

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0093019\
 Data File : P0061480.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Sep 2019 19:45
 Operator : HP/AJ
 Sample : K5054-01RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:20:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.368	3.529	1534244	1083530	41.702	38.805
2)	SA Decachlor...	10.024	8.394	1302807	934915	28.355	26.672
Target Compounds							
3)	L1 AR-1016-1	5.532	4.593	68364	140145	42.777	113.363 #
4)	L1 AR-1016-2	5.532	4.593	68364	140145	29.862	82.374 #
5)	L1 AR-1016-3	5.591	4.757	326069	248603	227.133	256.432
6)	L1 AR-1016-4	5.711	4.819	25510	79991	21.627	97.726 #
7)	L1 AR-1016-5	6.025	5.011	15904	75258	12.687	71.854 #
8)	L2 AR-1221-1	4.587	3.715	15289	81233	34.833	229.485 #
9)	L2 AR-1221-2	4.638	3.820	354181	48261	1036.955	171.725 #
10)	L2 AR-1221-3	4.754	3.917	1215043	320864	1147.124	386.551 #
11)	L3 AR-1232-1	4.754	3.917	1215043	320864	1041.371	352.077 #
12)	L3 AR-1232-2	5.278	4.593	266854	140145	411.564	138.803 #
13)	L3 AR-1232-3	5.532	4.757	68364	248603	51.043	442.984 #
14)	L3 AR-1232-4	5.711	4.870	25510	174992	37.125	335.093 #
15)	L3 AR-1232-5	5.784	5.011	35383	75258	64.616	132.980 #
16)	L4 AR-1242-1	5.532	4.593	68364	140145	57.284	153.940 #
17)	L4 AR-1242-2	5.532	4.593	68364	140145	40.000	111.949 #
18)	L4 AR-1242-3	5.591	4.757	326069	248603	301.112	347.912
19)	L4 AR-1242-4	5.711	4.870	25510	174992	28.897	240.295 #
20)	L4 AR-1242-5	6.434	5.340	172055	82651	153.527	83.494 #
21)	L5 AR-1248-1	5.532	4.593	68364	140145	74.260	197.588 #
22)	L5 AR-1248-2	5.784	4.819	35383	79991	26.460	82.790 #
23)	L5 AR-1248-3	6.025	4.870	15904	174992	10.508	173.754 #
24)	L5 AR-1248-4	6.403	5.011	48075	75258	26.387	62.667 #
25)	L5 AR-1248-5	6.434	5.396	172055	529740	98.341	419.047 #
26)	L6 AR-1254-1	6.381	5.340	120030	82651	62.300	40.104 #
27)	L6 AR-1254-2	6.587	5.529	351950	152001	111.839	80.551 #
28)	L6 AR-1254-3	6.974	5.926	338368	162940	96.073	51.247 #
29)	L6 AR-1254-4	7.247	6.134	490854	158346	181.324	76.056 #
30)	L6 AR-1254-5	7.670	6.520	60444	130636	20.498	41.276 #
31)	L7 AR-1260-1	7.118	6.058	57575	508591	23.648	241.795 #
32)	L7 AR-1260-2	7.373	6.223	187058	63571	61.871	24.645 #
33)	L7 AR-1260-3	7.721	6.383	66298	186461	27.781	77.432 #
34)	L7 AR-1260-4	7.981	6.833	420904	126616	150.447	59.160 #
35)	L7 AR-1260-5	8.271	7.087	132245	293217	24.286	60.676 #
36)	L8 AR-1262-1	7.766	6.563	205580	80027	58.200	26.793 #
37)	L8 AR-1262-2	8.271	7.087	132245	293217	21.212	56.394 #
38)	L8 AR-1262-3	8.558	7.358	387531	56614	90.951	26.674 #
39)	L8 AR-1262-4	8.677	7.394	284858	128080	87.369	33.533 #
40)	L8 AR-1262-5	9.258	7.878	10401	57058	5.115	34.089 #
41)	L9 AR-1268-1	8.558	7.358	387531	56614	52.508	9.658 #

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

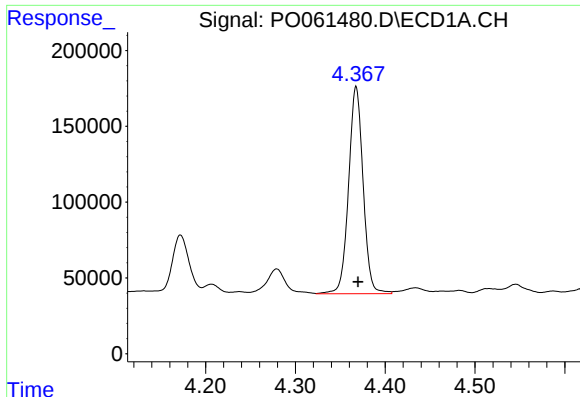
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:20:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
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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
42) L9	AR-1268-2	8.677	7.394	284858	128080	42.170	24.030 #
43) L9	AR-1268-3	8.897	7.621	48656	35206	8.664	7.942
44) L9	AR-1268-4	9.258	7.878	10401	57058	4.509	29.860 #
45) L9	AR-1268-5	9.703	8.162	46408	19277	2.926	1.602 #

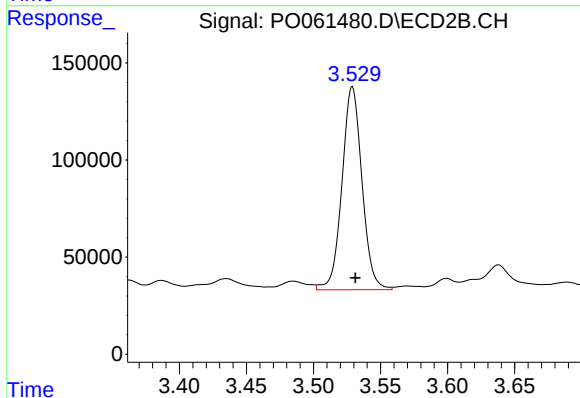
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

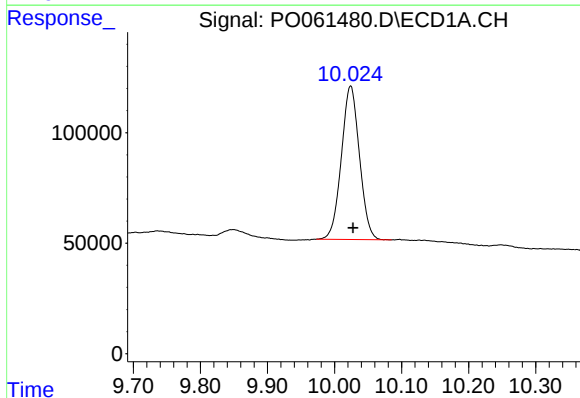
R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 1534244
Conc: 41.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



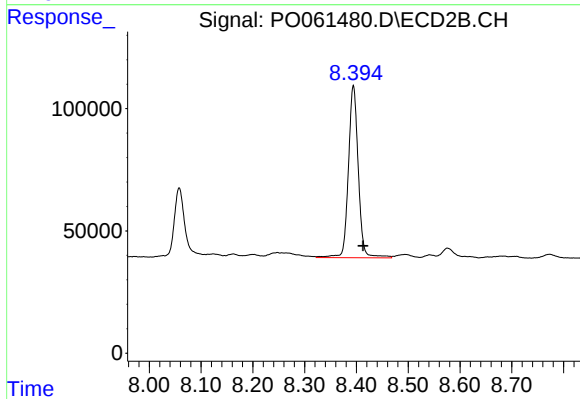
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 1083530
Conc: 38.81 ng/ml



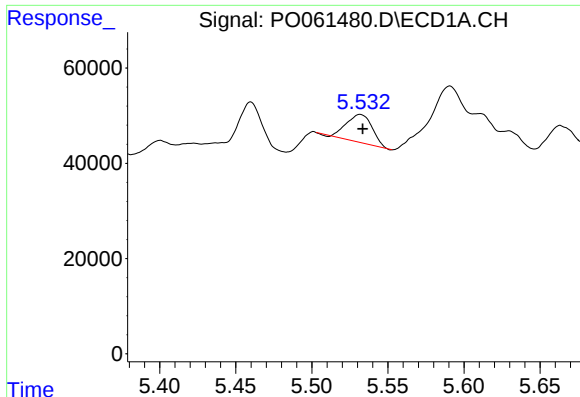
#2 Decachlorobiphenyl

R.T.: 10.024 min
Delta R.T.: -0.004 min
Response: 1302807
Conc: 28.36 ng/ml



#2 Decachlorobiphenyl

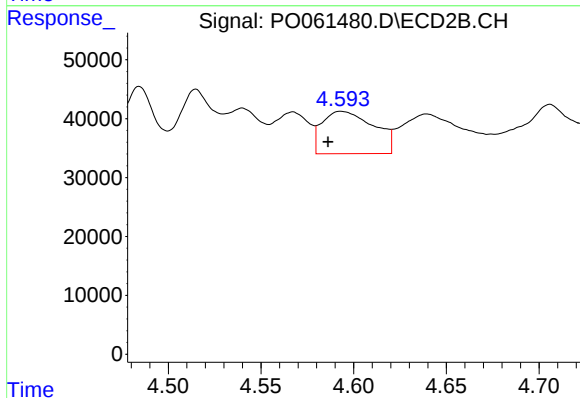
R.T.: 8.394 min
Delta R.T.: -0.019 min
Response: 934915
Conc: 26.67 ng/ml



#3 AR-1016-1

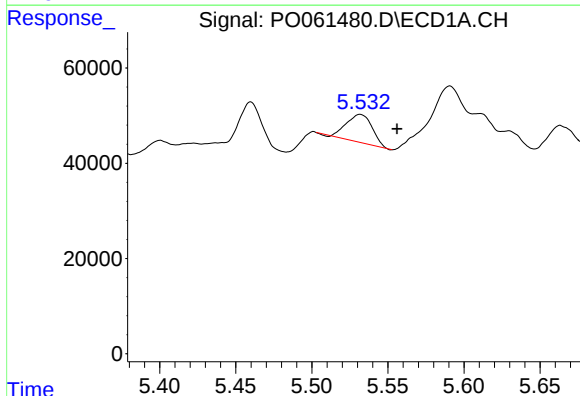
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 68364
Conc: 42.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



