

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063325.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 23:38
 Operator : HP/AJ
 Sample : PB124414BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB124414BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 02:01:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.315	3.479	1269344	1177356	21.780	21.558
2)	SA Decachlor...	9.930	8.320	1139114	815489	19.578	19.075
Target Compounds							
3)	L1 AR-1016-1	5.475	4.521	496910	388090	227.297	207.147
4)	L1 AR-1016-2	5.497	4.538	742381	700927	236.971	256.982
5)	L1 AR-1016-3	5.558	4.707	448675	312947	239.488	225.486
6)	L1 AR-1016-4	5.656	4.749	364642	250296	230.920	224.105
7)	L1 AR-1016-5	5.946	4.954	359738	312396	236.143	207.363
8)	L2 AR-1221-1	0.000	3.685	0	36472	N.D.	70.537 #
9)	L2 AR-1221-2	0.000	3.767	0	58462	N.D.	151.422 #
10)	L2 AR-1221-3	4.685	3.839	269174	227453	194.823	184.978
11)	L3 AR-1232-1	4.685	3.839	269174	227453	141.066	133.264
12)	L3 AR-1232-2	5.208	4.538	361742	700927	365.429	356.333
13)	L3 AR-1232-3	5.497	4.707	742381	312947	327.834	323.480
14)	L3 AR-1232-4	5.656	4.788	364642	296942	330.164	357.637
15)	L3 AR-1232-5	5.744	4.954	321203	312396	400.570	333.772
16)	L4 AR-1242-1	5.475	4.521	496910	388090	309.794	280.844
17)	L4 AR-1242-2	5.497	4.538	742381	700927	321.989	341.636
18)	L4 AR-1242-3	5.558	4.707	448675	312947	322.921	298.617
19)	L4 AR-1242-4	5.656	4.788	364642	296942	312.099	299.150
20)	L4 AR-1242-5	6.320	5.294	207147	248493	143.923	177.873
21)	L5 AR-1248-1	5.475	4.521	496910	388090	403.029	355.069
22)	L5 AR-1248-2	5.744	4.749	321203	250296	185.427	178.987
23)	L5 AR-1248-3	5.946	4.788	359738	296942	185.568	205.326
24)	L5 AR-1248-4	6.320	4.954	207147	312396	83.226	173.486 #
25)	L5 AR-1248-5	6.320	5.334	207147	35543	88.731	19.227 #
26)	L6 AR-1254-1	6.320	5.294	207147	248493	81.476	82.493
27)	L6 AR-1254-2	6.537	5.438	301346	238969	74.498	88.606
28)	L6 AR-1254-3	6.902	5.844	147629	445643	34.684	103.802 #
29)	L6 AR-1254-4	7.186	6.054	99785	37395	29.480	13.123 #
30)	L6 AR-1254-5	7.602	6.461	909706	825660	274.255	221.496
31)	L7 AR-1260-1	7.064	5.957	668616	611341	215.603	221.352
32)	L7 AR-1260-2	7.319	6.142	836446	882394	207.198	229.977
33)	L7 AR-1260-3	7.676	6.290	583023	707989	181.544	225.644
34)	L7 AR-1260-4	7.901	6.752	581010	516557	182.000	204.019
35)	L7 AR-1260-5	8.212	6.993	1117657	1285794	190.570	210.945
36)	L8 AR-1262-1	7.676	6.552	583023	313407	122.138	172.243 #
37)	L8 AR-1262-2	8.212	6.993	1117657	1285794	160.309	180.410
38)	L8 AR-1262-3	8.526	7.270	717698	261475	155.283	97.560 #
39)	L8 AR-1262-4	8.579	7.332	433067	841279	120.280	183.448 #
40)	L8 AR-1262-5	9.225	7.823	281549	237922	123.015	121.244
41)	L9 AR-1268-1	8.526	7.270	717698	261475	85.696	32.813 #

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 Acq On : 30 Oct 2019 23:38
 Operator : HP/AJ
 Sample : PB124414BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

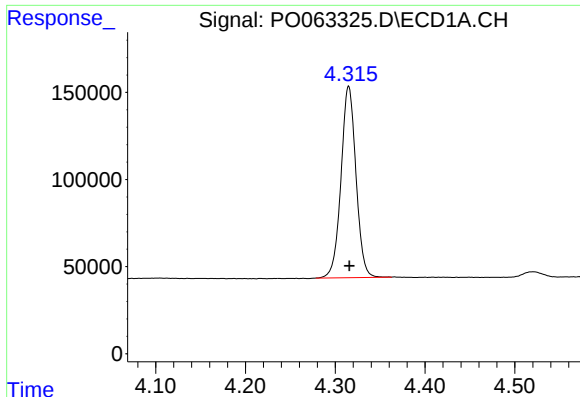
Instrument :
 ECD_O
 ClientSampleId :
 PB124414BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 02:01:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
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 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	8.579	7.332	433067	841279	59.106	127.766 #
43) L9	AR-1268-3	0.000	7.536	0	18492	N.D.	3.309 #
44) L9	AR-1268-4	9.225	7.823	281549	237922	114.390	110.233
45) L9	AR-1268-5	0.000	8.092	0	68811	N.D.	4.596 #

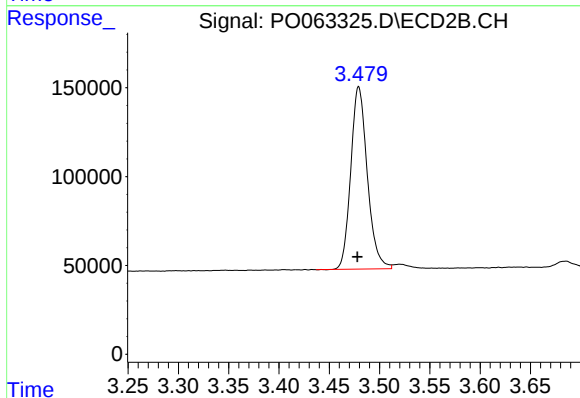
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

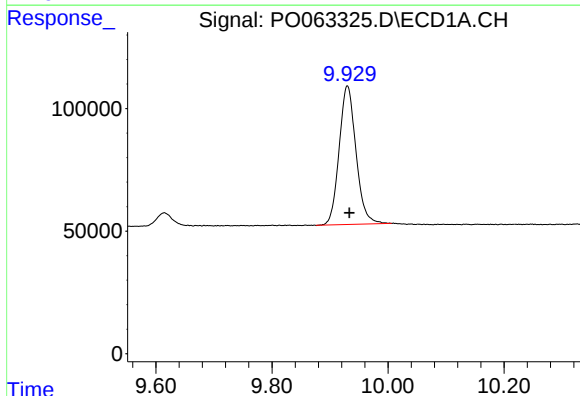
R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 1269344
Conc: 21.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



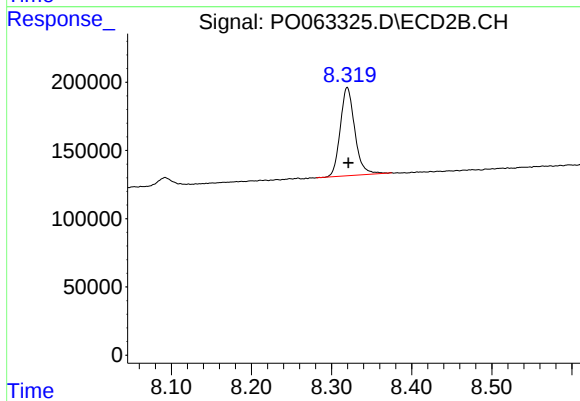
#1 Tetrachloro-m-xylene

R.T.: 3.479 min
Delta R.T.: 0.001 min
Response: 1177356
Conc: 21.56 ng/ml



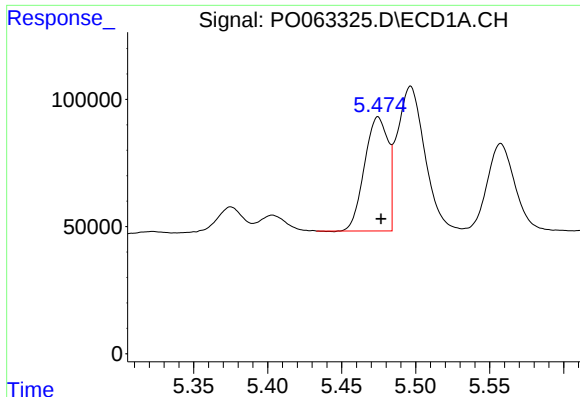
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: -0.004 min
Response: 1139114
Conc: 19.58 ng/ml



#2 Decachlorobiphenyl

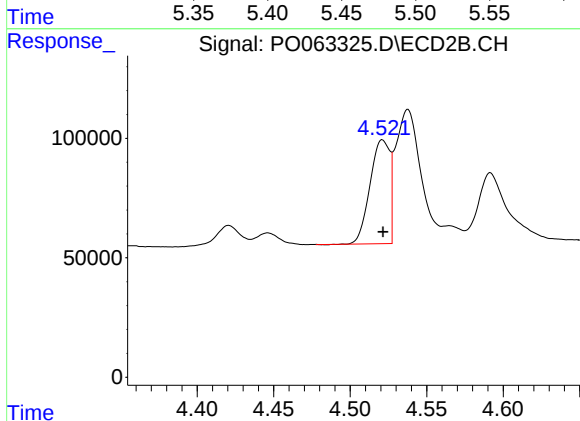
R.T.: 8.320 min
Delta R.T.: -0.001 min
Response: 815489
Conc: 19.07 ng/ml



#3 AR-1016-1

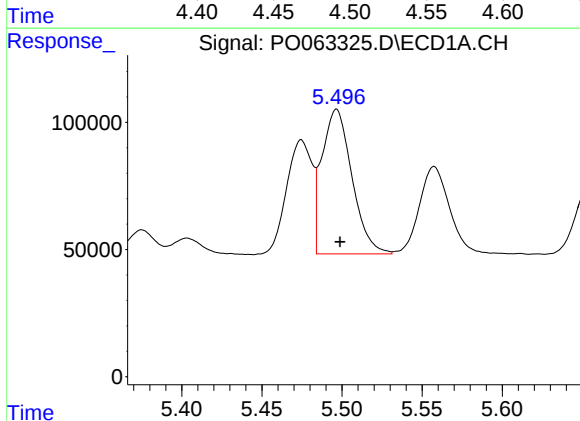
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 496910
Conc: 227.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



