

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031620\
 Data File : P0067274.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Mar 2020 16:31
 Operator : DD\AJ
 Sample : PB127557BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 04:13:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 02:39:09 2020
 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...	4.108	3.397	476669	234591	18.052	14.763
2)	SA Decachlor...	9.562	8.269	662619	619054	18.840	17.862
Target Compounds							
3)	L1 AR-1016-1	5.253	4.449	191615	90489	184.775	156.634
4)	L1 AR-1016-2	5.274	4.463	291808	198846	186.676	161.396
5)	L1 AR-1016-3	5.335	4.636	173342	87471	182.478	161.643
6)	L1 AR-1016-4	5.432	4.679	140656	96983	179.839	167.777
7)	L1 AR-1016-5	5.720	4.886	106515	106504	142.732	162.982
8)	L2 AR-1221-1	0.000	3.604	0	9148	N.D.	44.528 #
9)	L2 AR-1221-2	0.000	3.686	0	16288	N.D.	98.716 #
10)	L2 AR-1221-3	4.475	3.759	89724	68649	133.277	125.563
11)	L3 AR-1232-1	4.475	3.759	89724	68649	182.529	177.903
12)	L3 AR-1232-2	4.990	4.463	134691	198846	523.011	488.431
13)	L3 AR-1232-3	5.274	4.636	291808	87471	550.662	508.864
14)	L3 AR-1232-4	5.432	4.719	140656	113741	523.766	567.970
15)	L3 AR-1232-5	5.520	4.886	113086	106504	575.998	514.426
16)	L4 AR-1242-1	5.253	4.449	191615	90489	295.486	269.872
17)	L4 AR-1242-2	5.274	4.463	291808	198846	300.059	249.369
18)	L4 AR-1242-3	5.335	4.636	173342	87471	287.746	278.873
19)	L4 AR-1242-4	5.432	4.719	140656	113741	282.000	284.065
20)	L4 AR-1242-5	6.090	5.230	91512	96144	156.554	196.726 #
21)	L5 AR-1248-1	5.253	4.449	191615	90489	384.360	317.854
22)	L5 AR-1248-2	5.520	4.679	113086	96983	160.860	165.280
23)	L5 AR-1248-3	5.720	4.719	106515	113741	135.390	193.709 #
24)	L5 AR-1248-4	6.090	4.886	91512	106504	90.670	162.199 #
25)	L5 AR-1248-5	6.090	5.270	91512	15871	93.997	24.693 #
26)	L6 AR-1254-1	6.090	5.230	91512	96144	93.544	88.110
27)	L6 AR-1254-2	6.306	5.377	131845	98748	81.914	96.699
28)	L6 AR-1254-3	6.723	5.785	191259	162399	110.139	104.465
29)	L6 AR-1254-4	0.000	6.000	0	14024	N.D.	11.749 #
30)	L6 AR-1254-5	7.364	6.410	512946	333450	323.713	228.622 #
31)	L7 AR-1260-1	6.828	5.899	321527	264637	203.271	186.038
32)	L7 AR-1260-2	7.084	6.088	467152	329575	198.200	182.744
33)	L7 AR-1260-3	7.438	6.237	332613	271290	167.443	177.570
34)	L7 AR-1260-4	7.662	6.701	333436	215135	173.675	156.302
35)	L7 AR-1260-5	7.966	6.946	714691	502114	157.529	154.424
36)	L8 AR-1262-1	7.438	6.410	332613	333450	139.297	469.570 #
37)	L8 AR-1262-2	7.966	6.946	714691	502114	171.644	179.680
38)	L8 AR-1262-3	8.261	7.221	441584	109125	162.454	85.002 #
39)	L8 AR-1262-4	8.309	7.286	243262	376466	121.642	171.314 #
40)	L8 AR-1262-5	8.913	7.779	161375	122408	119.366	116.298
41)	L9 AR-1268-1	8.261	7.221	441584	109125	82.195	29.431 #

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 ALS Vial : 5 Sample Multiplier: 1

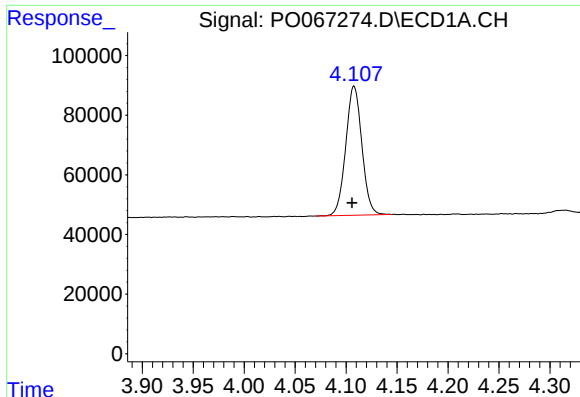
Instrument :
 ECD_O
 ClientSampleId :

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	8.309	7.286	243262	376466	53.901	112.824 #
43) L9	AR-1268-3	0.000	7.486	0	11308	N.D.	4.010 #
44) L9	AR-1268-4	8.913	7.779	161375	122408	99.911	97.297
45) L9	AR-1268-5	0.000	8.045	0	51623	N.D.	5.235 #

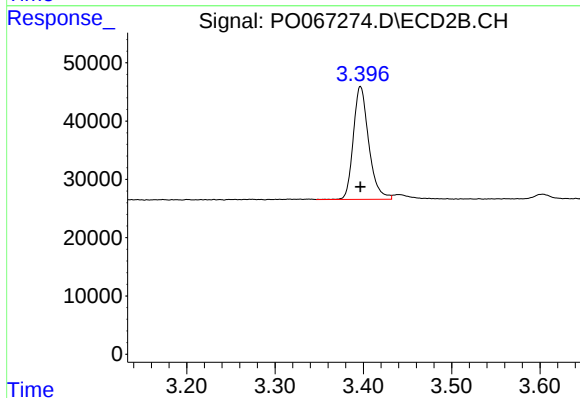
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

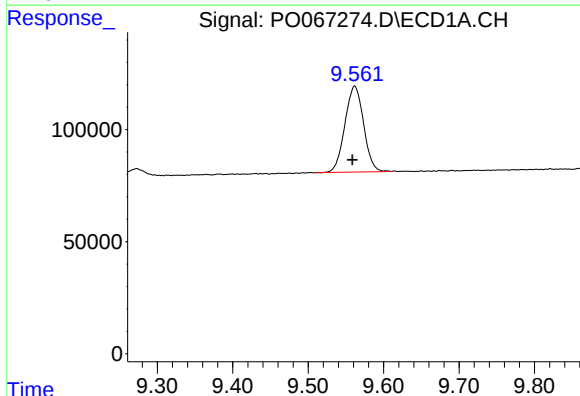
R.T.: 4.108 min
Delta R.T.: 0.002 min
Response: 476669
Conc: 18.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



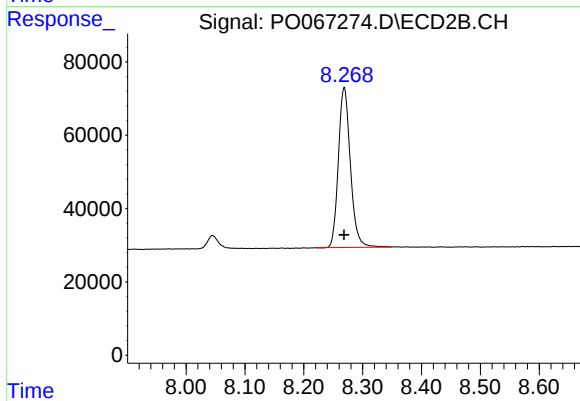
#1 Tetrachloro-m-xylene

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 234591
Conc: 14.76 ng/ml



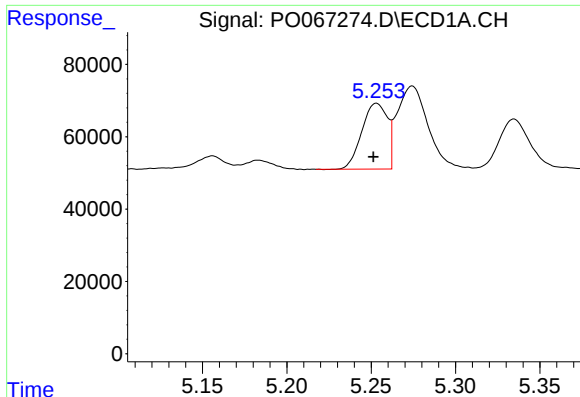
#2 Decachlorobiphenyl

R.T.: 9.562 min
Delta R.T.: 0.003 min
Response: 662619
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

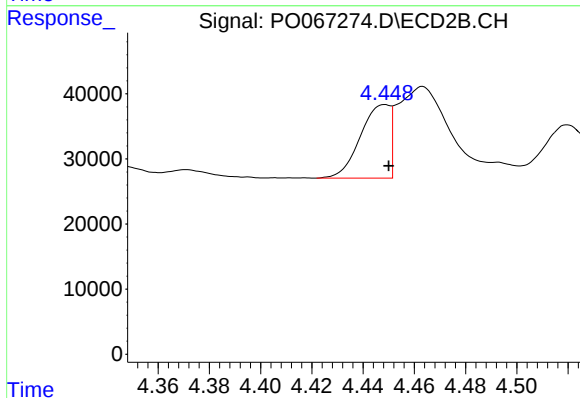
R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 619054
Conc: 17.86 ng/ml



#3 AR-1016-1

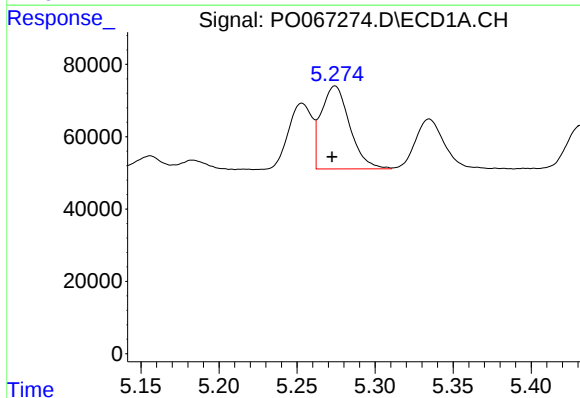
R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 191615
Conc: 184.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