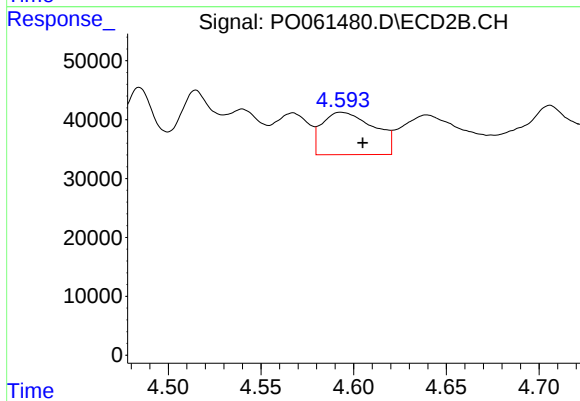
#3 AR-1016-1

R.T.: 4.593 min
Delta R.T.: 0.007 min
Response: 140145
Conc: 113.36 ng/ml



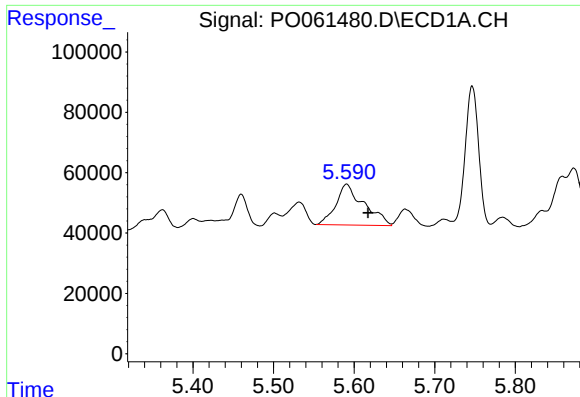
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: -0.024 min
Response: 68364
Conc: 29.86 ng/ml



#4 AR-1016-2

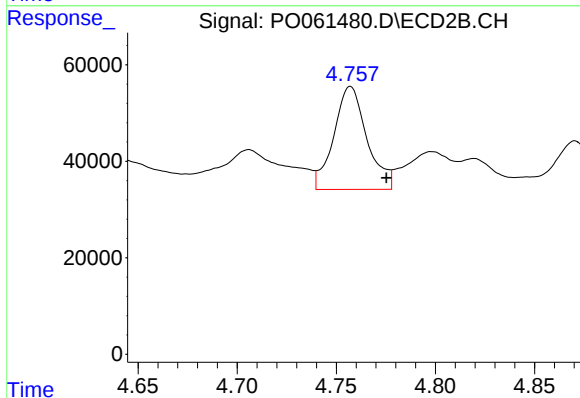
R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 140145
Conc: 82.37 ng/ml



#5 AR-1016-3

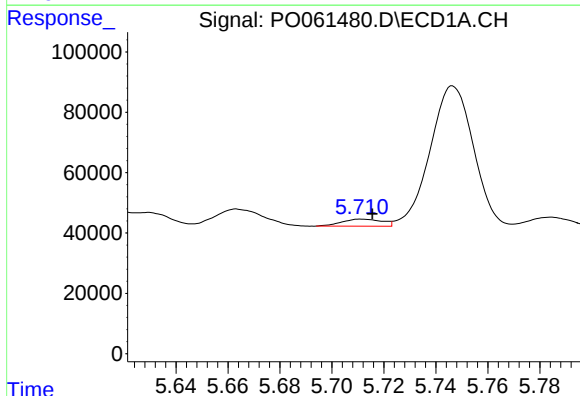
R.T.: 5.591 min
Delta R.T.: -0.027 min
Response: 326069
Conc: 227.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



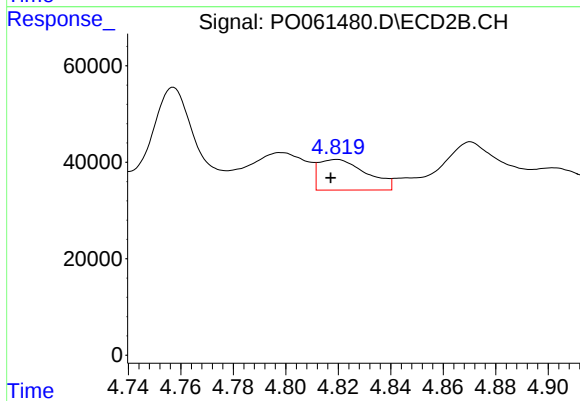
#5 AR-1016-3

R.T.: 4.757 min
Delta R.T.: -0.018 min
Response: 248603
Conc: 256.43 ng/ml



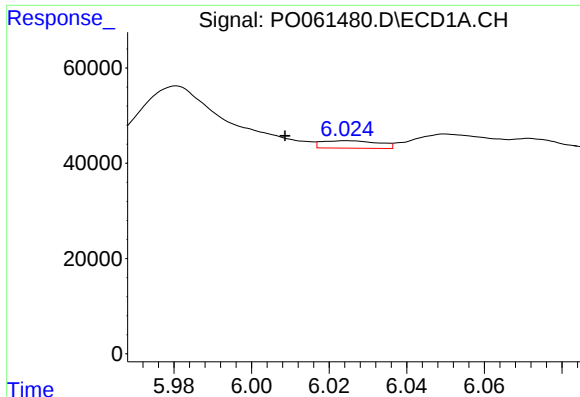
#6 AR-1016-4

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 25510
Conc: 21.63 ng/ml



#6 AR-1016-4

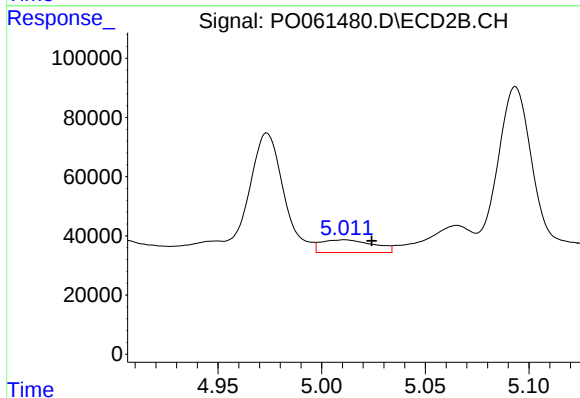
R.T.: 4.819 min
Delta R.T.: 0.002 min
Response: 79991
Conc: 97.73 ng/ml



#7 AR-1016-5

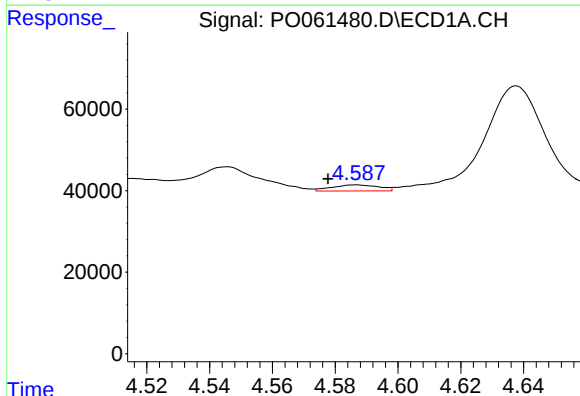
R.T.: 6.025 min
Delta R.T.: 0.016 min
Response: 15904
Conc: 12.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



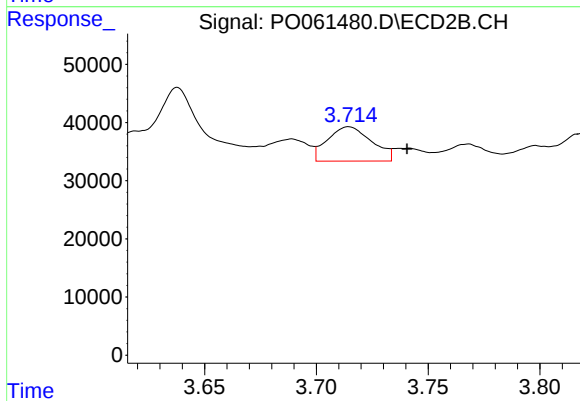
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 75258
Conc: 71.85 ng/ml



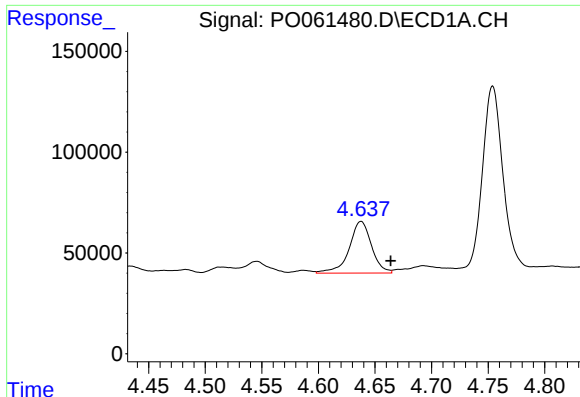
#8 AR-1221-1

R.T.: 4.587 min
Delta R.T.: 0.009 min
Response: 15289
Conc: 34.83 ng/ml



#8 AR-1221-1

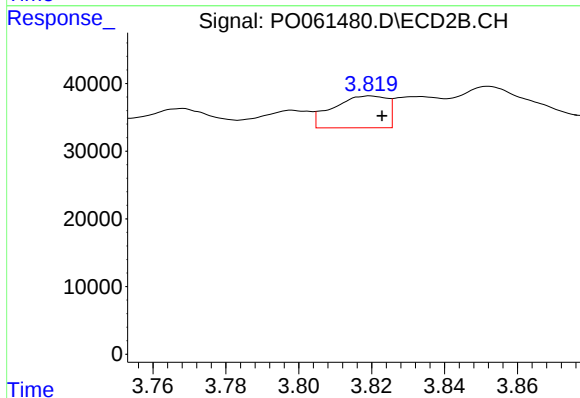
R.T.: 3.715 min
Delta R.T.: -0.026 min
Response: 81233
Conc: 229.49 ng/ml



#9 AR-1221-2

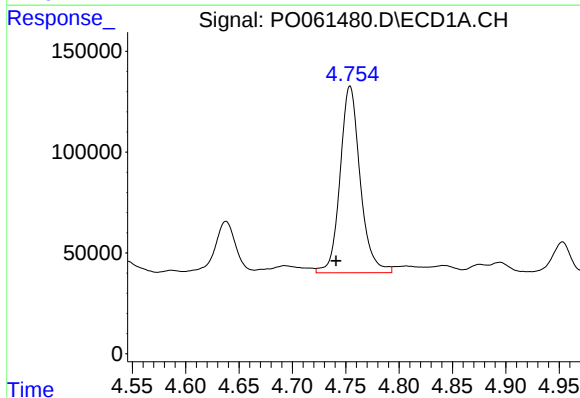
R.T.: 4.638 min
Delta R.T.: -0.026 min
Response: 354181
Conc: 1036.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



