

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 20:39
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:11:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.749	4.593	36256765	170.9E6	29.506	27.706
2)	SA Decachlor...	8.676	10.312	57814282	224.2E6	20.069	19.315
Target Compounds							
3)	L1 AR-1016-1	0.000	5.746	0	348880	N.D.	1.398 #
4)	L1 AR-1016-2	0.000	5.772	0	678734	N.D.	1.740 #
5)	L1 AR-1016-3	5.045	5.772	2555776	678734	57.375	2.771 #
6)	L1 AR-1016-4	5.045	0.000	2555776	0	71.513	N.D. #
7)	L1 AR-1016-5	5.254	6.218	1431058	9594334	28.501	49.362 #
9)	L2 AR-1221-2	0.000	4.899	0	3201917	N.D.	51.008 #
10)	L2 AR-1221-3	0.000	4.978	0	305220	N.D.	1.523 #
11)	L3 AR-1232-1	0.000	4.978	0	305220	N.D.	1.468 #
12)	L3 AR-1232-2	0.000	5.470	0	135615	N.D.	1.193 #
13)	L3 AR-1232-3	5.045	5.772	2555776	678734	87.553	2.662 #
14)	L3 AR-1232-4	5.086	0.000	776102	0	29.825	N.D. #
15)	L3 AR-1232-5	5.254	6.015	1431058	10078426	47.351	110.845 #
16)	L4 AR-1242-1	0.000	5.746	0	348880	N.D.	1.443 #
17)	L4 AR-1242-2	0.000	5.772	0	678734	N.D.	1.831 #
18)	L4 AR-1242-3	5.045	5.772	2555776	678734	60.129	2.986 #
19)	L4 AR-1242-4	5.086	0.000	776102	0	18.770	N.D. #
20)	L4 AR-1242-5	5.599	6.658	5975082	8653697	97.307	37.603 #
21)	L5 AR-1248-1	0.000	5.746	0	348880	N.D.	2.084 #
22)	L5 AR-1248-2	5.045	6.015	2555776	10078426	47.450	41.140
23)	L5 AR-1248-3	5.086	6.218	776102	9594334	13.874	33.395 #
24)	L5 AR-1248-4	5.254	6.617	1431058	10366670	20.134	28.883 #
25)	L5 AR-1248-5	5.599	6.658	5975082	8653697	77.309	25.000 #
26)	L6 AR-1254-1	5.599	6.590	5975082	19493239	44.012	49.377
27)	L6 AR-1254-2	5.744	6.803	5529701	27366275	46.354	43.285
28)	L6 AR-1254-3	6.141	7.169	8309724	29879495	39.035	41.360
29)	L6 AR-1254-4	6.365	7.451	6570338	23009552	39.858	41.900
30)	L6 AR-1254-5	6.776	7.864	7890860	23255401	39.456	38.967
31)	L7 AR-1260-1	6.267	7.328	4476551	12341698	39.687	29.983
32)	L7 AR-1260-2	6.452	7.580	3741863	12207326	25.745	24.019
33)	L7 AR-1260-3	6.603	7.926	3506513	2810184	26.122	6.865 #
34)	L7 AR-1260-4	7.106	8.156	2033264	9294364	16.353	19.491
35)	L7 AR-1260-5	7.306	8.488	746677	4509041	2.368	4.347 #
36)	L8 AR-1262-1	0.000	7.926	0	2810184	N.D.	4.700 #
37)	L8 AR-1262-2	7.306	8.488	746677	4509041	2.122	3.790 #
38)	L8 AR-1262-3	7.649	8.826	947776	4746469	6.774	5.864
39)	L8 AR-1262-4	7.649	8.868	947776	1665566	3.571	2.683
41)	L9 AR-1268-1	7.649	8.826	947776	4746469	2.576	3.627 #
42)	L9 AR-1268-2	7.649	8.868	947776	1665566	2.766	1.338 #
43)	L9 AR-1268-3	0.000	9.126	0	2928598	N.D.	2.776 #

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 00:11:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
Response via : Initial Calibration
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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
45) L9	AR-1268-5	0.000	9.977	0	1687933	N.D.	0.428 #

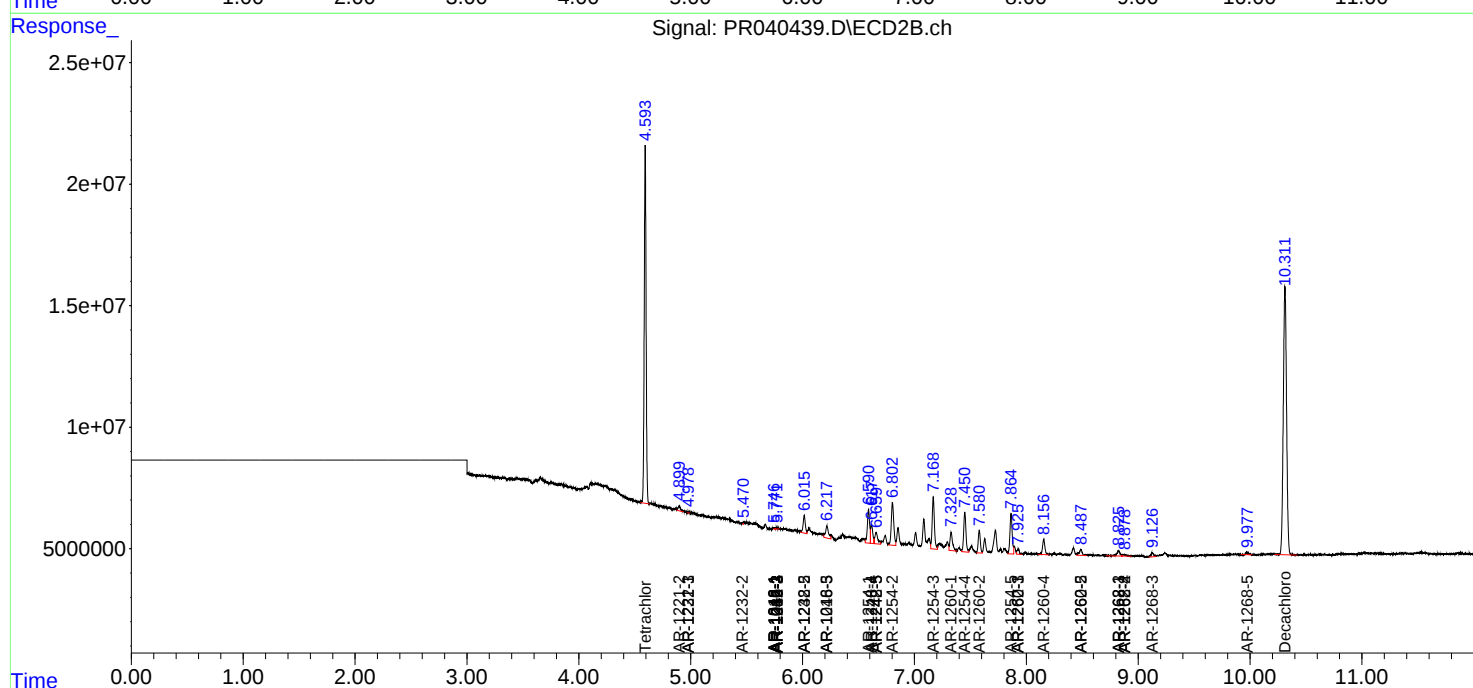
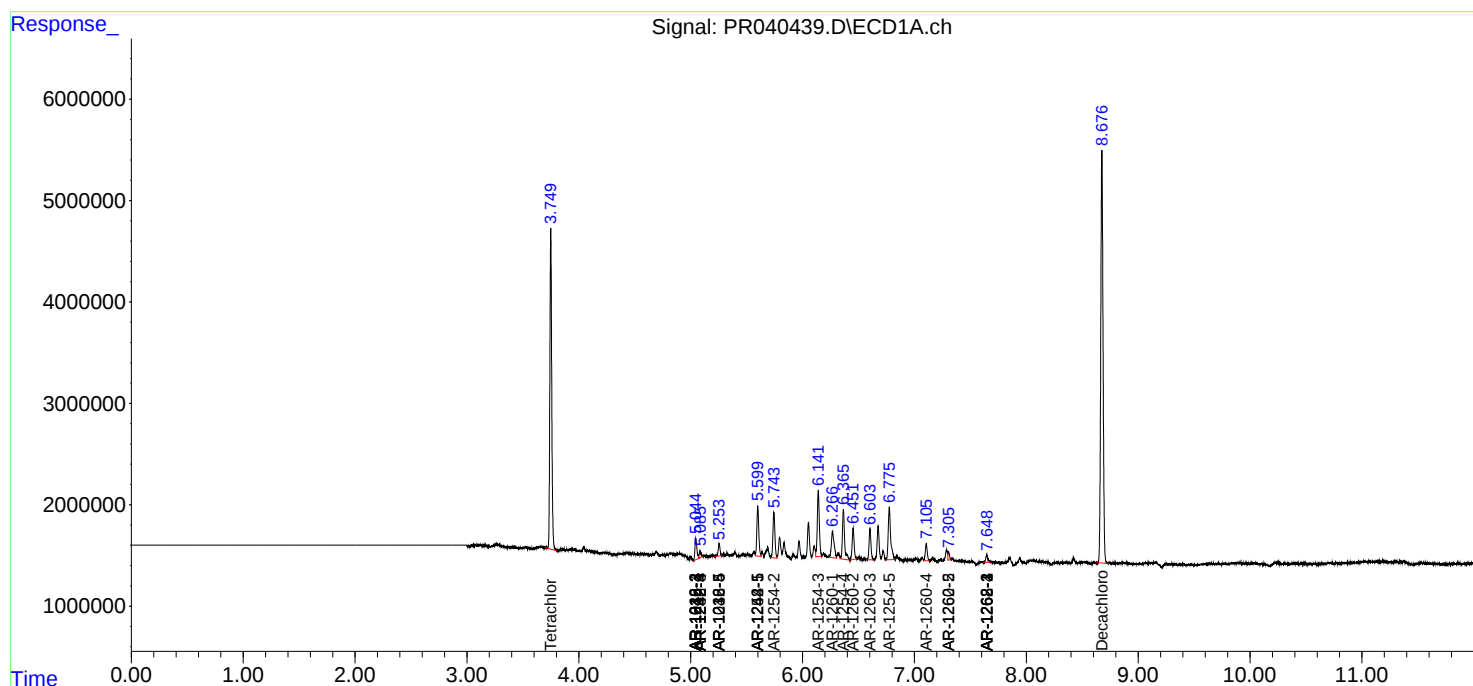
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

