

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111419\
 Data File : PO063712.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Nov 2019 21:16
 Operator : SM/AJ
 Sample : PB124783BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB124783BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 01:36:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 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	3.570	842480	616649	27.554	27.763
2)	SA Decachlor...	9.936	8.540	1084923	779645	26.699	26.657
Target Compounds							
3)	L1 AR-1016-1	5.476	4.648	93363	67987	67.225	66.344
4)	L1 AR-1016-2	5.497	4.666	133431	84508	67.982	62.026
5)	L1 AR-1016-3	5.560	4.841	103577	70974	82.916	95.315
6)	L1 AR-1016-4	5.658	4.883	99621	40564	96.859	65.109 #
7)	L1 AR-1016-5	5.948	5.094	78128	55364	73.423	69.708
8)	L2 AR-1221-1	0.000	3.762	0	8223	N.D.	30.269 #
9)	L2 AR-1221-2	4.613	3.867	25236	16974	80.456	80.724
10)	L2 AR-1221-3	4.686	3.943	50677	36653	53.431	54.985
11)	L3 AR-1232-1	4.686	3.943	50677	36653	38.101	38.884
12)	L3 AR-1232-2	5.209	4.666	75090	84508	105.297	83.864
13)	L3 AR-1232-3	5.497	4.841	133431	70974	93.258	134.092 #
14)	L3 AR-1232-4	5.658	4.923	99621	49762	134.194	105.990
15)	L3 AR-1232-5	5.746	5.094	77746	55364	132.630	107.398
16)	L4 AR-1242-1	5.476	4.648	93363	67987	88.243	86.187
17)	L4 AR-1242-2	5.497	4.666	133431	84508	88.958	79.829
18)	L4 AR-1242-3	5.560	4.841	103577	70974	108.384	123.878
19)	L4 AR-1242-4	5.658	4.923	99621	49762	126.845	87.156 #
20)	L4 AR-1242-5	6.349	5.444	17173	41954	16.526	53.901 #
21)	L5 AR-1248-1	5.476	4.648	93363	67987	106.905	105.506
22)	L5 AR-1248-2	5.746	4.883	77746	40564	61.360	47.064
23)	L5 AR-1248-3	5.948	4.923	78128	49762	54.767	56.244
24)	L5 AR-1248-4	6.349	5.094	17173	55364	9.921	51.427 #
25)	L5 AR-1248-5	6.349	5.486	17173	11392	10.182	10.214
26)	L6 AR-1254-1	6.324	5.444	68157	41954	39.013	23.679 #
27)	L6 AR-1254-2	6.540	5.590	68154	43255	24.448	27.432
28)	L6 AR-1254-3	6.906	6.007	47865	77141	15.247	28.769 #
29)	L6 AR-1254-4	7.189	6.219	28540	15117	11.543	8.525 #
30)	L6 AR-1254-5	7.606	6.635	238431	173786	87.963	69.550
31)	L7 AR-1260-1	7.068	6.121	177653	122653	88.030	78.103
32)	L7 AR-1260-2	7.325	6.308	198622	154157	78.838	78.367
33)	L7 AR-1260-3	7.681	6.462	132498	156802	65.394	87.919 #
34)	L7 AR-1260-4	7.905	6.932	166605	101139	69.959	64.238
35)	L7 AR-1260-5	8.216	7.172	306222	240367	65.233	61.999
36)	L8 AR-1262-1	7.681	6.726	132498	60220	41.155	57.598 #
37)	L8 AR-1262-2	8.216	7.172	306222	240367	51.978	50.676
38)	L8 AR-1262-3	8.529	7.455	194653	44604	47.505	23.798 #
39)	L8 AR-1262-4	8.583	7.518	106290	184438	33.987	52.242 #
40)	L8 AR-1262-5	9.227	8.011	88060	51949	40.425	34.024
41)	L9 AR-1268-1	8.529	7.455	194653	44604	28.795	8.355 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111419\
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 Acq On : 14 Nov 2019 21:16
 Operator : SM/AJ
 Sample : PB124783BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

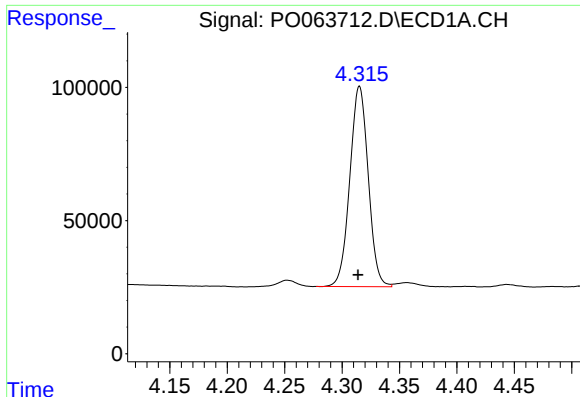
Instrument :
 ECD_O
 ClientSampleId :
 PB124783BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 01:36:57 2019
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 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	8.583	7.518	106290	184438	16.939	37.010 #
43) L9	AR-1268-3	8.751	7.726	51420	10197	9.905	2.569 #
44) L9	AR-1268-4	9.227	8.011	88060	51949	36.227	30.667
45) L9	AR-1268-5	9.616	8.292	34082	23449	2.216	1.983

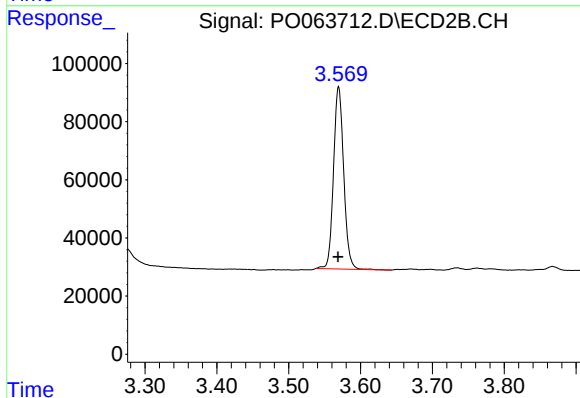
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

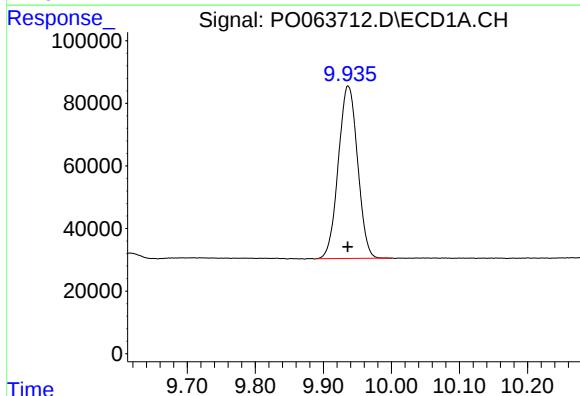
R.T.: 4.315 min
Delta R.T.: 0.001 min
Response: 842480
Conc: 27.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



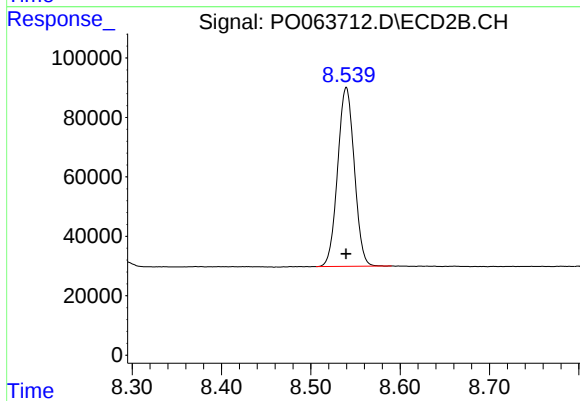
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 616649
Conc: 27.76 ng/ml



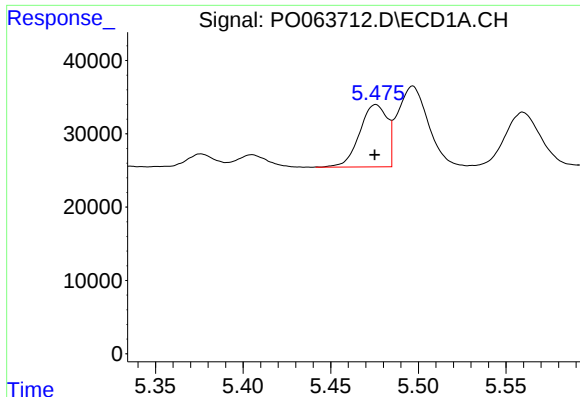
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.000 min
Response: 1084923
Conc: 26.70 ng/ml



#2 Decachlorobiphenyl

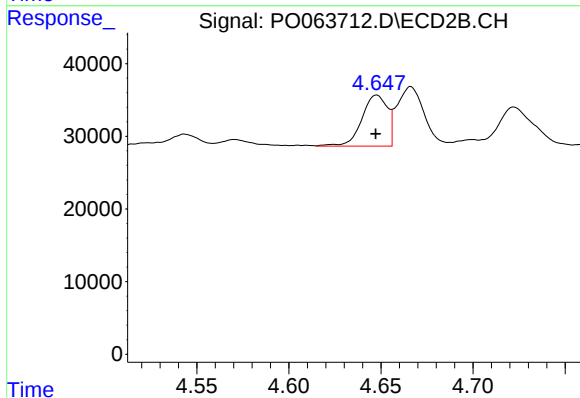
R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 779645
Conc: 26.66 ng/ml



#3 AR-1016-1

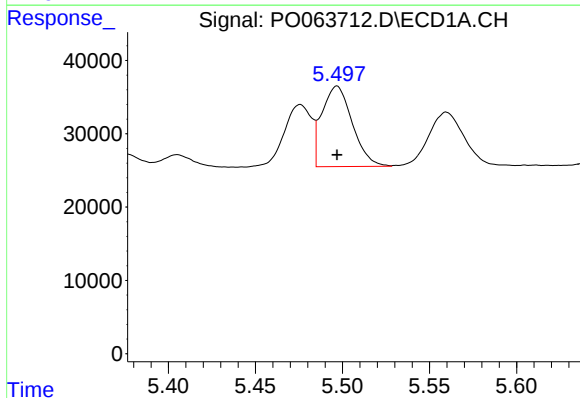
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 93363
Conc: 67.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