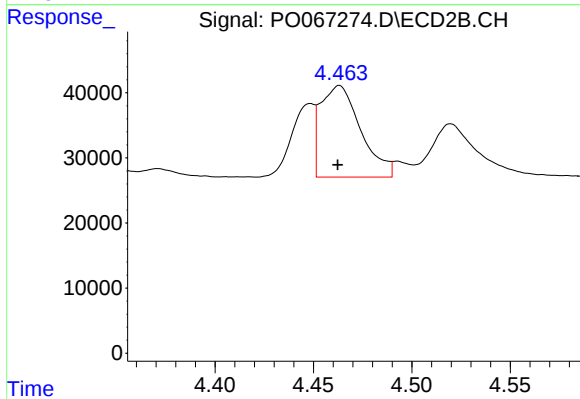
#3 AR-1016-1

R.T.: 4.449 min
Delta R.T.: -0.001 min
Response: 90489
Conc: 156.63 ng/ml



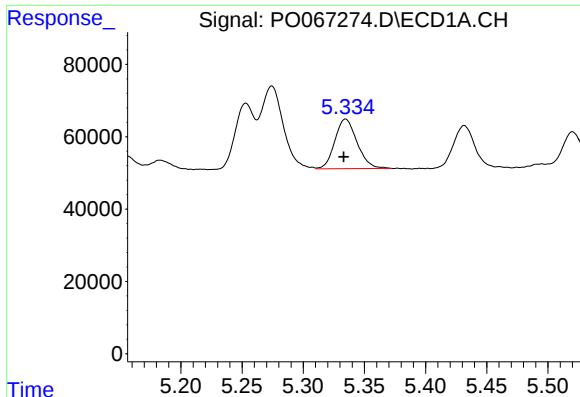
#4 AR-1016-2

R.T.: 5.274 min
Delta R.T.: 0.002 min
Response: 291808
Conc: 186.68 ng/ml



#4 AR-1016-2

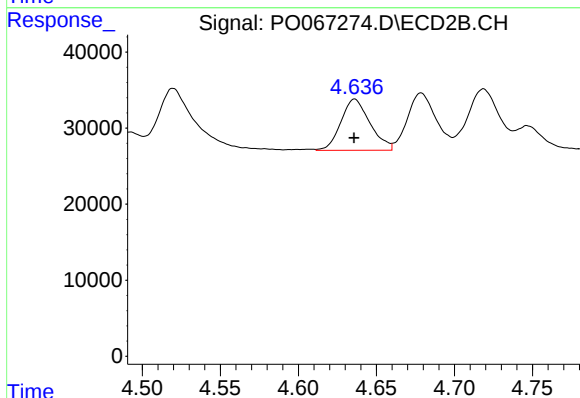
R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 198846
Conc: 161.40 ng/ml



#5 AR-1016-3

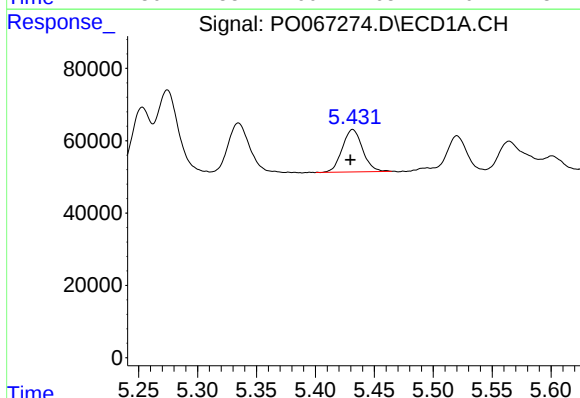
R.T.: 5.335 min
Delta R.T.: 0.001 min
Response: 173342
Conc: 182.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



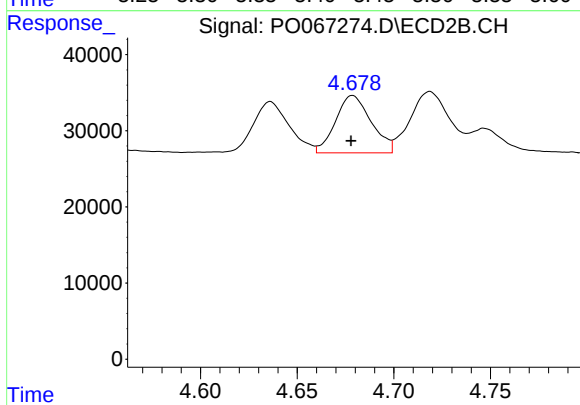
#5 AR-1016-3

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 87471
Conc: 161.64 ng/ml



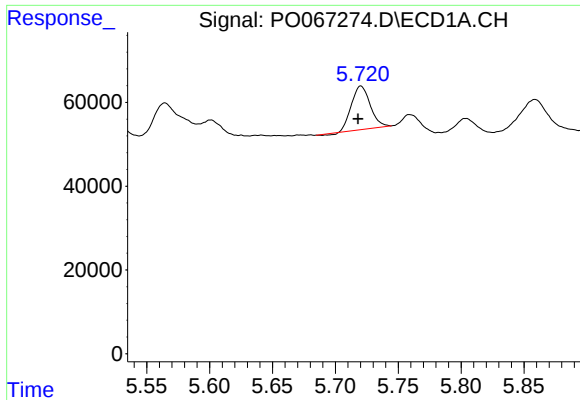
#6 AR-1016-4

R.T.: 5.432 min
Delta R.T.: 0.002 min
Response: 140656
Conc: 179.84 ng/ml



#6 AR-1016-4

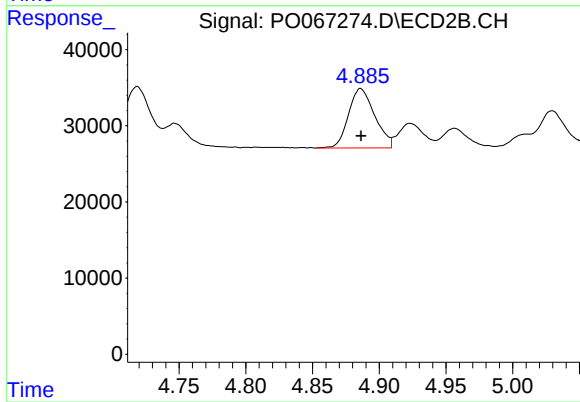
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 96983
Conc: 167.78 ng/ml



#7 AR-1016-5

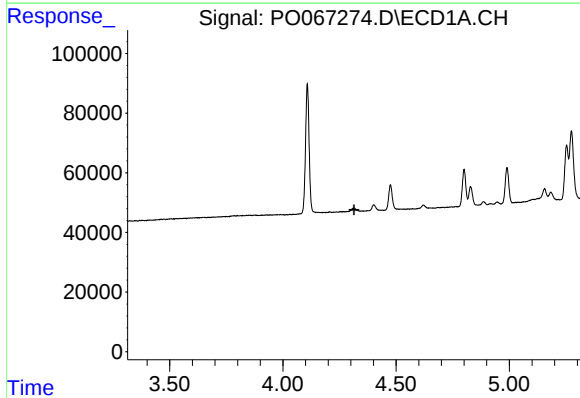
R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 106515
Conc: 142.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



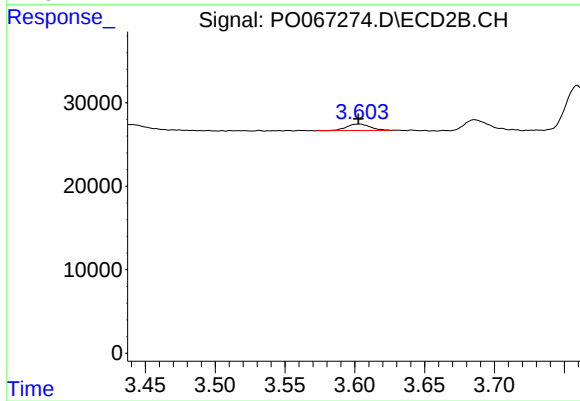
#7 AR-1016-5

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 106504
Conc: 162.98 ng/ml



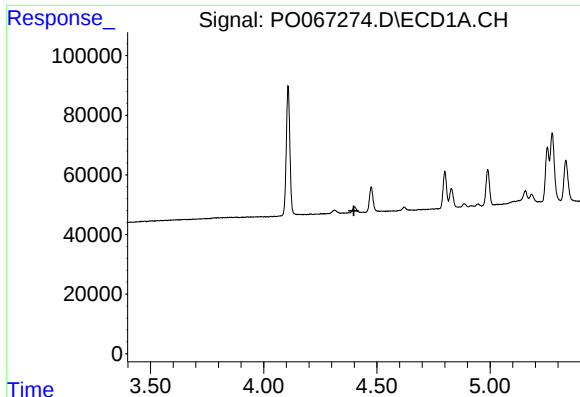
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.314 min
Response: 0
Conc: N.D.



#8 AR-1221-1

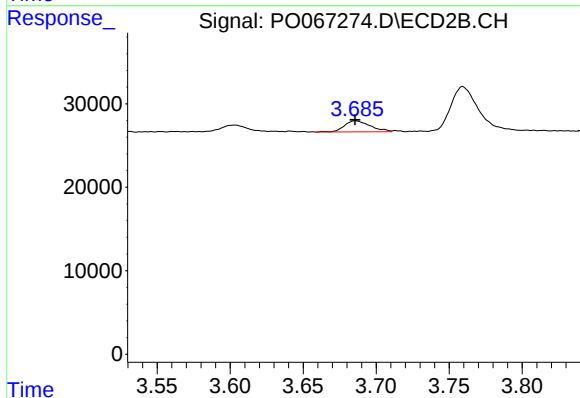
R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 9148
Conc: 44.53 ng/ml



#9 AR-1221-2

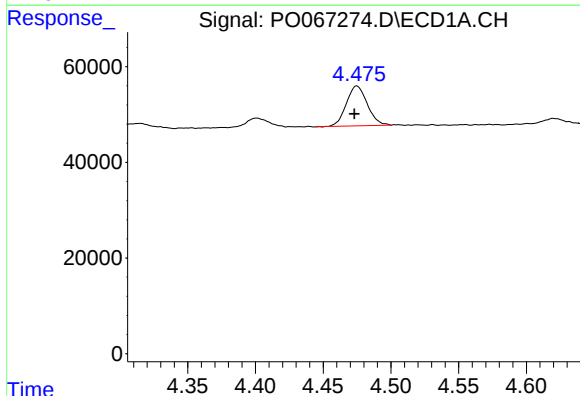
R.T.: 0.000 min
Exp R.T.: 4.399 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



