/ml



#19 AR-1242-4

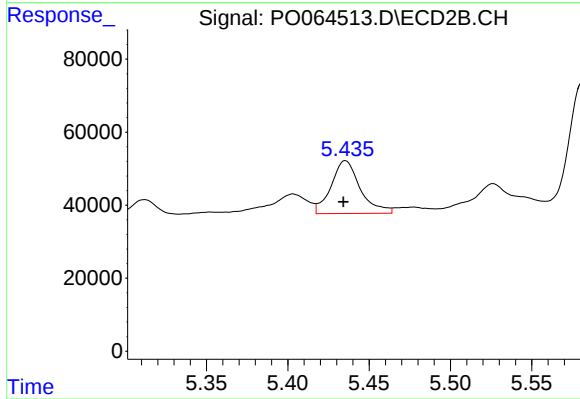
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 25263
Conc: 44.54 ng/ml



#20 AR-1242-5

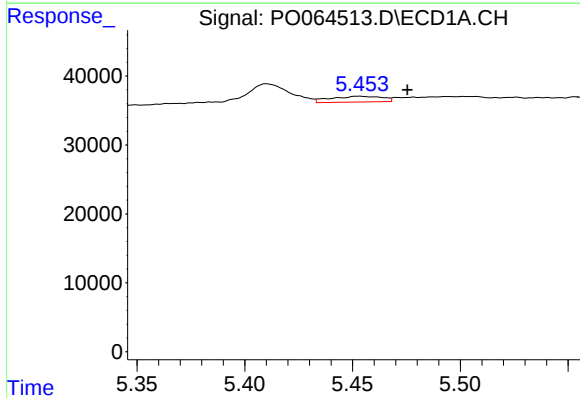
R.T.: 6.396 min
Delta R.T.: 0.006 min
Response: 55533
Conc: 65.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



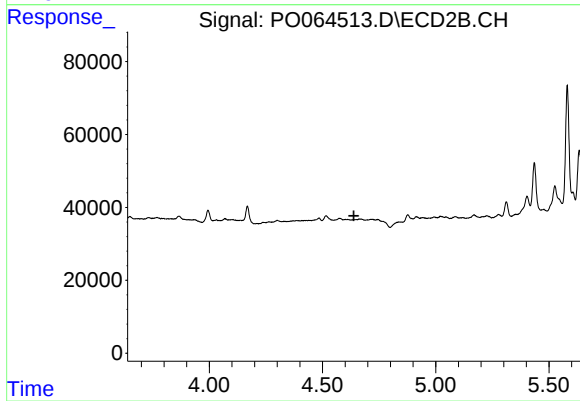
#20 AR-1242-5

R.T.: 5.435 min
Delta R.T.: 0.001 min
Response: 180555
Conc: 230.06 ng/ml



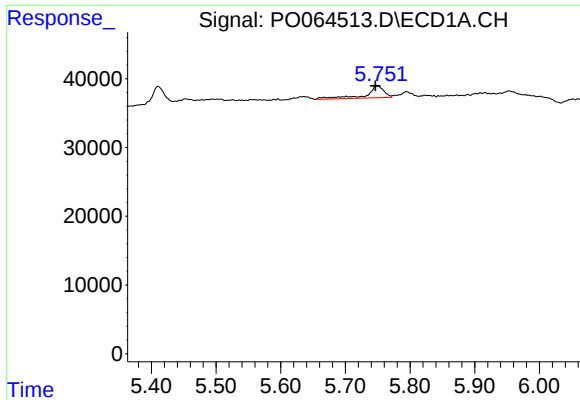
#21 AR-1248-1

R.T.: 5.453 min
Delta R.T.: -0.022 min
Response: 13924
Conc: 24.82 ng/ml



#21 AR-1248-1

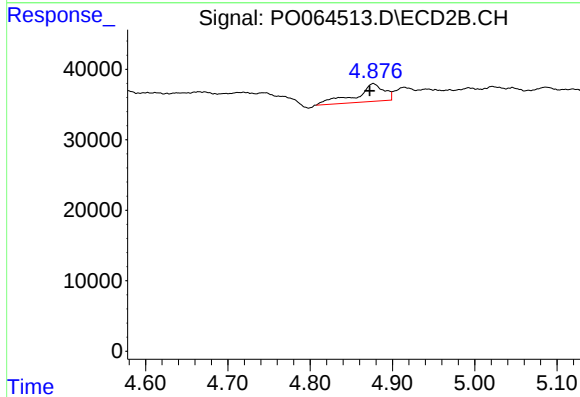
R.T.: 0.000 min
Exp R.T.: 4.638 min
Response: 0
Conc: N.D.



#22 AR-1248-2

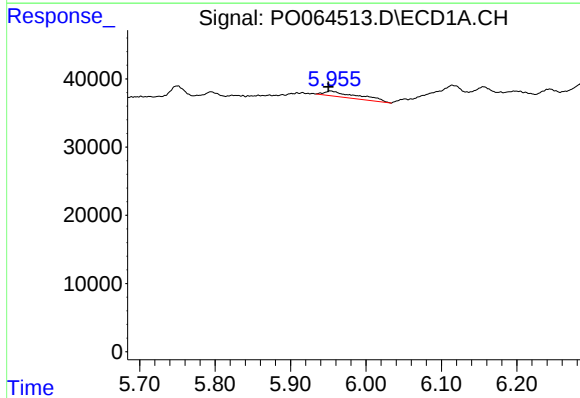
R.T.: 5.750 min
Delta R.T.: 0.004 min
Response: 33326
Conc: 40.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



