

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056612.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2019 4:40
 Operator : SM/SJ
 Sample : K3010-04MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:36:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.256	3.574	872718	685563	22.796	20.788
2)	SA Decachlor...	9.832	8.510	813036	561034	16.564	15.734
Target Compounds							
3)	L1 AR-1016-1	5.438	4.643	650569	181439	361.704	144.172 #
4)	L1 AR-1016-2	5.438	4.661	650569	254706	259.080	141.376 #
5)	L1 AR-1016-3	5.499	4.835	236415	136484	147.089	138.429
6)	L1 AR-1016-4	5.597	4.876	190292	115458	145.062	139.469
7)	L1 AR-1016-5	5.889	5.086	200845	139251	145.370	129.811
9)	L2 AR-1221-2	0.000	3.869	0	29448	N.D.	78.140 #
10)	L2 AR-1221-3	4.628	3.943	123794	87432	83.754	73.040
11)	L3 AR-1232-1	4.628	3.943	123794	87432	105.054	97.324
12)	L3 AR-1232-2	5.150	4.661	187226	254706	282.375	262.076
13)	L3 AR-1232-3	5.438	4.835	650569	136484	458.583	260.817 #
14)	L3 AR-1232-4	5.597	4.916	190292	136877	270.329	277.818
15)	L3 AR-1232-5	5.686	5.086	180693	139251	319.591	247.225
16)	L4 AR-1242-1	5.438	4.643	650569	181439	377.099	146.489 #
17)	L4 AR-1242-2	5.438	4.661	650569	254706	256.253	141.628 #
18)	L4 AR-1242-3	5.499	4.835	236415	136484	145.395	138.829
19)	L4 AR-1242-4	5.597	4.916	190292	136877	142.357	140.661
20)	L4 AR-1242-5	6.262	5.434	165260	113788	100.153	96.245
21)	L5 AR-1248-1	5.438	4.643	650569	181439	504.898	193.738 #
22)	L5 AR-1248-2	5.686	4.876	180693	115458	96.996	90.880
23)	L5 AR-1248-3	5.889	4.916	200845	136877	97.908	104.814
24)	L5 AR-1248-4	6.262	5.086	165260	139251	71.427	87.932
25)	L5 AR-1248-5	6.262	5.434	165260	113788	75.139	68.751
26)	L6 AR-1254-1	6.262	5.434	165260	113788	60.035	43.025 #
27)	L6 AR-1254-2	6.478	5.580	157041	110935	40.432	51.459 #
28)	L6 AR-1254-3	6.845	5.994	94396	195324	22.893	53.352 #
29)	L6 AR-1254-4	7.127	6.208	56478	19289	18.764	8.780 #
30)	L6 AR-1254-5	7.543	6.620	494974	349227	131.445	110.158
31)	L7 AR-1260-1	7.005	6.108	348518	276354	135.812	138.150
32)	L7 AR-1260-2	7.261	6.295	394193	340590	130.348	138.172
33)	L7 AR-1260-3	7.617	6.447	252109	301291	104.651	134.311 #
34)	L7 AR-1260-4	7.842	6.915	286169	219341	109.258	117.861
35)	L7 AR-1260-5	8.150	7.157	492764	489672	103.044	113.551
36)	L8 AR-1262-1	7.617	6.657	252109	259408	53.905	62.148
37)	L8 AR-1262-2	8.150	7.157	492764	489672	64.635	71.270
38)	L8 AR-1262-3	8.459	7.435	329829	103829	63.022	35.155 #
39)	L8 AR-1262-4	8.511	7.500	191433	343399	44.842	65.904 #
40)	L8 AR-1262-5	9.143	7.992	120773	97149	43.955	41.836
41)	L9 AR-1268-1	8.459	7.435	329829	103829	40.532	13.909 #
42)	L9 AR-1268-2	8.511	7.500	191433	343399	23.663	49.176 #

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Sample : K3010-04MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

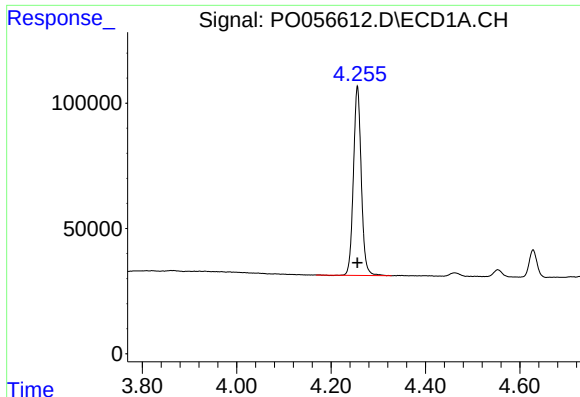
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:36:59 2019
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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
44)	L9 AR-1268-4	9.143	7.992	120773	97149	44.287	41.619
45)	L9 AR-1268-5	0.000	8.270	0	35081	N.D.	2.027 #

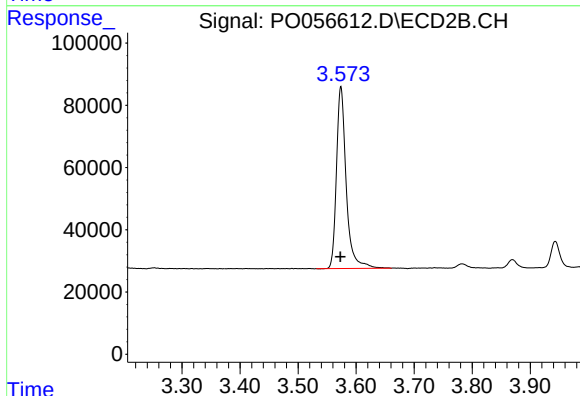
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

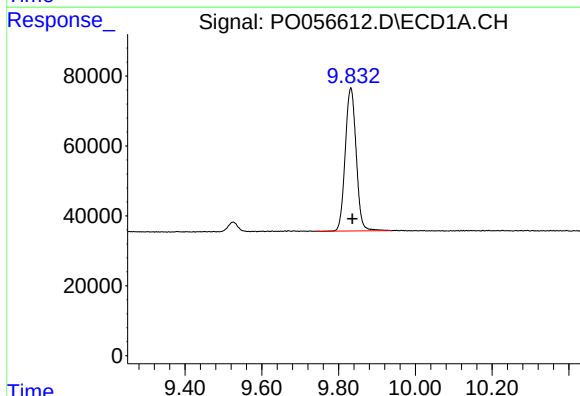
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 872718
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



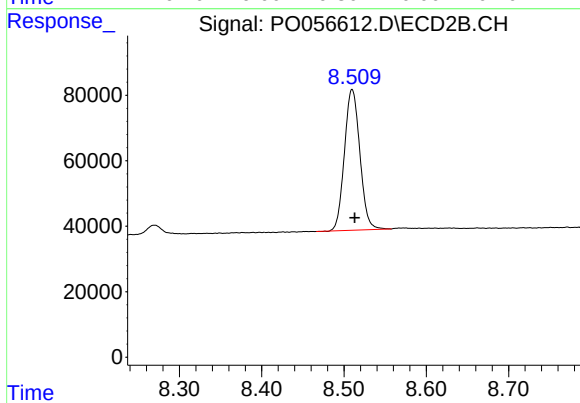
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 685563
Conc: 20.79 ng/ml



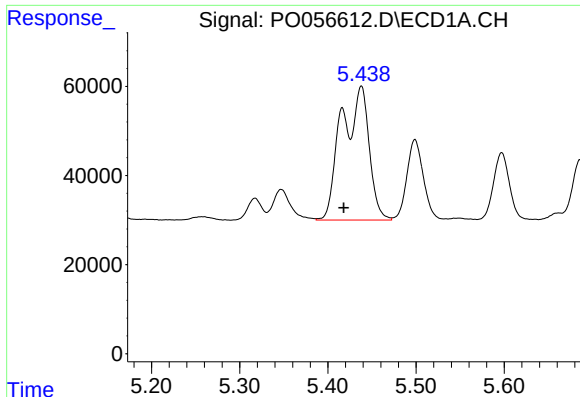
#2 Decachlorobiphenyl

R.T.: 9.832 min
Delta R.T.: -0.005 min
Response: 813036
Conc: 16.56 ng/ml



#2 Decachlorobiphenyl

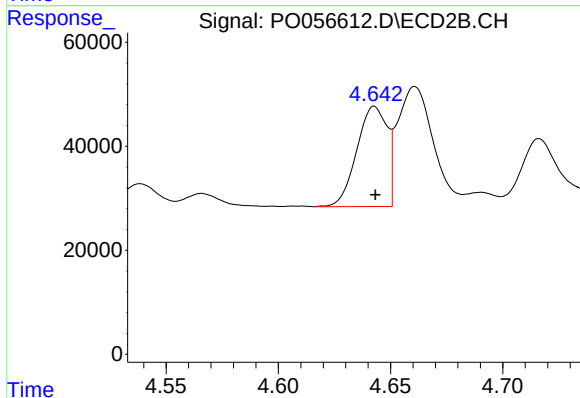
R.T.: 8.510 min
Delta R.T.: -0.003 min
Response: 561034
Conc: 15.73 ng/ml



#3 AR-1016-1

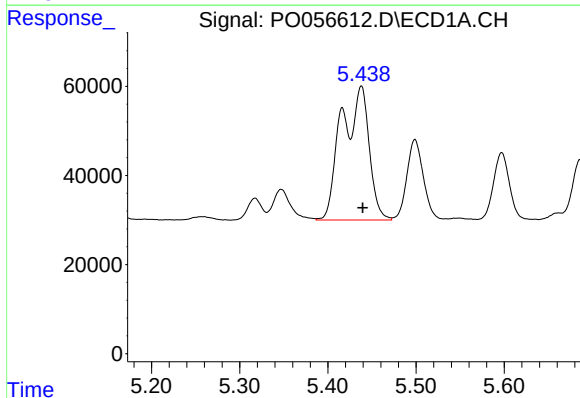
R.T.: 5.438 min
Delta R.T.: 0.020 min
Response: 650569
Conc: 361.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



