

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : PO062203.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 7:13
 Operator : HP/AJ
 Sample : K5431-05MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 00:50:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.321	3.482	1109733	767947	17.943	17.909
2)	SA Decachlor...	9.947	8.330	931174	511692	16.642	17.439
Target Compounds							
3)	L1 AR-1016-1	5.482	4.525	534426	357275	225.811	228.416
4)	L1 AR-1016-2	5.504	4.542	765247	513443	224.662	220.749
5)	L1 AR-1016-3	5.565	4.711	460077	280556	222.322	226.976
6)	L1 AR-1016-4	5.664	4.754	398578	225436	235.163	229.405
7)	L1 AR-1016-5	5.954	4.959	350557	284671	197.129	220.751
8)	L2 AR-1221-1	4.586	3.686	161983	42016	232.776	82.635 #
9)	L2 AR-1221-2	4.616	3.768	68277	51773	130.923	134.739
10)	L2 AR-1221-3	4.693	3.842	335294	183144	205.375	155.630
11)	L3 AR-1232-1	4.693	3.842	335294	183144	153.516	118.195
12)	L3 AR-1232-2	5.216	4.542	421380	513443	353.181	297.397
13)	L3 AR-1232-3	5.504	4.711	765247	280556	299.130	306.943
14)	L3 AR-1232-4	5.664	4.794	398578	253498	310.063	311.605
15)	L3 AR-1232-5	5.753	4.959	305921	284671	309.098	322.331
16)	L4 AR-1242-1	5.482	4.525	534426	357275	288.411	297.072
17)	L4 AR-1242-2	5.504	4.542	765247	513443	288.477	288.249
18)	L4 AR-1242-3	5.565	4.711	460077	280556	281.716	294.692
19)	L4 AR-1242-4	5.664	4.794	398578	253498	295.252	268.526
20)	L4 AR-1242-5	6.394	5.300	163609	242686	107.043	203.378 #
21)	L5 AR-1248-1	5.482	4.525	534426	357275	372.879	363.916
22)	L5 AR-1248-2	5.753	4.754	305921	225436	152.796	177.943
23)	L5 AR-1248-3	5.954	4.794	350557	253498	158.725	190.966
24)	L5 AR-1248-4	6.358	4.959	160288	284671	62.743	179.901 #
25)	L5 AR-1248-5	6.394	5.340	163609	32464	66.912	21.094 #
26)	L6 AR-1254-1	6.329	5.300	474332	242686	177.944	99.226 #
27)	L6 AR-1254-2	6.546	5.444	677860	232831	165.798	109.937 #
28)	L6 AR-1254-3	6.918	5.853	530933	571915	126.893	175.533 #
29)	L6 AR-1254-4	7.195	6.060	150604	94367	49.979	48.859
30)	L6 AR-1254-5	7.633	6.470	4030015	1744572	1285.944	660.523 #
31)	L7 AR-1260-1	7.073	5.964	779415	568148	273.755	267.397
32)	L7 AR-1260-2	7.325	6.149	2262365	659558	659.475	259.911 #
33)	L7 AR-1260-3	7.686	6.298	596153	522062	225.293	231.195
34)	L7 AR-1260-4	7.911	6.760	625229	406141	223.532	231.307
35)	L7 AR-1260-5	8.223	7.001	1072024	787148	204.757	218.504
36)	L8 AR-1262-1	7.686	6.559	596153	204894	145.230	171.925
37)	L8 AR-1262-2	8.223	7.001	1072024	787148	166.256	187.336
38)	L8 AR-1262-3	8.537	7.279	708299	2467	161.073	1.403 #
39)	L8 AR-1262-4	8.590	7.341	417562	533096	120.858	174.379 #
40)	L8 AR-1262-5	9.238	7.831	279589	166105	123.784	127.184
41)	L9 AR-1268-1	8.537	7.279	708299	2467	93.567	0.527 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : P0062203.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 7:13
 Operator : HP/AJ
 Sample : K5431-05MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

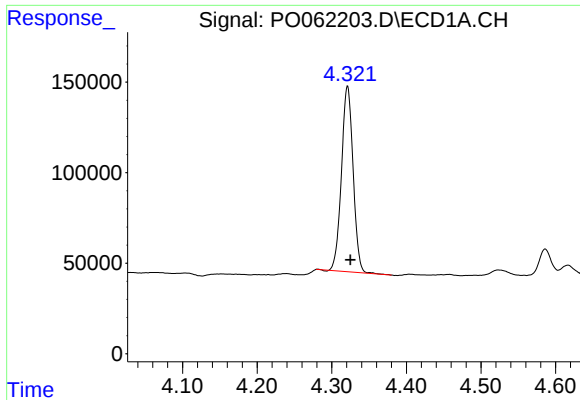
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 00:50:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
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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
42) L9	AR-1268-2	8.590	7.341	417562	533096	59.441	127.603 #
44) L9	AR-1268-4	9.238	7.831	279589	166105	117.672	116.575
45) L9	AR-1268-5	9.630	8.099	129267	61395	7.172	6.632

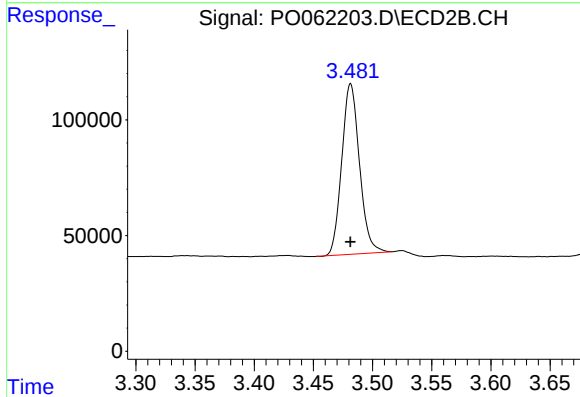
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

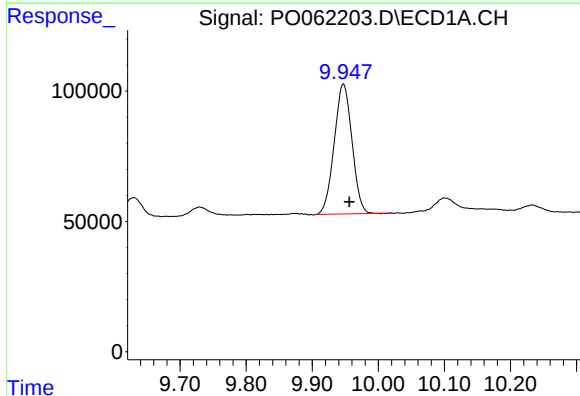
R.T.: 4.321 min
Delta R.T.: -0.004 min
Response: 1109733
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



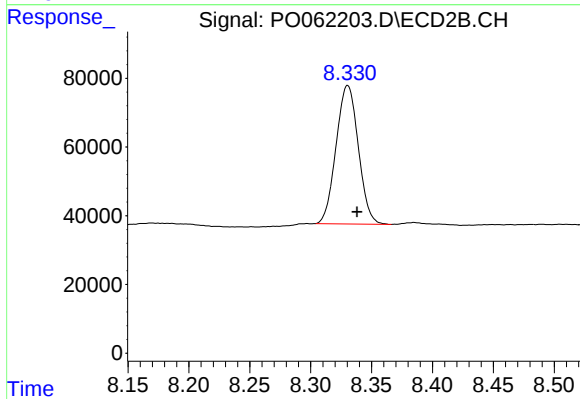
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 767947
Conc: 17.91 ng/ml



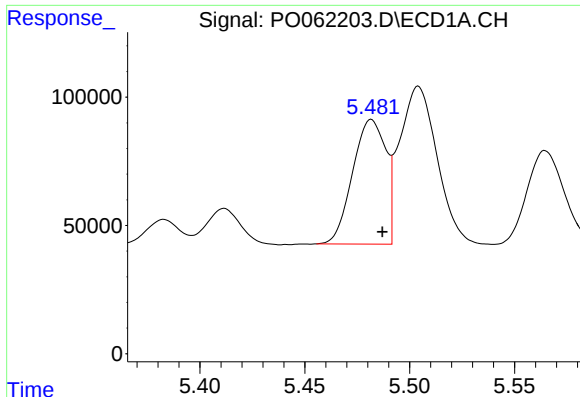
#2 Decachlorobiphenyl

R.T.: 9.947 min
Delta R.T.: -0.009 min
Response: 931174
Conc: 16.64 ng/ml



#2 Decachlorobiphenyl

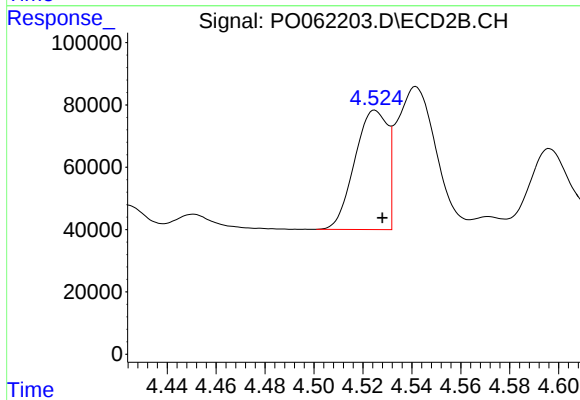
R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 511692
Conc: 17.44 ng/ml



#3 AR-1016-1

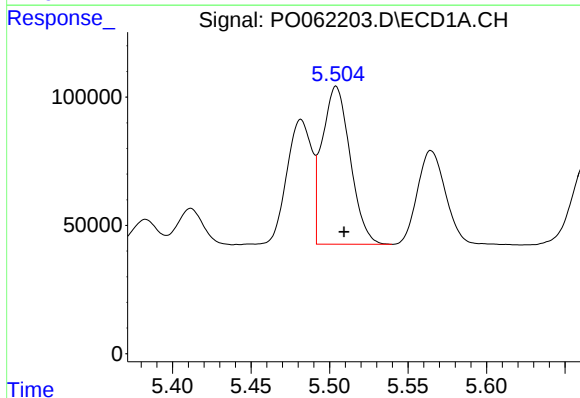
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 534426
Conc: 225.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



