

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : PO061658.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 20:27
 Operator : HP/AJ
 Sample : K5148-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:34:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.381	3.540	1137267	891140	27.729	27.556
2)	SA Decachlor...	10.048	8.406	773872	530415	16.617	16.383
Target Compounds							
3)	L1 AR-1016-1	5.543	4.591	21056	27429	11.483	20.399 #
4)	L1 AR-1016-2	5.567	4.615	14587	132029	5.643	71.238 #
5)	L1 AR-1016-3	5.633	4.778	11131	68922	6.929	68.804 #
6)	L1 AR-1016-4	5.702	4.821	649568	94861	485.860	109.468 #
7)	L1 AR-1016-5	6.003	5.031	391499	216767	285.469	189.907 #
8)	L2 AR-1221-1	4.584	3.741	2172	8307	4.699	20.979 #
9)	L2 AR-1221-2	4.663	3.808	5615	46504	15.641	150.795 #
10)	L2 AR-1221-3	4.765	3.883	27505	10271	24.159	11.261 #
11)	L3 AR-1232-1	4.765	3.883	27505	10271	19.669	9.148 #
12)	L3 AR-1232-2	5.256	4.591	22642	27429	28.860	22.471
13)	L3 AR-1232-3	5.543	4.778	21056	68922	12.323	104.387 #
14)	L3 AR-1232-4	5.702	4.821	649568	94861	734.152	150.489 #
15)	L3 AR-1232-5	5.816	5.031	107361	216767	154.847	315.918 #
16)	L4 AR-1242-1	5.543	4.591	21056	27429	14.827	26.773 #
17)	L4 AR-1242-2	5.567	4.615	14587	132029	7.258	93.623 #
18)	L4 AR-1242-3	5.633	4.778	11131	68922	8.821	88.262 #
19)	L4 AR-1242-4	5.702	4.880	649568	85848	618.184	104.616 #
20)	L4 AR-1242-5	6.484	5.369	226931	766970	169.669	715.962 #
21)	L5 AR-1248-1	5.543	4.591	21056	27429	17.923	30.654 #
22)	L5 AR-1248-2	5.816	4.821	107361	94861	63.634	80.509 #
23)	L5 AR-1248-3	6.003	4.880	391499	85848	209.488	69.161 #
24)	L5 AR-1248-4	6.431	5.031	1355171	216767	573.535	144.194 #
25)	L5 AR-1248-5	6.484	5.412	226931	146905	100.083	95.756
26)	L6 AR-1254-1	6.383	5.369	426895	766970	187.120	349.689 #
27)	L6 AR-1254-2	6.614	5.513	963710	268192	266.729	136.799 #
28)	L6 AR-1254-3	6.983	5.907	864921	329118	221.357	103.374 #
29)	L6 AR-1254-4	7.240	6.132	83290	280515	27.501	138.263 #
30)	L6 AR-1254-5	7.679	6.541	382767	319472	121.884	112.949
31)	L7 AR-1260-1	7.139	6.036	239137	298376	91.605	146.277 #
32)	L7 AR-1260-2	7.391	6.219	903190	231426	283.310	96.358 #
33)	L7 AR-1260-3	7.749	6.368	91187	184014	37.965	81.671 #
34)	L7 AR-1260-4	7.969	6.832	201785	44782	75.517	24.256 #
35)	L7 AR-1260-5	8.293	7.071	134652	79338	27.213	20.376 #
36)	L8 AR-1262-1	7.749	6.608	91187	27486	23.800	22.518
37)	L8 AR-1262-2	8.293	7.071	134652	79338	21.690	17.255
38)	L8 AR-1262-3	8.612	7.351	138046	41749	33.214	22.162 #
39)	L8 AR-1262-4	8.685	7.412	103126	108940	32.667	32.415
40)	L8 AR-1262-5	9.323	7.902	37007	16475	18.198	10.868 #
41)	L9 AR-1268-1	8.612	7.351	138046	41749	20.529	8.645 #

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Sample : K5148-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

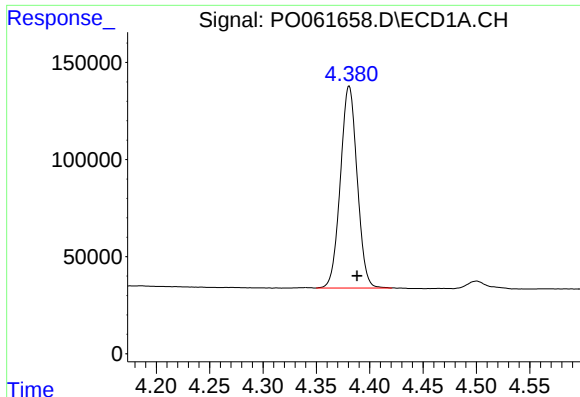
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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	8.685	7.412	103126	108940	16.654	25.277 #
43)	L9 AR-1268-3	8.903	7.619	44239	25049	8.654	6.989
44)	L9 AR-1268-4	9.323	7.902	37007	16475	16.925	10.237 #
45)	L9 AR-1268-5	9.723	8.172	40285	35078	2.682	3.488 #

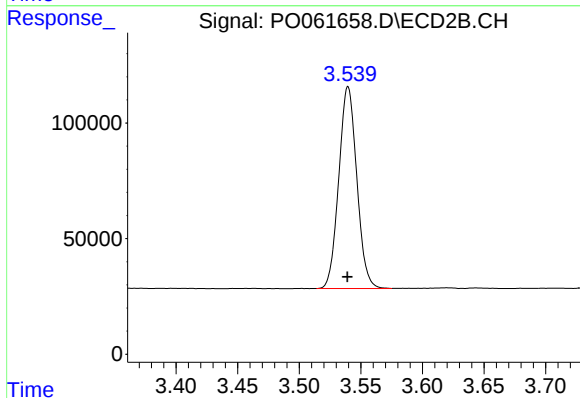
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

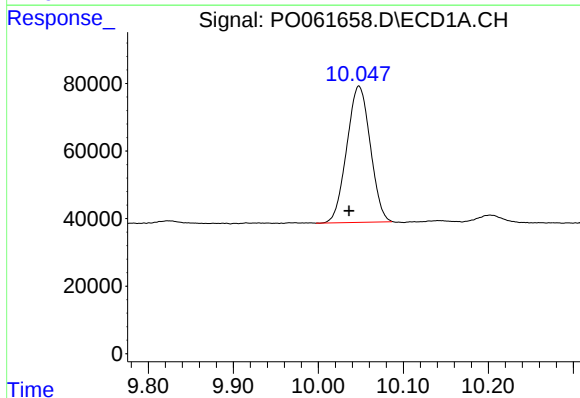
R.T.: 4.381 min
Delta R.T.: -0.007 min
Response: 1137267
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



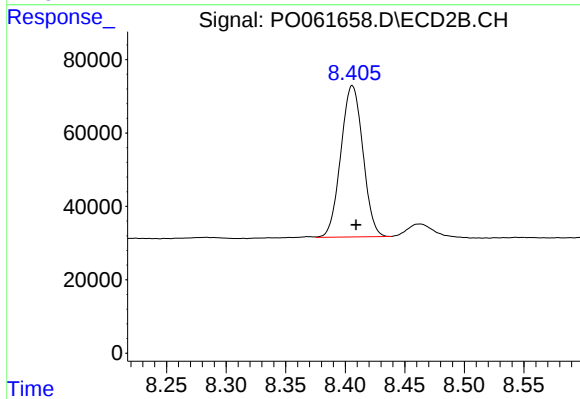
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 891140
Conc: 27.56 ng/ml



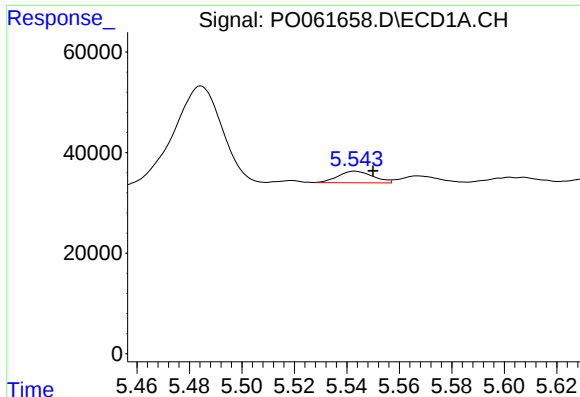
#2 Decachlorobiphenyl

R.T.: 10.048 min
Delta R.T.: 0.012 min
Response: 773872
Conc: 16.62 ng/ml



#2 Decachlorobiphenyl

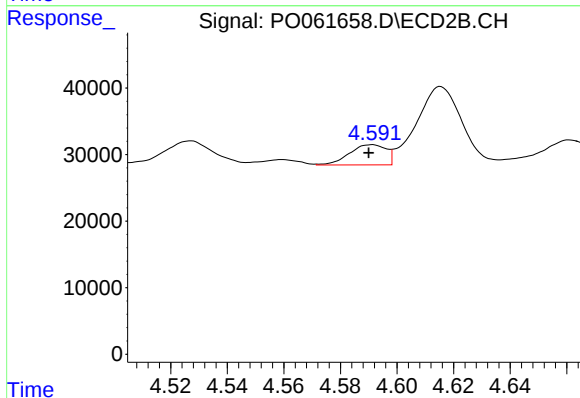
R.T.: 8.406 min
Delta R.T.: -0.003 min
Response: 530415
Conc: 16.38 ng/ml



#3 AR-1016-1

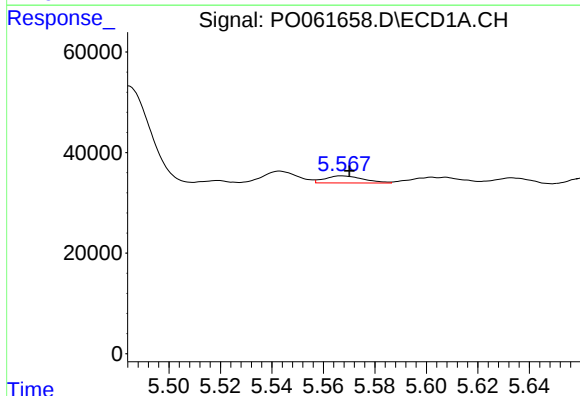
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 21056
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