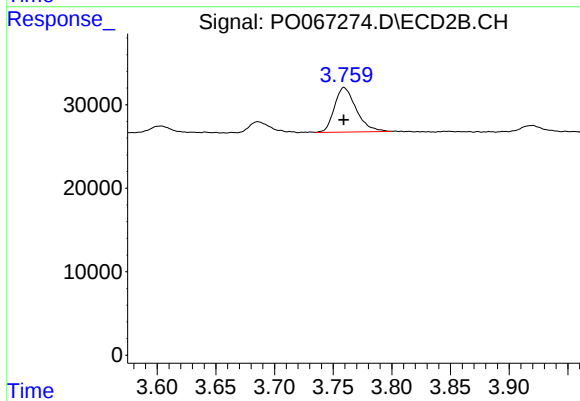
#9 AR-1221-2

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 16288
Conc: 98.72 ng/ml



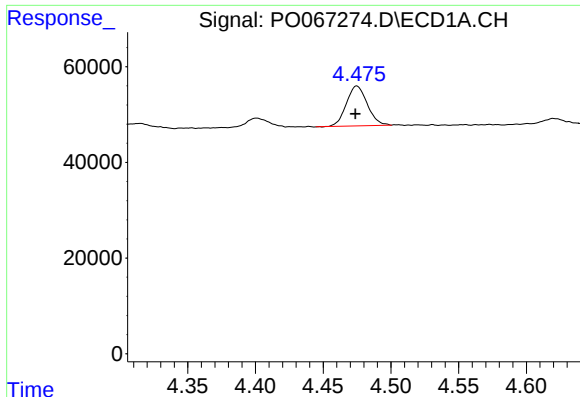
#10 AR-1221-3

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 89724
Conc: 133.28 ng/ml



#10 AR-1221-3

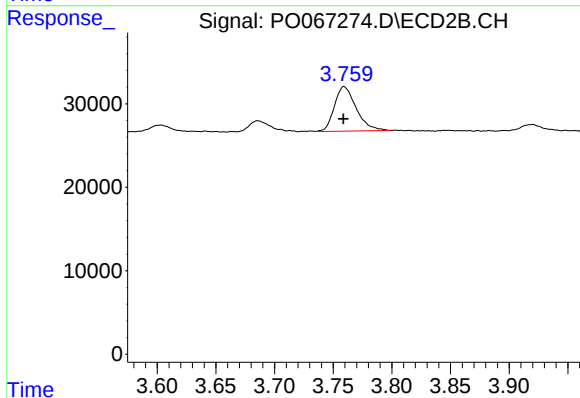
R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 68649
Conc: 125.56 ng/ml



#11 AR-1232-1

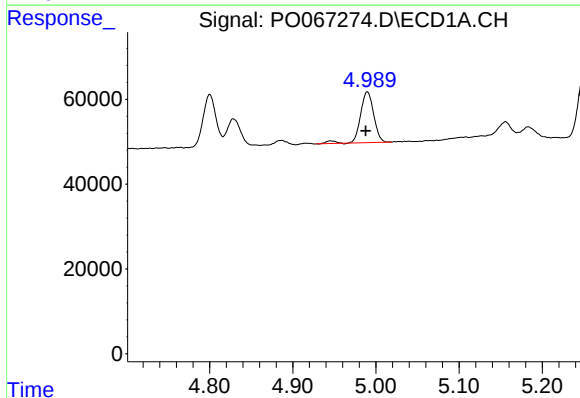
R.T.: 4.475 min
Delta R.T.: 0.001 min
Response: 89724
Conc: 182.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



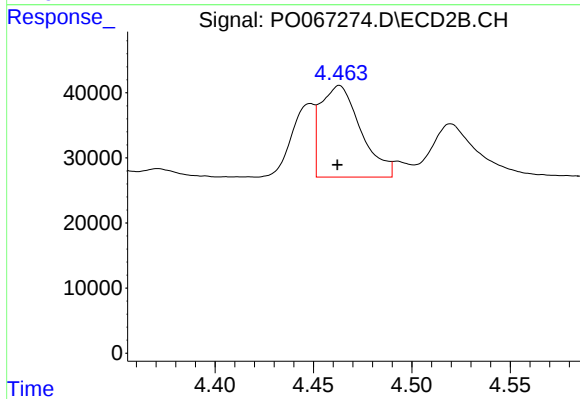
#11 AR-1232-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 68649
Conc: 177.90 ng/ml



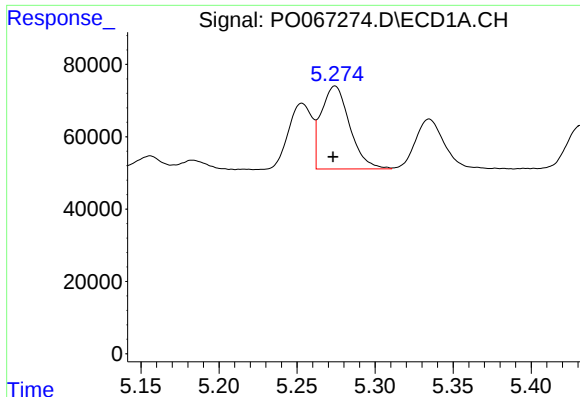
#12 AR-1232-2

R.T.: 4.990 min
Delta R.T.: 0.002 min
Response: 134691
Conc: 523.01 ng/ml



#12 AR-1232-2

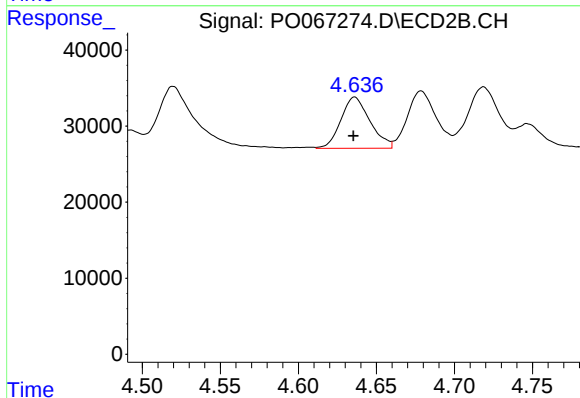
R.T.: 4.463 min
Delta R.T.: 0.001 min
Response: 198846
Conc: 488.43 ng/ml



#13 AR-1232-3

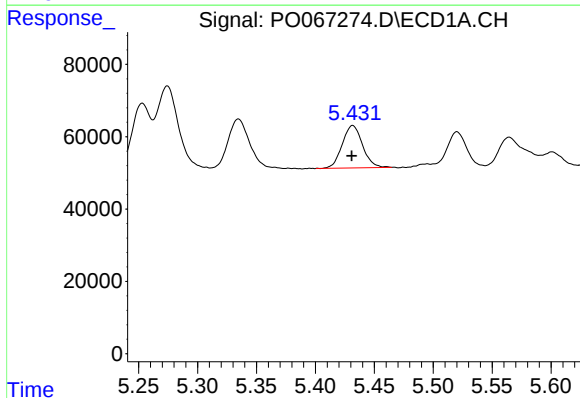
R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 291808
Conc: 550.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



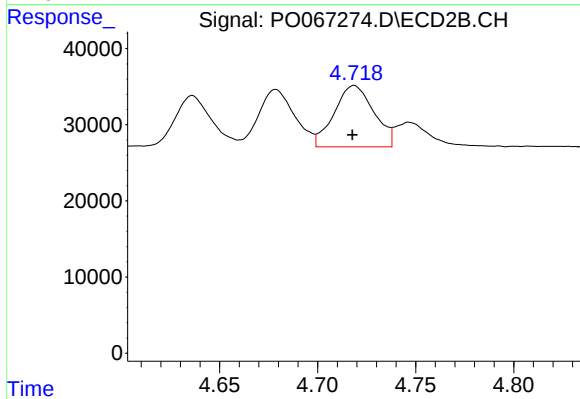
#13 AR-1232-3

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 87471
Conc: 508.86 ng/ml



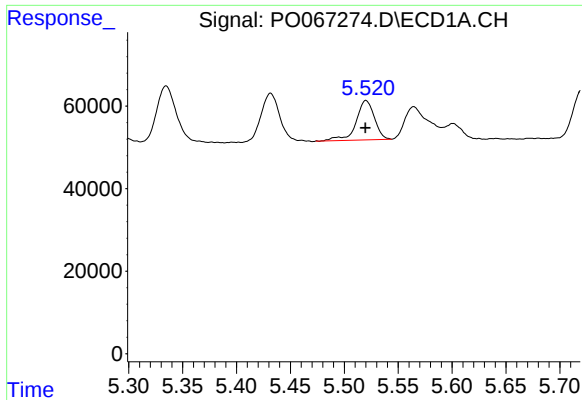
#14 AR-1232-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 140656
Conc: 523.77 ng/ml



#14 AR-1232-4

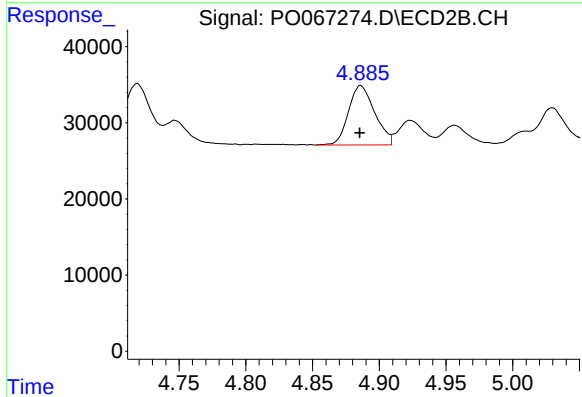
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 113741
Conc: 567.97 ng/ml



#15 AR-1232-5

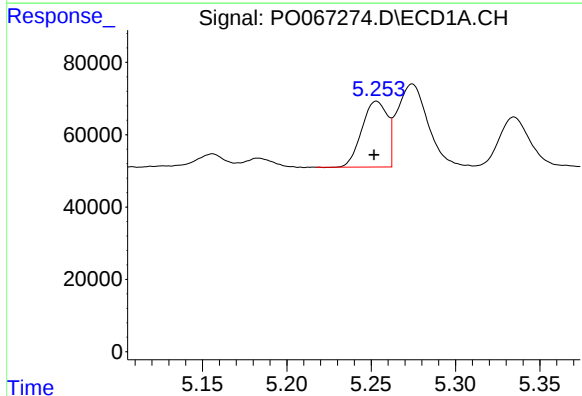
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 113086
Conc: 576.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