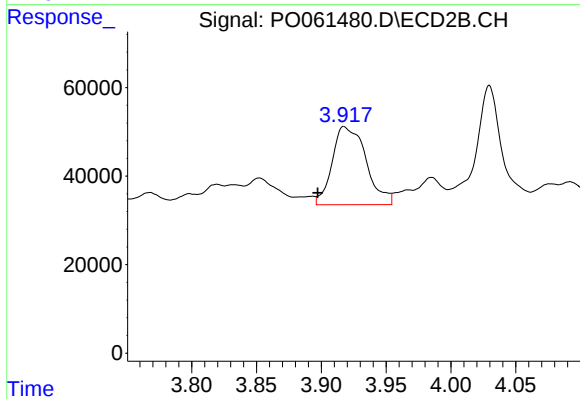
#9 AR-1221-2

R.T.: 3.820 min
Delta R.T.: -0.003 min
Response: 48261
Conc: 171.72 ng/ml



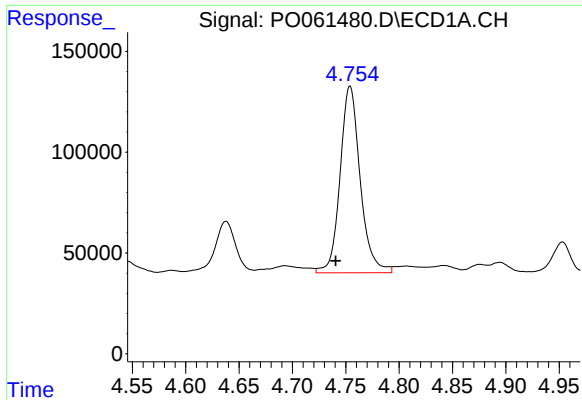
#10 AR-1221-3

R.T.: 4.754 min
Delta R.T.: 0.013 min
Response: 1215043
Conc: 1147.12 ng/ml



#10 AR-1221-3

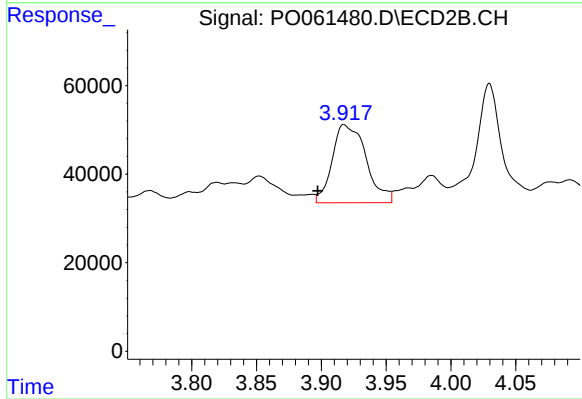
R.T.: 3.917 min
Delta R.T.: 0.020 min
Response: 320864
Conc: 386.55 ng/ml



#11 AR-1232-1

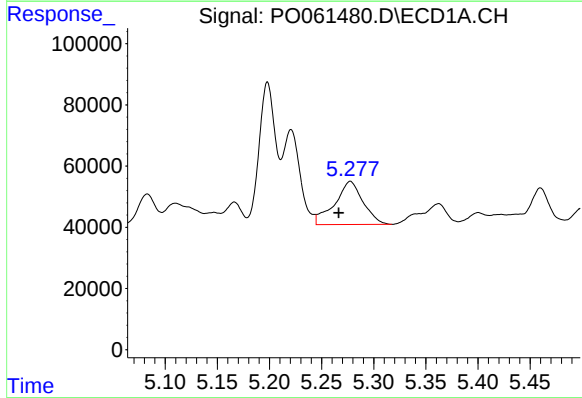
R.T.: 4.754 min
Delta R.T.: 0.013 min
Response: 1215043
Conc: 1041.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



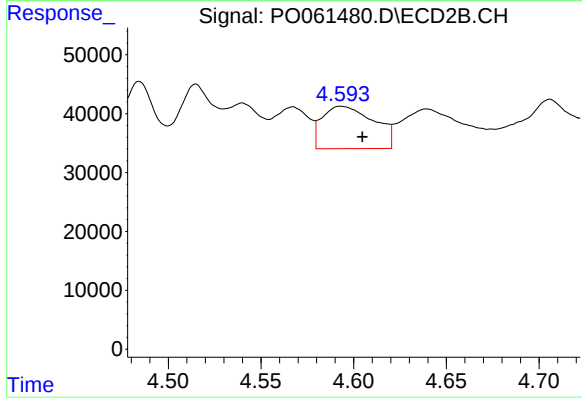
#11 AR-1232-1

R.T.: 3.917 min
Delta R.T.: 0.020 min
Response: 320864
Conc: 352.08 ng/ml



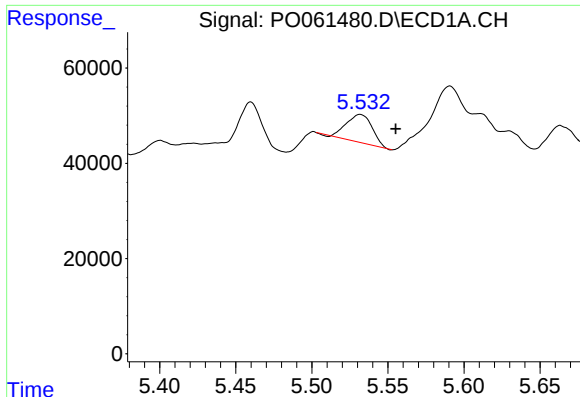
#12 AR-1232-2

R.T.: 5.278 min
Delta R.T.: 0.011 min
Response: 266854
Conc: 411.56 ng/ml



#12 AR-1232-2

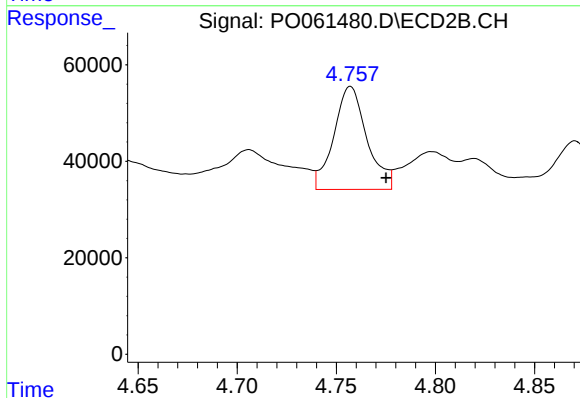
R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 140145
Conc: 138.80 ng/ml



#13 AR-1232-3

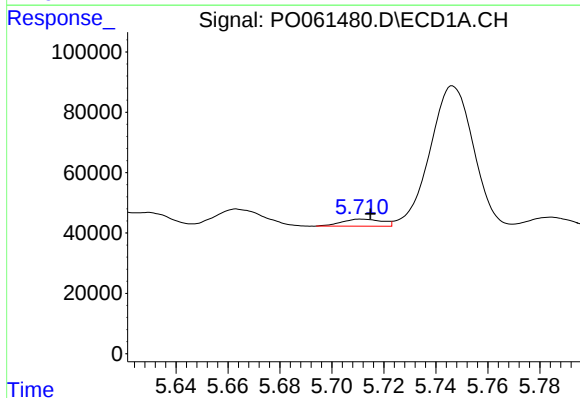
R.T.: 5.532 min
Delta R.T.: -0.023 min
Response: 68364
Conc: 51.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



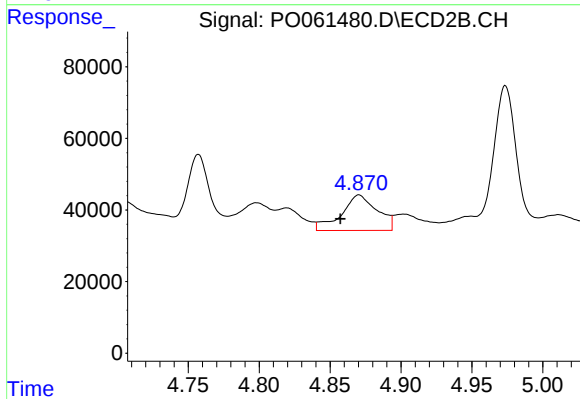
#13 AR-1232-3

R.T.: 4.757 min
Delta R.T.: -0.018 min
Response: 248603
Conc: 442.98 ng/ml



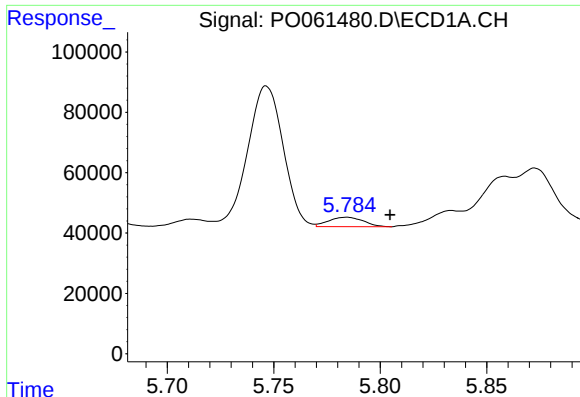
#14 AR-1232-4

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 25510
Conc: 37.13 ng/ml



#14 AR-1232-4

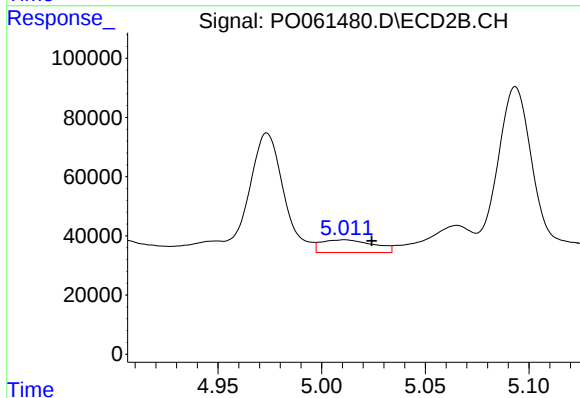
R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: 174992
Conc: 335.09 ng/ml



#15 AR-1232-5

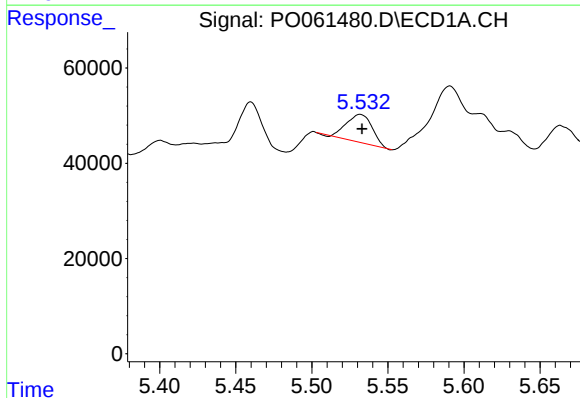
R.T.: 5.784 min
Delta R.T.: -0.020 min
Response: 35383
Conc: 64.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