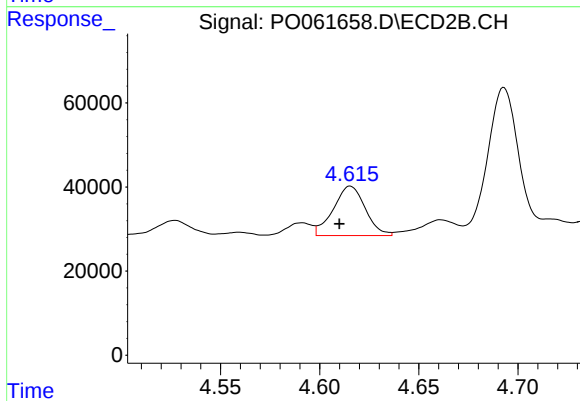
#3 AR-1016-1

R.T.: 4.591 min
Delta R.T.: 0.001 min
Response: 27429
Conc: 20.40 ng/ml



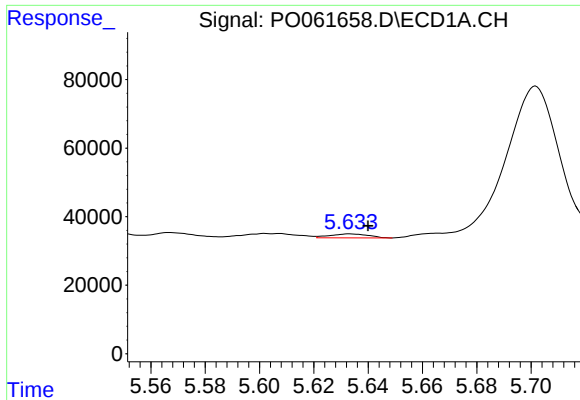
#4 AR-1016-2

R.T.: 5.567 min
Delta R.T.: -0.003 min
Response: 14587
Conc: 5.64 ng/ml



#4 AR-1016-2

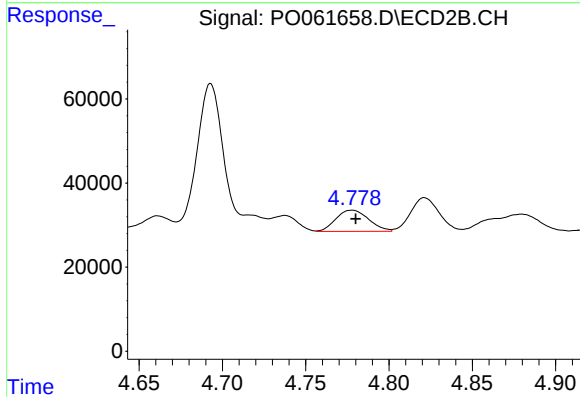
R.T.: 4.615 min
Delta R.T.: 0.005 min
Response: 132029
Conc: 71.24 ng/ml



#5 AR-1016-3

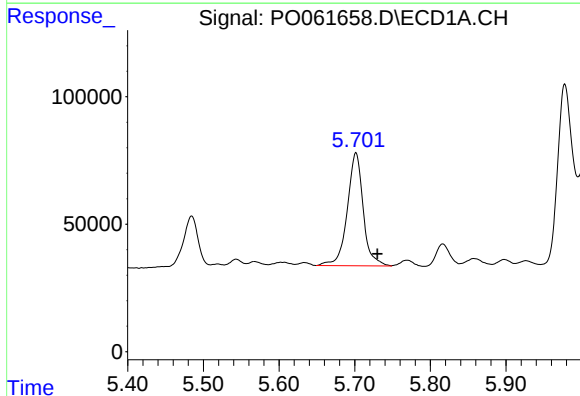
R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 11131
Conc: 6.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



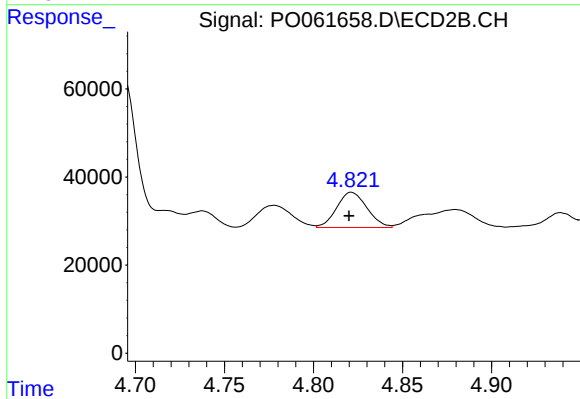
#5 AR-1016-3

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 68922
Conc: 68.80 ng/ml



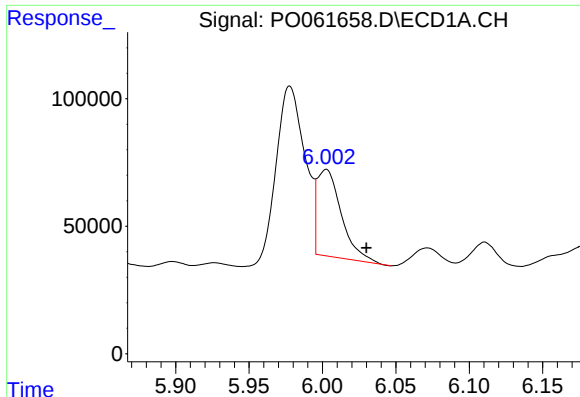
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: -0.028 min
Response: 649568
Conc: 485.86 ng/ml



#6 AR-1016-4

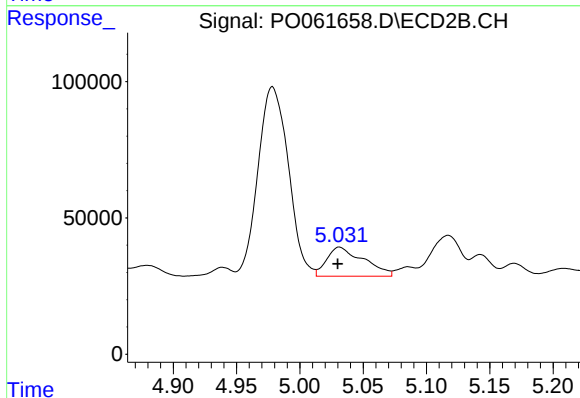
R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 94861
Conc: 109.47 ng/ml



#7 AR-1016-5

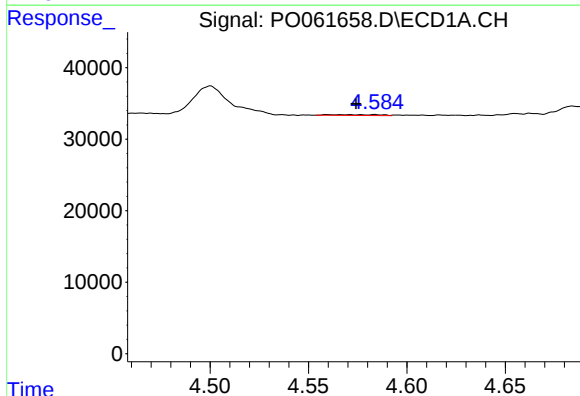
R.T.: 6.003 min
Delta R.T.: -0.027 min
Response: 391499
Conc: 285.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



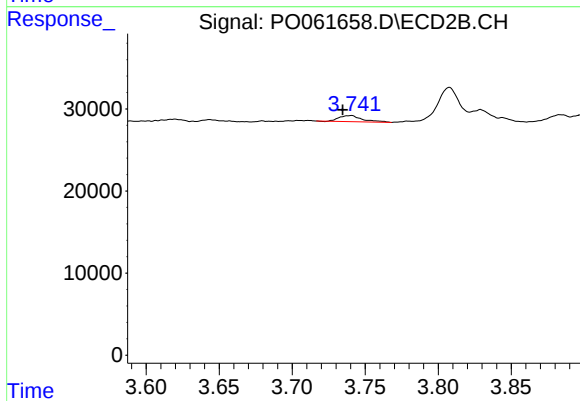
#7 AR-1016-5

R.T.: 5.031 min
Delta R.T.: 0.001 min
Response: 216767
Conc: 189.91 ng/ml



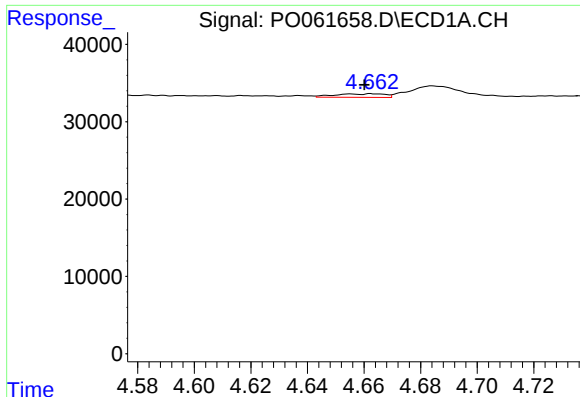
#8 AR-1221-1

R.T.: 4.584 min
Delta R.T.: 0.010 min
Response: 2172
Conc: 4.70 ng/ml



#8 AR-1221-1

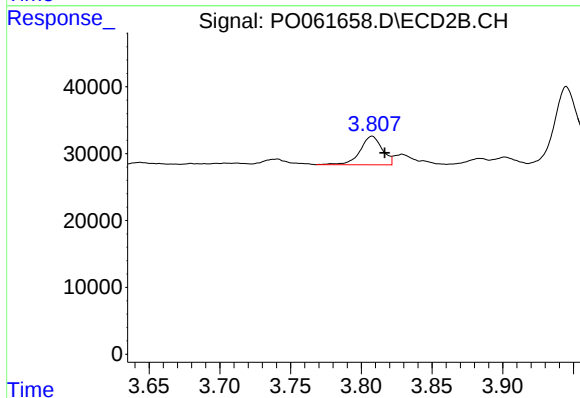
R.T.: 3.741 min
Delta R.T.: 0.007 min
Response: 8307
Conc: 20.98 ng/ml



#9 AR-1221-2

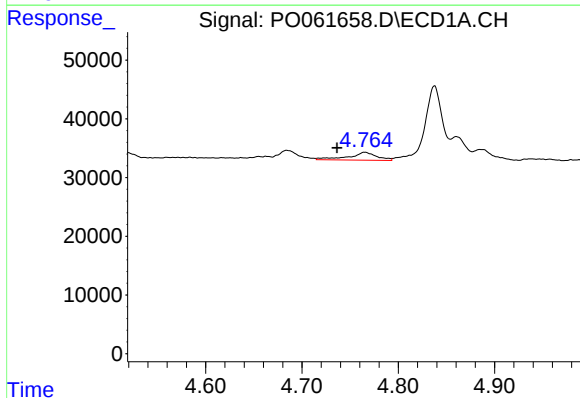
R.T.: 4.663 min
Delta R.T.: 0.003 min
Response: 5615
Conc: 15.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