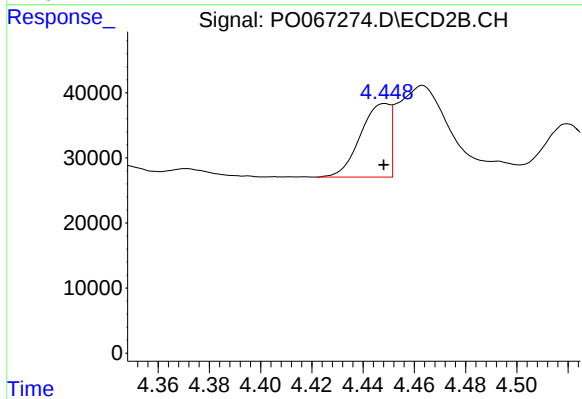
#15 AR-1232-5

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 106504
Conc: 514.43 ng/ml



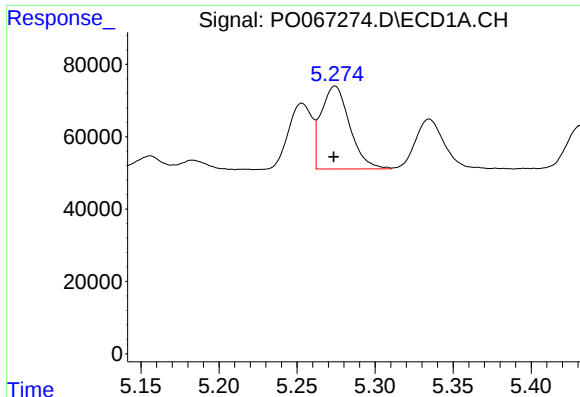
#16 AR-1242-1

R.T.: 5.253 min
Delta R.T.: 0.001 min
Response: 191615
Conc: 295.49 ng/ml



#16 AR-1242-1

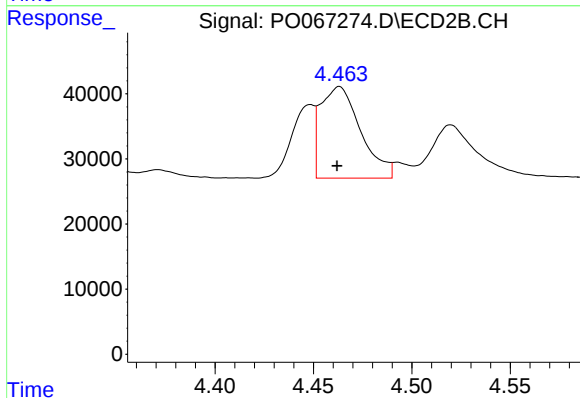
R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 90489
Conc: 269.87 ng/ml



#17 AR-1242-2

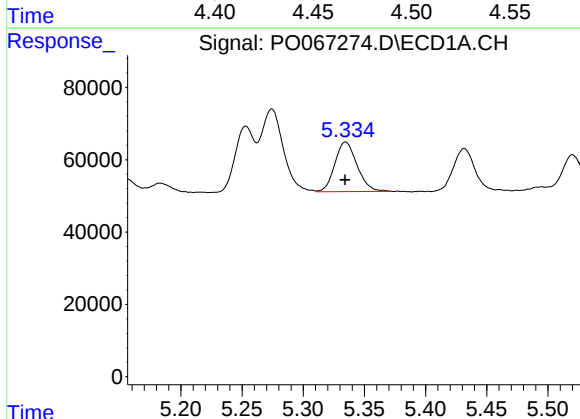
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 291808
Conc: 300.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



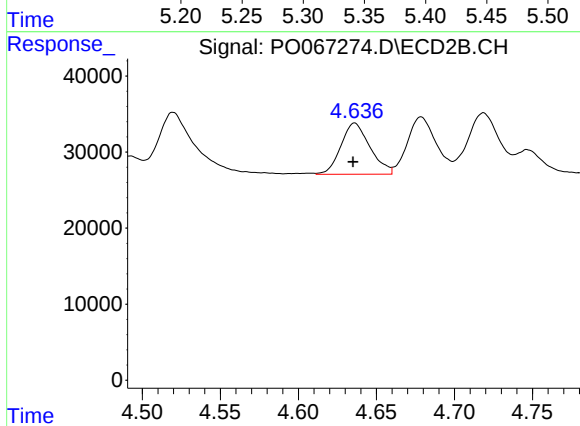
#17 AR-1242-2

R.T.: 4.463 min
Delta R.T.: 0.001 min
Response: 198846
Conc: 249.37 ng/ml



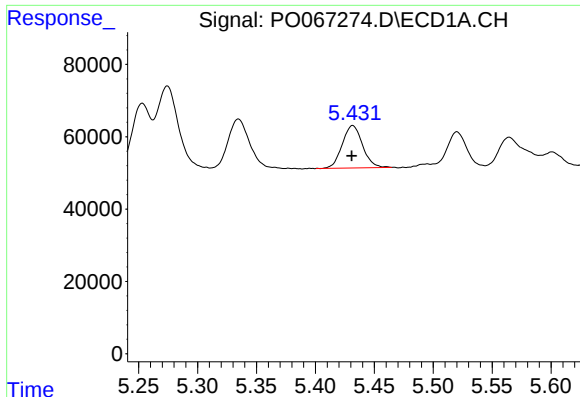
#18 AR-1242-3

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 173342
Conc: 287.75 ng/ml



#18 AR-1242-3

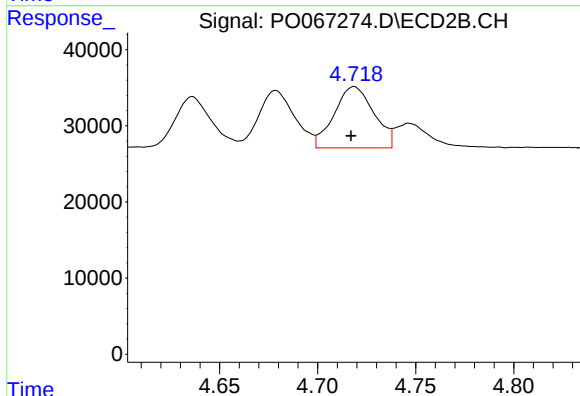
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 87471
Conc: 278.87 ng/ml



#19 AR-1242-4

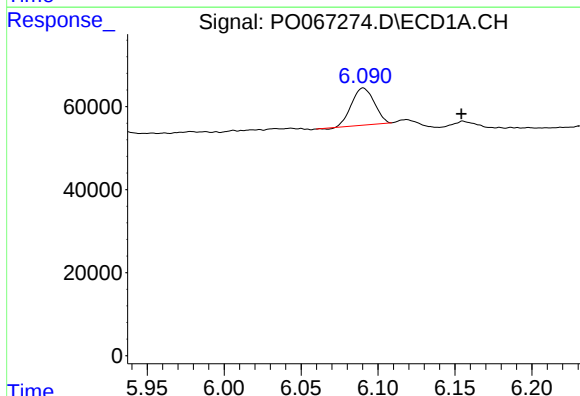
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 140656
Conc: 282.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



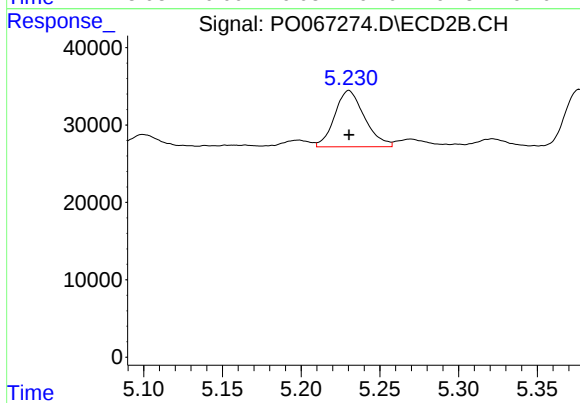
#19 AR-1242-4

R.T.: 4.719 min
Delta R.T.: 0.002 min
Response: 113741
Conc: 284.07 ng/ml



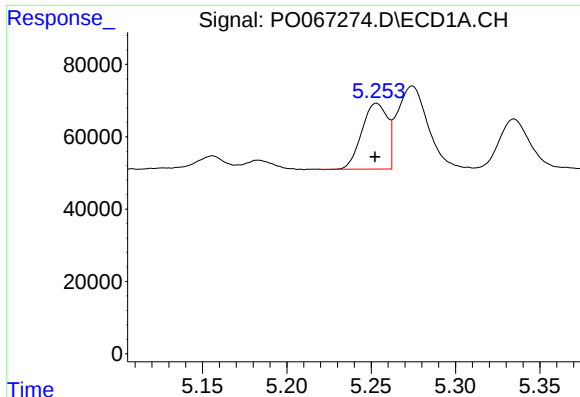
#20 AR-1242-5

R.T.: 6.090 min
Delta R.T.: -0.064 min
Response: 91512
Conc: 156.55 ng/ml



#20 AR-1242-5

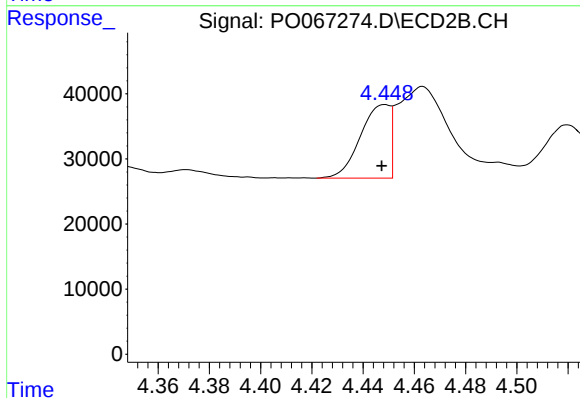
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 96144
Conc: 196.73 ng/ml



#21 AR-1248-1

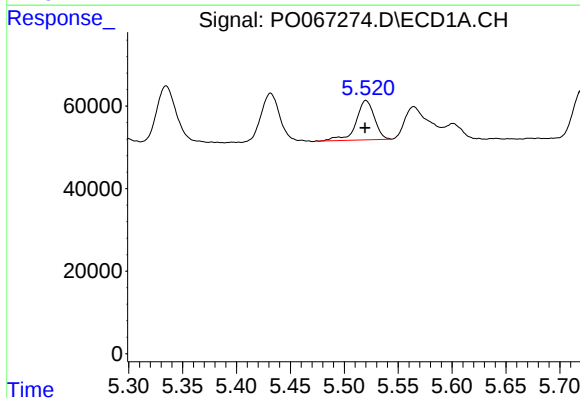
R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 191615
Conc: 384.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



