

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060427.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 14:51
 Operator : SM/AJ
 Sample : K4695-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:07:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 16:33:49 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...	4.155	3.489	21002	945441	0.600	26.265 #
2)	SA Decachlor...	9.568	8.340	1083083	1268949	20.359	31.471 #
Target Compounds							
3)	L1 AR-1016-1	5.265	0.000	14924	0	9.305	N.D. #
4)	L1 AR-1016-2	5.287	0.000	14688	0	6.139	N.D. #
5)	L1 AR-1016-3	5.331	4.766	3013	34471	2.023	31.863 #
6)	L1 AR-1016-4	5.374	4.766	7223	34471	5.971	38.175 #
7)	L1 AR-1016-5	5.731	4.974	38425	-1561	29.923	N.D. #
8)	L2 AR-1221-1	4.418	3.690	18552	19840	43.810	49.428
9)	L2 AR-1221-2	4.418	0.000	18552	0	57.119	N.D. #
10)	L2 AR-1221-3	4.500	3.896	14314	92712	13.608	94.754 #
11)	L3 AR-1232-1	4.500	3.896	14314	92712	11.484	81.317 #
12)	L3 AR-1232-2	4.999	0.000	66725	0	94.458	N.D. #
13)	L3 AR-1232-3	5.287	4.766	14688	34471	9.591	50.625 #
14)	L3 AR-1232-4	5.530	4.839	54216	46235	69.340	75.789
15)	L3 AR-1232-5	5.573	4.974	16881	-1561	28.082	N.D. #
16)	L4 AR-1242-1	5.287	0.000	14688	0	11.570	N.D. #
17)	L4 AR-1242-2	5.287	0.000	14688	0	7.915	N.D. #
18)	L4 AR-1242-3	5.374	4.766	7223	34471	6.180	41.258 #
19)	L4 AR-1242-4	5.530	4.839	54216	46235	56.015	55.413
20)	L4 AR-1242-5	6.250	5.317	56817	162735	45.215	145.481 #
21)	L5 AR-1248-1	5.265	0.000	14924	0	14.886	N.D. #
22)	L5 AR-1248-2	5.530	4.766	54216	34471	37.367	29.894
23)	L5 AR-1248-3	5.731	4.839	38425	46235	23.119	38.927 #
24)	L5 AR-1248-4	6.128	4.974	101099	-1561	49.459	N.D. #
25)	L5 AR-1248-5	6.167	5.317	88839	162735	44.799	113.699 #
26)	L6 AR-1254-1	6.101	5.317	157197	162735	75.343	68.612
27)	L6 AR-1254-2	6.313	5.461	401343	151229	120.298	72.072 #
28)	L6 AR-1254-3	6.680	5.856	338030	326267	95.261	97.031
29)	L6 AR-1254-4	6.962	6.083	262096	181091	88.981	87.830
30)	L6 AR-1254-5	7.403	6.489	277367	502023	89.693	161.684 #
31)	L7 AR-1260-1	6.836	5.982	245675	206484	91.132	90.607
32)	L7 AR-1260-2	7.092	6.169	531786	245204	143.320	83.691 #
33)	L7 AR-1260-3	7.443	6.316	296320	238574	90.442	90.057
34)	L7 AR-1260-4	7.670	6.777	382524	147589	124.547	65.230 #
35)	L7 AR-1260-5	7.978	7.022	711812	500984	100.525	91.033
36)	L8 AR-1262-1	7.501	6.522	165381	218795	34.079	58.697 #
37)	L8 AR-1262-2	8.020	7.022	196150	500984	25.422	85.215 #
38)	L8 AR-1262-3	8.277	7.295	236227	230997	46.298	90.909 #
39)	L8 AR-1262-4	8.337	7.344	485345	746476	125.909	168.926 #
40)	L8 AR-1262-5	8.927	7.852	305231	158757	118.926	87.926 #
41)	L9 AR-1268-1	8.277	7.295	236227	230997	25.102	32.439 #

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 Acq On : 06 Sep 2019 14:51
 Operator : SM/AJ
 Sample : K4695-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

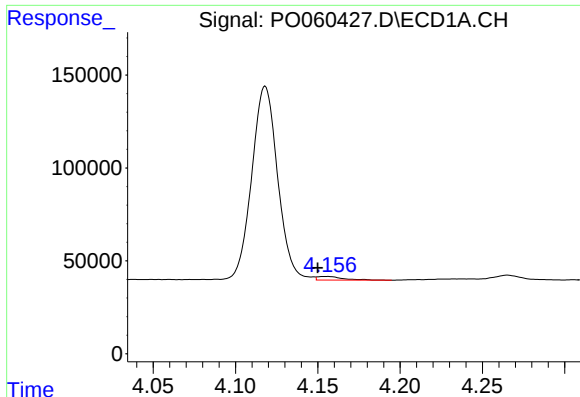
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:07:05 2019
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.337	7.344	485345	746476	61.571	115.768 #
43) L9	AR-1268-3	8.587	7.623	98704	9798	14.003	1.791 #
44) L9	AR-1268-4	8.927	7.852	305231	158757	109.794	77.772 #
45) L9	AR-1268-5	9.401	8.116	515848	257973	27.971	17.755 #

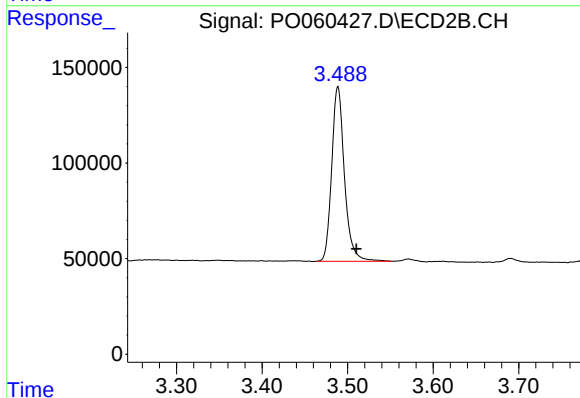
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

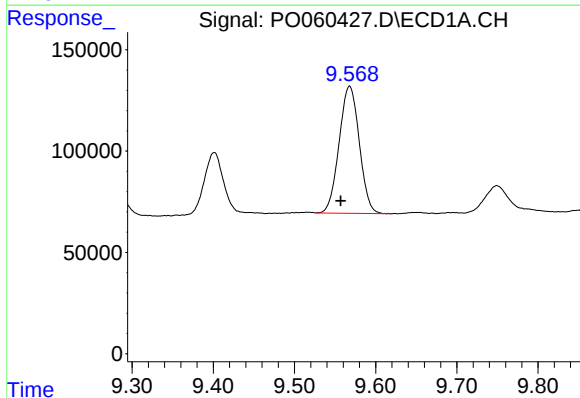
R.T.: 4.155 min
Delta R.T.: 0.005 min
Response: 21002
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



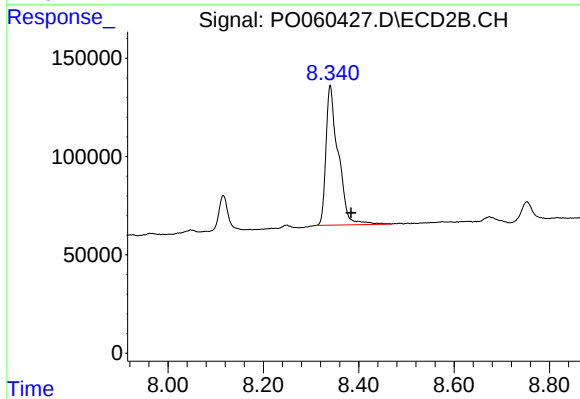
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: -0.022 min
Response: 945441
Conc: 26.27 ng/ml



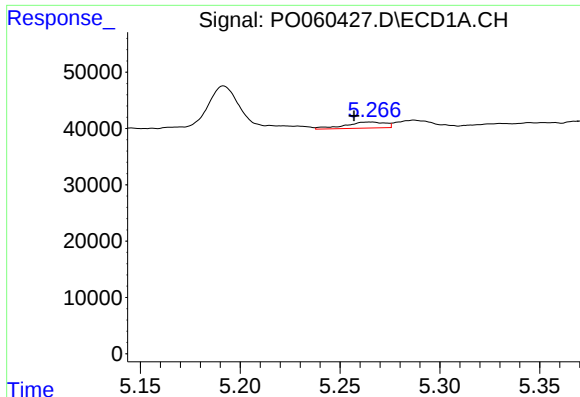
#2 Decachlorobiphenyl

R.T.: 9.568 min
Delta R.T.: 0.011 min
Response: 1083083
Conc: 20.36 ng/ml



#2 Decachlorobiphenyl

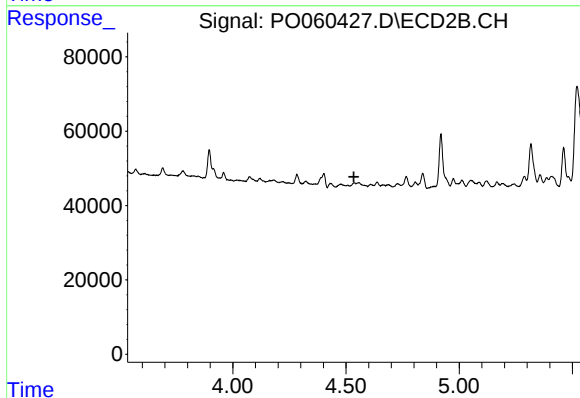
R.T.: 8.340 min
Delta R.T.: -0.044 min
Response: 1268949
Conc: 31.47 ng/ml



#3 AR-1016-1

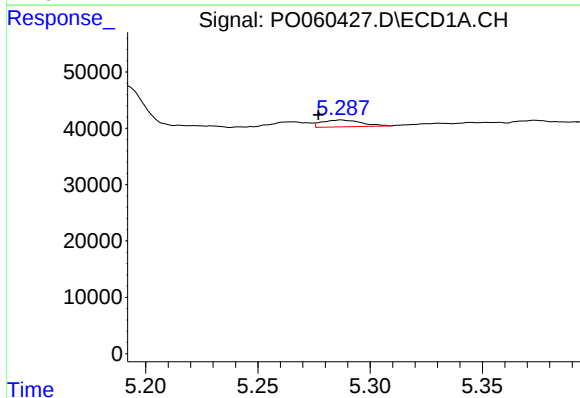
R.T.: 5.265 min
Delta R.T.: 0.008 min
Response: 14924
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



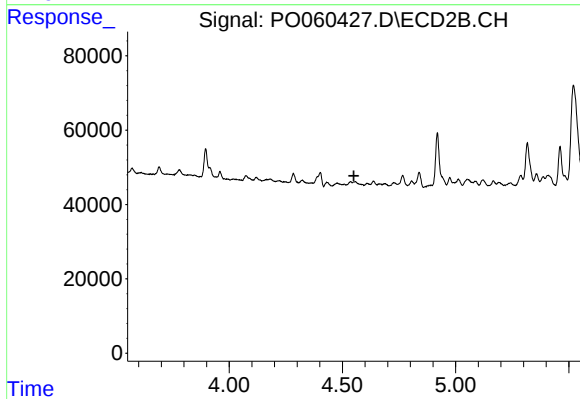
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.535 min
Response: 0
Conc: N.D.