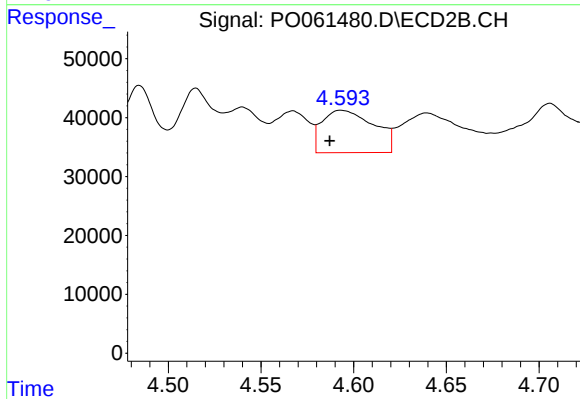
#15 AR-1232-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 75258
Conc: 132.98 ng/ml



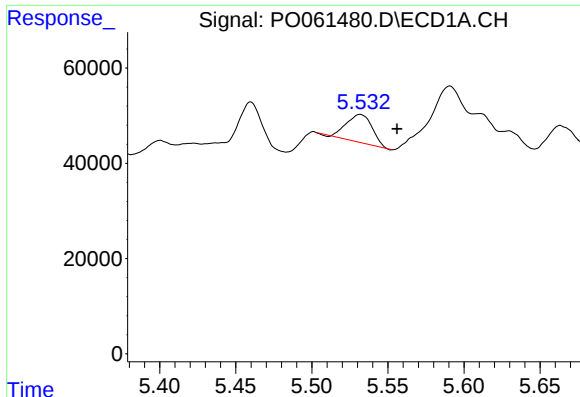
#16 AR-1242-1

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 68364
Conc: 57.28 ng/ml



#16 AR-1242-1

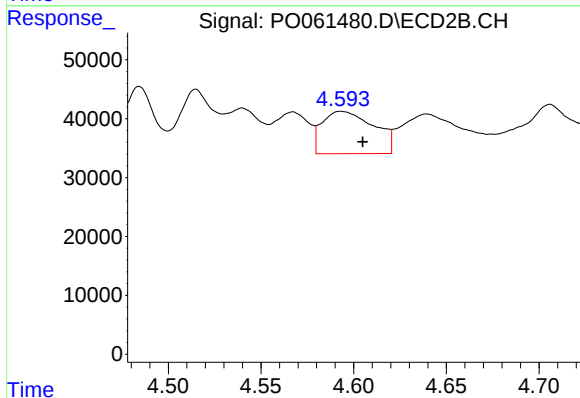
R.T.: 4.593 min
Delta R.T.: 0.006 min
Response: 140145
Conc: 153.94 ng/ml



#17 AR-1242-2

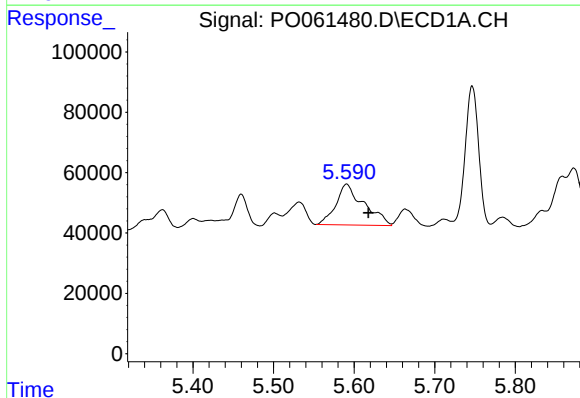
R.T.: 5.532 min
Delta R.T.: -0.024 min
Response: 68364
Conc: 40.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



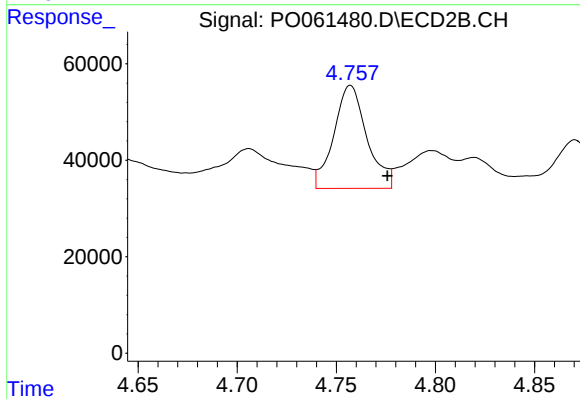
#17 AR-1242-2

R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 140145
Conc: 111.95 ng/ml



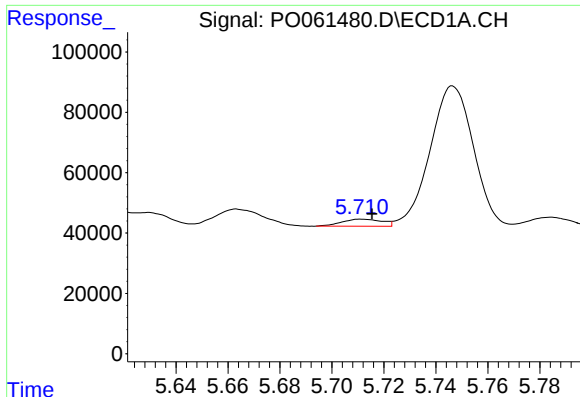
#18 AR-1242-3

R.T.: 5.591 min
Delta R.T.: -0.027 min
Response: 326069
Conc: 301.11 ng/ml



#18 AR-1242-3

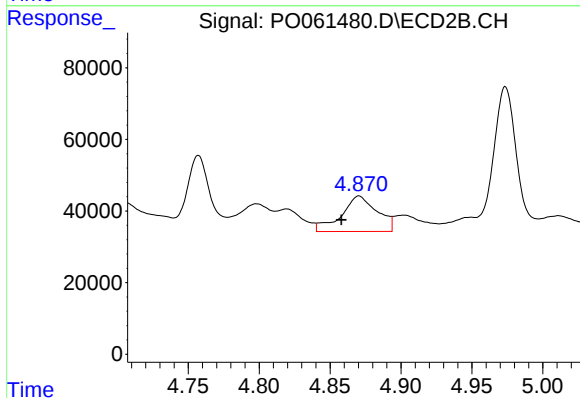
R.T.: 4.757 min
Delta R.T.: -0.019 min
Response: 248603
Conc: 347.91 ng/ml



#19 AR-1242-4

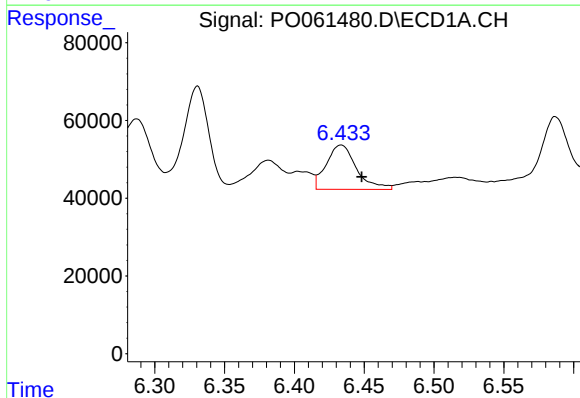
R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 25510
Conc: 28.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



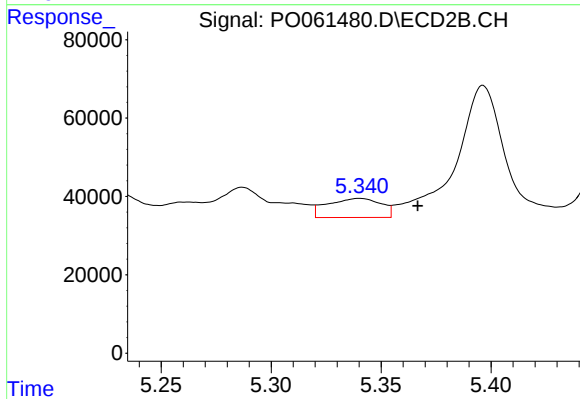
#19 AR-1242-4

R.T.: 4.870 min
Delta R.T.: 0.012 min
Response: 174992
Conc: 240.30 ng/ml



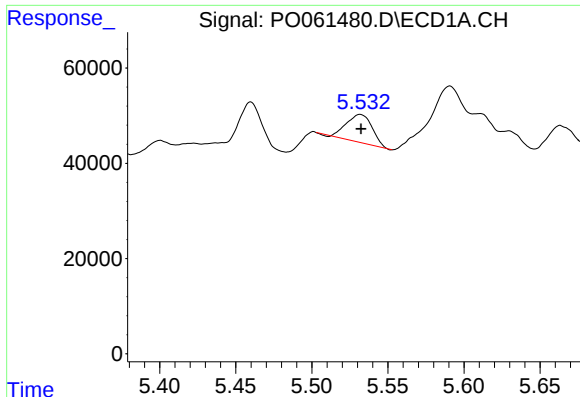
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: -0.015 min
Response: 172055
Conc: 153.53 ng/ml



#20 AR-1242-5

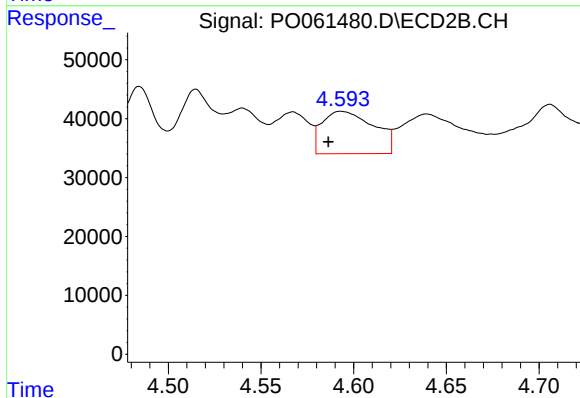
R.T.: 5.340 min
Delta R.T.: -0.026 min
Response: 82651
Conc: 83.49 ng/ml



#21 AR-1248-1

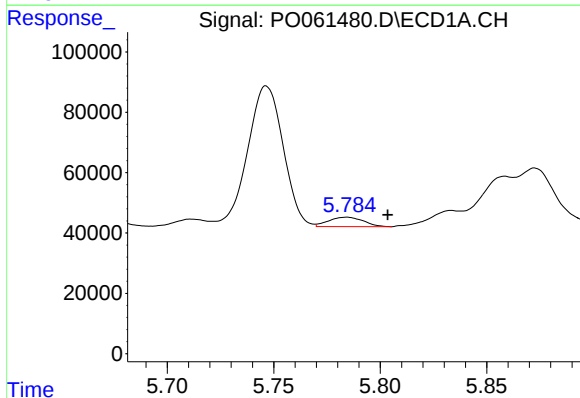
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 68364
Conc: 74.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



