

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061600.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Oct 2019 19:16
 Operator : HP/AJ
 Sample : K5131-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:06:26 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...	4.367	3.526	637287	482903	15.538	14.932
2)	SA Decachlor...	10.032	8.396	409396	296233	8.791	9.150
Target Compounds							
3)	L1 AR-1016-1	5.531	4.579	423597	302094	231.000	224.662
4)	L1 AR-1016-2	5.553	4.596	622858	424172	240.968	228.867
5)	L1 AR-1016-3	5.615	4.767	330919	223352	205.995	222.968
6)	L1 AR-1016-4	5.714	4.809	321202	215744	240.251	248.965
7)	L1 AR-1016-5	6.006	5.015	317030	259960	231.168	227.747
8)	L2 AR-1221-1	4.571	3.734	31970	26027	69.157	65.728
9)	L2 AR-1221-2	4.662	3.817	44159	49072	122.998	159.122 #
10)	L2 AR-1221-3	4.738	3.891	188192	148492	165.295	162.796
11)	L3 AR-1232-1	4.738	3.891	188192	148492	134.576	132.252
12)	L3 AR-1232-2	5.264	4.596	311890	424172	397.536	347.487
13)	L3 AR-1232-3	5.553	4.767	622858	223352	364.525	338.282
14)	L3 AR-1232-4	5.714	4.849	321202	257404	363.028	408.349
15)	L3 AR-1232-5	5.803	5.015	285843	259960	412.275	378.867
16)	L4 AR-1242-1	5.531	4.579	423597	302094	298.273	294.869
17)	L4 AR-1242-2	5.553	4.596	622858	424172	309.905	300.784
18)	L4 AR-1242-3	5.615	4.767	330919	223352	262.244	286.025
19)	L4 AR-1242-4	5.714	4.849	321202	257404	305.683	313.678
20)	L4 AR-1242-5	6.448	5.358	179090	279125	133.900	260.562 #
21)	L5 AR-1248-1	5.531	4.579	423597	302094	360.564	337.605
22)	L5 AR-1248-2	5.803	4.809	285843	215744	169.422	183.103
23)	L5 AR-1248-3	6.006	4.849	317030	257404	169.640	207.370
24)	L5 AR-1248-4	6.409	5.015	134995	259960	57.132	172.926 #
25)	L5 AR-1248-5	6.448	5.397	179090	125525	78.983	81.820
26)	L6 AR-1254-1	6.382	5.358	308348	279125	135.157	127.263
27)	L6 AR-1254-2	6.600	5.502	469928	245482	130.063	125.215
28)	L6 AR-1254-3	6.966	5.910	240141	394107	61.459	123.787 #
29)	L6 AR-1254-4	7.250	6.120	150208	110105	49.596	54.270
30)	L6 AR-1254-5	7.667	6.530	677341	507229	215.686	179.330
31)	L7 AR-1260-1	7.128	6.024	507650	429800	194.461	210.707
32)	L7 AR-1260-2	7.384	6.209	624711	471068	195.957	196.137
33)	L7 AR-1260-3	7.742	6.358	353840	429467	147.319	190.611 #
34)	L7 AR-1260-4	7.967	6.823	436857	262642	163.491	142.260
35)	L7 AR-1260-5	8.282	7.062	659756	549815	133.334	141.209
36)	L8 AR-1262-1	7.742	6.620	353840	144926	92.351	118.730 #
37)	L8 AR-1262-2	8.282	7.062	659756	549815	106.274	119.576
38)	L8 AR-1262-3	8.601	7.341	413916	114375	99.587	60.714 #
39)	L8 AR-1262-4	8.653	7.403	225391	383622	71.397	114.148 #
40)	L8 AR-1262-5	9.309	7.892	153510	114956	75.486	75.830
41)	L9 AR-1268-1	8.601	7.341	413916	114375	61.554	23.684 #

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Operator : HP/AJ
Sample : K5131-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

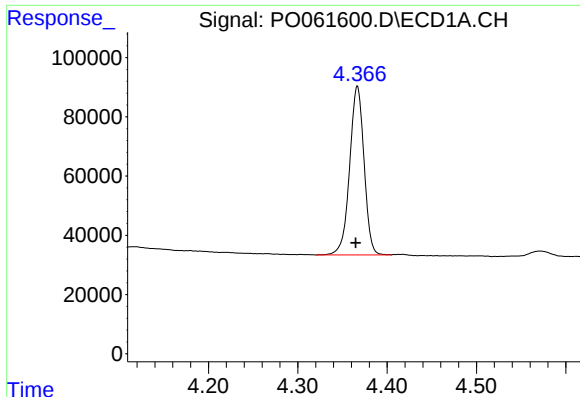
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:06:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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Volume Inj. : 2 µl
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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	8.653	7.403	225391	383622	36.398	89.011 #
43)	L9 AR-1268-3	8.894	7.606	19215	35001	3.759	9.765 #
44)	L9 AR-1268-4	9.309	7.892	153510	114956	70.205	71.429
45)	L9 AR-1268-5	9.708	8.164	56369	47224	3.752	4.696 #

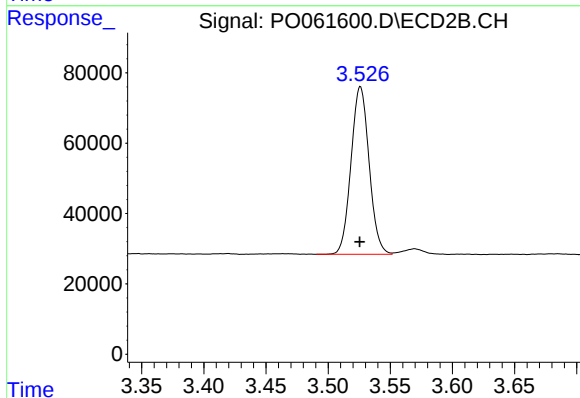
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

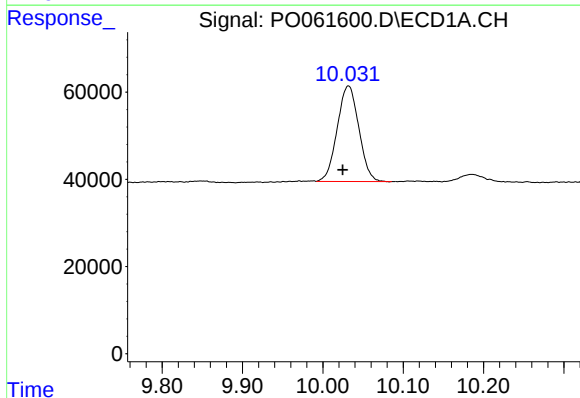
R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 637287
Conc: 15.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



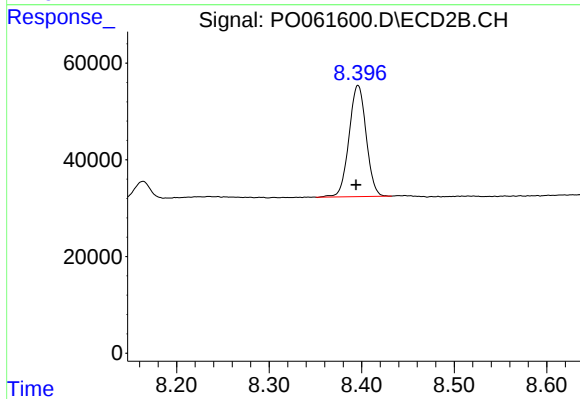
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 482903
Conc: 14.93 ng/ml



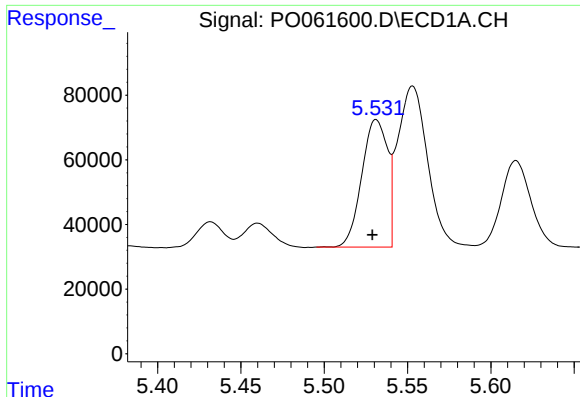
#2 Decachlorobiphenyl

R.T.: 10.032 min
Delta R.T.: 0.007 min
Response: 409396
Conc: 8.79 ng/ml



#2 Decachlorobiphenyl

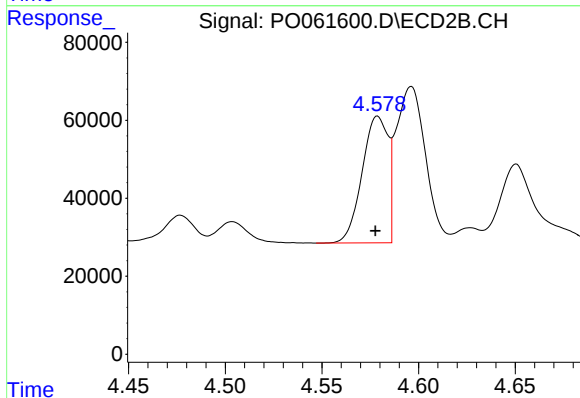
R.T.: 8.396 min
Delta R.T.: 0.002 min
Response: 296233
Conc: 9.15 ng/ml



#3 AR-1016-1

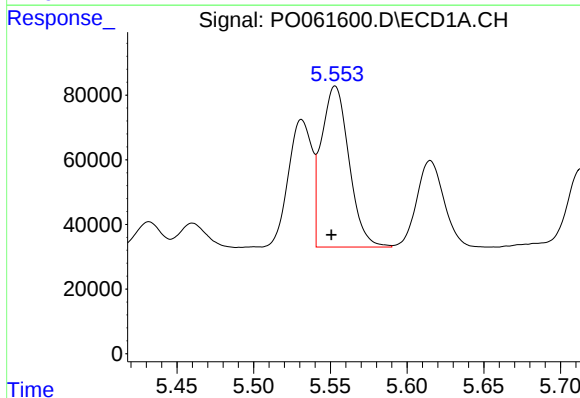
R.T.: 5.531 min
Delta R.T.: 0.002 min
Response: 423597
Conc: 231.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