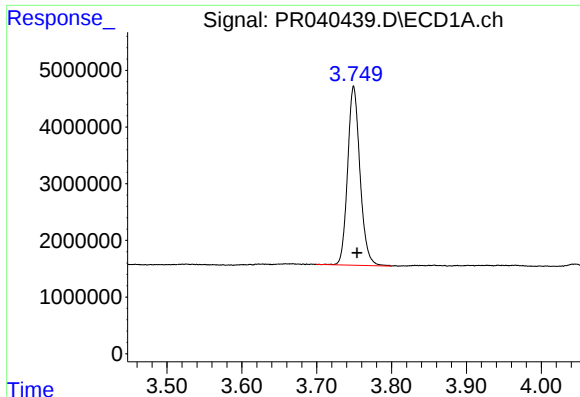
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

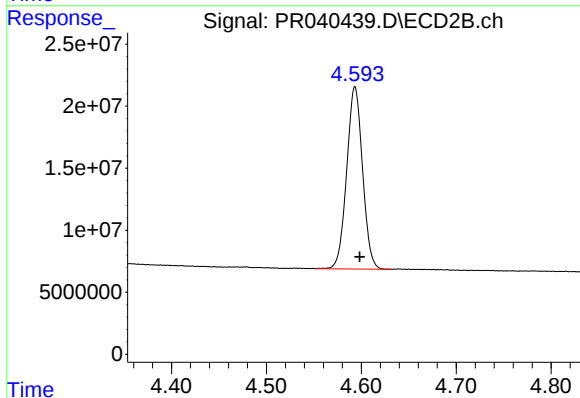




#1 Tetrachloro-m-xylene

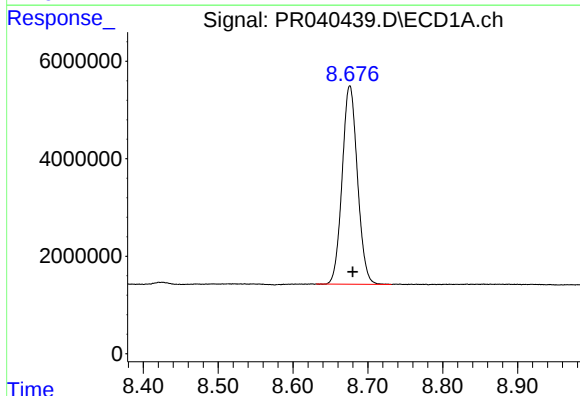
R.T.: 3.749 min
Delta R.T.: -0.005 min
Response: 36256765
Conc: 29.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



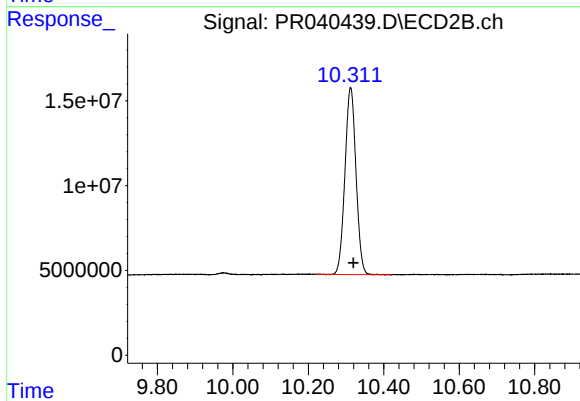
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 170884194
Conc: 27.71 ng/ml



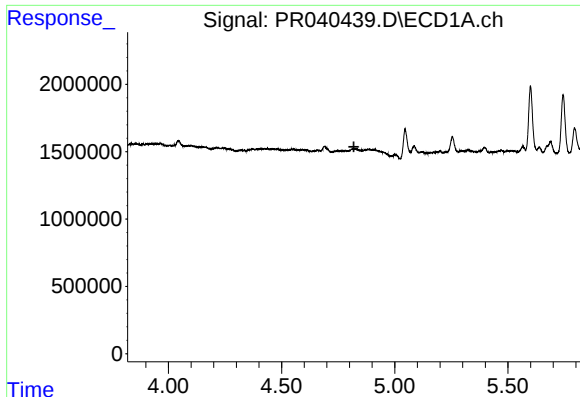
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 57814282
Conc: 20.07 ng/ml



#2 Decachlorobiphenyl

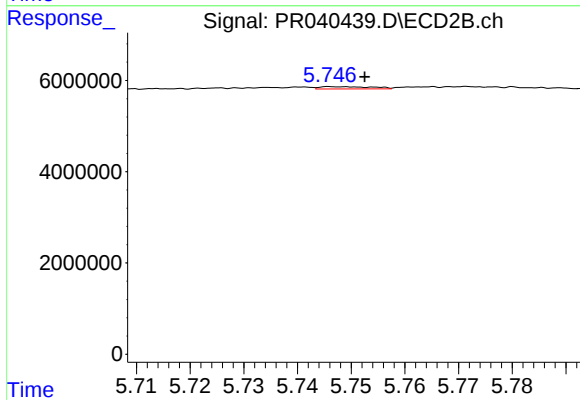
R.T.: 10.312 min
Delta R.T.: -0.007 min
Response: 224177064
Conc: 19.31 ng/ml



#3 AR-1016-1

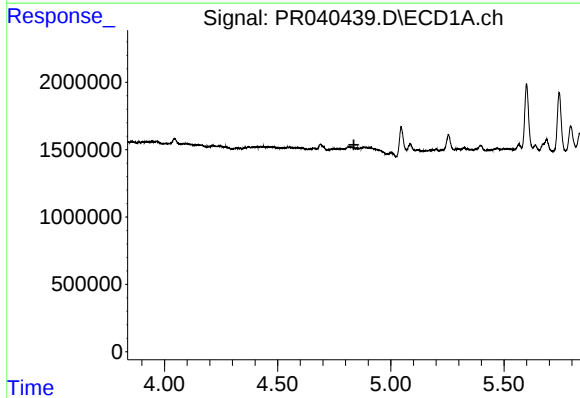
R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



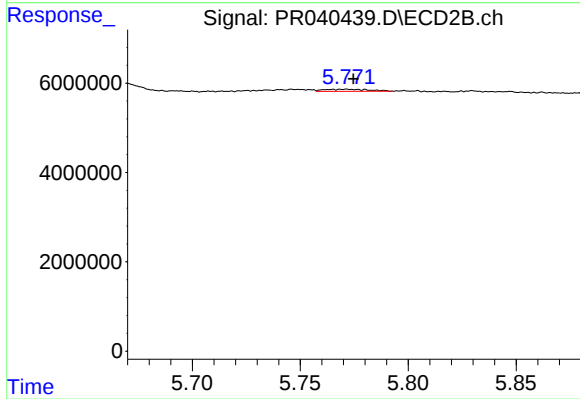
#3 AR-1016-1

R.T.: 5.746 min
Delta R.T.: -0.006 min
Response: 348880
Conc: 1.40 ng/ml



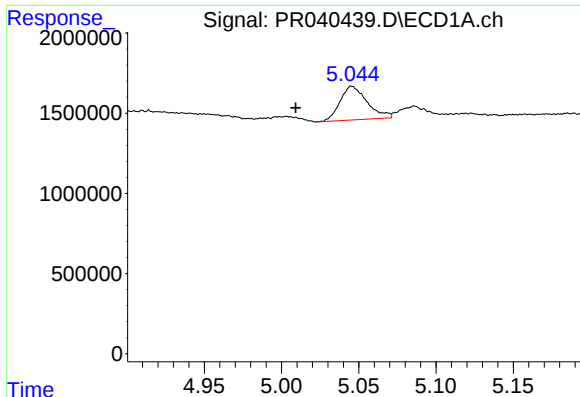
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#4 AR-1016-2

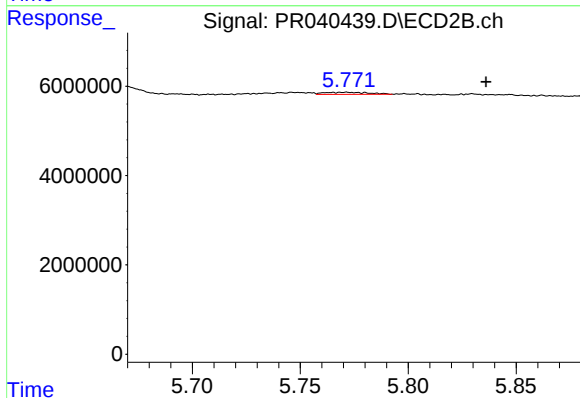
R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 678734
Conc: 1.74 ng/ml



#5 AR-1016-3

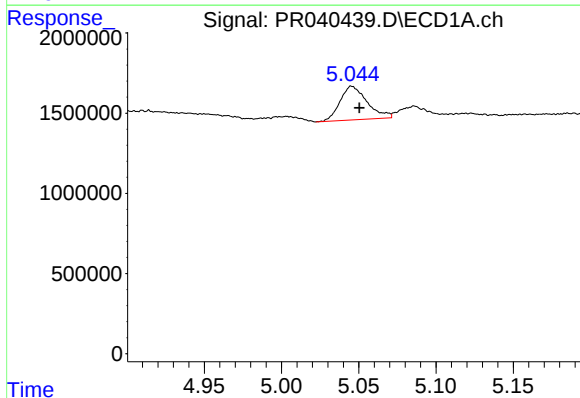
R.T.: 5.045 min
Delta R.T.: 0.036 min
Response: 2555776
Conc: 57.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