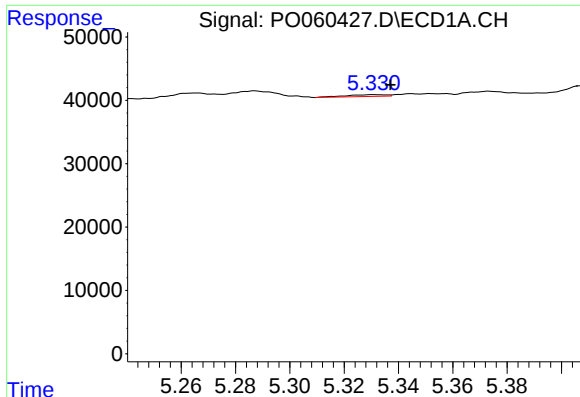
#4 AR-1016-2

R.T.: 5.287 min
Delta R.T.: 0.010 min
Response: 14688
Conc: 6.14 ng/ml



#4 AR-1016-2

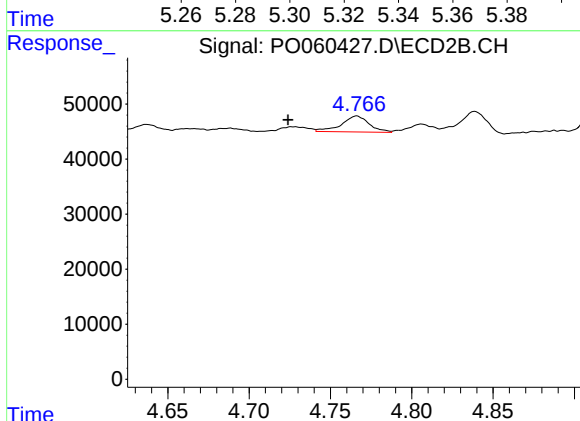
R.T.: 0.000 min
Exp R.T. : 4.551 min
Response: 0
Conc: N.D.



#5 AR-1016-3

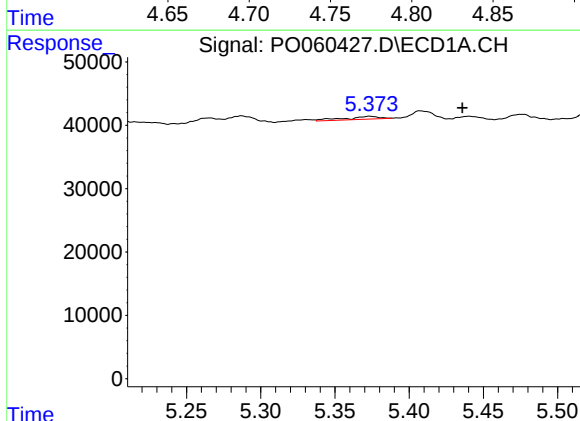
R.T.: 5.331 min
Delta R.T.: -0.006 min
Response: 3013
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



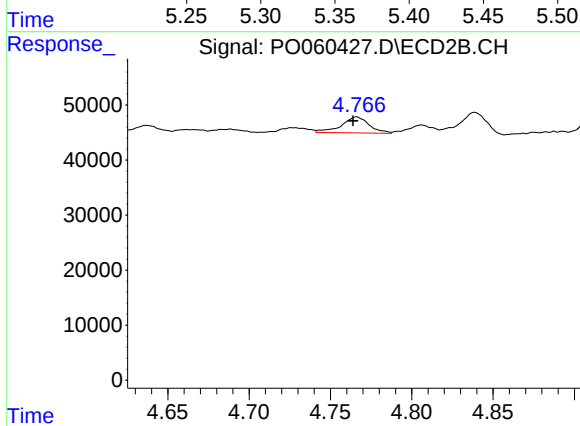
#5 AR-1016-3

R.T.: 4.766 min
Delta R.T.: 0.042 min
Response: 34471
Conc: 31.86 ng/ml



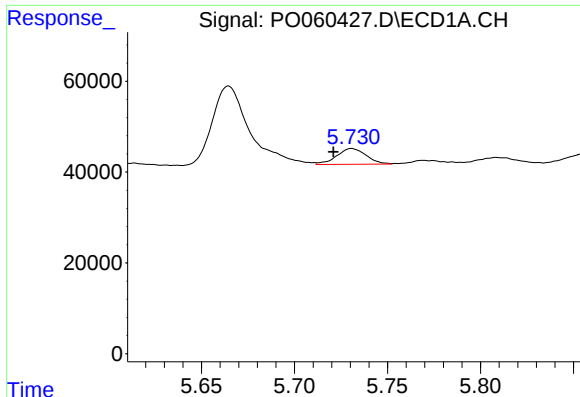
#6 AR-1016-4

R.T.: 5.374 min
Delta R.T.: -0.062 min
Response: 7223
Conc: 5.97 ng/ml



#6 AR-1016-4

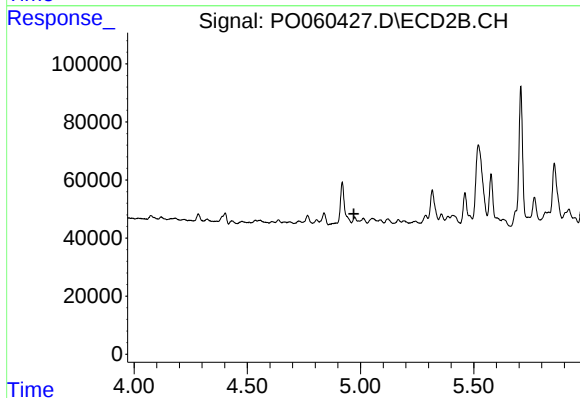
R.T.: 4.766 min
Delta R.T.: 0.002 min
Response: 34471
Conc: 38.17 ng/ml



#7 AR-1016-5

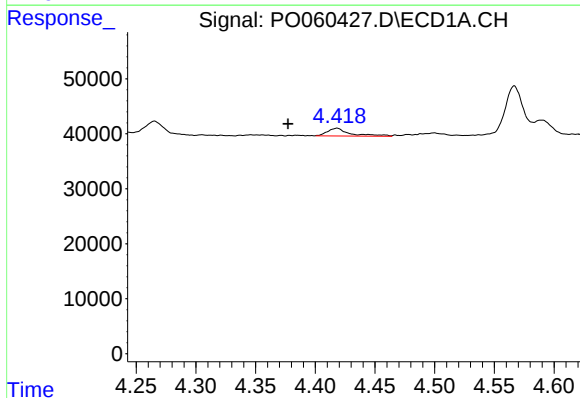
R.T.: 5.731 min
Delta R.T.: 0.010 min
Response: 38425
Conc: 29.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



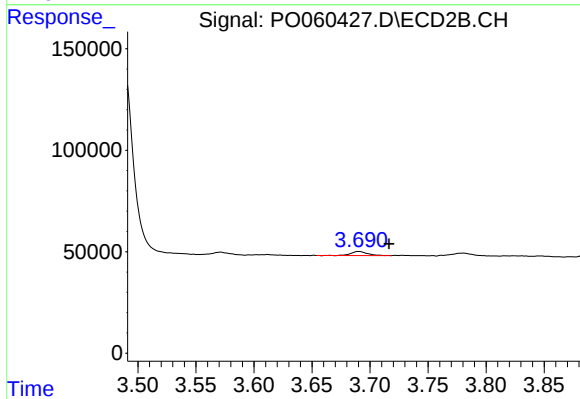
#7 AR-1016-5

R.T.: 4.974 min
Delta R.T.: 0.003 min
Response: -1561
Conc: N.D.



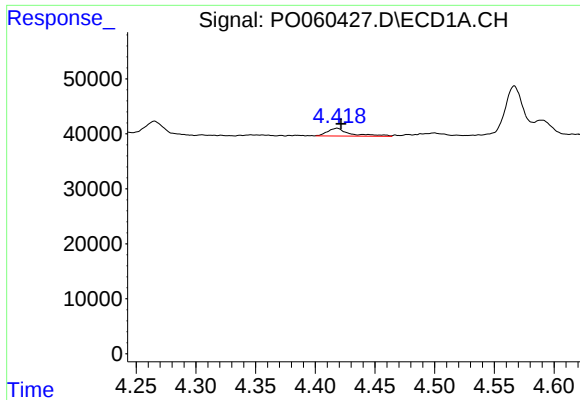
#8 AR-1221-1

R.T.: 4.418 min
Delta R.T.: 0.041 min
Response: 18552
Conc: 43.81 ng/ml



#8 AR-1221-1

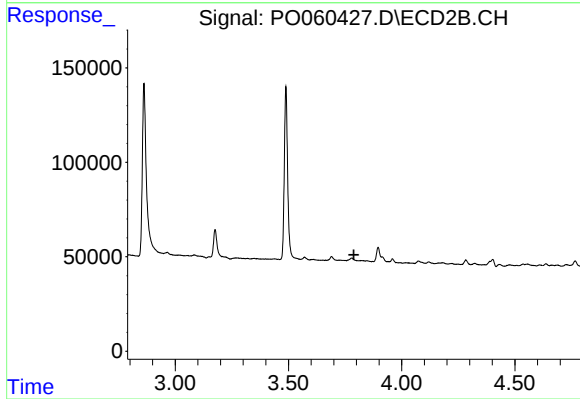
R.T.: 3.690 min
Delta R.T.: -0.026 min
Response: 19840
Conc: 49.43 ng/ml



#9 AR-1221-2

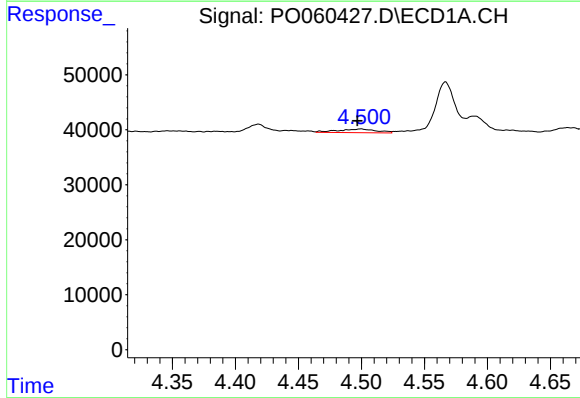
R.T.: 4.418 min
Delta R.T.: -0.003 min
Response: 18552
Conc: 57.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