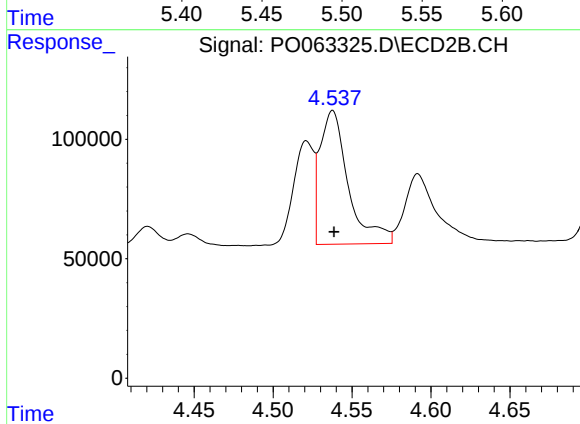
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 388090
Conc: 207.15 ng/ml



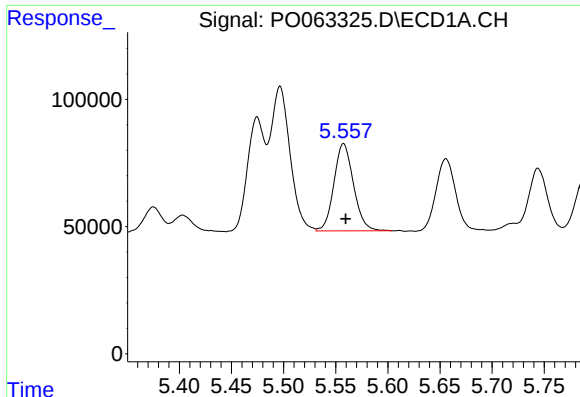
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 742381
Conc: 236.97 ng/ml



#4 AR-1016-2

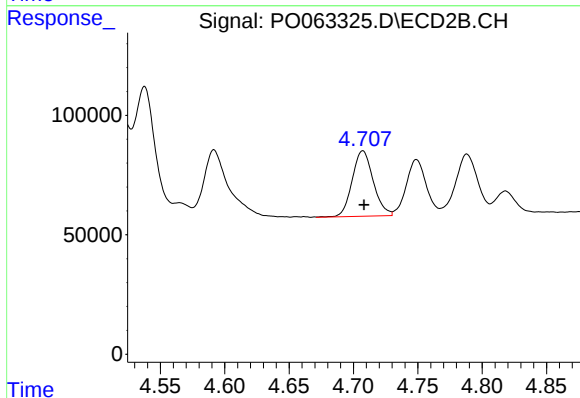
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 700927
Conc: 256.98 ng/ml



#5 AR-1016-3

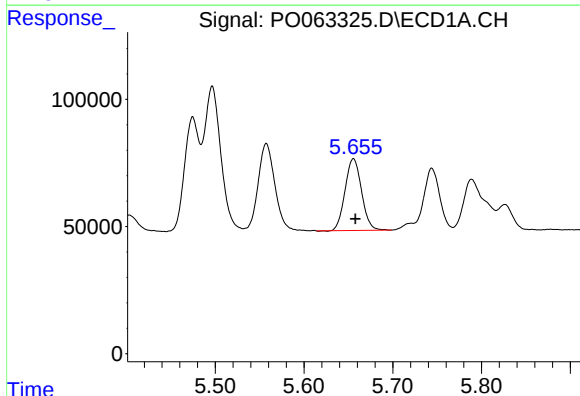
R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 448675
Conc: 239.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



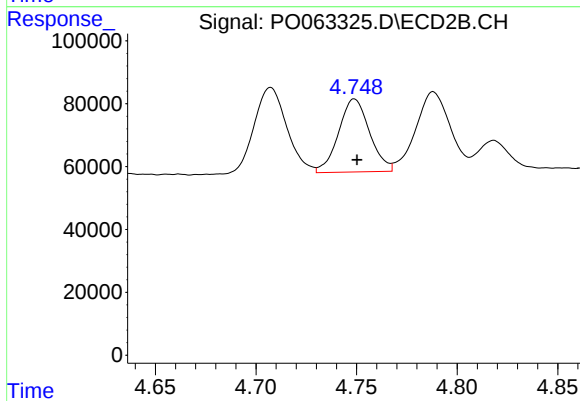
#5 AR-1016-3

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 312947
Conc: 225.49 ng/ml



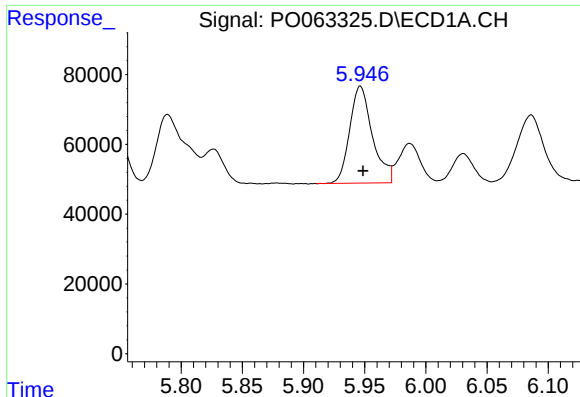
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 364642
Conc: 230.92 ng/ml



#6 AR-1016-4

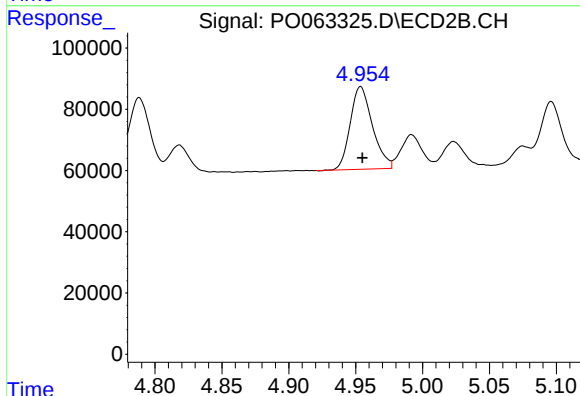
R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 250296
Conc: 224.10 ng/ml



#7 AR-1016-5

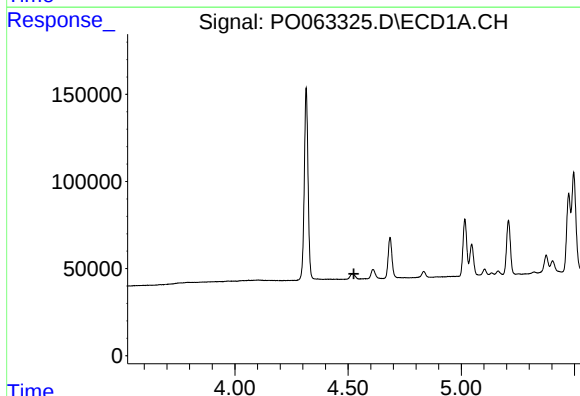
R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 359738
Conc: 236.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



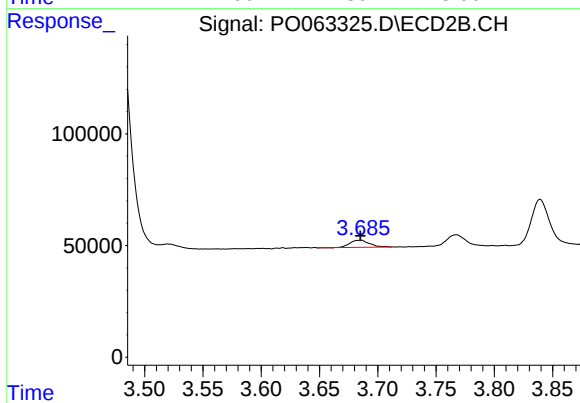
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 312396
Conc: 207.36 ng/ml



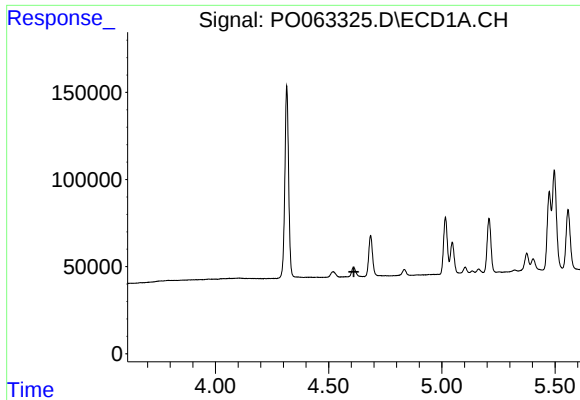
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.526 min
Response: 0
Conc: N.D.



#8 AR-1221-1

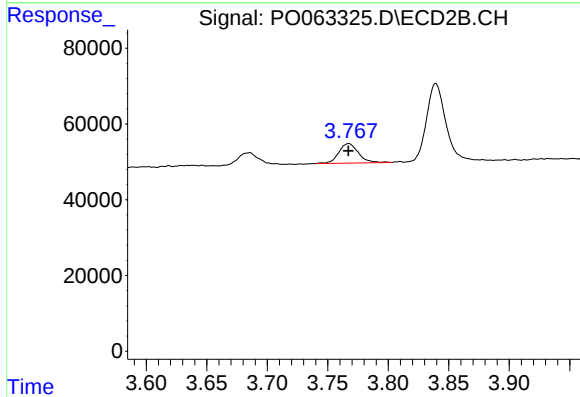
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 36472
Conc: 70.54 ng/ml



#9 AR-1221-2

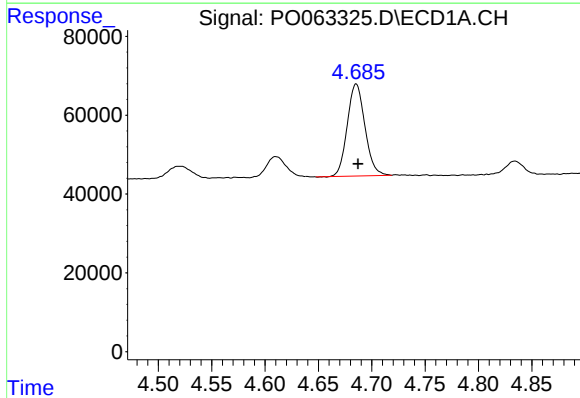
R.T.: 0.000 min
Exp R.T.: 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB124414BS