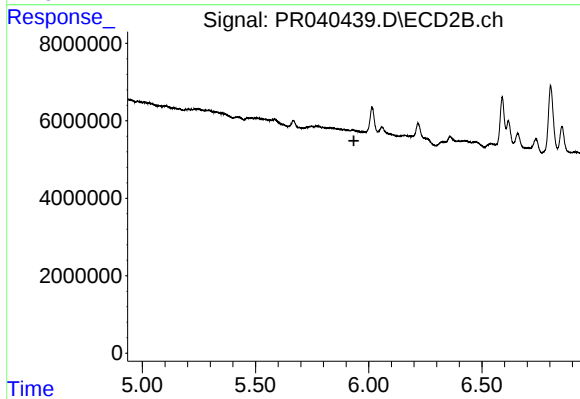
#5 AR-1016-3

R.T.: 5.772 min
Delta R.T.: -0.064 min
Response: 678734
Conc: 2.77 ng/ml



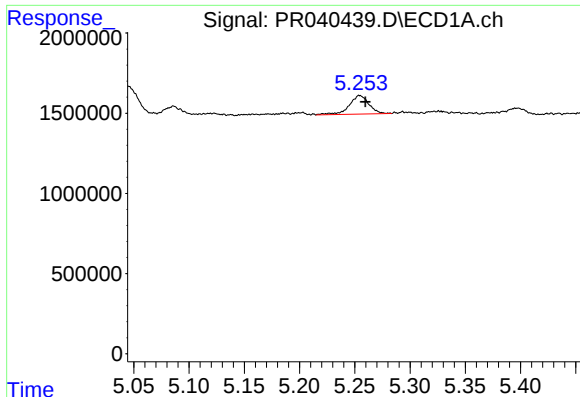
#6 AR-1016-4

R.T.: 5.045 min
Delta R.T.: -0.005 min
Response: 2555776
Conc: 71.51 ng/ml



#6 AR-1016-4

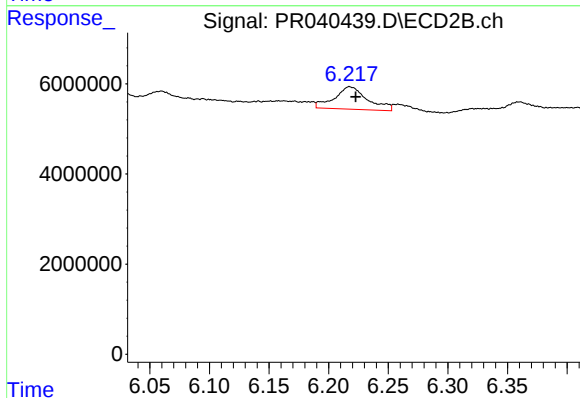
R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

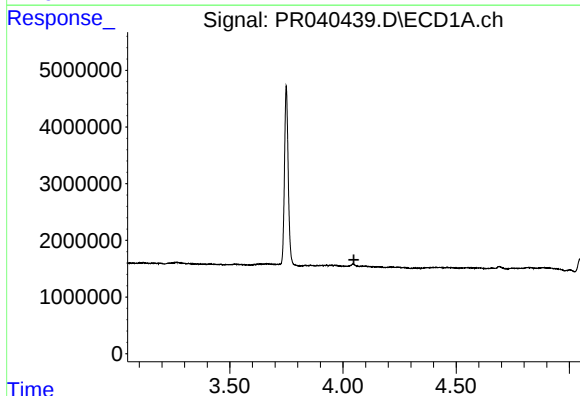
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1431058
Conc: 28.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



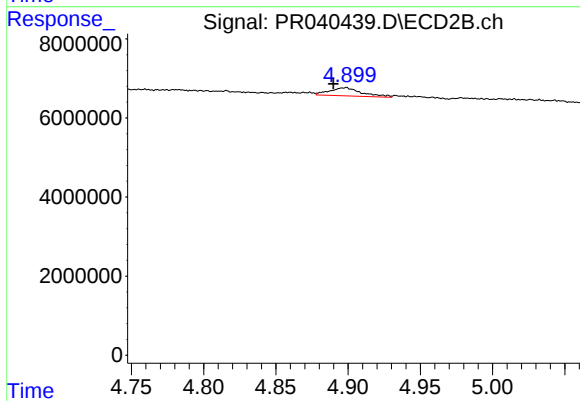
#7 AR-1016-5

R.T.: 6.218 min
Delta R.T.: -0.005 min
Response: 9594334
Conc: 49.36 ng/ml



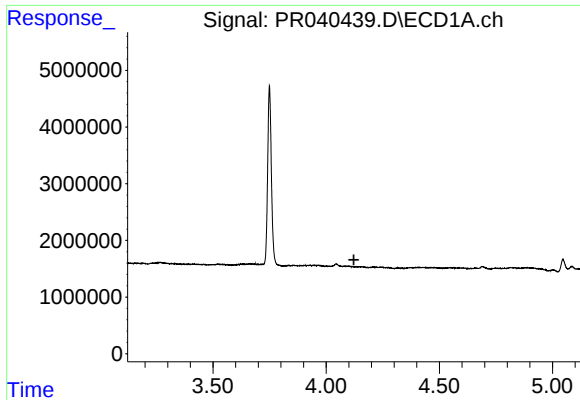
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.



#9 AR-1221-2

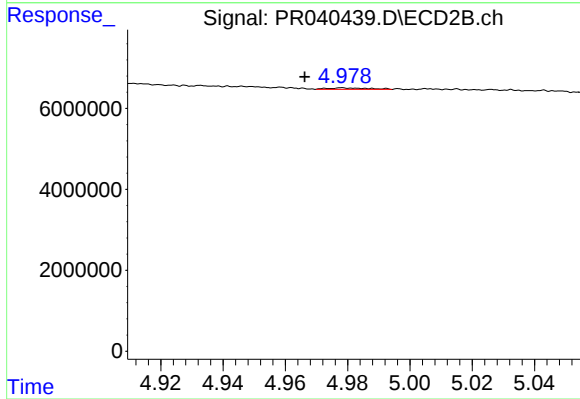
R.T.: 4.899 min
Delta R.T.: 0.009 min
Response: 3201917
Conc: 51.01 ng/ml



#10 AR-1221-3

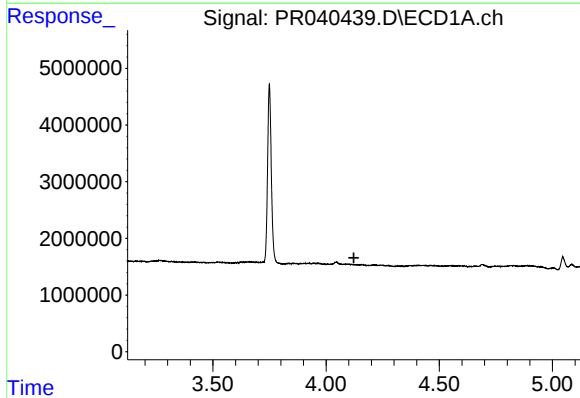
R.T.: 0.000 min
Exp R.T.: 4.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



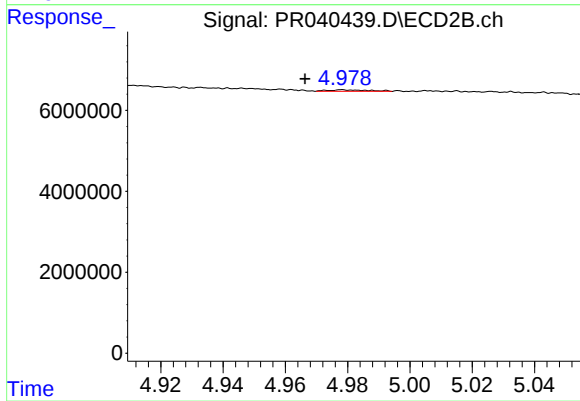
#10 AR-1221-3

R.T.: 4.978 min
Delta R.T.: 0.012 min
Response: 305220
Conc: 1.52 ng/ml



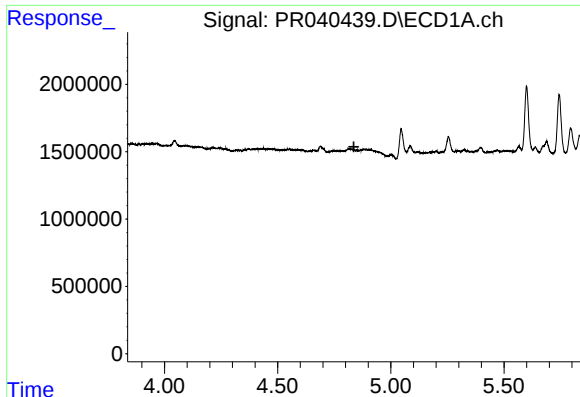
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.123 min
Response: 0
Conc: N.D.



#11 AR-1232-1

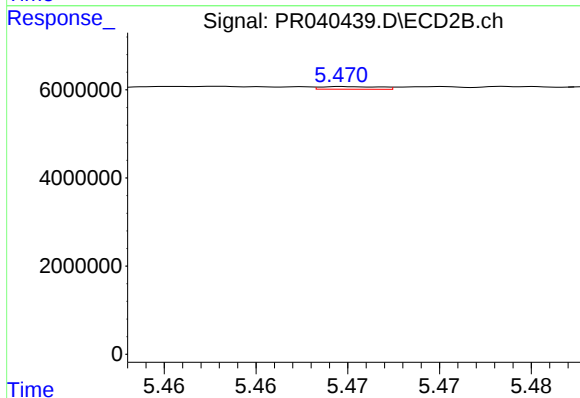
R.T.: 4.978 min
Delta R.T.: 0.012 min
Response: 305220
Conc: 1.47 ng/ml



#12 AR-1232-2

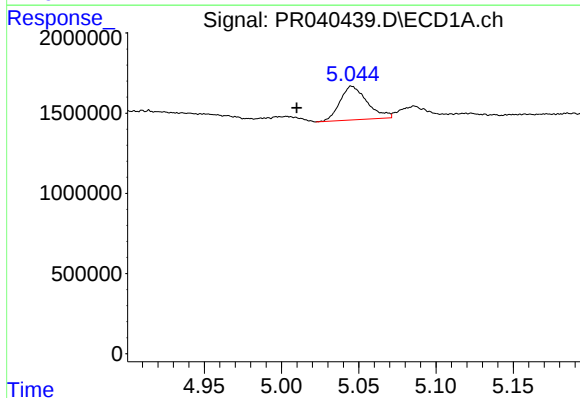
R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