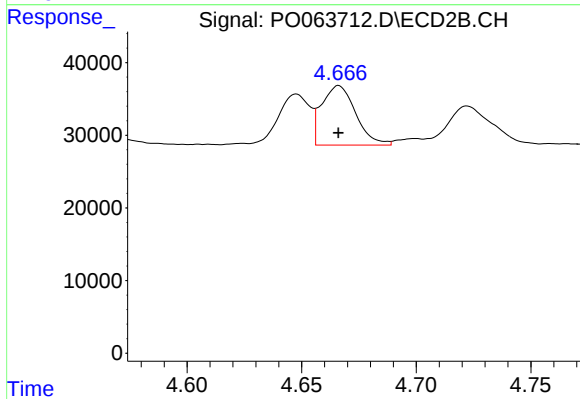
#3 AR-1016-1

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 67987
Conc: 66.34 ng/ml



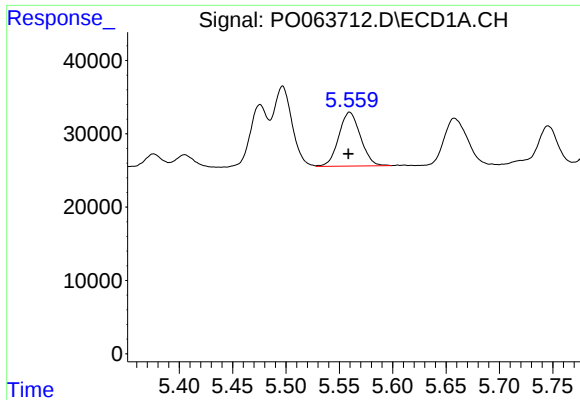
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 133431
Conc: 67.98 ng/ml



#4 AR-1016-2

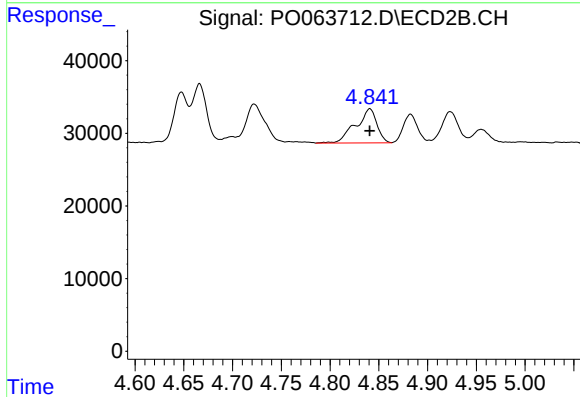
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 84508
Conc: 62.03 ng/ml



#5 AR-1016-3

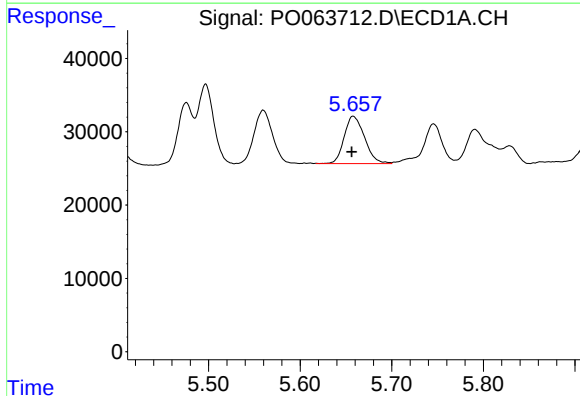
R.T.: 5.560 min
Delta R.T.: 0.001 min
Response: 103577
Conc: 82.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



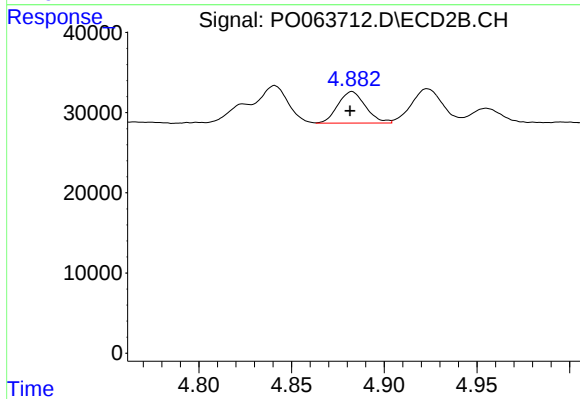
#5 AR-1016-3

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 70974
Conc: 95.31 ng/ml



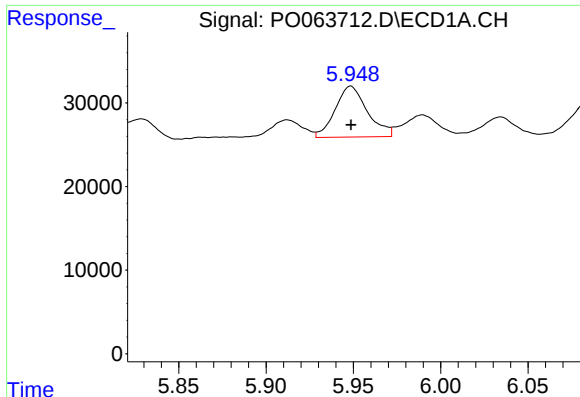
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 99621
Conc: 96.86 ng/ml



#6 AR-1016-4

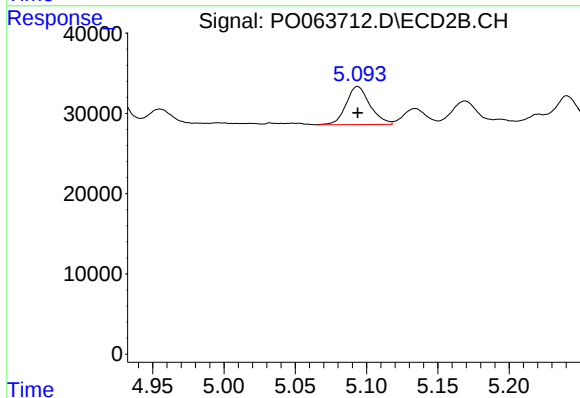
R.T.: 4.883 min
Delta R.T.: 0.001 min
Response: 40564
Conc: 65.11 ng/ml



#7 AR-1016-5

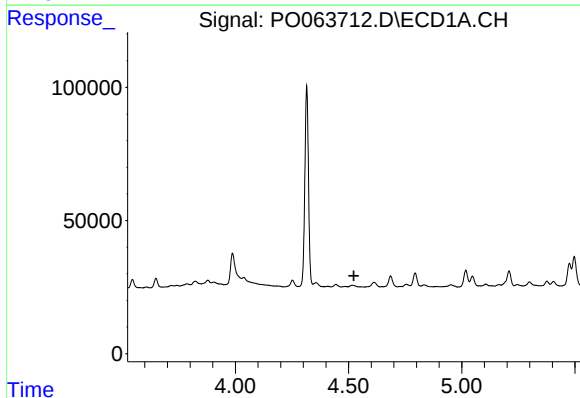
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 78128
Conc: 73.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



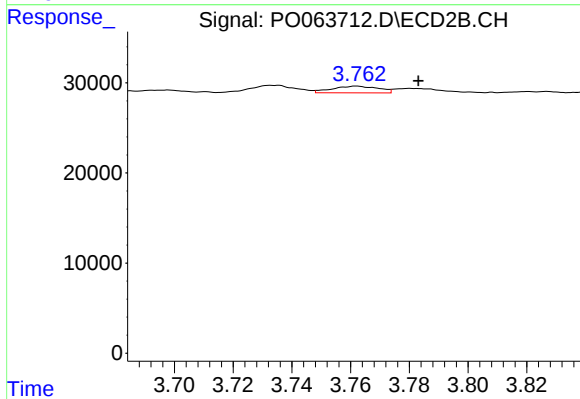
#7 AR-1016-5

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 55364
Conc: 69.71 ng/ml



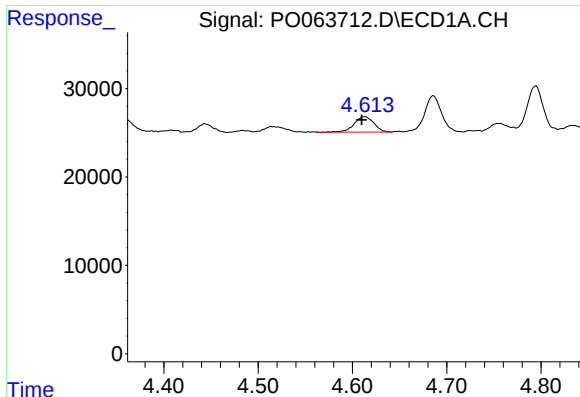
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



#8 AR-1221-1

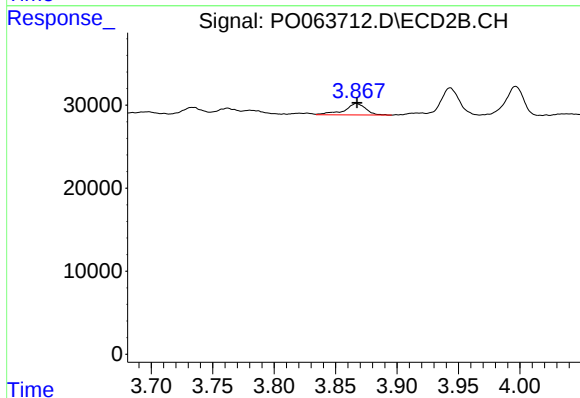
R.T.: 3.762 min
Delta R.T.: -0.021 min
Response: 8223
Conc: 30.27 ng/ml



#9 AR-1221-2

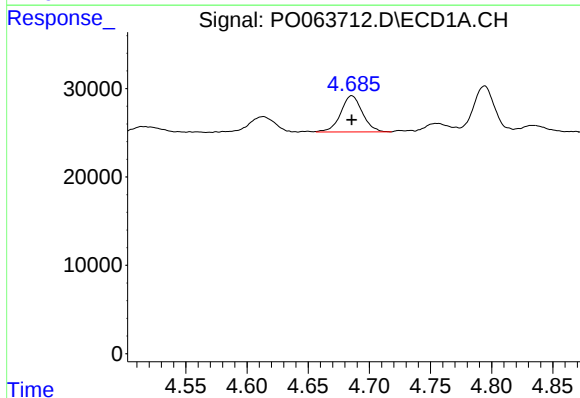
R.T.: 4.613 min
Delta R.T.: 0.003 min
Response: 25236
Conc: 80.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