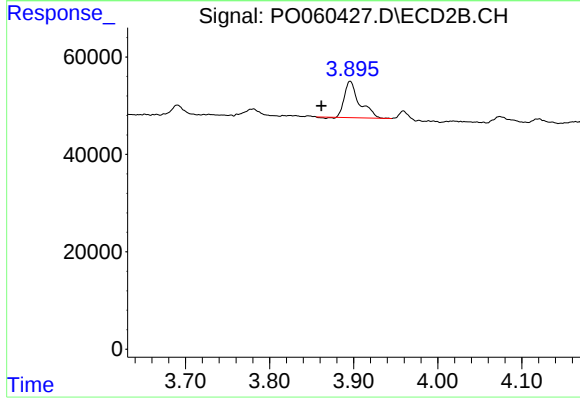
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



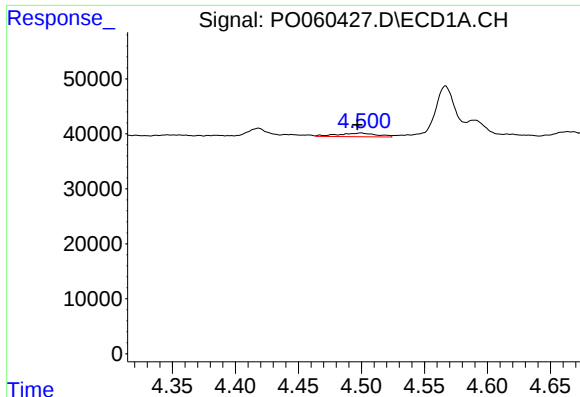
#10 AR-1221-3

R.T.: 4.500 min
Delta R.T.: 0.003 min
Response: 14314
Conc: 13.61 ng/ml



#10 AR-1221-3

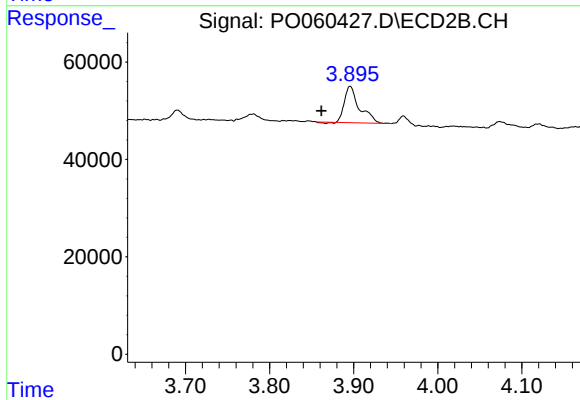
R.T.: 3.896 min
Delta R.T.: 0.034 min
Response: 92712
Conc: 94.75 ng/ml



#11 AR-1232-1

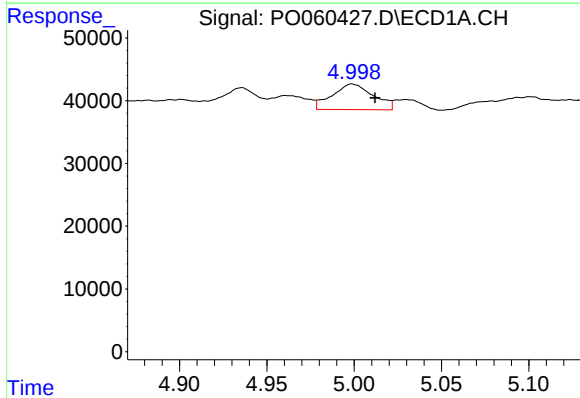
R.T.: 4.500 min
Delta R.T.: 0.003 min
Response: 14314
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



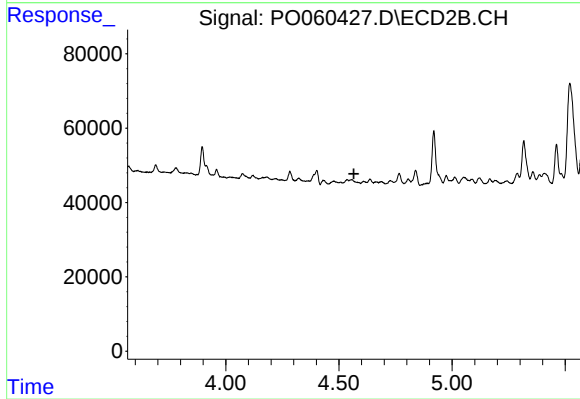
#11 AR-1232-1

R.T.: 3.896 min
Delta R.T.: 0.034 min
Response: 92712
Conc: 81.32 ng/ml



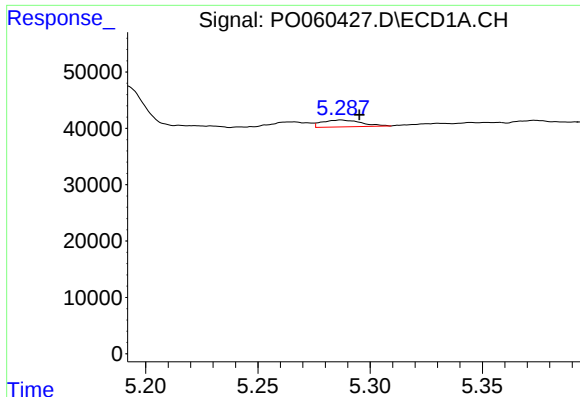
#12 AR-1232-2

R.T.: 4.999 min
Delta R.T.: -0.013 min
Response: 66725
Conc: 94.46 ng/ml



#12 AR-1232-2

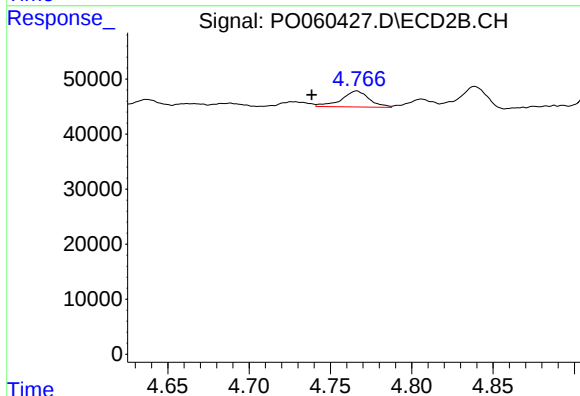
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

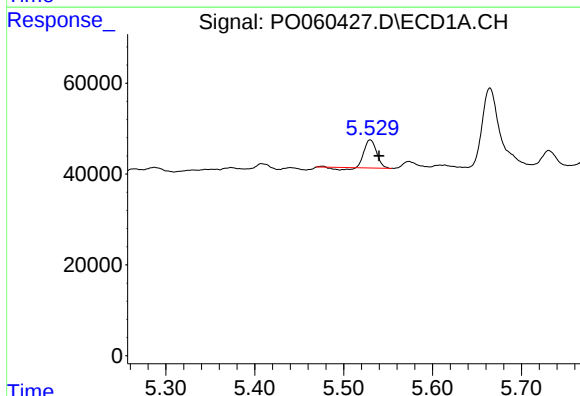
R.T.: 5.287 min
Delta R.T.: -0.008 min
Response: 14688
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



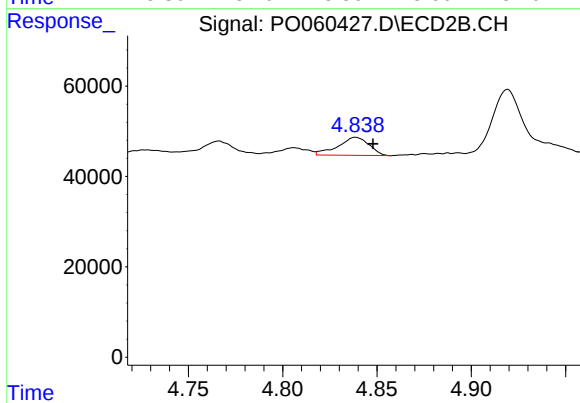
#13 AR-1232-3

R.T.: 4.766 min
Delta R.T.: 0.028 min
Response: 34471
Conc: 50.63 ng/ml



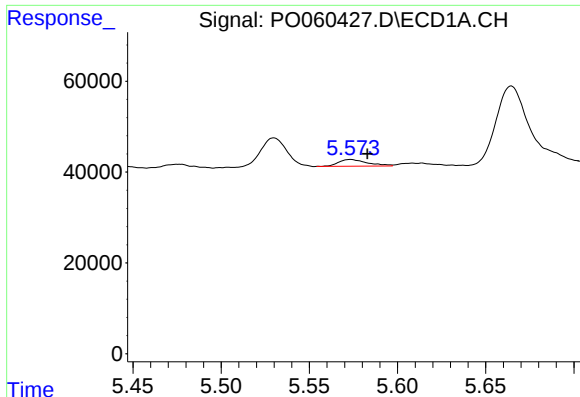
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 54216
Conc: 69.34 ng/ml



#14 AR-1232-4

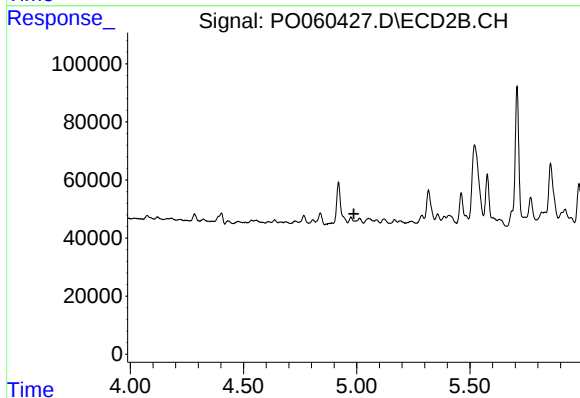
R.T.: 4.839 min
Delta R.T.: -0.009 min
Response: 46235
Conc: 75.79 ng/ml



#15 AR-1232-5

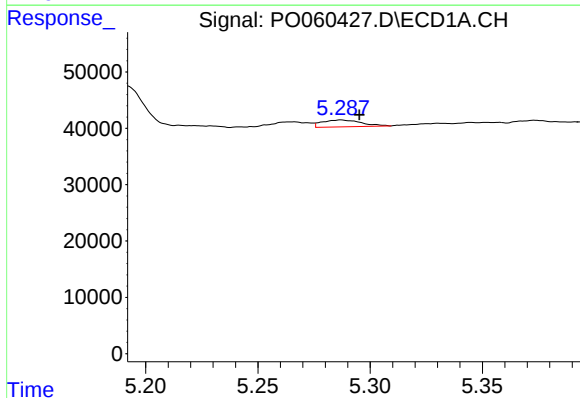
R.T.: 5.573 min
Delta R.T.: -0.010 min
Response: 16881
Conc: 28.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



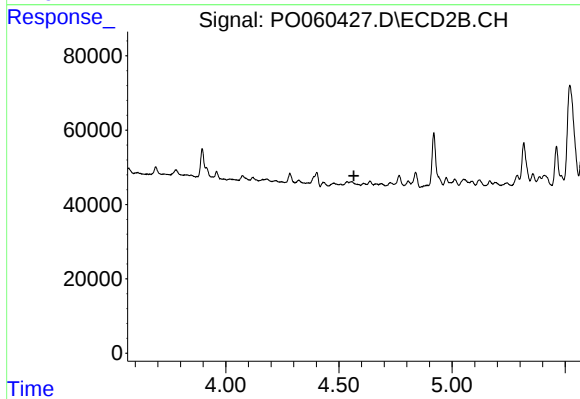
#15 AR-1232-5

R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: -1561
Conc: N.D.