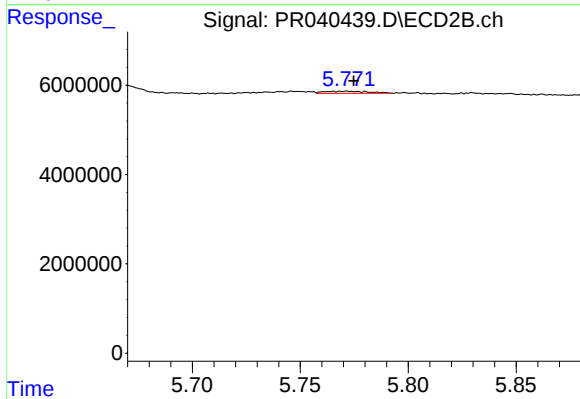
#12 AR-1232-2

R.T.: 5.470 min
Delta R.T.: -0.019 min
Response: 135615
Conc: 1.19 ng/ml



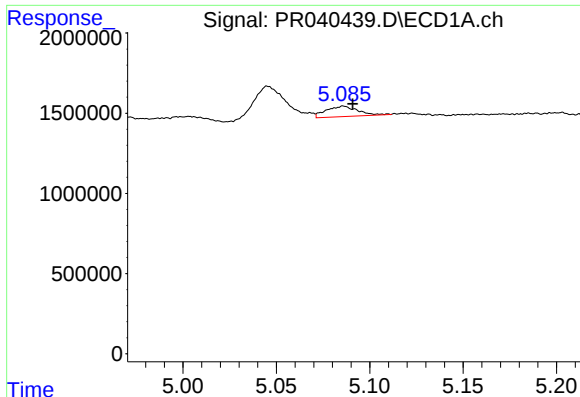
#13 AR-1232-3

R.T.: 5.045 min
Delta R.T.: 0.036 min
Response: 2555776
Conc: 87.55 ng/ml



#13 AR-1232-3

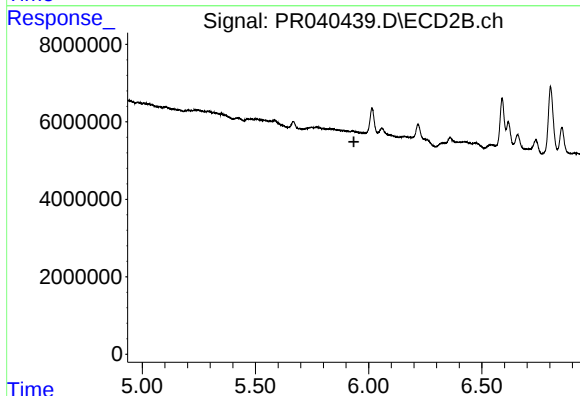
R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 678734
Conc: 2.66 ng/ml



#14 AR-1232-4

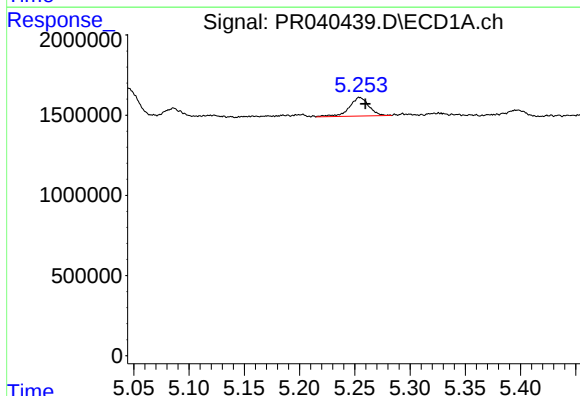
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 776102
Conc: 29.82 ng/ml

Instrument :
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ClientSampleId :
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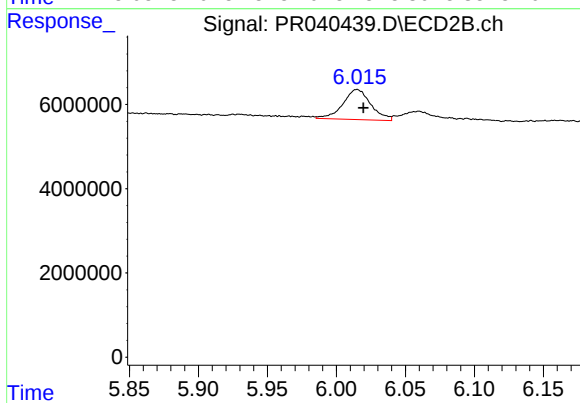
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



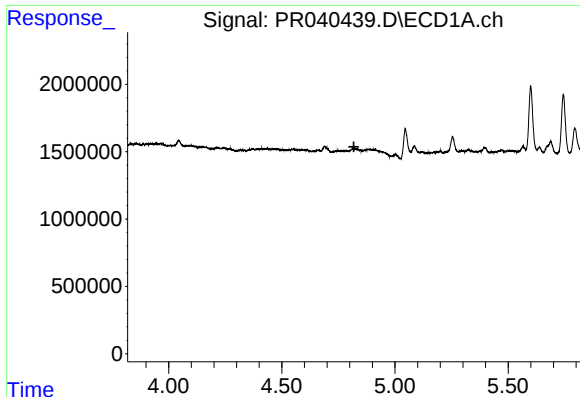
#15 AR-1232-5

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1431058
Conc: 47.35 ng/ml



#15 AR-1232-5

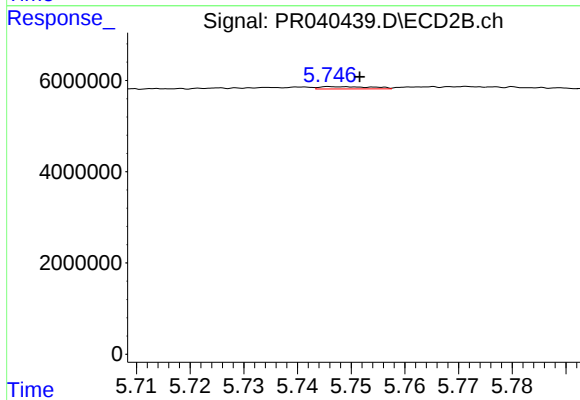
R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 10078426
Conc: 110.84 ng/ml



#16 AR-1242-1

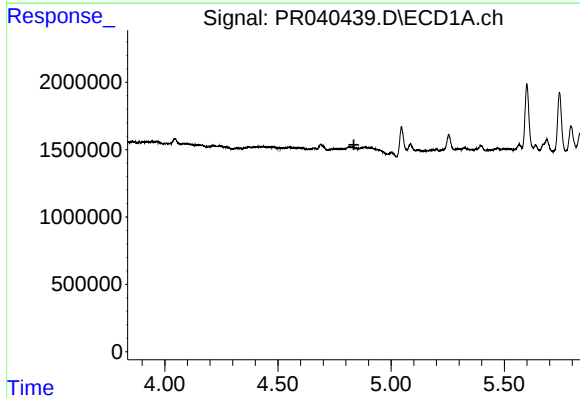
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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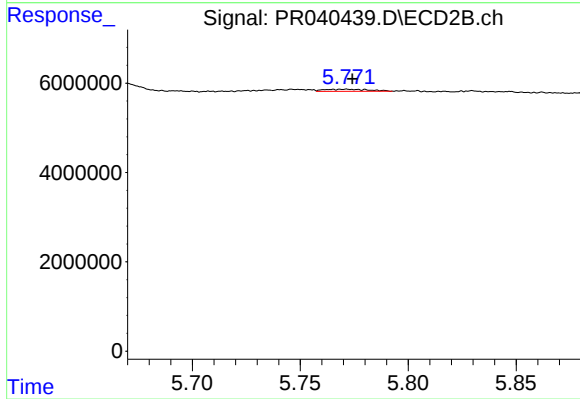
#16 AR-1242-1

R.T.: 5.746 min
Delta R.T.: -0.005 min
Response: 348880
Conc: 1.44 ng/ml



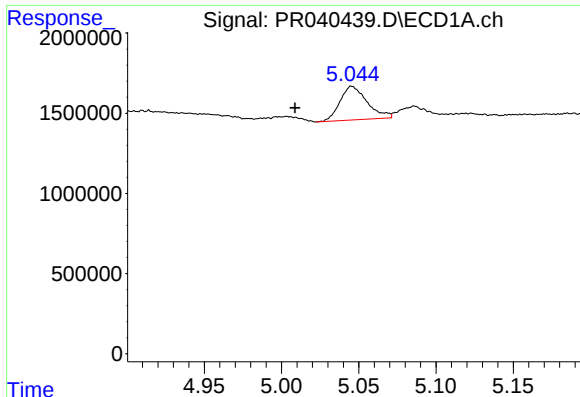
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.836 min
Response: 0
Conc: N.D.



#17 AR-1242-2

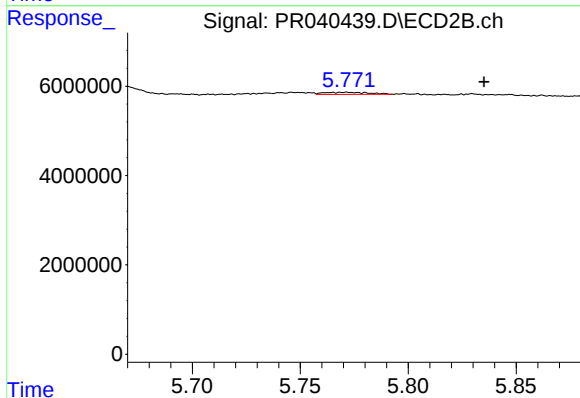
R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 678734
Conc: 1.83 ng/ml



#18 AR-1242-3

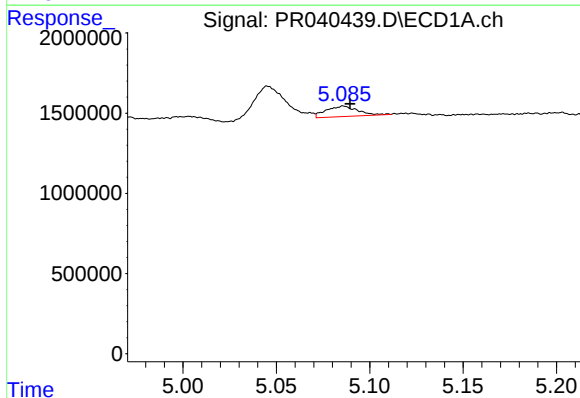
R.T.: 5.045 min
Delta R.T.: 0.037 min
Response: 2555776
Conc: 60.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



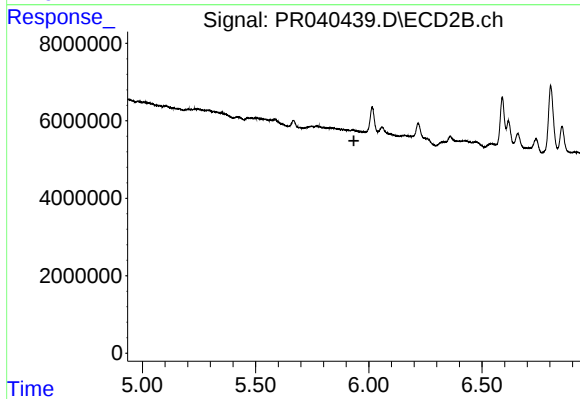
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: -0.064 min
Response: 678734
Conc: 2.99 ng/ml