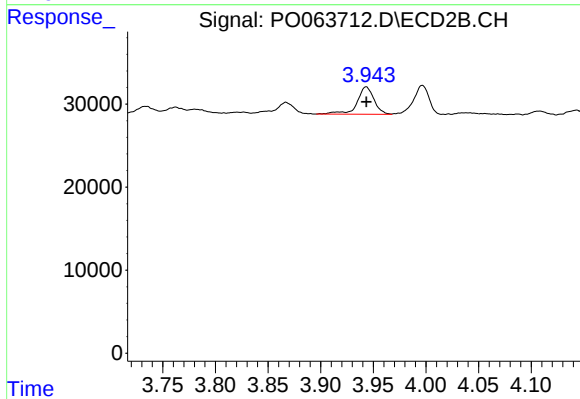
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 16974
Conc: 80.72 ng/ml



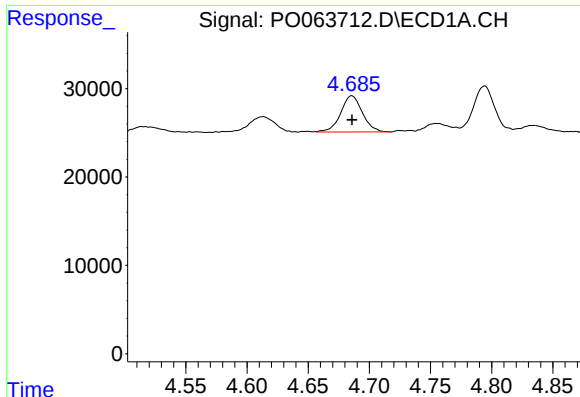
#10 AR-1221-3

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 50677
Conc: 53.43 ng/ml



#10 AR-1221-3

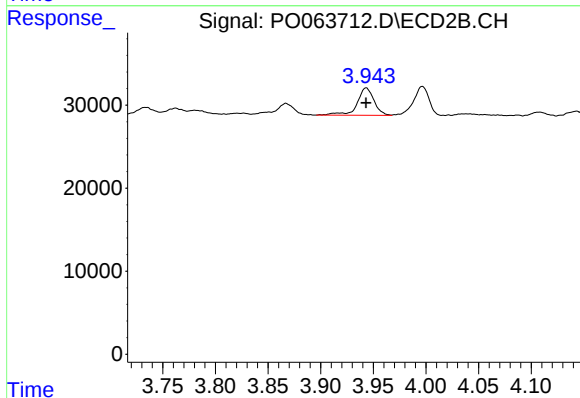
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 36653
Conc: 54.98 ng/ml



#11 AR-1232-1

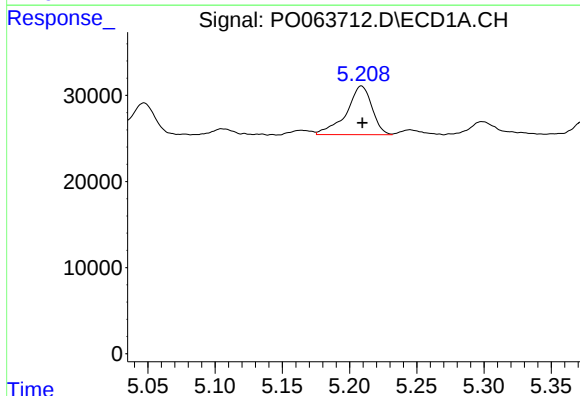
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 50677
Conc: 38.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



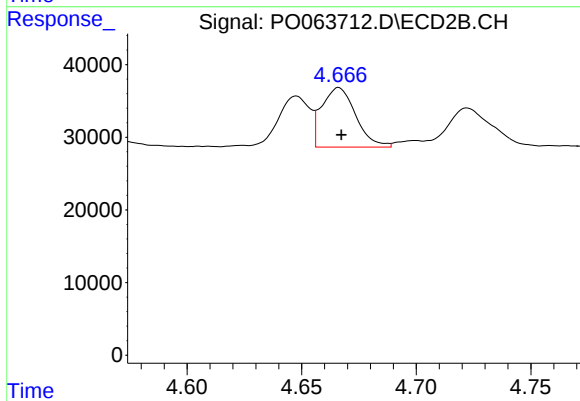
#11 AR-1232-1

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 36653
Conc: 38.88 ng/ml



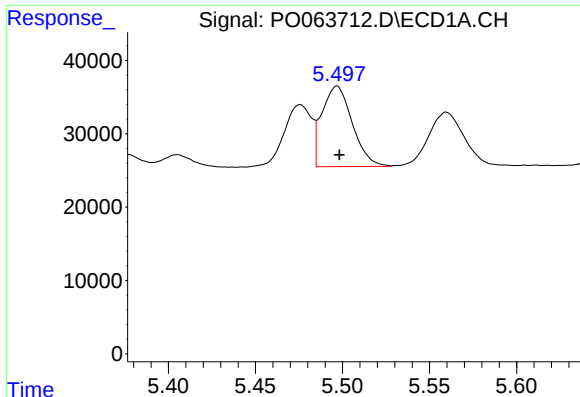
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 75090
Conc: 105.30 ng/ml



#12 AR-1232-2

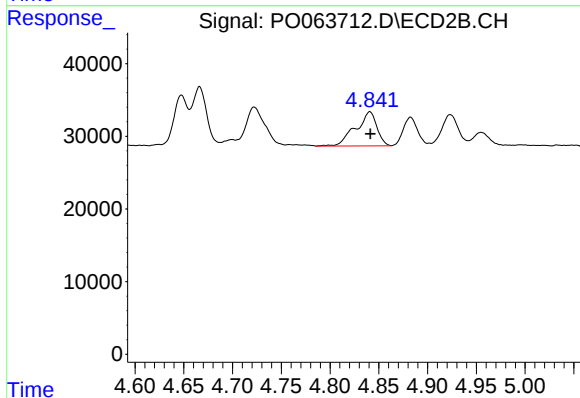
R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 84508
Conc: 83.86 ng/ml



#13 AR-1232-3

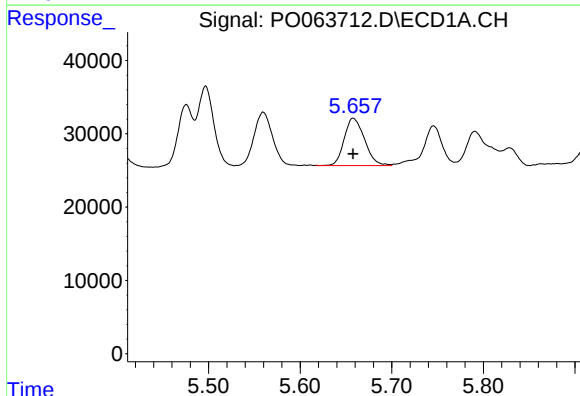
R.T.: 5.497 min
Delta R.T.: -0.001 min
Response: 133431
Conc: 93.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



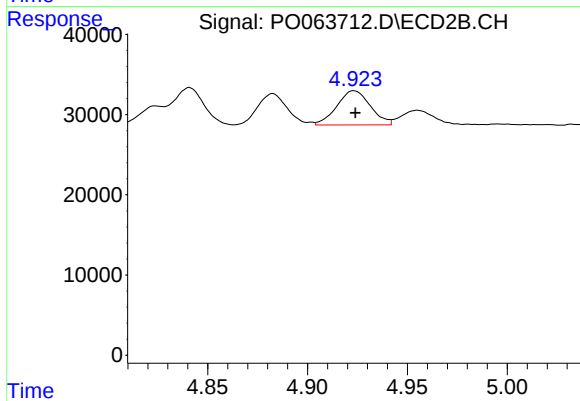
#13 AR-1232-3

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 70974
Conc: 134.09 ng/ml



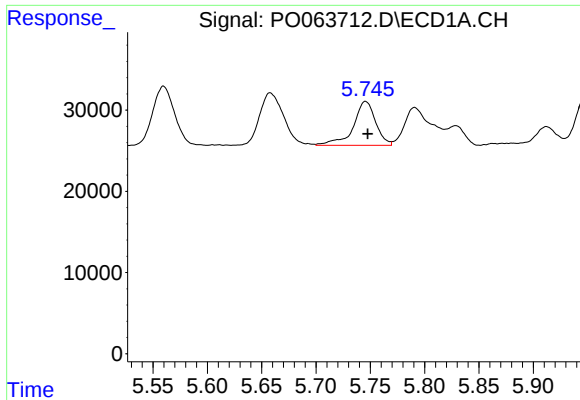
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 99621
Conc: 134.19 ng/ml



#14 AR-1232-4

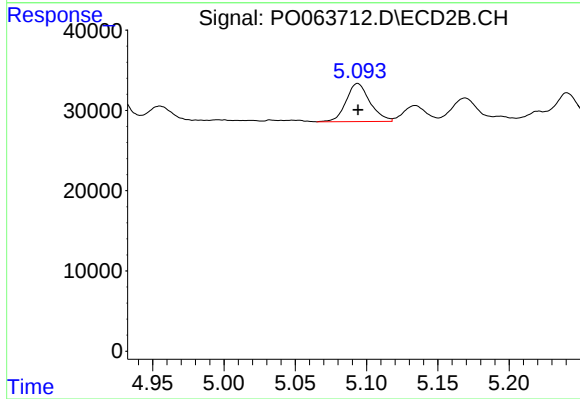
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 49762
Conc: 105.99 ng/ml



#15 AR-1232-5

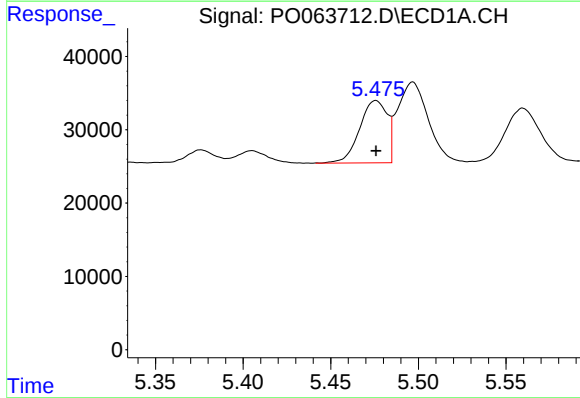
R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 77746
Conc: 132.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