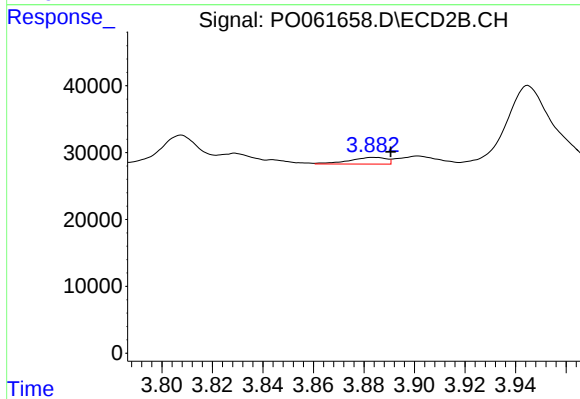
#9 AR-1221-2

R.T.: 3.808 min
Delta R.T.: -0.009 min
Response: 46504
Conc: 150.80 ng/ml



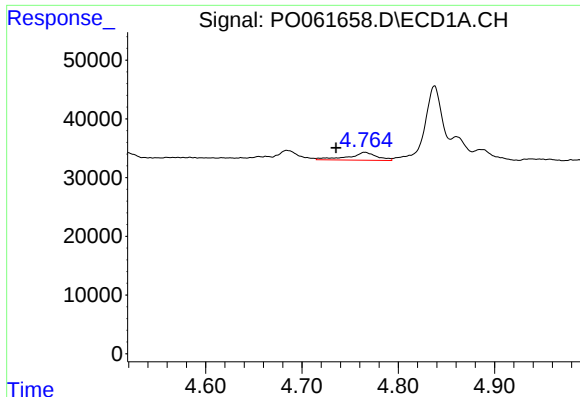
#10 AR-1221-3

R.T.: 4.765 min
Delta R.T.: 0.029 min
Response: 27505
Conc: 24.16 ng/ml



#10 AR-1221-3

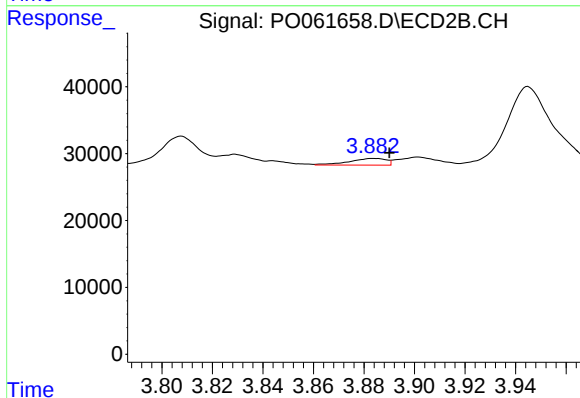
R.T.: 3.883 min
Delta R.T.: -0.008 min
Response: 10271
Conc: 11.26 ng/ml



#11 AR-1232-1

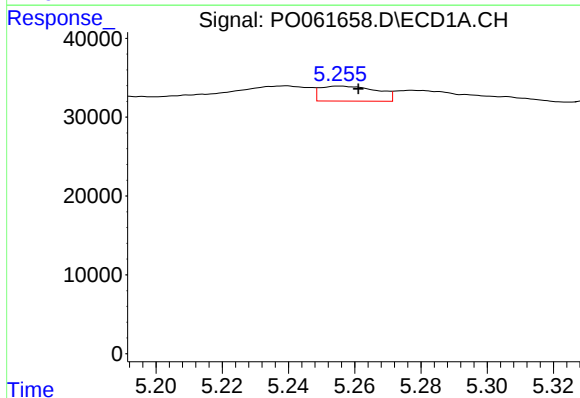
R.T.: 4.765 min
Delta R.T.: 0.030 min
Response: 27505
Conc: 19.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



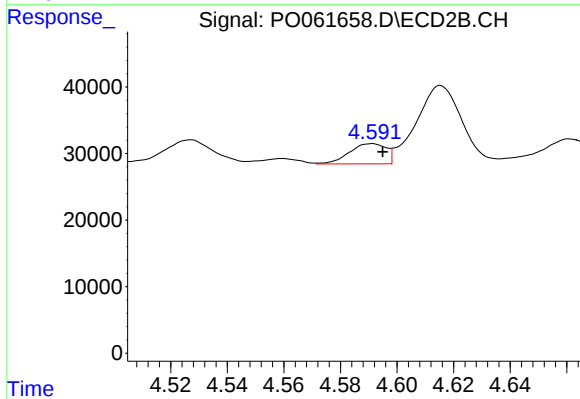
#11 AR-1232-1

R.T.: 3.883 min
Delta R.T.: -0.007 min
Response: 10271
Conc: 9.15 ng/ml



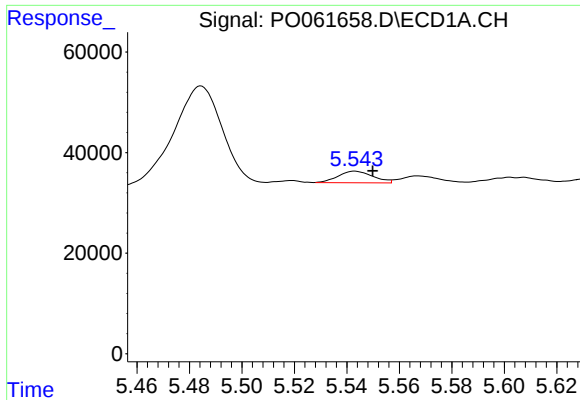
#12 AR-1232-2

R.T.: 5.256 min
Delta R.T.: -0.006 min
Response: 22642
Conc: 28.86 ng/ml



#12 AR-1232-2

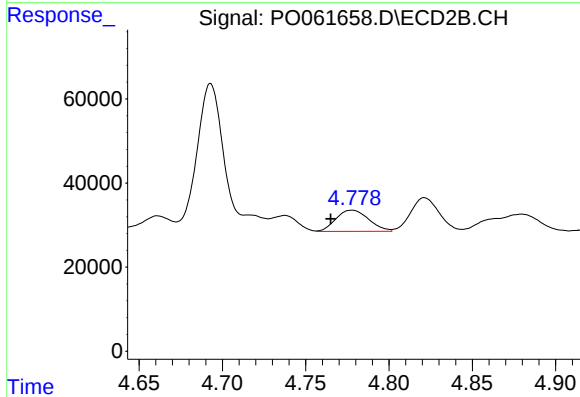
R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 27429
Conc: 22.47 ng/ml



#13 AR-1232-3

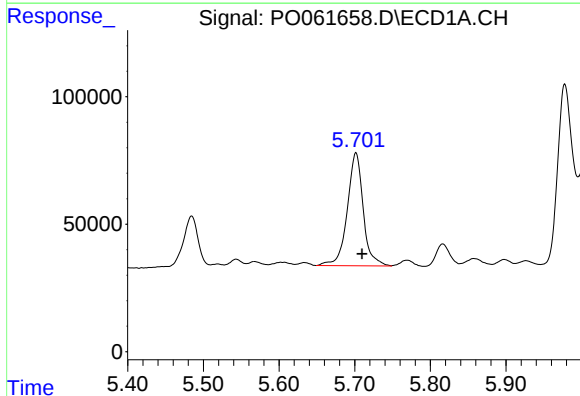
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 21056
Conc: 12.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



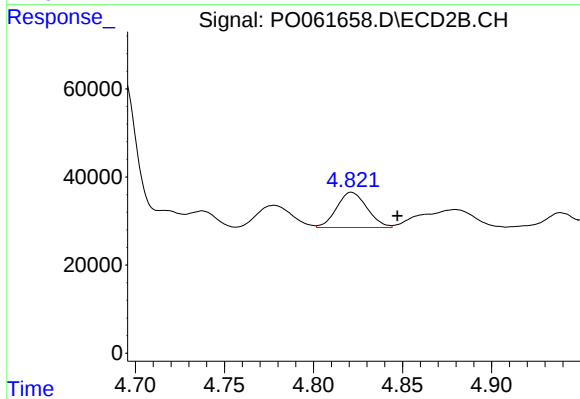
#13 AR-1232-3

R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 68922
Conc: 104.39 ng/ml



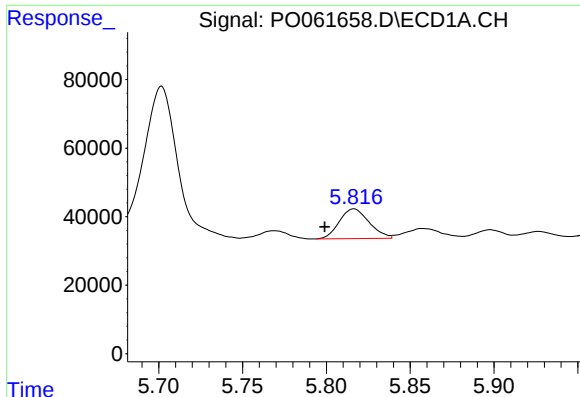
#14 AR-1232-4

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 649568
Conc: 734.15 ng/ml



#14 AR-1232-4

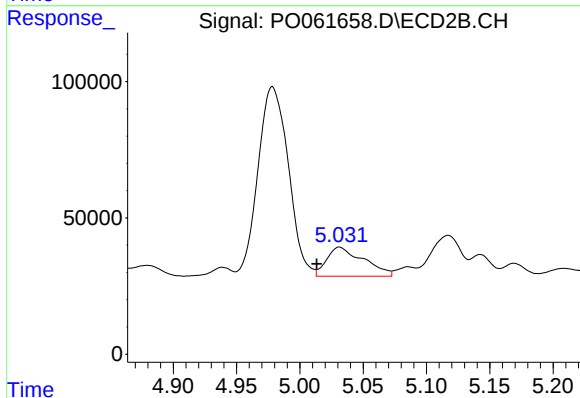
R.T.: 4.821 min
Delta R.T.: -0.026 min
Response: 94861
Conc: 150.49 ng/ml



#15 AR-1232-5

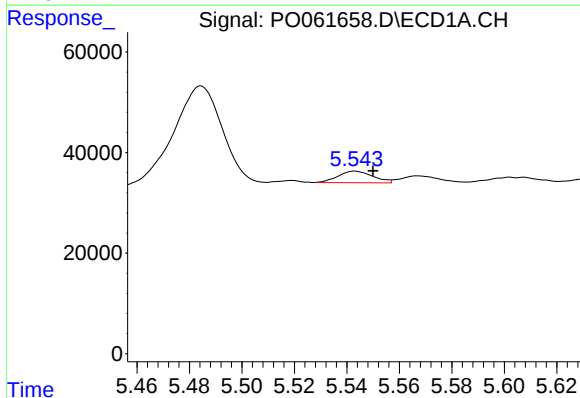
R.T.: 5.816 min
Delta R.T.: 0.017 min
Response: 107361
Conc: 154.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