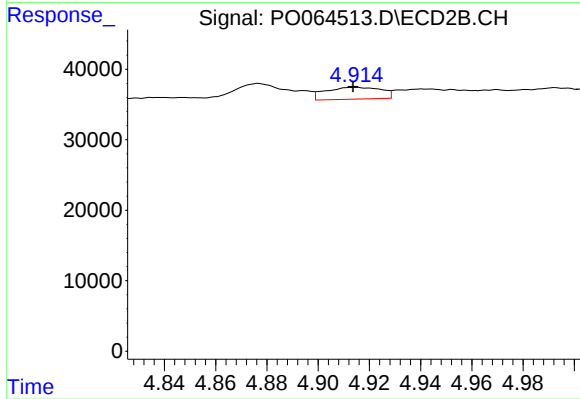
#22 AR-1248-2

R.T.: 4.877 min
Delta R.T.: 0.004 min
Response: 60393
Conc: 96.05 ng/ml



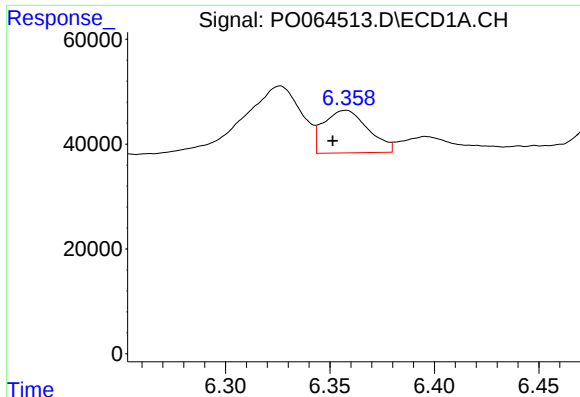
#23 AR-1248-3

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 25274
Conc: 27.48 ng/ml



#23 AR-1248-3

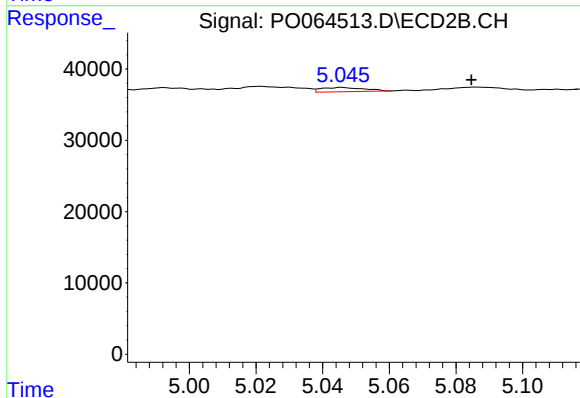
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 25263
Conc: 39.15 ng/ml



#24 AR-1248-4

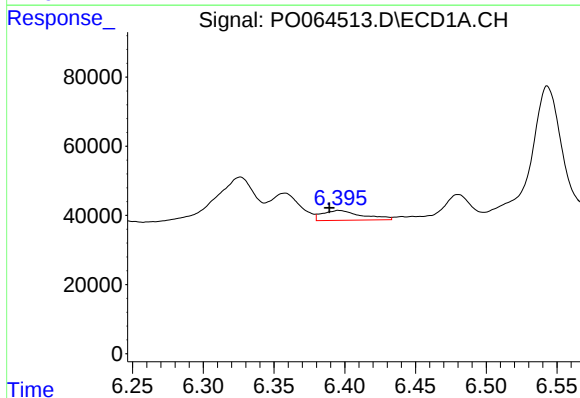
R.T.: 6.358 min
Delta R.T.: 0.006 min
Response: 119930
Conc: 108.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



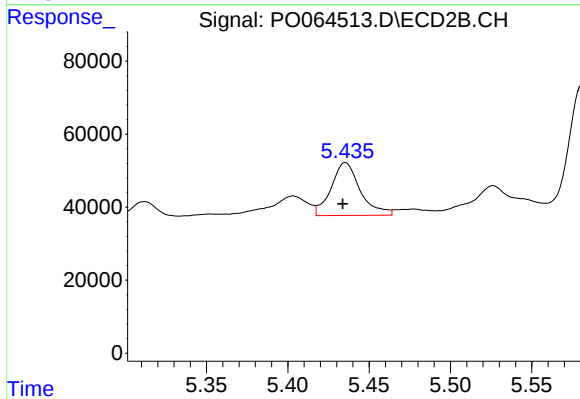
#24 AR-1248-4

R.T.: 5.046 min
Delta R.T.: -0.039 min
Response: 5886
Conc: 7.47 ng/ml



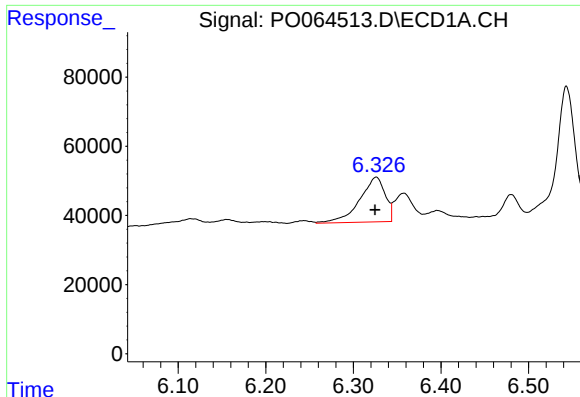
#25 AR-1248-5

R.T.: 6.396 min
Delta R.T.: 0.007 min
Response: 55533
Conc: 51.76 ng/ml



#25 AR-1248-5

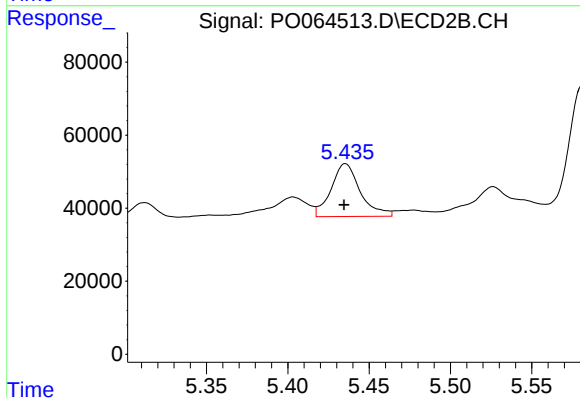
R.T.: 5.435 min
Delta R.T.: 0.002 min
Response: 180555
Conc: 149.03 ng/ml