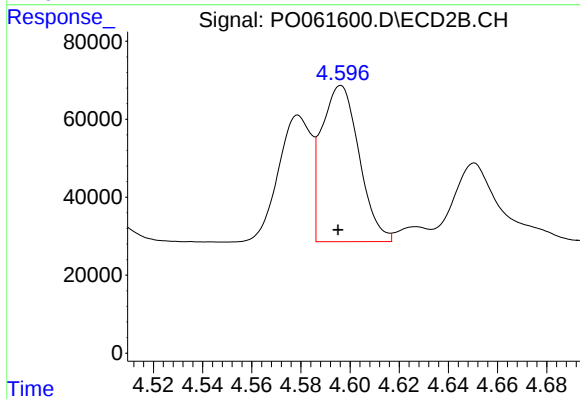
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: 0.001 min
Response: 302094
Conc: 224.66 ng/ml



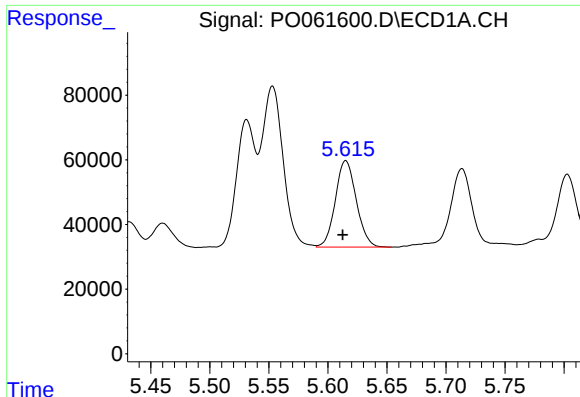
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 622858
Conc: 240.97 ng/ml



#4 AR-1016-2

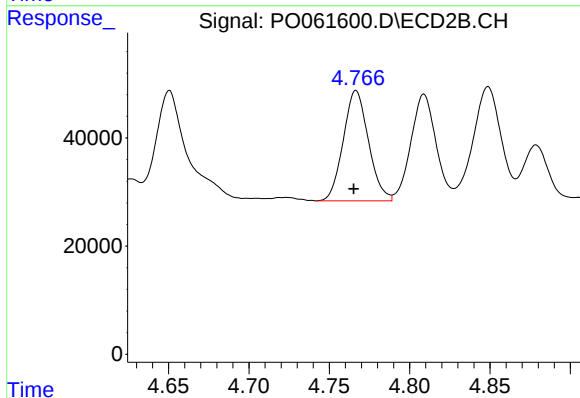
R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 424172
Conc: 228.87 ng/ml



#5 AR-1016-3

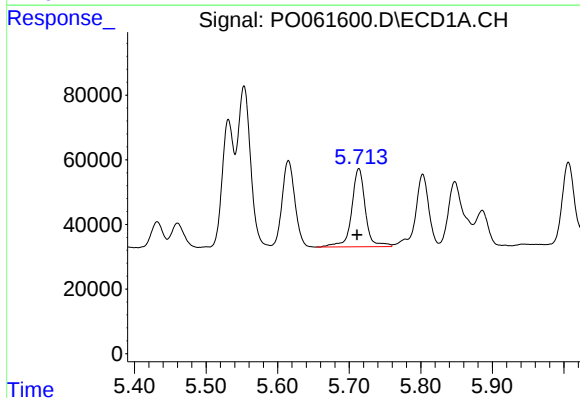
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 330919
Conc: 206.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



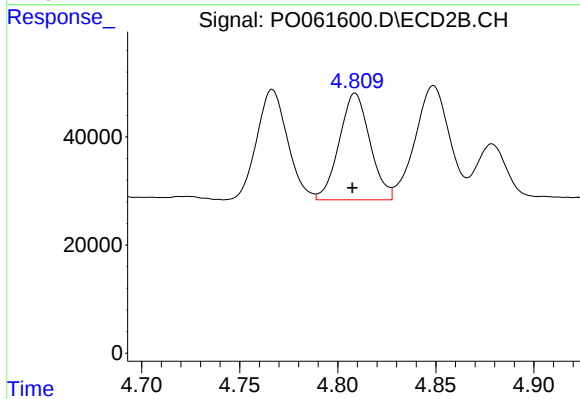
#5 AR-1016-3

R.T.: 4.767 min
Delta R.T.: 0.001 min
Response: 223352
Conc: 222.97 ng/ml



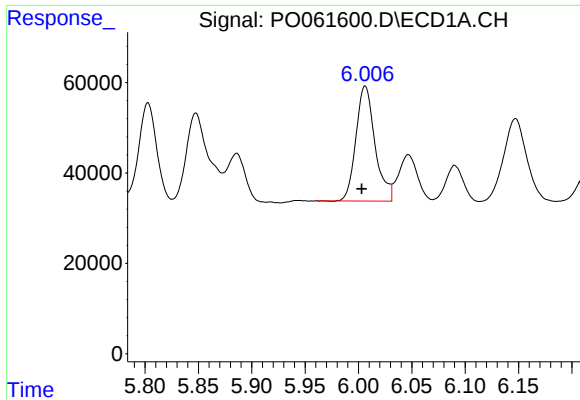
#6 AR-1016-4

R.T.: 5.714 min
Delta R.T.: 0.003 min
Response: 321202
Conc: 240.25 ng/ml



#6 AR-1016-4

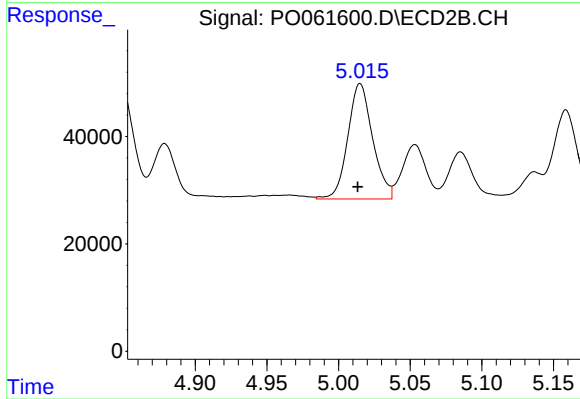
R.T.: 4.809 min
Delta R.T.: 0.001 min
Response: 215744
Conc: 248.97 ng/ml



#7 AR-1016-5

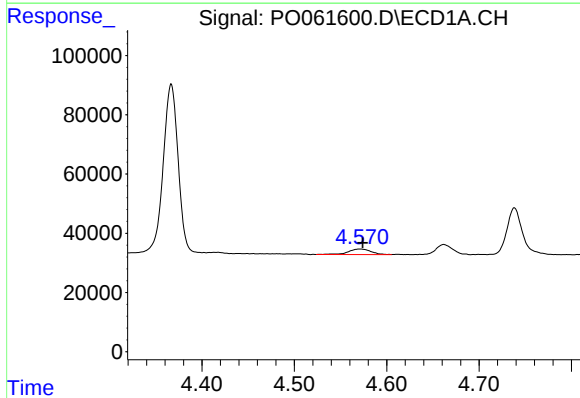
R.T.: 6.006 min
Delta R.T.: 0.003 min
Response: 317030
Conc: 231.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



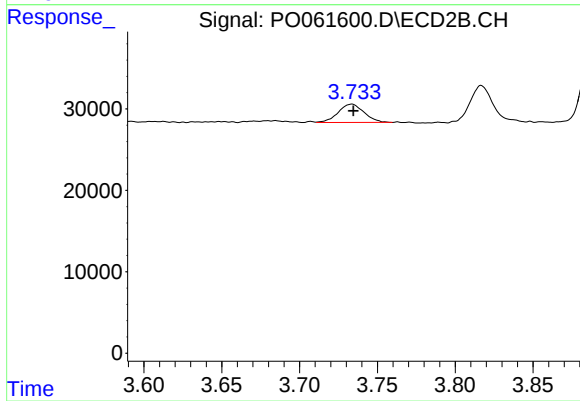
#7 AR-1016-5

R.T.: 5.015 min
Delta R.T.: 0.002 min
Response: 259960
Conc: 227.75 ng/ml



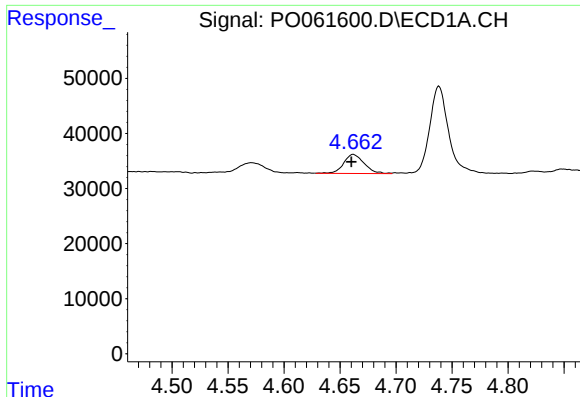
#8 AR-1221-1

R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 31970
Conc: 69.16 ng/ml



#8 AR-1221-1

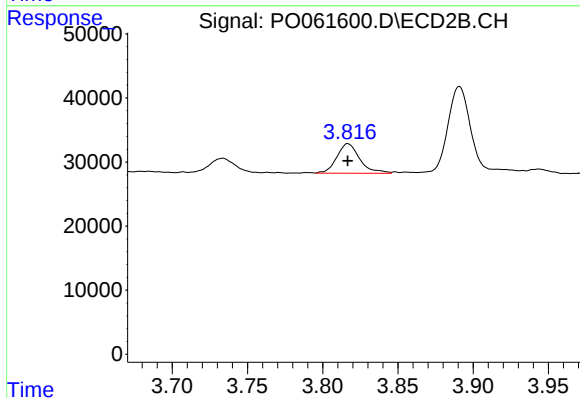
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 26027
Conc: 65.73 ng/ml



#9 AR-1221-2

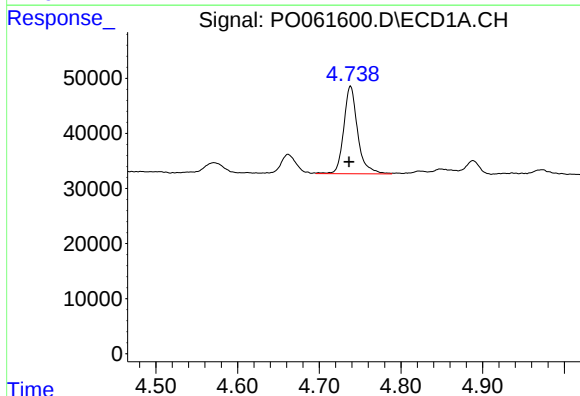
R.T.: 4.662 min
Delta R.T.: 0.002 min
Response: 44159
Conc: 123.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