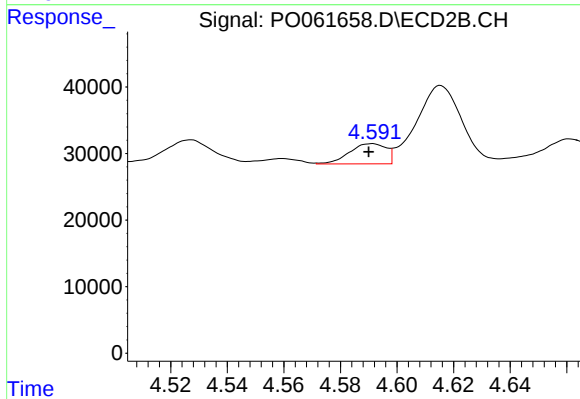
#15 AR-1232-5

R.T.: 5.031 min
Delta R.T.: 0.018 min
Response: 216767
Conc: 315.92 ng/ml



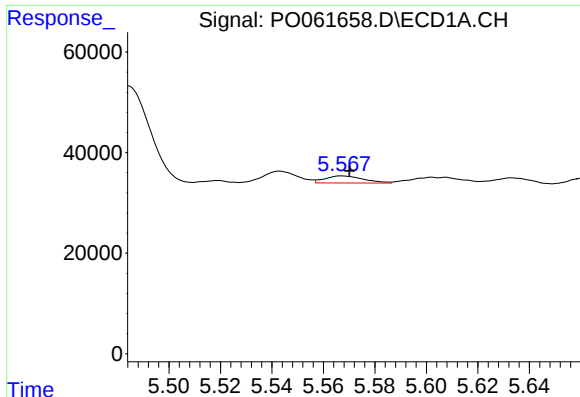
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 21056
Conc: 14.83 ng/ml



#16 AR-1242-1

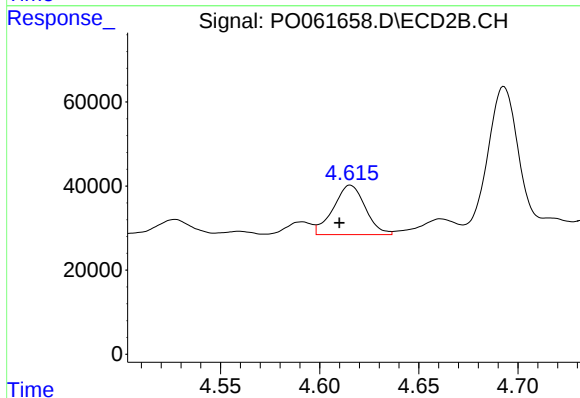
R.T.: 4.591 min
Delta R.T.: 0.001 min
Response: 27429
Conc: 26.77 ng/ml



#17 AR-1242-2

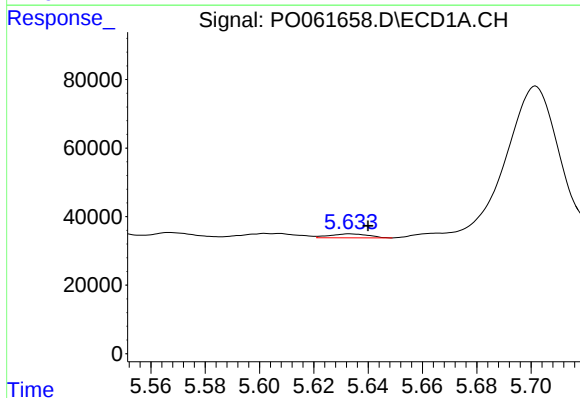
R.T.: 5.567 min
Delta R.T.: -0.003 min
Response: 14587
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



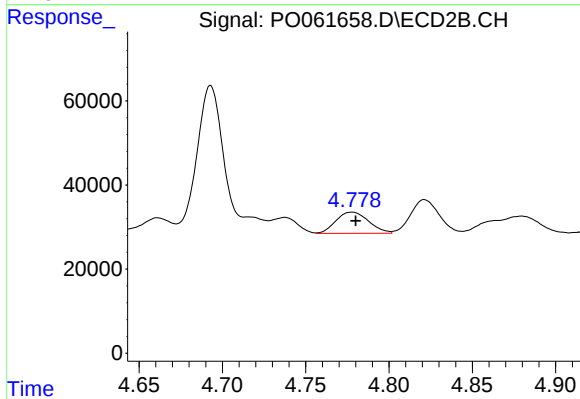
#17 AR-1242-2

R.T.: 4.615 min
Delta R.T.: 0.005 min
Response: 132029
Conc: 93.62 ng/ml



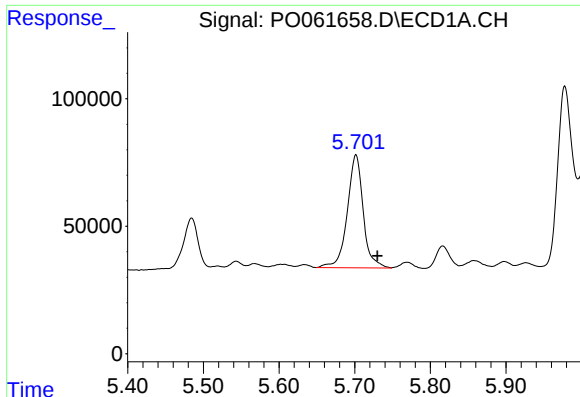
#18 AR-1242-3

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 11131
Conc: 8.82 ng/ml



#18 AR-1242-3

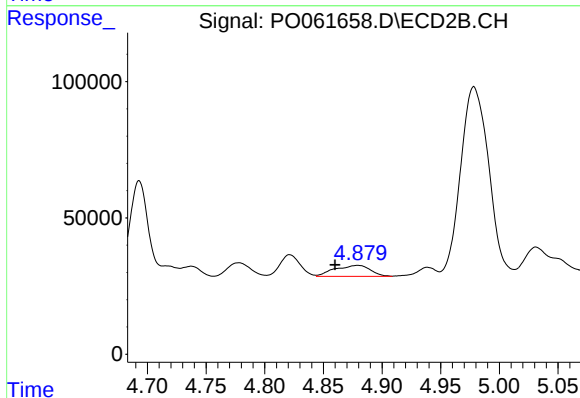
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 68922
Conc: 88.26 ng/ml



#19 AR-1242-4

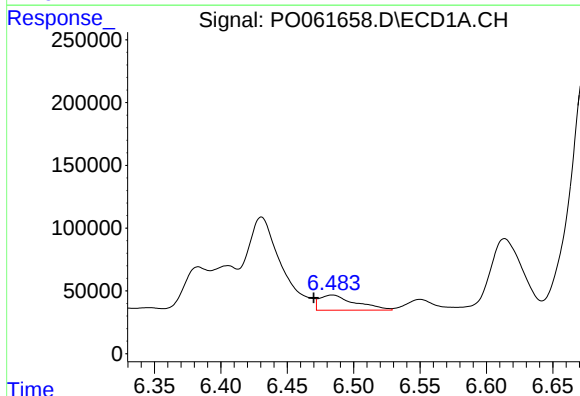
R.T.: 5.702 min
Delta R.T.: -0.028 min
Response: 649568
Conc: 618.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



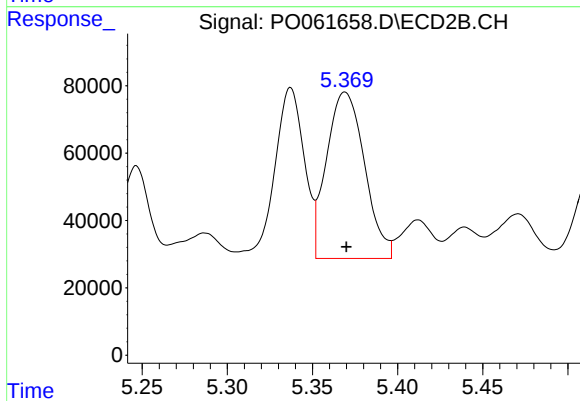
#19 AR-1242-4

R.T.: 4.880 min
Delta R.T.: 0.020 min
Response: 85848
Conc: 104.62 ng/ml



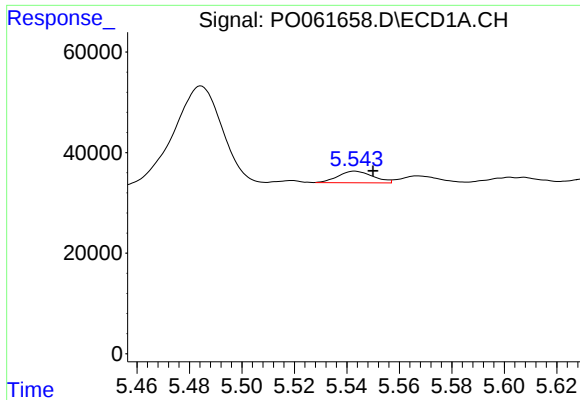
#20 AR-1242-5

R.T.: 6.484 min
Delta R.T.: 0.014 min
Response: 226931
Conc: 169.67 ng/ml



#20 AR-1242-5

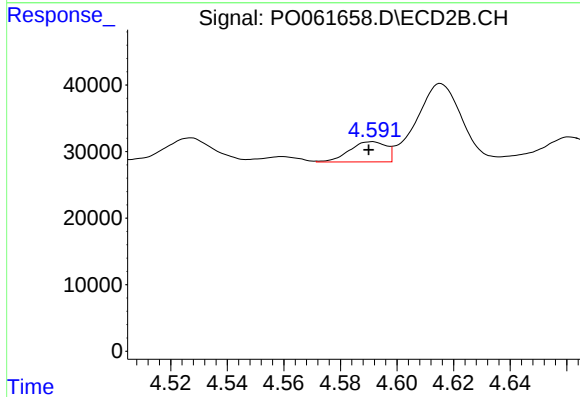
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 766970
Conc: 715.96 ng/ml



#21 AR-1248-1

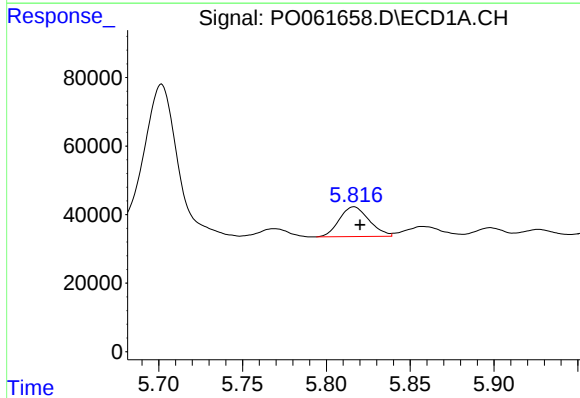
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 21056
Conc: 17.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