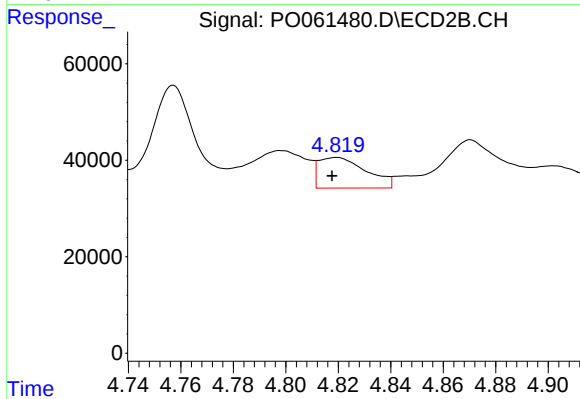
#21 AR-1248-1

R.T.: 4.593 min
Delta R.T.: 0.007 min
Response: 140145
Conc: 197.59 ng/ml



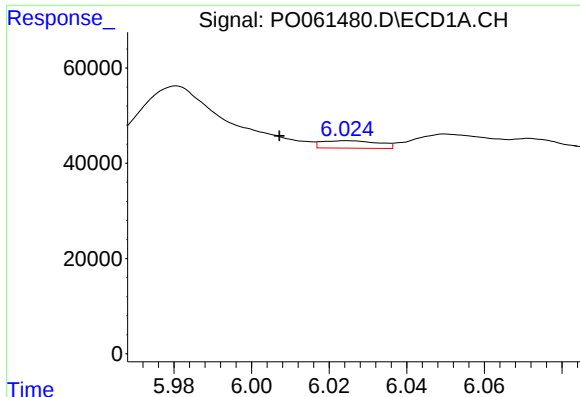
#22 AR-1248-2

R.T.: 5.784 min
Delta R.T.: -0.019 min
Response: 35383
Conc: 26.46 ng/ml



#22 AR-1248-2

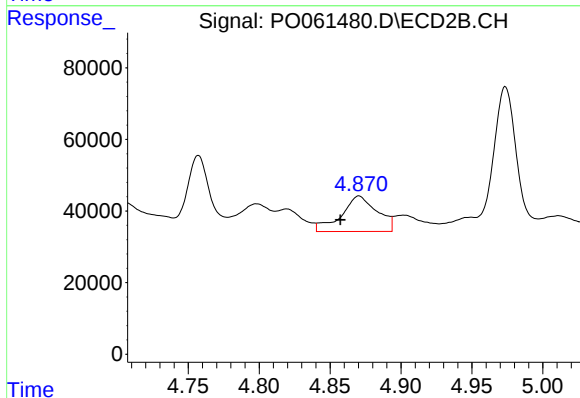
R.T.: 4.819 min
Delta R.T.: 0.002 min
Response: 79991
Conc: 82.79 ng/ml



#23 AR-1248-3

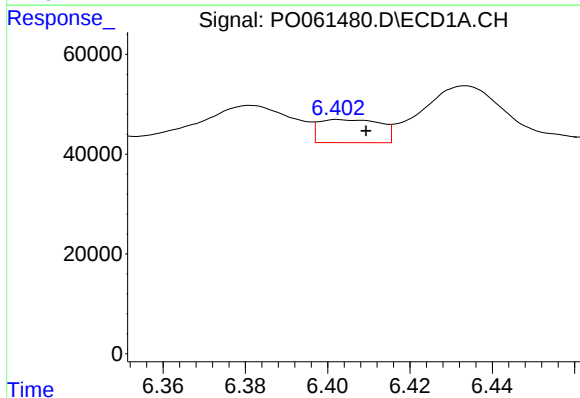
R.T.: 6.025 min
Delta R.T.: 0.018 min
Response: 15904
Conc: 10.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



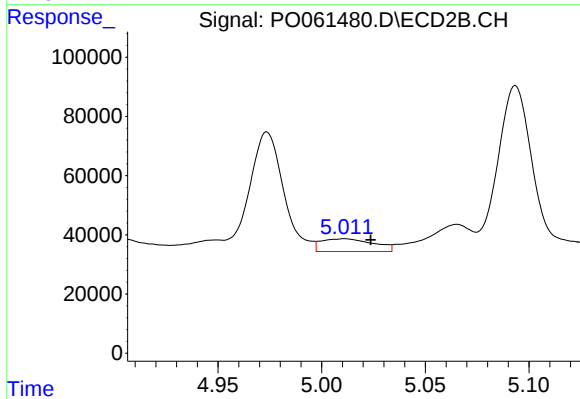
#23 AR-1248-3

R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: 174992
Conc: 173.75 ng/ml



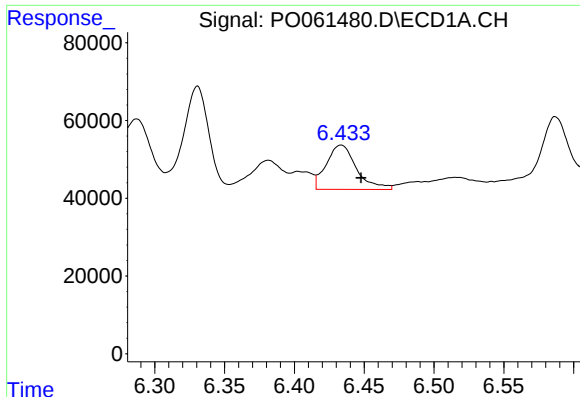
#24 AR-1248-4

R.T.: 6.403 min
Delta R.T.: -0.007 min
Response: 48075
Conc: 26.39 ng/ml



#24 AR-1248-4

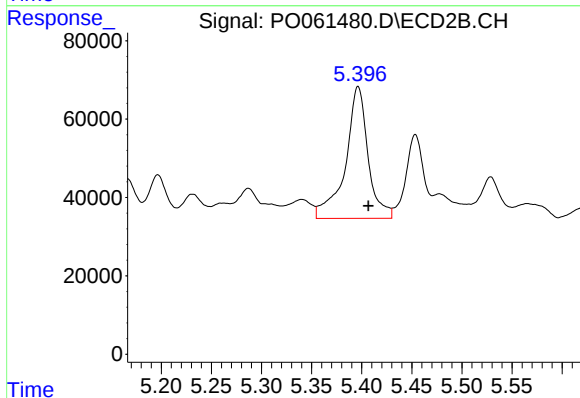
R.T.: 5.011 min
Delta R.T.: -0.012 min
Response: 75258
Conc: 62.67 ng/ml



#25 AR-1248-5

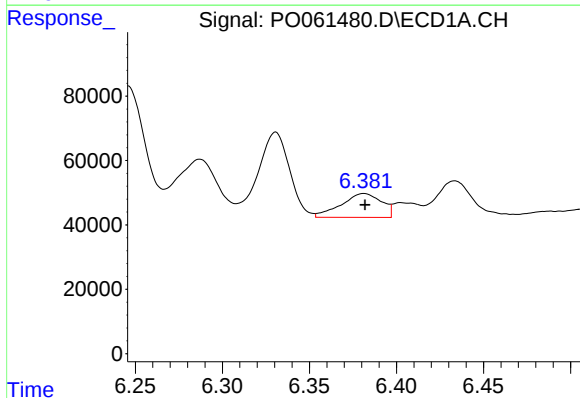
R.T.: 6.434 min
Delta R.T.: -0.014 min
Response: 172055
Conc: 98.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



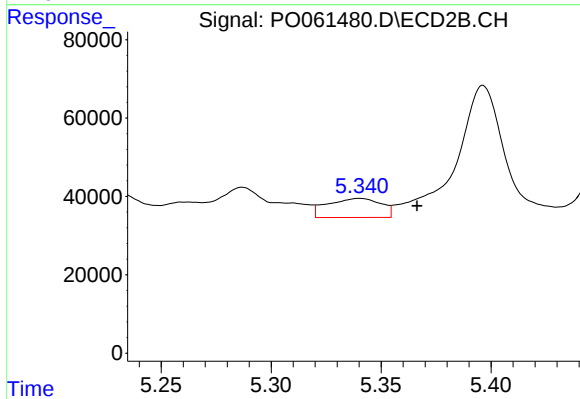
#25 AR-1248-5

R.T.: 5.396 min
Delta R.T.: -0.010 min
Response: 529740
Conc: 419.05 ng/ml



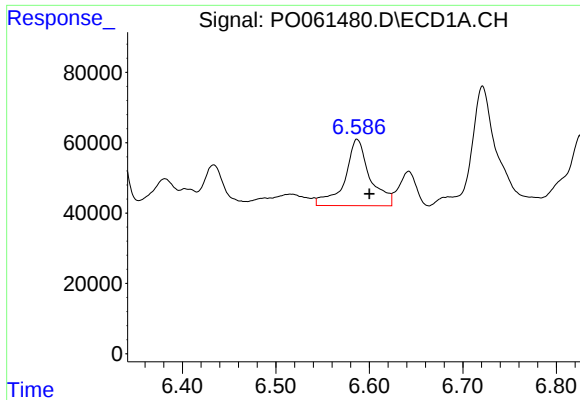
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 120030
Conc: 62.30 ng/ml



#26 AR-1254-1

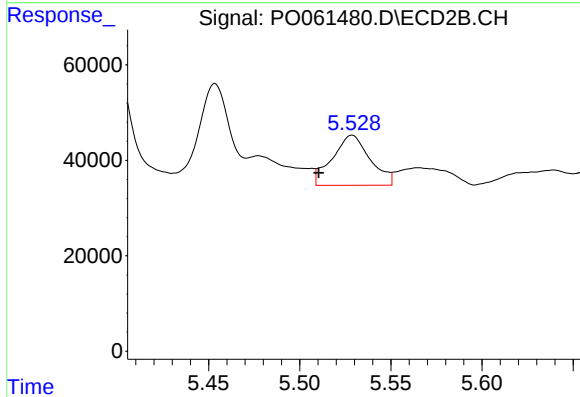
R.T.: 5.340 min
Delta R.T.: -0.026 min
Response: 82651
Conc: 40.10 ng/ml



#27 AR-1254-2

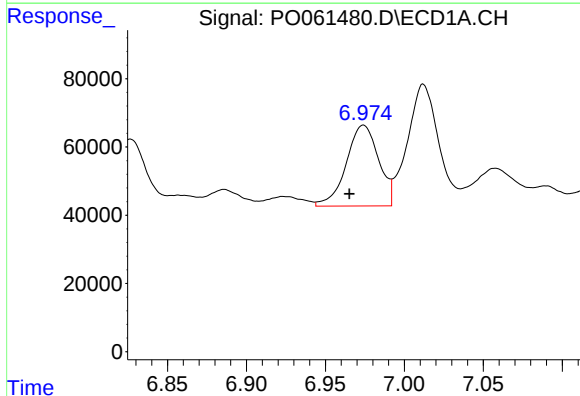
R.T.: 6.587 min
Delta R.T.: -0.013 min
Response: 351950
Conc: 111.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