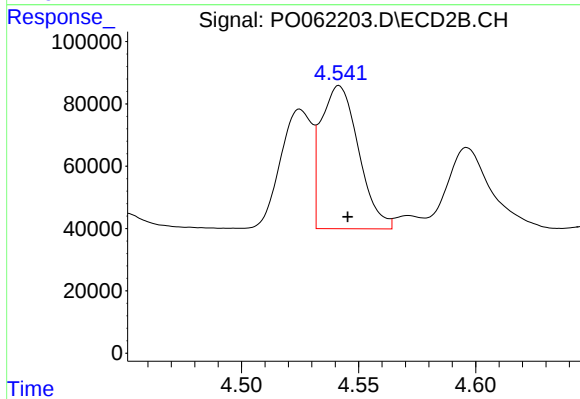
#3 AR-1016-1

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 357275
Conc: 228.42 ng/ml



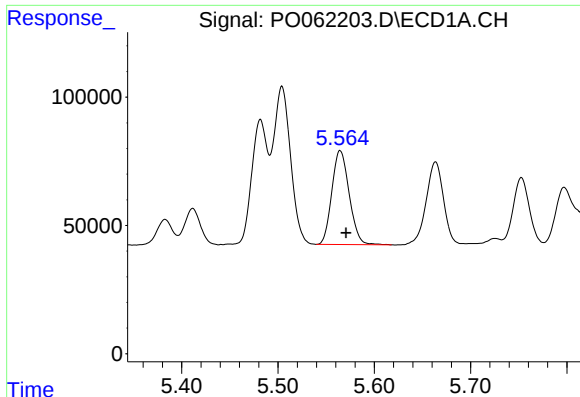
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 765247
Conc: 224.66 ng/ml



#4 AR-1016-2

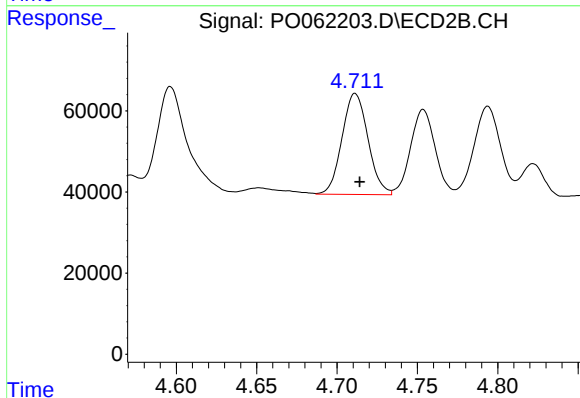
R.T.: 4.542 min
Delta R.T.: -0.004 min
Response: 513443
Conc: 220.75 ng/ml



#5 AR-1016-3

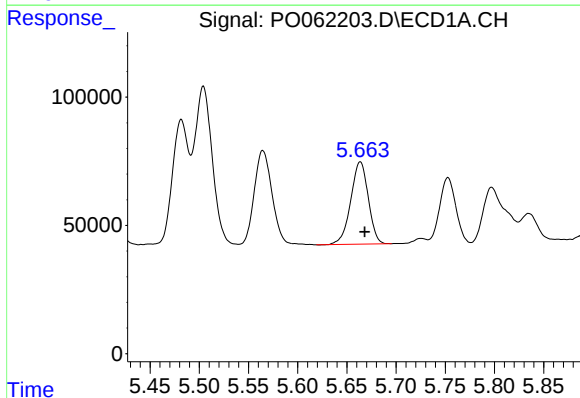
R.T.: 5.565 min
Delta R.T.: -0.006 min
Response: 460077
Conc: 222.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



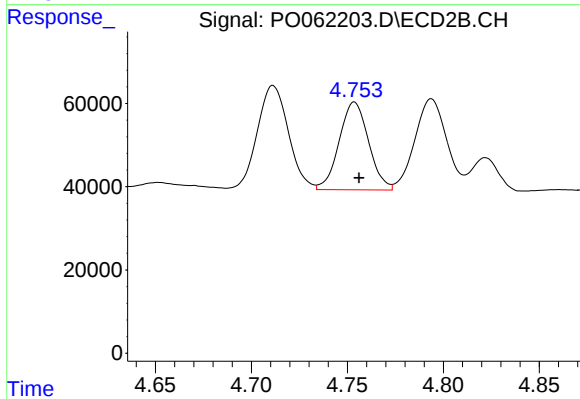
#5 AR-1016-3

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 280556
Conc: 226.98 ng/ml



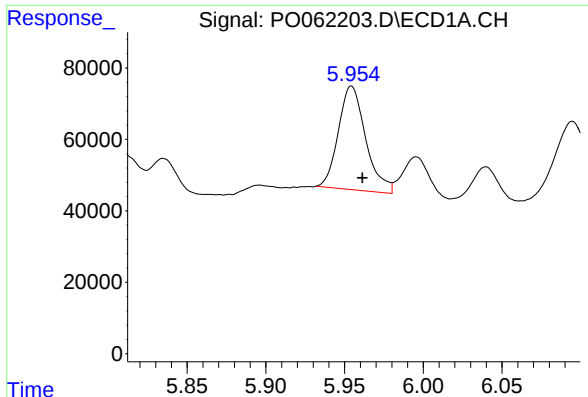
#6 AR-1016-4

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 398578
Conc: 235.16 ng/ml



#6 AR-1016-4

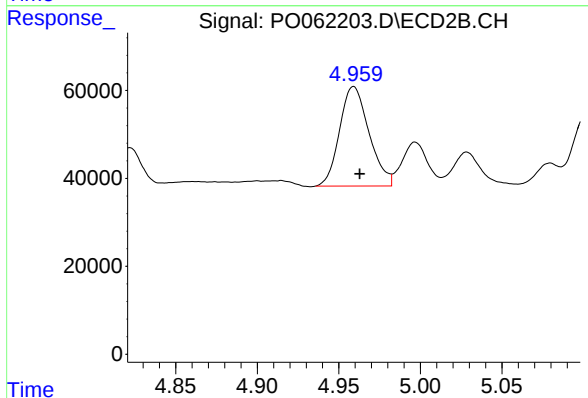
R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 225436
Conc: 229.41 ng/ml



#7 AR-1016-5

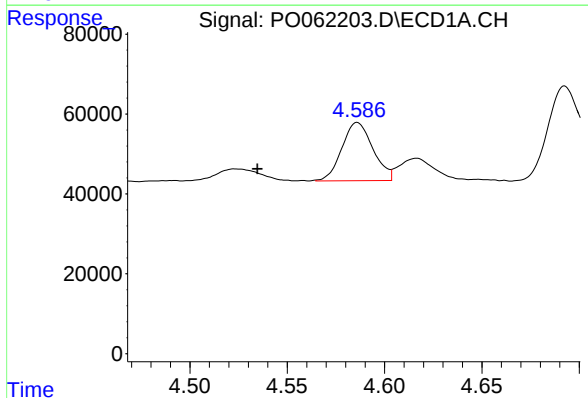
R.T.: 5.954 min
Delta R.T.: -0.007 min
Response: 350557
Conc: 197.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



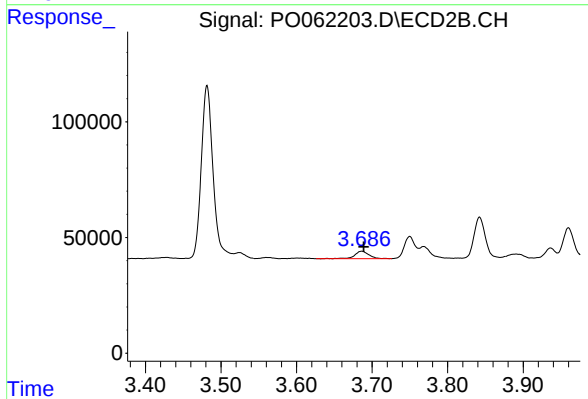
#7 AR-1016-5

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 284671
Conc: 220.75 ng/ml



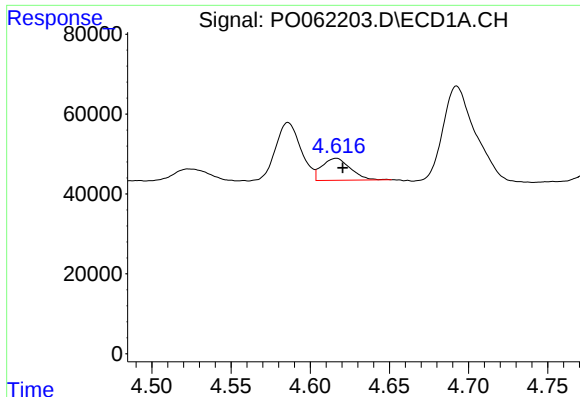
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: 0.051 min
Response: 161983
Conc: 232.78 ng/ml



#8 AR-1221-1

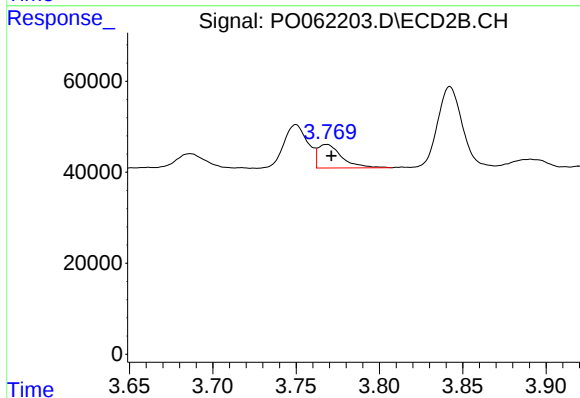
R.T.: 3.686 min
Delta R.T.: -0.003 min
Response: 42016
Conc: 82.63 ng/ml



#9 AR-1221-2

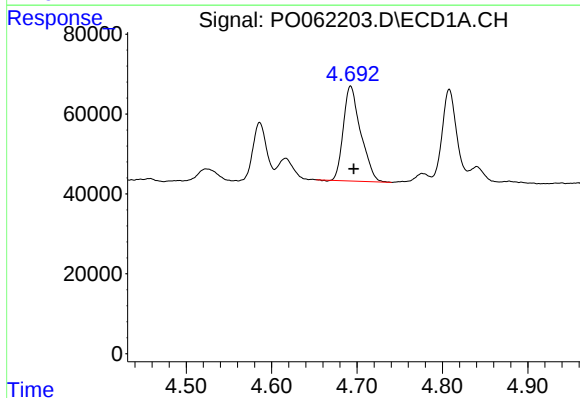
R.T.: 4.616 min
Delta R.T.: -0.004 min
Response: 68277
Conc: 130.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