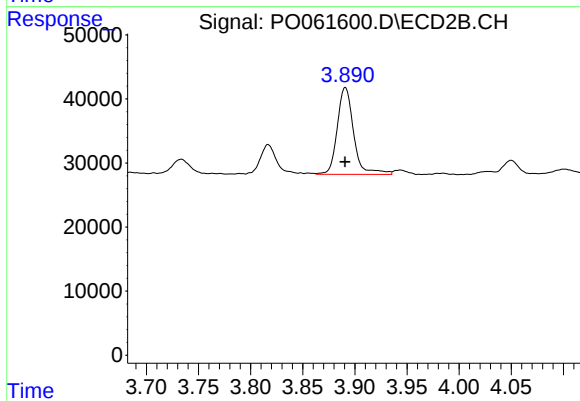
#9 AR-1221-2

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 49072
Conc: 159.12 ng/ml



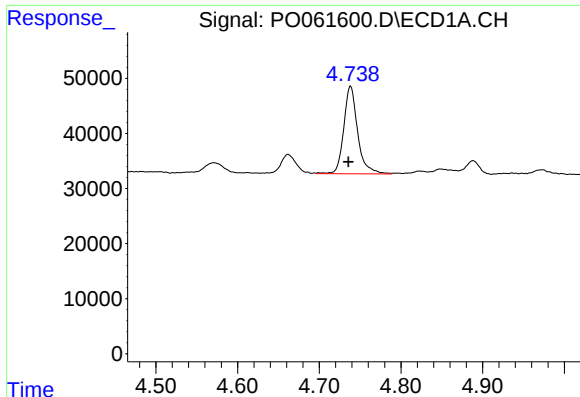
#10 AR-1221-3

R.T.: 4.738 min
Delta R.T.: 0.002 min
Response: 188192
Conc: 165.29 ng/ml



#10 AR-1221-3

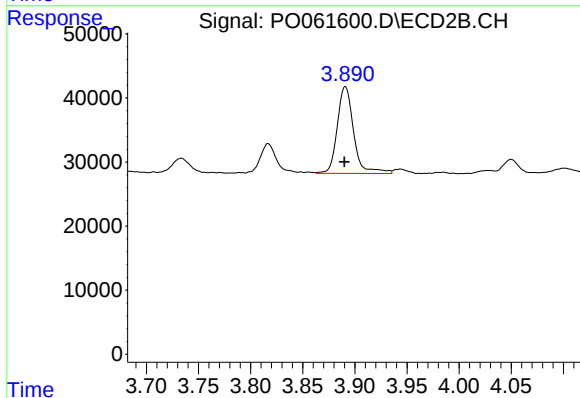
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 148492
Conc: 162.80 ng/ml



#11 AR-1232-1

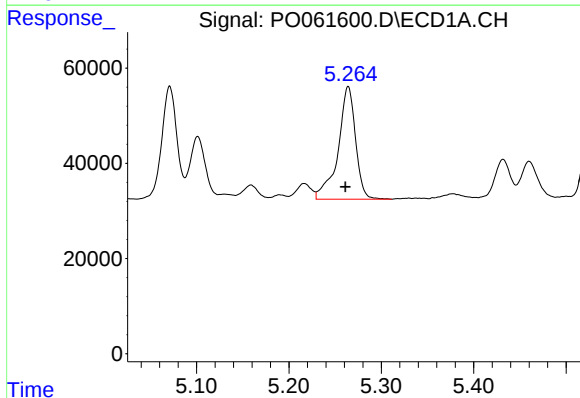
R.T.: 4.738 min
Delta R.T.: 0.003 min
Response: 188192
Conc: 134.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



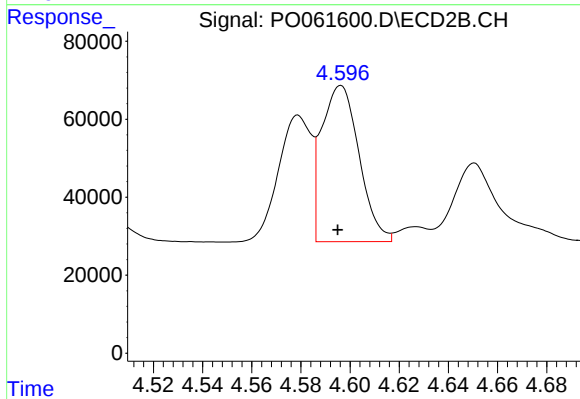
#11 AR-1232-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 148492
Conc: 132.25 ng/ml



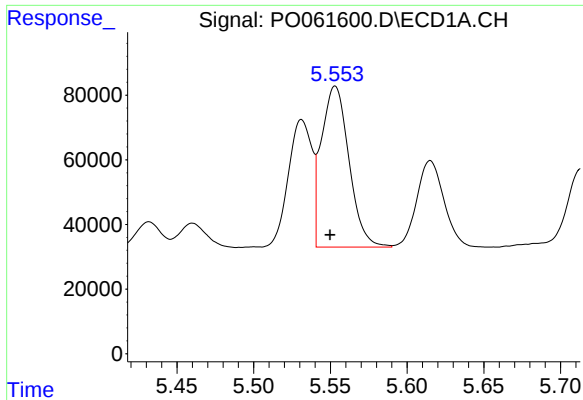
#12 AR-1232-2

R.T.: 5.264 min
Delta R.T.: 0.003 min
Response: 311890
Conc: 397.54 ng/ml



#12 AR-1232-2

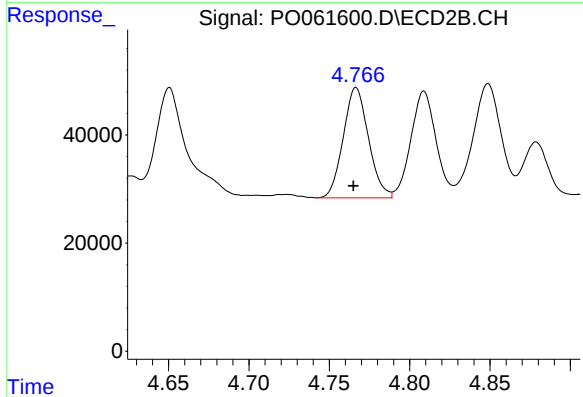
R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 424172
Conc: 347.49 ng/ml



#13 AR-1232-3

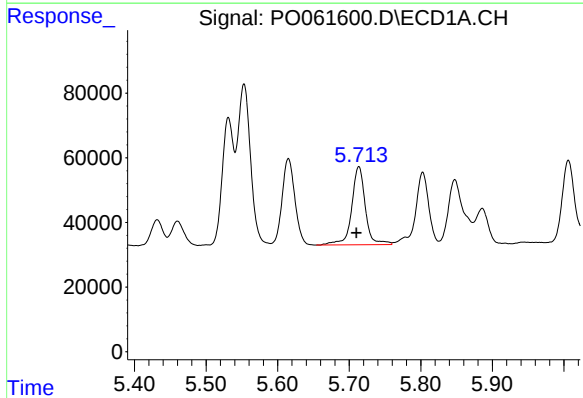
R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 622858
Conc: 364.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



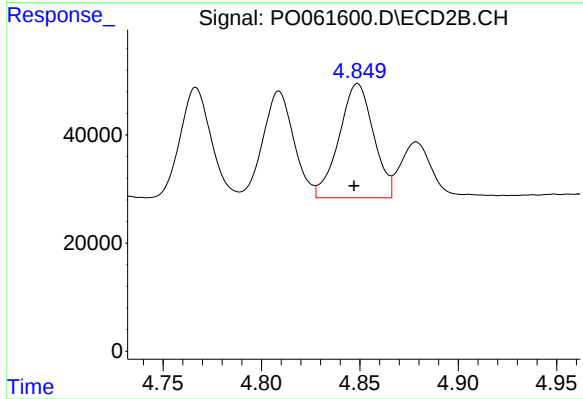
#13 AR-1232-3

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 223352
Conc: 338.28 ng/ml



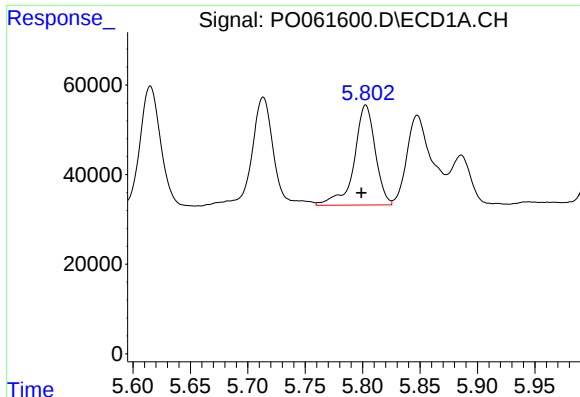
#14 AR-1232-4

R.T.: 5.714 min
Delta R.T.: 0.004 min
Response: 321202
Conc: 363.03 ng/ml



#14 AR-1232-4

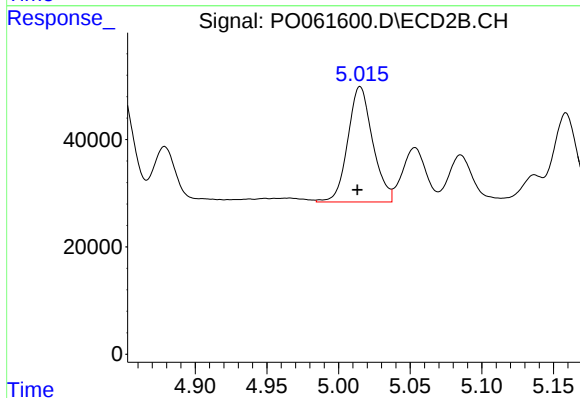
R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 257404
Conc: 408.35 ng/ml



#15 AR-1232-5

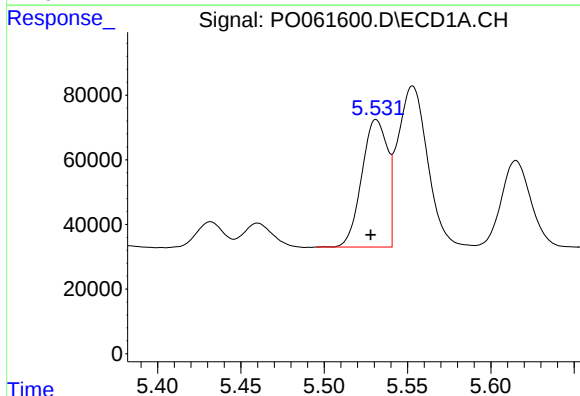
R.T.: 5.803 min
Delta R.T.: 0.004 min
Response: 285843
Conc: 412.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