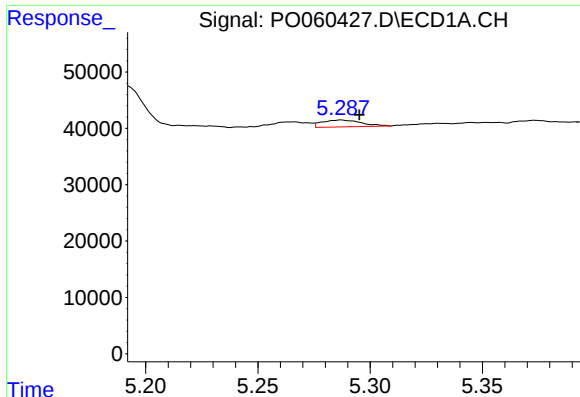
#16 AR-1242-1

R.T.: 5.287 min
Delta R.T.: -0.008 min
Response: 14688
Conc: 11.57 ng/ml



#16 AR-1242-1

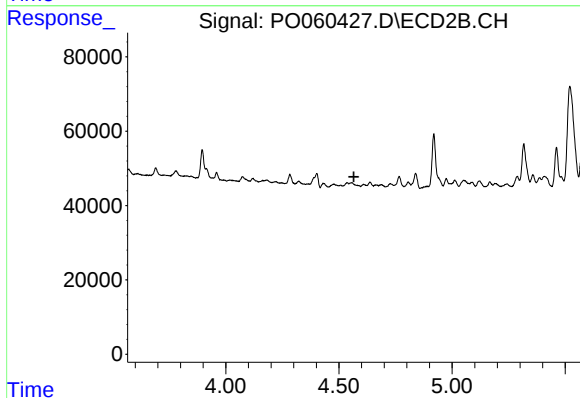
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

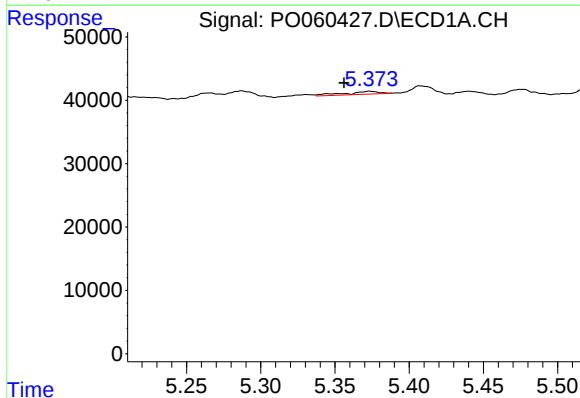
R.T.: 5.287 min
Delta R.T.: -0.008 min
Response: 14688
Conc: 7.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



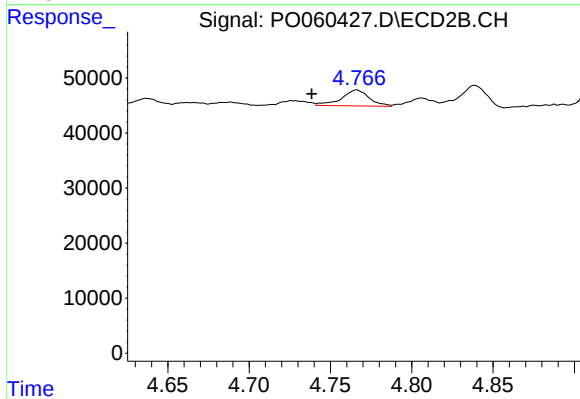
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



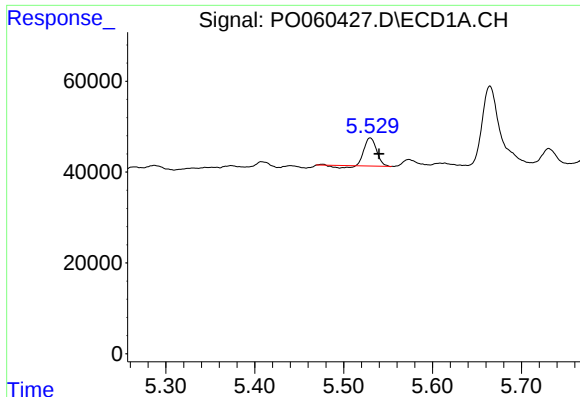
#18 AR-1242-3

R.T.: 5.374 min
Delta R.T.: 0.017 min
Response: 7223
Conc: 6.18 ng/ml



#18 AR-1242-3

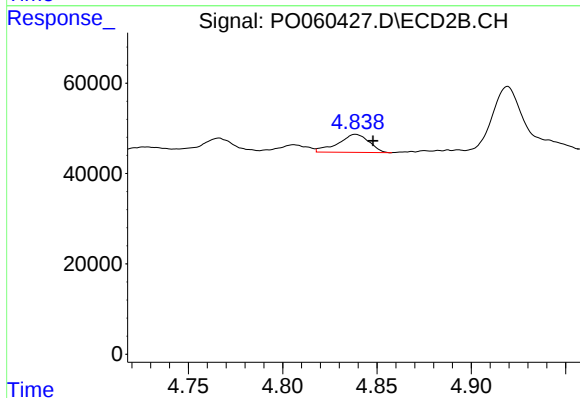
R.T.: 4.766 min
Delta R.T.: 0.028 min
Response: 34471
Conc: 41.26 ng/ml



#19 AR-1242-4

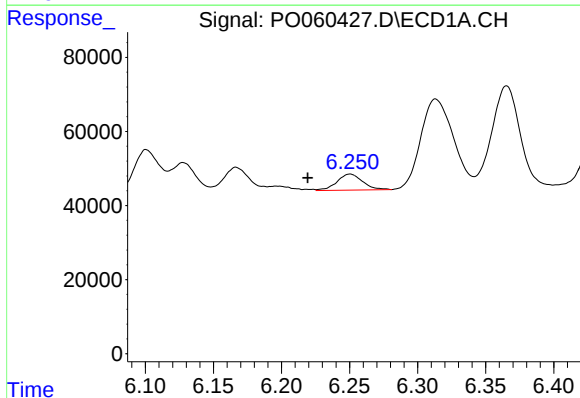
R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 54216
Conc: 56.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



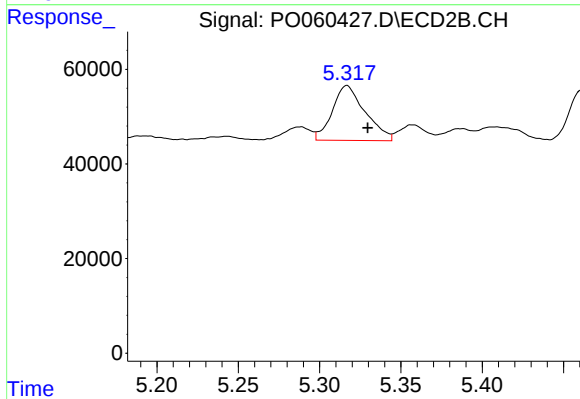
#19 AR-1242-4

R.T.: 4.839 min
Delta R.T.: -0.009 min
Response: 46235
Conc: 55.41 ng/ml



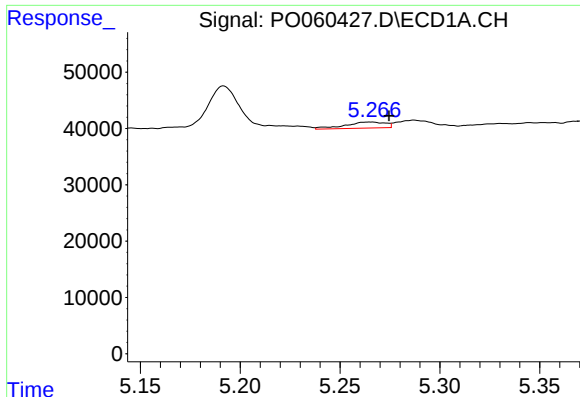
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: 0.031 min
Response: 56817
Conc: 45.21 ng/ml



#20 AR-1242-5

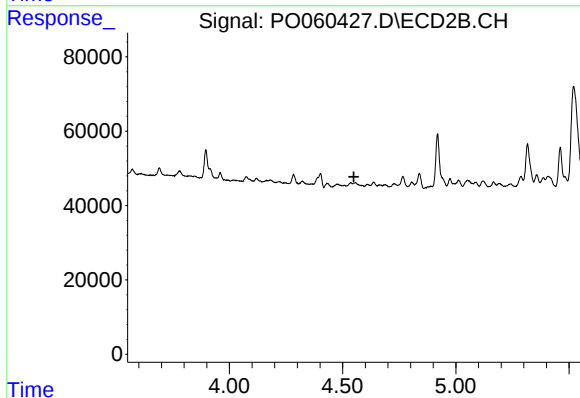
R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 162735
Conc: 145.48 ng/ml



#21 AR-1248-1

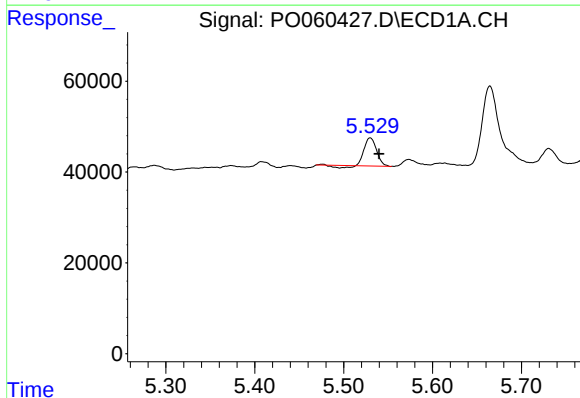
R.T.: 5.265 min
Delta R.T.: -0.009 min
Response: 14924
Conc: 14.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