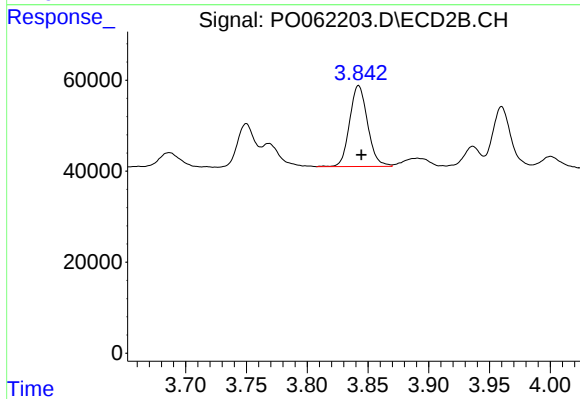
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: -0.003 min
Response: 51773
Conc: 134.74 ng/ml



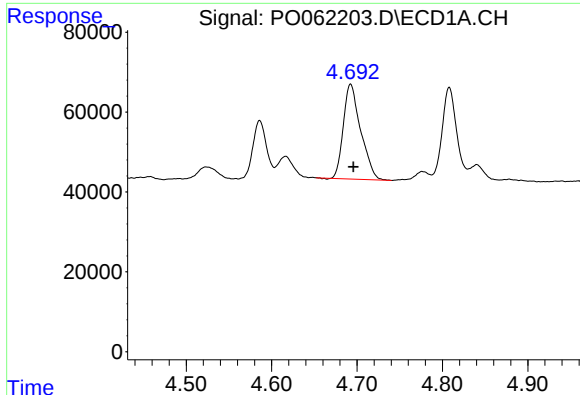
#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 335294
Conc: 205.37 ng/ml



#10 AR-1221-3

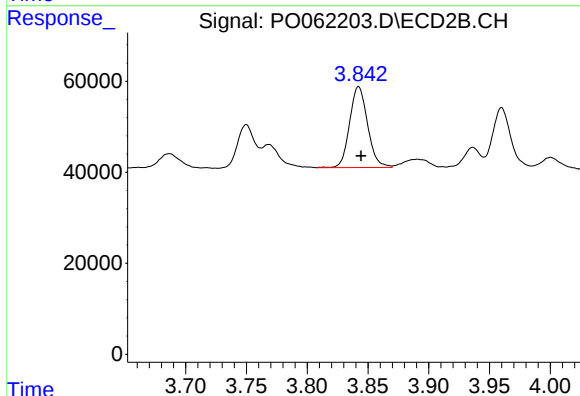
R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 183144
Conc: 155.63 ng/ml



#11 AR-1232-1

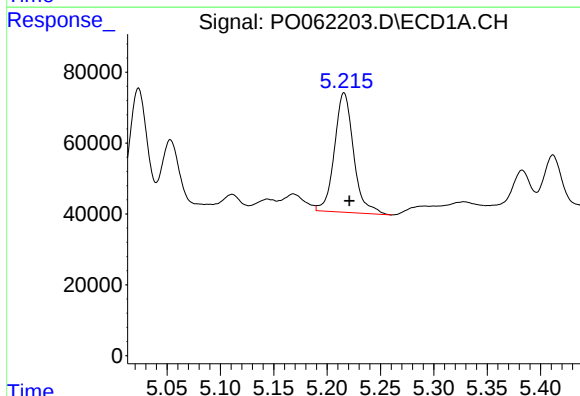
R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 335294
Conc: 153.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



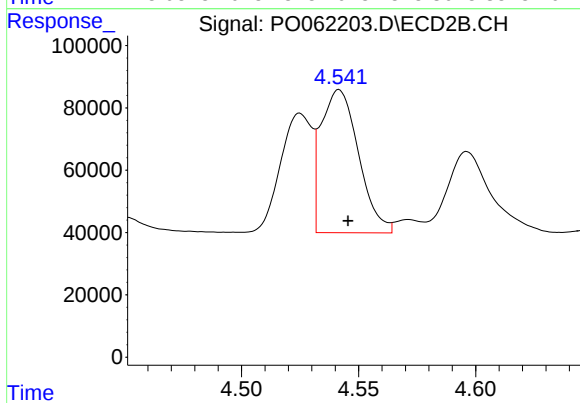
#11 AR-1232-1

R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 183144
Conc: 118.19 ng/ml



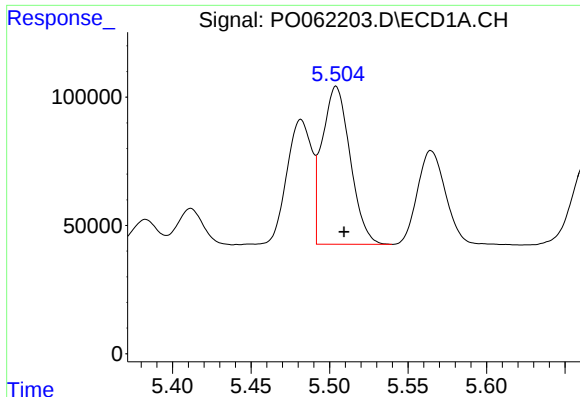
#12 AR-1232-2

R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 421380
Conc: 353.18 ng/ml



#12 AR-1232-2

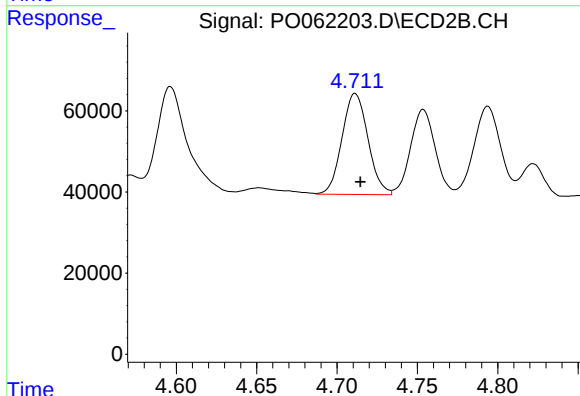
R.T.: 4.542 min
Delta R.T.: -0.004 min
Response: 513443
Conc: 297.40 ng/ml



#13 AR-1232-3

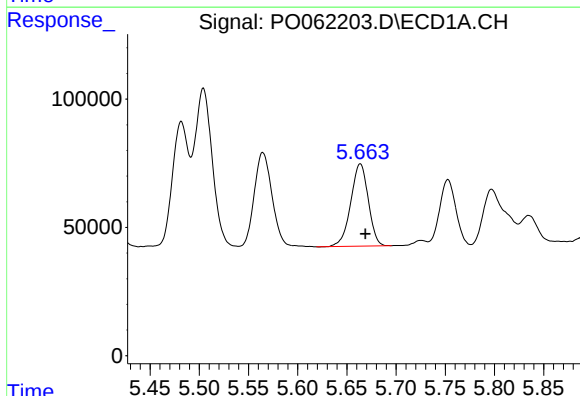
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 765247
Conc: 299.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



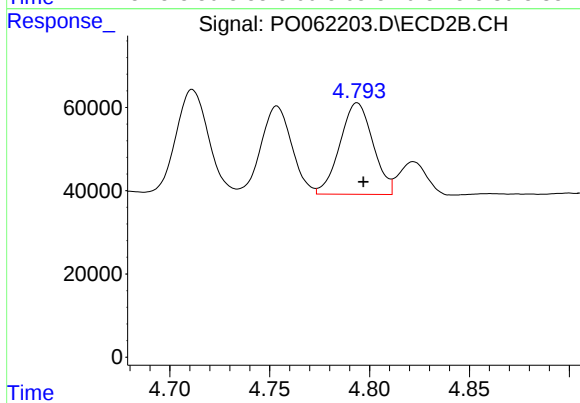
#13 AR-1232-3

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 280556
Conc: 306.94 ng/ml



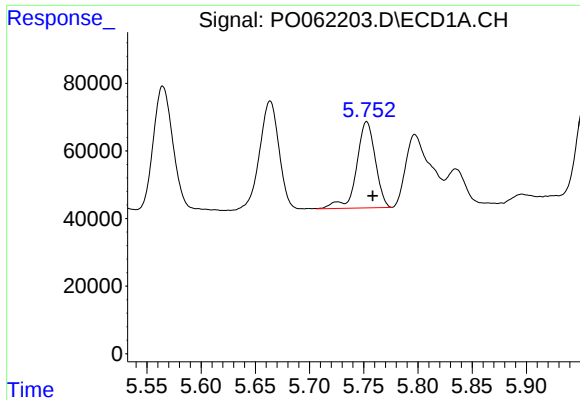
#14 AR-1232-4

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 398578
Conc: 310.06 ng/ml



#14 AR-1232-4

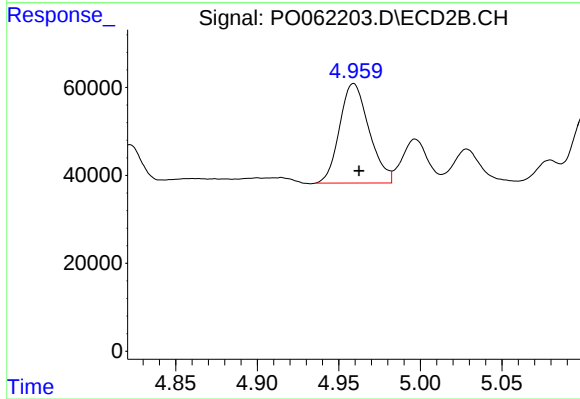
R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 253498
Conc: 311.61 ng/ml



#15 AR-1232-5

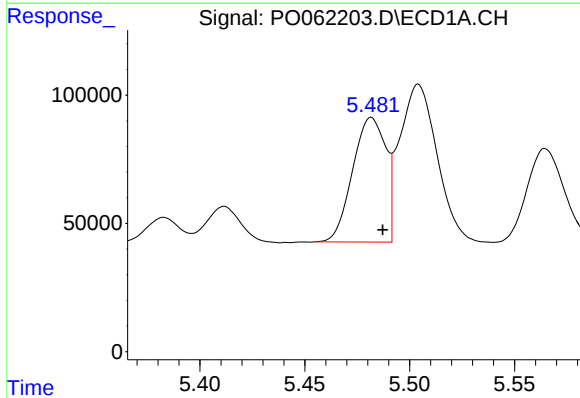
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 305921
Conc: 309.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