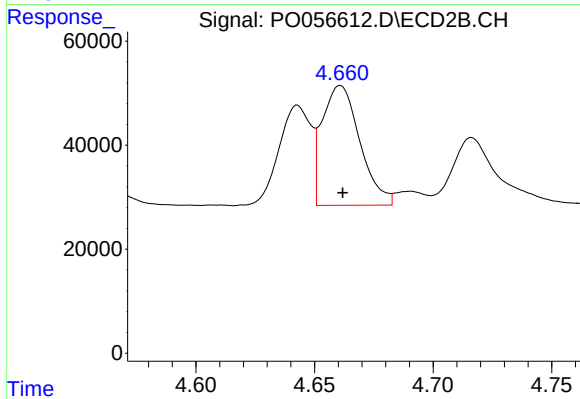
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 181439
Conc: 144.17 ng/ml



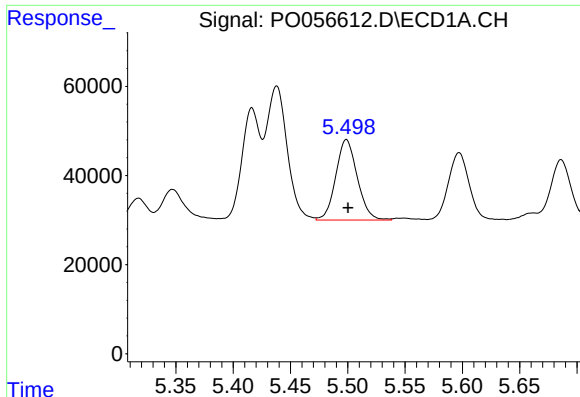
#4 AR-1016-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 650569
Conc: 259.08 ng/ml



#4 AR-1016-2

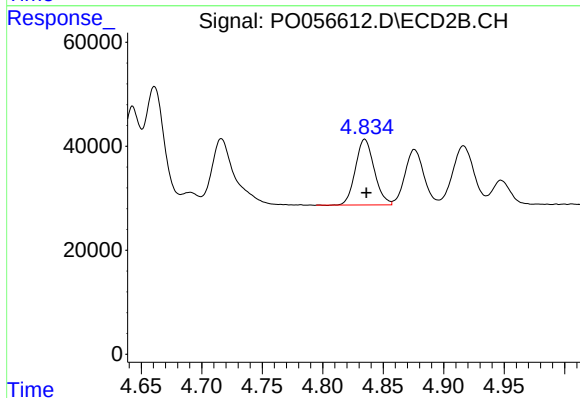
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 254706
Conc: 141.38 ng/ml



#5 AR-1016-3

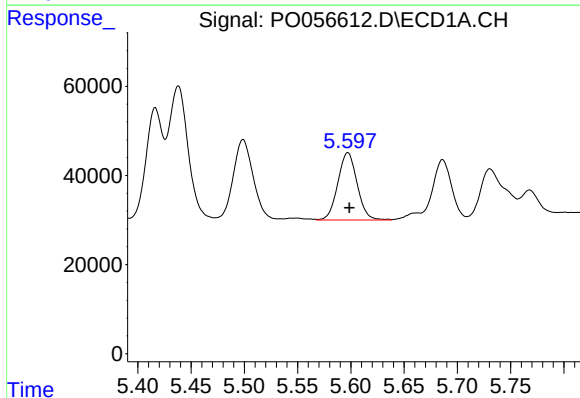
R.T.: 5.499 min
Delta R.T.: -0.001 min
Response: 236415
Conc: 147.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



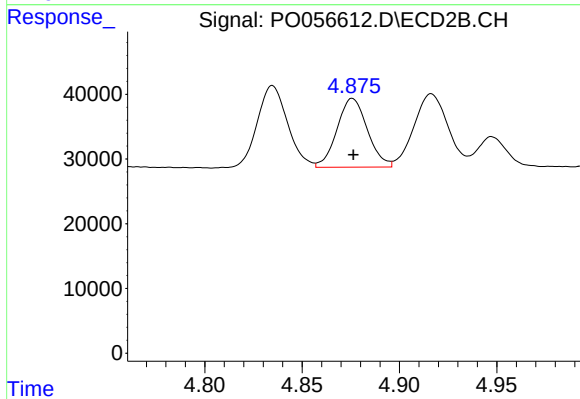
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 136484
Conc: 138.43 ng/ml



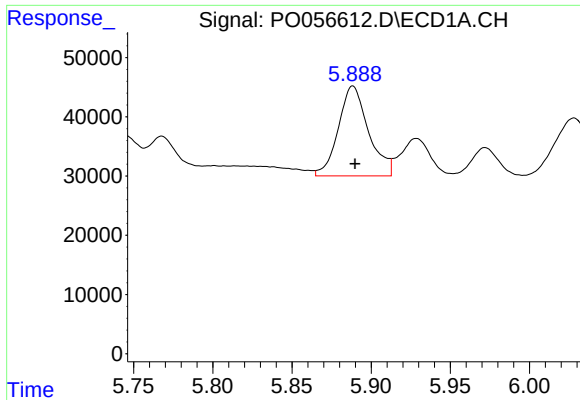
#6 AR-1016-4

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 190292
Conc: 145.06 ng/ml



#6 AR-1016-4

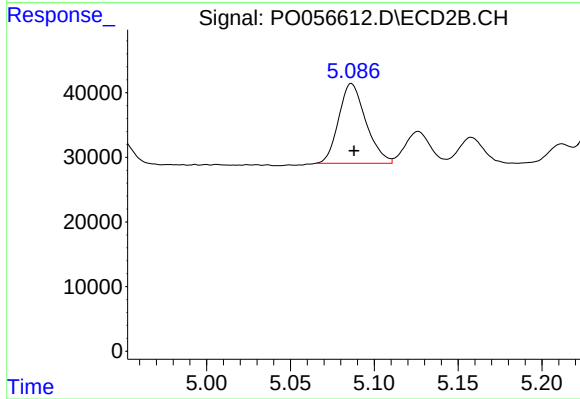
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 115458
Conc: 139.47 ng/ml



#7 AR-1016-5

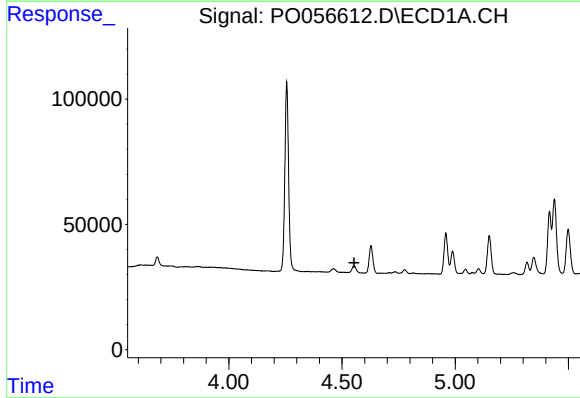
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 200845
Conc: 145.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



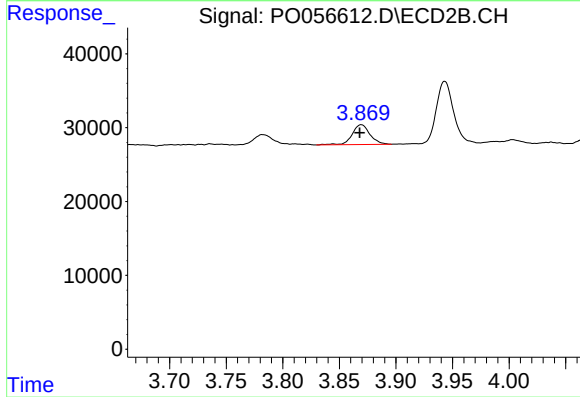
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 139251
Conc: 129.81 ng/ml



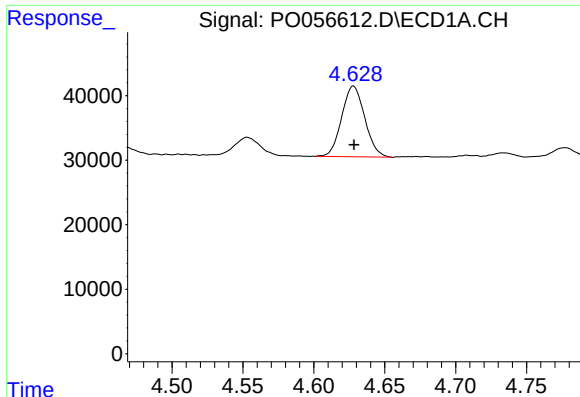
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#9 AR-1221-2

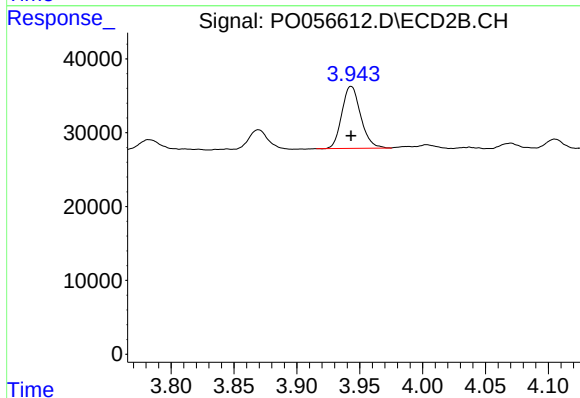
R.T.: 3.869 min
Delta R.T.: 0.001 min
Response: 29448
Conc: 78.14 ng/ml