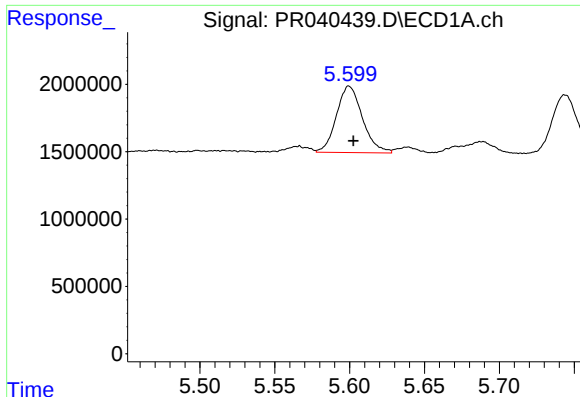
#19 AR-1242-4

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 776102
Conc: 18.77 ng/ml



#19 AR-1242-4

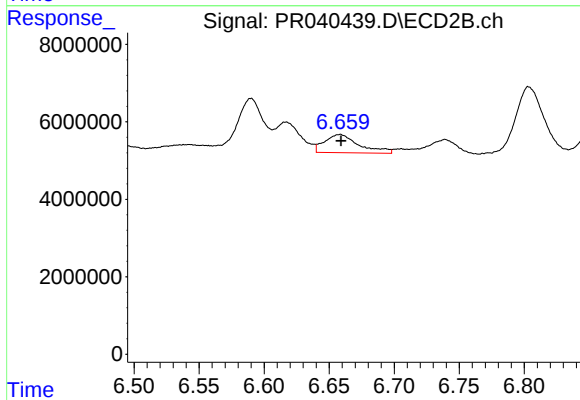
R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#20 AR-1242-5

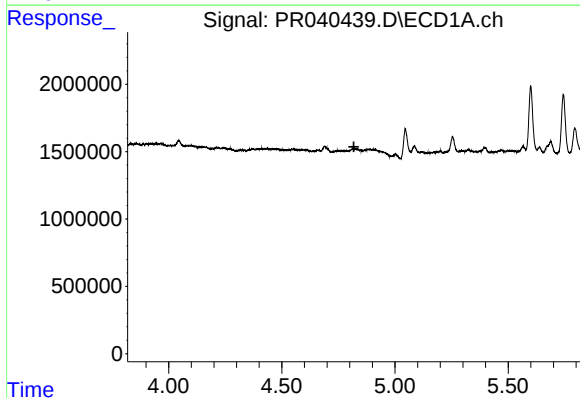
R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 5975082
Conc: 97.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



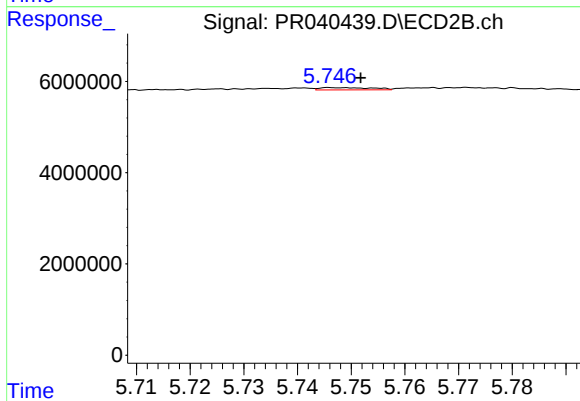
#20 AR-1242-5

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 8653697
Conc: 37.60 ng/ml



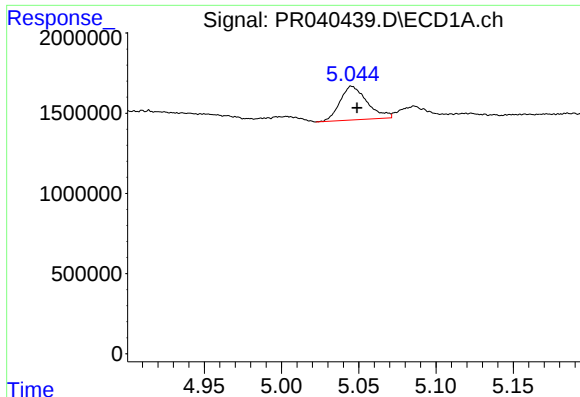
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#21 AR-1248-1

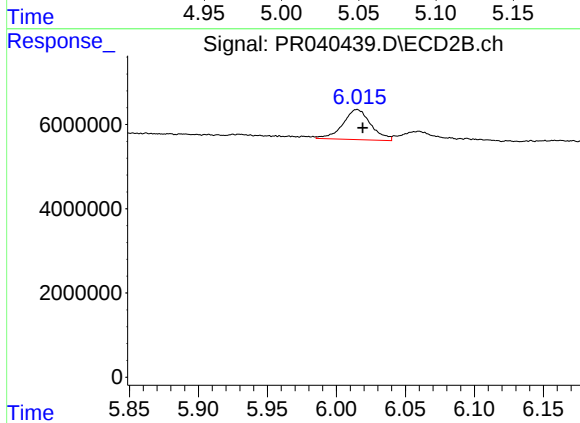
R.T.: 5.746 min
Delta R.T.: -0.006 min
Response: 348880
Conc: 2.08 ng/ml



#22 AR-1248-2

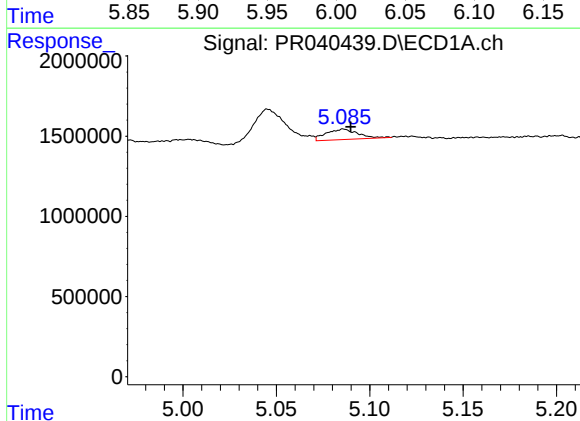
R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 2555776
Conc: 47.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



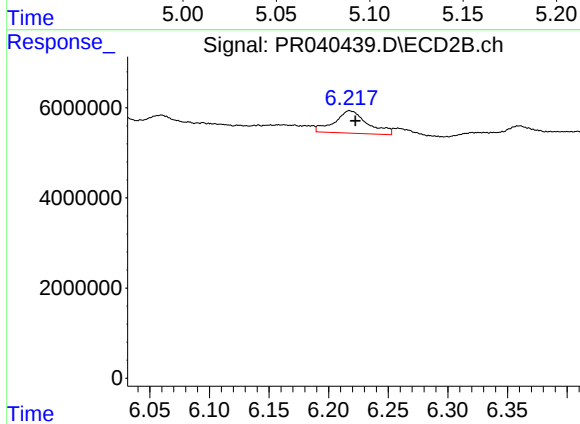
#22 AR-1248-2

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 10078426
Conc: 41.14 ng/ml



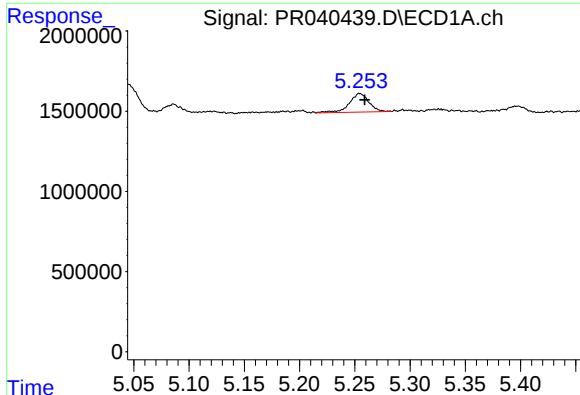
#23 AR-1248-3

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 776102
Conc: 13.87 ng/ml



#23 AR-1248-3

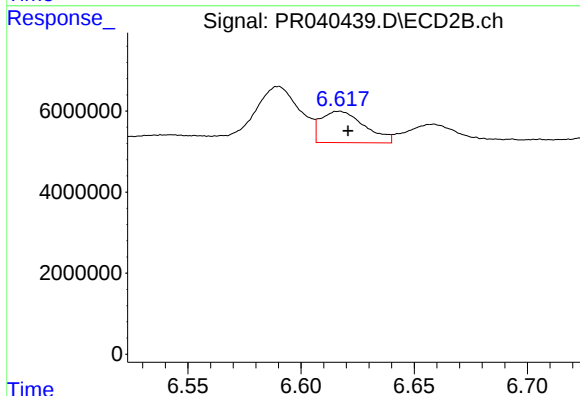
R.T.: 6.218 min
Delta R.T.: -0.005 min
Response: 9594334
Conc: 33.39 ng/ml



#24 AR-1248-4

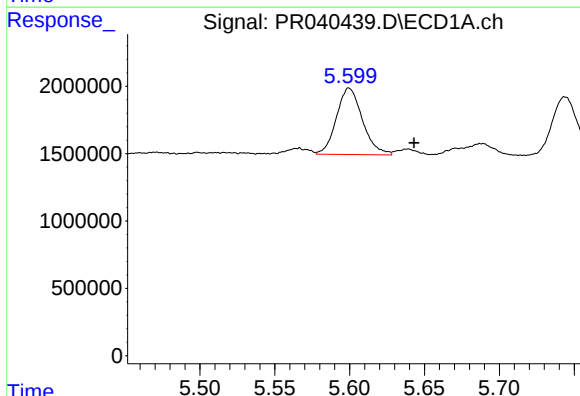
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1431058
Conc: 20.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



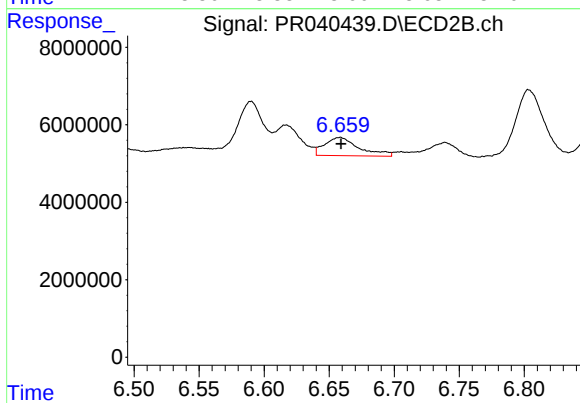
#24 AR-1248-4

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 10366670
Conc: 28.88 ng/ml



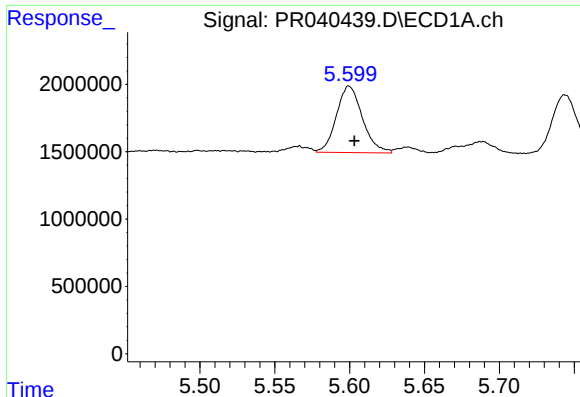
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: -0.044 min
Response: 5975082
Conc: 77.31 ng/ml