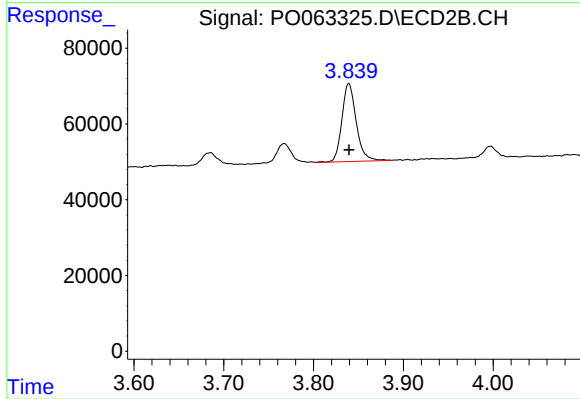
#9 AR-1221-2

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 58462
Conc: 151.42 ng/ml



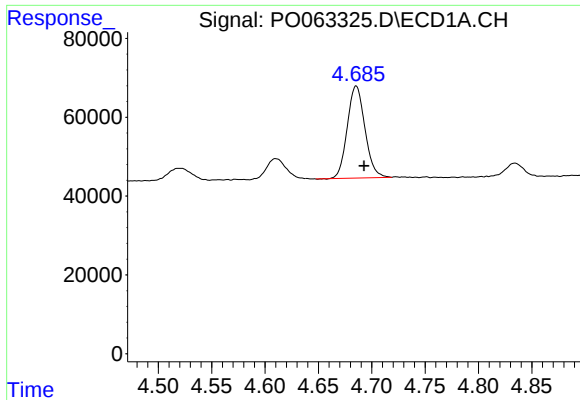
#10 AR-1221-3

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 269174
Conc: 194.82 ng/ml



#10 AR-1221-3

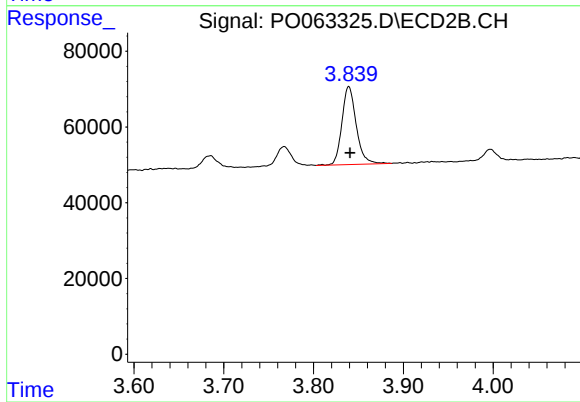
R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 227453
Conc: 184.98 ng/ml



#11 AR-1232-1

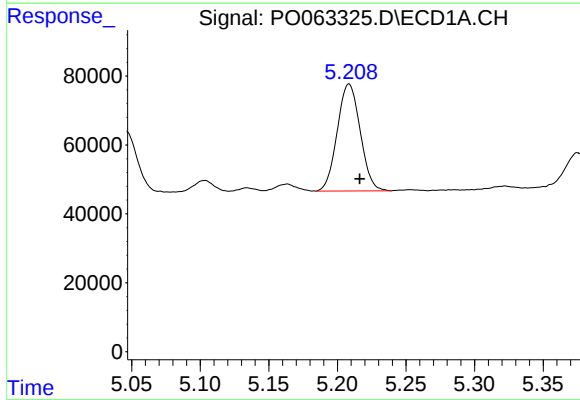
R.T.: 4.685 min
Delta R.T.: -0.007 min
Response: 269174
Conc: 141.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



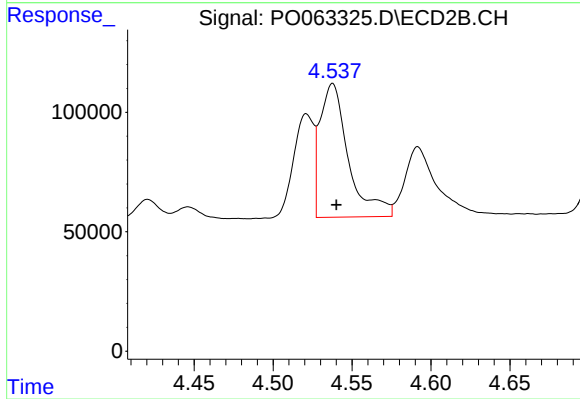
#11 AR-1232-1

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 227453
Conc: 133.26 ng/ml



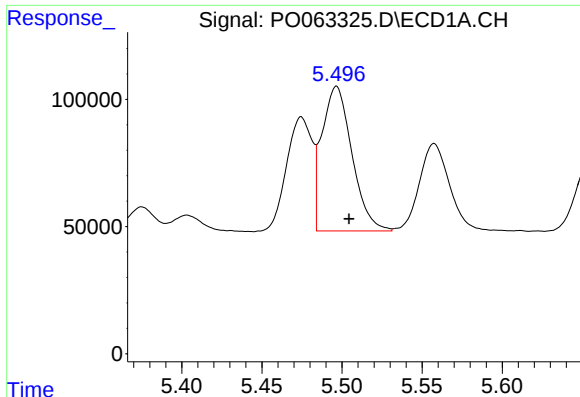
#12 AR-1232-2

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 361742
Conc: 365.43 ng/ml



#12 AR-1232-2

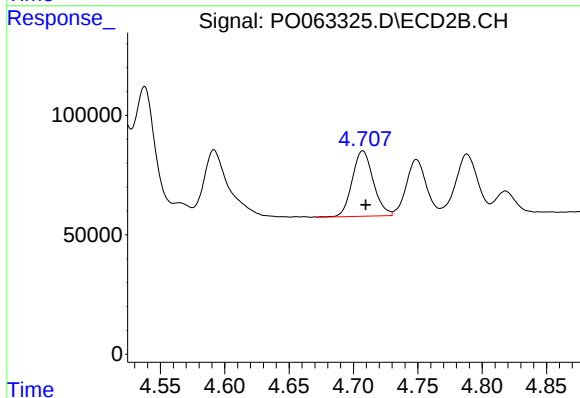
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 700927
Conc: 356.33 ng/ml



#13 AR-1232-3

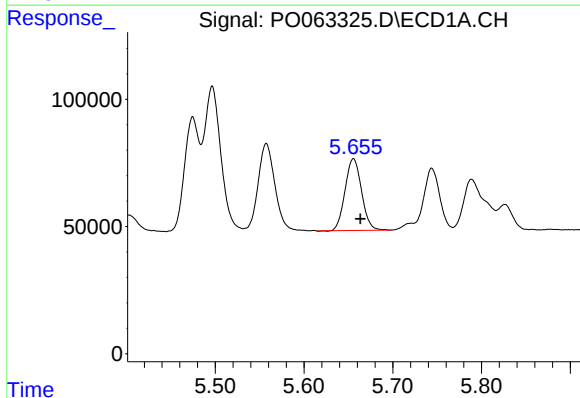
R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 742381
Conc: 327.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



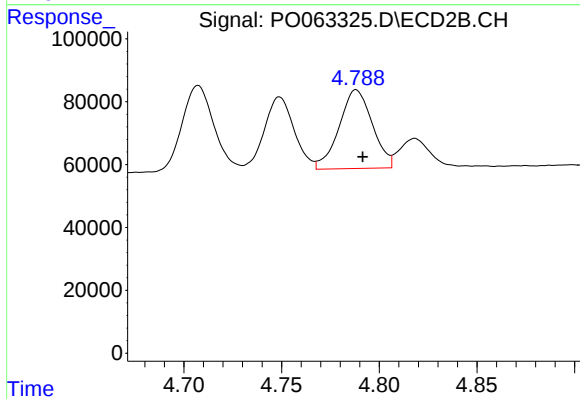
#13 AR-1232-3

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 312947
Conc: 323.48 ng/ml



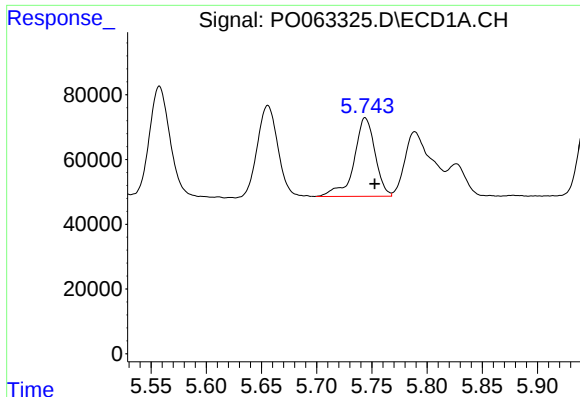
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.008 min
Response: 364642
Conc: 330.16 ng/ml



#14 AR-1232-4

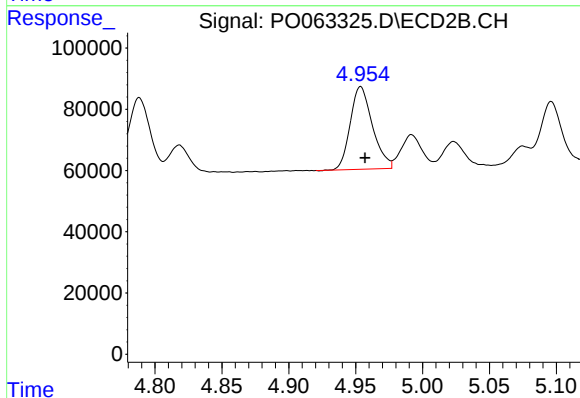
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 296942
Conc: 357.64 ng/ml



#15 AR-1232-5

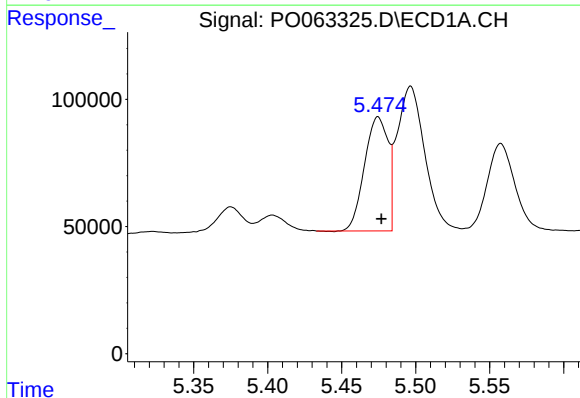
R.T.: 5.744 min
Delta R.T.: -0.009 min
Response: 321203
Conc: 400.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