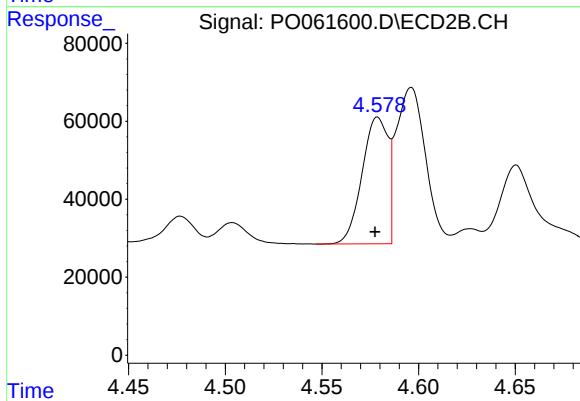
#15 AR-1232-5

R.T.: 5.015 min
Delta R.T.: 0.002 min
Response: 259960
Conc: 378.87 ng/ml



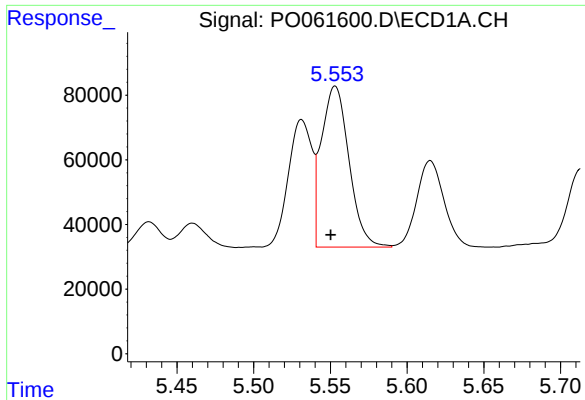
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 423597
Conc: 298.27 ng/ml



#16 AR-1242-1

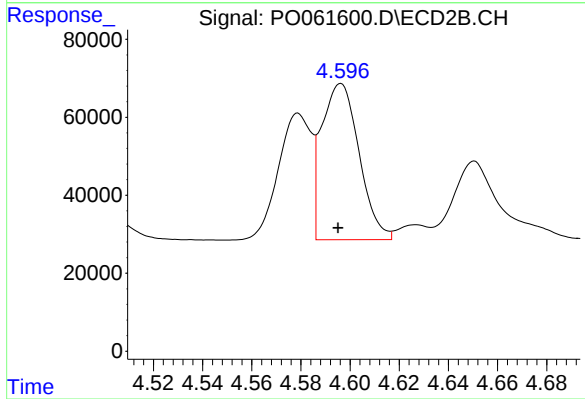
R.T.: 4.579 min
Delta R.T.: 0.001 min
Response: 302094
Conc: 294.87 ng/ml



#17 AR-1242-2

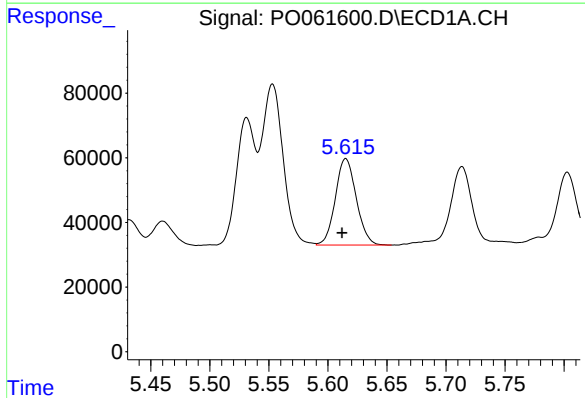
R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 622858
Conc: 309.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



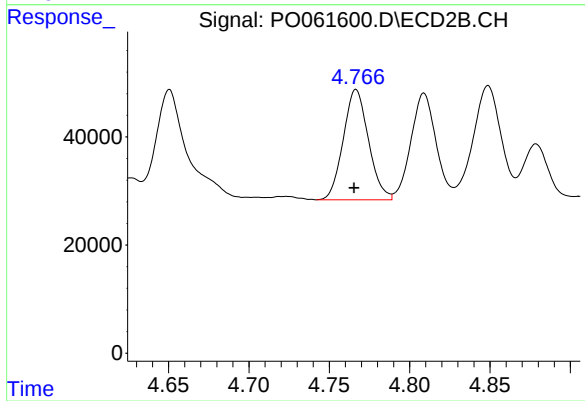
#17 AR-1242-2

R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 424172
Conc: 300.78 ng/ml



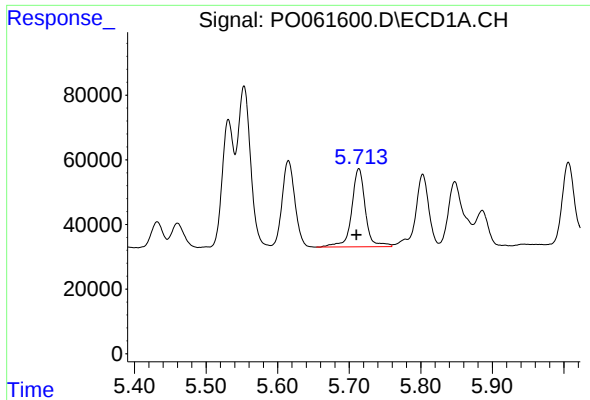
#18 AR-1242-3

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 330919
Conc: 262.24 ng/ml



#18 AR-1242-3

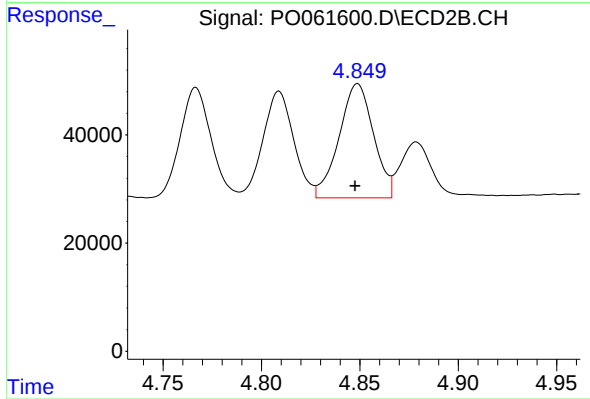
R.T.: 4.767 min
Delta R.T.: 0.001 min
Response: 223352
Conc: 286.02 ng/ml



#19 AR-1242-4

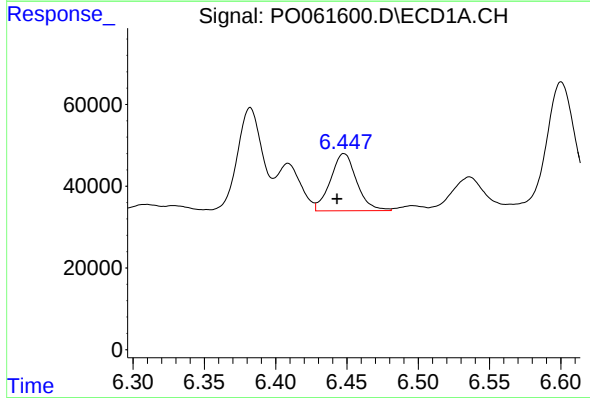
R.T.: 5.714 min
Delta R.T.: 0.003 min
Response: 321202
Conc: 305.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



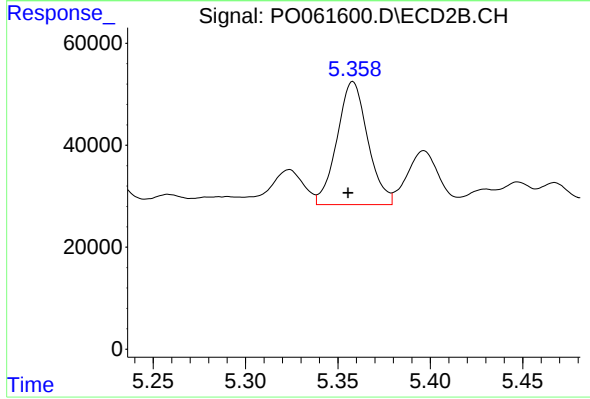
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: 0.001 min
Response: 257404
Conc: 313.68 ng/ml



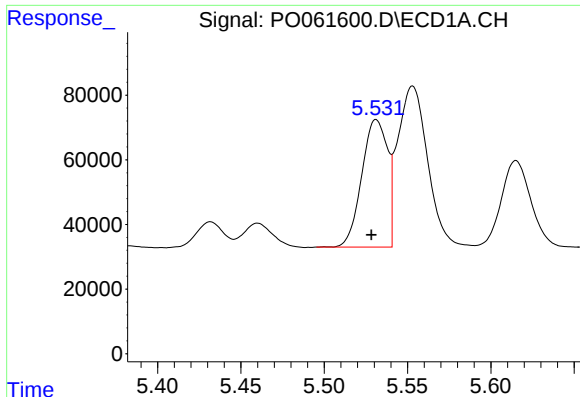
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: 0.005 min
Response: 179090
Conc: 133.90 ng/ml



#20 AR-1242-5

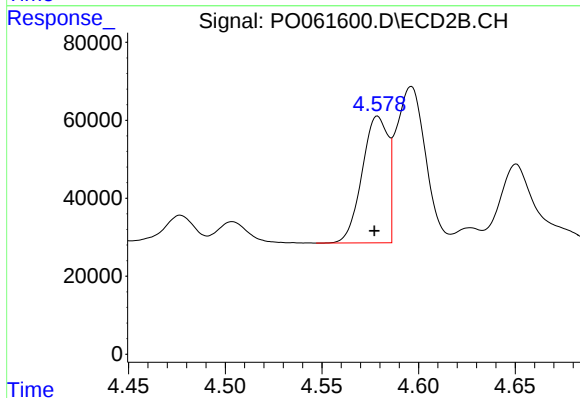
R.T.: 5.358 min
Delta R.T.: 0.003 min
Response: 279125
Conc: 260.56 ng/ml



#21 AR-1248-1

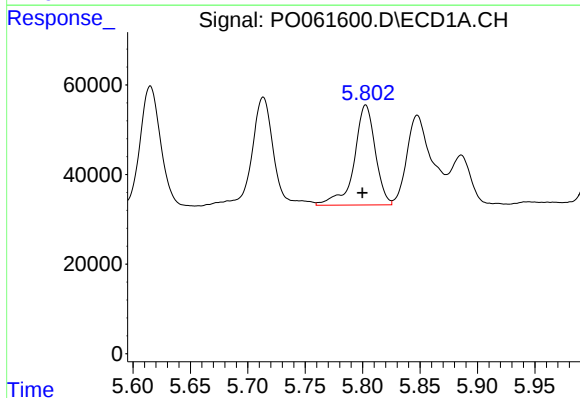
R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 423597
Conc: 360.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