#25 AR-1248-5

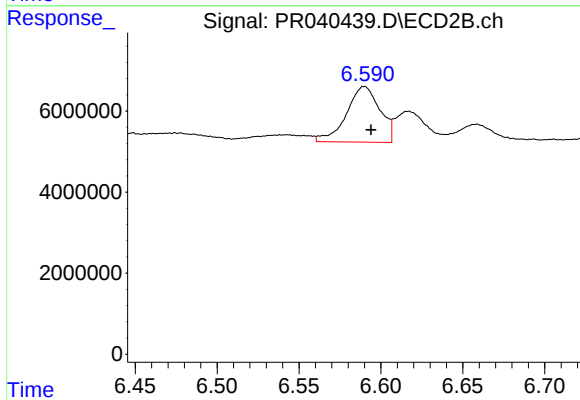
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 8653697
Conc: 25.00 ng/ml



#26 AR-1254-1

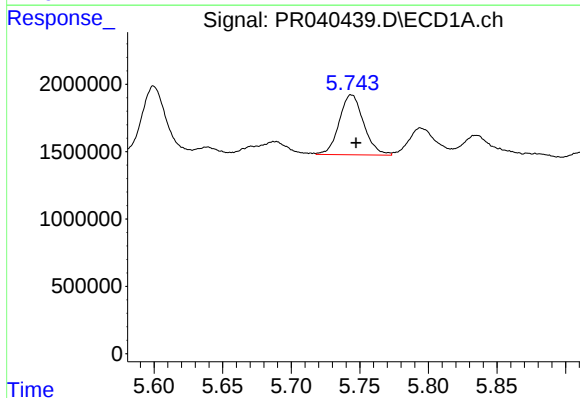
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 5975082
Conc: 44.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



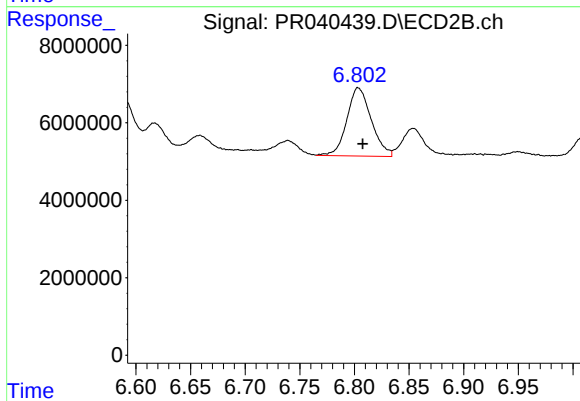
#26 AR-1254-1

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 19493239
Conc: 49.38 ng/ml



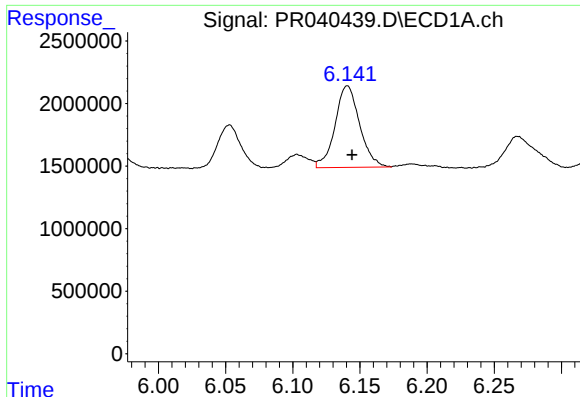
#27 AR-1254-2

R.T.: 5.744 min
Delta R.T.: -0.004 min
Response: 5529701
Conc: 46.35 ng/ml



#27 AR-1254-2

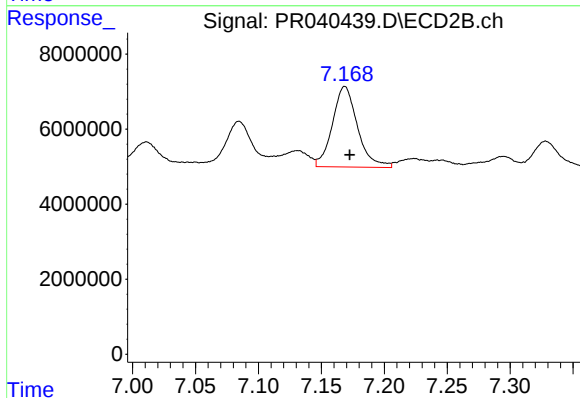
R.T.: 6.803 min
Delta R.T.: -0.004 min
Response: 27366275
Conc: 43.29 ng/ml



#28 AR-1254-3

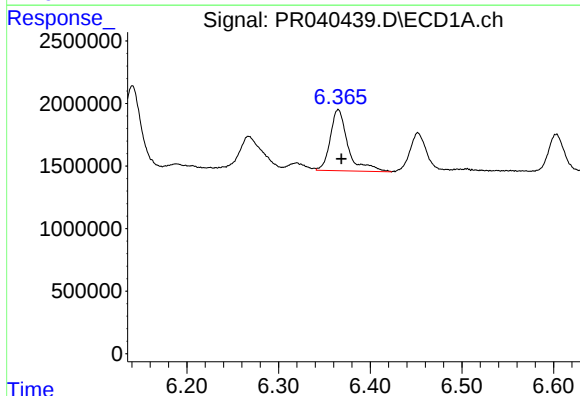
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 8309724
Conc: 39.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



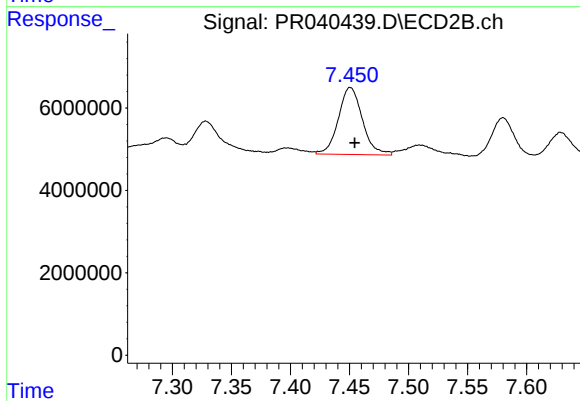
#28 AR-1254-3

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 29879495
Conc: 41.36 ng/ml



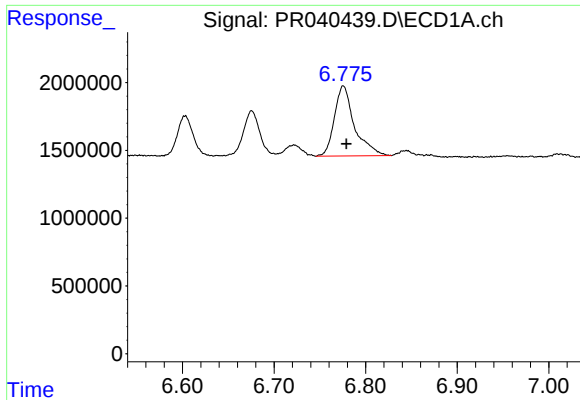
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 6570338
Conc: 39.86 ng/ml



#29 AR-1254-4

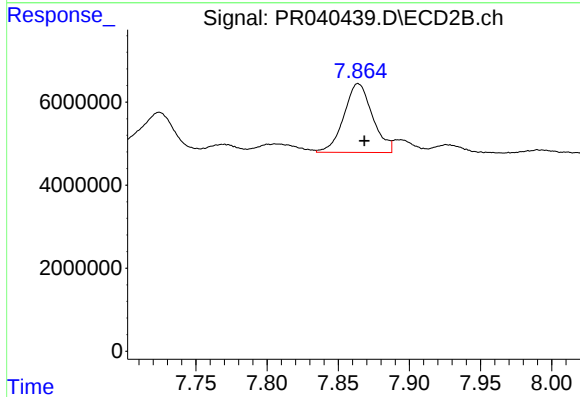
R.T.: 7.451 min
Delta R.T.: -0.004 min
Response: 23009552
Conc: 41.90 ng/ml



#30 AR-1254-5

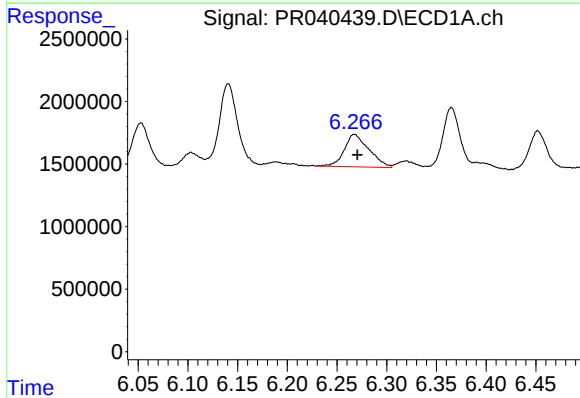
R.T.: 6.776 min
Delta R.T.: -0.004 min
Response: 7890860
Conc: 39.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



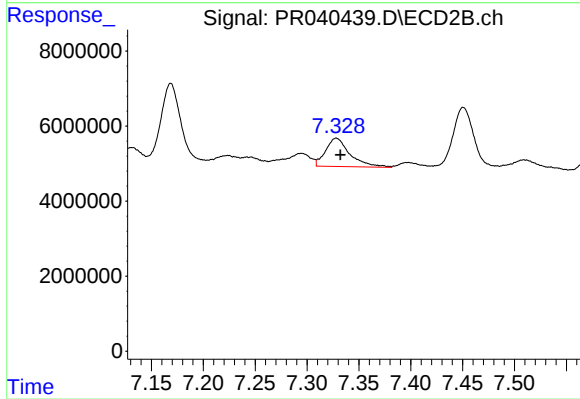
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 23255401
Conc: 38.97 ng/ml



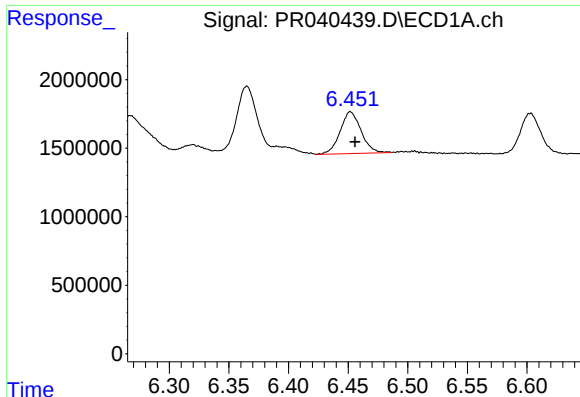
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 4476551
Conc: 39.69 ng/ml