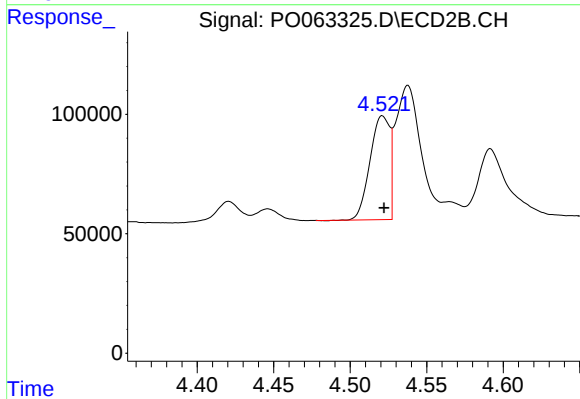
#15 AR-1232-5

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 312396
Conc: 333.77 ng/ml



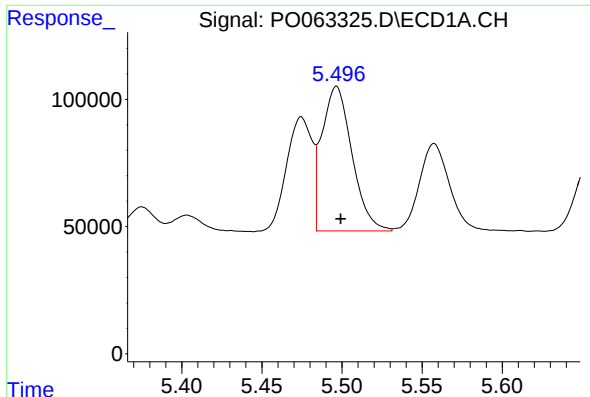
#16 AR-1242-1

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 496910
Conc: 309.79 ng/ml



#16 AR-1242-1

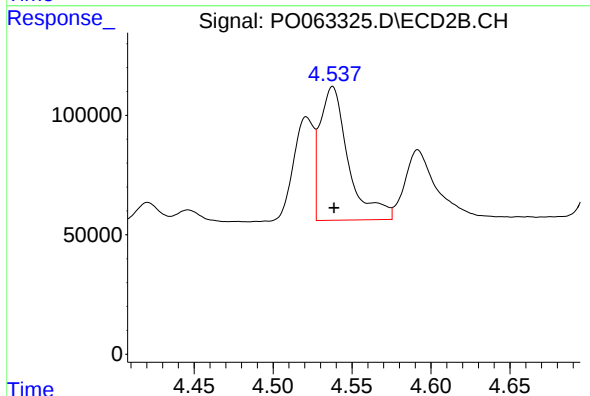
R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 388090
Conc: 280.84 ng/ml



#17 AR-1242-2

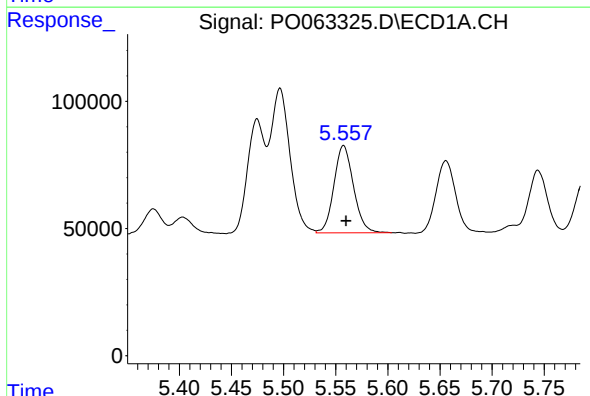
R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 742381
Conc: 321.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



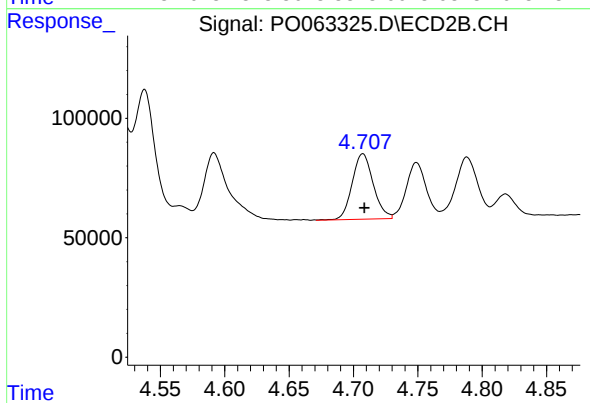
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 700927
Conc: 341.64 ng/ml



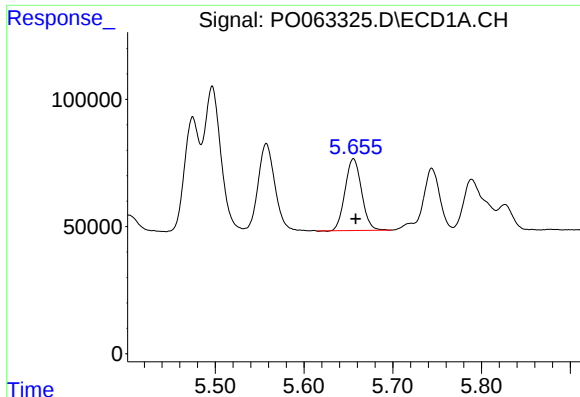
#18 AR-1242-3

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 448675
Conc: 322.92 ng/ml



#18 AR-1242-3

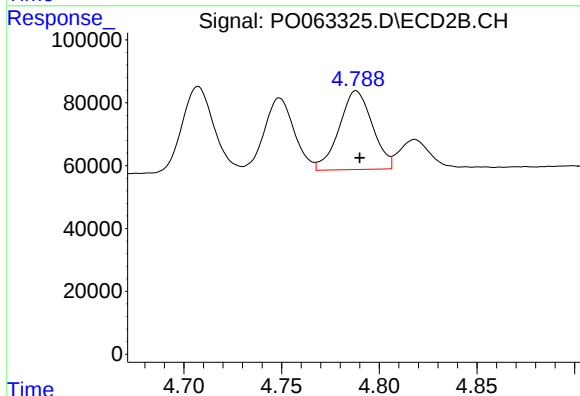
R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 312947
Conc: 298.62 ng/ml



#19 AR-1242-4

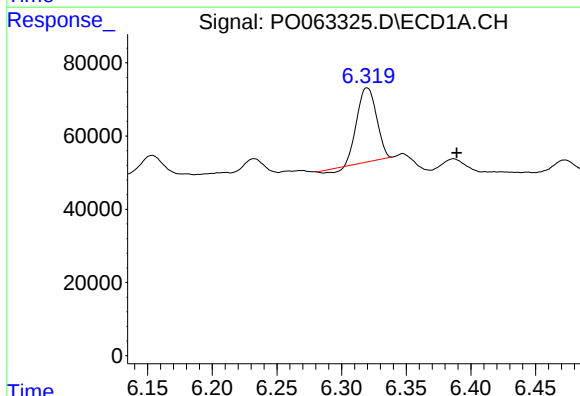
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 364642
Conc: 312.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



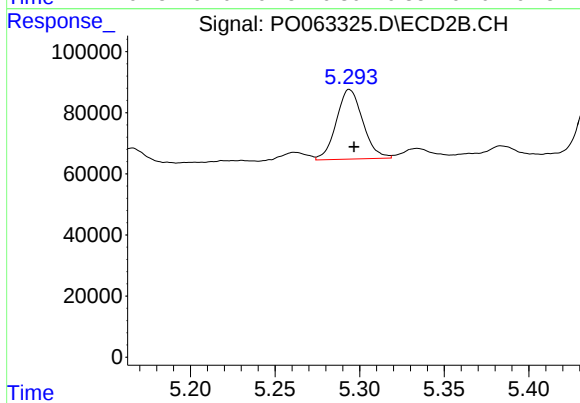
#19 AR-1242-4

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 296942
Conc: 299.15 ng/ml



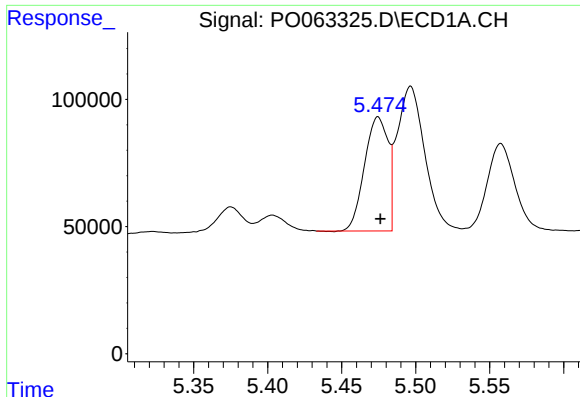
#20 AR-1242-5

R.T.: 6.320 min
Delta R.T.: -0.069 min
Response: 207147
Conc: 143.92 ng/ml



#20 AR-1242-5

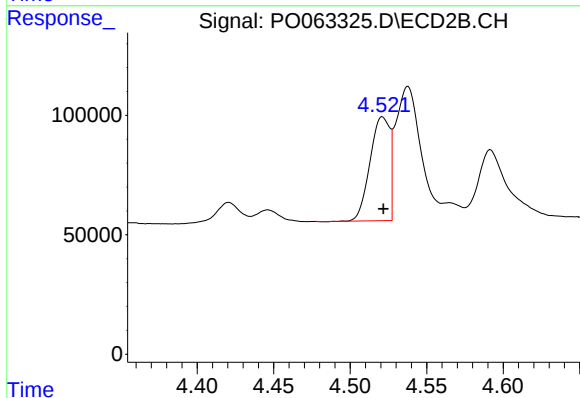
R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 248493
Conc: 177.87 ng/ml



#21 AR-1248-1

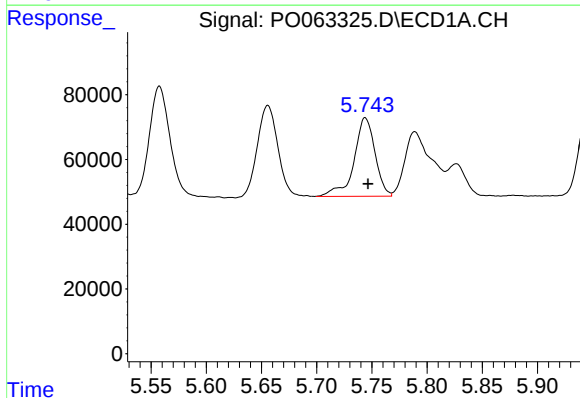
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 496910
Conc: 403.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