#26 AR-1254-1

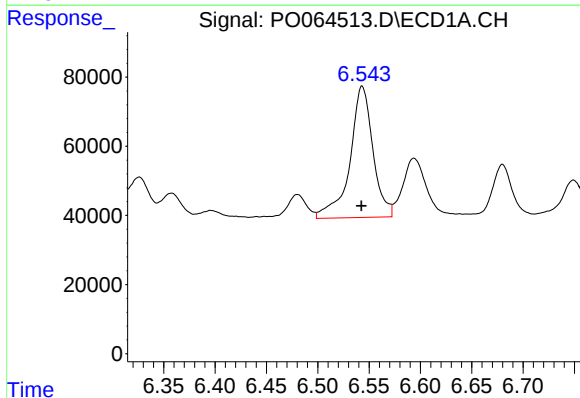
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 261652
Conc: 160.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



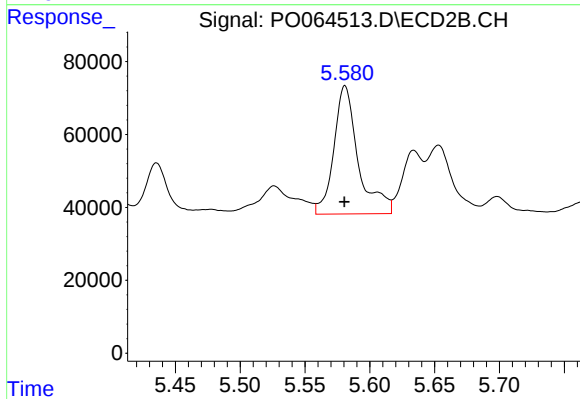
#26 AR-1254-1

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 180555
Conc: 91.87 ng/ml



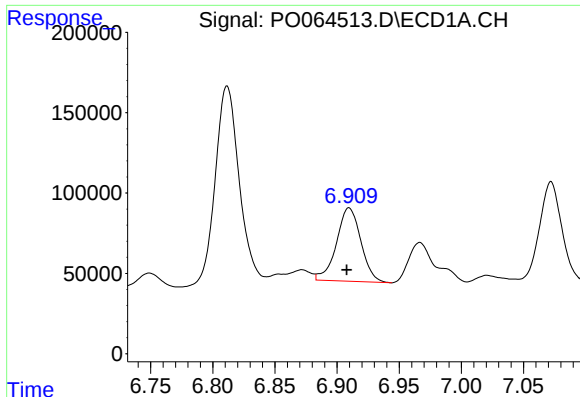
#27 AR-1254-2

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 592430
Conc: 227.26 ng/ml



#27 AR-1254-2

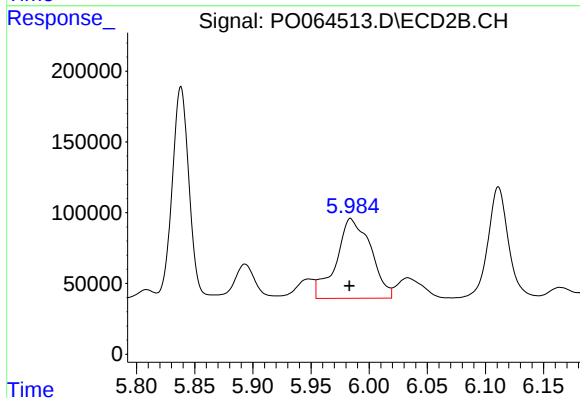
R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 461036
Conc: 257.43 ng/ml



#28 AR-1254-3

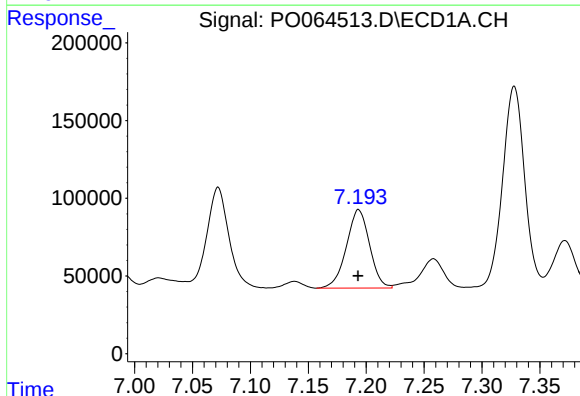
R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 626624
Conc: 217.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



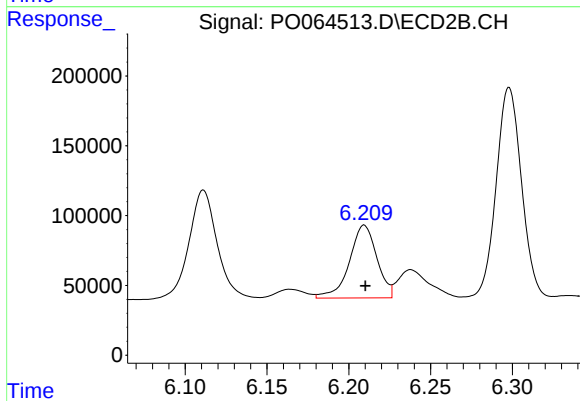
#28 AR-1254-3

R.T.: 5.984 min
Delta R.T.: 0.001 min
Response: 1165686
Conc: 376.66 ng/ml



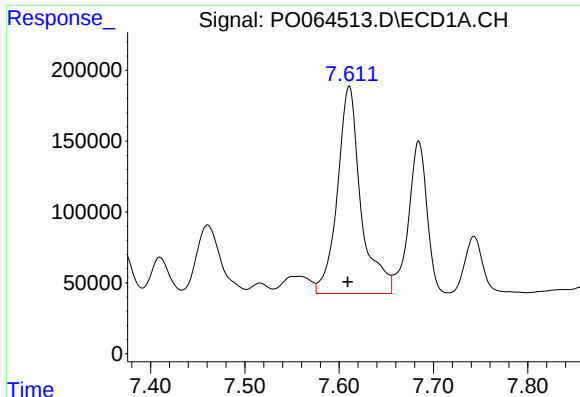
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 703231
Conc: 307.07 ng/ml