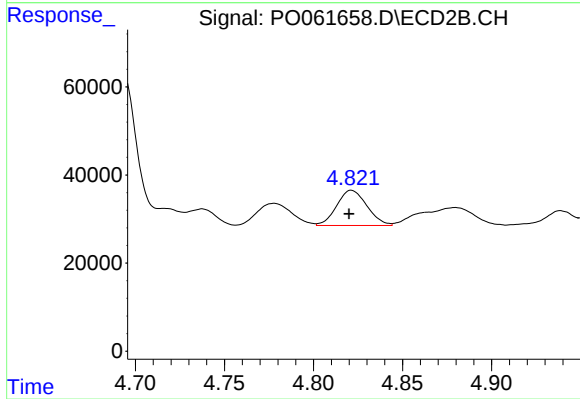
#21 AR-1248-1

R.T.: 4.591 min
Delta R.T.: 0.001 min
Response: 27429
Conc: 30.65 ng/ml



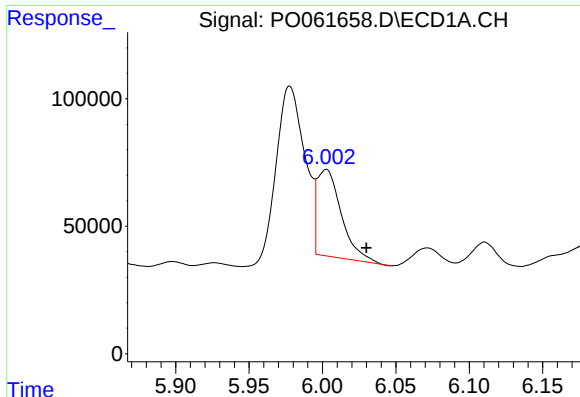
#22 AR-1248-2

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 107361
Conc: 63.63 ng/ml



#22 AR-1248-2

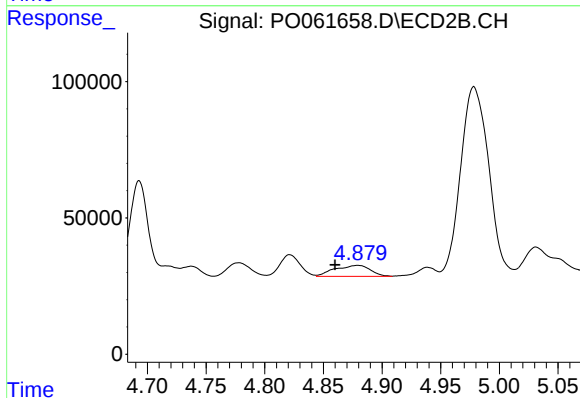
R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 94861
Conc: 80.51 ng/ml



#23 AR-1248-3

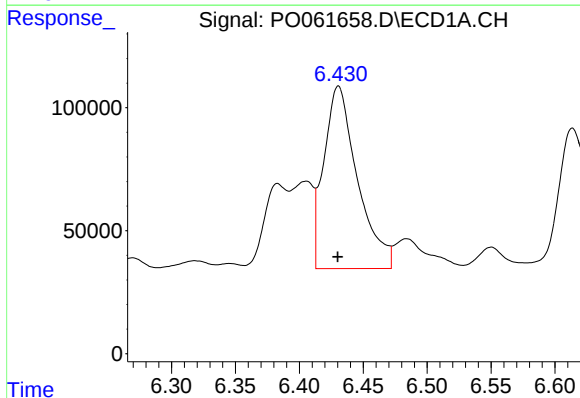
R.T.: 6.003 min
Delta R.T.: -0.027 min
Response: 391499
Conc: 209.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



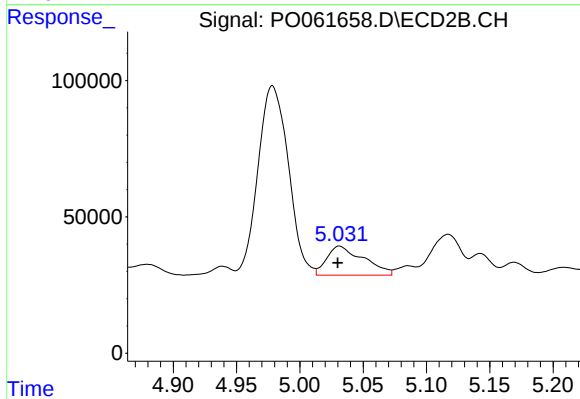
#23 AR-1248-3

R.T.: 4.880 min
Delta R.T.: 0.020 min
Response: 85848
Conc: 69.16 ng/ml



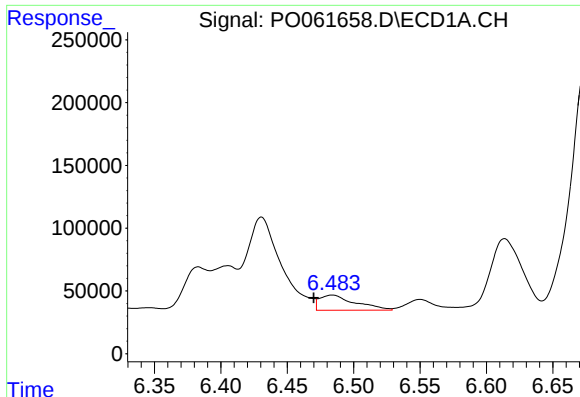
#24 AR-1248-4

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 1355171
Conc: 573.53 ng/ml



#24 AR-1248-4

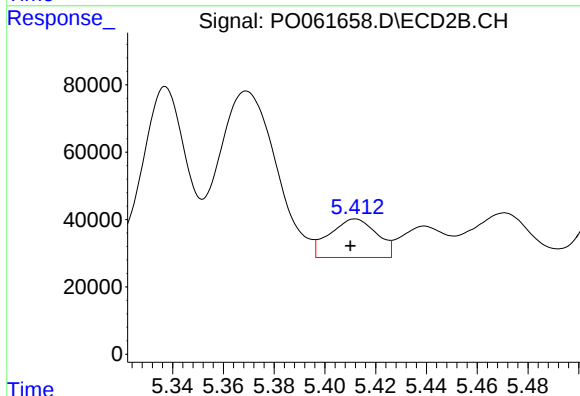
R.T.: 5.031 min
Delta R.T.: 0.001 min
Response: 216767
Conc: 144.19 ng/ml



#25 AR-1248-5

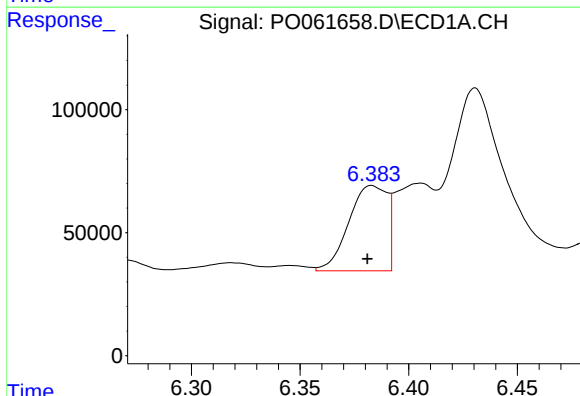
R.T.: 6.484 min
Delta R.T.: 0.014 min
Response: 226931
Conc: 100.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



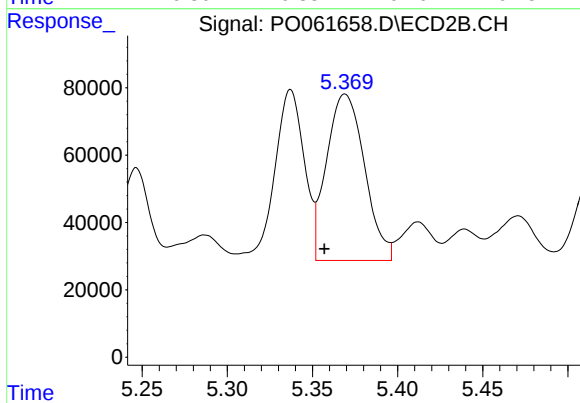
#25 AR-1248-5

R.T.: 5.412 min
Delta R.T.: 0.002 min
Response: 146905
Conc: 95.76 ng/ml



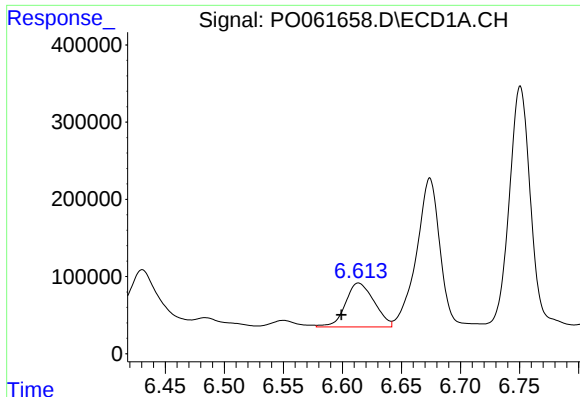
#26 AR-1254-1

R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 426895
Conc: 187.12 ng/ml



#26 AR-1254-1

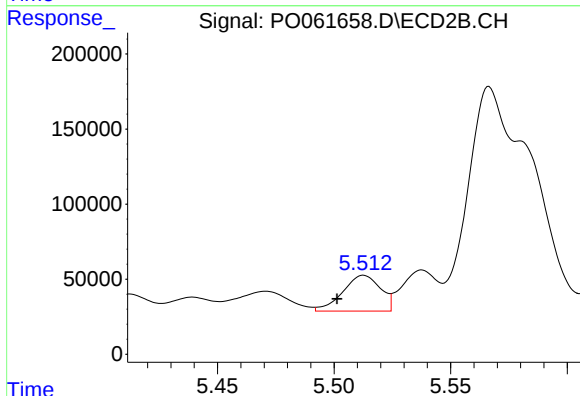
R.T.: 5.369 min
Delta R.T.: 0.012 min
Response: 766970
Conc: 349.69 ng/ml



#27 AR-1254-2

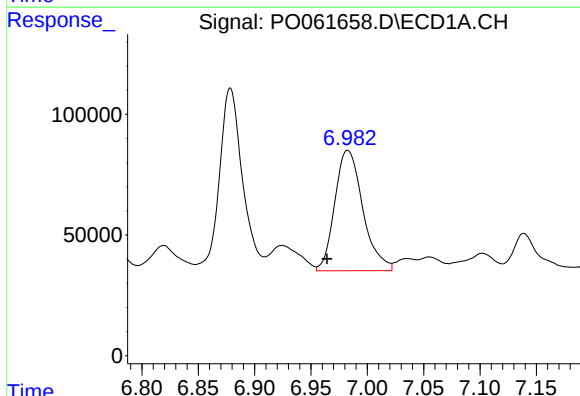
R.T.: 6.614 min
Delta R.T.: 0.014 min
Response: 963710
Conc: 266.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