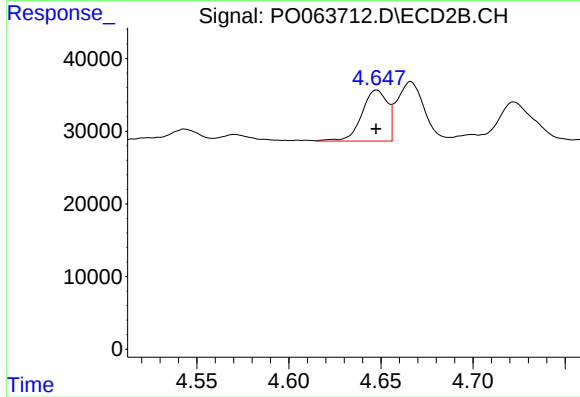
#15 AR-1232-5

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 55364
Conc: 107.40 ng/ml



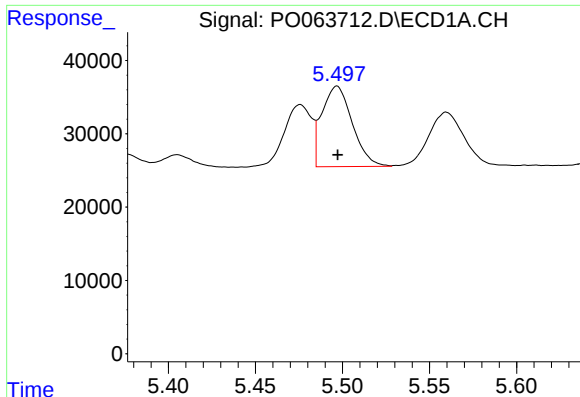
#16 AR-1242-1

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 93363
Conc: 88.24 ng/ml



#16 AR-1242-1

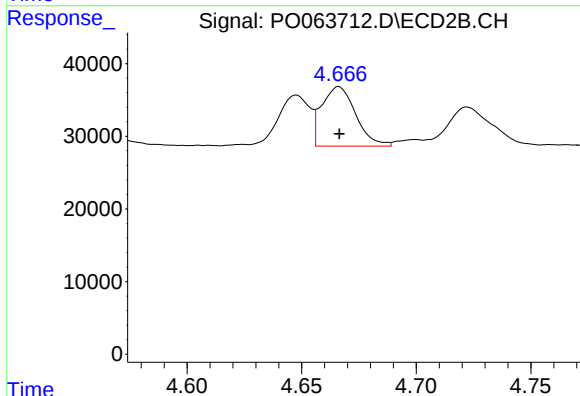
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 67987
Conc: 86.19 ng/ml



#17 AR-1242-2

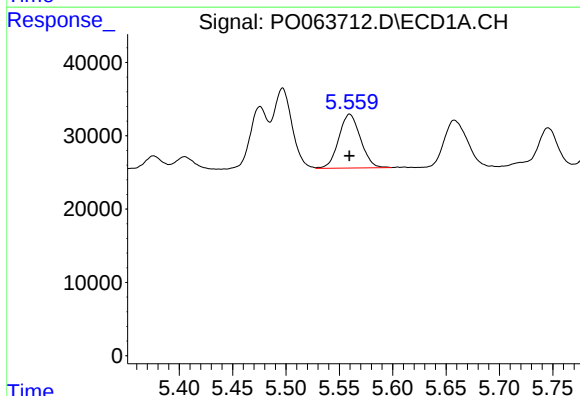
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 133431
Conc: 88.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



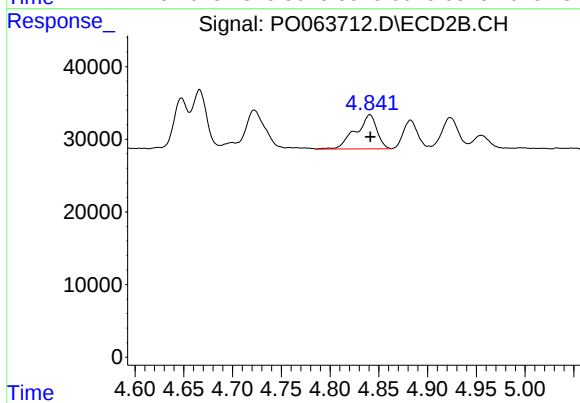
#17 AR-1242-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 84508
Conc: 79.83 ng/ml



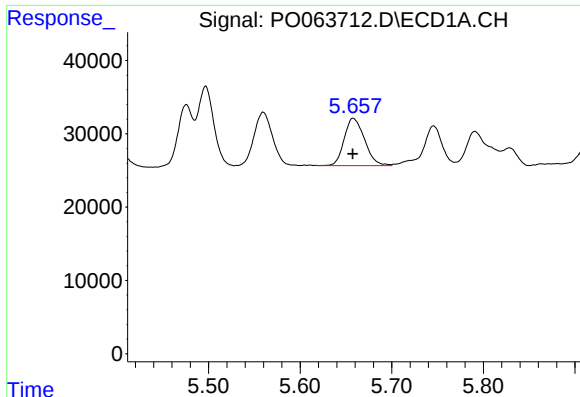
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 103577
Conc: 108.38 ng/ml



#18 AR-1242-3

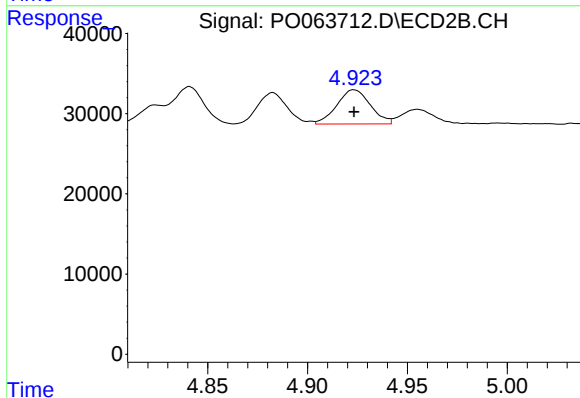
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 70974
Conc: 123.88 ng/ml



#19 AR-1242-4

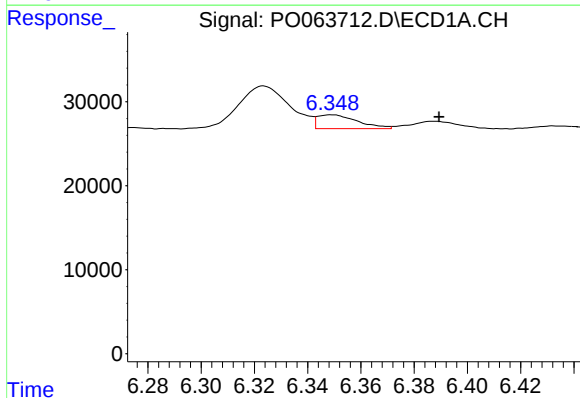
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 99621
Conc: 126.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



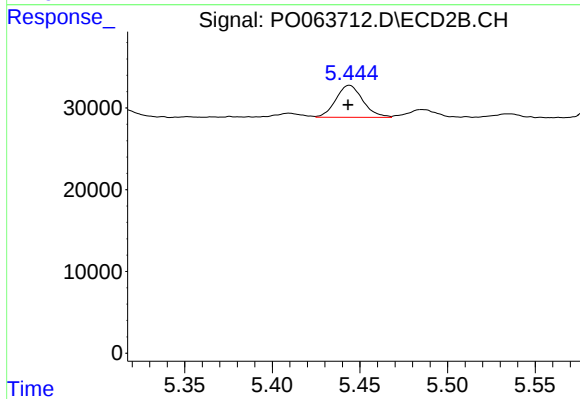
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 49762
Conc: 87.16 ng/ml



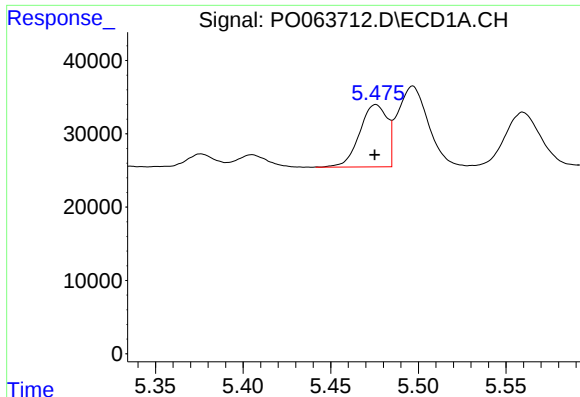
#20 AR-1242-5

R.T.: 6.349 min
Delta R.T.: -0.040 min
Response: 17173
Conc: 16.53 ng/ml



#20 AR-1242-5

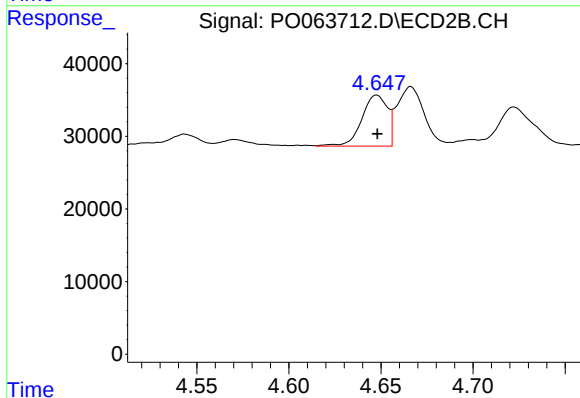
R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 41954
Conc: 53.90 ng/ml



#21 AR-1248-1

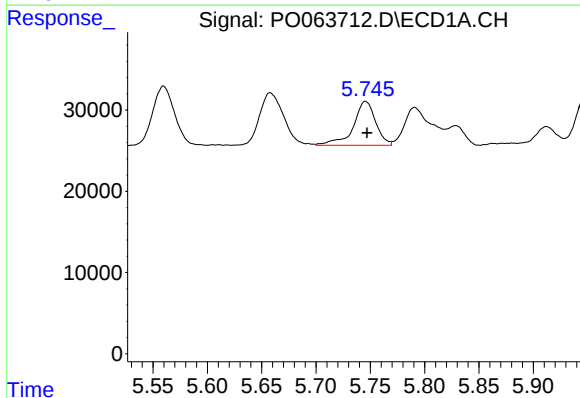
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 93363
Conc: 106.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