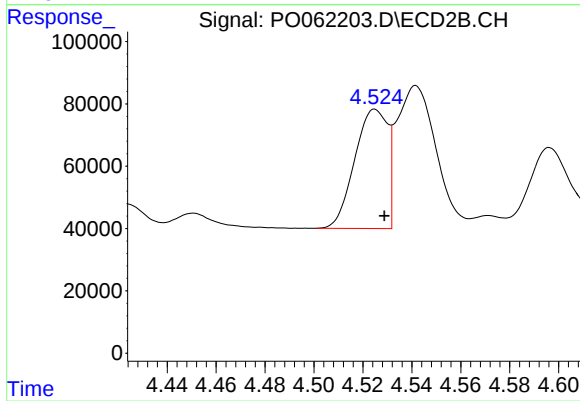
#15 AR-1232-5

R.T.: 4.959 min
Delta R.T.: -0.003 min
Response: 284671
Conc: 322.33 ng/ml



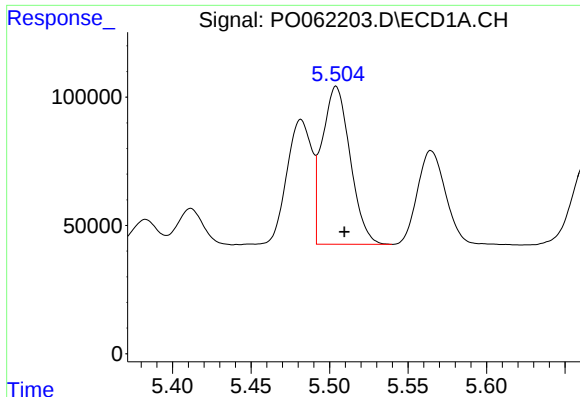
#16 AR-1242-1

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 534426
Conc: 288.41 ng/ml



#16 AR-1242-1

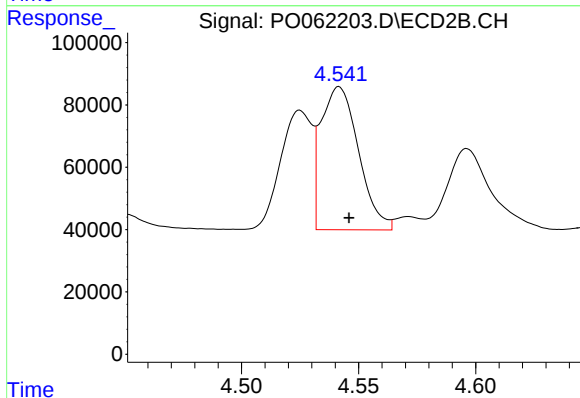
R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 357275
Conc: 297.07 ng/ml



#17 AR-1242-2

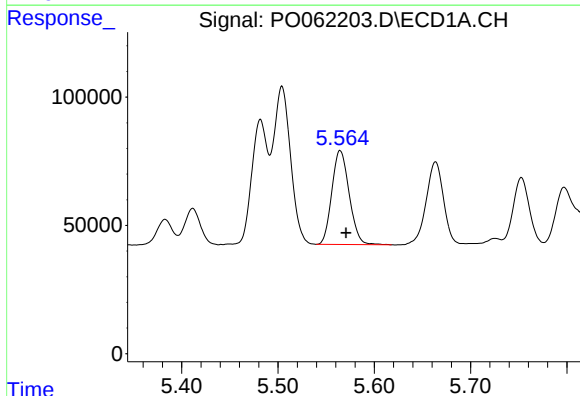
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 765247
Conc: 288.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



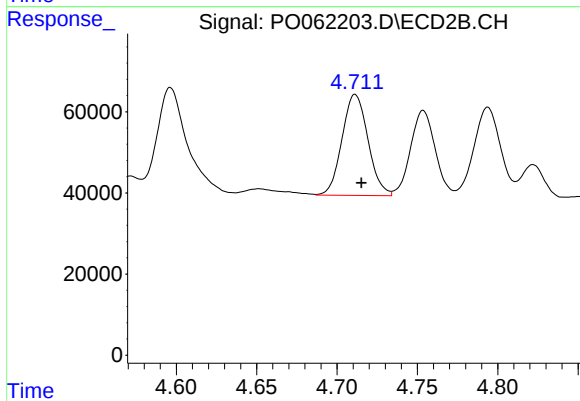
#17 AR-1242-2

R.T.: 4.542 min
Delta R.T.: -0.004 min
Response: 513443
Conc: 288.25 ng/ml



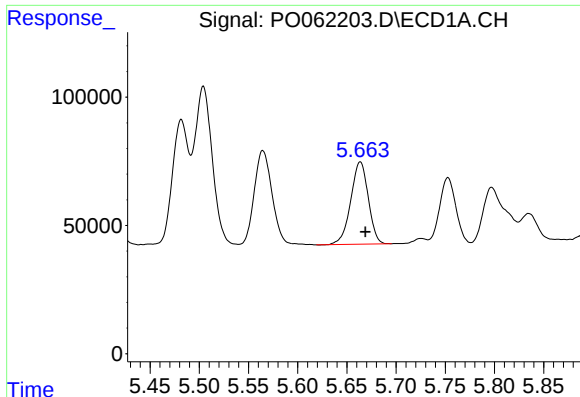
#18 AR-1242-3

R.T.: 5.565 min
Delta R.T.: -0.006 min
Response: 460077
Conc: 281.72 ng/ml



#18 AR-1242-3

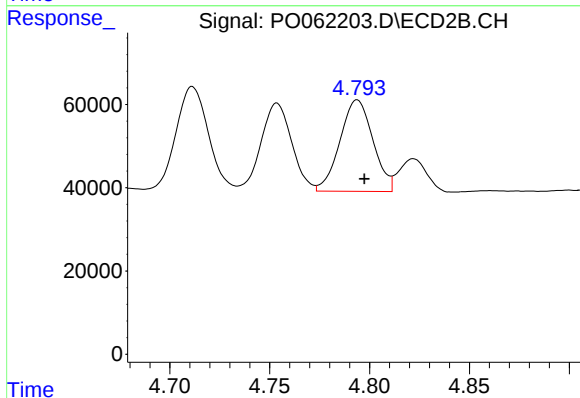
R.T.: 4.711 min
Delta R.T.: -0.004 min
Response: 280556
Conc: 294.69 ng/ml



#19 AR-1242-4

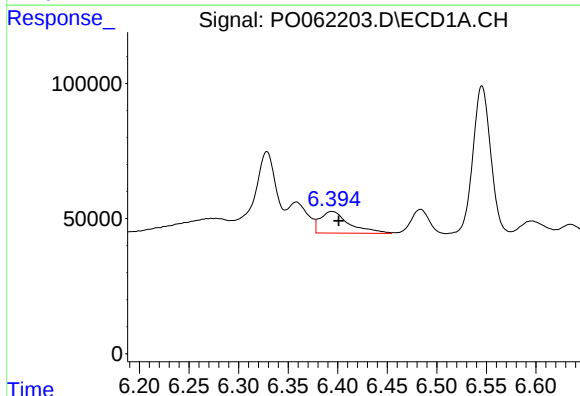
R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 398578
Conc: 295.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



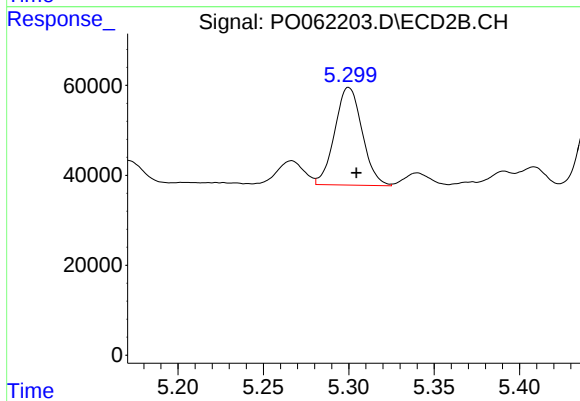
#19 AR-1242-4

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 253498
Conc: 268.53 ng/ml



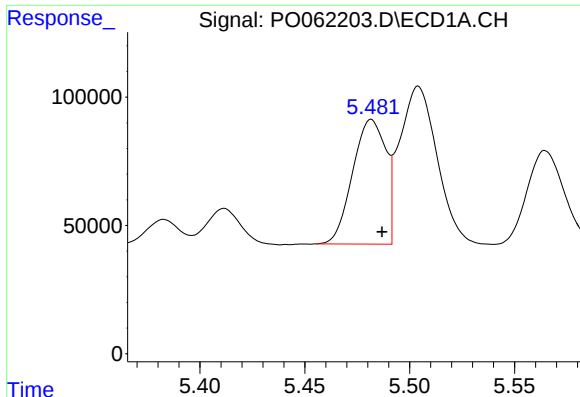
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: -0.007 min
Response: 163609
Conc: 107.04 ng/ml



#20 AR-1242-5

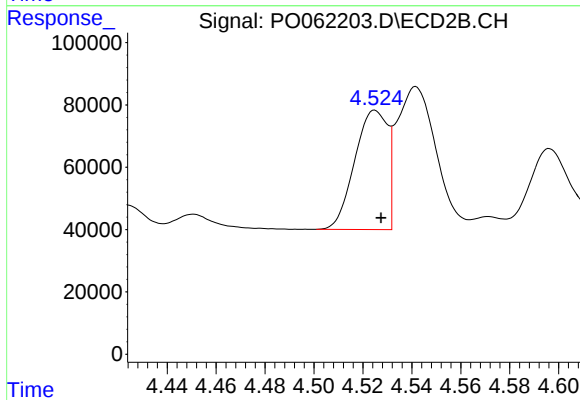
R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 242686
Conc: 203.38 ng/ml