#10 AR-1221-3

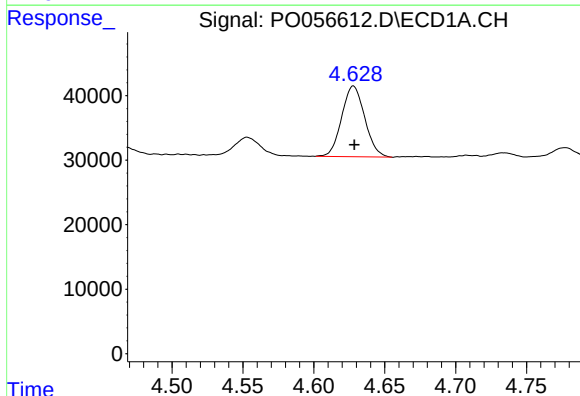
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 123794
Conc: 83.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



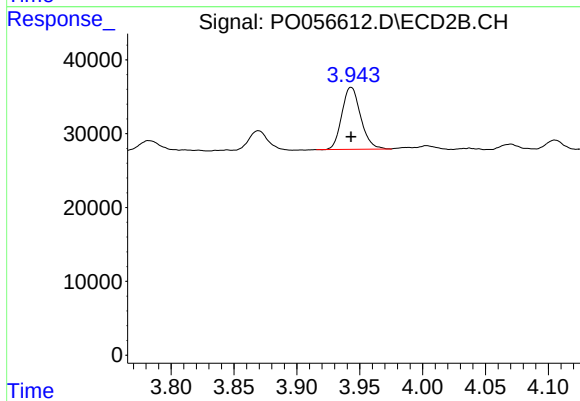
#10 AR-1221-3

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 87432
Conc: 73.04 ng/ml



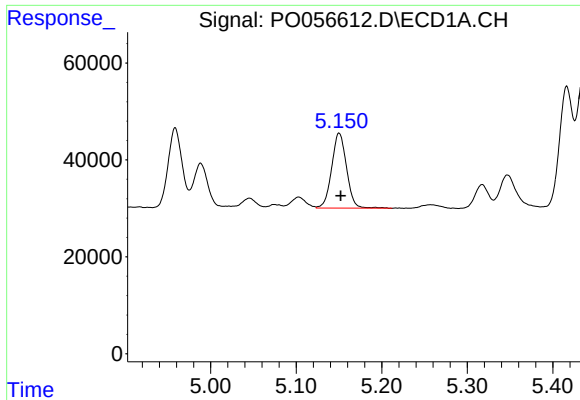
#11 AR-1232-1

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 123794
Conc: 105.05 ng/ml



#11 AR-1232-1

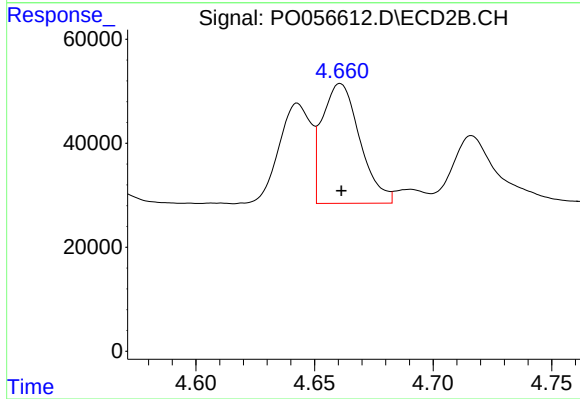
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 87432
Conc: 97.32 ng/ml



#12 AR-1232-2

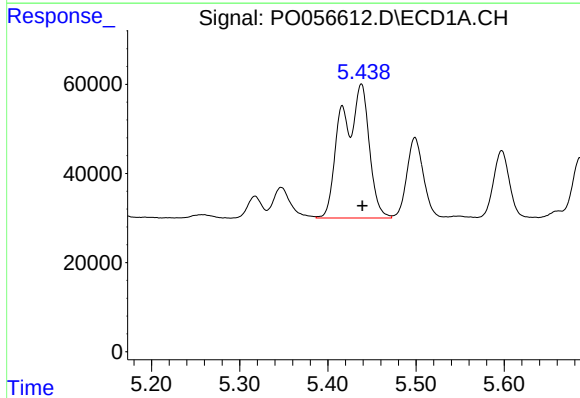
R.T.: 5.150 min
Delta R.T.: -0.001 min
Response: 187226
Conc: 282.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



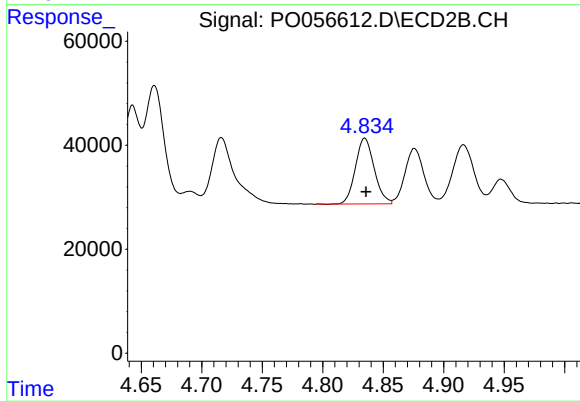
#12 AR-1232-2

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 254706
Conc: 262.08 ng/ml



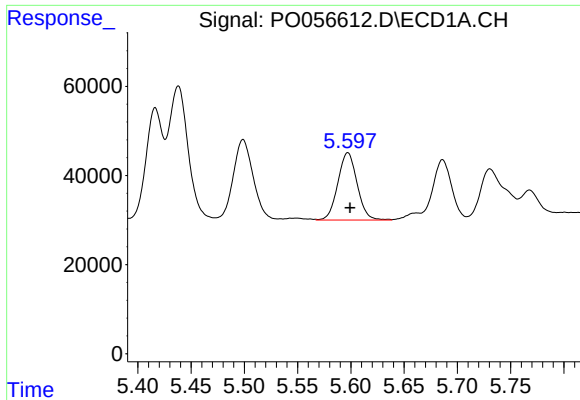
#13 AR-1232-3

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 650569
Conc: 458.58 ng/ml



#13 AR-1232-3

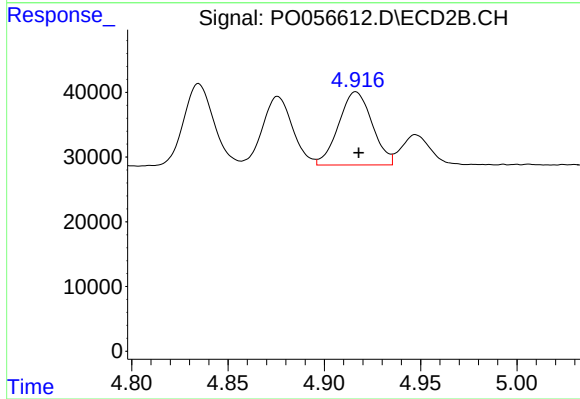
R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 136484
Conc: 260.82 ng/ml



#14 AR-1232-4

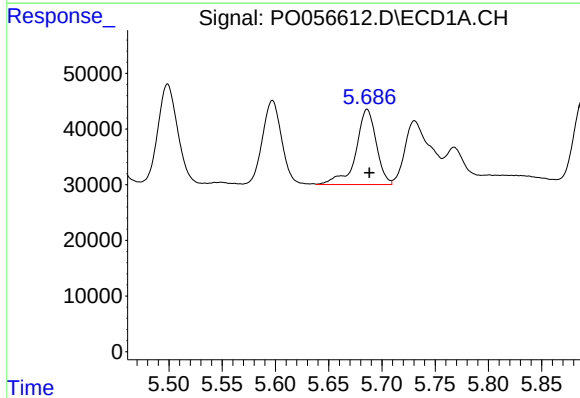
R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 190292
Conc: 270.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



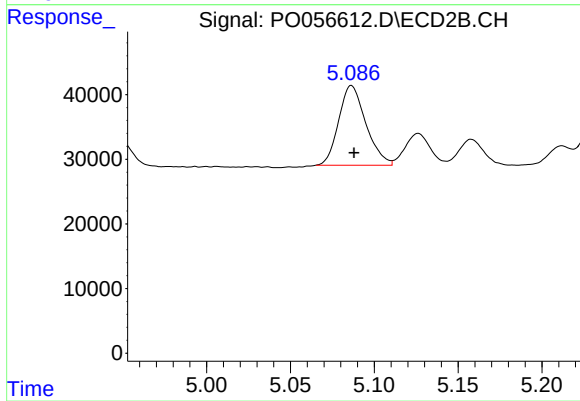
#14 AR-1232-4

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 136877
Conc: 277.82 ng/ml



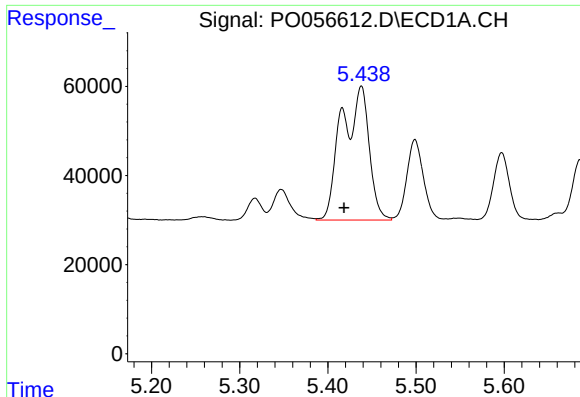
#15 AR-1232-5

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 180693
Conc: 319.59 ng/ml



#15 AR-1232-5

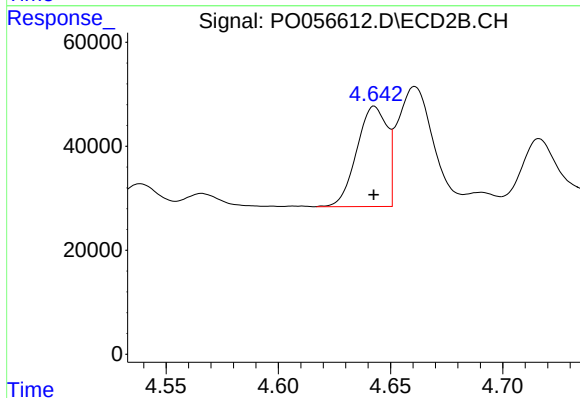
R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 139251
Conc: 247.23 ng/ml