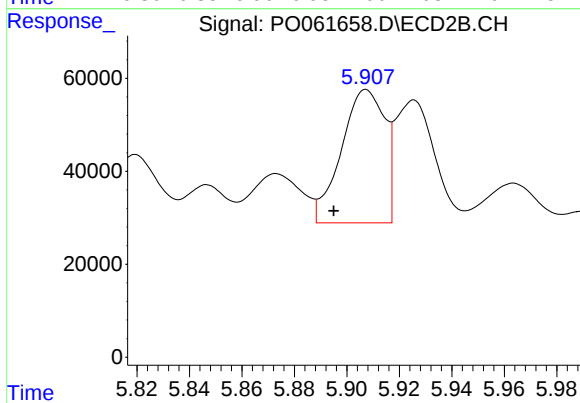
#27 AR-1254-2

R.T.: 5.513 min
Delta R.T.: 0.011 min
Response: 268192
Conc: 136.80 ng/ml



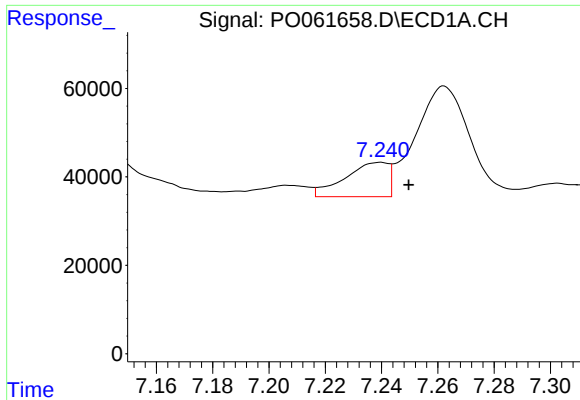
#28 AR-1254-3

R.T.: 6.983 min
Delta R.T.: 0.018 min
Response: 864921
Conc: 221.36 ng/ml



#28 AR-1254-3

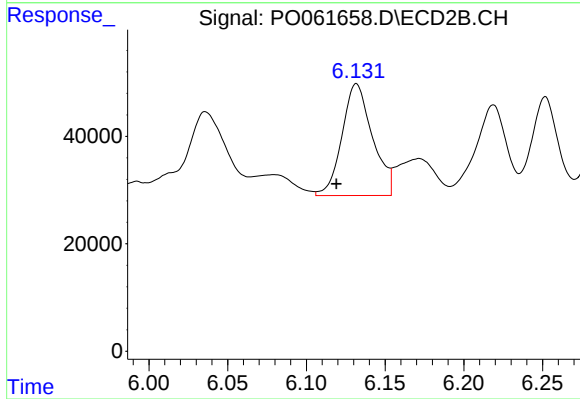
R.T.: 5.907 min
Delta R.T.: 0.012 min
Response: 329118
Conc: 103.37 ng/ml



#29 AR-1254-4

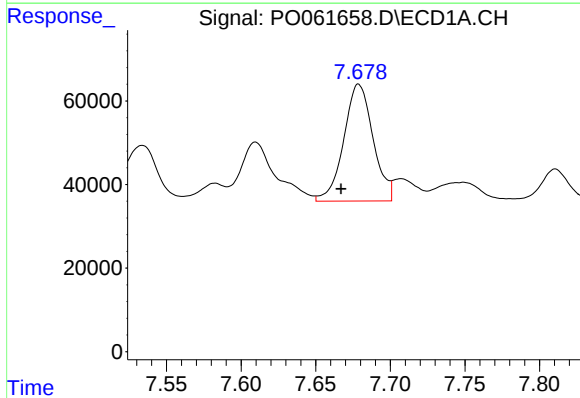
R.T.: 7.240 min
Delta R.T.: -0.010 min
Response: 83290
Conc: 27.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



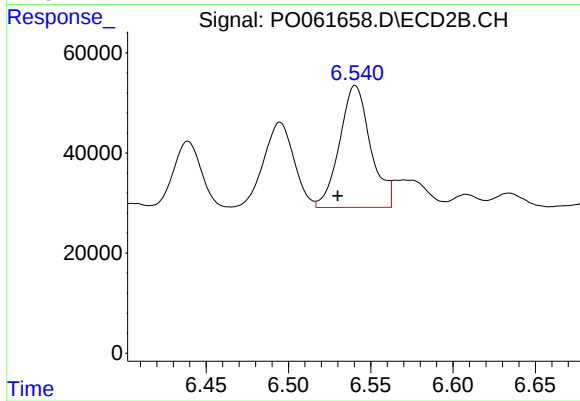
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: 0.013 min
Response: 280515
Conc: 138.26 ng/ml



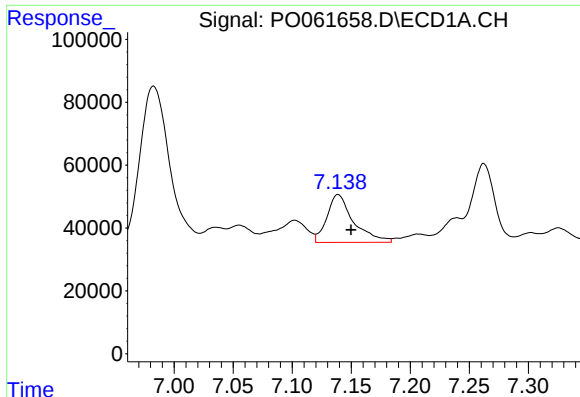
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.012 min
Response: 382767
Conc: 121.88 ng/ml



#30 AR-1254-5

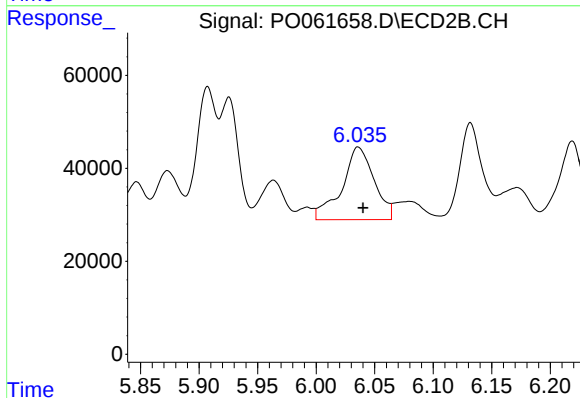
R.T.: 6.541 min
Delta R.T.: 0.011 min
Response: 319472
Conc: 112.95 ng/ml



#31 AR-1260-1

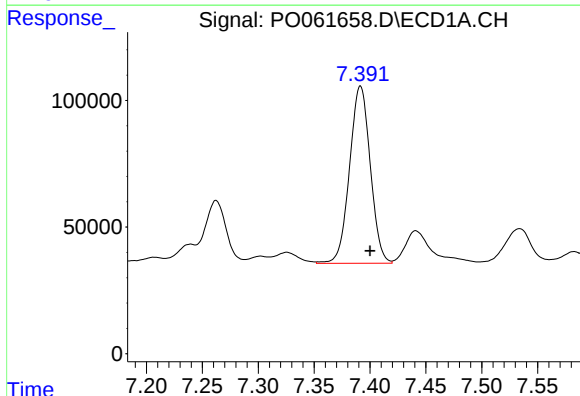
R.T.: 7.139 min
Delta R.T.: -0.011 min
Response: 239137
Conc: 91.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



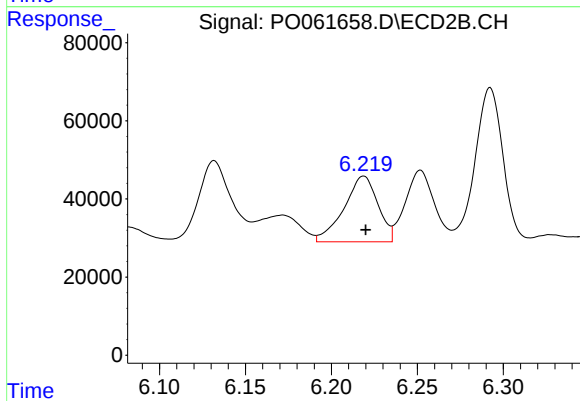
#31 AR-1260-1

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 298376
Conc: 146.28 ng/ml



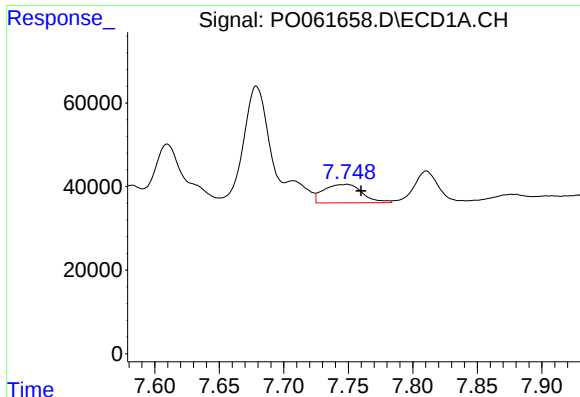
#32 AR-1260-2

R.T.: 7.391 min
Delta R.T.: -0.009 min
Response: 903190
Conc: 283.31 ng/ml



#32 AR-1260-2

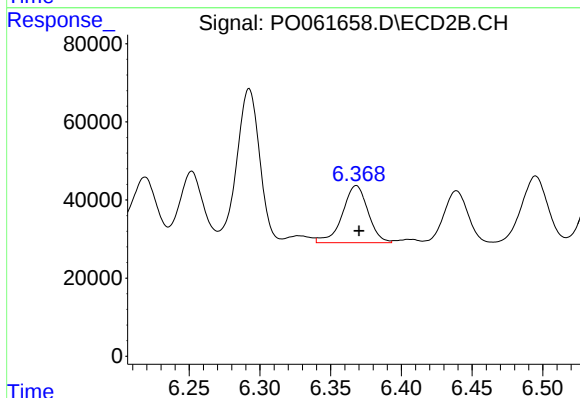
R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 231426
Conc: 96.36 ng/ml



#33 AR-1260-3

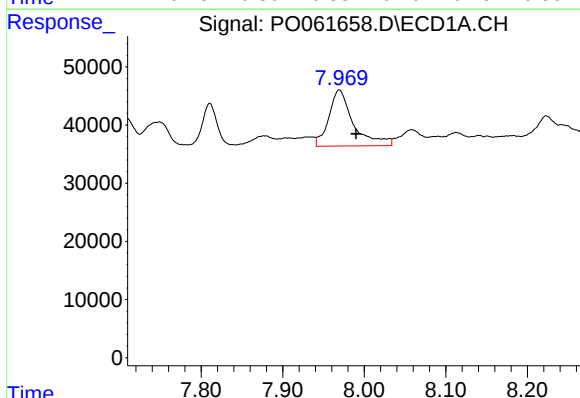
R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 91187
Conc: 37.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