#21 AR-1248-1

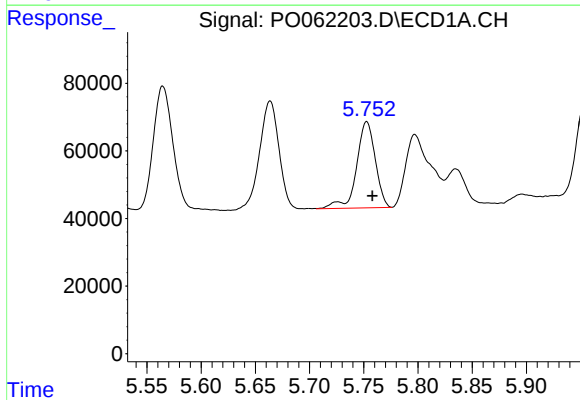
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 534426
Conc: 372.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



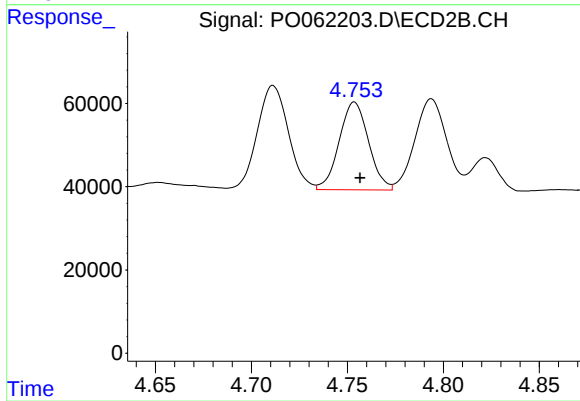
#21 AR-1248-1

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 357275
Conc: 363.92 ng/ml



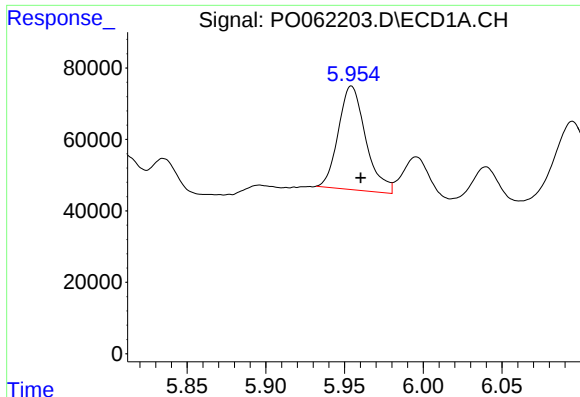
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 305921
Conc: 152.80 ng/ml



#22 AR-1248-2

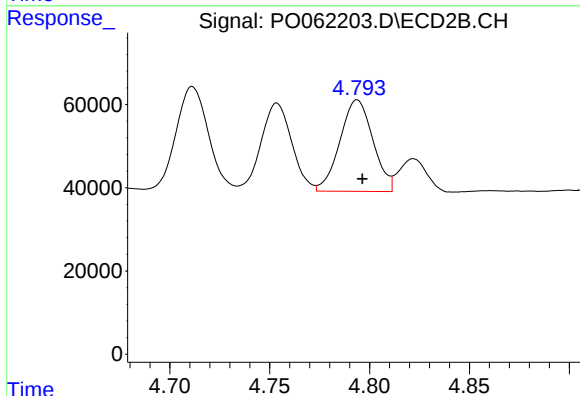
R.T.: 4.754 min
Delta R.T.: -0.003 min
Response: 225436
Conc: 177.94 ng/ml



#23 AR-1248-3

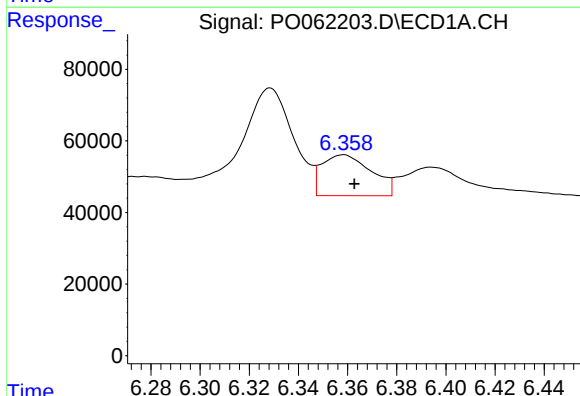
R.T.: 5.954 min
Delta R.T.: -0.006 min
Response: 350557
Conc: 158.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



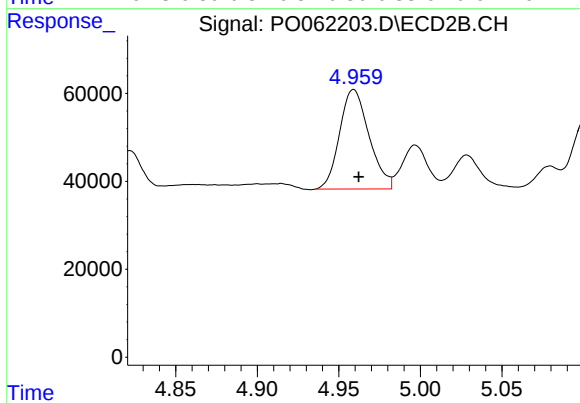
#23 AR-1248-3

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 253498
Conc: 190.97 ng/ml



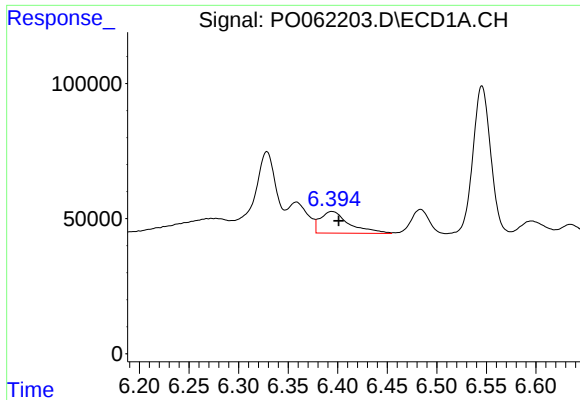
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 160288
Conc: 62.74 ng/ml



#24 AR-1248-4

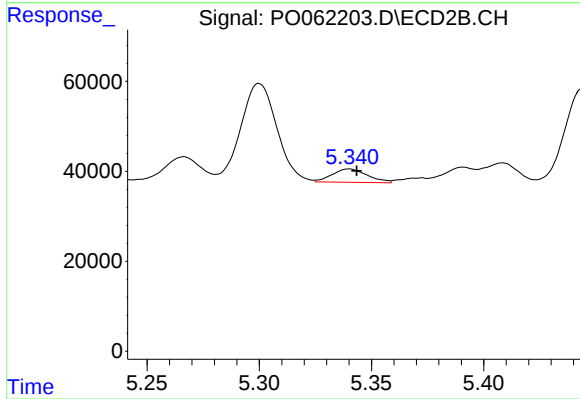
R.T.: 4.959 min
Delta R.T.: -0.003 min
Response: 284671
Conc: 179.90 ng/ml



#25 AR-1248-5

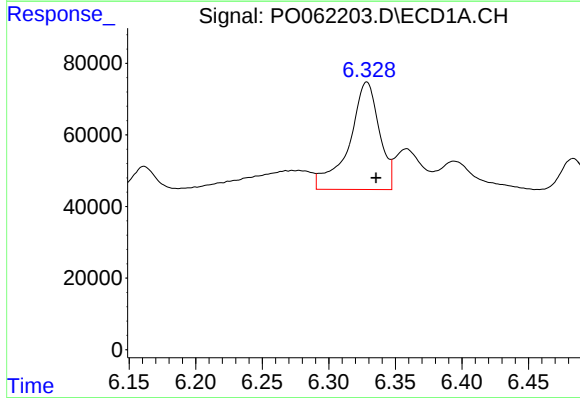
R.T.: 6.394 min
Delta R.T.: -0.007 min
Response: 163609
Conc: 66.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



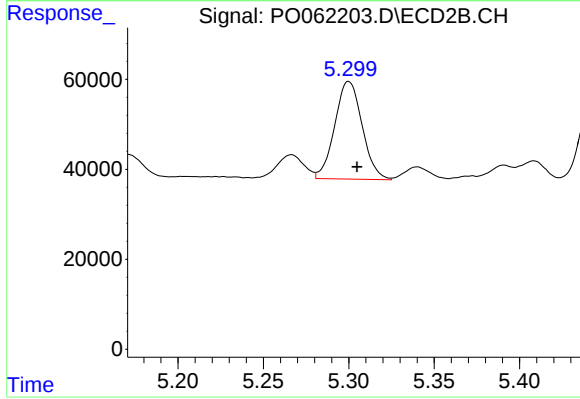
#25 AR-1248-5

R.T.: 5.340 min
Delta R.T.: -0.003 min
Response: 32464
Conc: 21.09 ng/ml



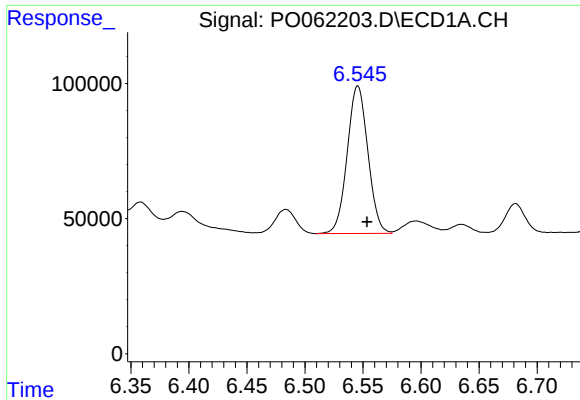
#26 AR-1254-1

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 474332
Conc: 177.94 ng/ml



#26 AR-1254-1

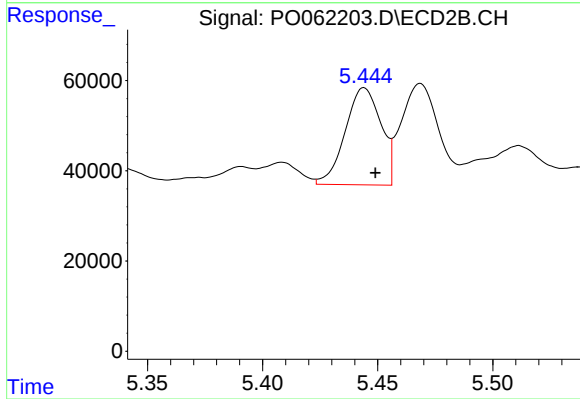
R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 242686
Conc: 99.23 ng/ml