#16 AR-1242-1

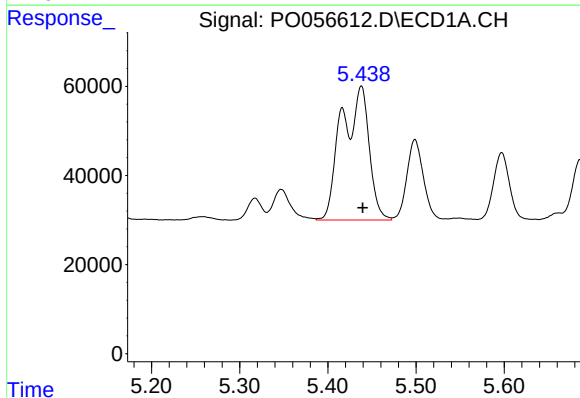
R.T.: 5.438 min
Delta R.T.: 0.020 min
Response: 650569
Conc: 377.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



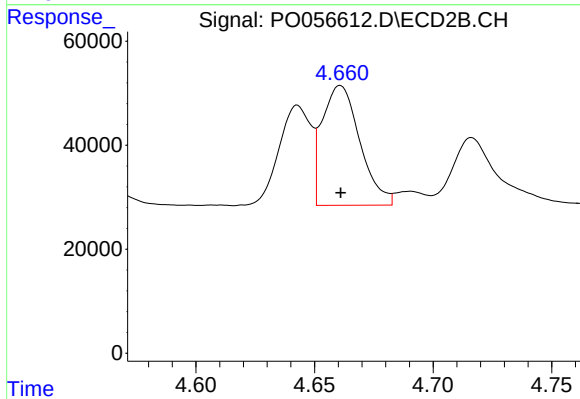
#16 AR-1242-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 181439
Conc: 146.49 ng/ml



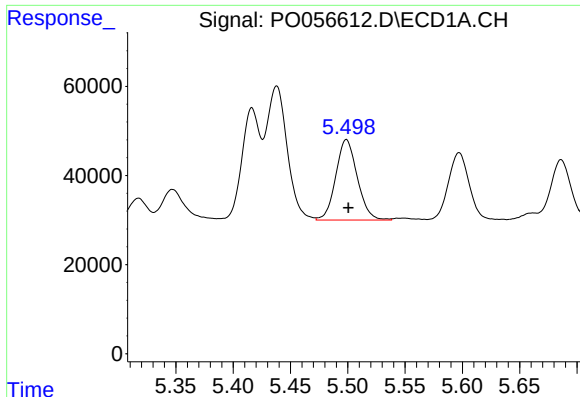
#17 AR-1242-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 650569
Conc: 256.25 ng/ml



#17 AR-1242-2

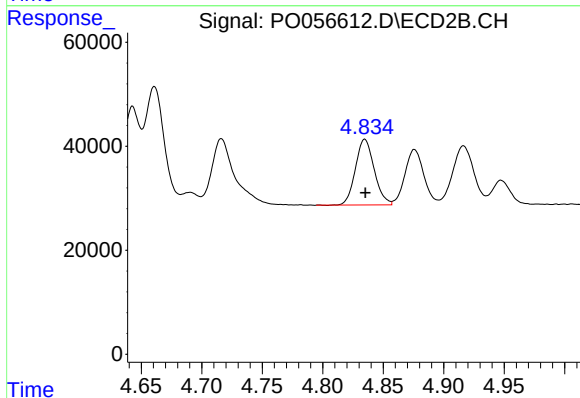
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 254706
Conc: 141.63 ng/ml



#18 AR-1242-3

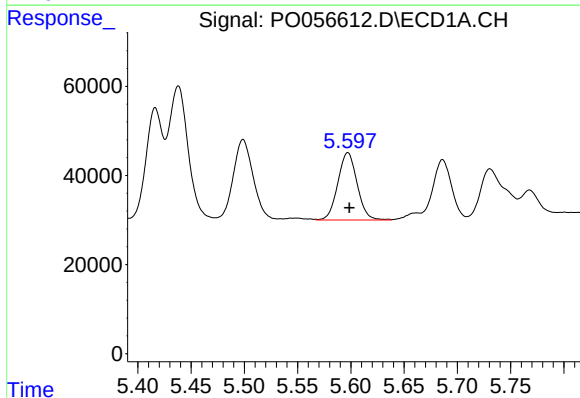
R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 236415
Conc: 145.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



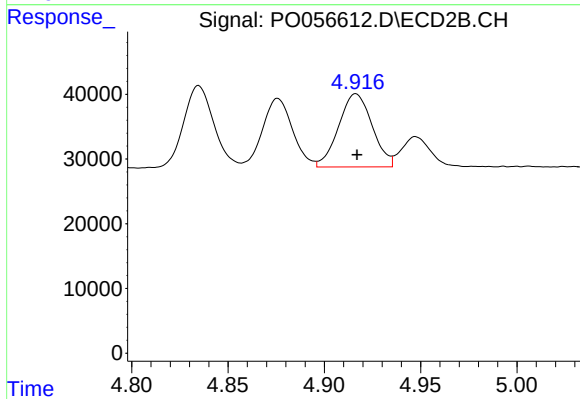
#18 AR-1242-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 136484
Conc: 138.83 ng/ml



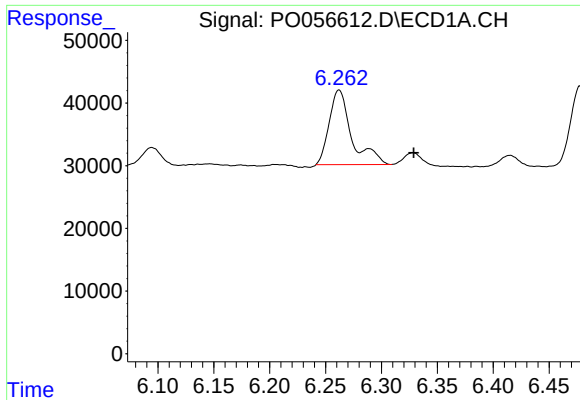
#19 AR-1242-4

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 190292
Conc: 142.36 ng/ml



#19 AR-1242-4

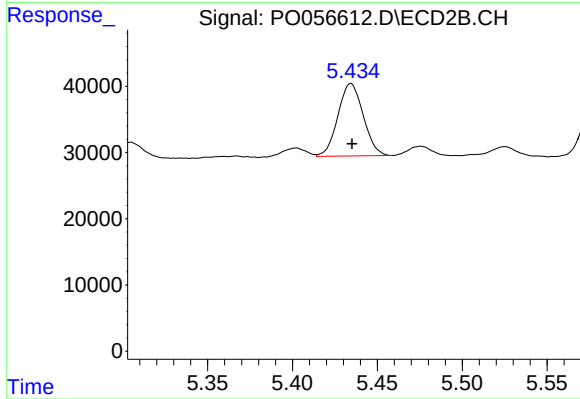
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 136877
Conc: 140.66 ng/ml



#20 AR-1242-5

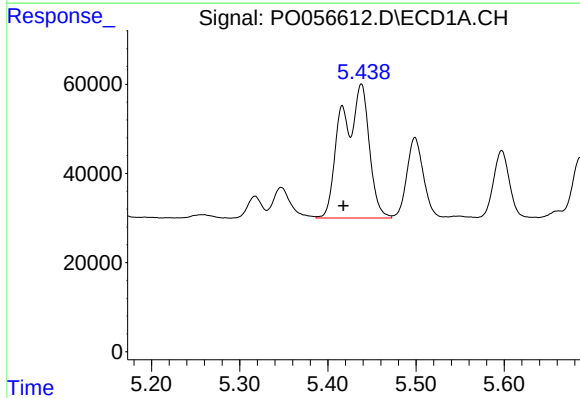
R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 165260
Conc: 100.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



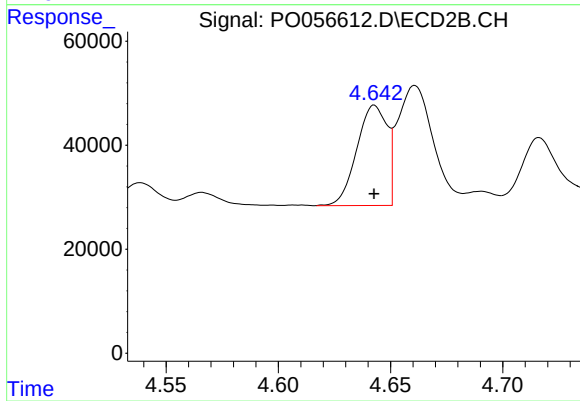
#20 AR-1242-5

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 113788
Conc: 96.25 ng/ml



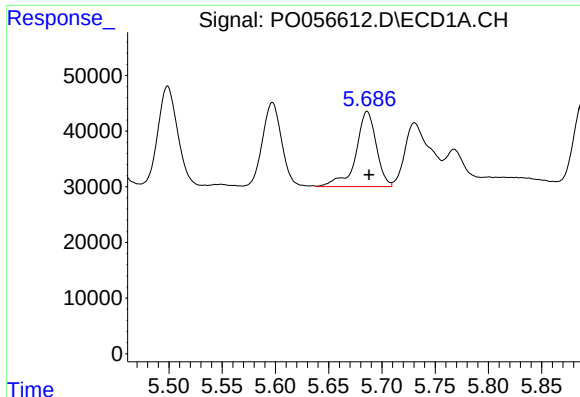
#21 AR-1248-1

R.T.: 5.438 min
Delta R.T.: 0.020 min
Response: 650569
Conc: 504.90 ng/ml



#21 AR-1248-1

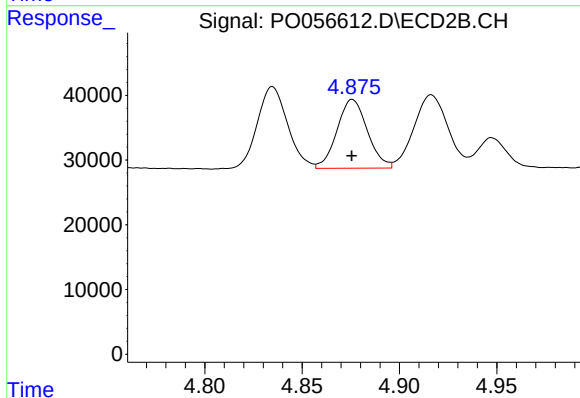
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 181439
Conc: 193.74 ng/ml