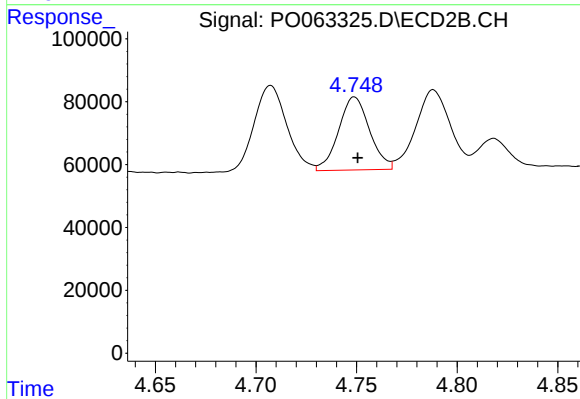
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 388090
Conc: 355.07 ng/ml



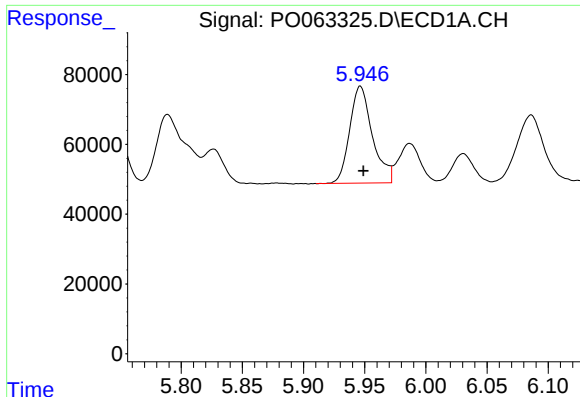
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 321203
Conc: 185.43 ng/ml



#22 AR-1248-2

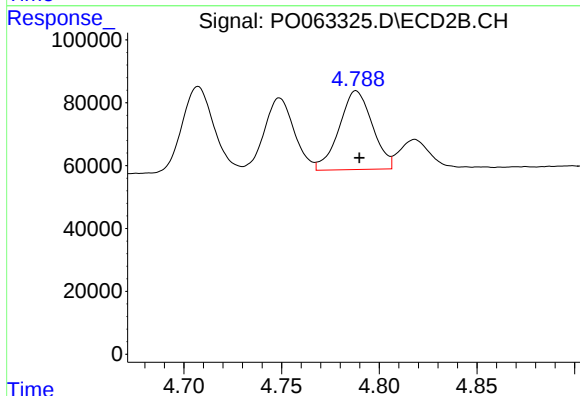
R.T.: 4.749 min
Delta R.T.: -0.002 min
Response: 250296
Conc: 178.99 ng/ml



#23 AR-1248-3

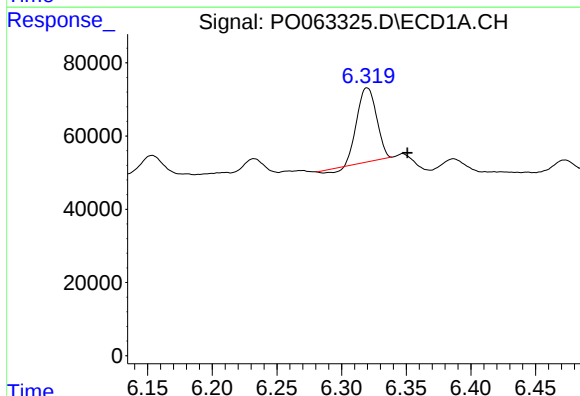
R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 359738
Conc: 185.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



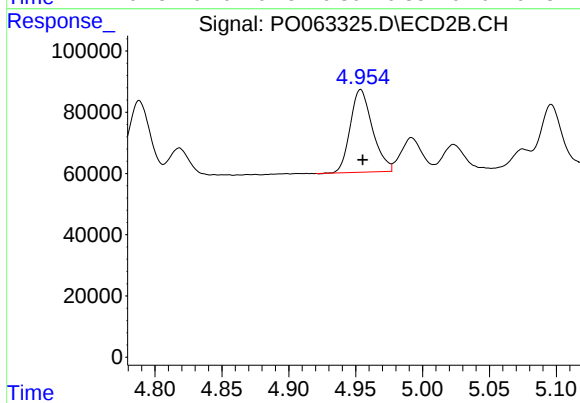
#23 AR-1248-3

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 296942
Conc: 205.33 ng/ml



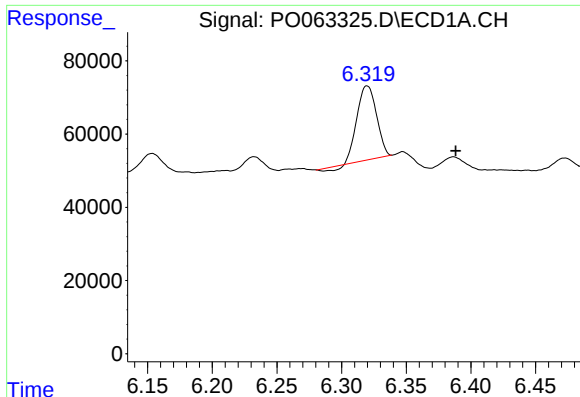
#24 AR-1248-4

R.T.: 6.320 min
Delta R.T.: -0.031 min
Response: 207147
Conc: 83.23 ng/ml



#24 AR-1248-4

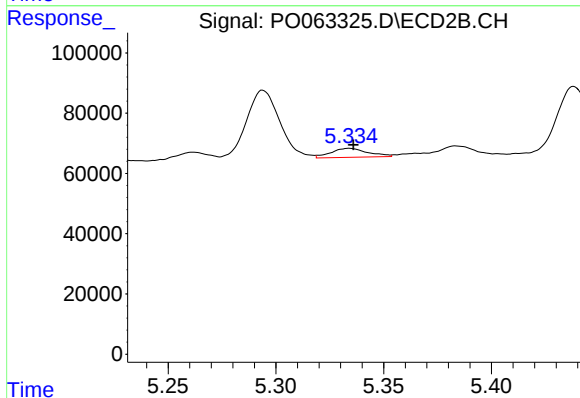
R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 312396
Conc: 173.49 ng/ml



#25 AR-1248-5

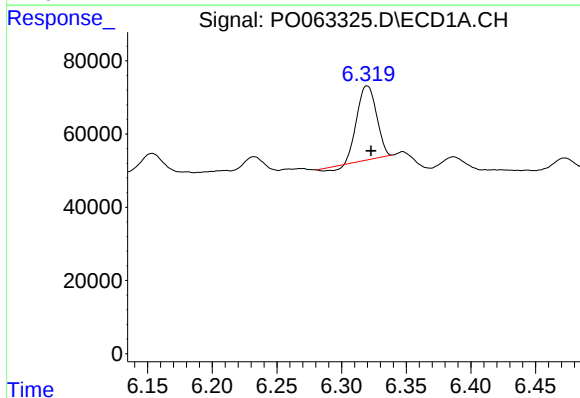
R.T.: 6.320 min
Delta R.T.: -0.068 min
Response: 207147
Conc: 88.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



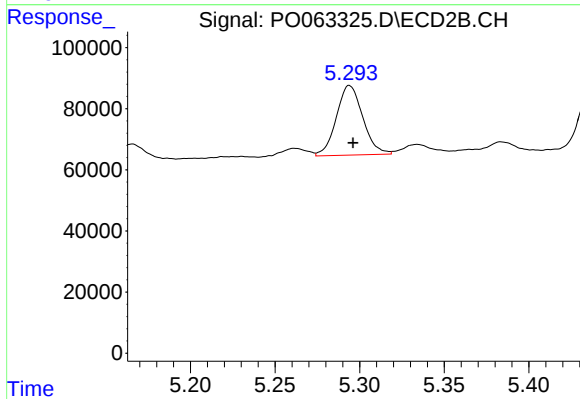
#25 AR-1248-5

R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 35543
Conc: 19.23 ng/ml



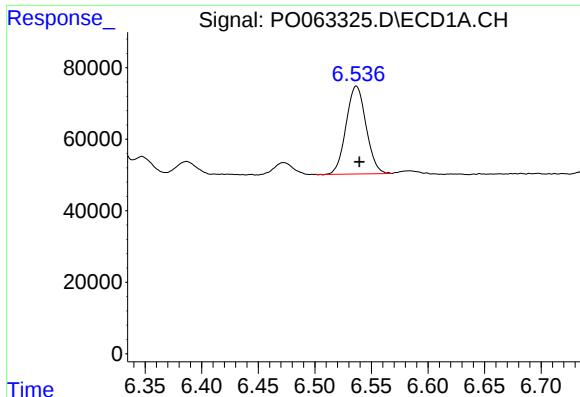
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 207147
Conc: 81.48 ng/ml



#26 AR-1254-1

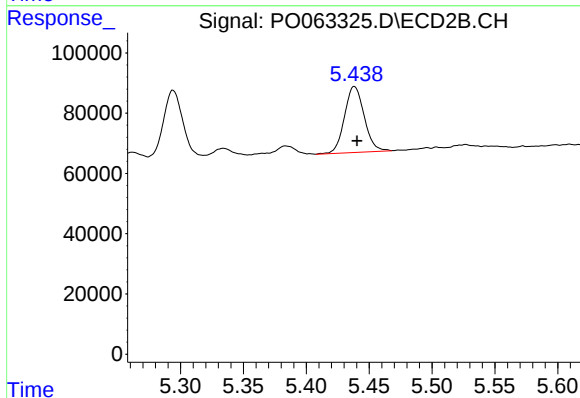
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 248493
Conc: 82.49 ng/ml



#27 AR-1254-2

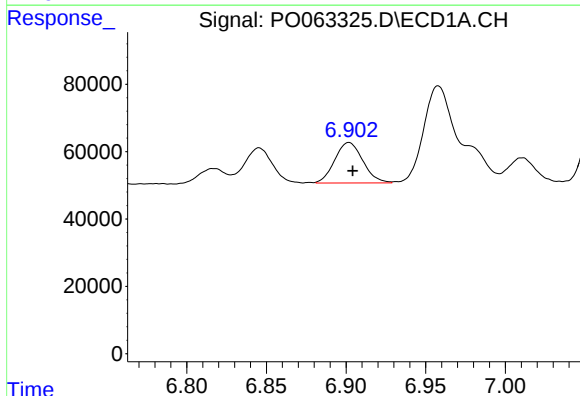
R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 301346
Conc: 74.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