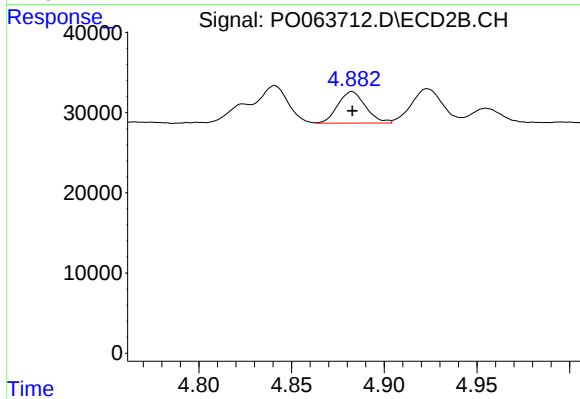
#21 AR-1248-1

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 67987
Conc: 105.51 ng/ml



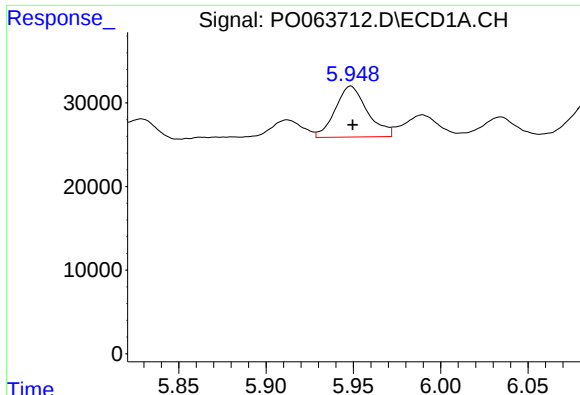
#22 AR-1248-2

R.T.: 5.746 min
Delta R.T.: -0.001 min
Response: 77746
Conc: 61.36 ng/ml



#22 AR-1248-2

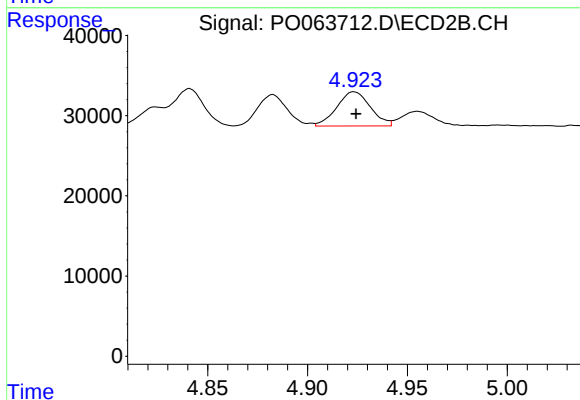
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 40564
Conc: 47.06 ng/ml



#23 AR-1248-3

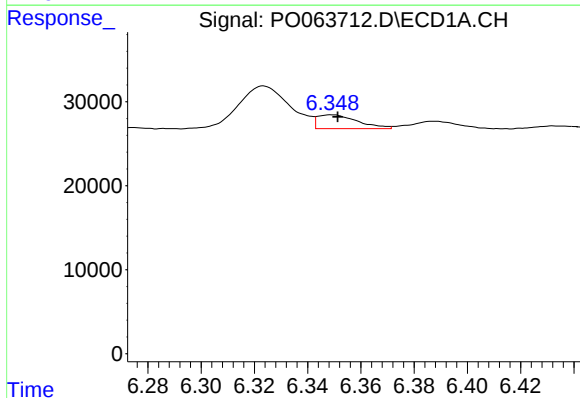
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 78128
Conc: 54.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



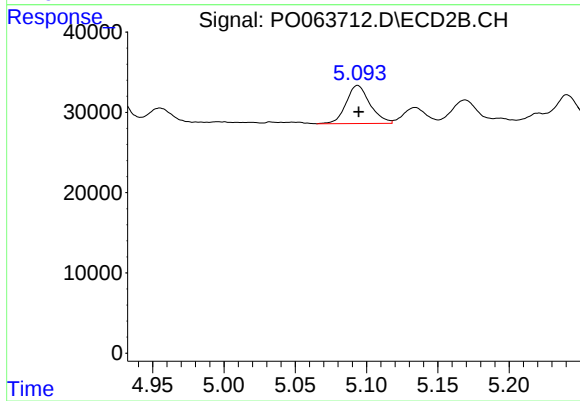
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 49762
Conc: 56.24 ng/ml



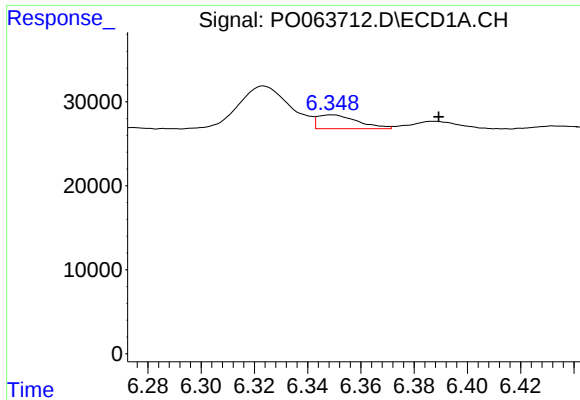
#24 AR-1248-4

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 17173
Conc: 9.92 ng/ml



#24 AR-1248-4

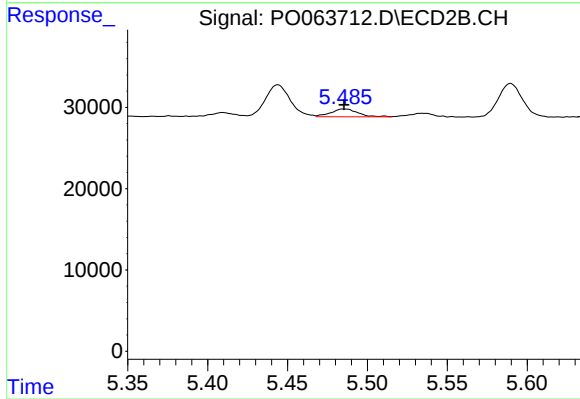
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 55364
Conc: 51.43 ng/ml



#25 AR-1248-5

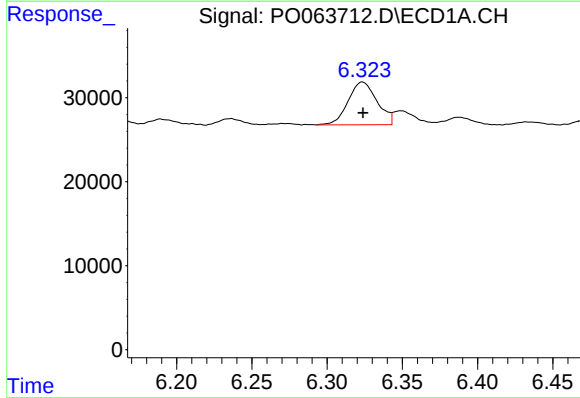
R.T.: 6.349 min
Delta R.T.: -0.040 min
Response: 17173
Conc: 10.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



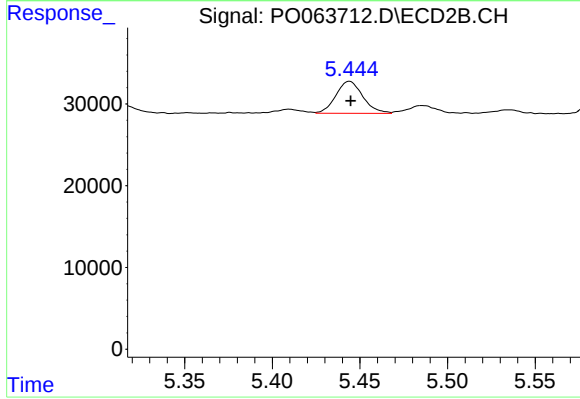
#25 AR-1248-5

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 11392
Conc: 10.21 ng/ml



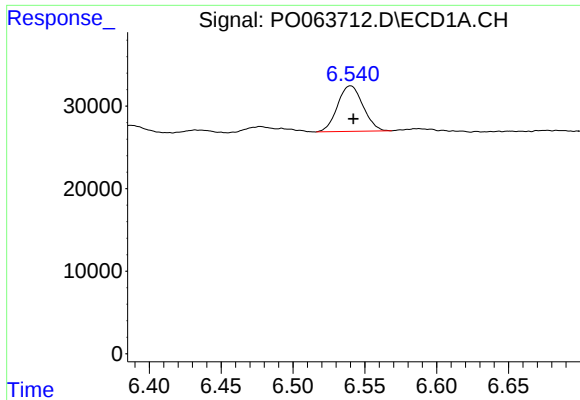
#26 AR-1254-1

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 68157
Conc: 39.01 ng/ml



#26 AR-1254-1

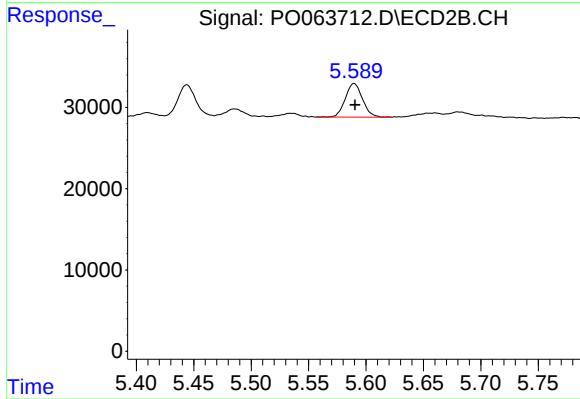
R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 41954
Conc: 23.68 ng/ml



#27 AR-1254-2

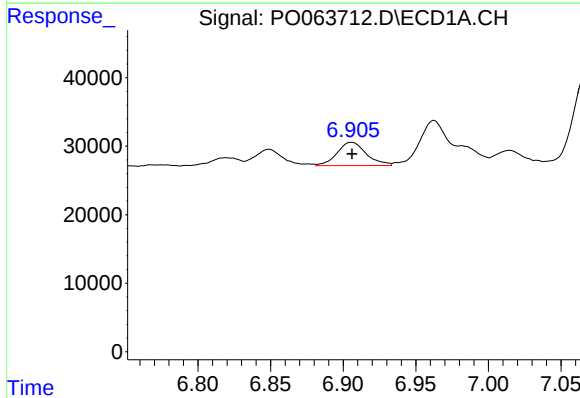
R.T.: 6.540 min
Delta R.T.: -0.002 min
Response: 68154
Conc: 24.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