#22 AR-1248-2

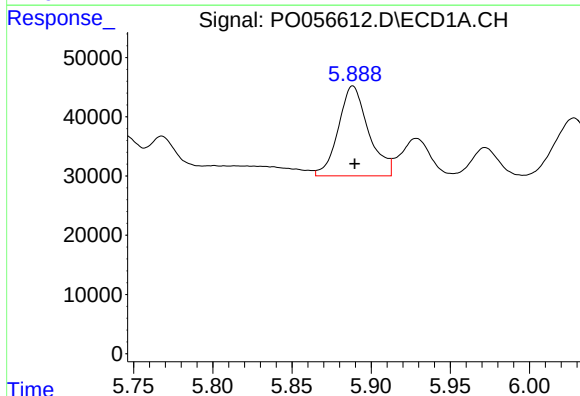
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 180693
Conc: 97.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



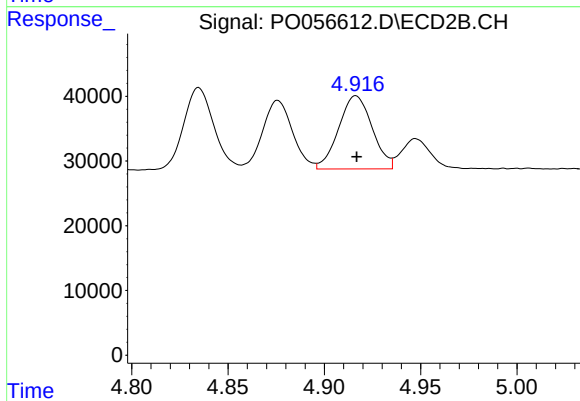
#22 AR-1248-2

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 115458
Conc: 90.88 ng/ml



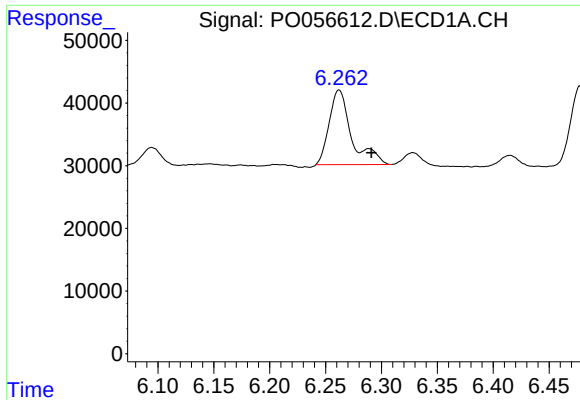
#23 AR-1248-3

R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 200845
Conc: 97.91 ng/ml



#23 AR-1248-3

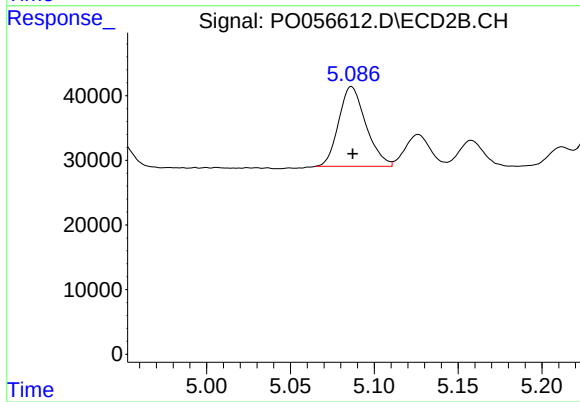
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 136877
Conc: 104.81 ng/ml



#24 AR-1248-4

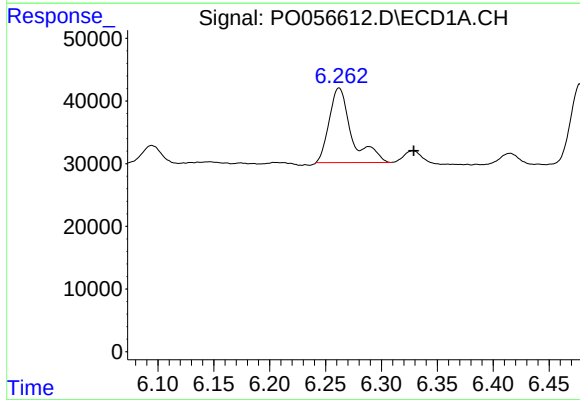
R.T.: 6.262 min
Delta R.T.: -0.029 min
Response: 165260
Conc: 71.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



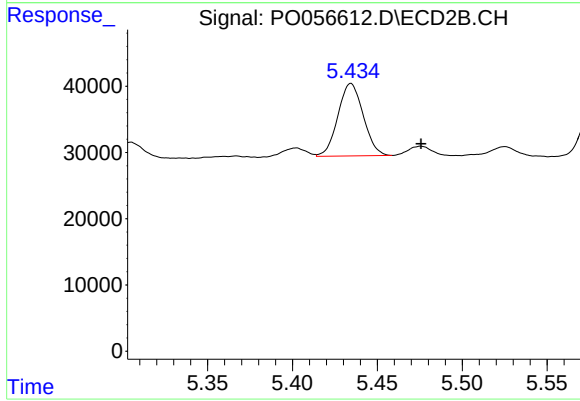
#24 AR-1248-4

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 139251
Conc: 87.93 ng/ml



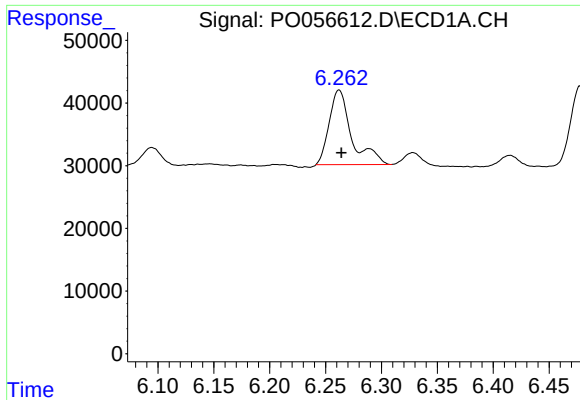
#25 AR-1248-5

R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 165260
Conc: 75.14 ng/ml



#25 AR-1248-5

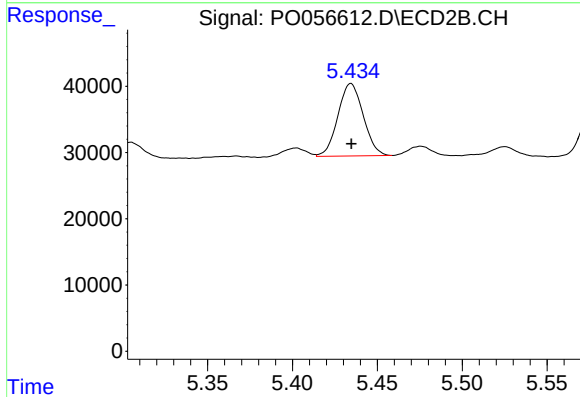
R.T.: 5.434 min
Delta R.T.: -0.041 min
Response: 113788
Conc: 68.75 ng/ml



#26 AR-1254-1

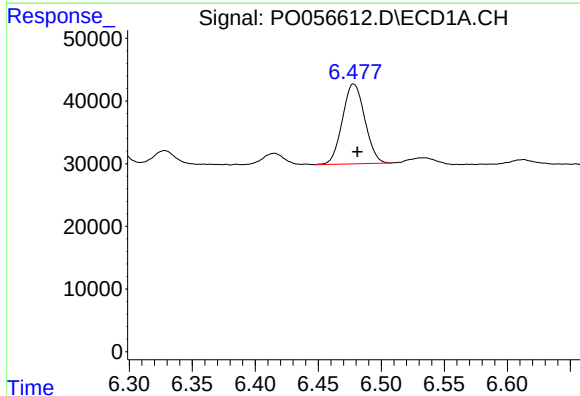
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 165260
Conc: 60.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



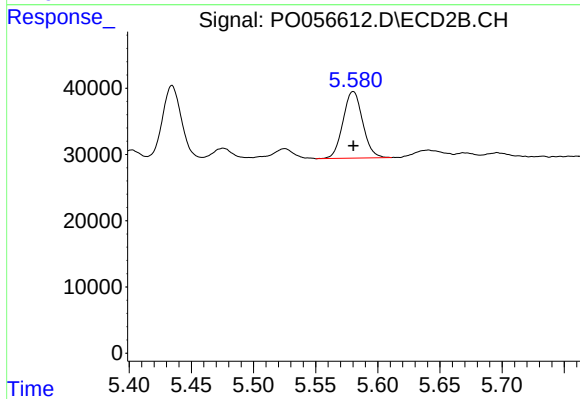
#26 AR-1254-1

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 113788
Conc: 43.02 ng/ml



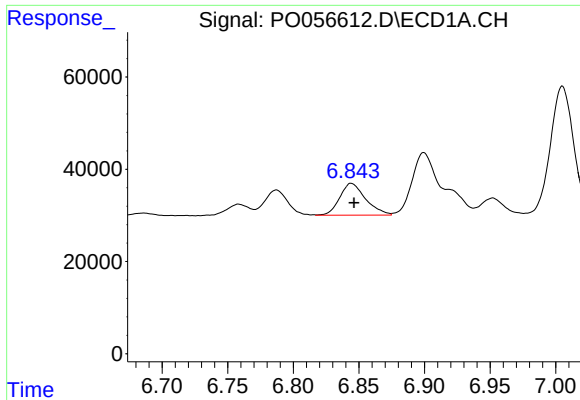
#27 AR-1254-2

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 157041
Conc: 40.43 ng/ml



#27 AR-1254-2

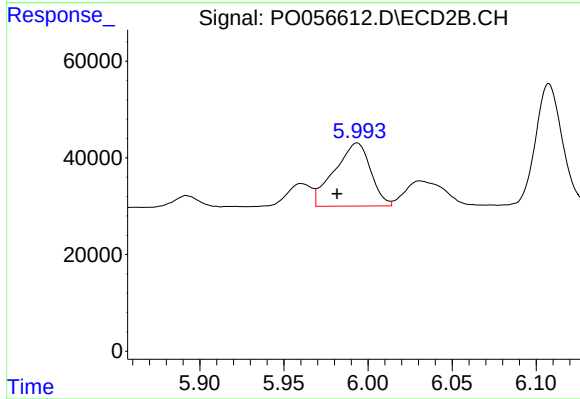
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 110935
Conc: 51.46 ng/ml