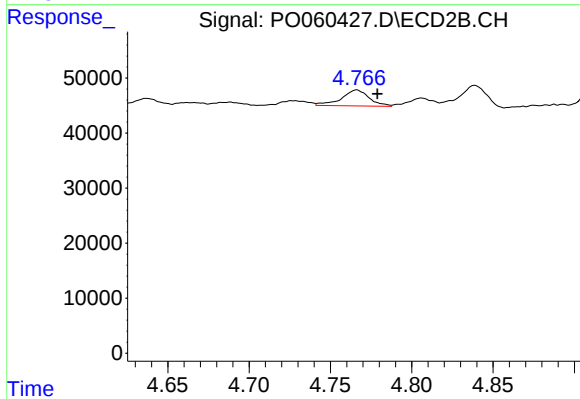
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



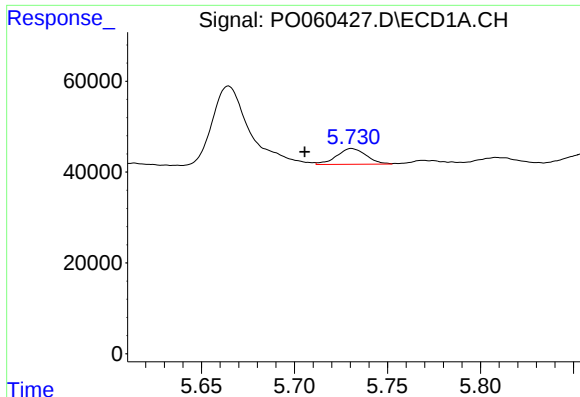
#22 AR-1248-2

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 54216
Conc: 37.37 ng/ml



#22 AR-1248-2

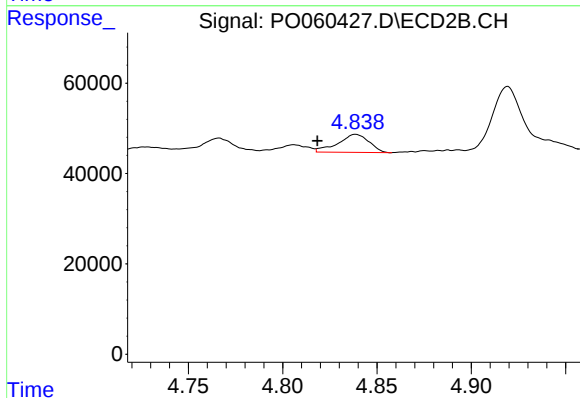
R.T.: 4.766 min
Delta R.T.: -0.013 min
Response: 34471
Conc: 29.89 ng/ml



#23 AR-1248-3

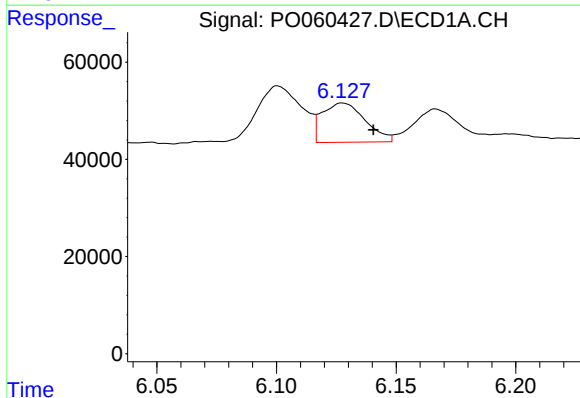
R.T.: 5.731 min
Delta R.T.: 0.025 min
Response: 38425
Conc: 23.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



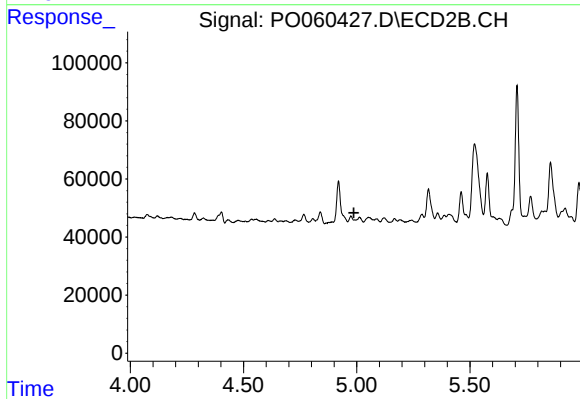
#23 AR-1248-3

R.T.: 4.839 min
Delta R.T.: 0.020 min
Response: 46235
Conc: 38.93 ng/ml



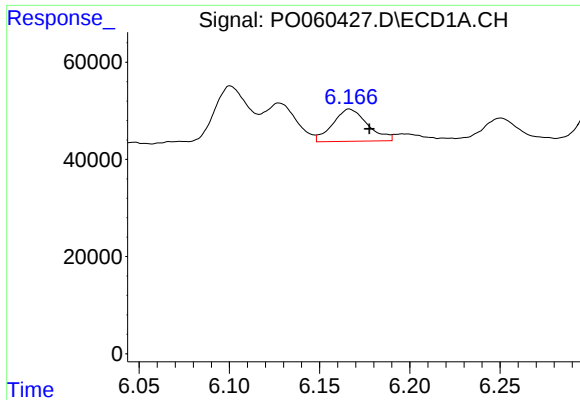
#24 AR-1248-4

R.T.: 6.128 min
Delta R.T.: -0.013 min
Response: 101099
Conc: 49.46 ng/ml



#24 AR-1248-4

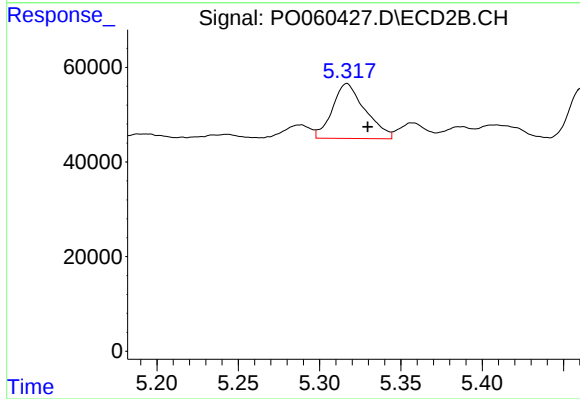
R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: -1561
Conc: N.D.



#25 AR-1248-5

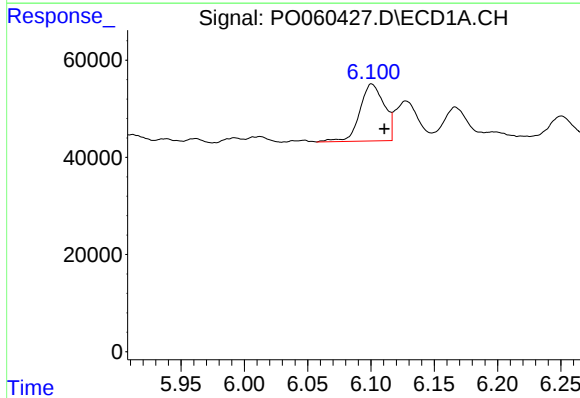
R.T.: 6.167 min
Delta R.T.: -0.011 min
Response: 88839
Conc: 44.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



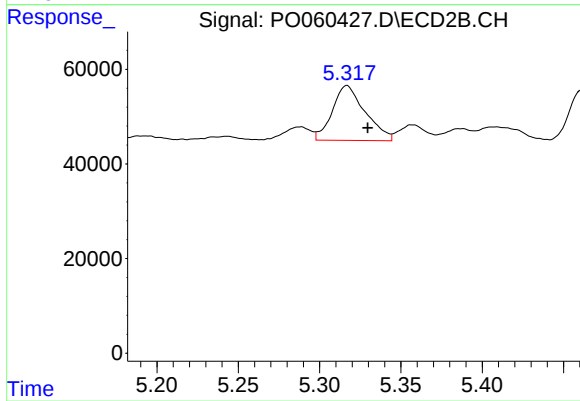
#25 AR-1248-5

R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 162735
Conc: 113.70 ng/ml



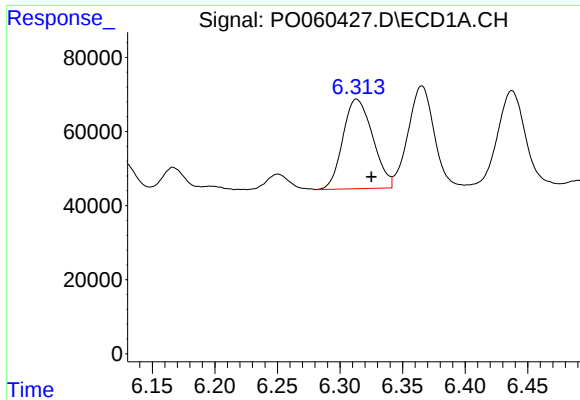
#26 AR-1254-1

R.T.: 6.101 min
Delta R.T.: -0.010 min
Response: 157197
Conc: 75.34 ng/ml



#26 AR-1254-1

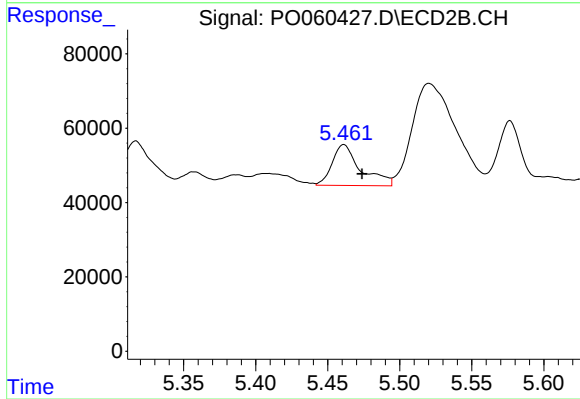
R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 162735
Conc: 68.61 ng/ml



#27 AR-1254-2

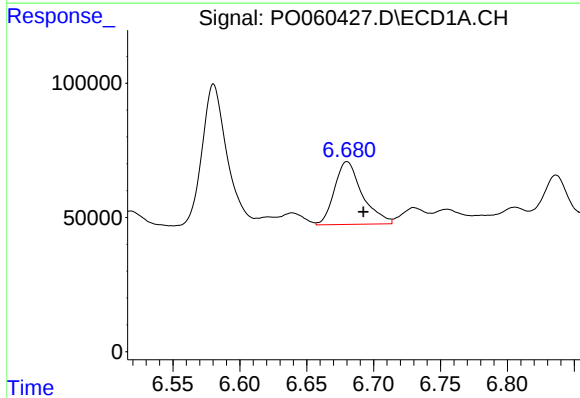
R.T.: 6.313 min
Delta R.T.: -0.012 min
Response: 401343
Conc: 120.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