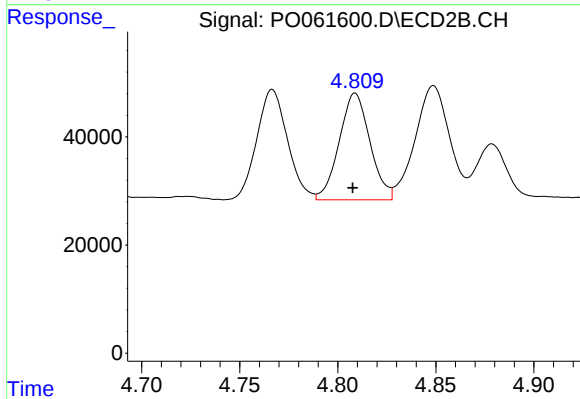
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: 0.002 min
Response: 302094
Conc: 337.60 ng/ml



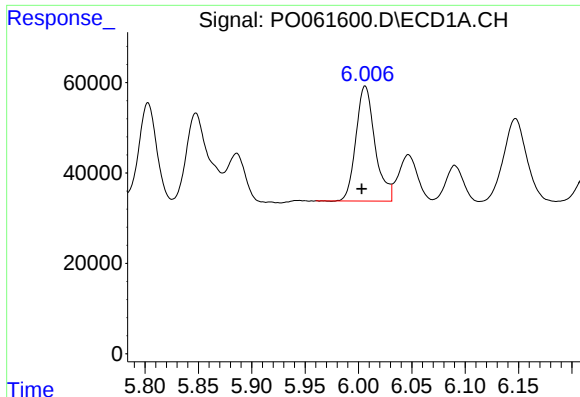
#22 AR-1248-2

R.T.: 5.803 min
Delta R.T.: 0.003 min
Response: 285843
Conc: 169.42 ng/ml



#22 AR-1248-2

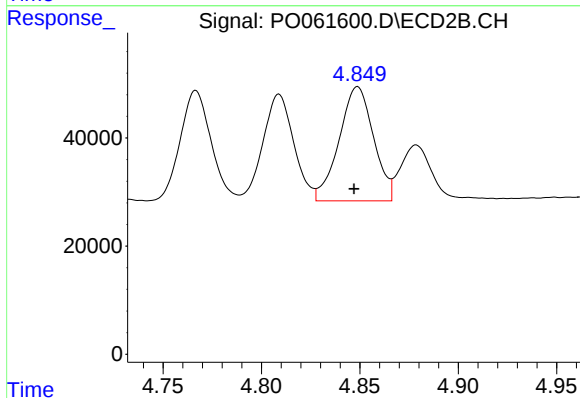
R.T.: 4.809 min
Delta R.T.: 0.001 min
Response: 215744
Conc: 183.10 ng/ml



#23 AR-1248-3

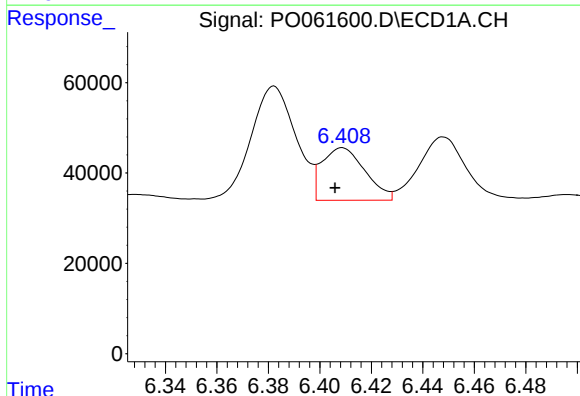
R.T.: 6.006 min
Delta R.T.: 0.003 min
Response: 317030
Conc: 169.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



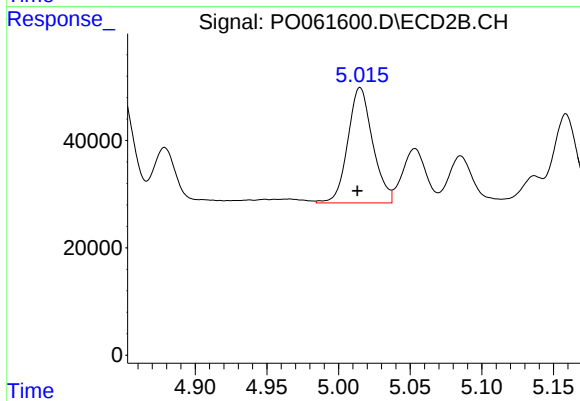
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 257404
Conc: 207.37 ng/ml



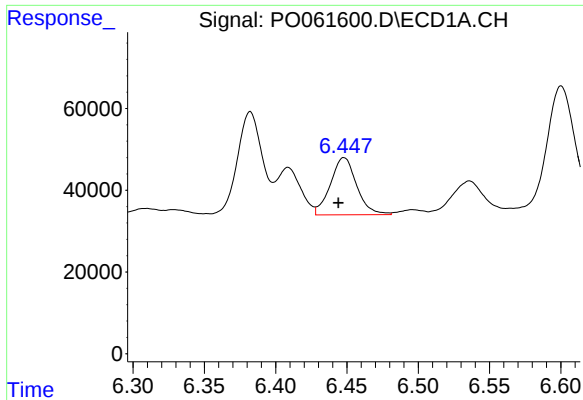
#24 AR-1248-4

R.T.: 6.409 min
Delta R.T.: 0.003 min
Response: 134995
Conc: 57.13 ng/ml



#24 AR-1248-4

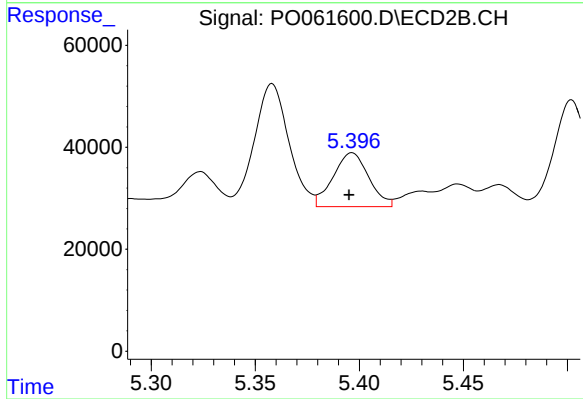
R.T.: 5.015 min
Delta R.T.: 0.002 min
Response: 259960
Conc: 172.93 ng/ml



#25 AR-1248-5

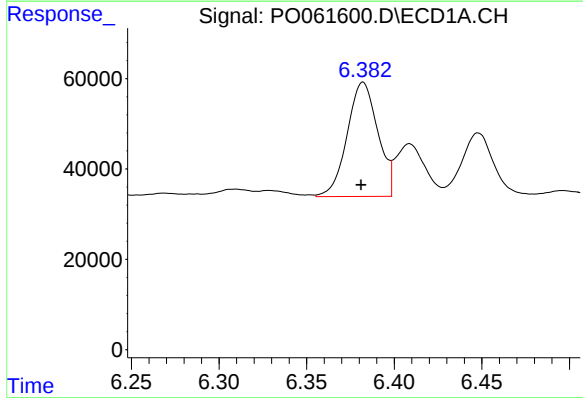
R.T.: 6.448 min
Delta R.T.: 0.004 min
Response: 179090
Conc: 78.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



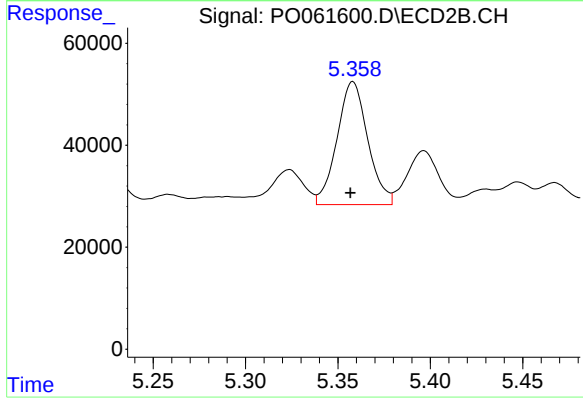
#25 AR-1248-5

R.T.: 5.397 min
Delta R.T.: 0.001 min
Response: 125525
Conc: 81.82 ng/ml



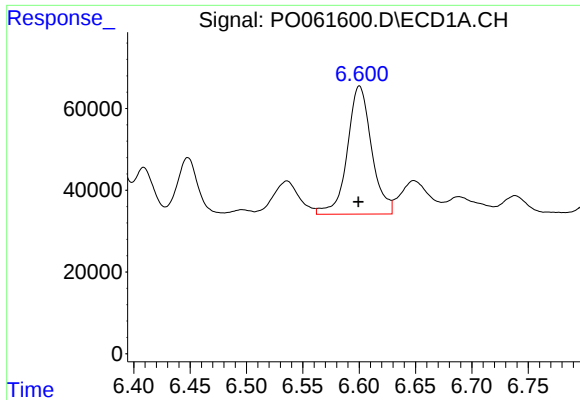
#26 AR-1254-1

R.T.: 6.382 min
Delta R.T.: 0.001 min
Response: 308348
Conc: 135.16 ng/ml



#26 AR-1254-1

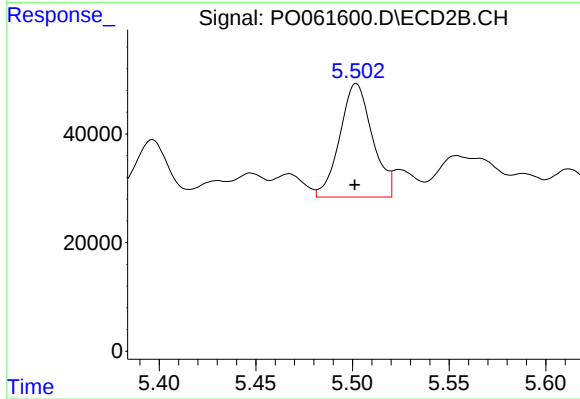
R.T.: 5.358 min
Delta R.T.: 0.001 min
Response: 279125
Conc: 127.26 ng/ml