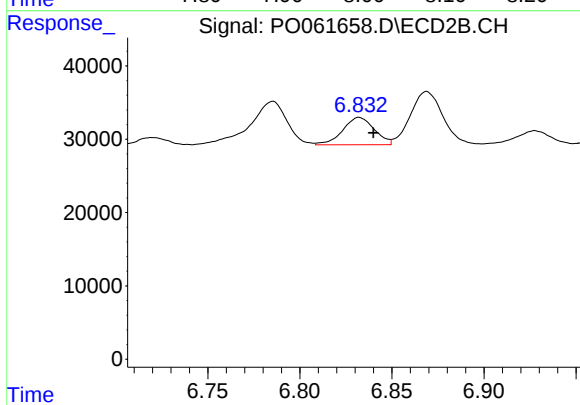
#33 AR-1260-3

R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 184014
Conc: 81.67 ng/ml



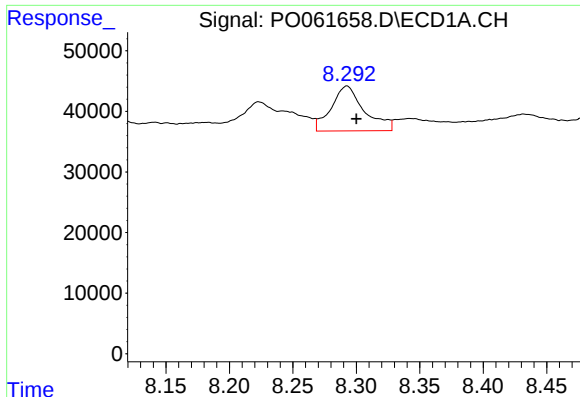
#34 AR-1260-4

R.T.: 7.969 min
Delta R.T.: -0.021 min
Response: 201785
Conc: 75.52 ng/ml



#34 AR-1260-4

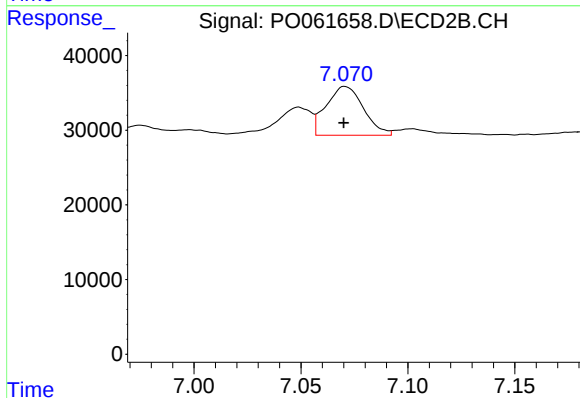
R.T.: 6.832 min
Delta R.T.: -0.008 min
Response: 44782
Conc: 24.26 ng/ml



#35 AR-1260-5

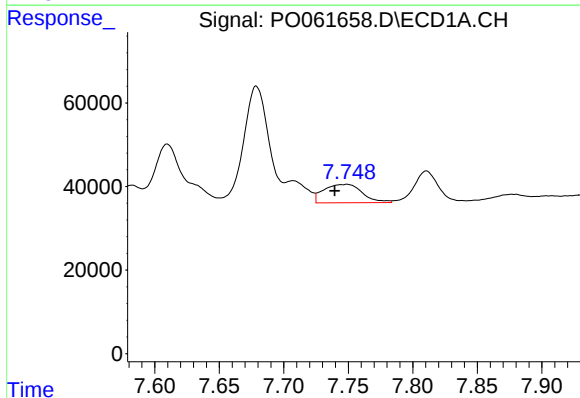
R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 134652
Conc: 27.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



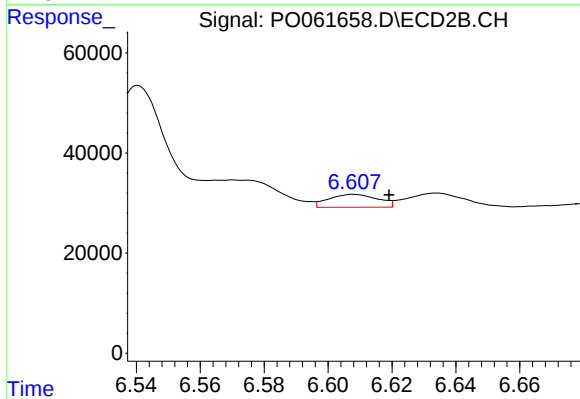
#35 AR-1260-5

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 79338
Conc: 20.38 ng/ml



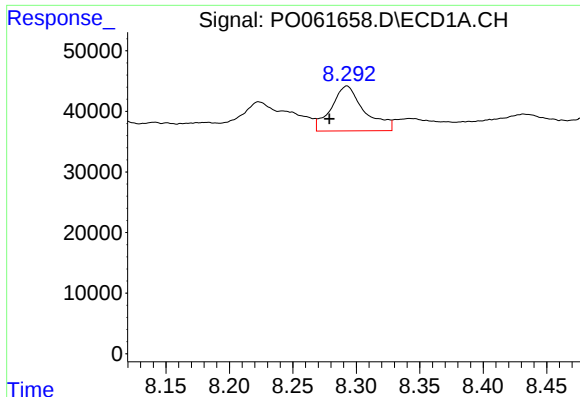
#36 AR-1262-1

R.T.: 7.749 min
Delta R.T.: 0.010 min
Response: 91187
Conc: 23.80 ng/ml



#36 AR-1262-1

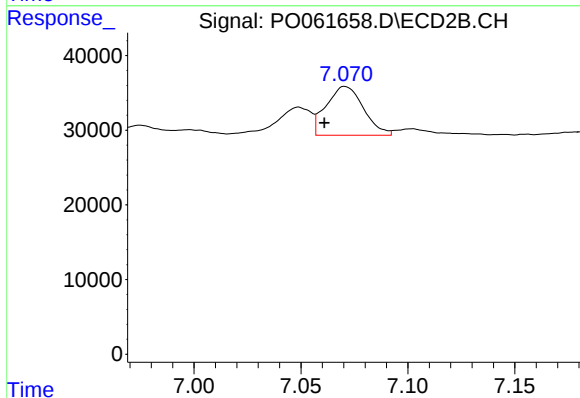
R.T.: 6.608 min
Delta R.T.: -0.011 min
Response: 27486
Conc: 22.52 ng/ml



#37 AR-1262-2

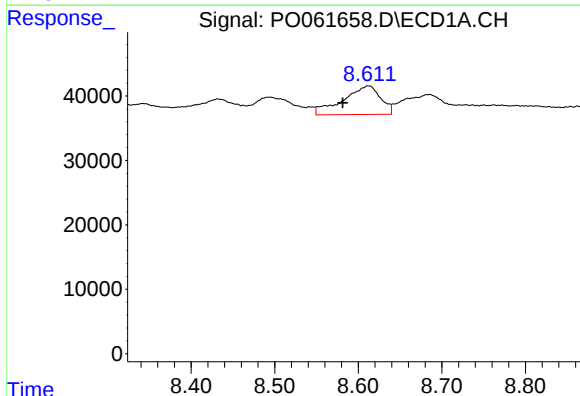
R.T.: 8.293 min
Delta R.T.: 0.014 min
Response: 134652
Conc: 21.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



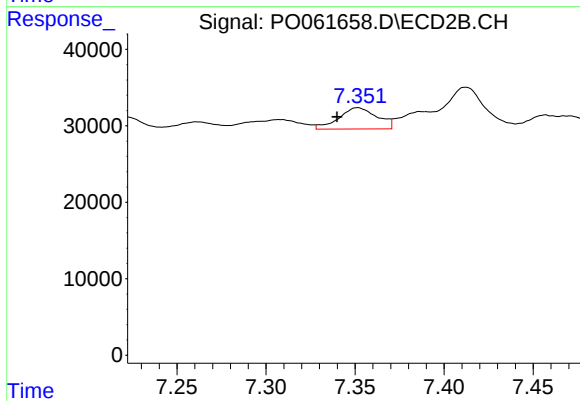
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 79338
Conc: 17.25 ng/ml



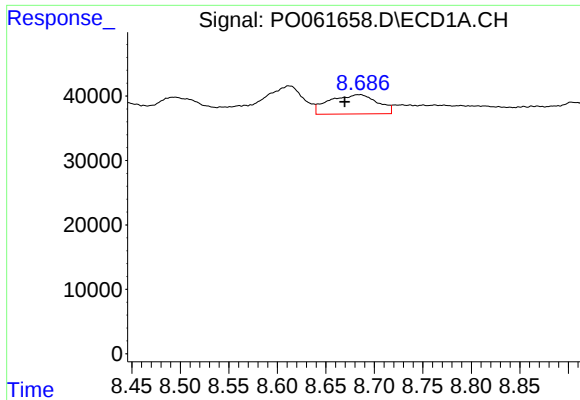
#38 AR-1262-3

R.T.: 8.612 min
Delta R.T.: 0.031 min
Response: 138046
Conc: 33.21 ng/ml



#38 AR-1262-3

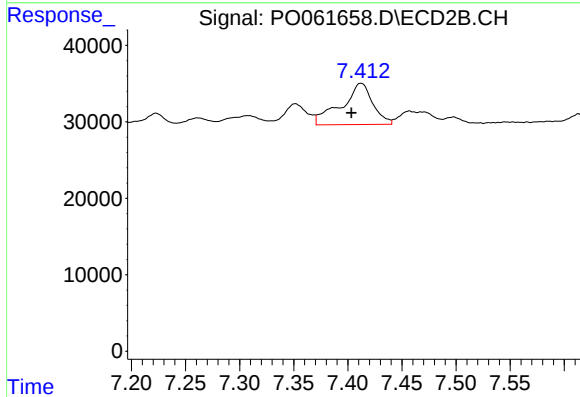
R.T.: 7.351 min
Delta R.T.: 0.012 min
Response: 41749
Conc: 22.16 ng/ml



#39 AR-1262-4

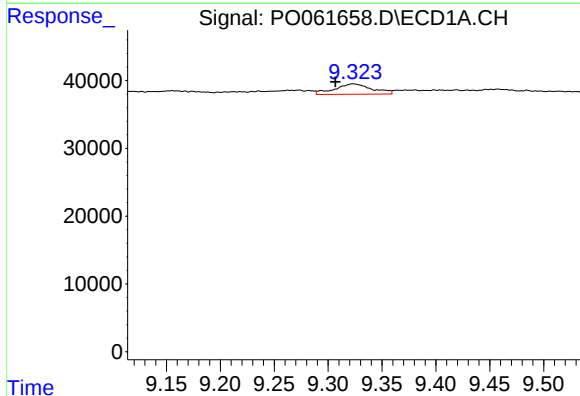
R.T.: 8.685 min
Delta R.T.: 0.016 min
Response: 103126
Conc: 32.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