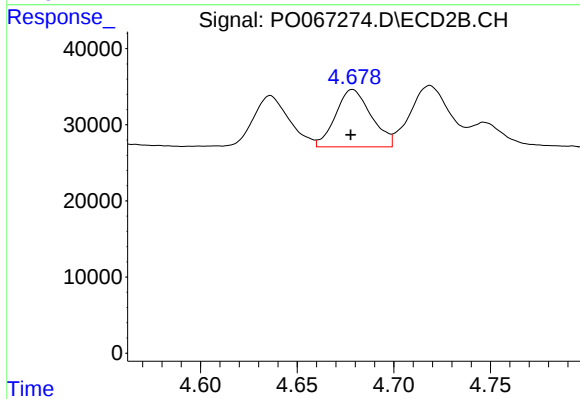
#21 AR-1248-1

R.T.: 4.449 min
Delta R.T.: 0.001 min
Response: 90489
Conc: 317.85 ng/ml



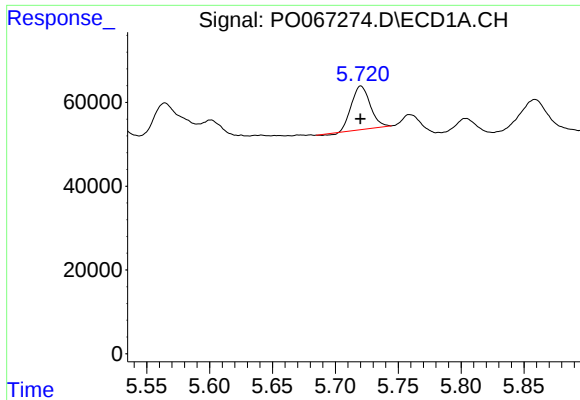
#22 AR-1248-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 113086
Conc: 160.86 ng/ml



#22 AR-1248-2

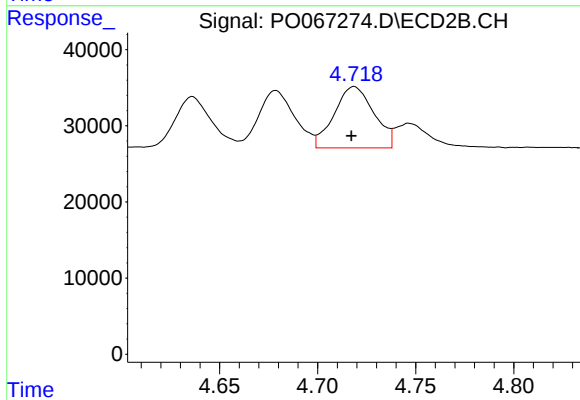
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 96983
Conc: 165.28 ng/ml



#23 AR-1248-3

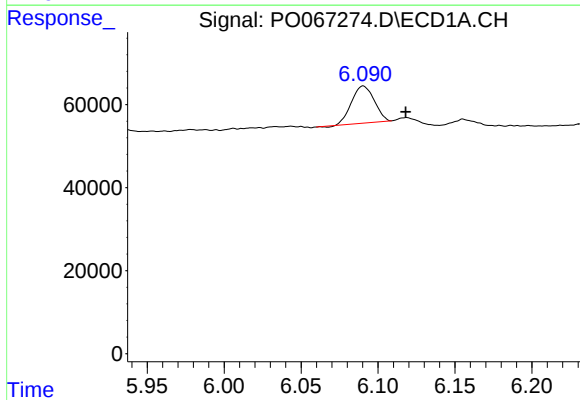
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 106515
Conc: 135.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



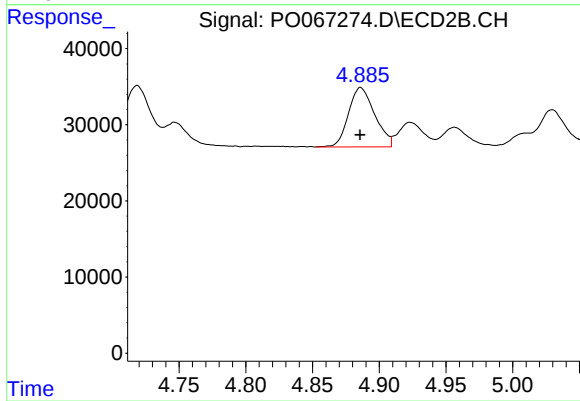
#23 AR-1248-3

R.T.: 4.719 min
Delta R.T.: 0.002 min
Response: 113741
Conc: 193.71 ng/ml



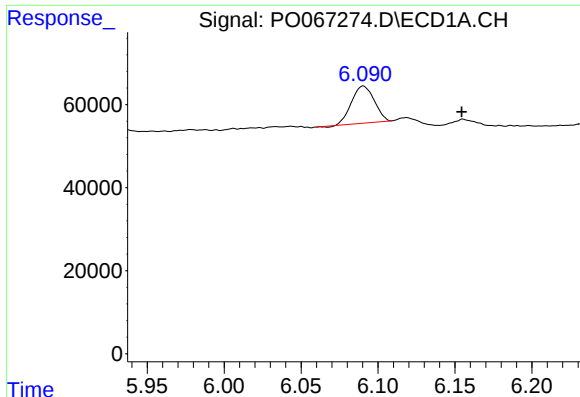
#24 AR-1248-4

R.T.: 6.090 min
Delta R.T.: -0.028 min
Response: 91512
Conc: 90.67 ng/ml



#24 AR-1248-4

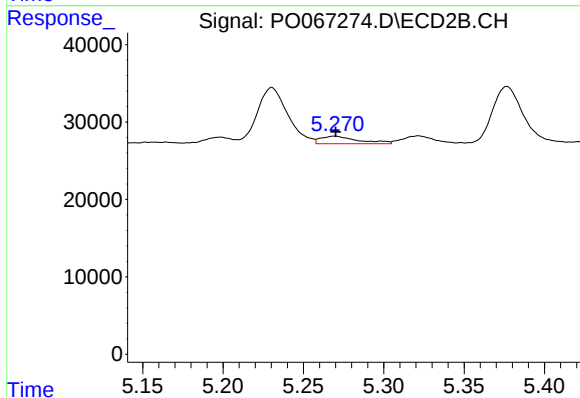
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 106504
Conc: 162.20 ng/ml



#25 AR-1248-5

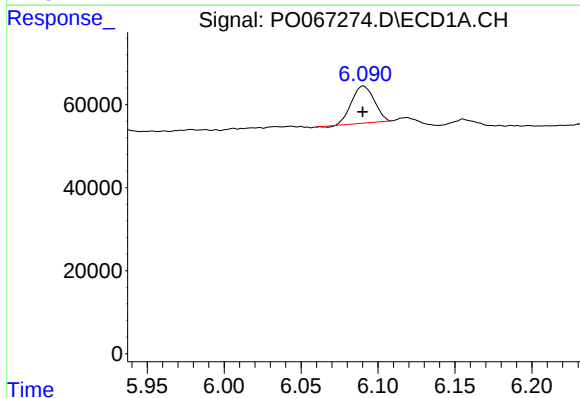
R.T.: 6.090 min
Delta R.T.: -0.064 min
Response: 91512
Conc: 94.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



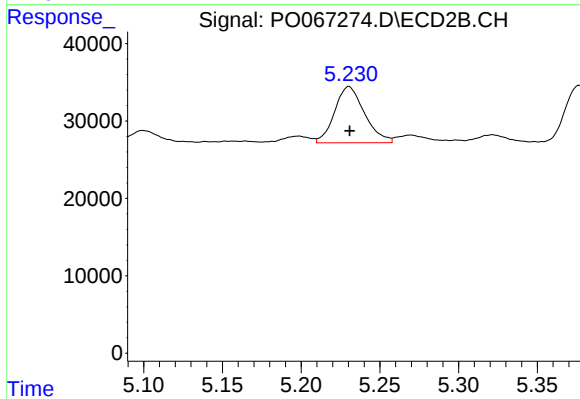
#25 AR-1248-5

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 15871
Conc: 24.69 ng/ml



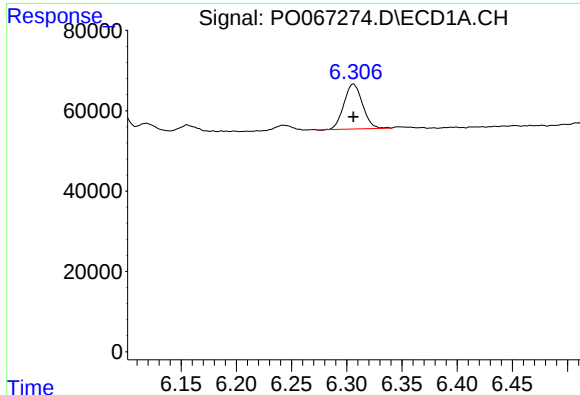
#26 AR-1254-1

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 91512
Conc: 93.54 ng/ml



#26 AR-1254-1

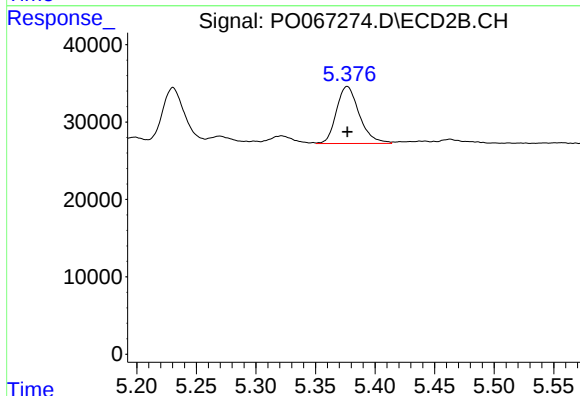
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 96144
Conc: 88.11 ng/ml



#27 AR-1254-2

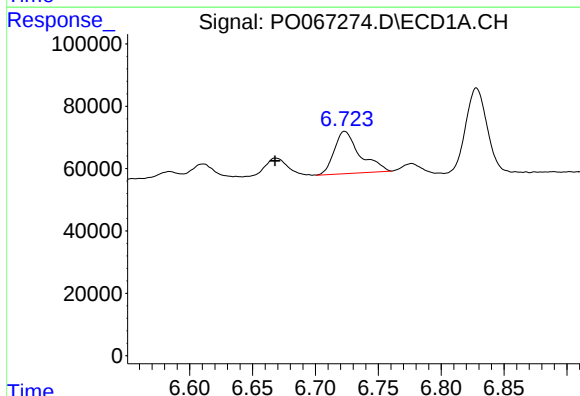
R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 131845
Conc: 81.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