#29 AR-1254-4

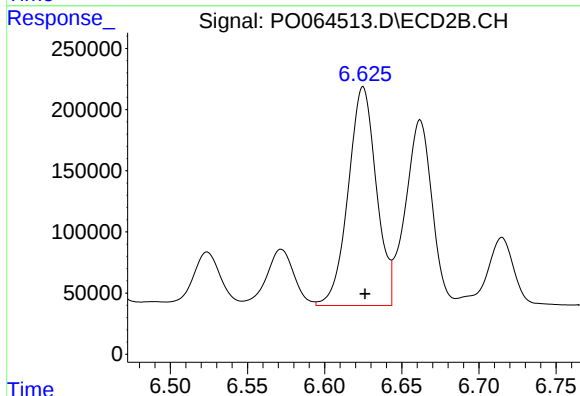
R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 611657
Conc: 296.45 ng/ml



#30 AR-1254-5

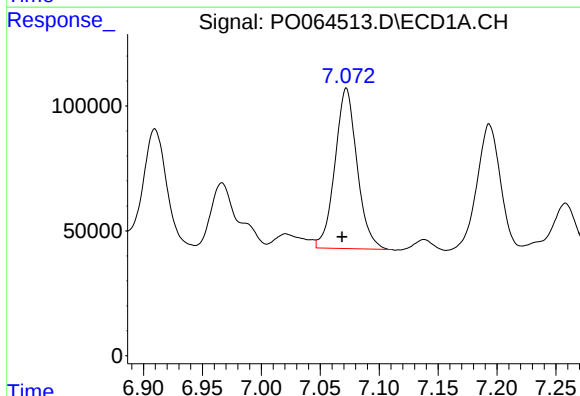
R.T.: 7.611 min
Delta R.T.: 0.002 min
Response: 2530413
Conc: 990.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



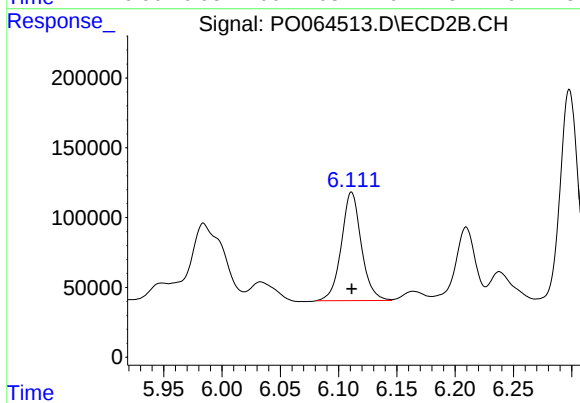
#30 AR-1254-5

R.T.: 6.625 min
Delta R.T.: -0.001 min
Response: 2267852
Conc: 751.89 ng/ml



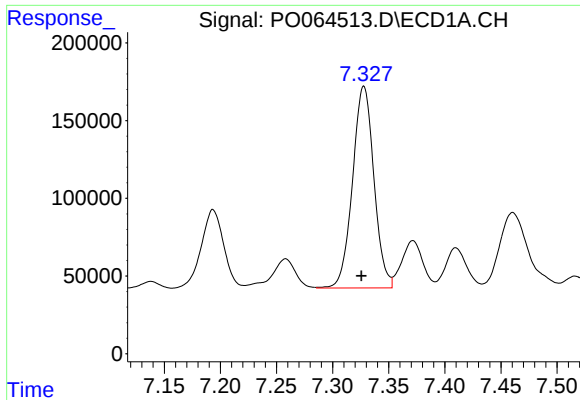
#31 AR-1260-1

R.T.: 7.072 min
Delta R.T.: 0.004 min
Response: 838920
Conc: 444.54 ng/ml



#31 AR-1260-1

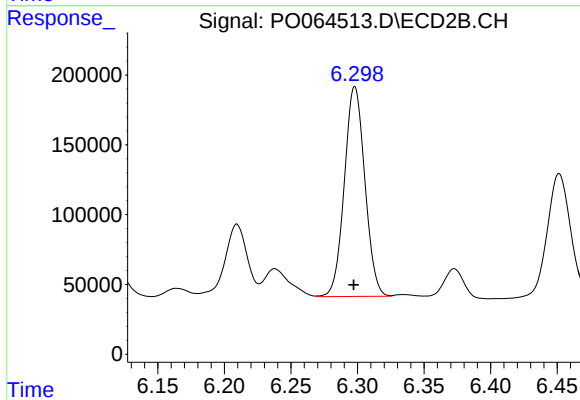
R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 927560
Conc: 528.46 ng/ml



#32 AR-1260-2

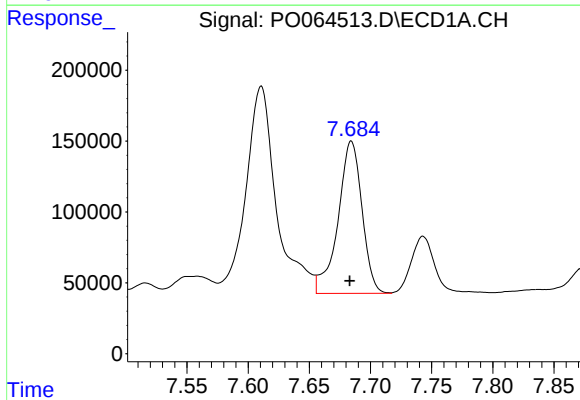
R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 1721817
Conc: 736.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