#27 AR-1254-2

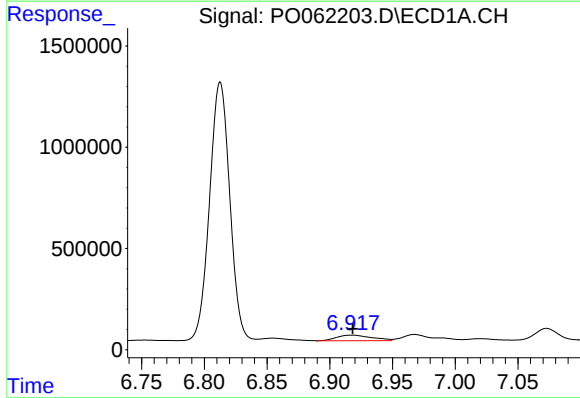
R.T.: 6.546 min
Delta R.T.: -0.008 min
Response: 677860
Conc: 165.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



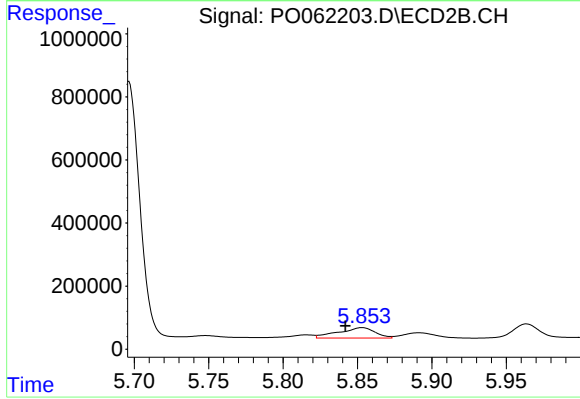
#27 AR-1254-2

R.T.: 5.444 min
Delta R.T.: -0.005 min
Response: 232831
Conc: 109.94 ng/ml



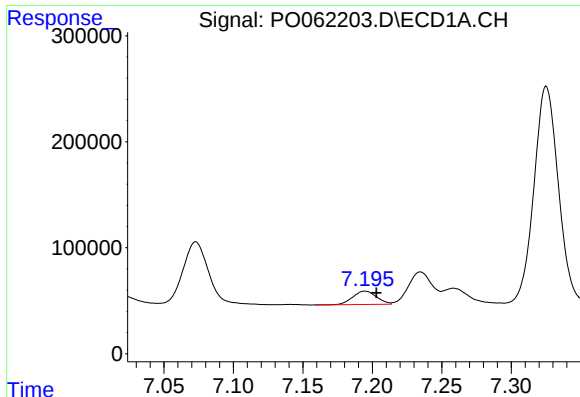
#28 AR-1254-3

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 530933
Conc: 126.89 ng/ml



#28 AR-1254-3

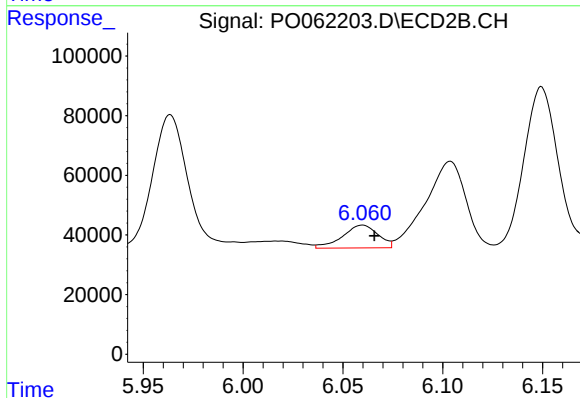
R.T.: 5.853 min
Delta R.T.: 0.011 min
Response: 571915
Conc: 175.53 ng/ml



#29 AR-1254-4

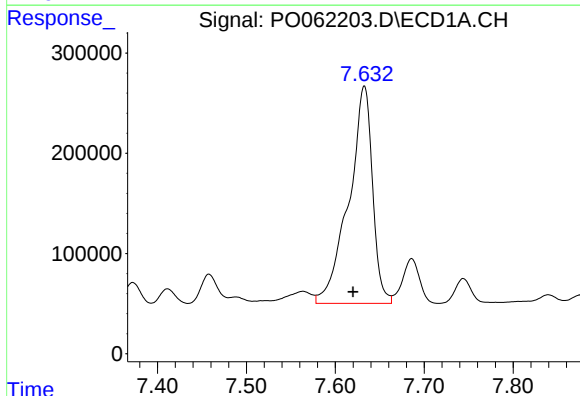
R.T.: 7.195 min
Delta R.T.: -0.008 min
Response: 150604
Conc: 49.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



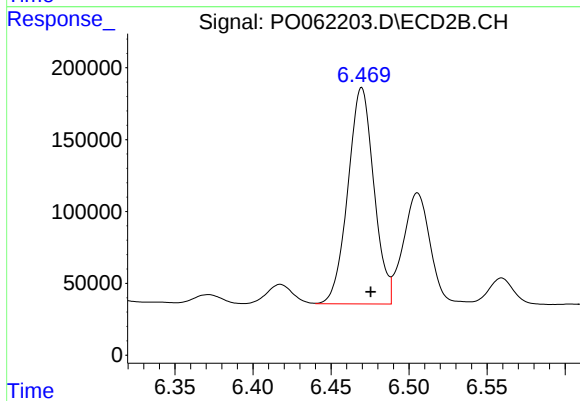
#29 AR-1254-4

R.T.: 6.060 min
Delta R.T.: -0.006 min
Response: 94367
Conc: 48.86 ng/ml



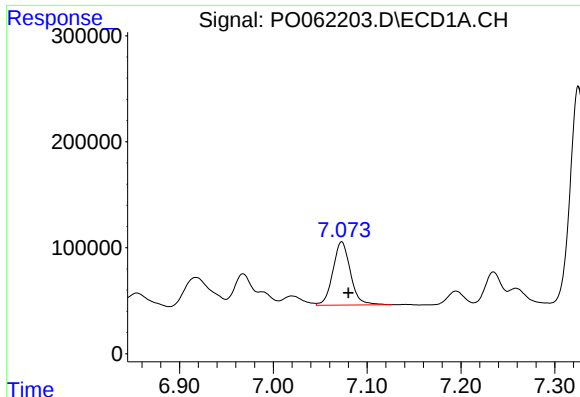
#30 AR-1254-5

R.T.: 7.633 min
Delta R.T.: 0.013 min
Response: 4030015
Conc: 1285.94 ng/ml



#30 AR-1254-5

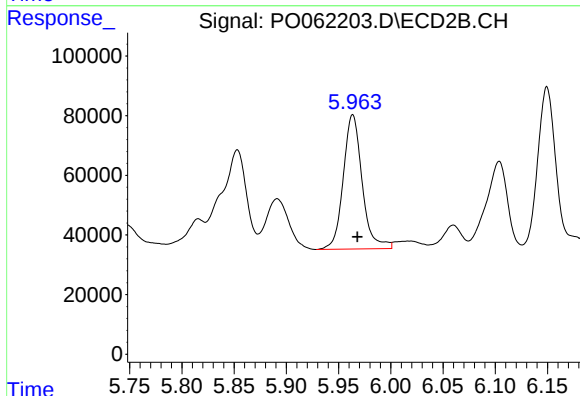
R.T.: 6.470 min
Delta R.T.: -0.006 min
Response: 1744572
Conc: 660.52 ng/ml



#31 AR-1260-1

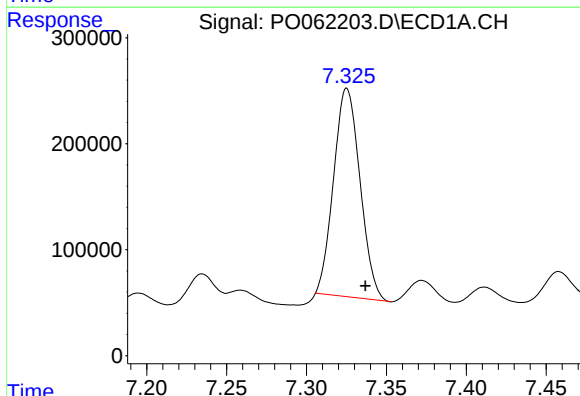
R.T.: 7.073 min
Delta R.T.: -0.007 min
Response: 779415
Conc: 273.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



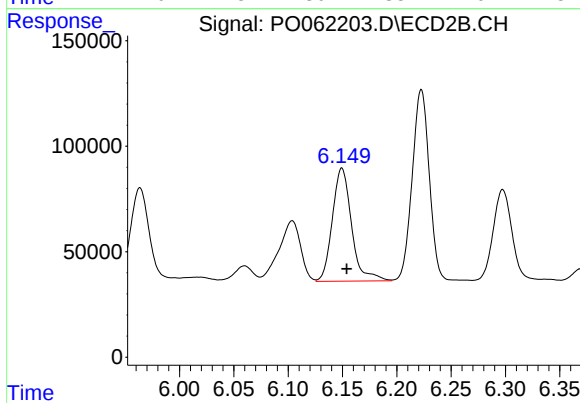
#31 AR-1260-1

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 568148
Conc: 267.40 ng/ml



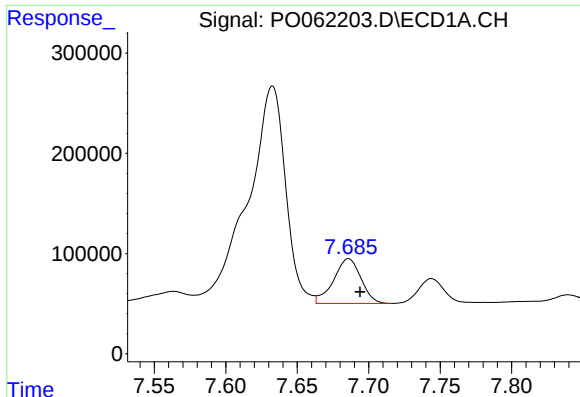
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.012 min
Response: 2262365
Conc: 659.48 ng/ml