#31 AR-1260-1

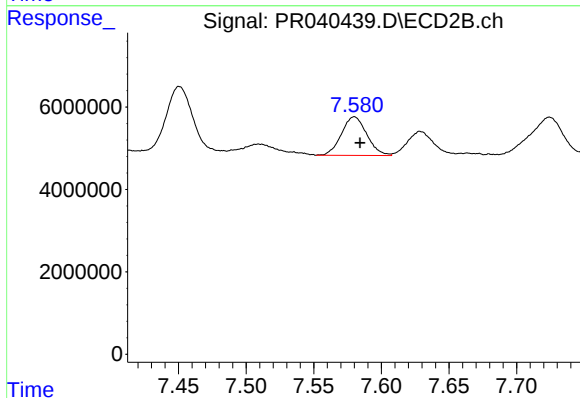
R.T.: 7.328 min
Delta R.T.: -0.004 min
Response: 12341698
Conc: 29.98 ng/ml



#32 AR-1260-2

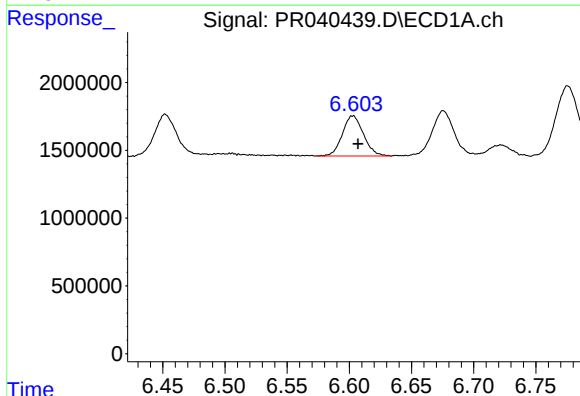
R.T.: 6.452 min
Delta R.T.: -0.004 min
Response: 3741863
Conc: 25.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



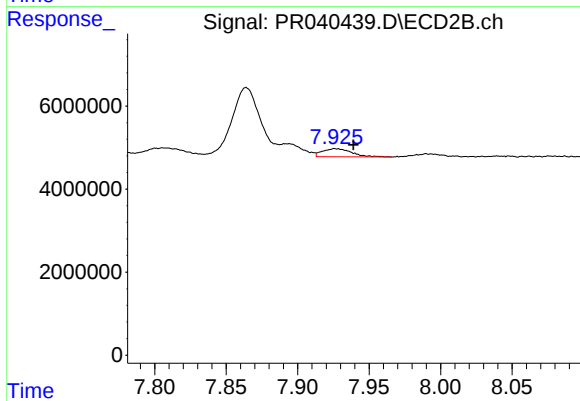
#32 AR-1260-2

R.T.: 7.580 min
Delta R.T.: -0.004 min
Response: 12207326
Conc: 24.02 ng/ml



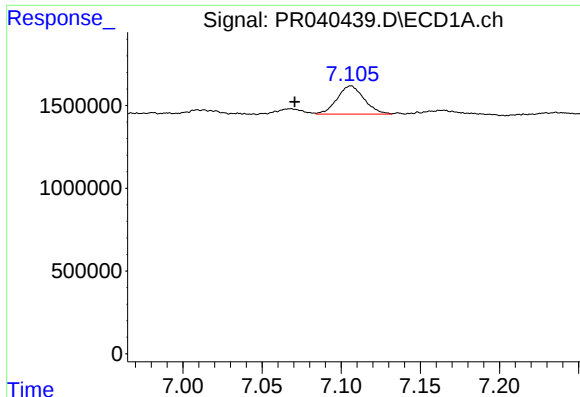
#33 AR-1260-3

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 3506513
Conc: 26.12 ng/ml



#33 AR-1260-3

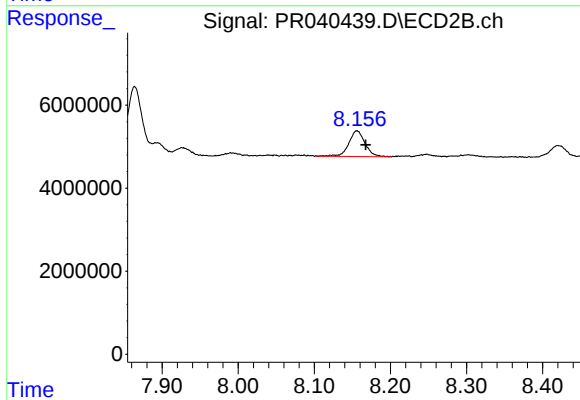
R.T.: 7.926 min
Delta R.T.: -0.013 min
Response: 2810184
Conc: 6.87 ng/ml



#34 AR-1260-4

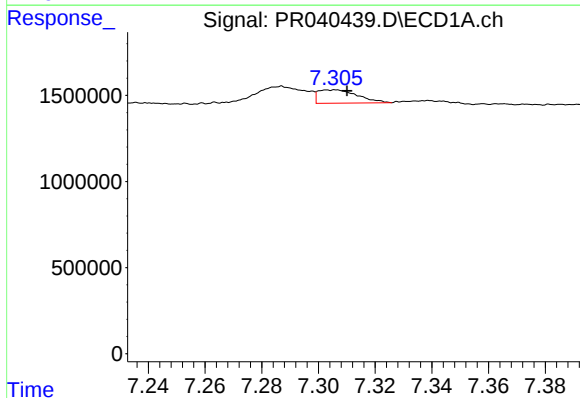
R.T.: 7.106 min
Delta R.T.: 0.036 min
Response: 2033264
Conc: 16.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



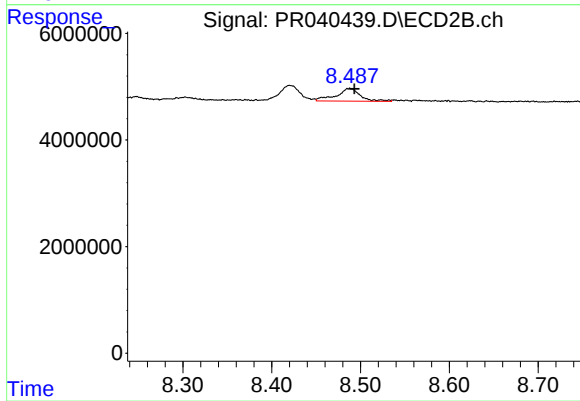
#34 AR-1260-4

R.T.: 8.156 min
Delta R.T.: -0.012 min
Response: 9294364
Conc: 19.49 ng/ml



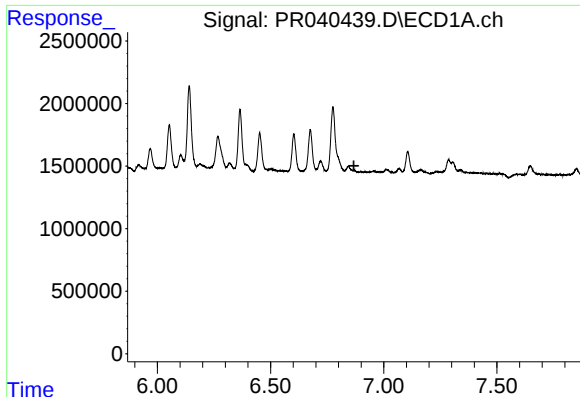
#35 AR-1260-5

R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 746677
Conc: 2.37 ng/ml



#35 AR-1260-5

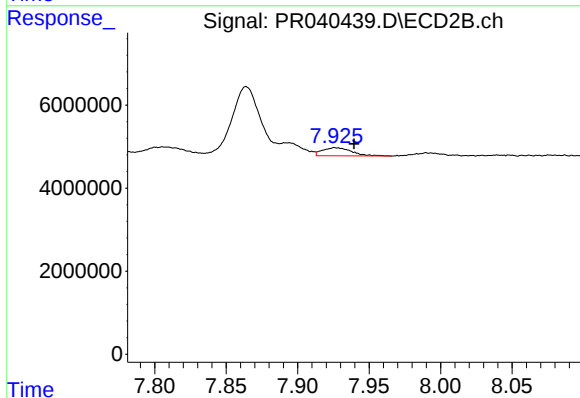
R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 4509041
Conc: 4.35 ng/ml



#36 AR-1262-1

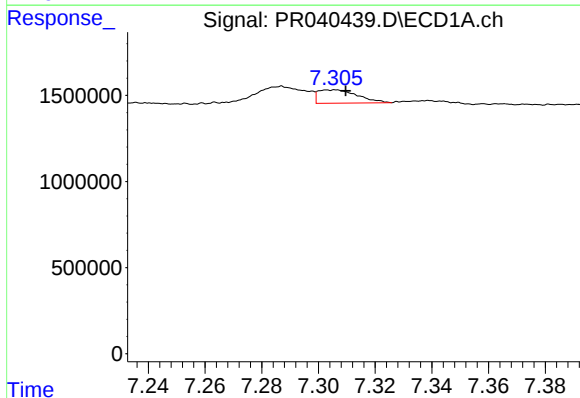
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