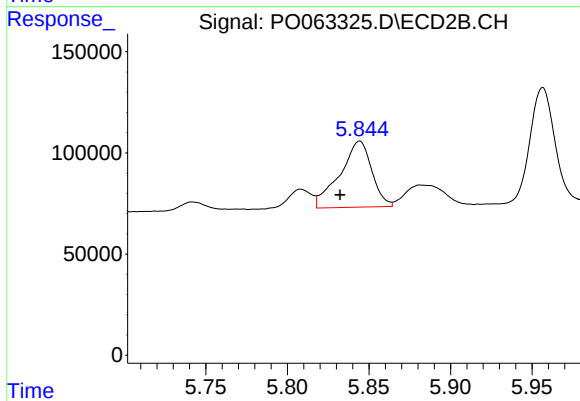
#27 AR-1254-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 238969
Conc: 88.61 ng/ml



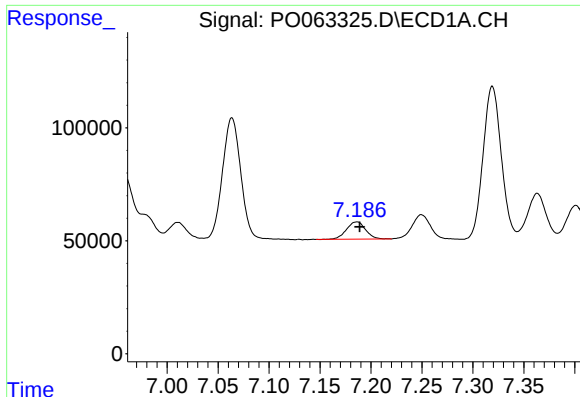
#28 AR-1254-3

R.T.: 6.902 min
Delta R.T.: -0.002 min
Response: 147629
Conc: 34.68 ng/ml



#28 AR-1254-3

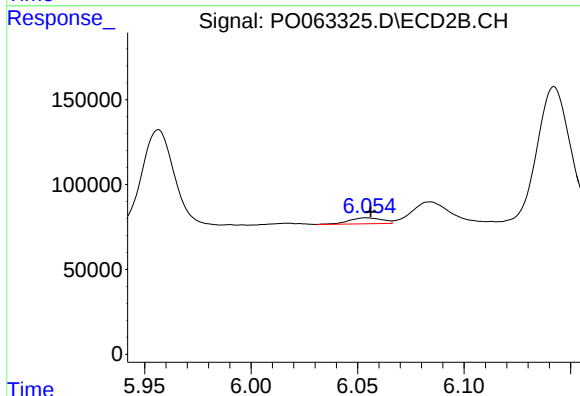
R.T.: 5.844 min
Delta R.T.: 0.012 min
Response: 445643
Conc: 103.80 ng/ml



#29 AR-1254-4

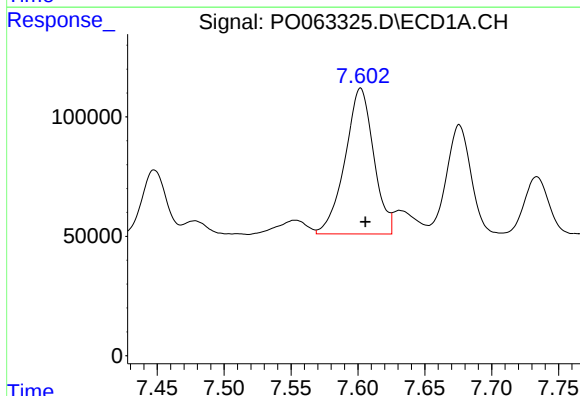
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 99785
Conc: 29.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



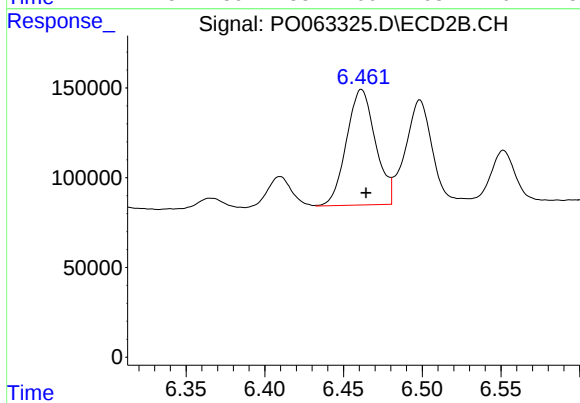
#29 AR-1254-4

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 37395
Conc: 13.12 ng/ml



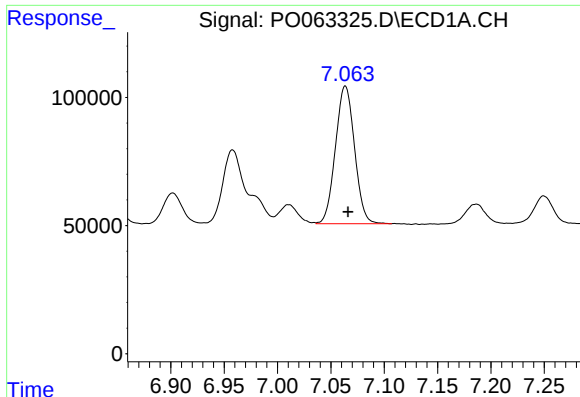
#30 AR-1254-5

R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 909706
Conc: 274.25 ng/ml



#30 AR-1254-5

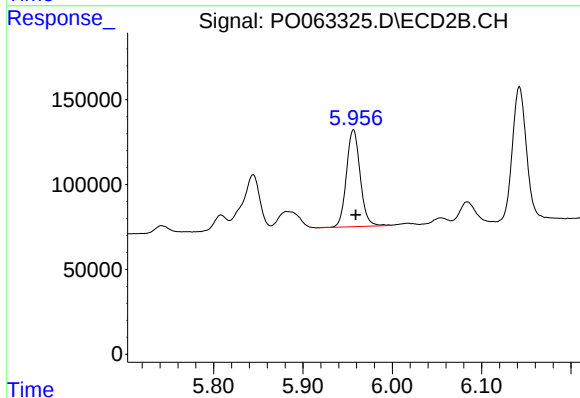
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 825660
Conc: 221.50 ng/ml



#31 AR-1260-1

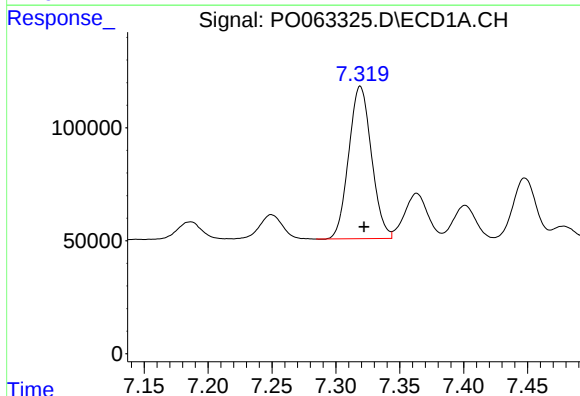
R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 668616
Conc: 215.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



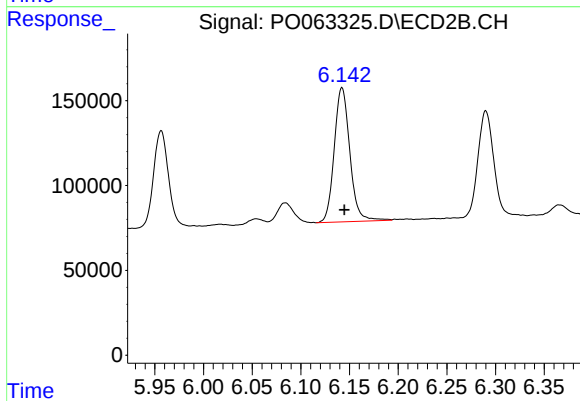
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 611341
Conc: 221.35 ng/ml



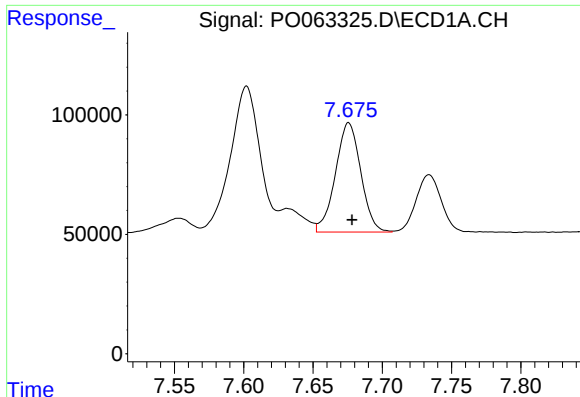
#32 AR-1260-2

R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 836446
Conc: 207.20 ng/ml



#32 AR-1260-2

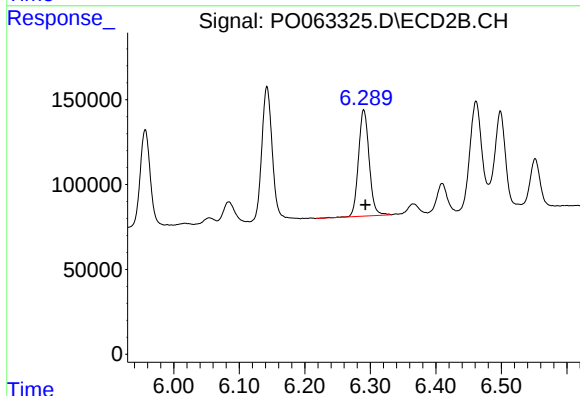
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 882394
Conc: 229.98 ng/ml



#33 AR-1260-3

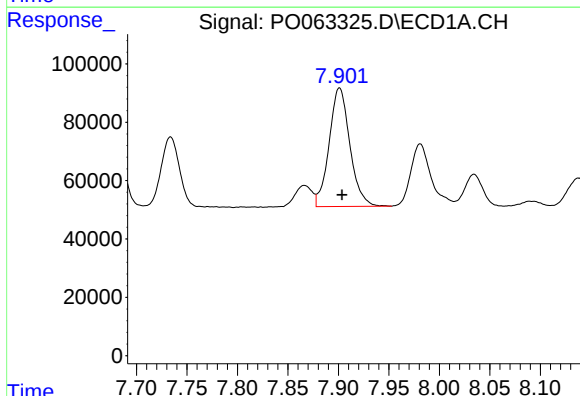
R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 583023
Conc: 181.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