#32 AR-1260-2

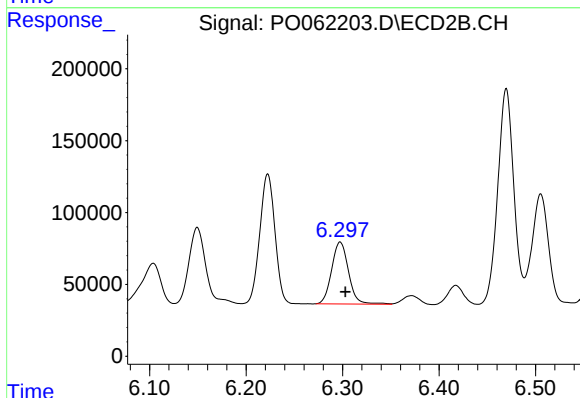
R.T.: 6.149 min
Delta R.T.: -0.004 min
Response: 659558
Conc: 259.91 ng/ml



#33 AR-1260-3

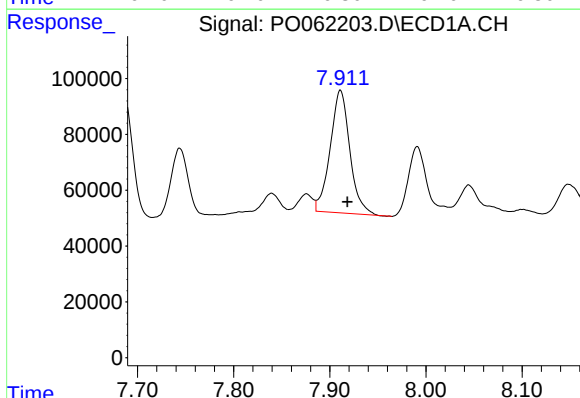
R.T.: 7.686 min
Delta R.T.: -0.008 min
Response: 596153
Conc: 225.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



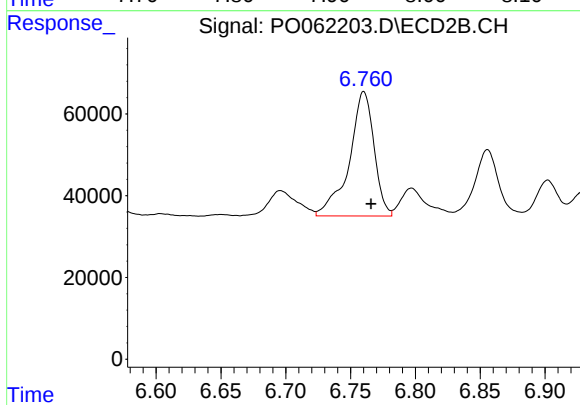
#33 AR-1260-3

R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 522062
Conc: 231.19 ng/ml



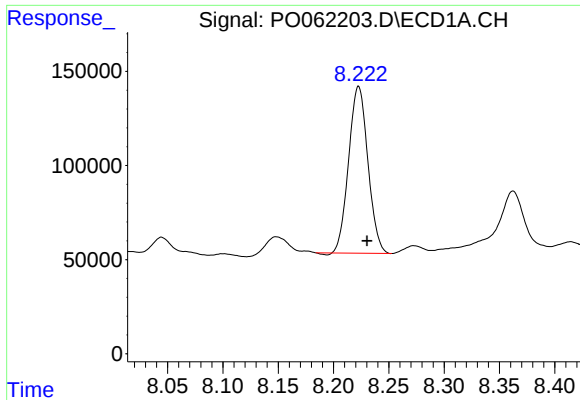
#34 AR-1260-4

R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 625229
Conc: 223.53 ng/ml



#34 AR-1260-4

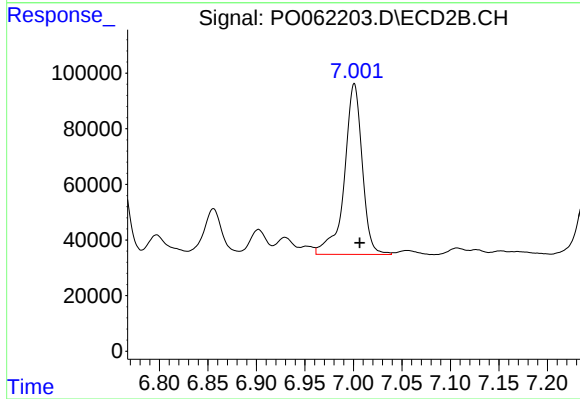
R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 406141
Conc: 231.31 ng/ml



#35 AR-1260-5

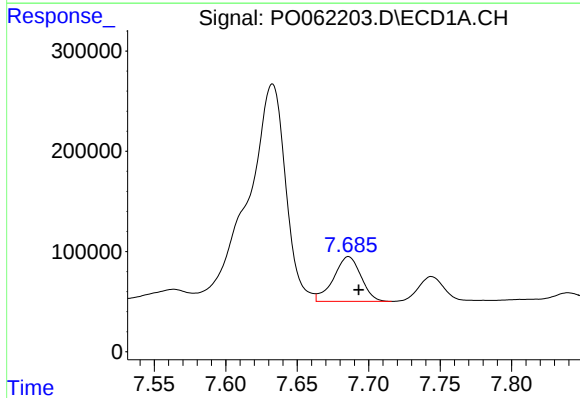
R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 1072024
Conc: 204.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



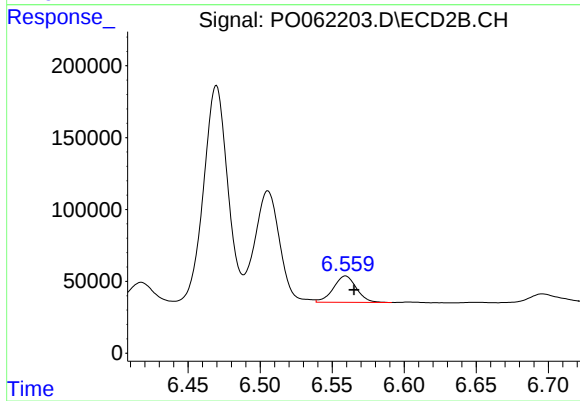
#35 AR-1260-5

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 787148
Conc: 218.50 ng/ml



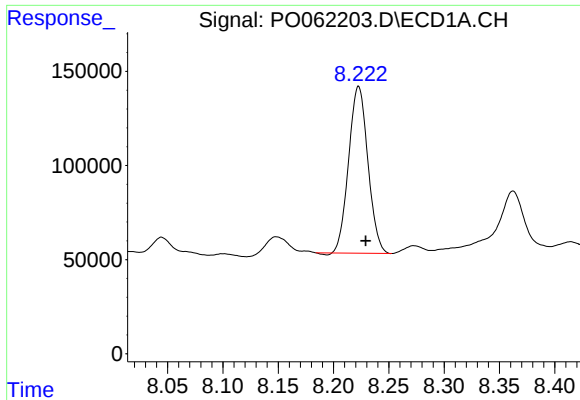
#36 AR-1262-1

R.T.: 7.686 min
Delta R.T.: -0.007 min
Response: 596153
Conc: 145.23 ng/ml



#36 AR-1262-1

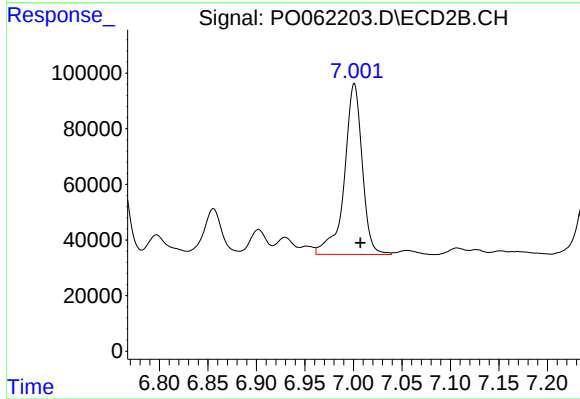
R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 204894
Conc: 171.92 ng/ml



#37 AR-1262-2

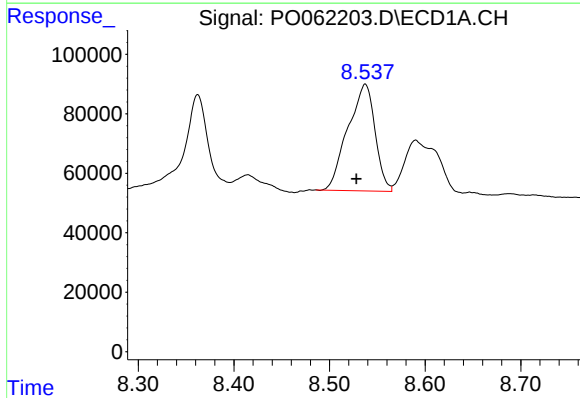
R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 1072024
Conc: 166.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



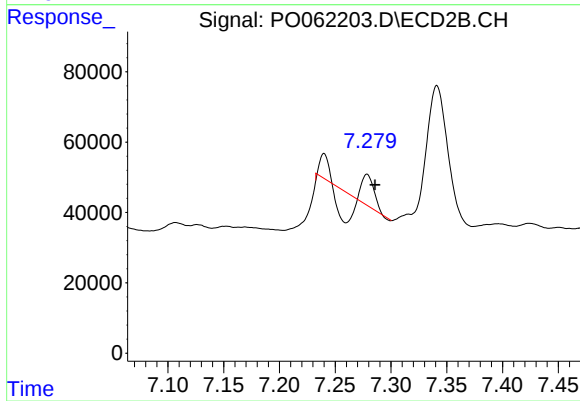
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 787148
Conc: 187.34 ng/ml



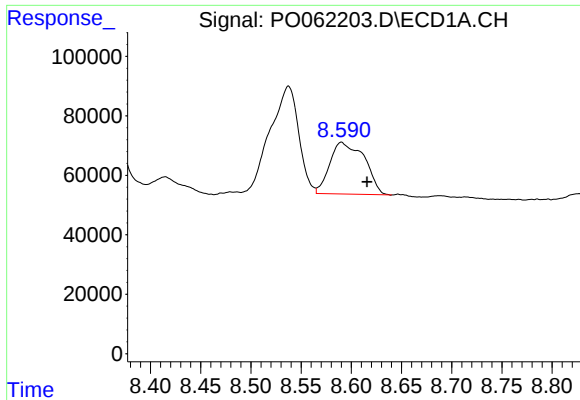
#38 AR-1262-3

R.T.: 8.537 min
Delta R.T.: 0.009 min
Response: 708299
Conc: 161.07 ng/ml



#38 AR-1262-3

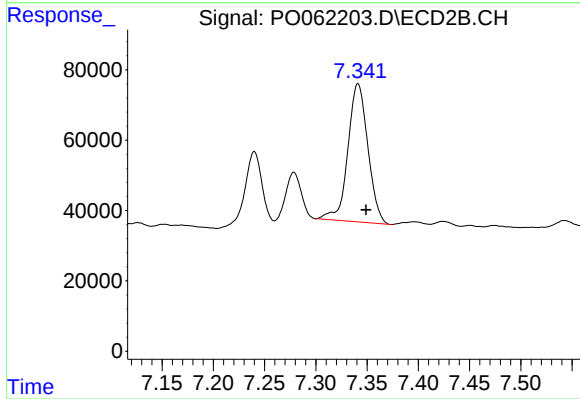
R.T.: 7.279 min
Delta R.T.: -0.007 min
Response: 2467
Conc: 1.40 ng/ml