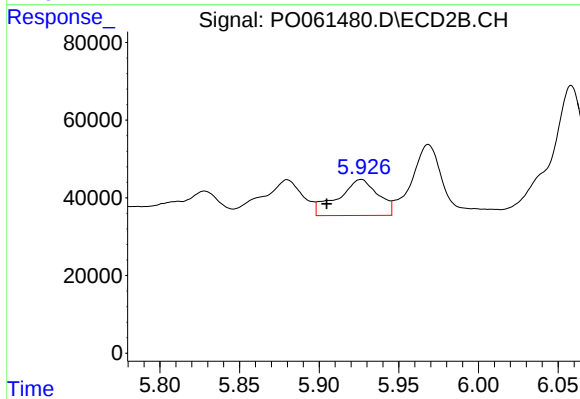
#27 AR-1254-2

R.T.: 5.529 min
Delta R.T.: 0.018 min
Response: 152001
Conc: 80.55 ng/ml



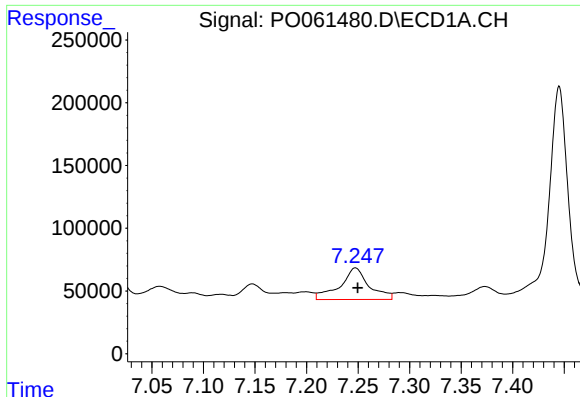
#28 AR-1254-3

R.T.: 6.974 min
Delta R.T.: 0.009 min
Response: 338368
Conc: 96.07 ng/ml



#28 AR-1254-3

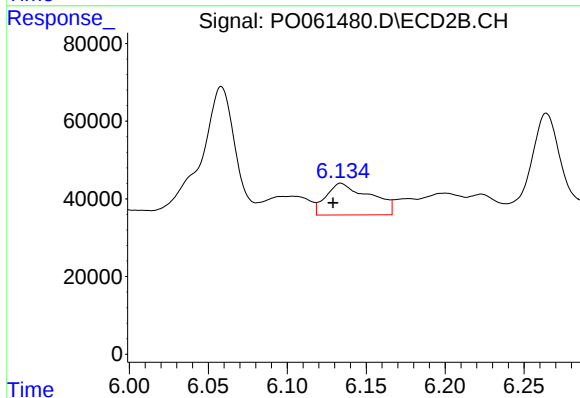
R.T.: 5.926 min
Delta R.T.: 0.022 min
Response: 162940
Conc: 51.25 ng/ml



#29 AR-1254-4

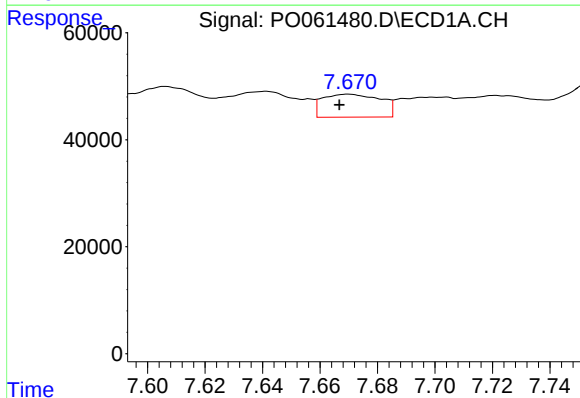
R.T.: 7.247 min
Delta R.T.: -0.002 min
Response: 490854
Conc: 181.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



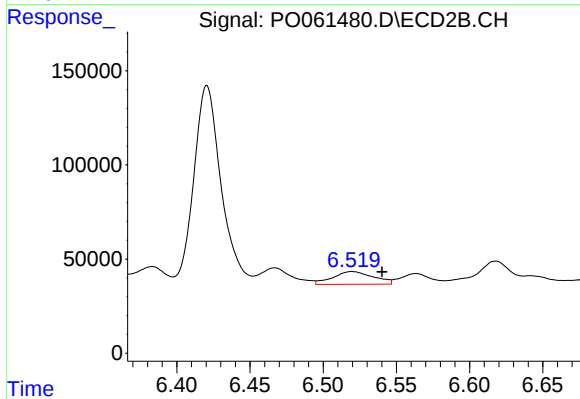
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.005 min
Response: 158346
Conc: 76.06 ng/ml



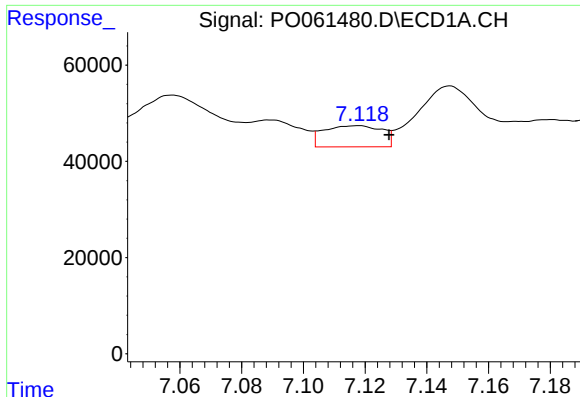
#30 AR-1254-5

R.T.: 7.670 min
Delta R.T.: 0.003 min
Response: 60444
Conc: 20.50 ng/ml



#30 AR-1254-5

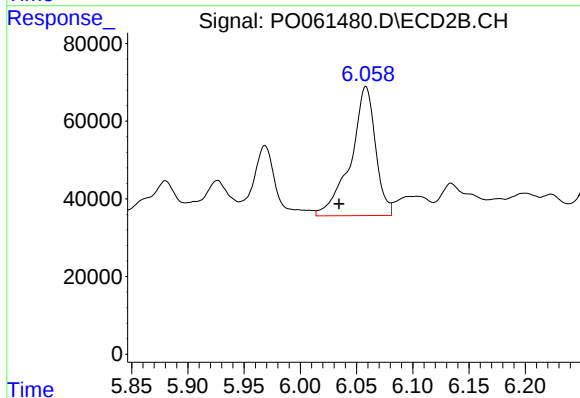
R.T.: 6.520 min
Delta R.T.: -0.020 min
Response: 130636
Conc: 41.28 ng/ml



#31 AR-1260-1

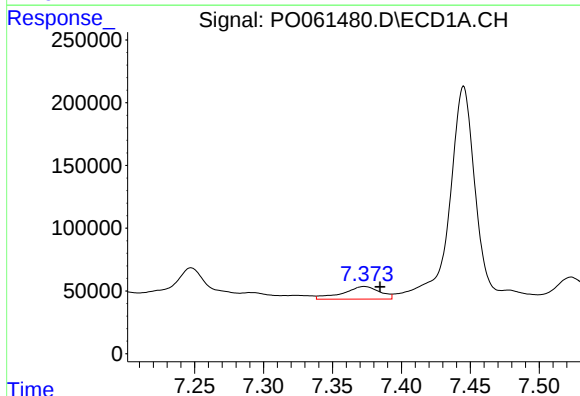
R.T.: 7.118 min
Delta R.T.: -0.010 min
Response: 57575
Conc: 23.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



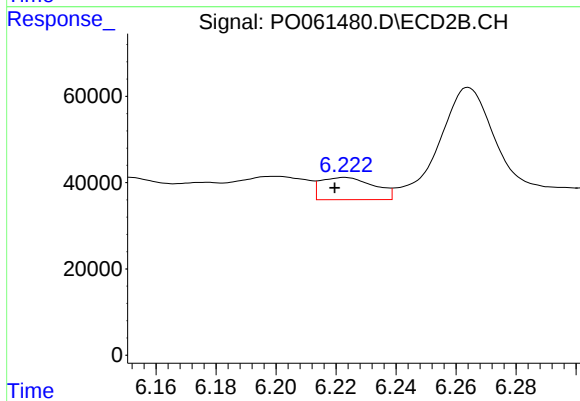
#31 AR-1260-1

R.T.: 6.058 min
Delta R.T.: 0.024 min
Response: 508591
Conc: 241.80 ng/ml



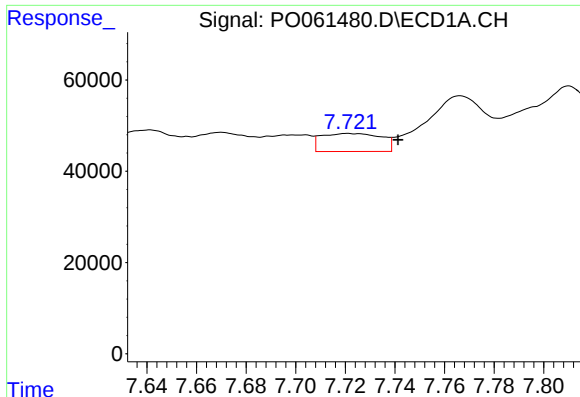
#32 AR-1260-2

R.T.: 7.373 min
Delta R.T.: -0.011 min
Response: 187058
Conc: 61.87 ng/ml



#32 AR-1260-2

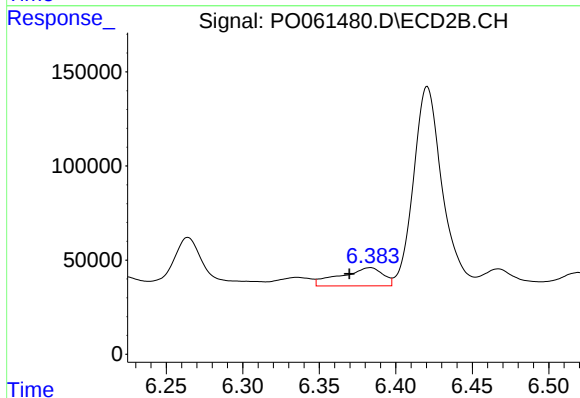
R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 63571
Conc: 24.64 ng/ml



#33 AR-1260-3

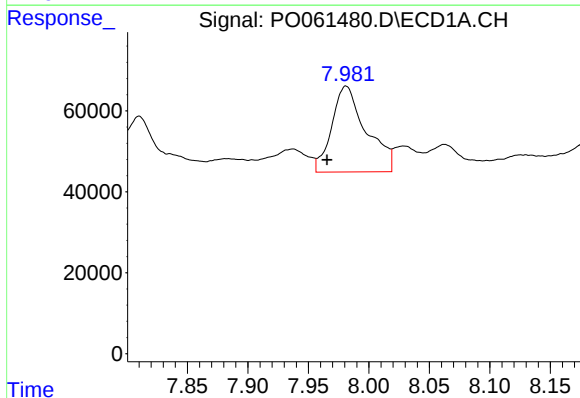
R.T.: 7.721 min
Delta R.T.: -0.020 min
Response: 66298
Conc: 27.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