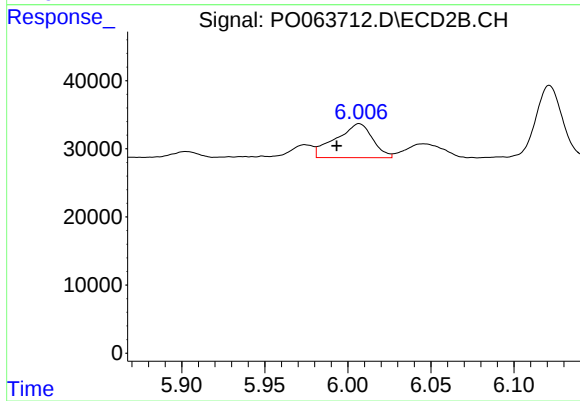
#27 AR-1254-2

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 43255
Conc: 27.43 ng/ml



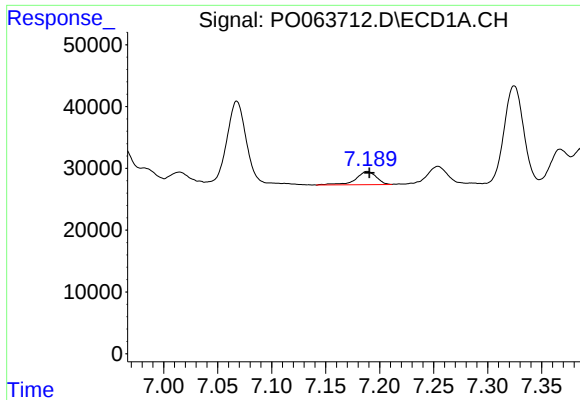
#28 AR-1254-3

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 47865
Conc: 15.25 ng/ml



#28 AR-1254-3

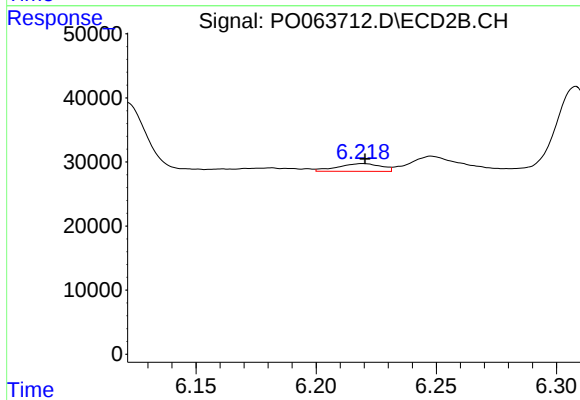
R.T.: 6.007 min
Delta R.T.: 0.014 min
Response: 77141
Conc: 28.77 ng/ml



#29 AR-1254-4

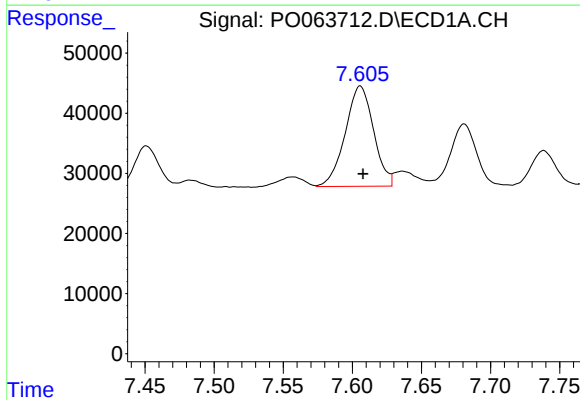
R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 28540
Conc: 11.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



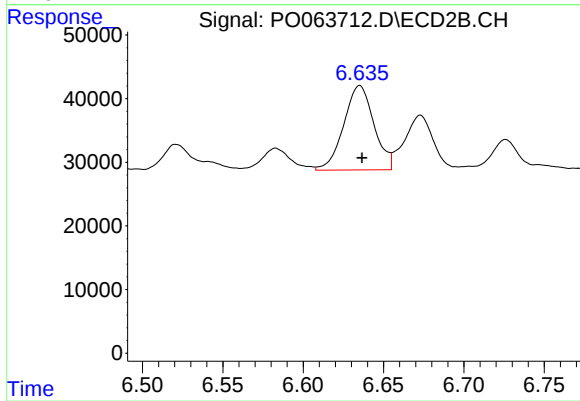
#29 AR-1254-4

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 15117
Conc: 8.52 ng/ml



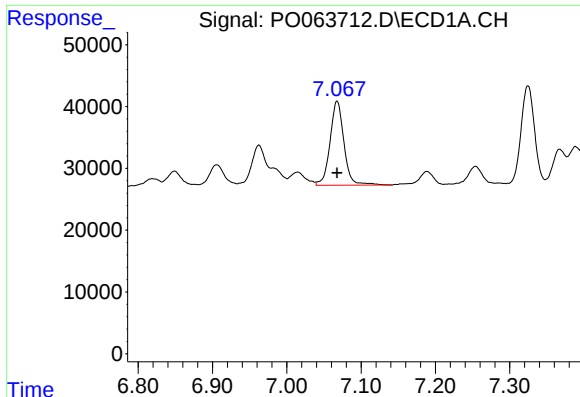
#30 AR-1254-5

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 238431
Conc: 87.96 ng/ml



#30 AR-1254-5

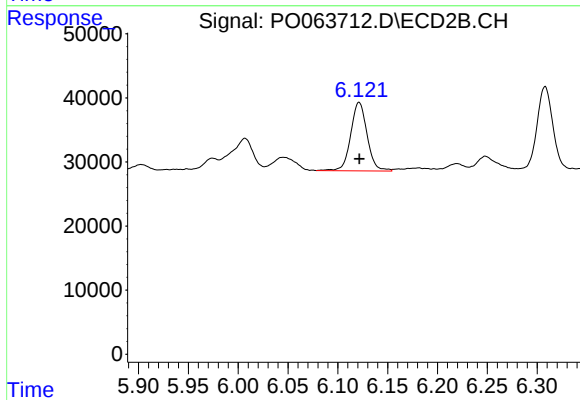
R.T.: 6.635 min
Delta R.T.: -0.001 min
Response: 173786
Conc: 69.55 ng/ml



#31 AR-1260-1

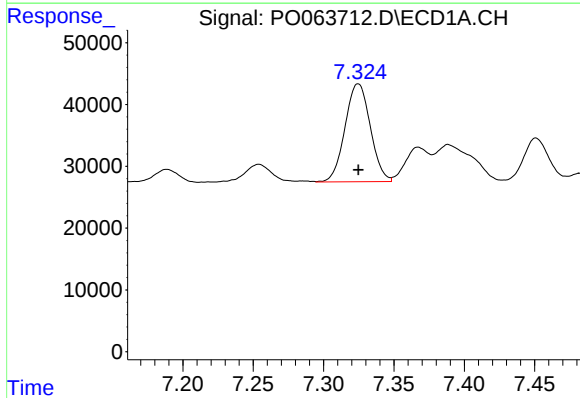
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 177653
Conc: 88.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



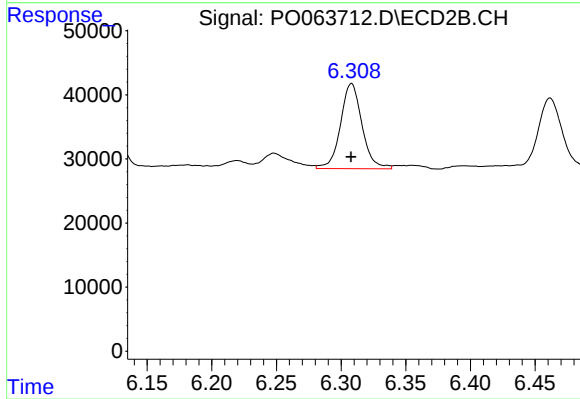
#31 AR-1260-1

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 122653
Conc: 78.10 ng/ml



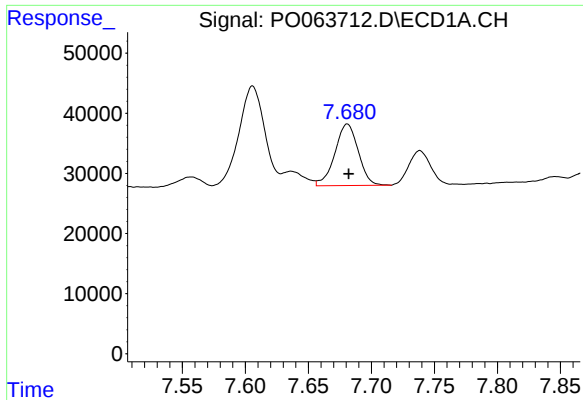
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 198622
Conc: 78.84 ng/ml



#32 AR-1260-2

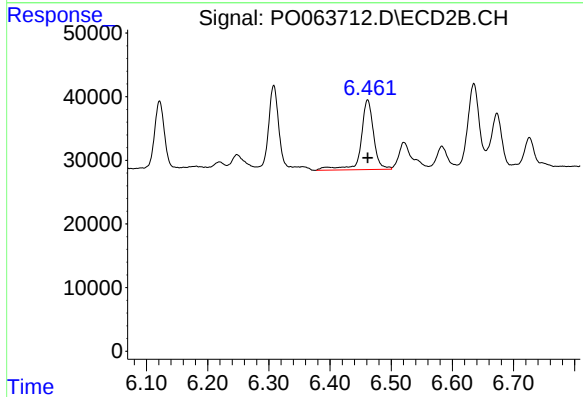
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 154157
Conc: 78.37 ng/ml



#33 AR-1260-3

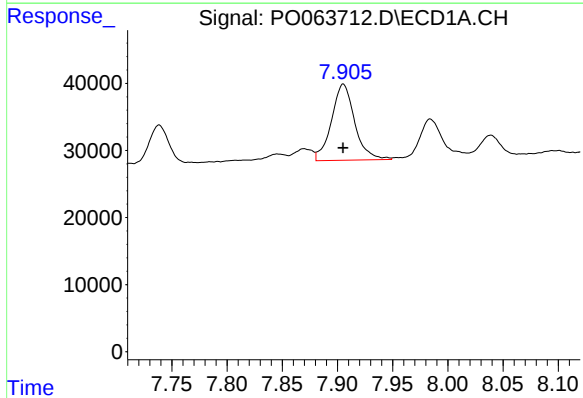
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 132498
Conc: 65.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