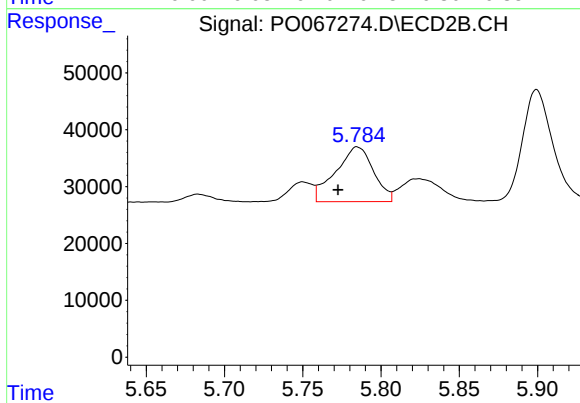
#27 AR-1254-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 98748
Conc: 96.70 ng/ml



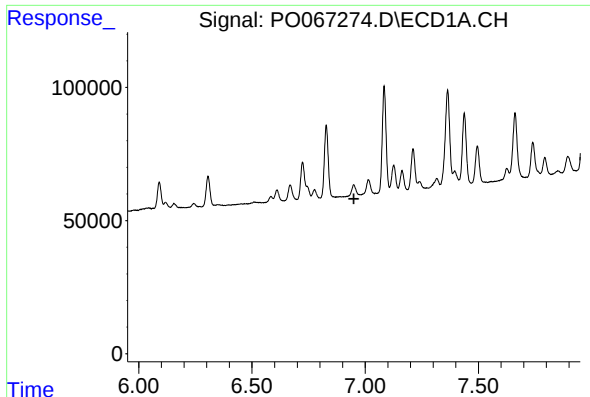
#28 AR-1254-3

R.T.: 6.723 min
Delta R.T.: 0.056 min
Response: 191259
Conc: 110.14 ng/ml



#28 AR-1254-3

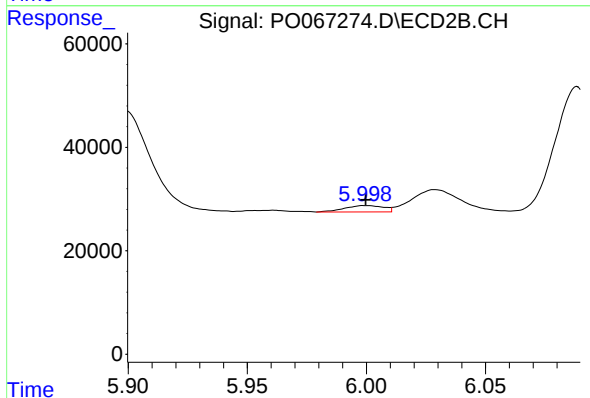
R.T.: 5.785 min
Delta R.T.: 0.012 min
Response: 162399
Conc: 104.46 ng/ml



#29 AR-1254-4

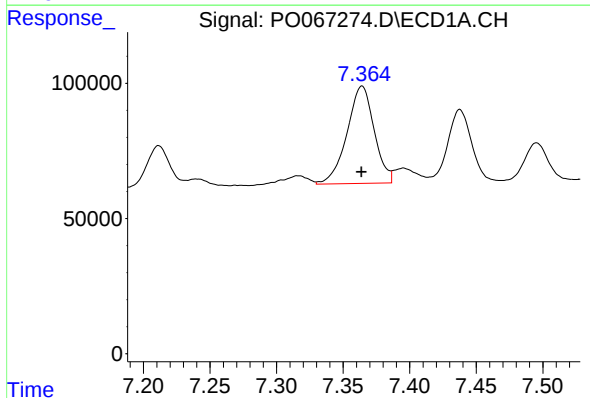
R.T.: 0.000 min
Exp R.T.: 6.950 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



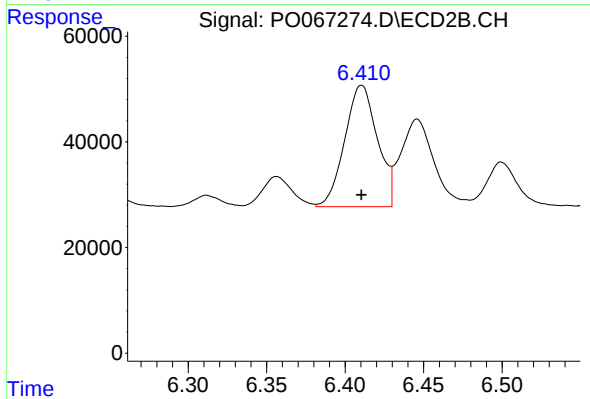
#29 AR-1254-4

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 14024
Conc: 11.75 ng/ml



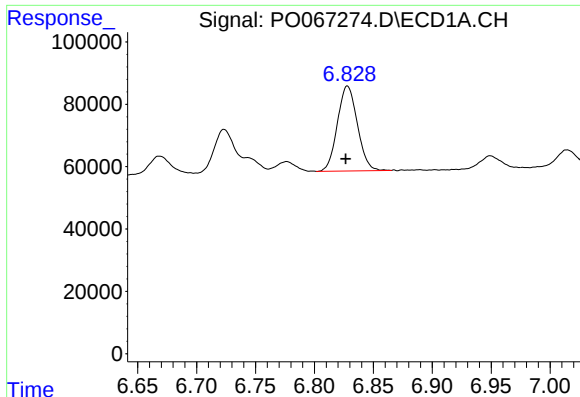
#30 AR-1254-5

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 512946
Conc: 323.71 ng/ml



#30 AR-1254-5

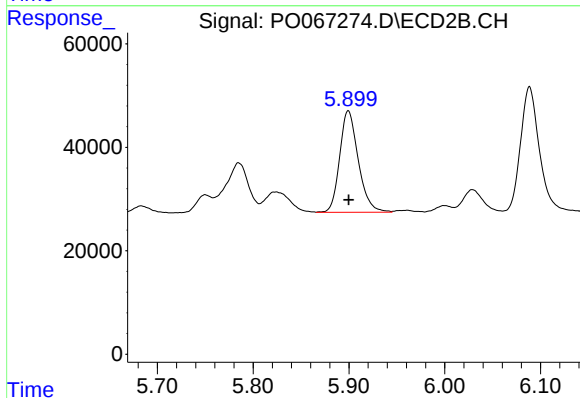
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 333450
Conc: 228.62 ng/ml



#31 AR-1260-1

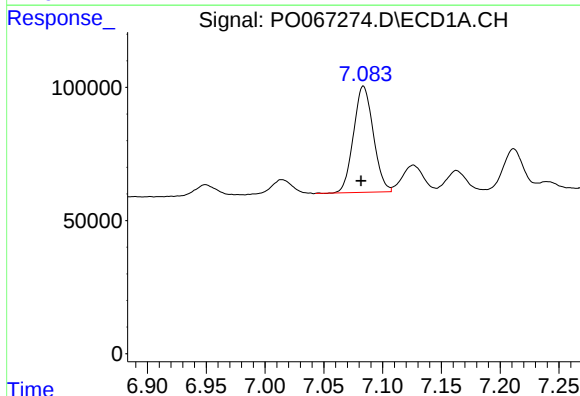
R.T.: 6.828 min
Delta R.T.: 0.001 min
Response: 321527
Conc: 203.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



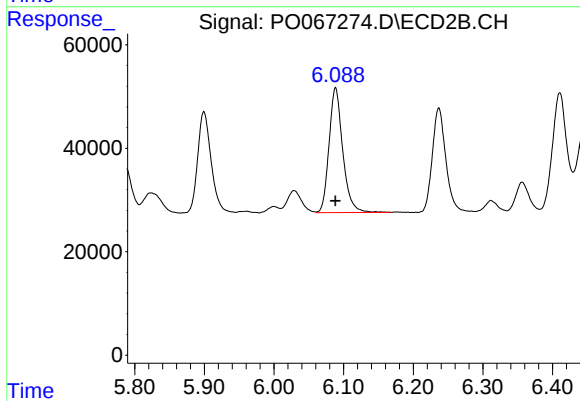
#31 AR-1260-1

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 264637
Conc: 186.04 ng/ml



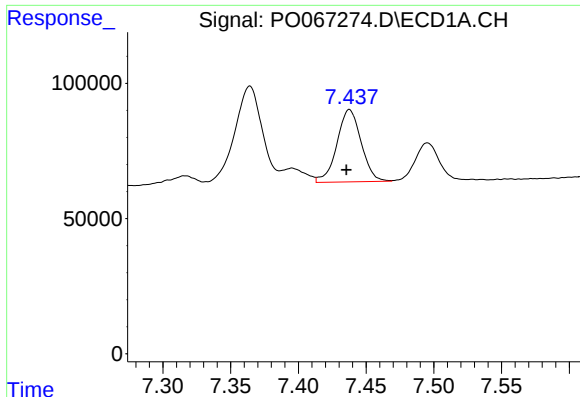
#32 AR-1260-2

R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 467152
Conc: 198.20 ng/ml



#32 AR-1260-2

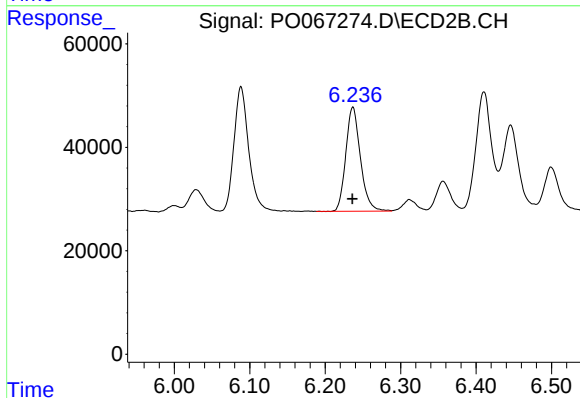
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 329575
Conc: 182.74 ng/ml