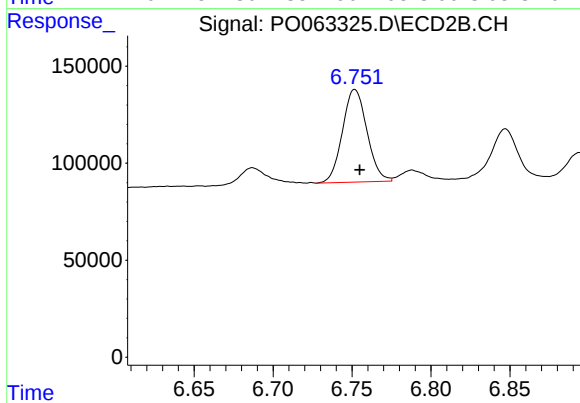
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 707989
Conc: 225.64 ng/ml



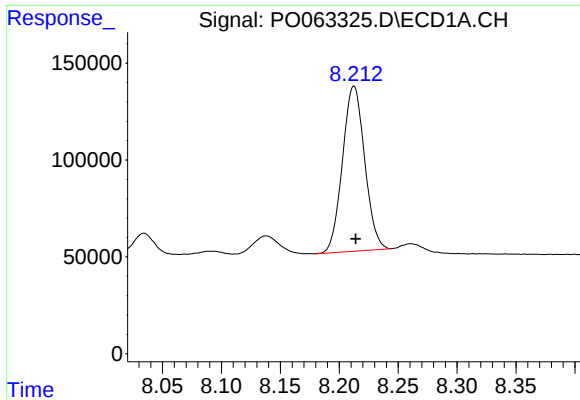
#34 AR-1260-4

R.T.: 7.901 min
Delta R.T.: -0.003 min
Response: 581010
Conc: 182.00 ng/ml



#34 AR-1260-4

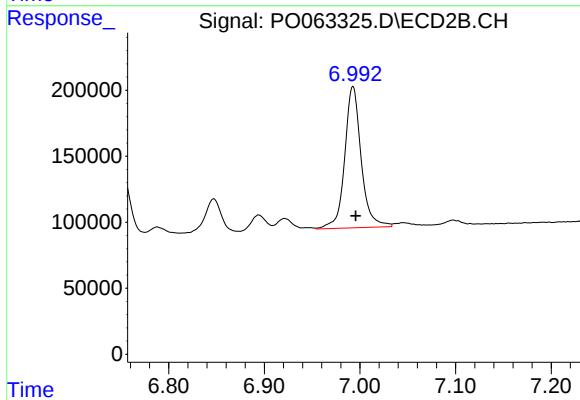
R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 516557
Conc: 204.02 ng/ml



#35 AR-1260-5

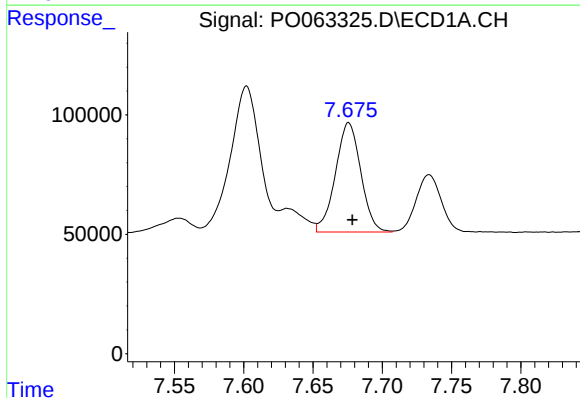
R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 1117657
Conc: 190.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



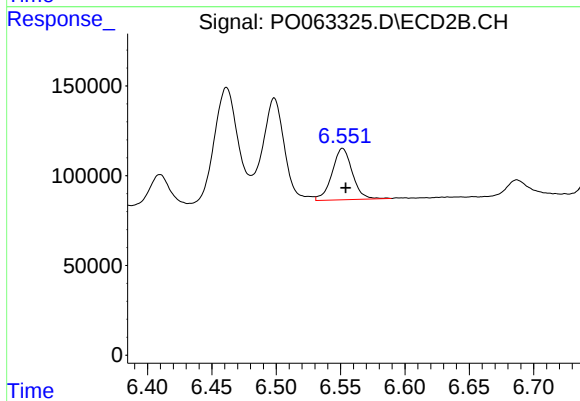
#35 AR-1260-5

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 1285794
Conc: 210.94 ng/ml



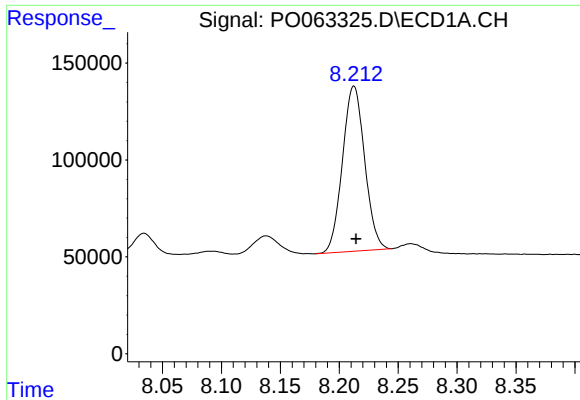
#36 AR-1262-1

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 583023
Conc: 122.14 ng/ml



#36 AR-1262-1

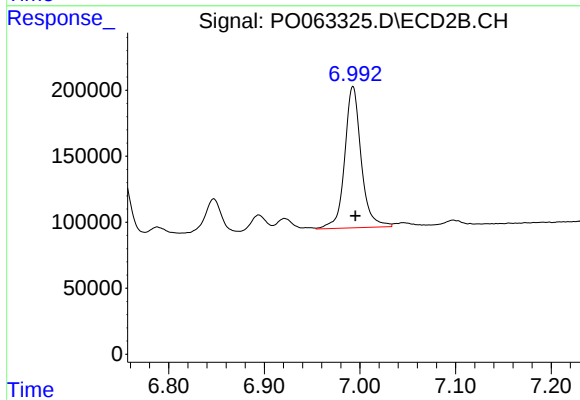
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 313407
Conc: 172.24 ng/ml



#37 AR-1262-2

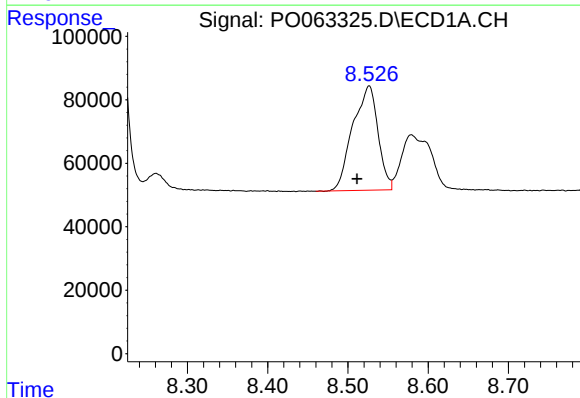
R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 1117657
Conc: 160.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



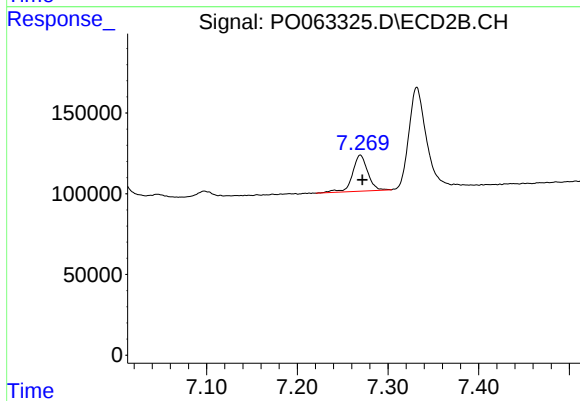
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 1285794
Conc: 180.41 ng/ml



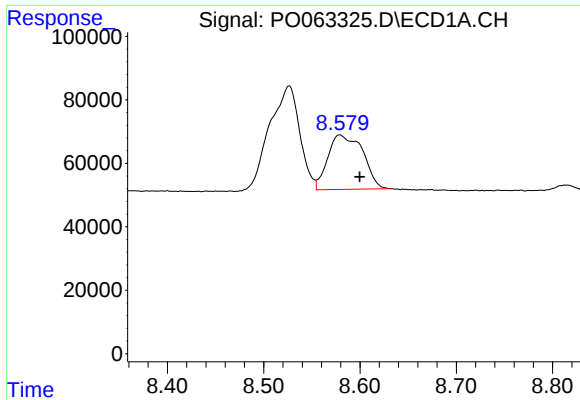
#38 AR-1262-3

R.T.: 8.526 min
Delta R.T.: 0.015 min
Response: 717698
Conc: 155.28 ng/ml



#38 AR-1262-3

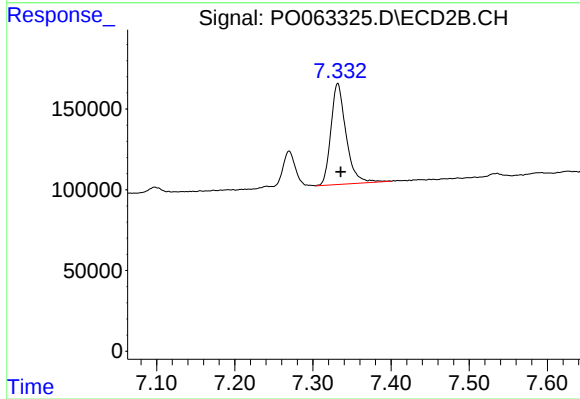
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 261475
Conc: 97.56 ng/ml



#39 AR-1262-4

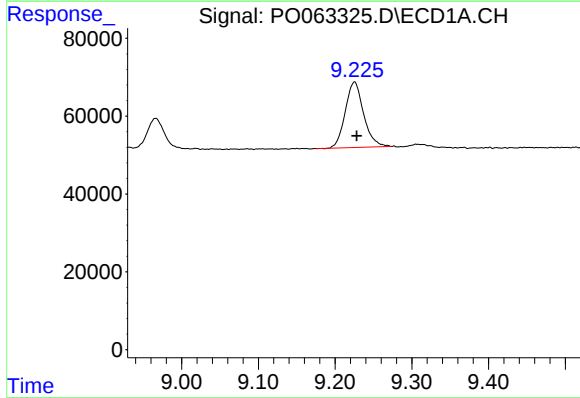
R.T.: 8.579 min
Delta R.T.: -0.021 min
Response: 433067
Conc: 120.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