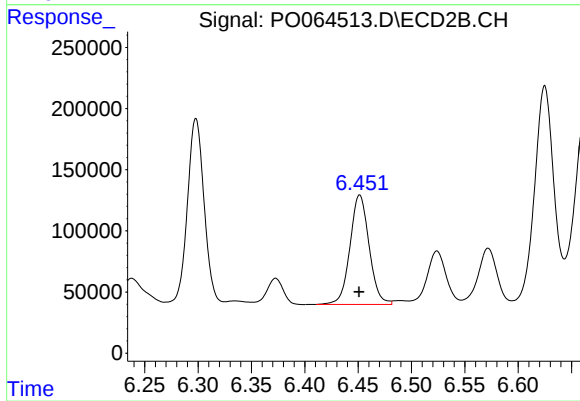
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 1614413
Conc: 725.65 ng/ml



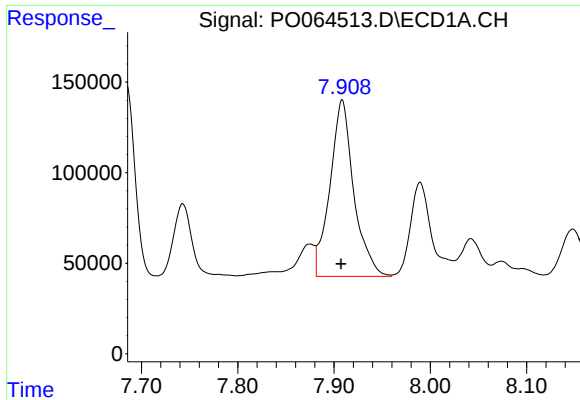
#33 AR-1260-3

R.T.: 7.684 min
Delta R.T.: 0.001 min
Response: 1465877
Conc: 791.81 ng/ml



#33 AR-1260-3

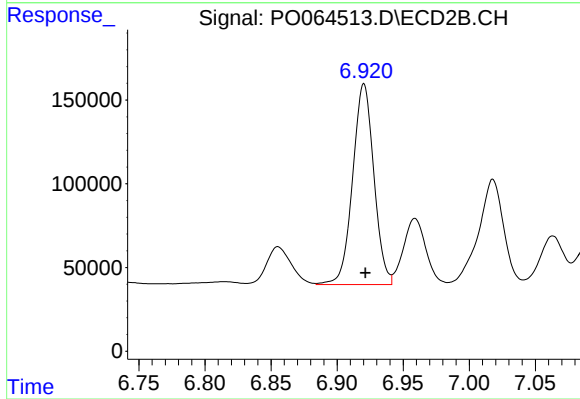
R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1116727
Conc: 549.24 ng/ml



#34 AR-1260-4

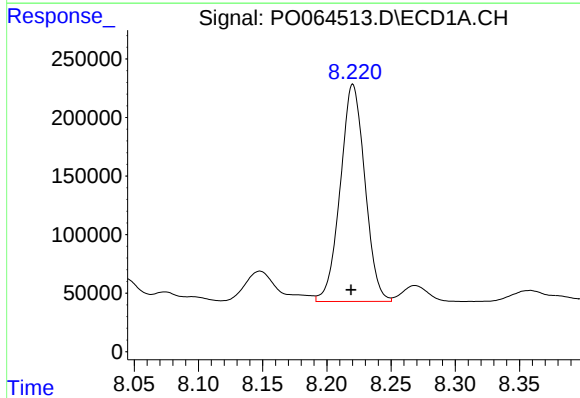
R.T.: 7.909 min
Delta R.T.: 0.001 min
Response: 1676552
Conc: 764.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