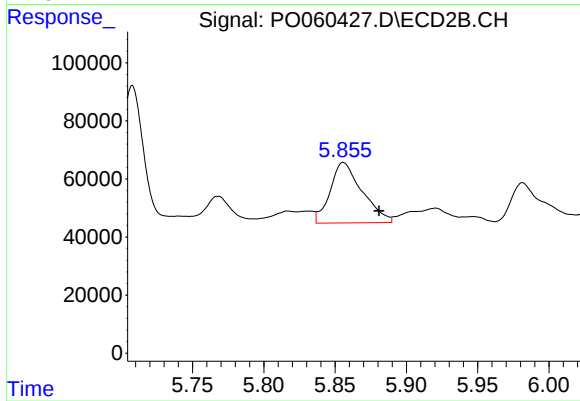
#27 AR-1254-2

R.T.: 5.461 min
Delta R.T.: -0.013 min
Response: 151229
Conc: 72.07 ng/ml



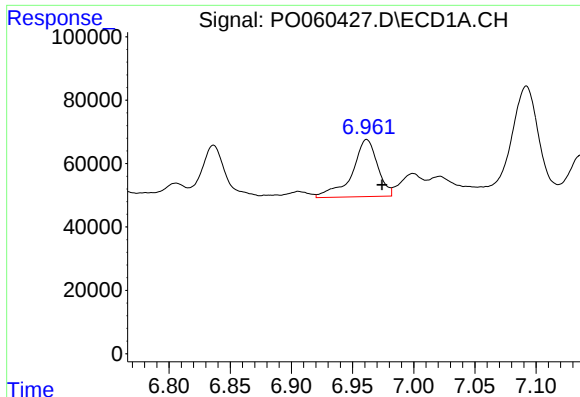
#28 AR-1254-3

R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 338030
Conc: 95.26 ng/ml



#28 AR-1254-3

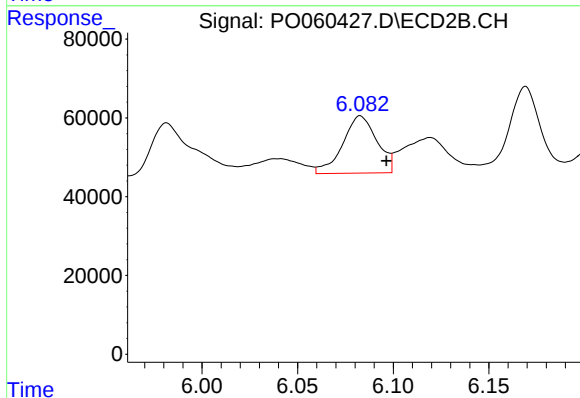
R.T.: 5.856 min
Delta R.T.: -0.025 min
Response: 326267
Conc: 97.03 ng/ml



#29 AR-1254-4

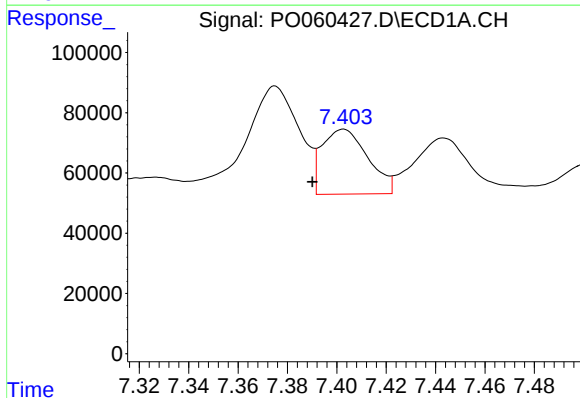
R.T.: 6.962 min
Delta R.T.: -0.013 min
Response: 262096
Conc: 88.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



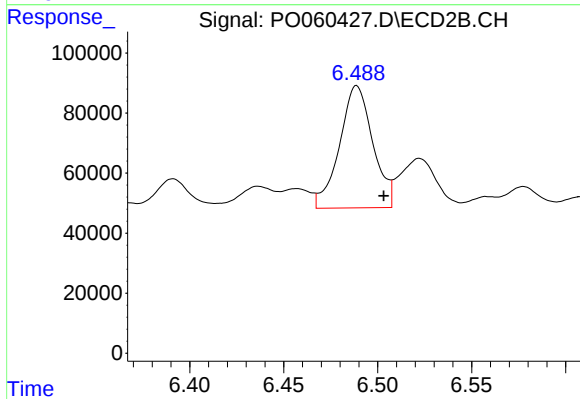
#29 AR-1254-4

R.T.: 6.083 min
Delta R.T.: -0.014 min
Response: 181091
Conc: 87.83 ng/ml



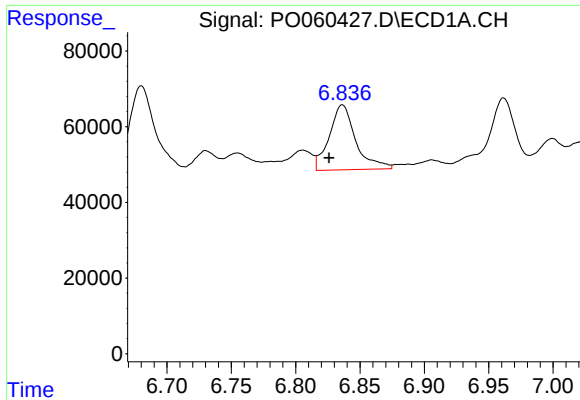
#30 AR-1254-5

R.T.: 7.403 min
Delta R.T.: 0.013 min
Response: 277367
Conc: 89.69 ng/ml



#30 AR-1254-5

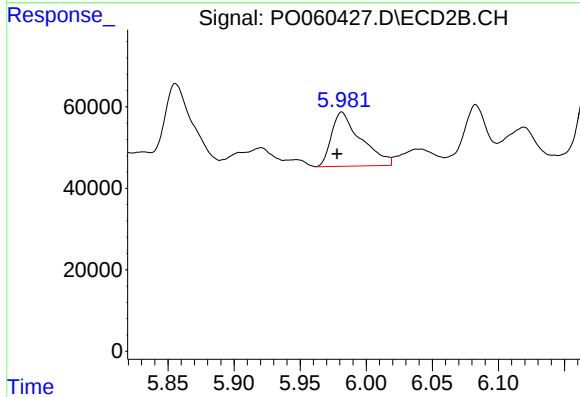
R.T.: 6.489 min
Delta R.T.: -0.014 min
Response: 502023
Conc: 161.68 ng/ml



#31 AR-1260-1

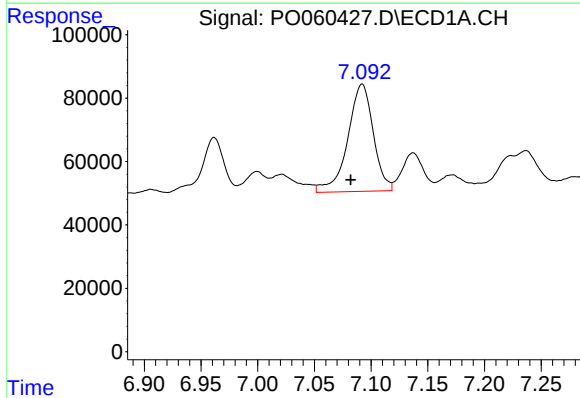
R.T.: 6.836 min
Delta R.T.: 0.010 min
Response: 245675
Conc: 91.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



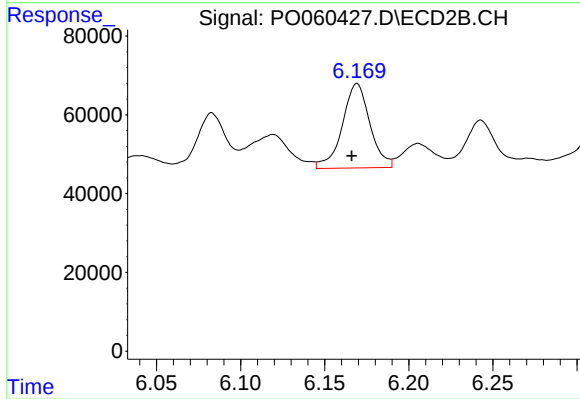
#31 AR-1260-1

R.T.: 5.982 min
Delta R.T.: 0.004 min
Response: 206484
Conc: 90.61 ng/ml



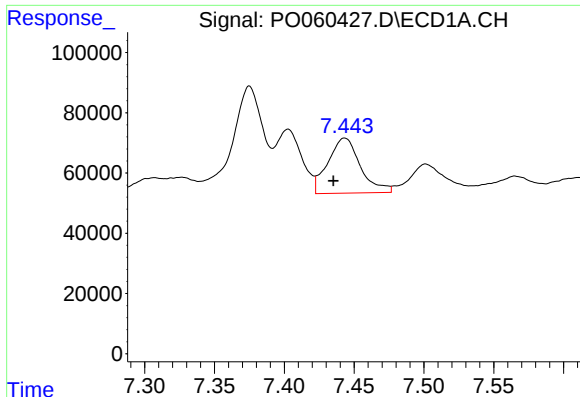
#32 AR-1260-2

R.T.: 7.092 min
Delta R.T.: 0.010 min
Response: 531786
Conc: 143.32 ng/ml



#32 AR-1260-2

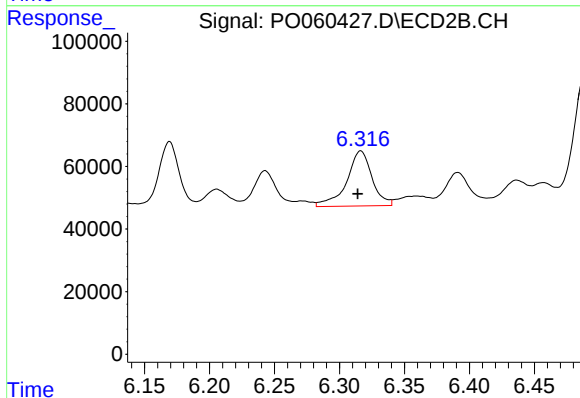
R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 245204
Conc: 83.69 ng/ml



#33 AR-1260-3

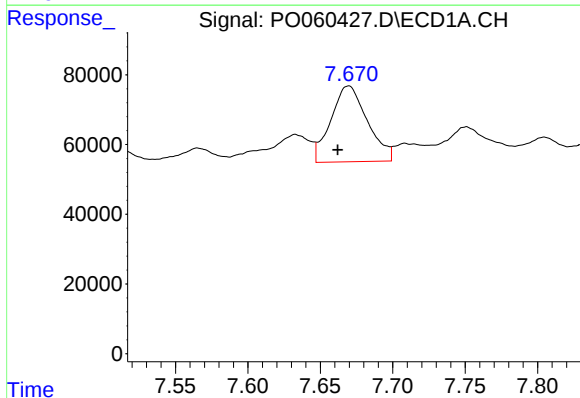
R.T.: 7.443 min
Delta R.T.: 0.008 min
Response: 296320
Conc: 90.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