#33 AR-1260-3

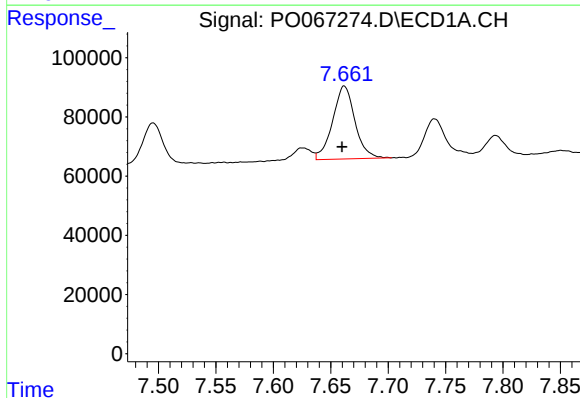
R.T.: 7.438 min
Delta R.T.: 0.002 min
Response: 332613
Conc: 167.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



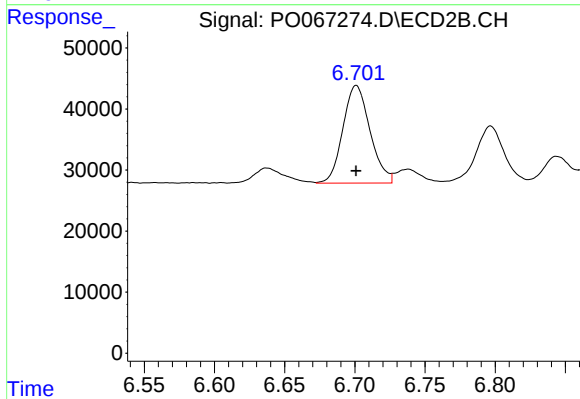
#33 AR-1260-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 271290
Conc: 177.57 ng/ml



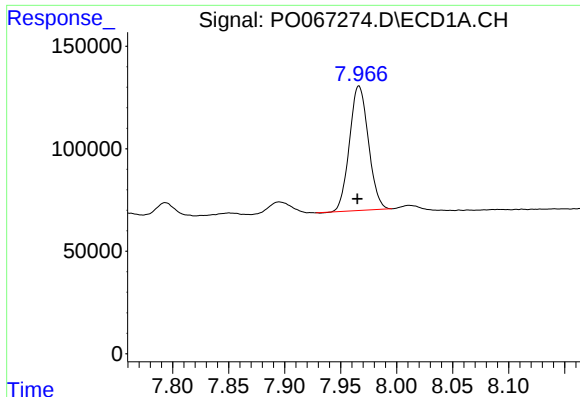
#34 AR-1260-4

R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 333436
Conc: 173.68 ng/ml



#34 AR-1260-4

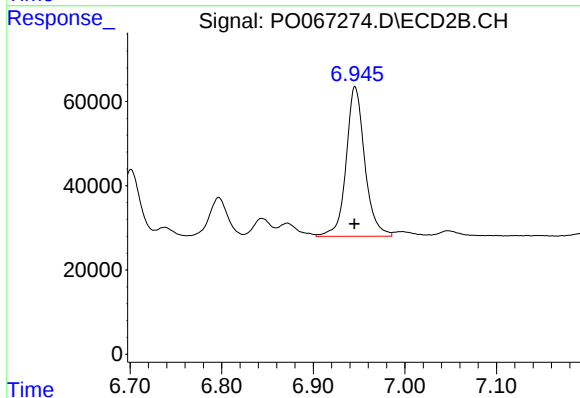
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 215135
Conc: 156.30 ng/ml



#35 AR-1260-5

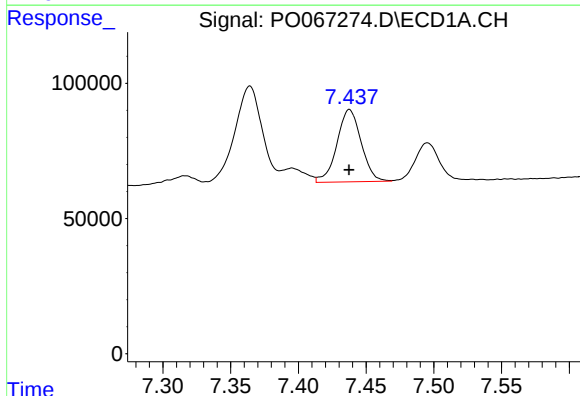
R.T.: 7.966 min
Delta R.T.: 0.001 min
Response: 714691
Conc: 157.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



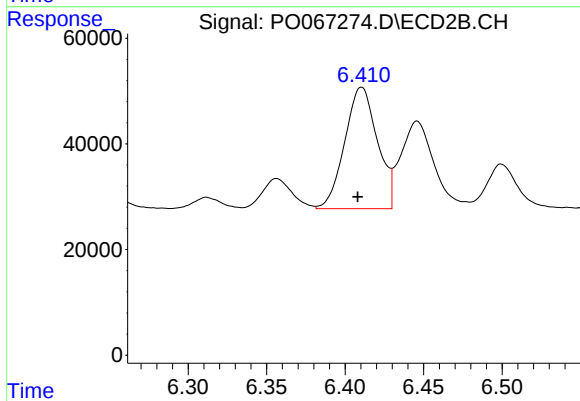
#35 AR-1260-5

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 502114
Conc: 154.42 ng/ml



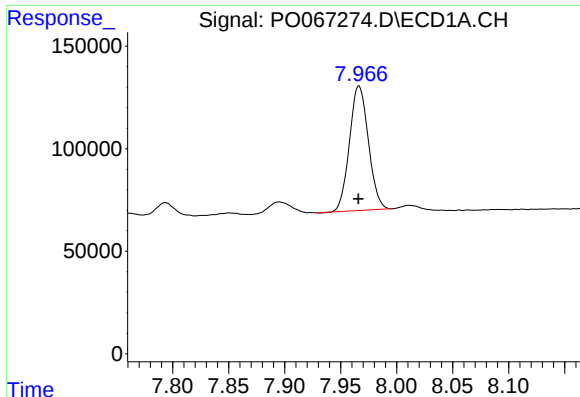
#36 AR-1262-1

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 332613
Conc: 139.30 ng/ml



#36 AR-1262-1

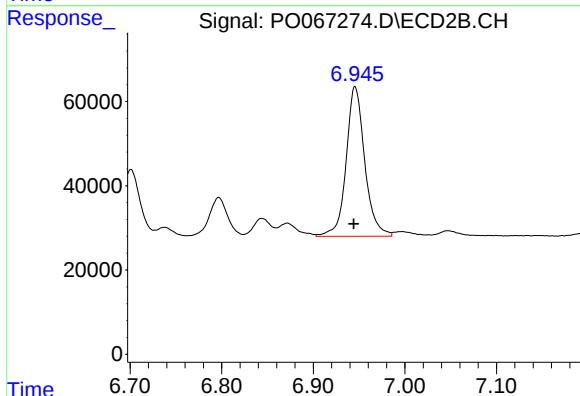
R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 333450
Conc: 469.57 ng/ml



#37 AR-1262-2

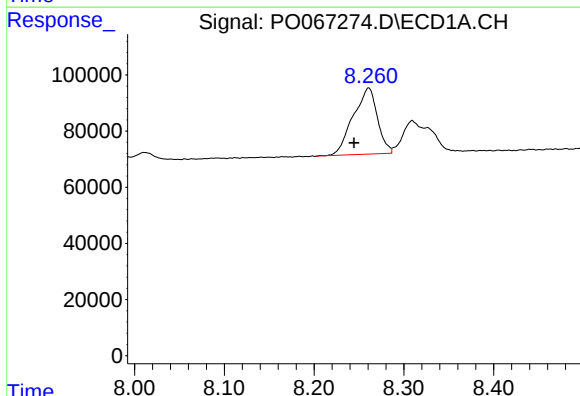
R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 714691
Conc: 171.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



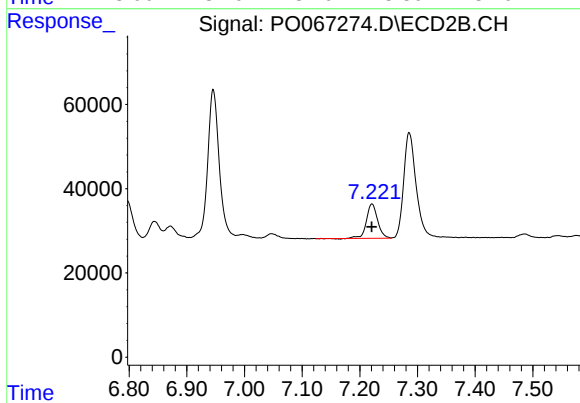
#37 AR-1262-2

R.T.: 6.946 min
Delta R.T.: 0.001 min
Response: 502114
Conc: 179.68 ng/ml



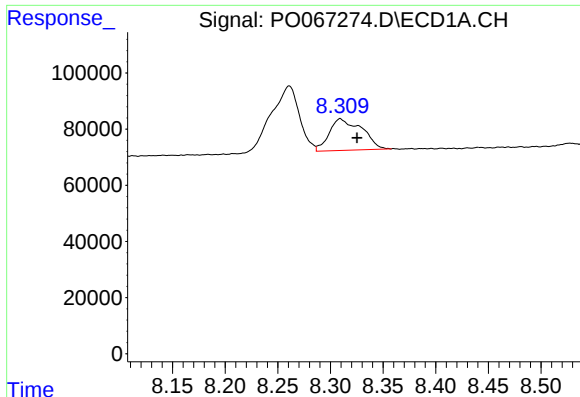
#38 AR-1262-3

R.T.: 8.261 min
Delta R.T.: 0.016 min
Response: 441584
Conc: 162.45 ng/ml



#38 AR-1262-3

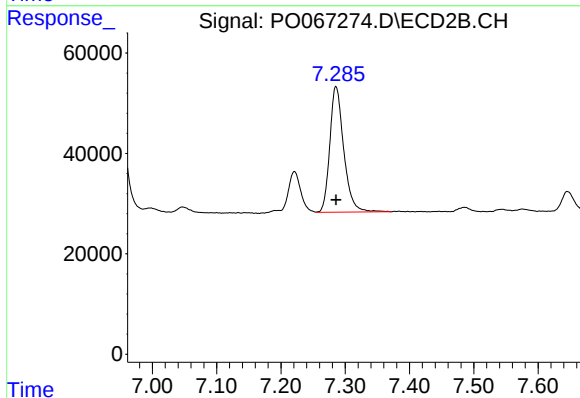
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 109125
Conc: 85.00 ng/ml