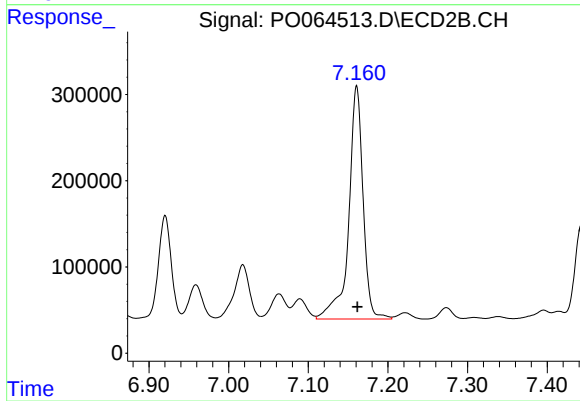
#34 AR-1260-4

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 1342240
Conc: 723.67 ng/ml



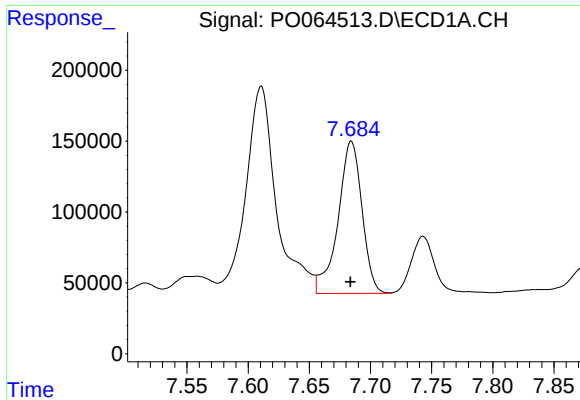
#35 AR-1260-5

R.T.: 8.220 min
Delta R.T.: 0.001 min
Response: 2471326
Conc: 559.76 ng/ml



#35 AR-1260-5

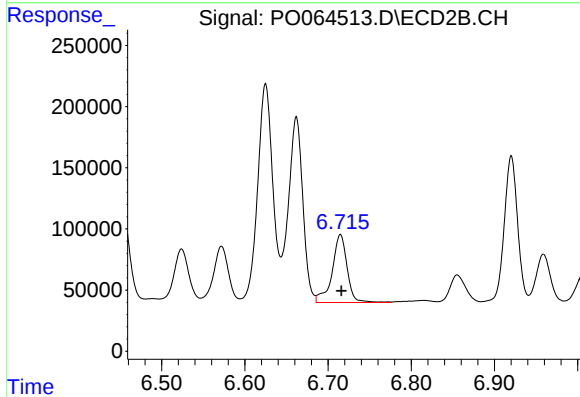
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 3383587
Conc: 698.88 ng/ml



#36 AR-1262-1

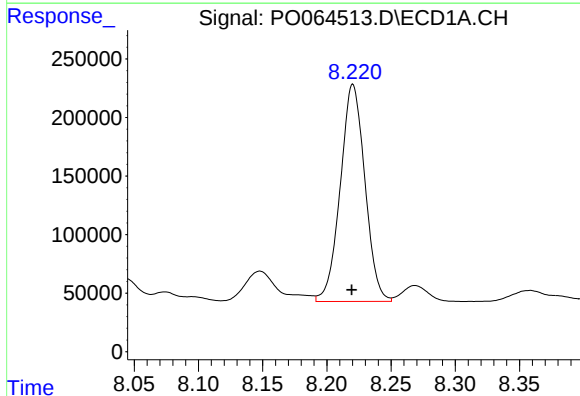
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 1465877
Conc: 490.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



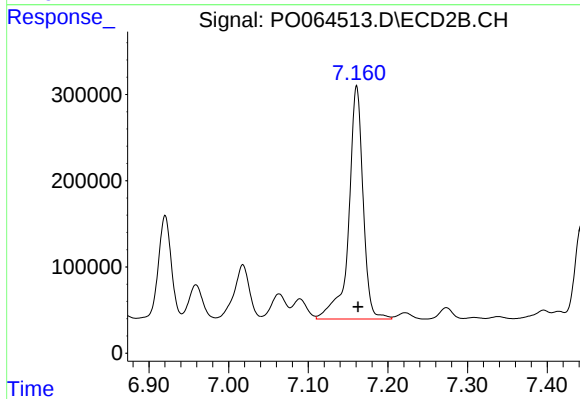
#36 AR-1262-1

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 698197
Conc: 555.66 ng/ml



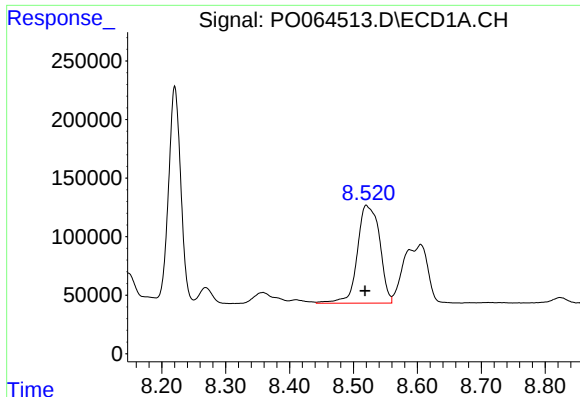
#37 AR-1262-2

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 2471326
Conc: 448.21 ng/ml



#37 AR-1262-2

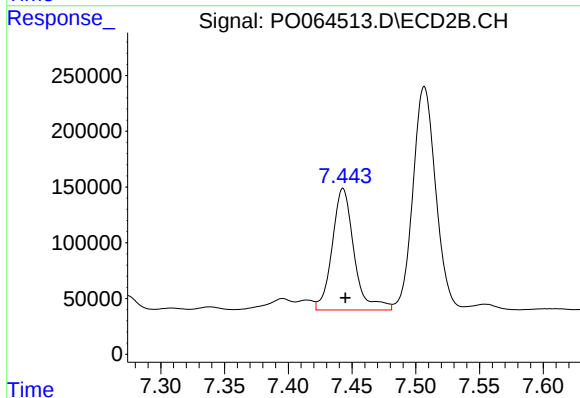
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 3383587
Conc: 567.21 ng/ml



#38 AR-1262-3

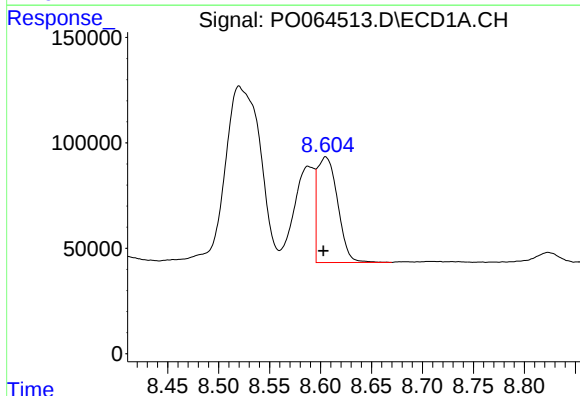
R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 2025807
Conc: 523.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



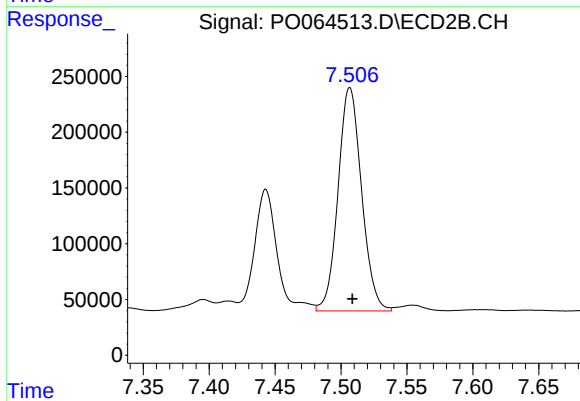
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 1303105
Conc: 558.97 ng/ml