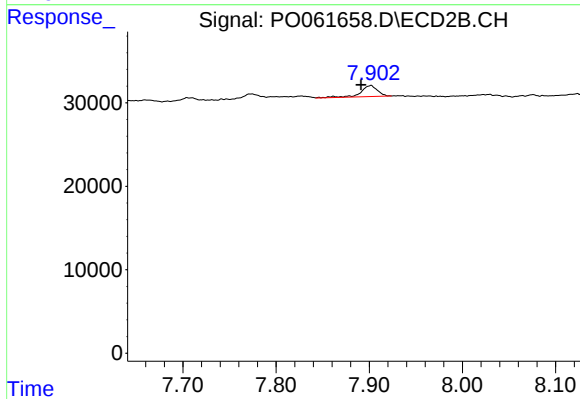
#39 AR-1262-4

R.T.: 7.412 min
Delta R.T.: 0.009 min
Response: 108940
Conc: 32.42 ng/ml



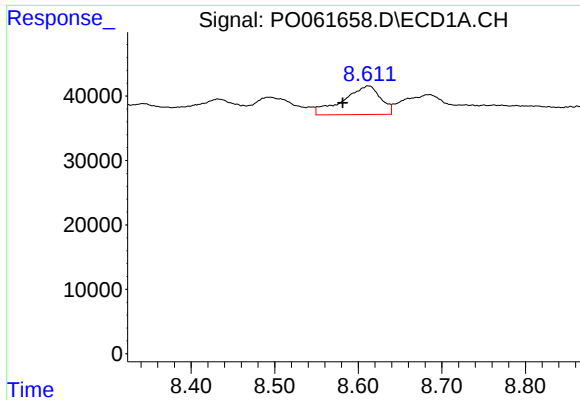
#40 AR-1262-5

R.T.: 9.323 min
Delta R.T.: 0.016 min
Response: 37007
Conc: 18.20 ng/ml



#40 AR-1262-5

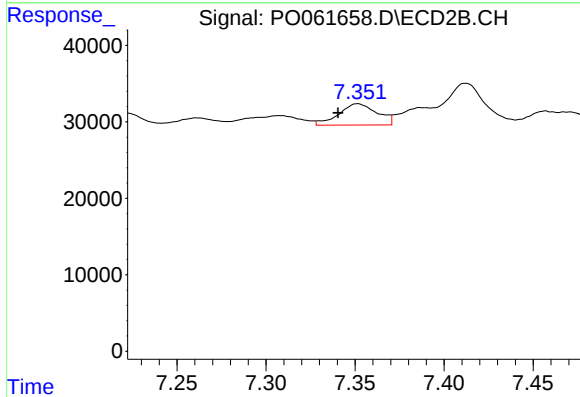
R.T.: 7.902 min
Delta R.T.: 0.010 min
Response: 16475
Conc: 10.87 ng/ml



#41 AR-1268-1

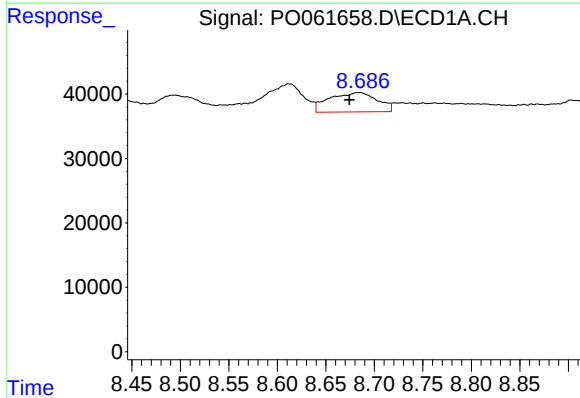
R.T.: 8.612 min
Delta R.T.: 0.031 min
Response: 138046
Conc: 20.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



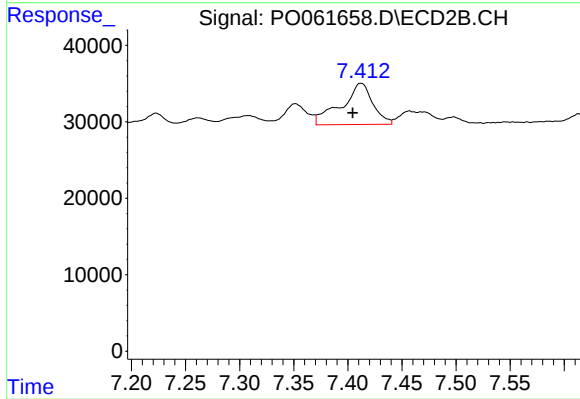
#41 AR-1268-1

R.T.: 7.351 min
Delta R.T.: 0.011 min
Response: 41749
Conc: 8.65 ng/ml



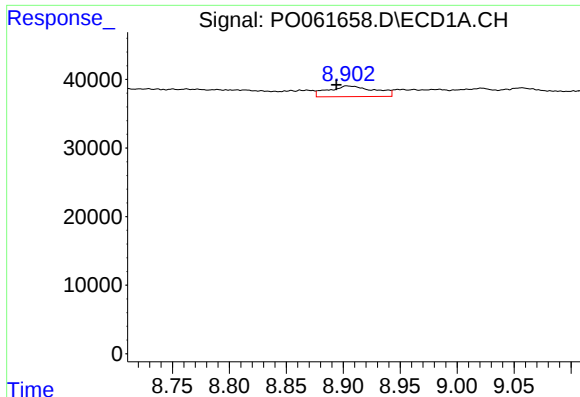
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.011 min
Response: 103126
Conc: 16.65 ng/ml



#42 AR-1268-2

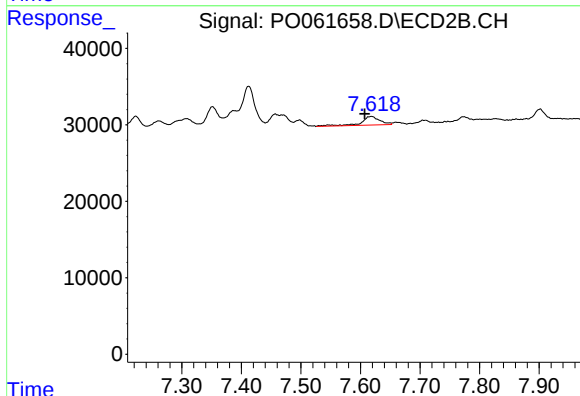
R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 108940
Conc: 25.28 ng/ml



#43 AR-1268-3

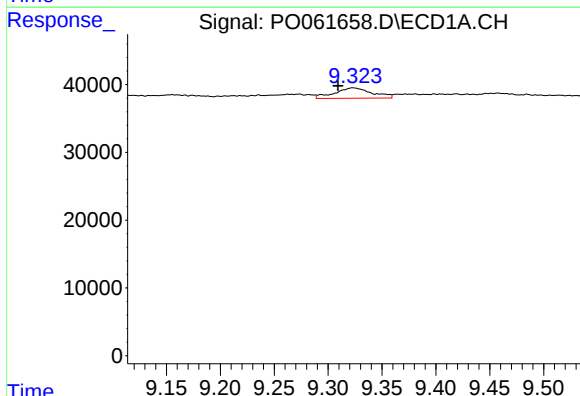
R.T.: 8.903 min
Delta R.T.: 0.009 min
Response: 44239
Conc: 8.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



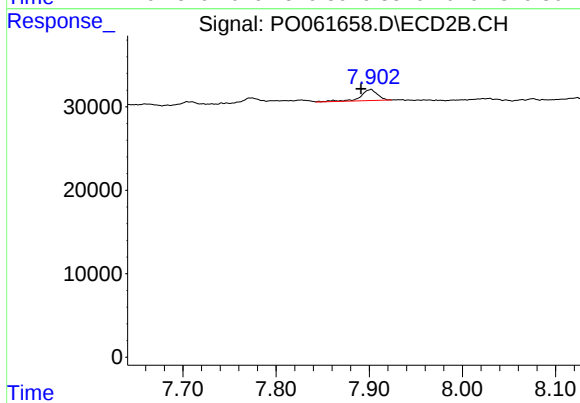
#43 AR-1268-3

R.T.: 7.619 min
Delta R.T.: 0.011 min
Response: 25049
Conc: 6.99 ng/ml



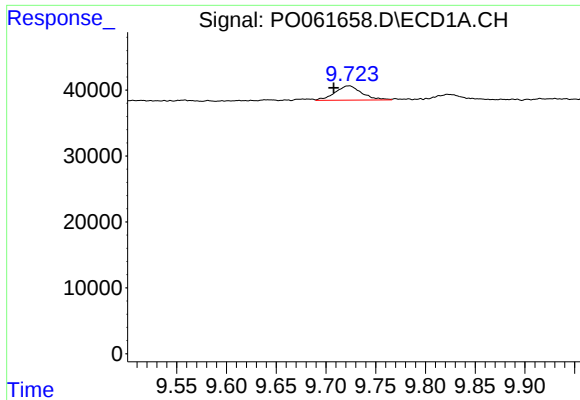
#44 AR-1268-4

R.T.: 9.323 min
Delta R.T.: 0.014 min
Response: 37007
Conc: 16.92 ng/ml



#44 AR-1268-4

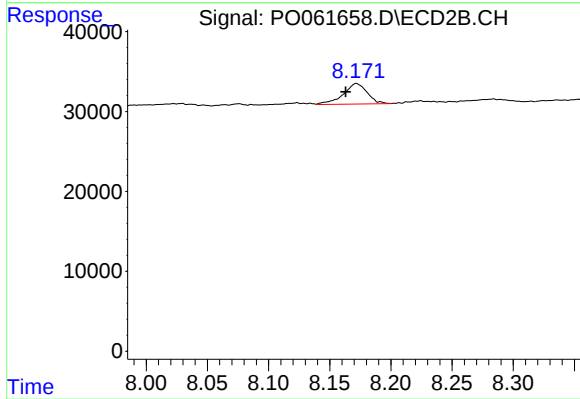
R.T.: 7.902 min
Delta R.T.: 0.010 min
Response: 16475
Conc: 10.24 ng/ml



#45 AR-1268-5

R.T.: 9.723 min
Delta R.T.: 0.015 min
Response: 40285
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.172 min
Delta R.T.: 0.009 min
Response: 35078
Conc: 3.49 ng/ml