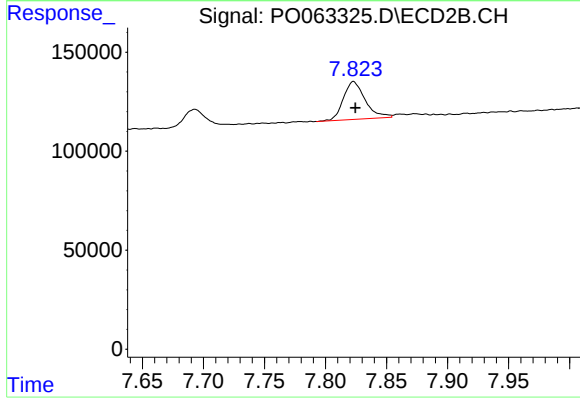
#39 AR-1262-4

R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 841279
Conc: 183.45 ng/ml



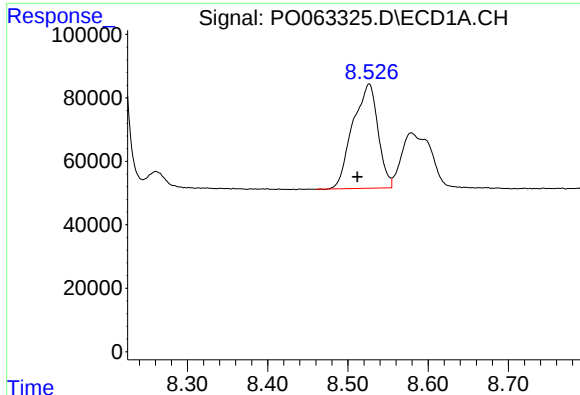
#40 AR-1262-5

R.T.: 9.225 min
Delta R.T.: -0.003 min
Response: 281549
Conc: 123.01 ng/ml



#40 AR-1262-5

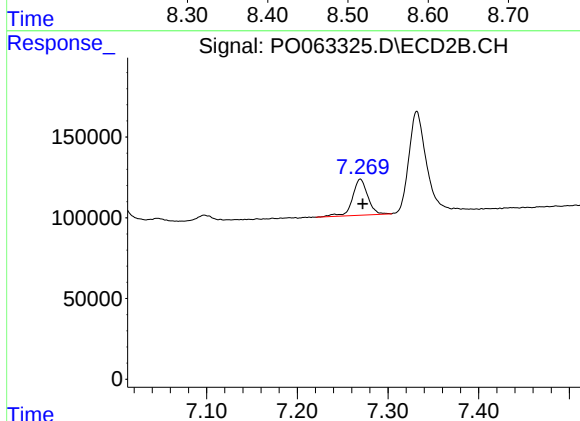
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 237922
Conc: 121.24 ng/ml



#41 AR-1268-1

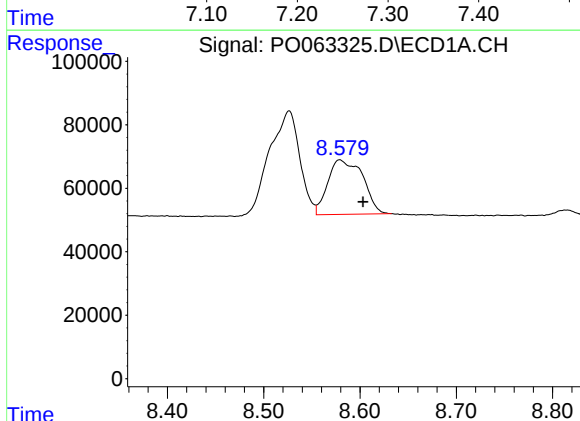
R.T.: 8.526 min
Delta R.T.: 0.014 min
Response: 717698
Conc: 85.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124414BS



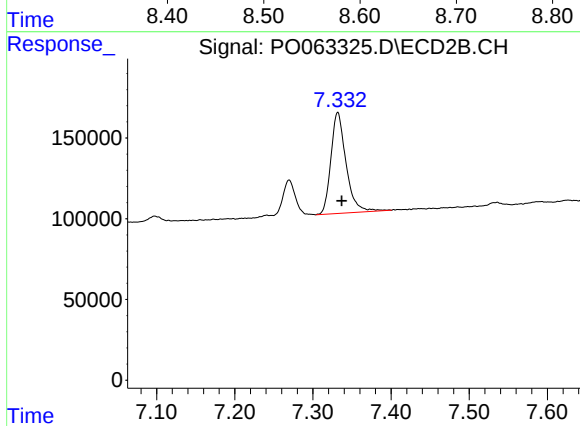
#41 AR-1268-1

R.T.: 7.270 min
Delta R.T.: -0.003 min
Response: 261475
Conc: 32.81 ng/ml



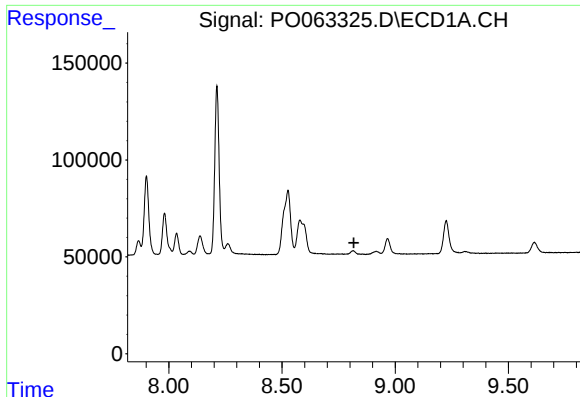
#42 AR-1268-2

R.T.: 8.579 min
Delta R.T.: -0.024 min
Response: 433067
Conc: 59.11 ng/ml



#42 AR-1268-2

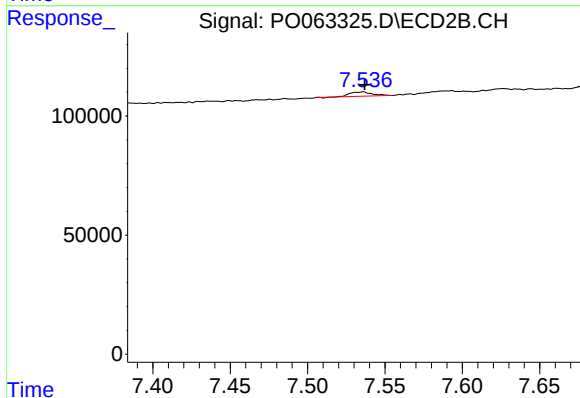
R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 841279
Conc: 127.77 ng/ml



#43 AR-1268-3

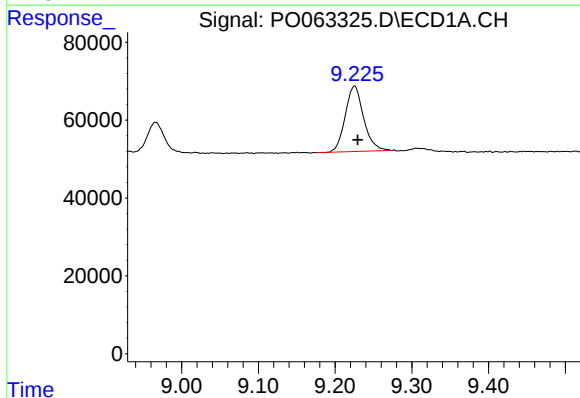
R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB124414BS



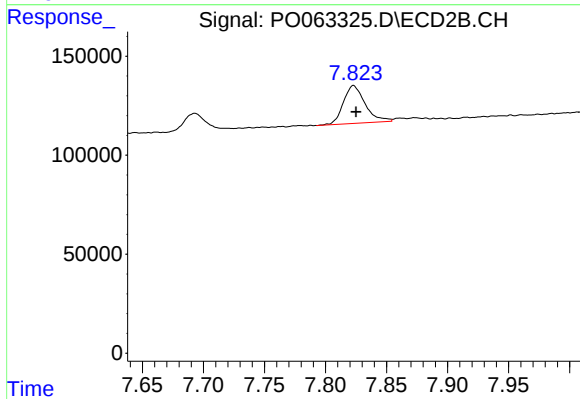
#43 AR-1268-3

R.T.: 7.536 min
Delta R.T.: -0.001 min
Response: 18492
Conc: 3.31 ng/ml



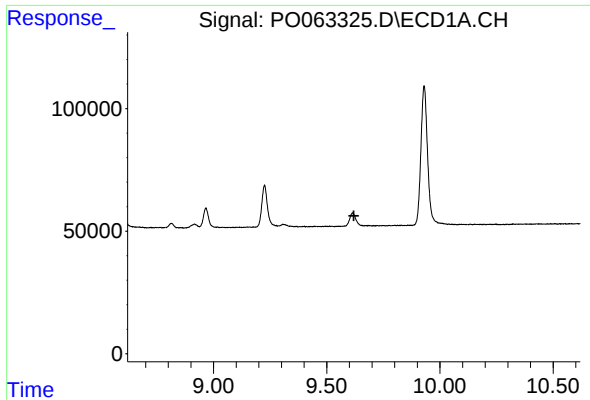
#44 AR-1268-4

R.T.: 9.225 min
Delta R.T.: -0.005 min
Response: 281549
Conc: 114.39 ng/ml



#44 AR-1268-4

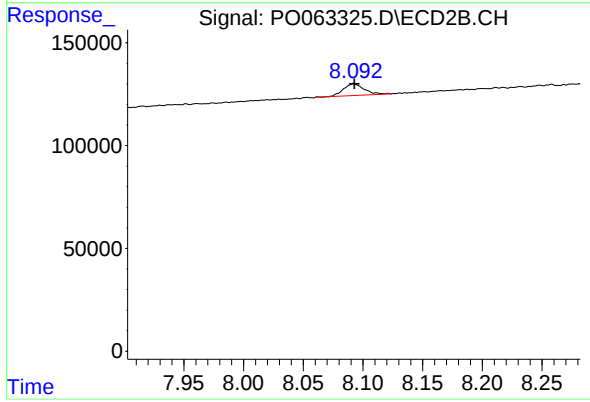
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 237922
Conc: 110.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB124414BS



#45 AR-1268-5

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 68811
Conc: 4.60 ng/ml