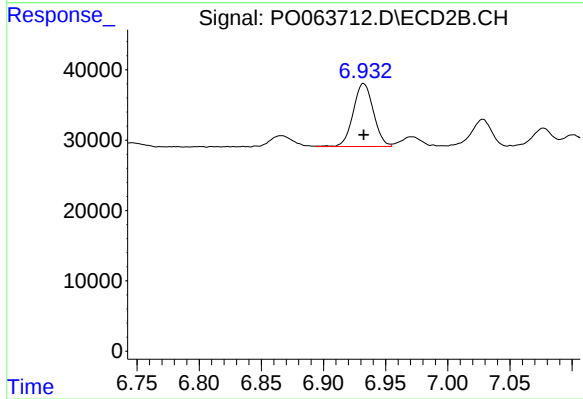
#33 AR-1260-3

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 156802
Conc: 87.92 ng/ml



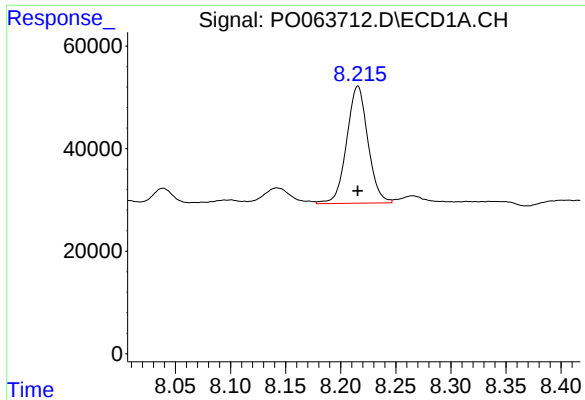
#34 AR-1260-4

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 166605
Conc: 69.96 ng/ml



#34 AR-1260-4

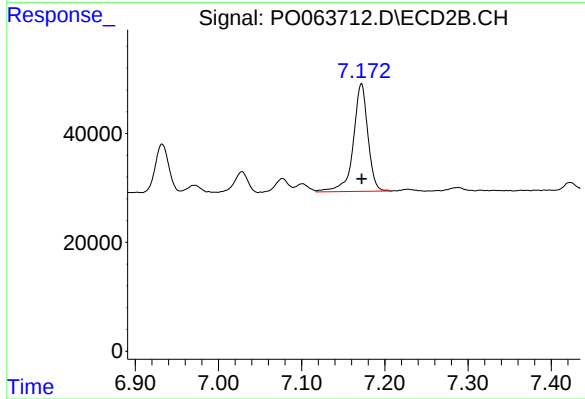
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 101139
Conc: 64.24 ng/ml



#35 AR-1260-5

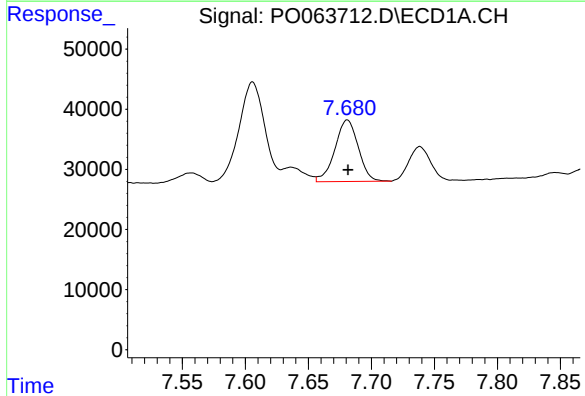
R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 306222
Conc: 65.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



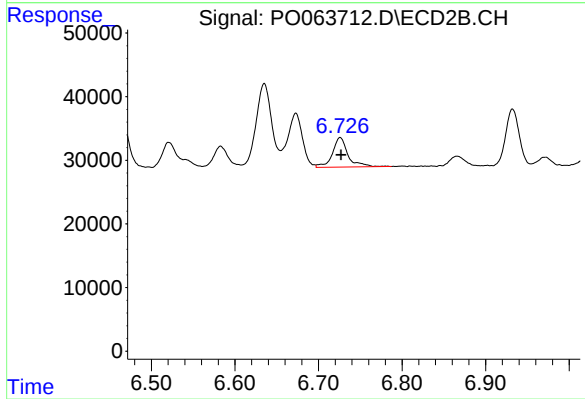
#35 AR-1260-5

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 240367
Conc: 62.00 ng/ml



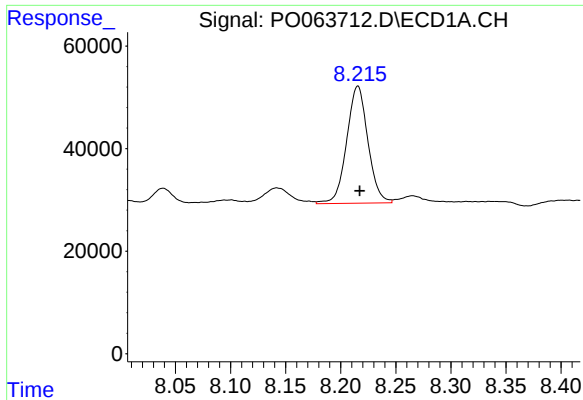
#36 AR-1262-1

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 132498
Conc: 41.15 ng/ml



#36 AR-1262-1

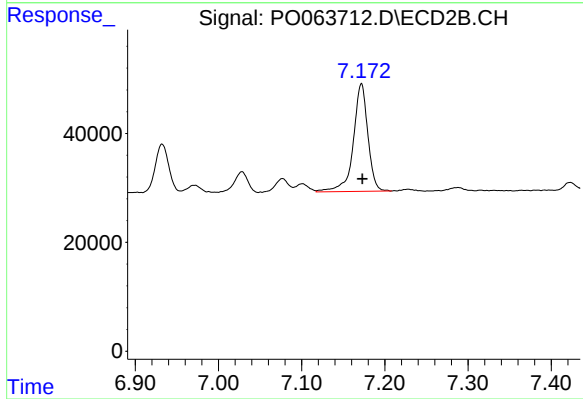
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 60220
Conc: 57.60 ng/ml



#37 AR-1262-2

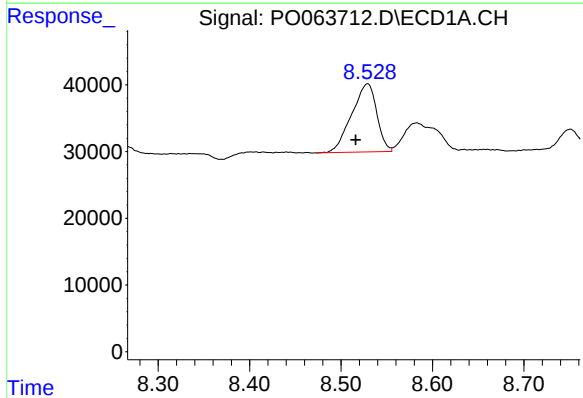
R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 306222
Conc: 51.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



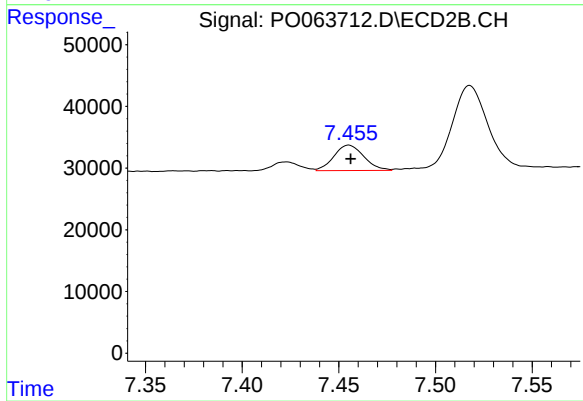
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 240367
Conc: 50.68 ng/ml



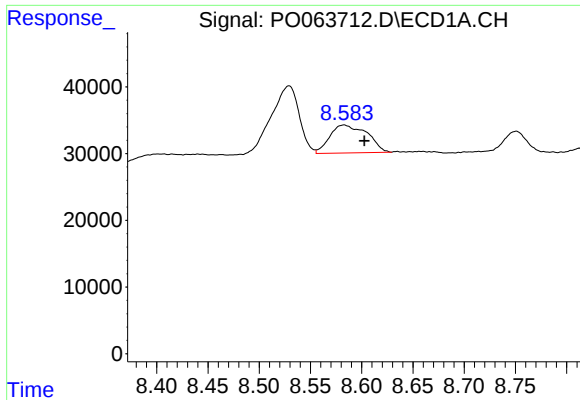
#38 AR-1262-3

R.T.: 8.529 min
Delta R.T.: 0.013 min
Response: 194653
Conc: 47.50 ng/ml



#38 AR-1262-3

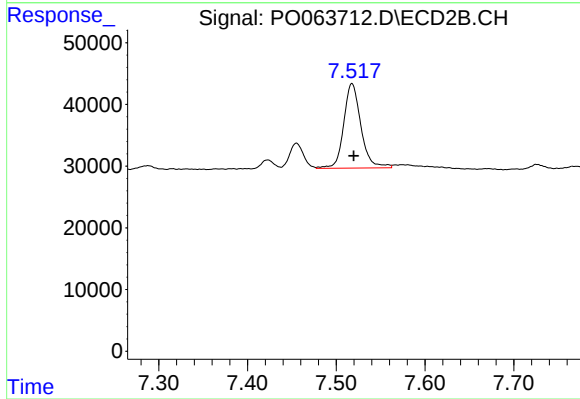
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 44604
Conc: 23.80 ng/ml



#39 AR-1262-4

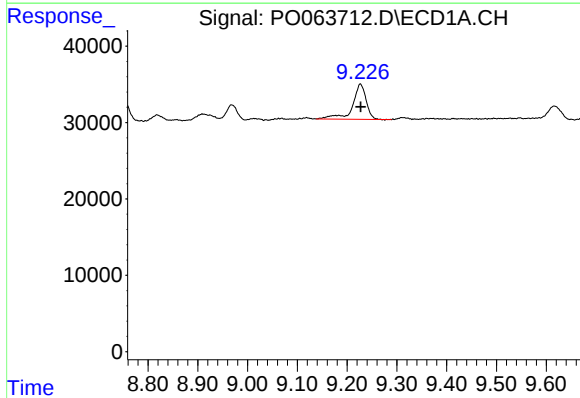
R.T.: 8.583 min
Delta R.T.: -0.020 min
Response: 106290
Conc: 33.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