#28 AR-1254-3

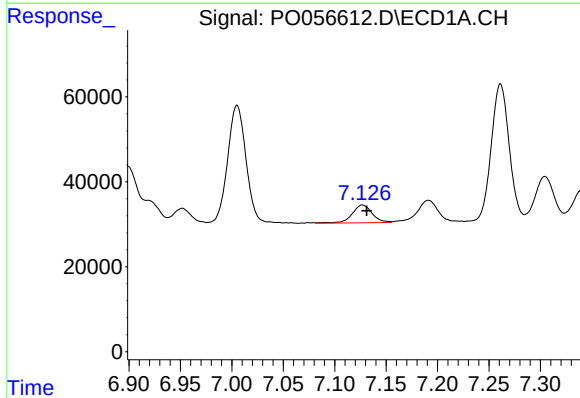
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 94396
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



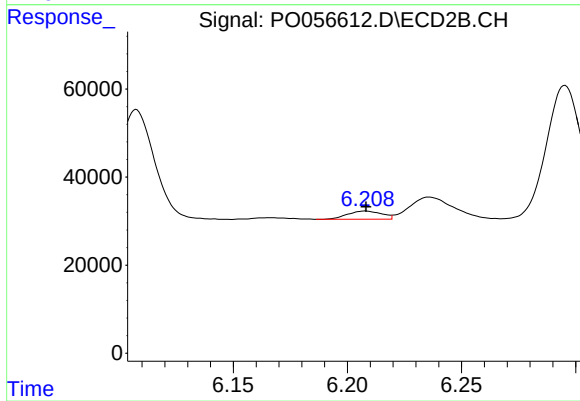
#28 AR-1254-3

R.T.: 5.994 min
Delta R.T.: 0.012 min
Response: 195324
Conc: 53.35 ng/ml



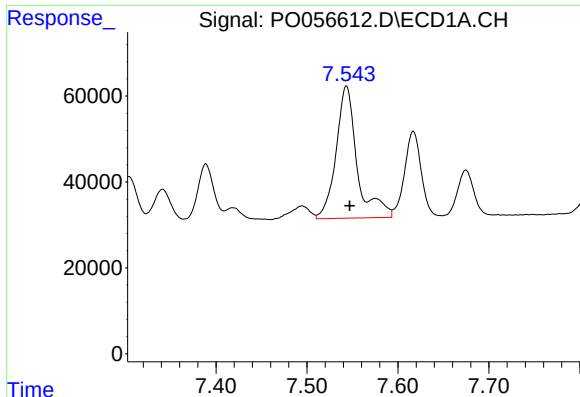
#29 AR-1254-4

R.T.: 7.127 min
Delta R.T.: -0.004 min
Response: 56478
Conc: 18.76 ng/ml



#29 AR-1254-4

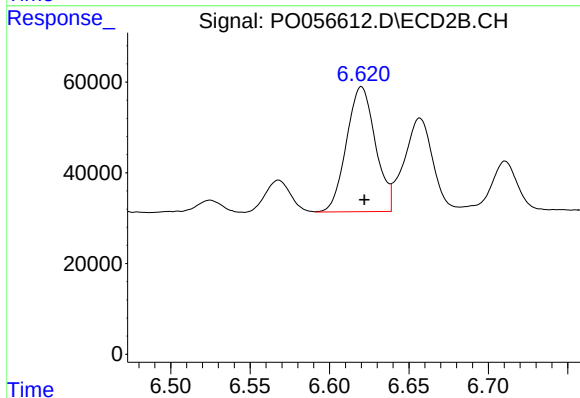
R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 19289
Conc: 8.78 ng/ml



#30 AR-1254-5

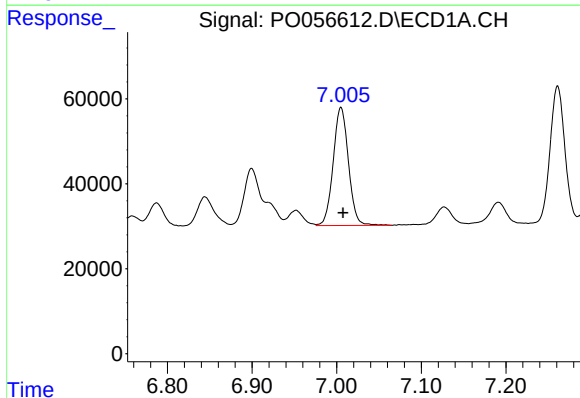
R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 494974
Conc: 131.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



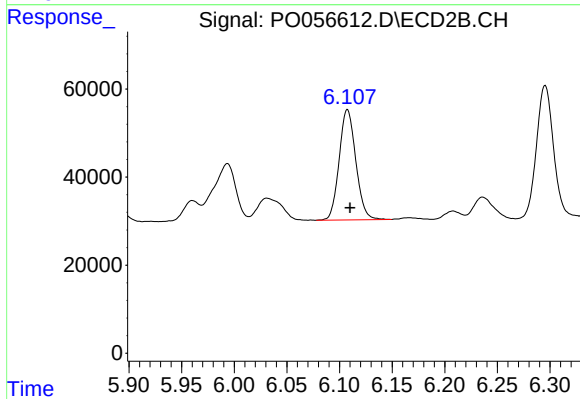
#30 AR-1254-5

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 349227
Conc: 110.16 ng/ml



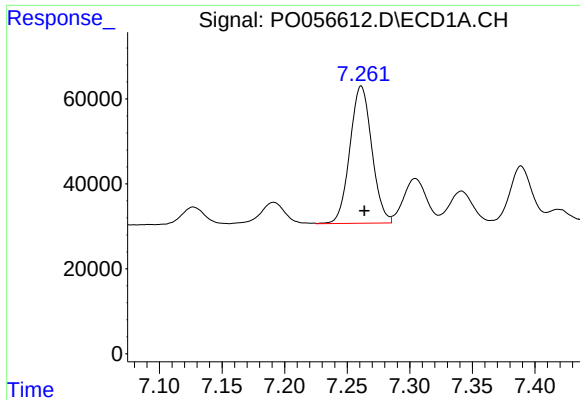
#31 AR-1260-1

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 348518
Conc: 135.81 ng/ml



#31 AR-1260-1

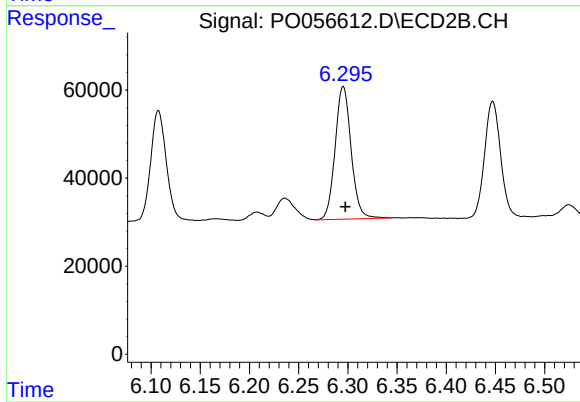
R.T.: 6.108 min
Delta R.T.: -0.003 min
Response: 276354
Conc: 138.15 ng/ml



#32 AR-1260-2

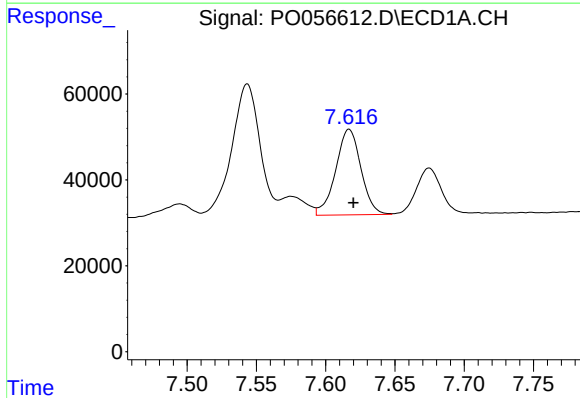
R.T.: 7.261 min
Delta R.T.: -0.003 min
Response: 394193
Conc: 130.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