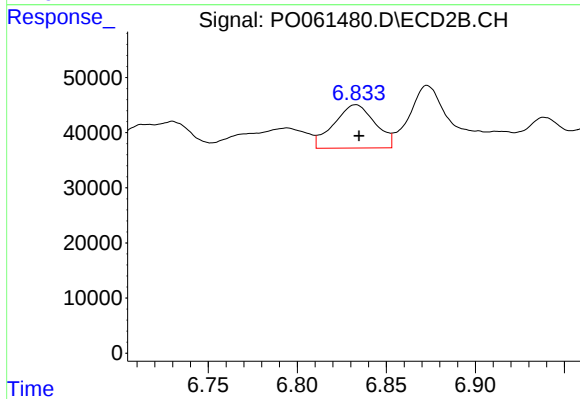
#33 AR-1260-3

R.T.: 6.383 min
Delta R.T.: 0.014 min
Response: 186461
Conc: 77.43 ng/ml



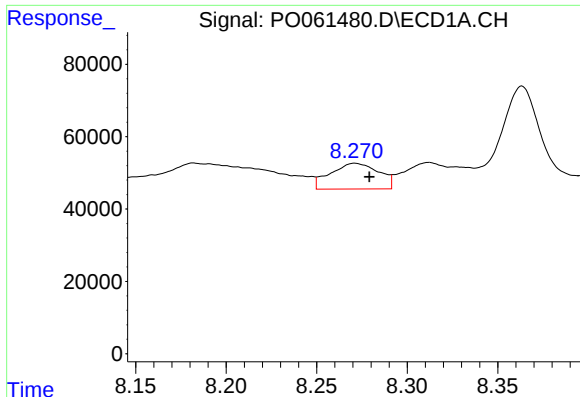
#34 AR-1260-4

R.T.: 7.981 min
Delta R.T.: 0.016 min
Response: 420904
Conc: 150.45 ng/ml



#34 AR-1260-4

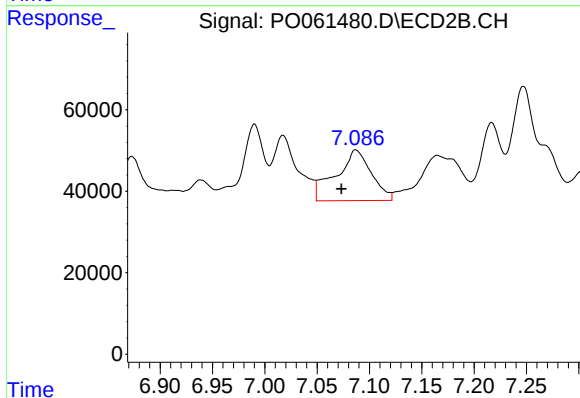
R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 126616
Conc: 59.16 ng/ml



#35 AR-1260-5

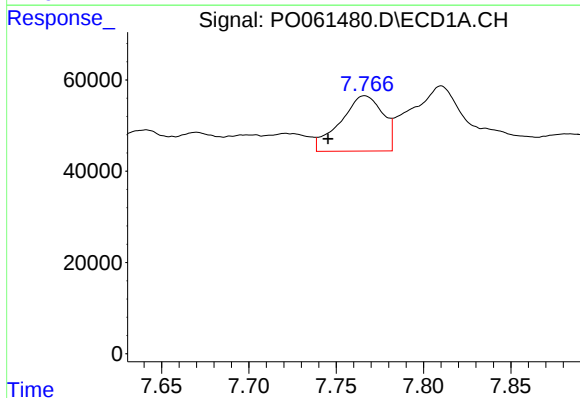
R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 132245
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



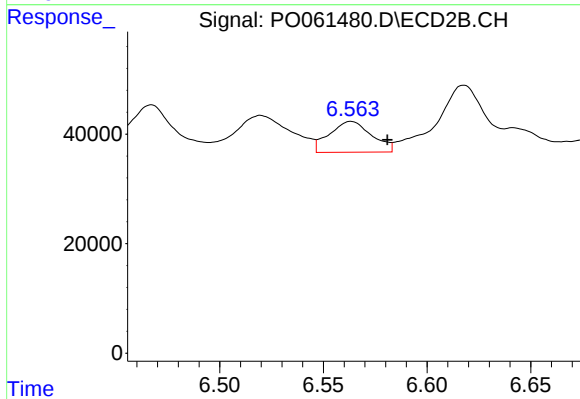
#35 AR-1260-5

R.T.: 7.087 min
Delta R.T.: 0.014 min
Response: 293217
Conc: 60.68 ng/ml



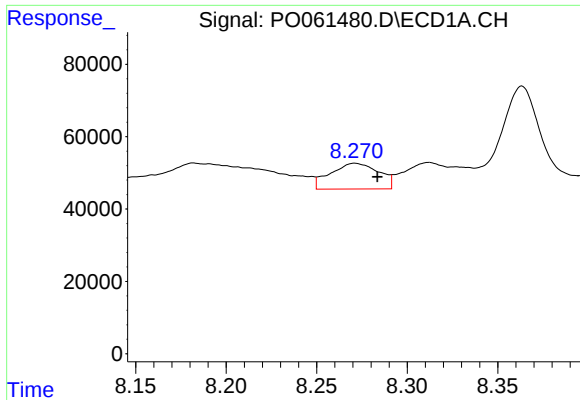
#36 AR-1262-1

R.T.: 7.766 min
Delta R.T.: 0.021 min
Response: 205580
Conc: 58.20 ng/ml



#36 AR-1262-1

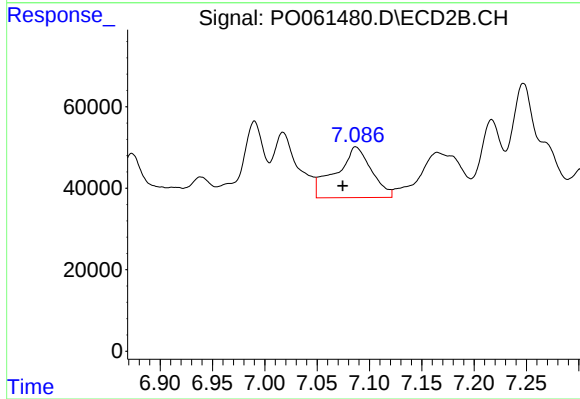
R.T.: 6.563 min
Delta R.T.: -0.017 min
Response: 80027
Conc: 26.79 ng/ml



#37 AR-1262-2

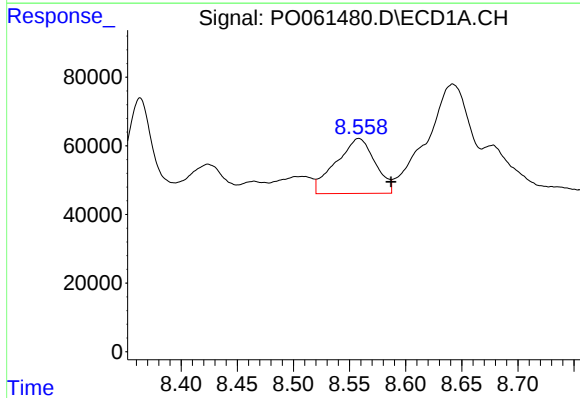
R.T.: 8.271 min
Delta R.T.: -0.012 min
Response: 132245
Conc: 21.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



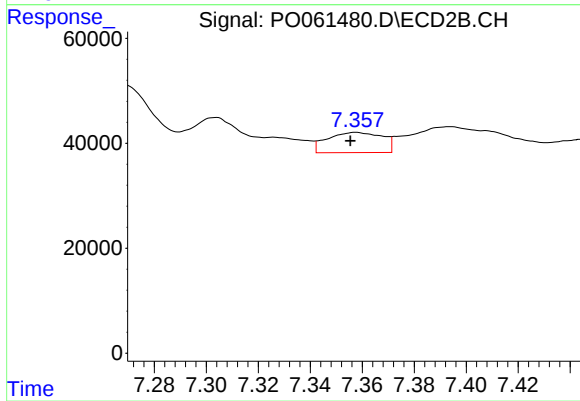
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: 0.012 min
Response: 293217
Conc: 56.39 ng/ml



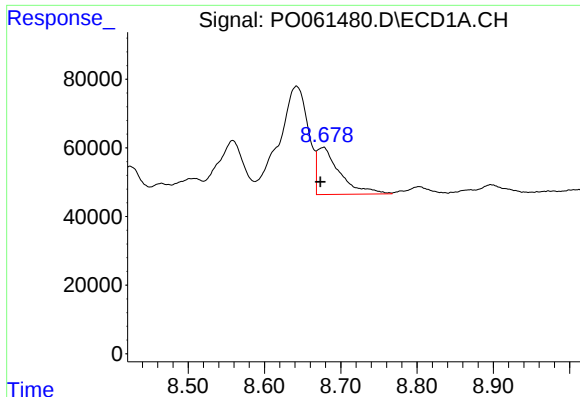
#38 AR-1262-3

R.T.: 8.558 min
Delta R.T.: -0.029 min
Response: 387531
Conc: 90.95 ng/ml



#38 AR-1262-3

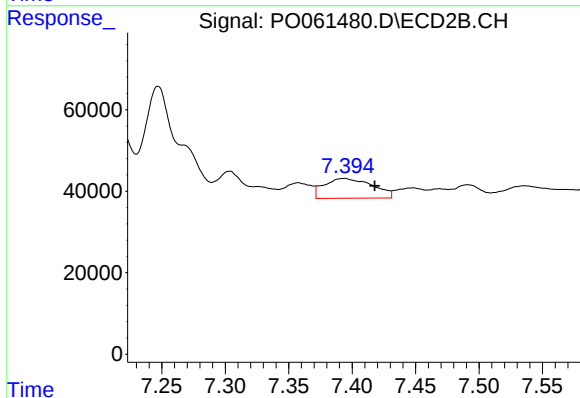
R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 56614
Conc: 26.67 ng/ml



#39 AR-1262-4

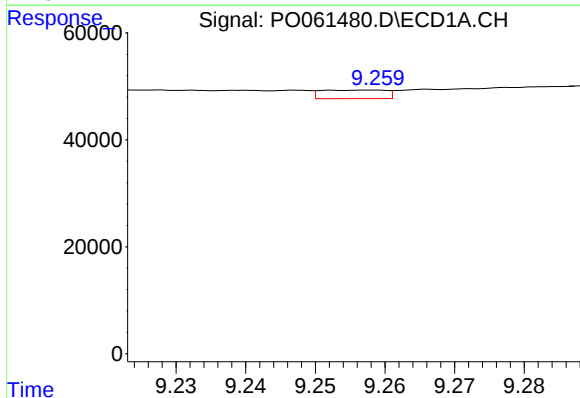
R.T.: 8.677 min
Delta R.T.: 0.004 min
Response: 284858
Conc: 87.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