#39 AR-1262-4

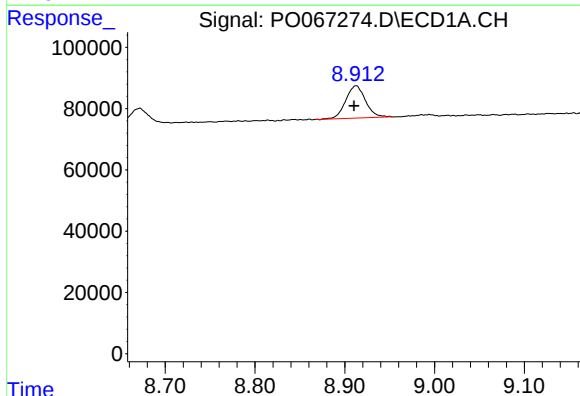
R.T.: 8.309 min
Delta R.T.: -0.016 min
Response: 243262
Conc: 121.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



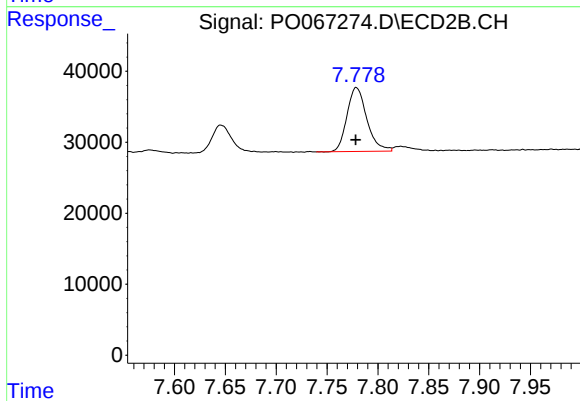
#39 AR-1262-4

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 376466
Conc: 171.31 ng/ml



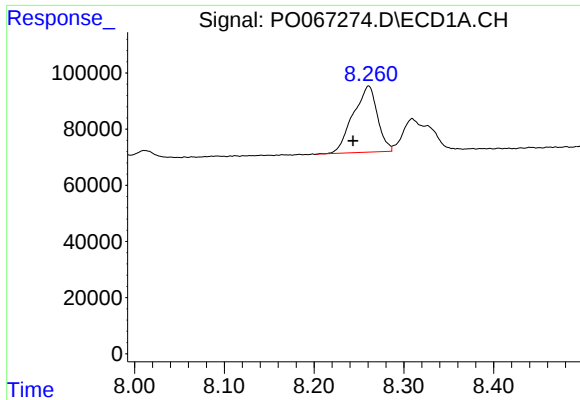
#40 AR-1262-5

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 161375
Conc: 119.37 ng/ml



#40 AR-1262-5

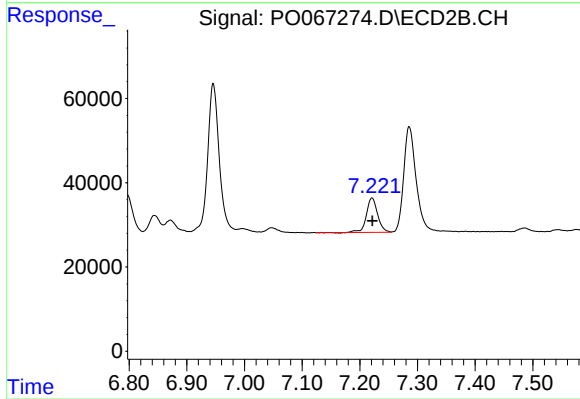
R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 122408
Conc: 116.30 ng/ml



#41 AR-1268-1

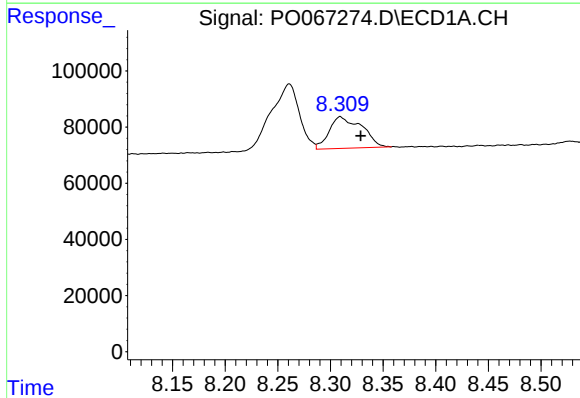
R.T.: 8.261 min
Delta R.T.: 0.017 min
Response: 441584
Conc: 82.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



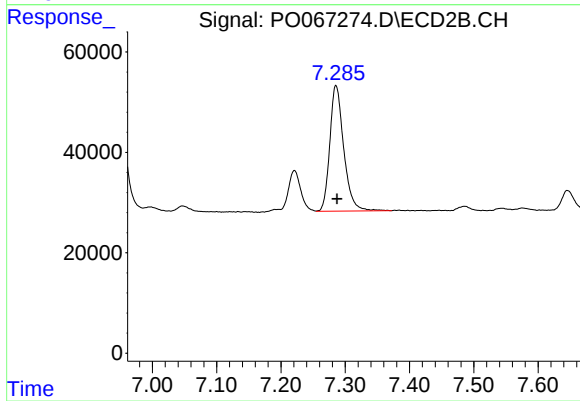
#41 AR-1268-1

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 109125
Conc: 29.43 ng/ml



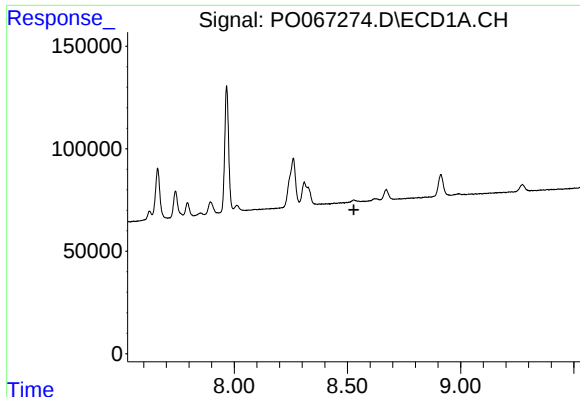
#42 AR-1268-2

R.T.: 8.309 min
Delta R.T.: -0.019 min
Response: 243262
Conc: 53.90 ng/ml



#42 AR-1268-2

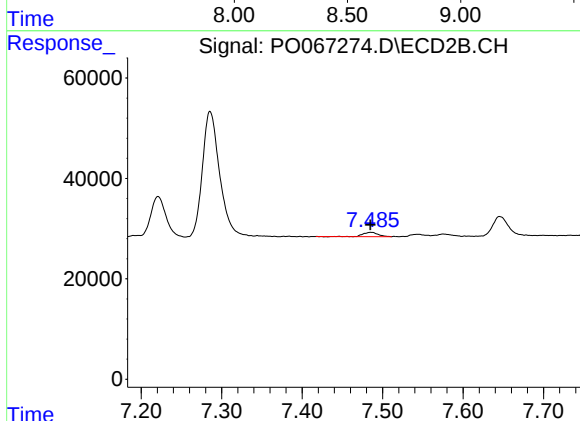
R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 376466
Conc: 112.82 ng/ml



#43 AR-1268-3

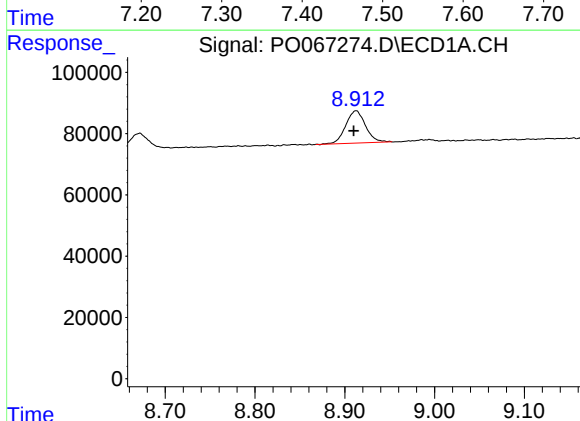
R.T.: 0.000 min
Exp R.T.: 8.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



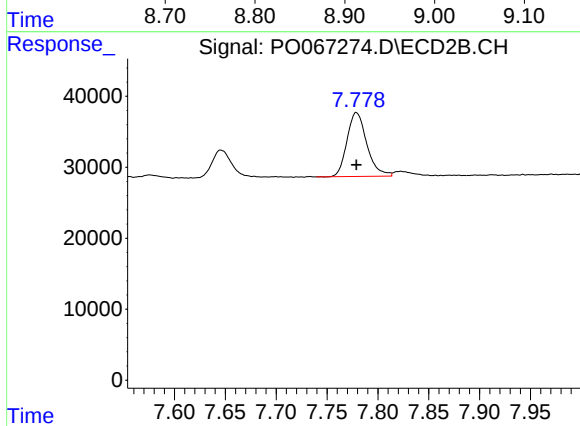
#43 AR-1268-3

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 11308
Conc: 4.01 ng/ml



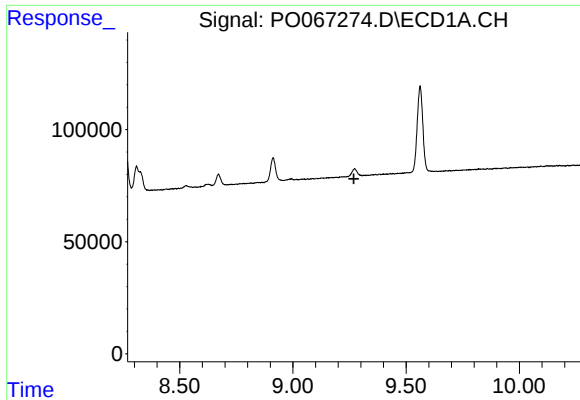
#44 AR-1268-4

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 161375
Conc: 99.91 ng/ml



#44 AR-1268-4

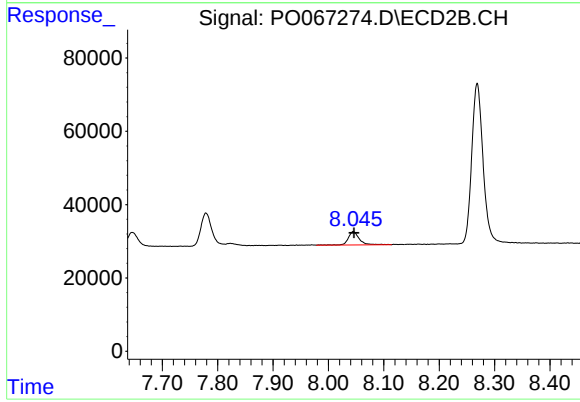
R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 122408
Conc: 97.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.045 min
Delta R.T.: -0.001 min
Response: 51623
Conc: 5.23 ng/ml