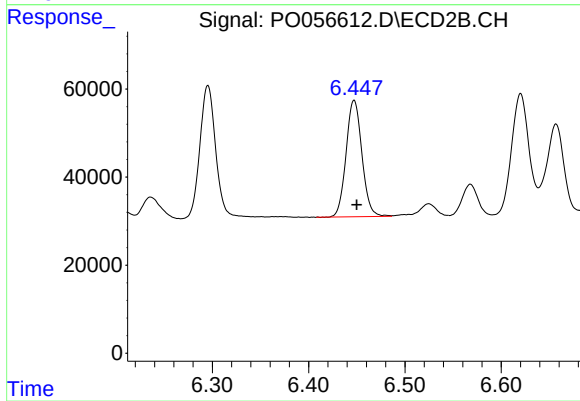
#32 AR-1260-2

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 340590
Conc: 138.17 ng/ml



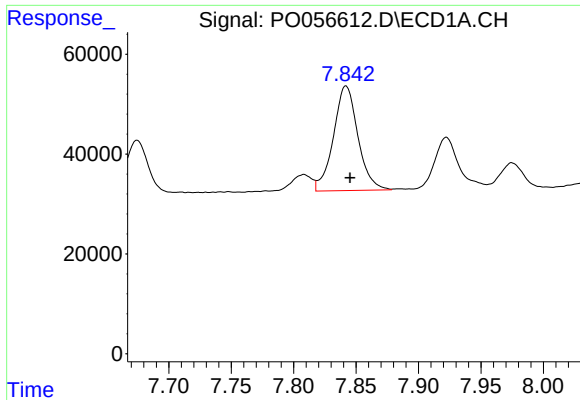
#33 AR-1260-3

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 252109
Conc: 104.65 ng/ml



#33 AR-1260-3

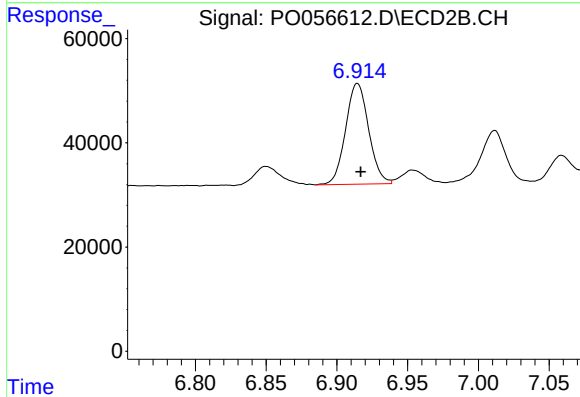
R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 301291
Conc: 134.31 ng/ml



#34 AR-1260-4

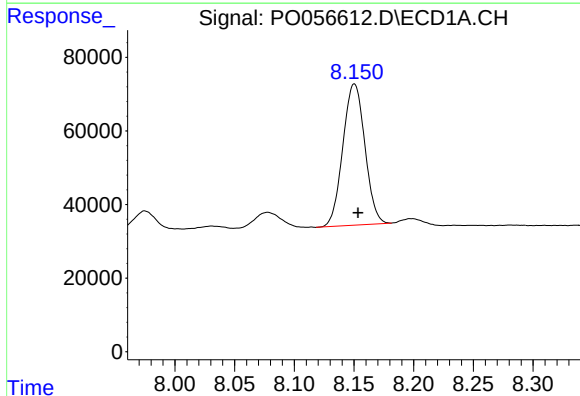
R.T.: 7.842 min
Delta R.T.: -0.003 min
Response: 286169
Conc: 109.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



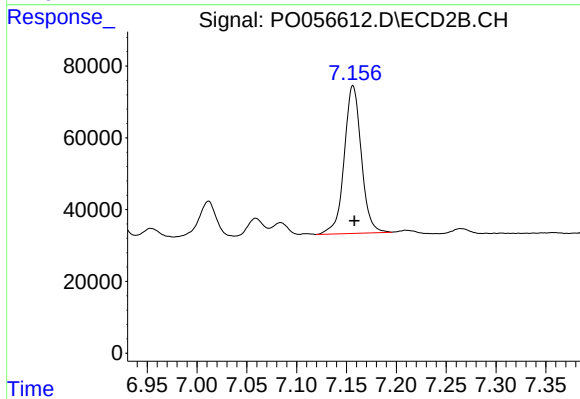
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 219341
Conc: 117.86 ng/ml



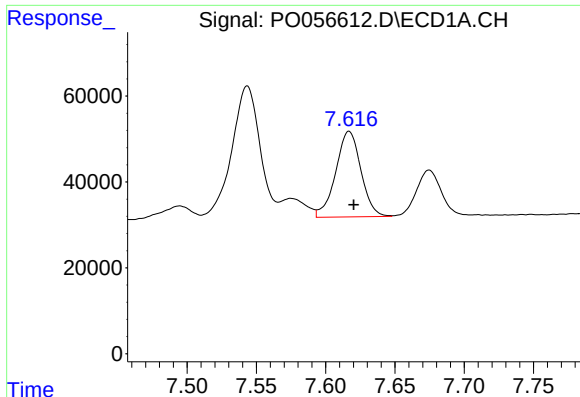
#35 AR-1260-5

R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 492764
Conc: 103.04 ng/ml



#35 AR-1260-5

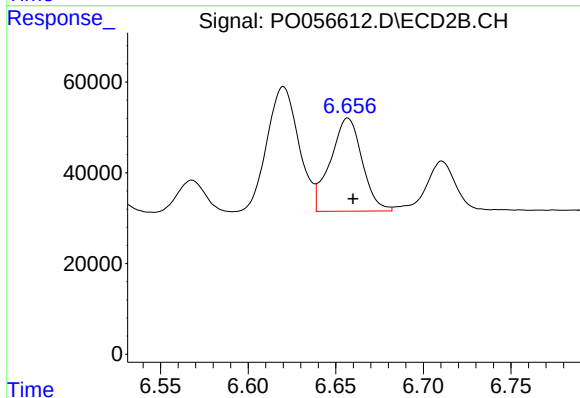
R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 489672
Conc: 113.55 ng/ml



#36 AR-1262-1

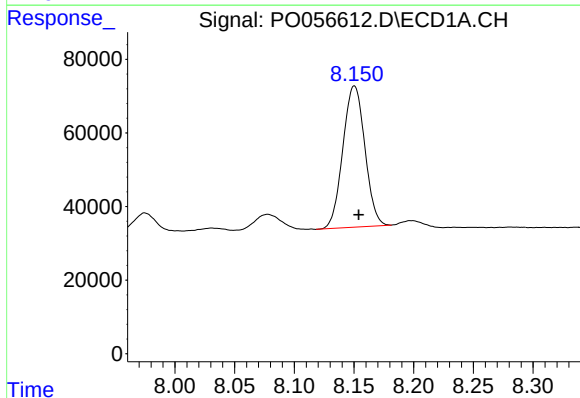
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 252109
Conc: 53.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



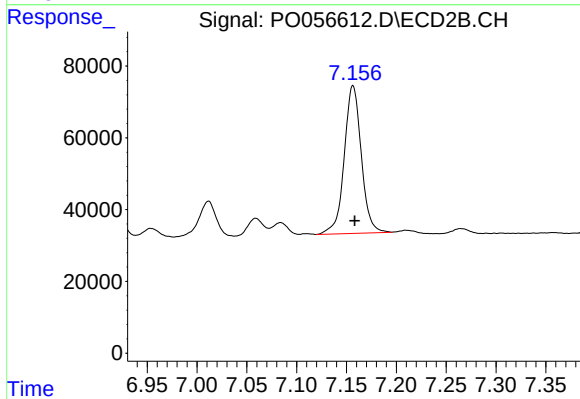
#36 AR-1262-1

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 259408
Conc: 62.15 ng/ml



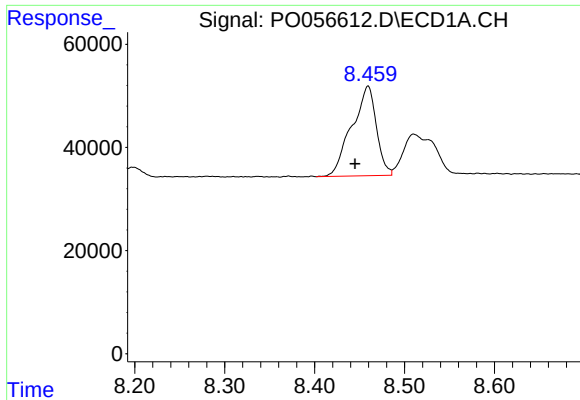
#37 AR-1262-2

R.T.: 8.150 min
Delta R.T.: -0.004 min
Response: 492764
Conc: 64.64 ng/ml



#37 AR-1262-2

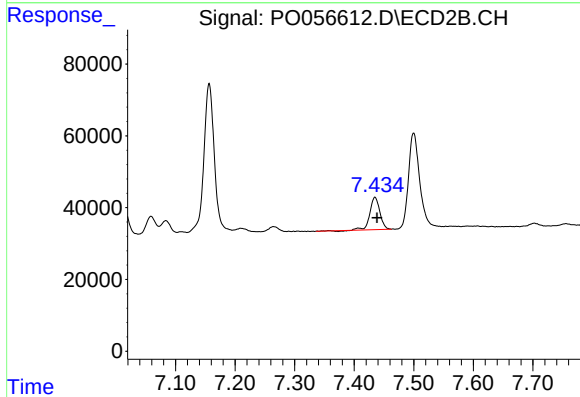
R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 489672
Conc: 71.27 ng/ml



#38 AR-1262-3

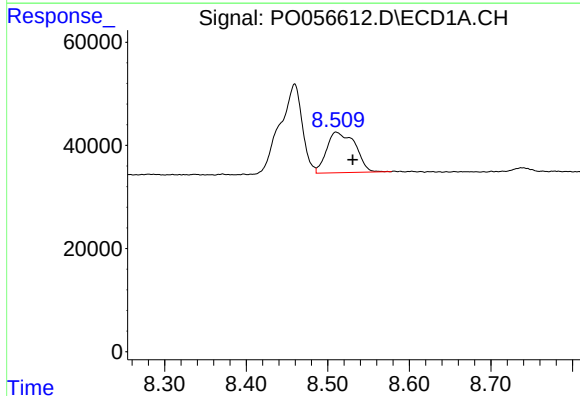
R.T.: 8.459 min
Delta R.T.: 0.014 min
Response: 329829
Conc: 63.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