#39 AR-1262-4

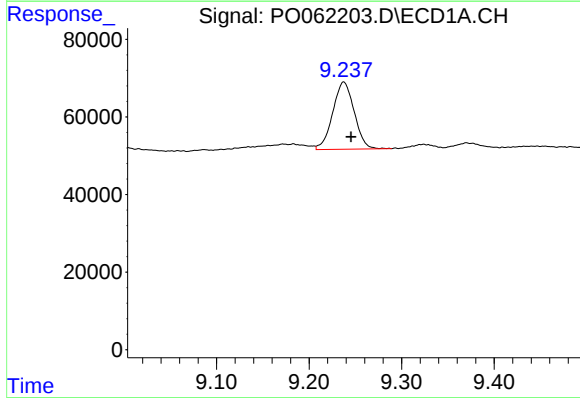
R.T.: 8.590 min
Delta R.T.: -0.026 min
Response: 417562
Conc: 120.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



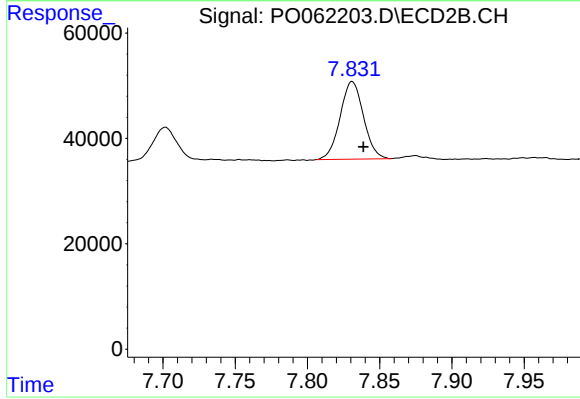
#39 AR-1262-4

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 533096
Conc: 174.38 ng/ml



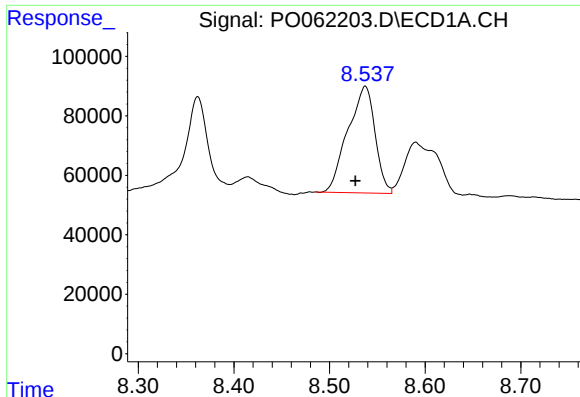
#40 AR-1262-5

R.T.: 9.238 min
Delta R.T.: -0.008 min
Response: 279589
Conc: 123.78 ng/ml



#40 AR-1262-5

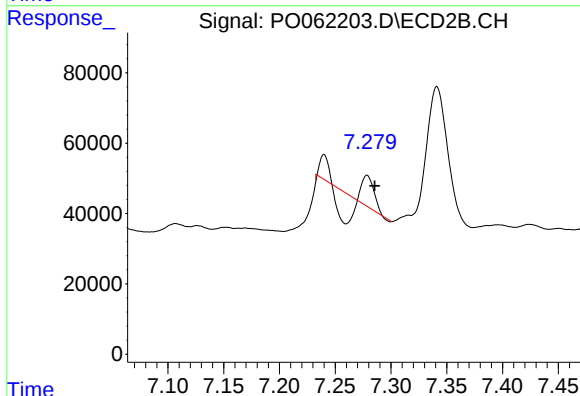
R.T.: 7.831 min
Delta R.T.: -0.008 min
Response: 166105
Conc: 127.18 ng/ml



#41 AR-1268-1

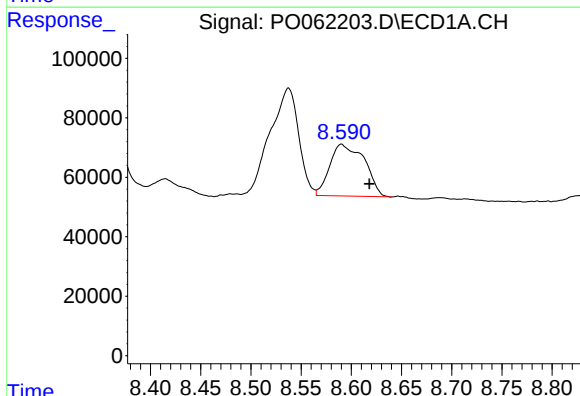
R.T.: 8.537 min
Delta R.T.: 0.011 min
Response: 708299
Conc: 93.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



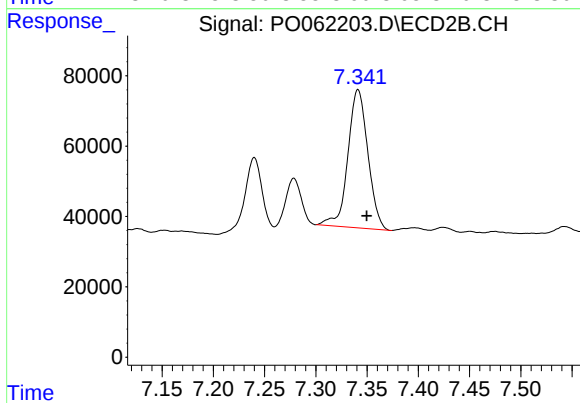
#41 AR-1268-1

R.T.: 7.279 min
Delta R.T.: -0.007 min
Response: 2467
Conc: 0.53 ng/ml



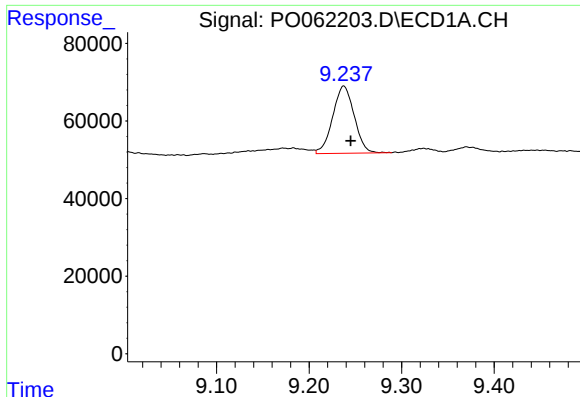
#42 AR-1268-2

R.T.: 8.590 min
Delta R.T.: -0.028 min
Response: 417562
Conc: 59.44 ng/ml



#42 AR-1268-2

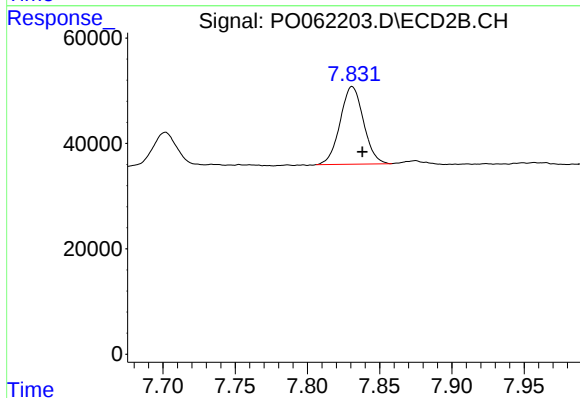
R.T.: 7.341 min
Delta R.T.: -0.009 min
Response: 533096
Conc: 127.60 ng/ml



#44 AR-1268-4

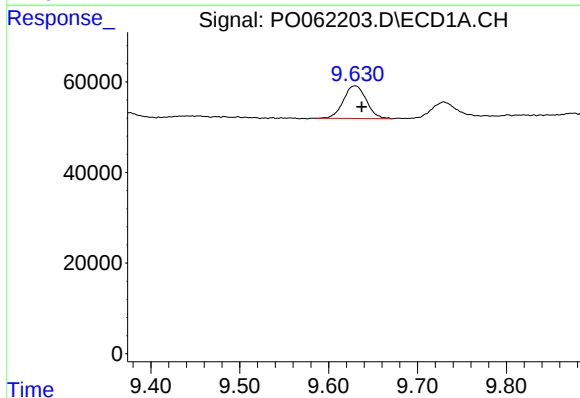
R.T.: 9.238 min
Delta R.T.: -0.008 min
Response: 279589
Conc: 117.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



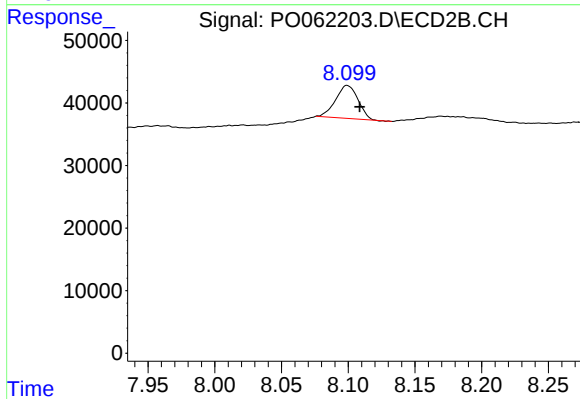
#44 AR-1268-4

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 166105
Conc: 116.58 ng/ml



#45 AR-1268-5

R.T.: 9.630 min
Delta R.T.: -0.008 min
Response: 129267
Conc: 7.17 ng/ml



#45 AR-1268-5

R.T.: 8.099 min
Delta R.T.: -0.009 min
Response: 61395
Conc: 6.63 ng/ml