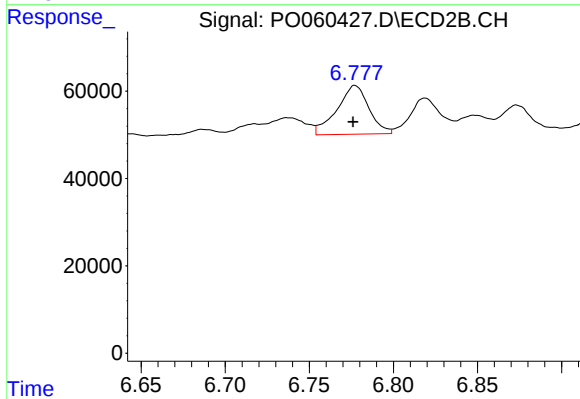
#33 AR-1260-3

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 238574
Conc: 90.06 ng/ml



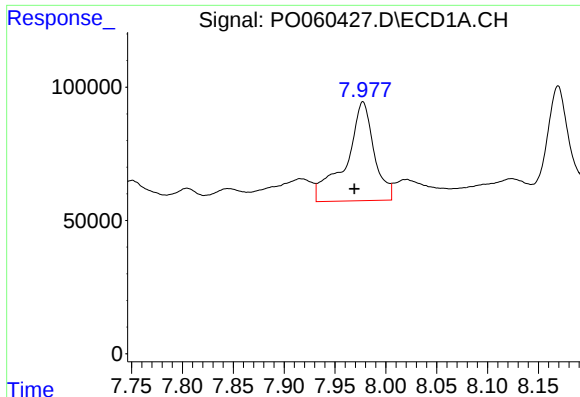
#34 AR-1260-4

R.T.: 7.670 min
Delta R.T.: 0.008 min
Response: 382524
Conc: 124.55 ng/ml



#34 AR-1260-4

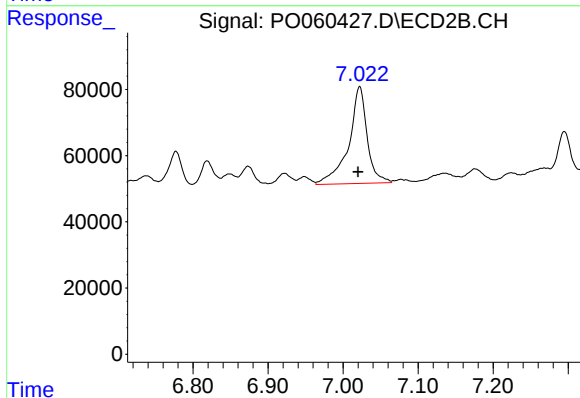
R.T.: 6.777 min
Delta R.T.: 0.001 min
Response: 147589
Conc: 65.23 ng/ml



#35 AR-1260-5

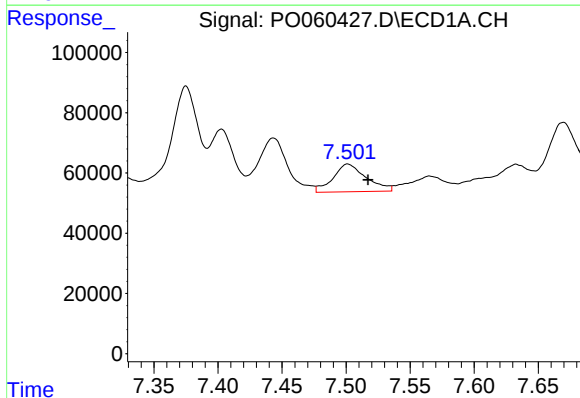
R.T.: 7.978 min
Delta R.T.: 0.009 min
Response: 711812
Conc: 100.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



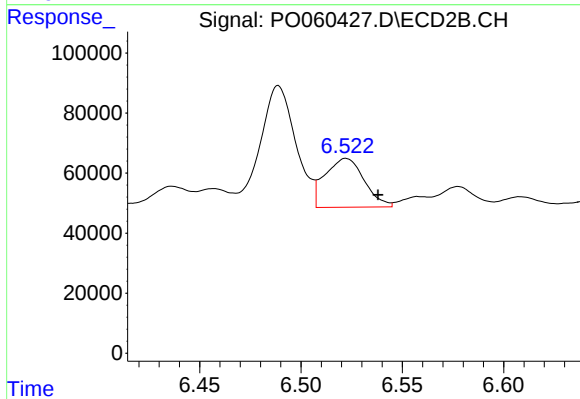
#35 AR-1260-5

R.T.: 7.022 min
Delta R.T.: 0.002 min
Response: 500984
Conc: 91.03 ng/ml



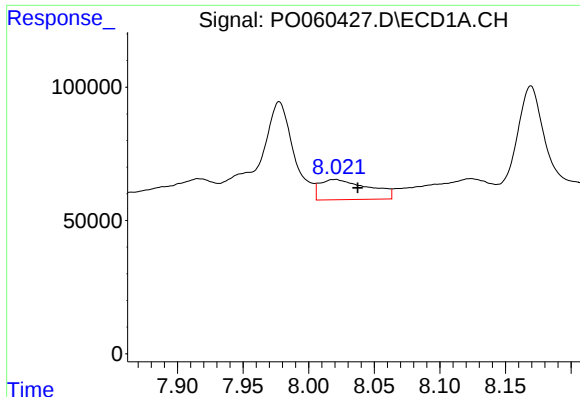
#36 AR-1262-1

R.T.: 7.501 min
Delta R.T.: -0.016 min
Response: 165381
Conc: 34.08 ng/ml



#36 AR-1262-1

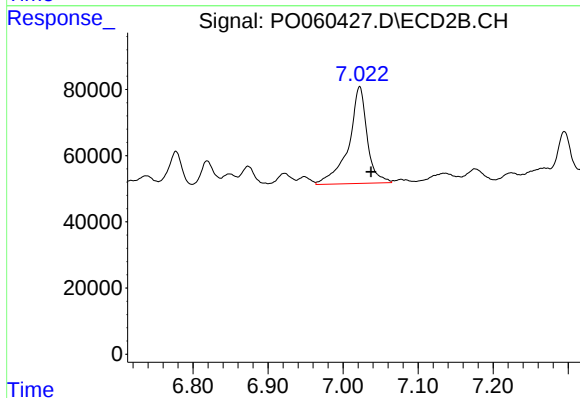
R.T.: 6.522 min
Delta R.T.: -0.016 min
Response: 218795
Conc: 58.70 ng/ml



#37 AR-1262-2

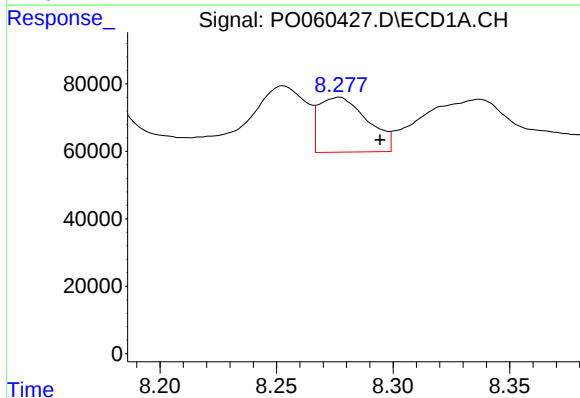
R.T.: 8.020 min
Delta R.T.: -0.017 min
Response: 196150
Conc: 25.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



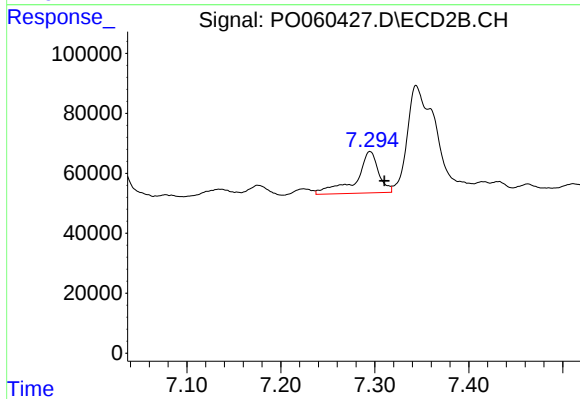
#37 AR-1262-2

R.T.: 7.022 min
Delta R.T.: -0.015 min
Response: 500984
Conc: 85.22 ng/ml



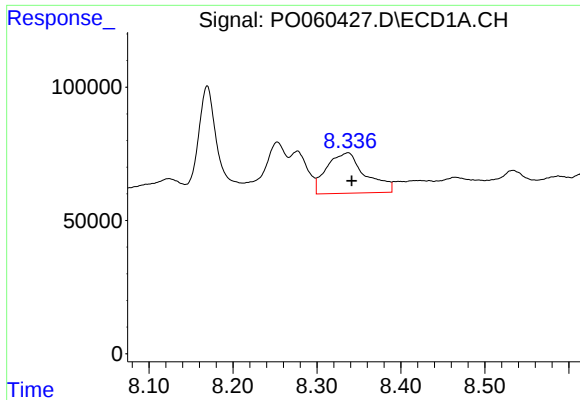
#38 AR-1262-3

R.T.: 8.277 min
Delta R.T.: -0.018 min
Response: 236227
Conc: 46.30 ng/ml



#38 AR-1262-3

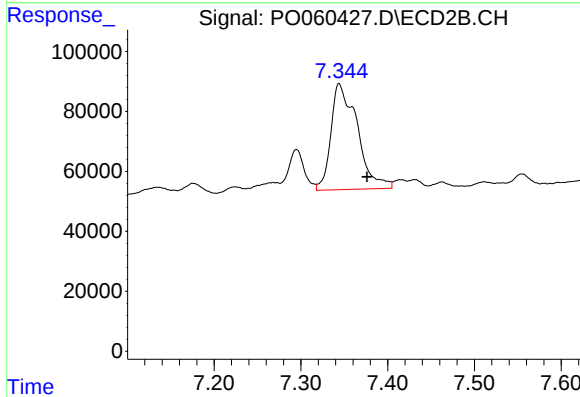
R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 230997
Conc: 90.91 ng/ml



#39 AR-1262-4

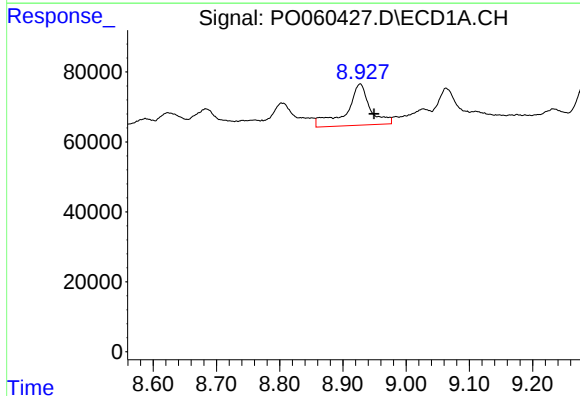
R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 485345
Conc: 125.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