#27 AR-1254-2

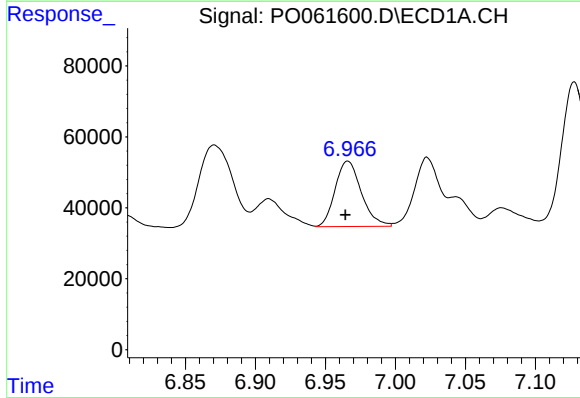
R.T.: 6.600 min
Delta R.T.: 0.001 min
Response: 469928
Conc: 130.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



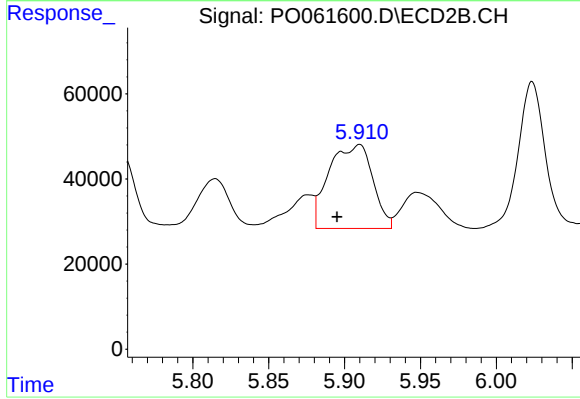
#27 AR-1254-2

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 245482
Conc: 125.21 ng/ml



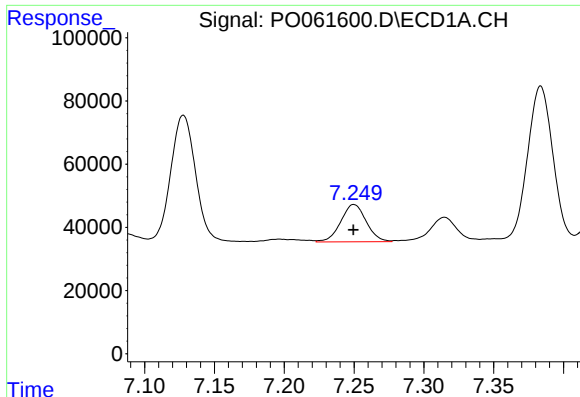
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 240141
Conc: 61.46 ng/ml



#28 AR-1254-3

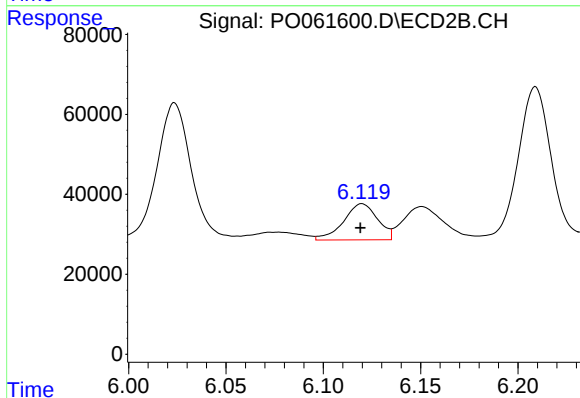
R.T.: 5.910 min
Delta R.T.: 0.015 min
Response: 394107
Conc: 123.79 ng/ml



#29 AR-1254-4

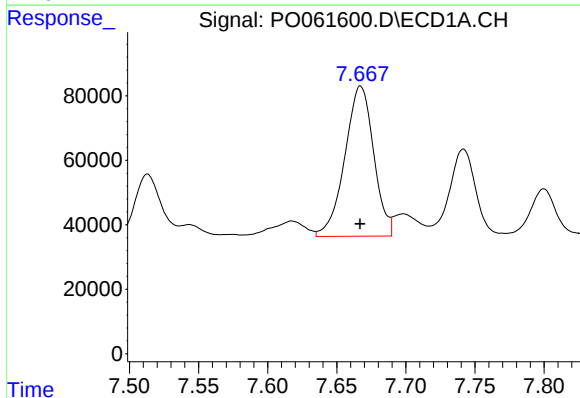
R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 150208
Conc: 49.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



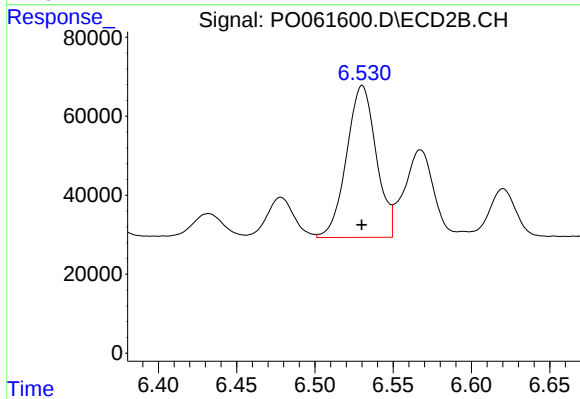
#29 AR-1254-4

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 110105
Conc: 54.27 ng/ml



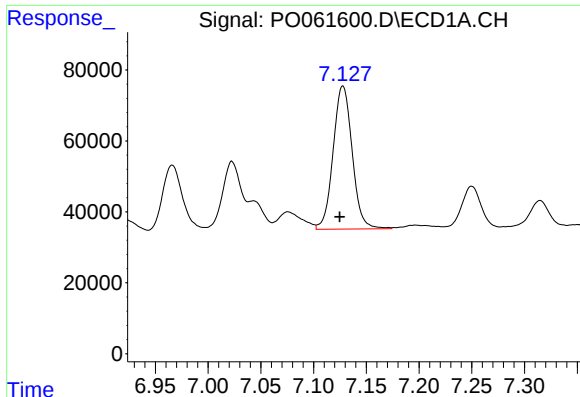
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 677341
Conc: 215.69 ng/ml



#30 AR-1254-5

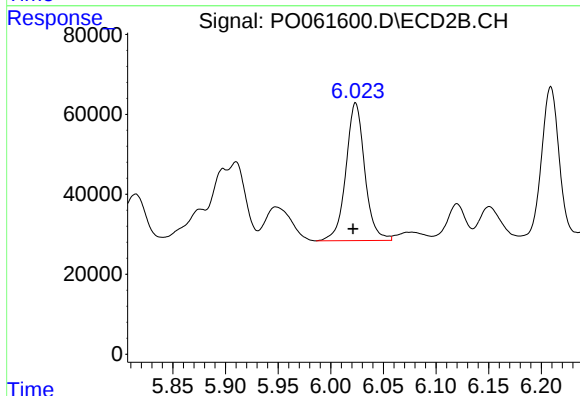
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 507229
Conc: 179.33 ng/ml



#31 AR-1260-1

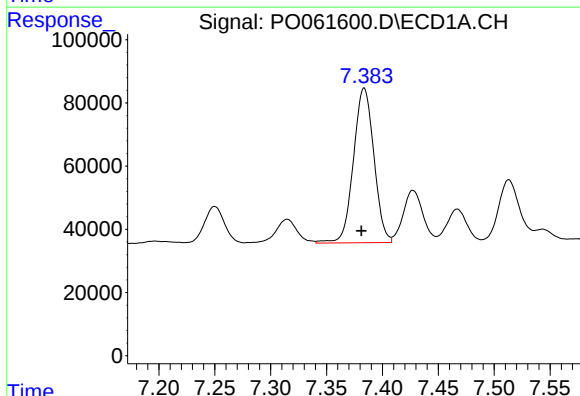
R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 507650
Conc: 194.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



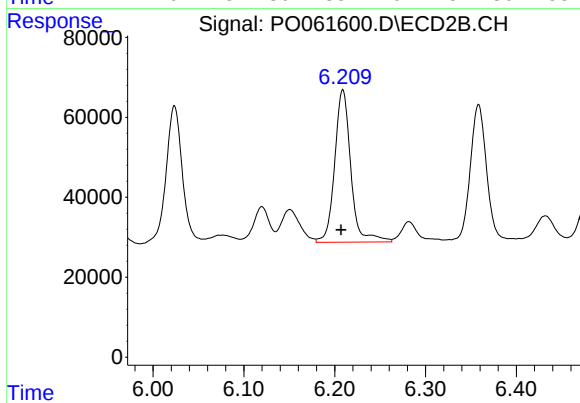
#31 AR-1260-1

R.T.: 6.024 min
Delta R.T.: 0.002 min
Response: 429800
Conc: 210.71 ng/ml



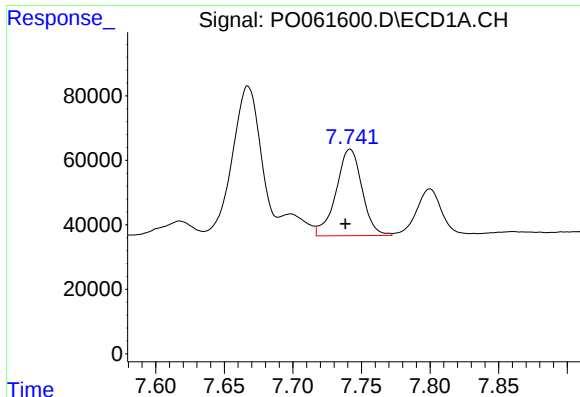
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: 0.003 min
Response: 624711
Conc: 195.96 ng/ml



#32 AR-1260-2

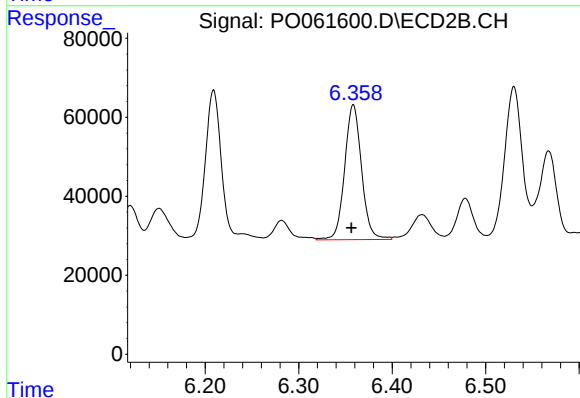
R.T.: 6.209 min
Delta R.T.: 0.002 min
Response: 471068
Conc: 196.14 ng/ml