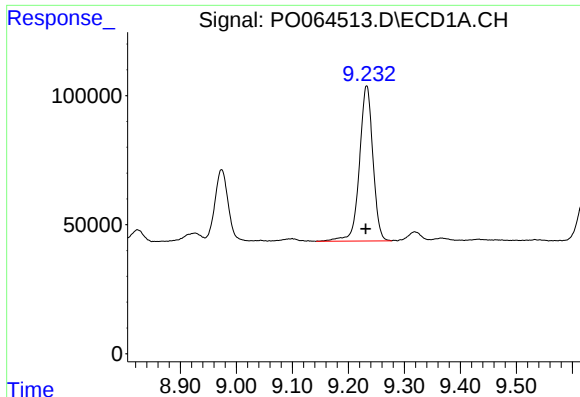
#39 AR-1262-4

R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 690419
Conc: 236.18 ng/ml



#39 AR-1262-4

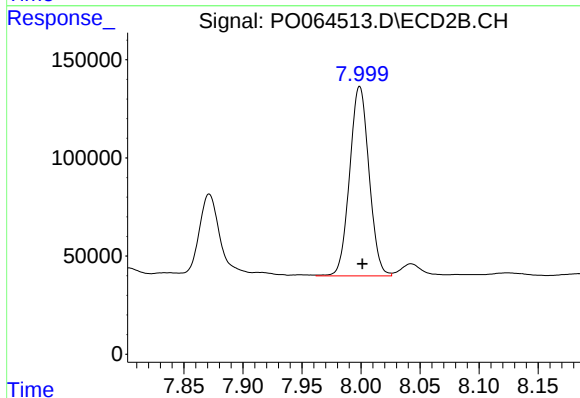
R.T.: 7.507 min
Delta R.T.: -0.002 min
Response: 2491674
Conc: 559.54 ng/ml



#40 AR-1262-5

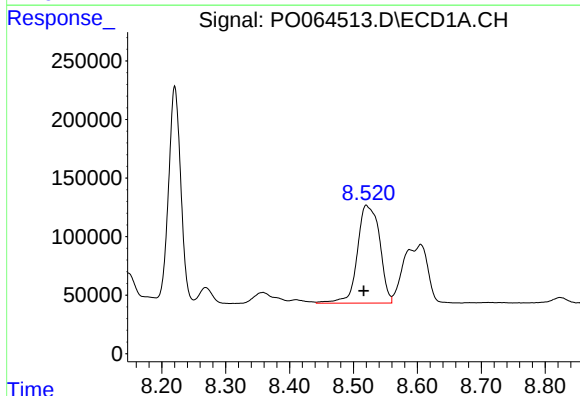
R.T.: 9.233 min
Delta R.T.: 0.001 min
Response: 1003314
Conc: 478.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



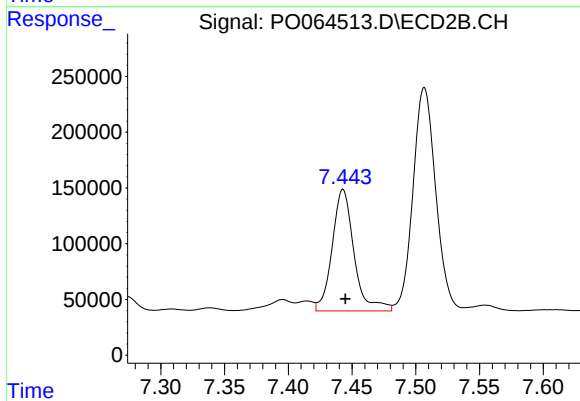
#40 AR-1262-5

R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 1102949
Conc: 522.22 ng/ml



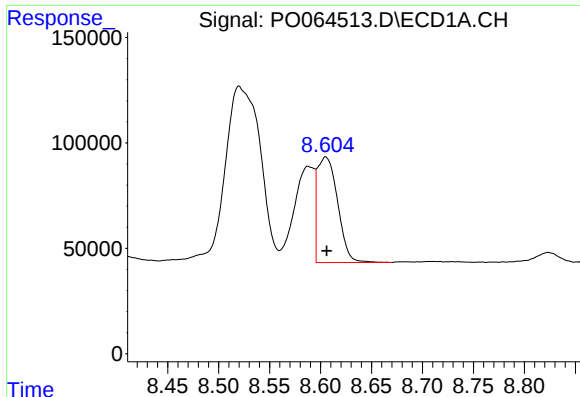
#41 AR-1268-1

R.T.: 8.520 min
Delta R.T.: 0.004 min
Response: 2025807
Conc: 310.71 ng/ml



#41 AR-1268-1

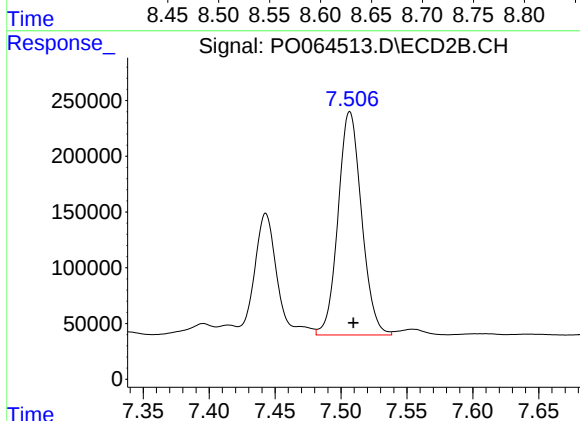
R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 1303105
Conc: 186.64 ng/ml