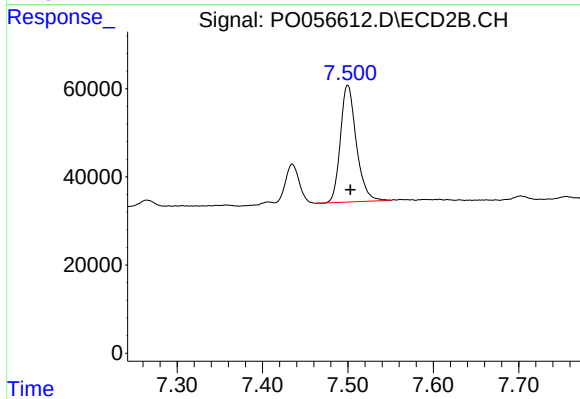
#38 AR-1262-3

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 103829
Conc: 35.16 ng/ml



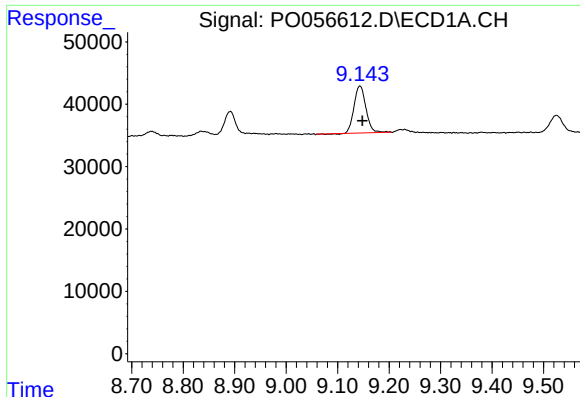
#39 AR-1262-4

R.T.: 8.511 min
Delta R.T.: -0.019 min
Response: 191433
Conc: 44.84 ng/ml



#39 AR-1262-4

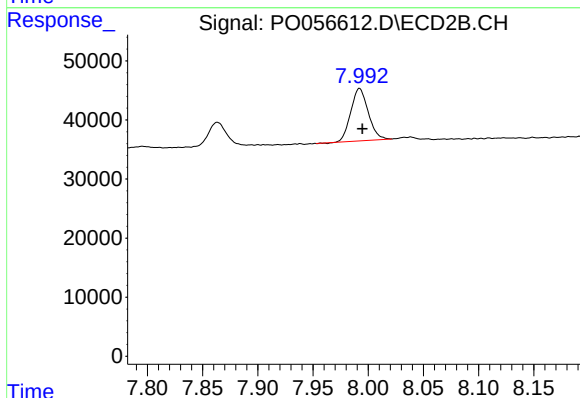
R.T.: 7.500 min
Delta R.T.: -0.003 min
Response: 343399
Conc: 65.90 ng/ml



#40 AR-1262-5

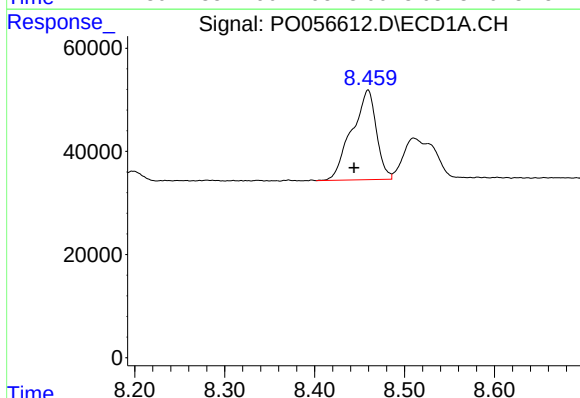
R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 120773
Conc: 43.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



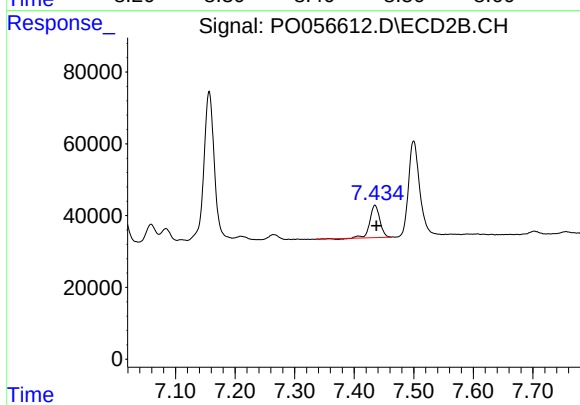
#40 AR-1262-5

R.T.: 7.992 min
Delta R.T.: -0.003 min
Response: 97149
Conc: 41.84 ng/ml



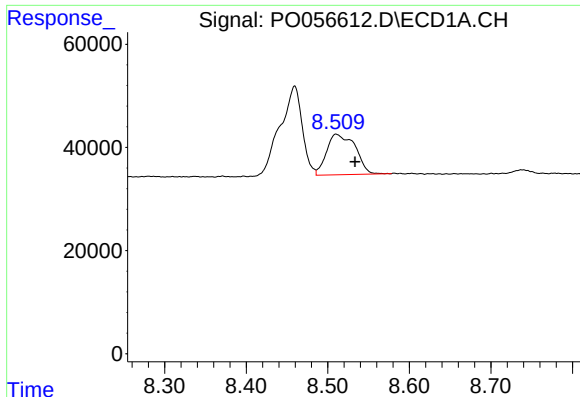
#41 AR-1268-1

R.T.: 8.459 min
Delta R.T.: 0.015 min
Response: 329829
Conc: 40.53 ng/ml



#41 AR-1268-1

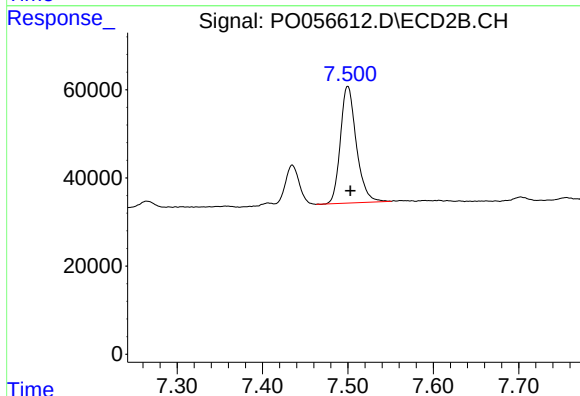
R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 103829
Conc: 13.91 ng/ml



#42 AR-1268-2

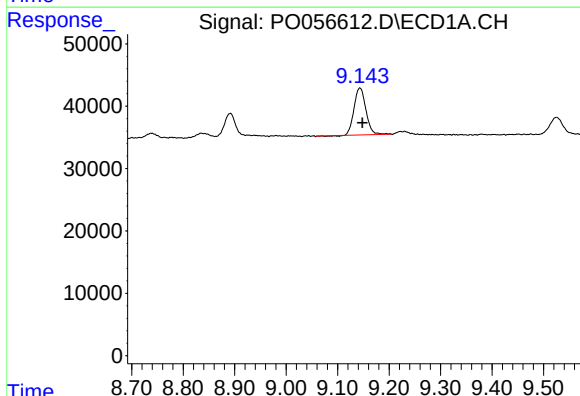
R.T.: 8.511 min
Delta R.T.: -0.023 min
Response: 191433
Conc: 23.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



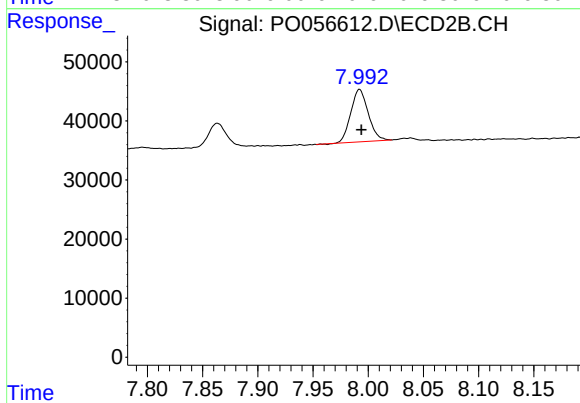
#42 AR-1268-2

R.T.: 7.500 min
Delta R.T.: -0.003 min
Response: 343399
Conc: 49.18 ng/ml



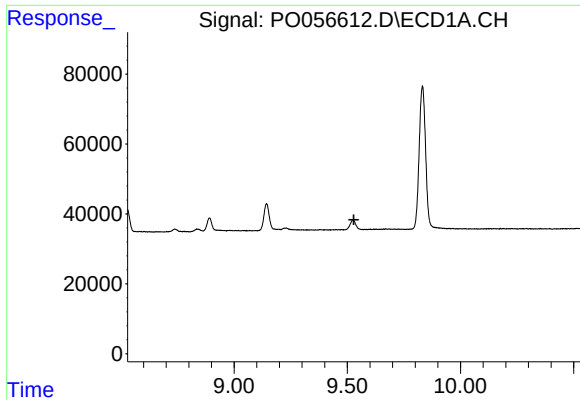
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 120773
Conc: 44.29 ng/ml



#44 AR-1268-4

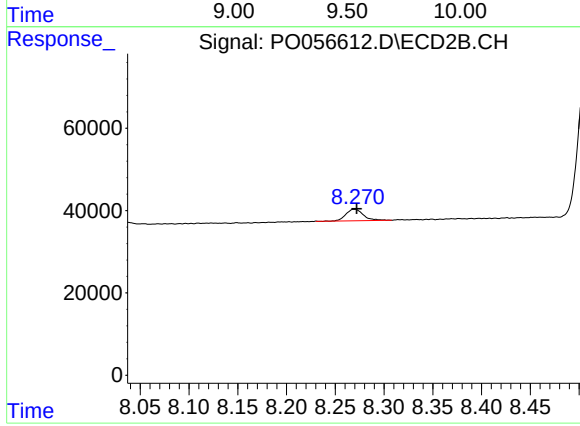
R.T.: 7.992 min
Delta R.T.: -0.002 min
Response: 97149
Conc: 41.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 35081
Conc: 2.03 ng/ml