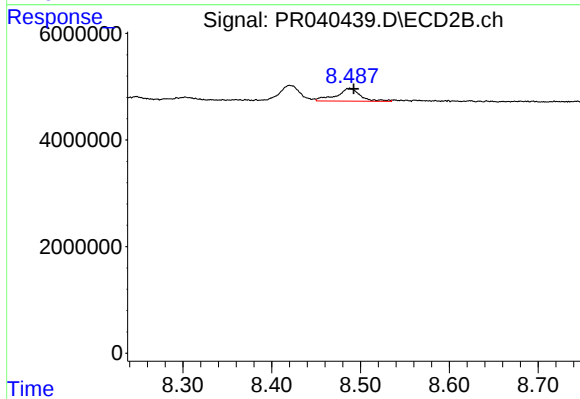
#36 AR-1262-1

R.T.: 7.926 min
Delta R.T.: -0.013 min
Response: 2810184
Conc: 4.70 ng/ml



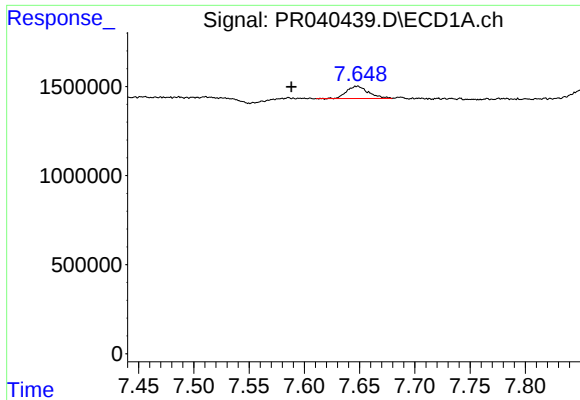
#37 AR-1262-2

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 746677
Conc: 2.12 ng/ml



#37 AR-1262-2

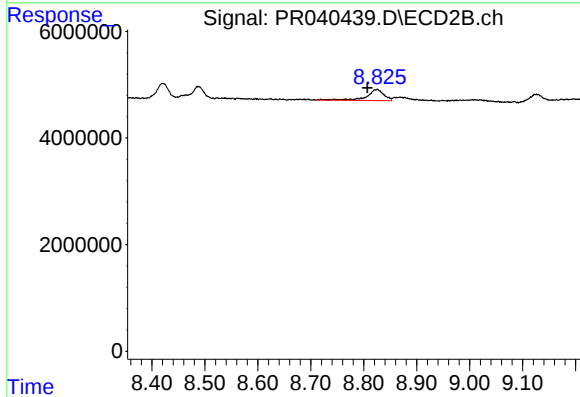
R.T.: 8.488 min
Delta R.T.: -0.005 min
Response: 4509041
Conc: 3.79 ng/ml



#38 AR-1262-3

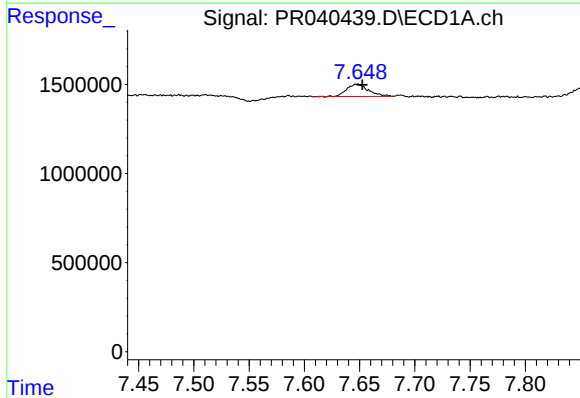
R.T.: 7.649 min
Delta R.T.: 0.060 min
Response: 947776
Conc: 6.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



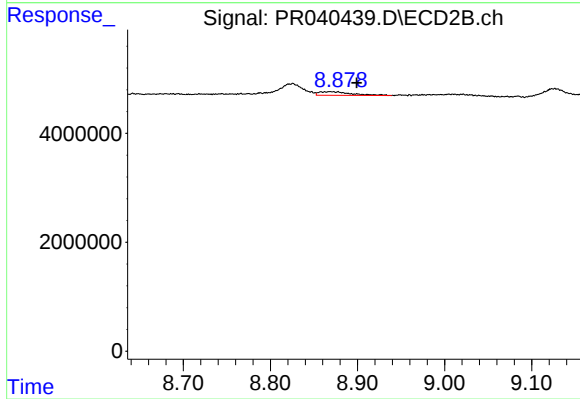
#38 AR-1262-3

R.T.: 8.826 min
Delta R.T.: 0.019 min
Response: 4746469
Conc: 5.86 ng/ml



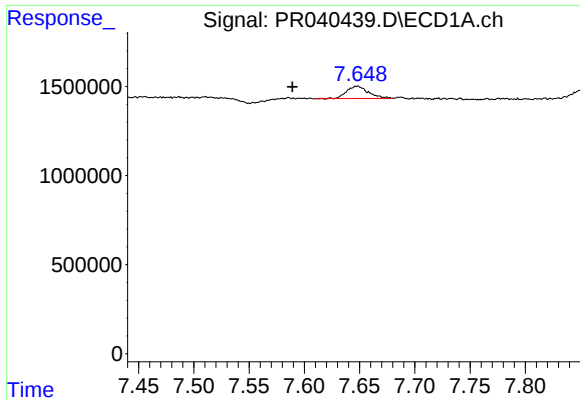
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 947776
Conc: 3.57 ng/ml



#39 AR-1262-4

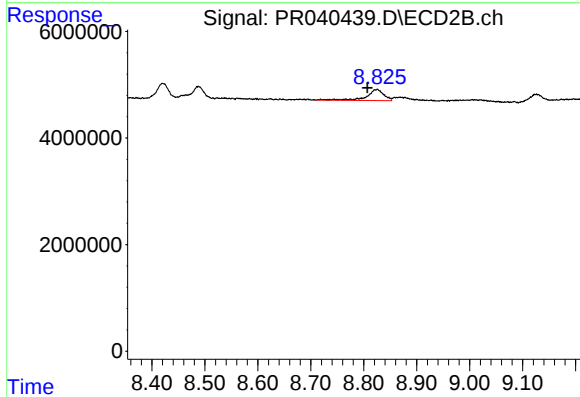
R.T.: 8.868 min
Delta R.T.: -0.031 min
Response: 1665566
Conc: 2.68 ng/ml



#41 AR-1268-1

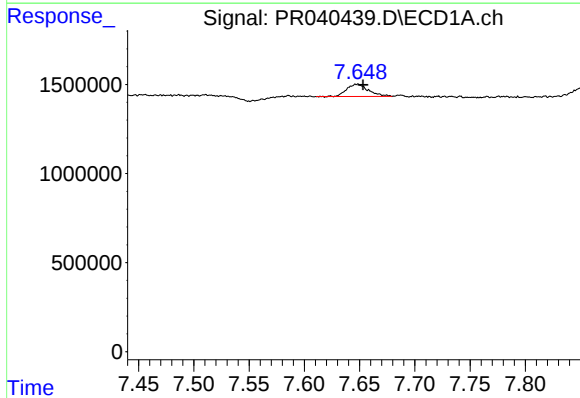
R.T.: 7.649 min
Delta R.T.: 0.059 min
Response: 947776
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



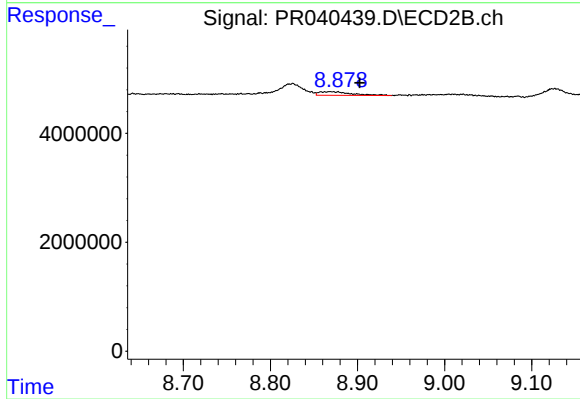
#41 AR-1268-1

R.T.: 8.826 min
Delta R.T.: 0.019 min
Response: 4746469
Conc: 3.63 ng/ml



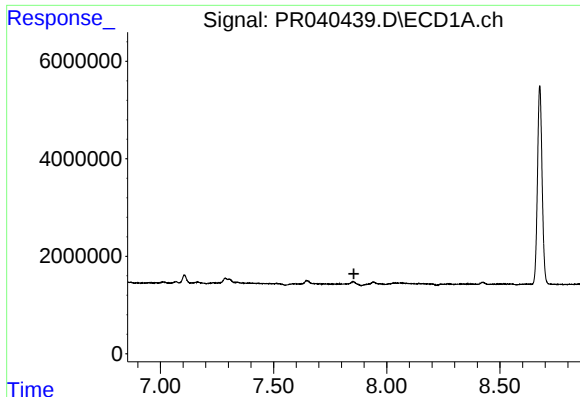
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.005 min
Response: 947776
Conc: 2.77 ng/ml



#42 AR-1268-2

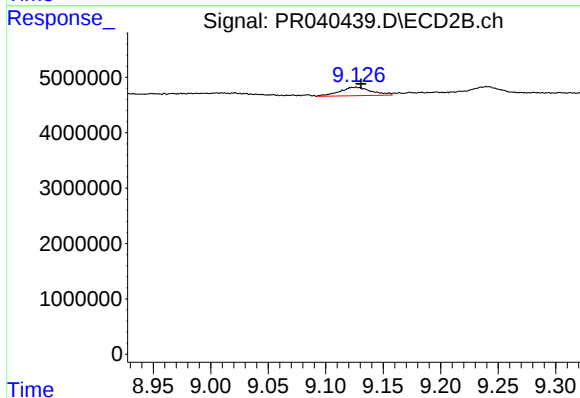
R.T.: 8.868 min
Delta R.T.: -0.034 min
Response: 1665566
Conc: 1.34 ng/ml



#43 AR-1268-3

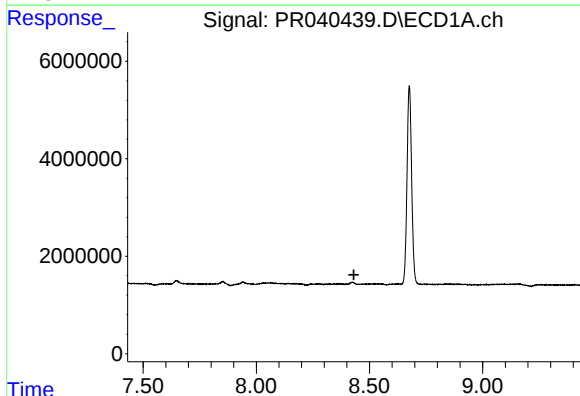
R.T.: 0.000 min
Exp R.T.: 7.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248ICC500



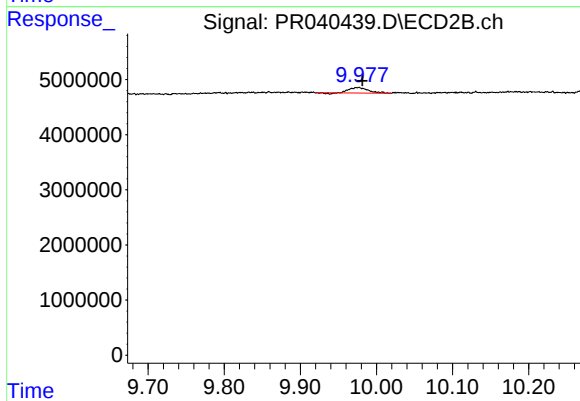
#43 AR-1268-3

R.T.: 9.126 min
Delta R.T.: -0.004 min
Response: 2928598
Conc: 2.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.431 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.977 min
Delta R.T.: -0.005 min
Response: 1687933
Conc: 0.43 ng/ml