#42 AR-1268-2

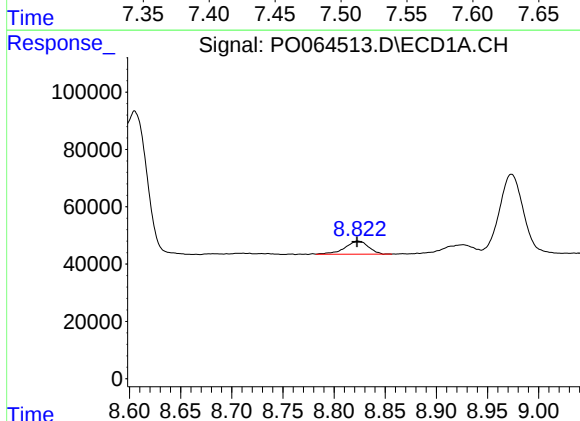
R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 690419
Conc: 114.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



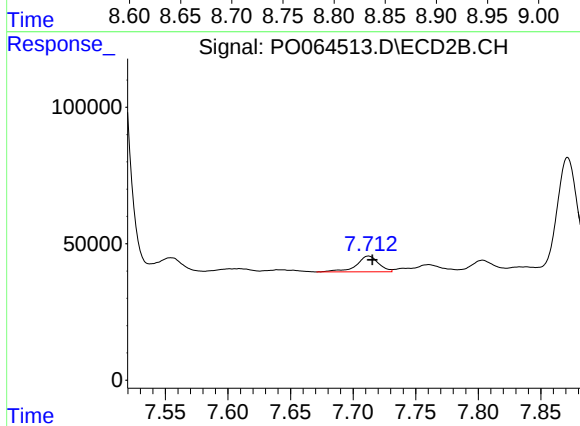
#42 AR-1268-2

R.T.: 7.507 min
Delta R.T.: -0.003 min
Response: 2491674
Conc: 389.17 ng/ml



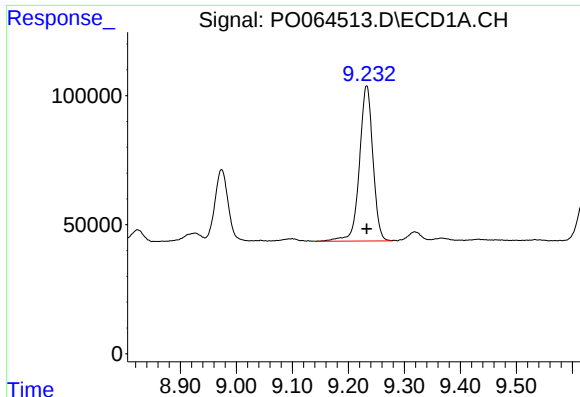
#43 AR-1268-3

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 73082
Conc: 14.72 ng/ml



#43 AR-1268-3

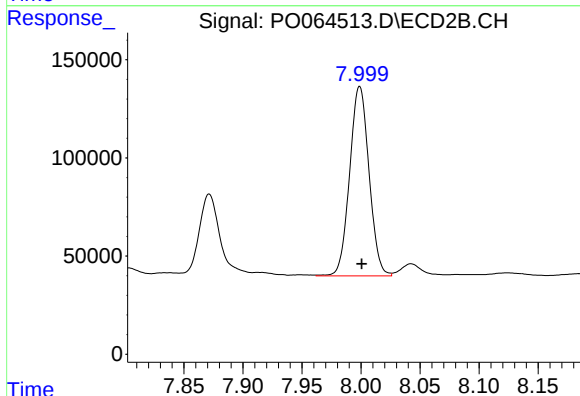
R.T.: 7.712 min
Delta R.T.: -0.003 min
Response: 71688
Conc: 13.69 ng/ml



#44 AR-1268-4

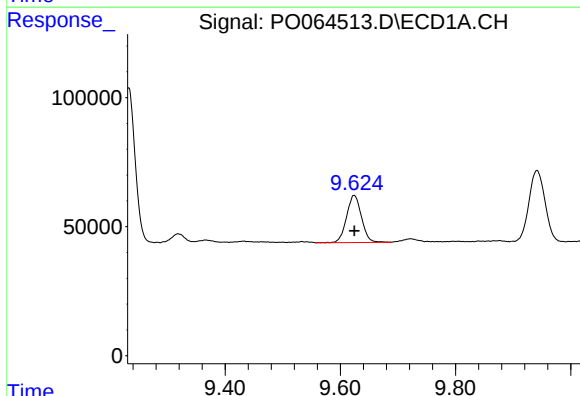
R.T.: 9.233 min
Delta R.T.: 0.000 min
Response: 1003314
Conc: 428.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
1E



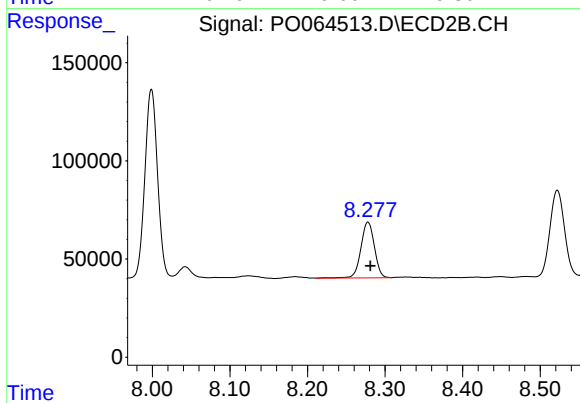
#44 AR-1268-4

R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 1102949
Conc: 472.11 ng/ml



#45 AR-1268-5

R.T.: 9.624 min
Delta R.T.: 0.000 min
Response: 329051
Conc: 21.42 ng/ml



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 343527
Conc: 20.80 ng/ml