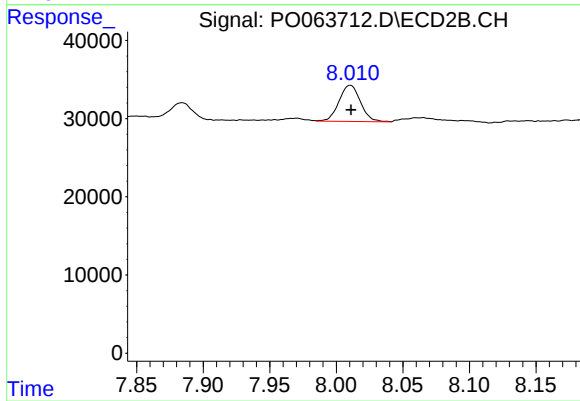
#39 AR-1262-4

R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 184438
Conc: 52.24 ng/ml



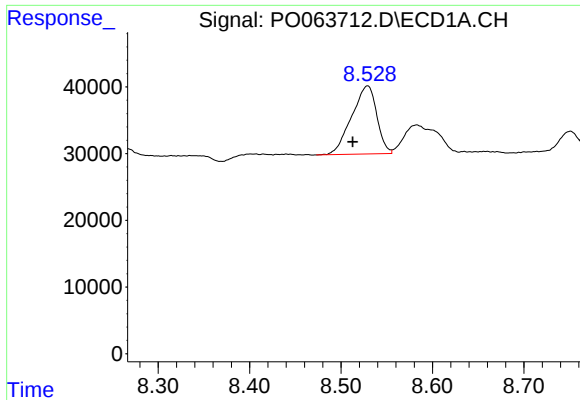
#40 AR-1262-5

R.T.: 9.227 min
Delta R.T.: -0.001 min
Response: 88060
Conc: 40.42 ng/ml



#40 AR-1262-5

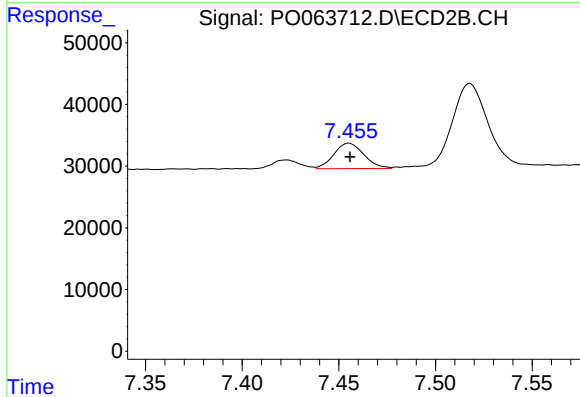
R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 51949
Conc: 34.02 ng/ml



#41 AR-1268-1

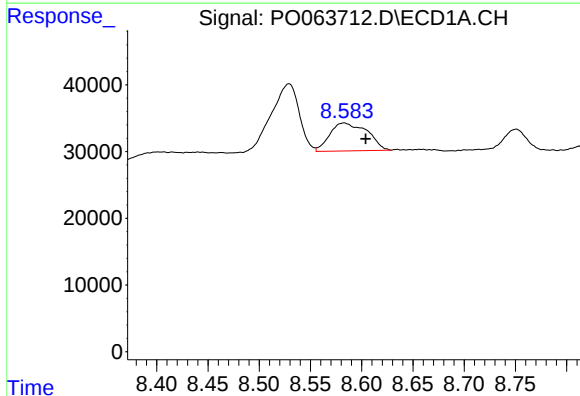
R.T.: 8.529 min
Delta R.T.: 0.016 min
Response: 194653
Conc: 28.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



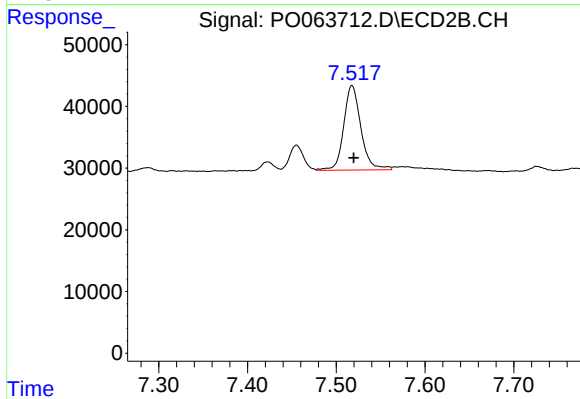
#41 AR-1268-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 44604
Conc: 8.36 ng/ml



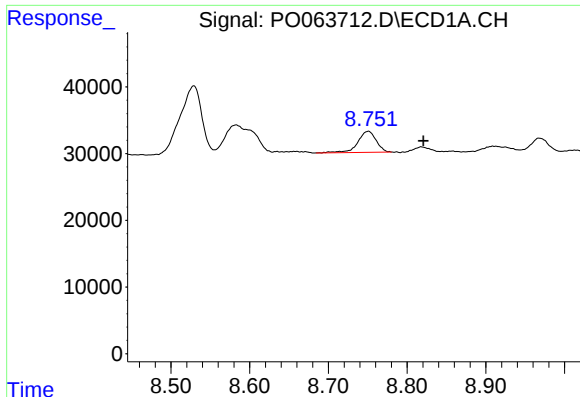
#42 AR-1268-2

R.T.: 8.583 min
Delta R.T.: -0.021 min
Response: 106290
Conc: 16.94 ng/ml



#42 AR-1268-2

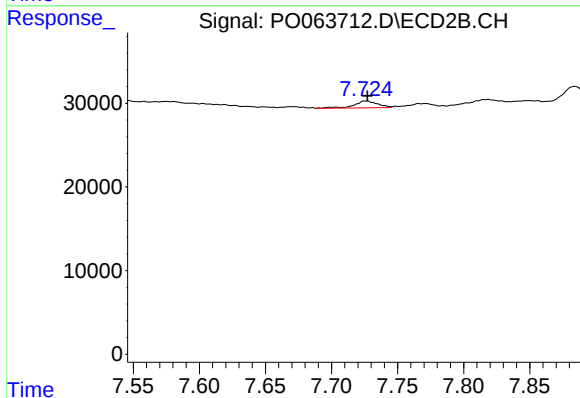
R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 184438
Conc: 37.01 ng/ml



#43 AR-1268-3

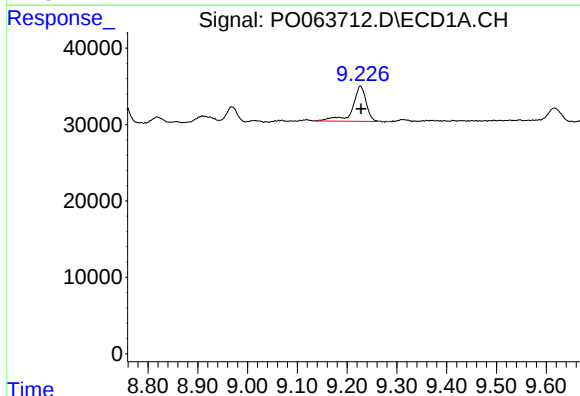
R.T.: 8.751 min
Delta R.T.: -0.070 min
Response: 51420
Conc: 9.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



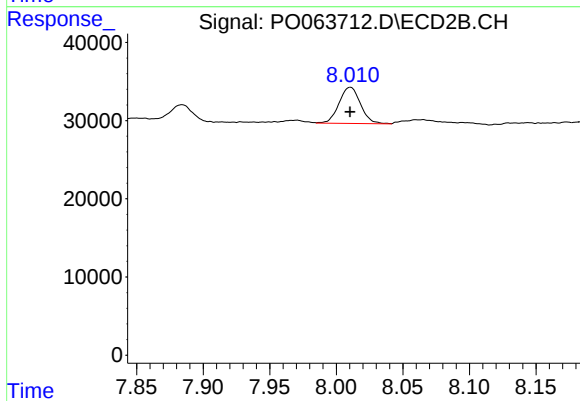
#43 AR-1268-3

R.T.: 7.726 min
Delta R.T.: -0.001 min
Response: 10197
Conc: 2.57 ng/ml



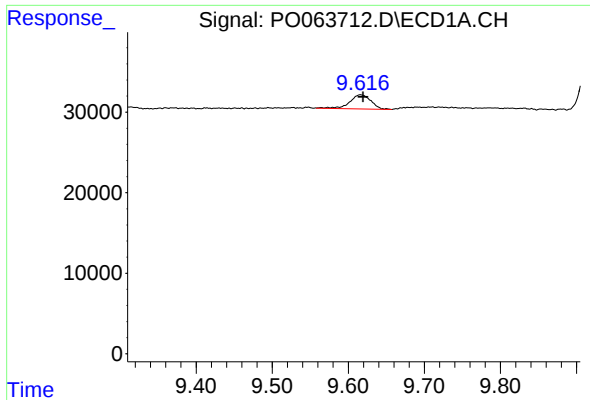
#44 AR-1268-4

R.T.: 9.227 min
Delta R.T.: -0.002 min
Response: 88060
Conc: 36.23 ng/ml



#44 AR-1268-4

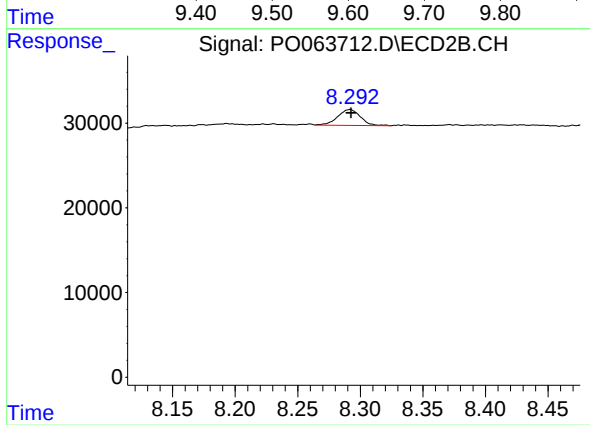
R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 51949
Conc: 30.67 ng/ml



#45 AR-1268-5

R.T.: 9.616 min
Delta R.T.: -0.003 min
Response: 34082
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB124783BS



#45 AR-1268-5

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 23449
Conc: 1.98 ng/ml