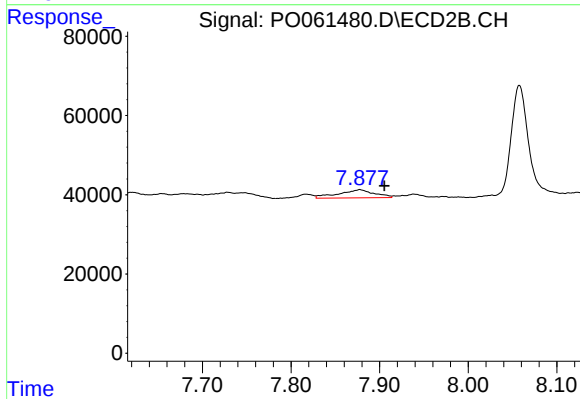
#39 AR-1262-4

R.T.: 7.394 min
Delta R.T.: -0.024 min
Response: 128080
Conc: 33.53 ng/ml



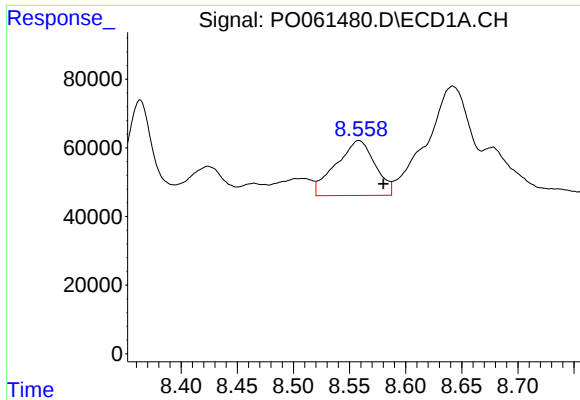
#40 AR-1262-5

R.T.: 9.258 min
Delta R.T.: -0.053 min
Response: 10401
Conc: 5.11 ng/ml



#40 AR-1262-5

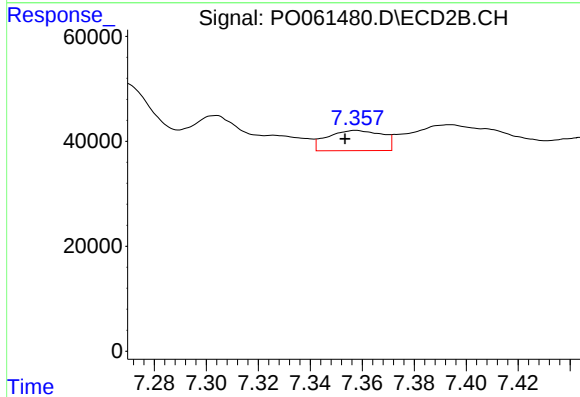
R.T.: 7.878 min
Delta R.T.: -0.028 min
Response: 57058
Conc: 34.09 ng/ml



#41 AR-1268-1

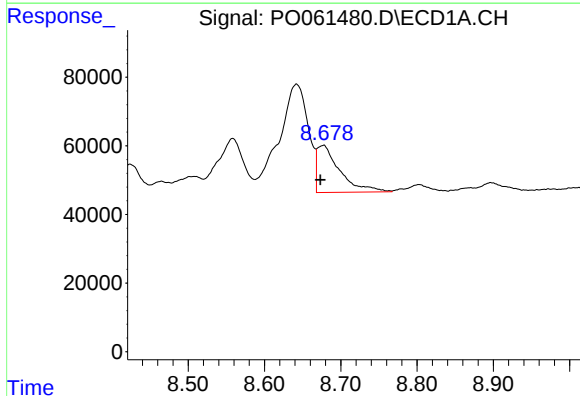
R.T.: 8.558 min
Delta R.T.: -0.022 min
Response: 387531
Conc: 52.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



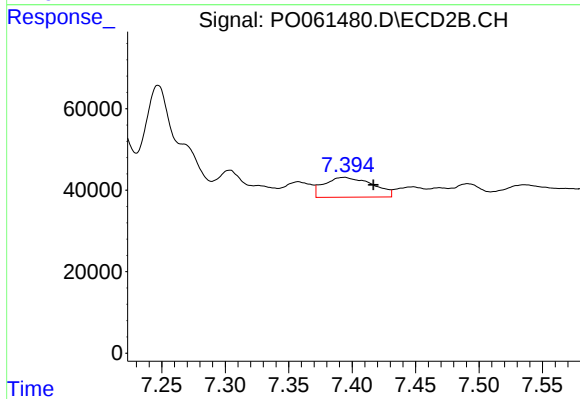
#41 AR-1268-1

R.T.: 7.358 min
Delta R.T.: 0.004 min
Response: 56614
Conc: 9.66 ng/ml



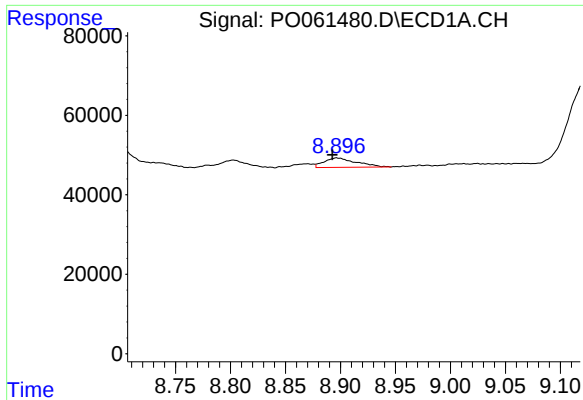
#42 AR-1268-2

R.T.: 8.677 min
Delta R.T.: 0.004 min
Response: 284858
Conc: 42.17 ng/ml



#42 AR-1268-2

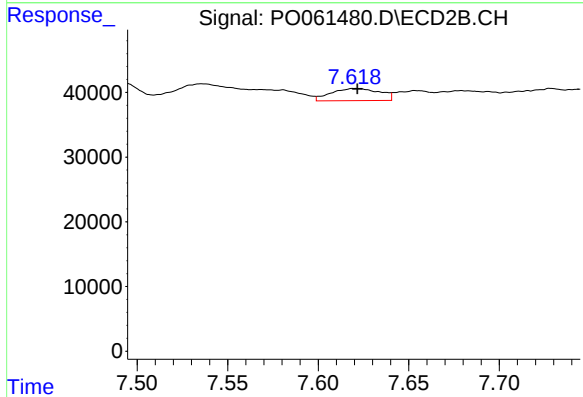
R.T.: 7.394 min
Delta R.T.: -0.023 min
Response: 128080
Conc: 24.03 ng/ml



#43 AR-1268-3

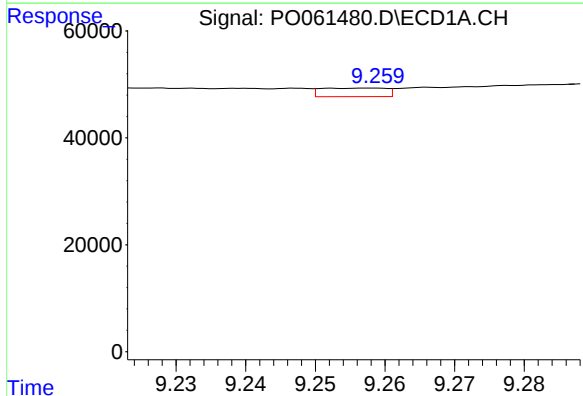
R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 48656
Conc: 8.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



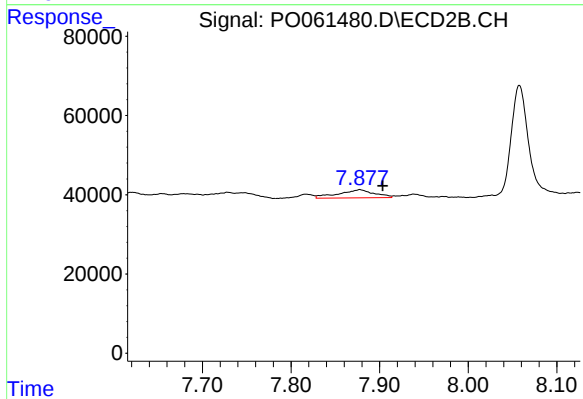
#43 AR-1268-3

R.T.: 7.621 min
Delta R.T.: -0.001 min
Response: 35206
Conc: 7.94 ng/ml



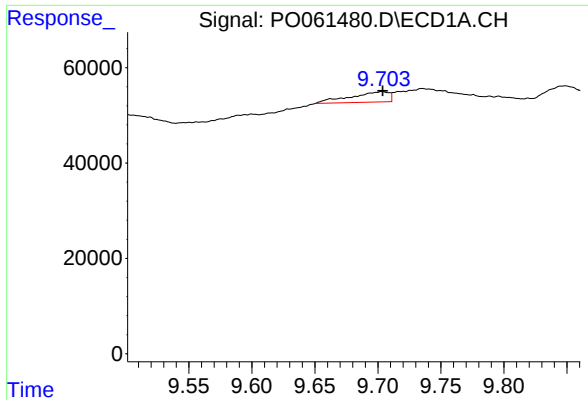
#44 AR-1268-4

R.T.: 9.258 min
Delta R.T.: -0.048 min
Response: 10401
Conc: 4.51 ng/ml



#44 AR-1268-4

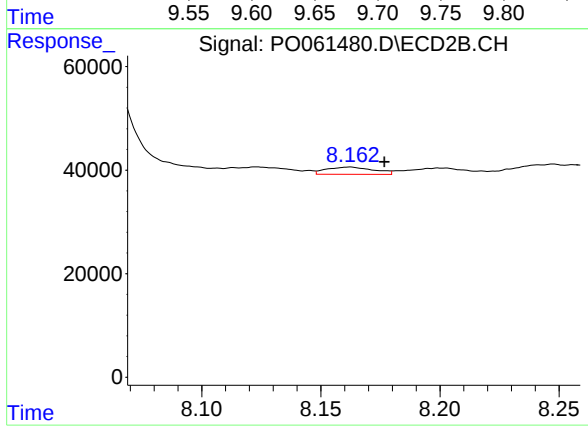
R.T.: 7.878 min
Delta R.T.: -0.026 min
Response: 57058
Conc: 29.86 ng/ml



#45 AR-1268-5

R.T.: 9.703 min
Delta R.T.: 0.000 min
Response: 46408
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.162 min
Delta R.T.: -0.014 min
Response: 19277
Conc: 1.60 ng/ml