#33 AR-1260-3

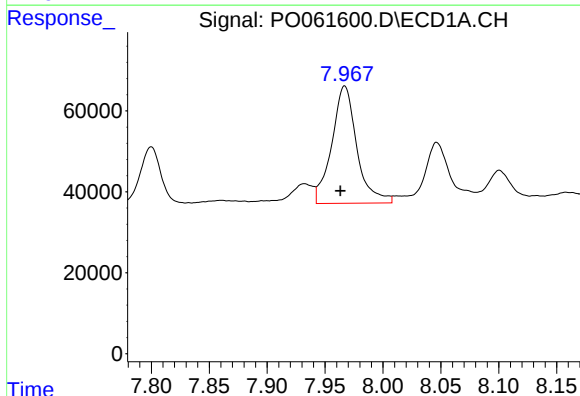
R.T.: 7.742 min
Delta R.T.: 0.004 min
Response: 353840
Conc: 147.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



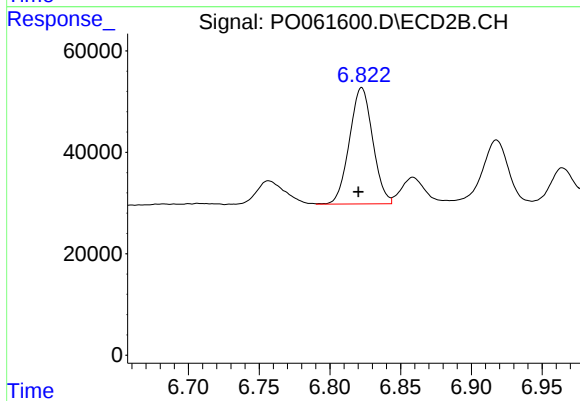
#33 AR-1260-3

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 429467
Conc: 190.61 ng/ml



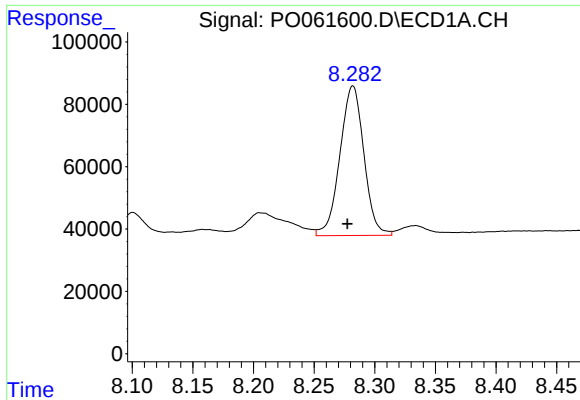
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: 0.004 min
Response: 436857
Conc: 163.49 ng/ml



#34 AR-1260-4

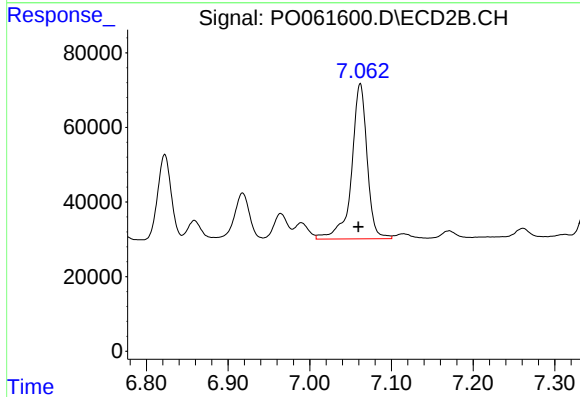
R.T.: 6.823 min
Delta R.T.: 0.002 min
Response: 262642
Conc: 142.26 ng/ml



#35 AR-1260-5

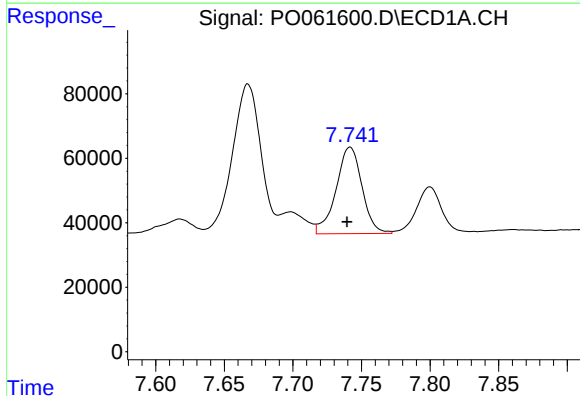
R.T.: 8.282 min
Delta R.T.: 0.005 min
Response: 659756
Conc: 133.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



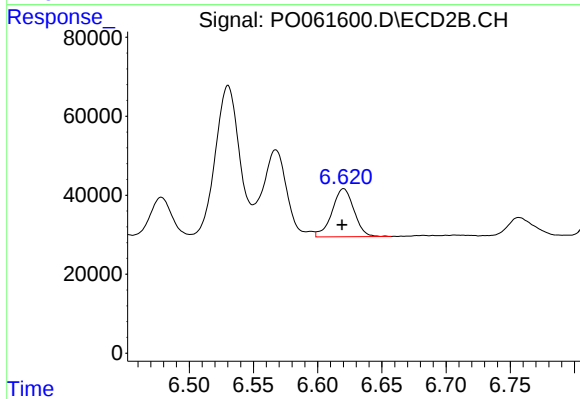
#35 AR-1260-5

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 549815
Conc: 141.21 ng/ml



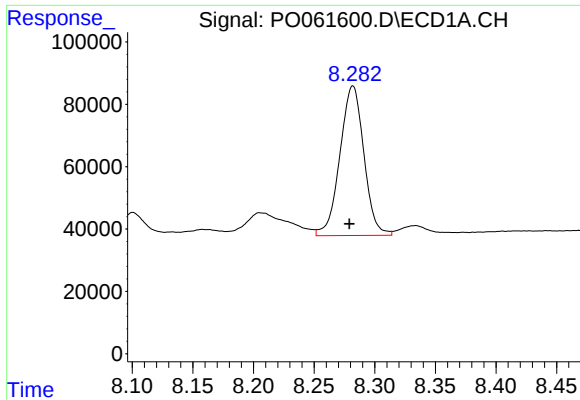
#36 AR-1262-1

R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 353840
Conc: 92.35 ng/ml



#36 AR-1262-1

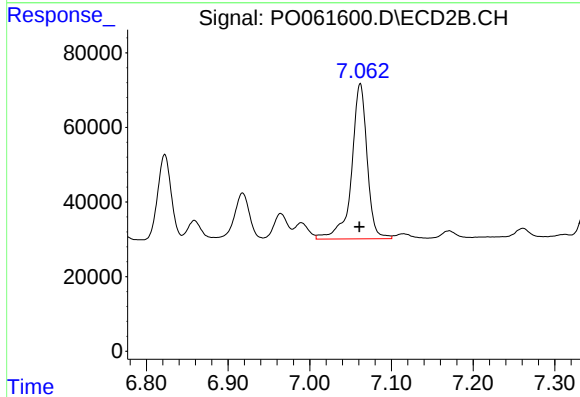
R.T.: 6.620 min
Delta R.T.: 0.001 min
Response: 144926
Conc: 118.73 ng/ml



#37 AR-1262-2

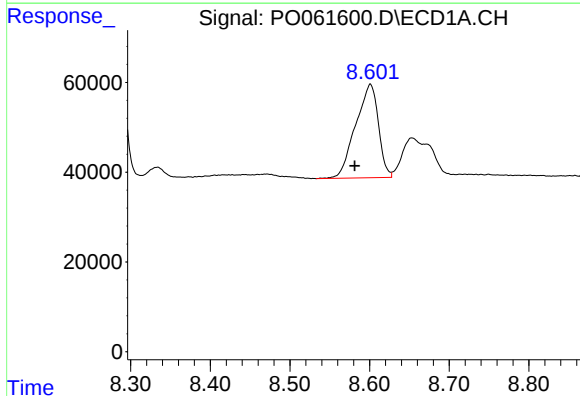
R.T.: 8.282 min
Delta R.T.: 0.003 min
Response: 659756
Conc: 106.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



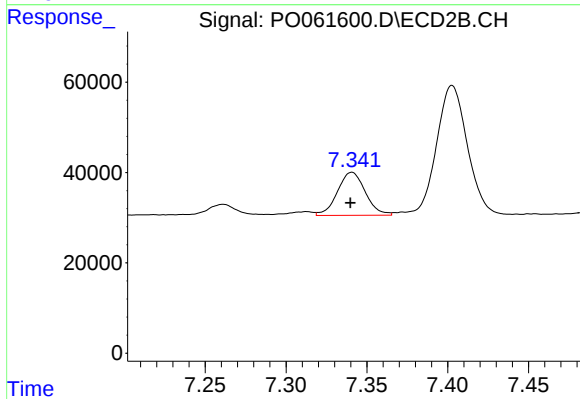
#37 AR-1262-2

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 549815
Conc: 119.58 ng/ml



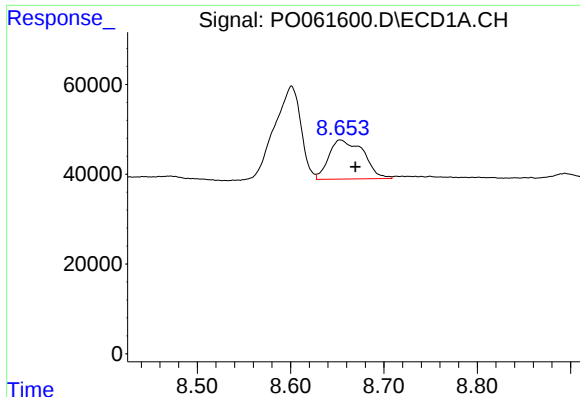
#38 AR-1262-3

R.T.: 8.601 min
Delta R.T.: 0.020 min
Response: 413916
Conc: 99.59 ng/ml



#38 AR-1262-3

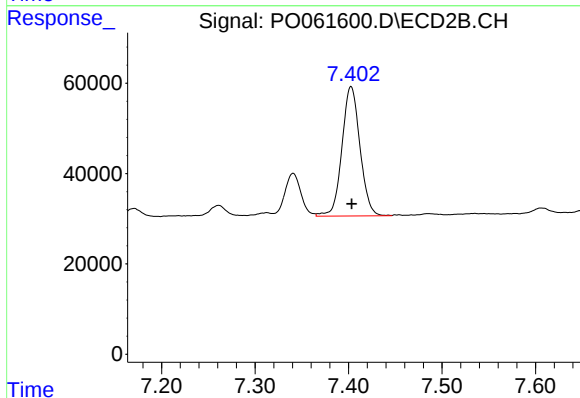
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 114375
Conc: 60.71 ng/ml