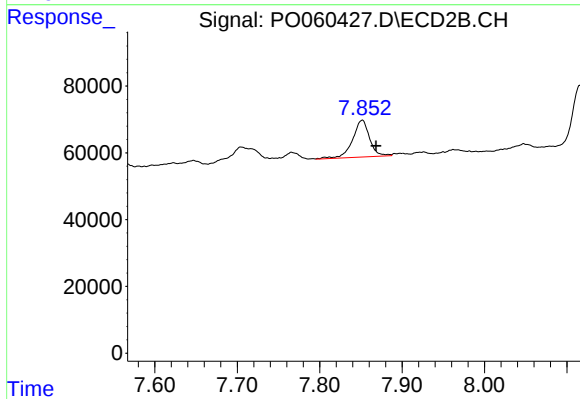
#39 AR-1262-4

R.T.: 7.344 min
Delta R.T.: -0.032 min
Response: 746476
Conc: 168.93 ng/ml



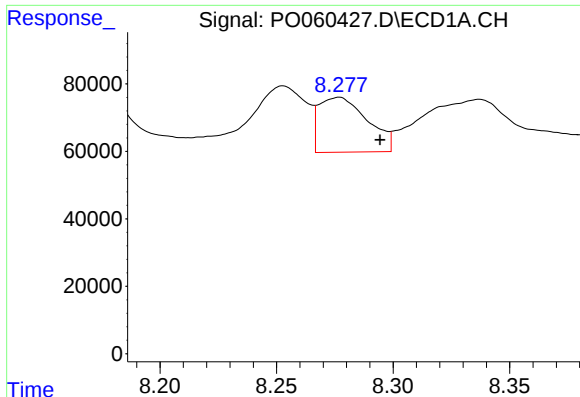
#40 AR-1262-5

R.T.: 8.927 min
Delta R.T.: -0.022 min
Response: 305231
Conc: 118.93 ng/ml



#40 AR-1262-5

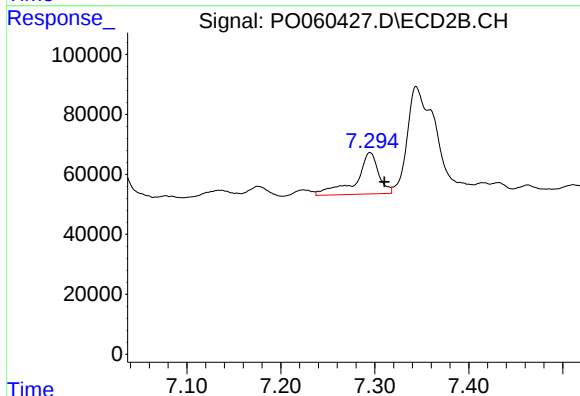
R.T.: 7.852 min
Delta R.T.: -0.017 min
Response: 158757
Conc: 87.93 ng/ml



#41 AR-1268-1

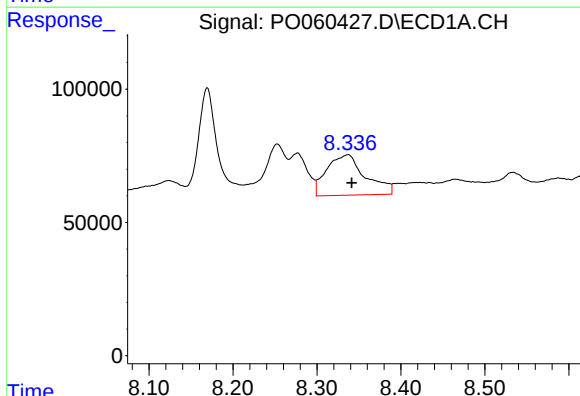
R.T.: 8.277 min
Delta R.T.: -0.018 min
Response: 236227
Conc: 25.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



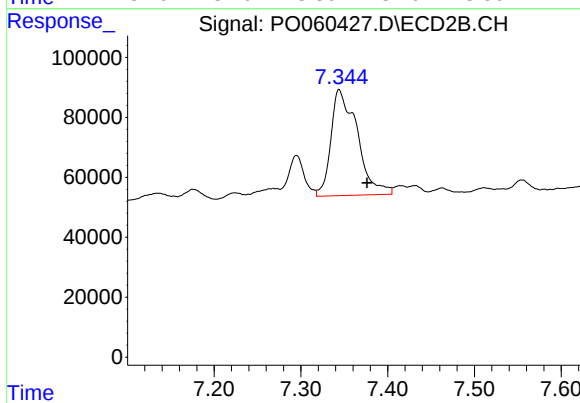
#41 AR-1268-1

R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 230997
Conc: 32.44 ng/ml



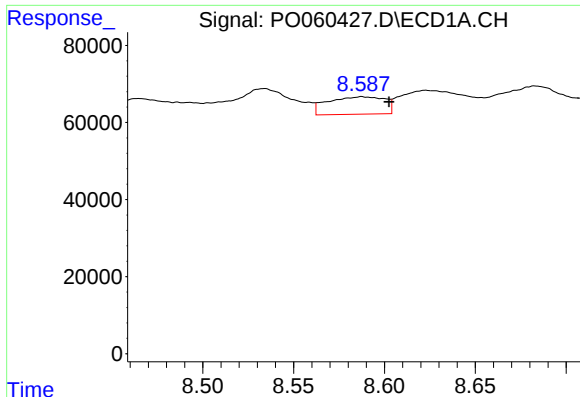
#42 AR-1268-2

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 485345
Conc: 61.57 ng/ml



#42 AR-1268-2

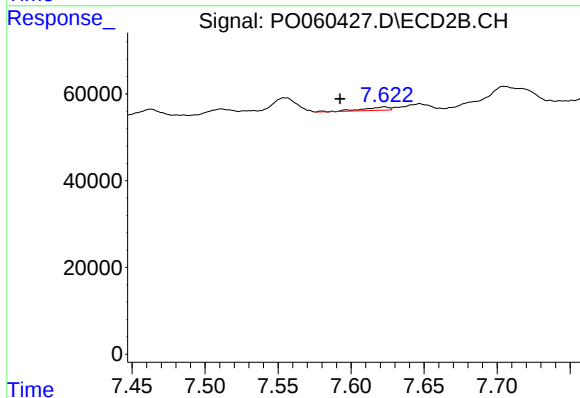
R.T.: 7.344 min
Delta R.T.: -0.032 min
Response: 746476
Conc: 115.77 ng/ml



#43 AR-1268-3

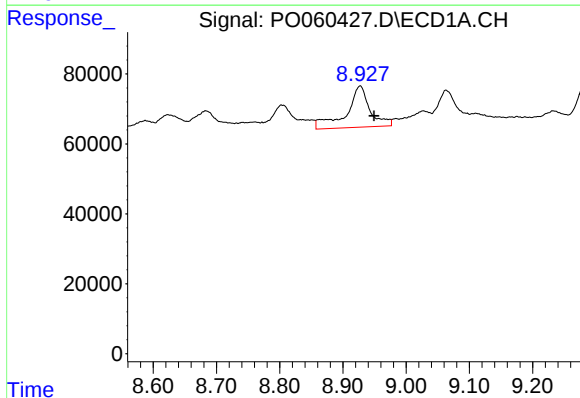
R.T.: 8.587 min
Delta R.T.: -0.015 min
Response: 98704
Conc: 14.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



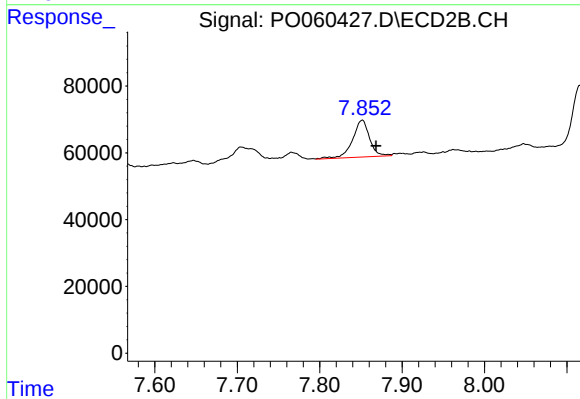
#43 AR-1268-3

R.T.: 7.623 min
Delta R.T.: 0.030 min
Response: 9798
Conc: 1.79 ng/ml



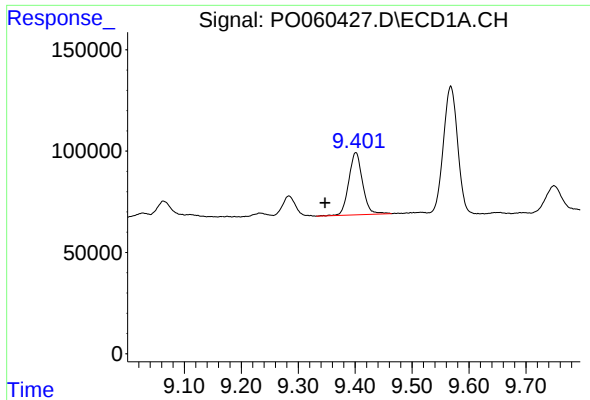
#44 AR-1268-4

R.T.: 8.927 min
Delta R.T.: -0.022 min
Response: 305231
Conc: 109.79 ng/ml



#44 AR-1268-4

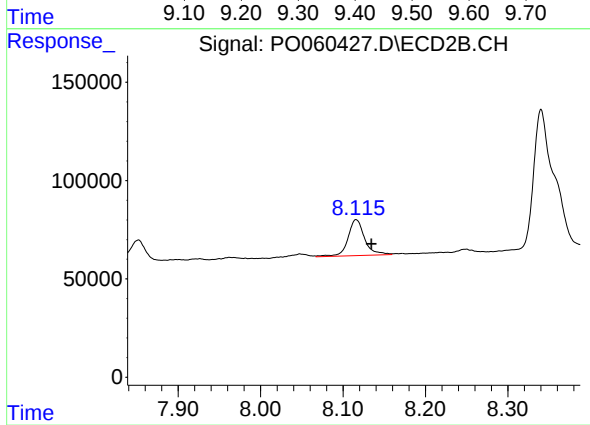
R.T.: 7.852 min
Delta R.T.: -0.017 min
Response: 158757
Conc: 77.77 ng/ml



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.054 min
Response: 515848
Conc: 27.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.116 min
Delta R.T.: -0.019 min
Response: 257973
Conc: 17.76 ng/ml