#39 AR-1262-4

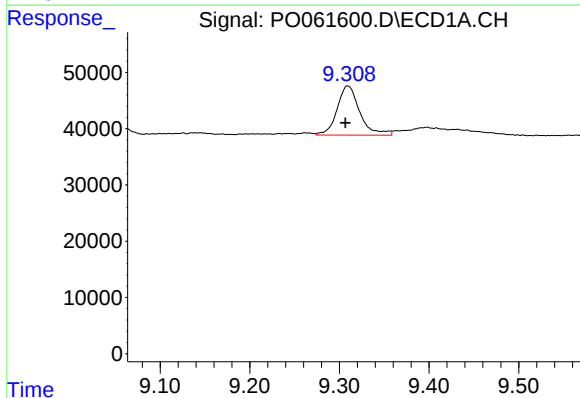
R.T.: 8.653 min
Delta R.T.: -0.016 min
Response: 225391
Conc: 71.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



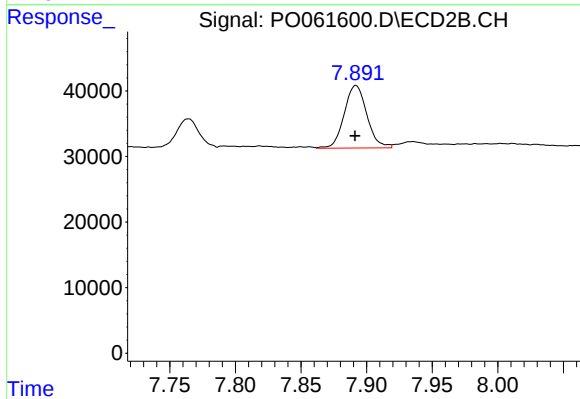
#39 AR-1262-4

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 383622
Conc: 114.15 ng/ml



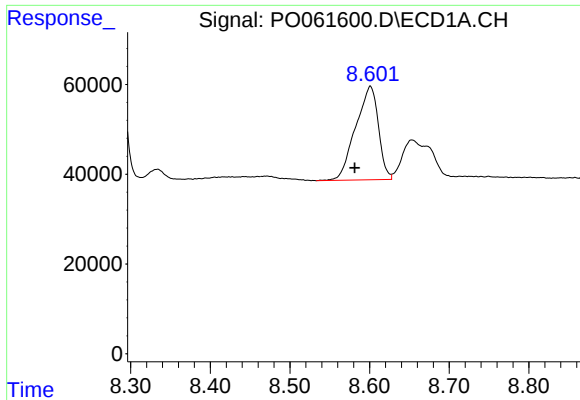
#40 AR-1262-5

R.T.: 9.309 min
Delta R.T.: 0.003 min
Response: 153510
Conc: 75.49 ng/ml



#40 AR-1262-5

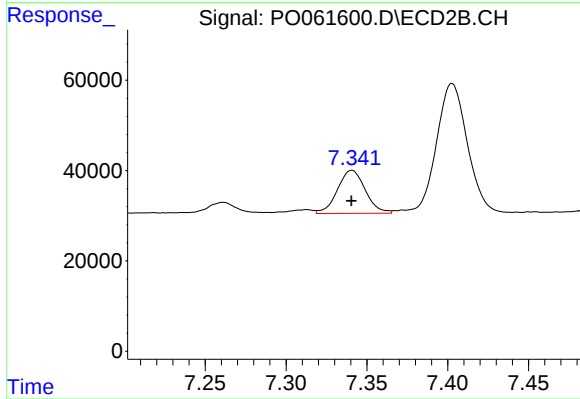
R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 114956
Conc: 75.83 ng/ml



#41 AR-1268-1

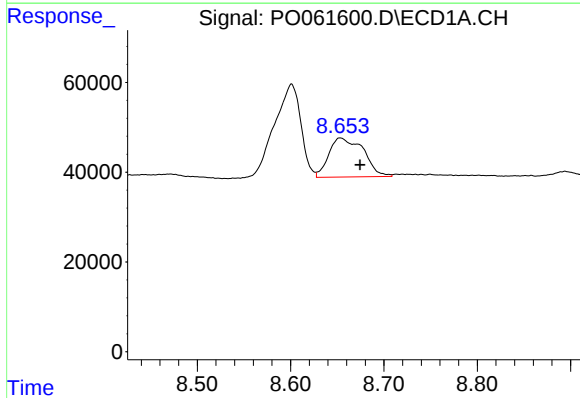
R.T.: 8.601 min
Delta R.T.: 0.020 min
Response: 413916
Conc: 61.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



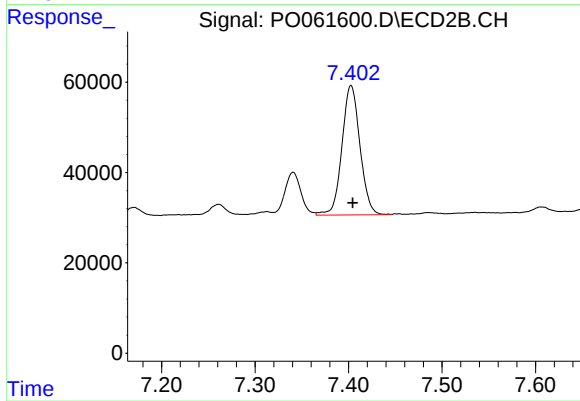
#41 AR-1268-1

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 114375
Conc: 23.68 ng/ml



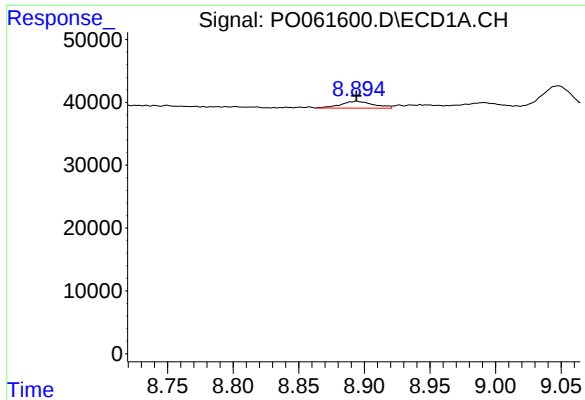
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.021 min
Response: 225391
Conc: 36.40 ng/ml



#42 AR-1268-2

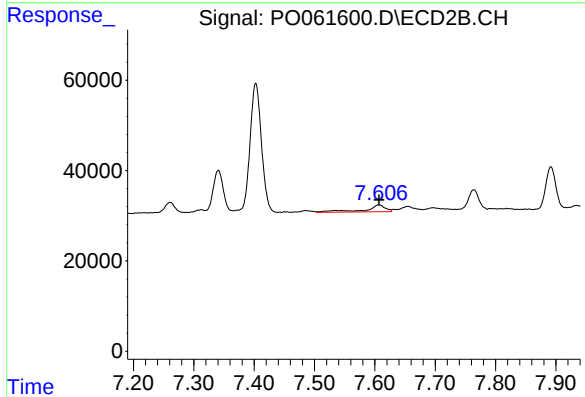
R.T.: 7.403 min
Delta R.T.: -0.002 min
Response: 383622
Conc: 89.01 ng/ml



#43 AR-1268-3

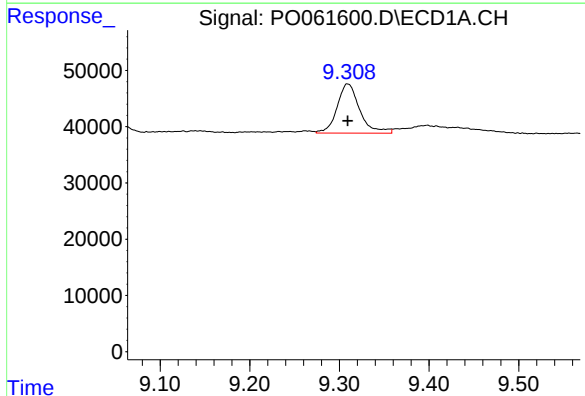
R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 19215
Conc: 3.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



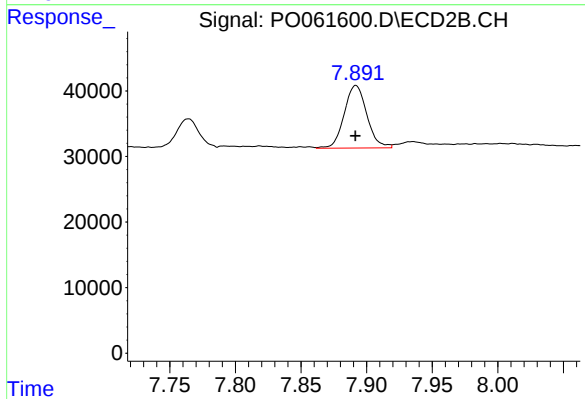
#43 AR-1268-3

R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 35001
Conc: 9.77 ng/ml



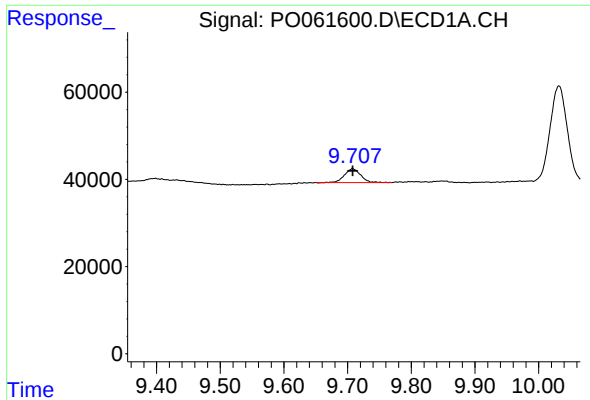
#44 AR-1268-4

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 153510
Conc: 70.21 ng/ml



#44 AR-1268-4

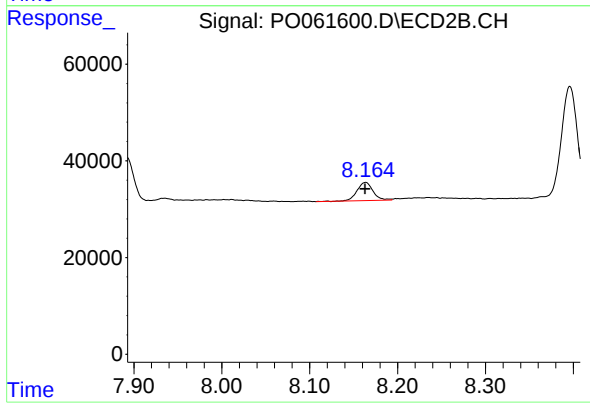
R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 114956
Conc: 71.43 ng/ml



#45 AR-1268-5

R.T.: 9.708 min
Delta R.T.: 0.000 min
Response: 56369
Conc: 3.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 47224
Conc: 4.70 ng/ml