

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041219\
 Data File : PR037108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 11:43
 Operator : SM\SJ
 Sample : K2334-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 03:57:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 03 03:09:33 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...	4.389	3.459	24003084	93819460	15.066	16.016
2)	SA Decachlor...	10.031	8.318	19306012	81579551	10.305	10.220
Target Compounds							
3)	L1 AR-1016-1	0.000	4.500	0	6180303	N.D.	25.592 #
4)	L1 AR-1016-2	0.000	4.500	0	6180303	N.D.	15.831 #
5)	L1 AR-1016-3	0.000	4.717	0	23617173	N.D.	121.078 #
6)	L1 AR-1016-4	0.000	4.717	0	23617173	N.D.	155.526 #
7)	L1 AR-1016-5	0.000	4.981	0	47297046	N.D.	227.580 #
10)	L2 AR-1221-3	0.000	3.882	0	5628238	N.D.	37.385 #
11)	L3 AR-1232-1	0.000	3.882	0	5628238	N.D.	59.528 #
12)	L3 AR-1232-2	0.000	4.500	0	6180303	N.D.	51.742 #
13)	L3 AR-1232-3	0.000	4.717	0	23617173	N.D.	411.043 #
14)	L3 AR-1232-4	0.000	4.803	0	17883492	N.D.	361.524 #
15)	L3 AR-1232-5	0.000	4.981	0	47297046	N.D.	825.252 #
16)	L4 AR-1242-1	0.000	4.500	0	6180303	N.D.	54.087 #
17)	L4 AR-1242-2	0.000	4.500	0	6180303	N.D.	32.496 #
18)	L4 AR-1242-3	0.000	4.717	0	23617173	N.D.	247.009 #
19)	L4 AR-1242-4	0.000	4.803	0	17883492	N.D.	198.071 #
20)	L4 AR-1242-5	6.492	5.288	4097428	30517399	133.348	221.052 #
21)	L5 AR-1248-1	0.000	4.500	0	6180303	N.D.	63.640 #
22)	L5 AR-1248-2	0.000	4.717	0	23617173	N.D.	174.894 #
23)	L5 AR-1248-3	0.000	4.803	0	17883492	N.D.	128.498 #
24)	L5 AR-1248-4	6.398	4.981	9568885	47297046	178.085	268.182 #
25)	L5 AR-1248-5	6.492	5.311	4097428	7873220	79.066	40.498 #
26)	L6 AR-1254-1	6.398	5.288	9568885	30517399	165.095	92.790 #
27)	L6 AR-1254-2	6.614	5.434	6399520	19476652	68.531	65.787
28)	L6 AR-1254-3	6.980	5.827	11281127	69616570	108.611	136.848 #
29)	L6 AR-1254-4	7.263	6.053	8117098	27437960	103.878	71.598 #
30)	L6 AR-1254-5	7.680	6.461	14183355	78688062	138.830	154.767
31)	L7 AR-1260-1	7.139	5.954	9127787	36320650	89.560	83.042
32)	L7 AR-1260-2	7.394	6.140	6445402	40739782	52.527	62.286
33)	L7 AR-1260-3	0.000	6.288	0	30448377	N.D.	57.570 #
34)	L7 AR-1260-4	7.970	6.752	5771014	5513614	52.079	11.823 #
35)	L7 AR-1260-5	0.000	6.993	0	15812343	N.D.	11.876 #
36)	L8 AR-1262-1	0.000	6.552	0	4863642	N.D.	17.743 #
37)	L8 AR-1262-2	0.000	6.993	0	15812343	N.D.	11.537 #
38)	L8 AR-1262-3	0.000	7.270	0	3994515	N.D.	7.318 #
39)	L8 AR-1262-4	0.000	7.333	0	19270447	N.D.	20.978 #
40)	L8 AR-1262-5	0.000	7.825	0	7394788	N.D.	18.410 #
41)	L9 AR-1268-1	0.000	7.270	0	3994515	N.D.	2.699 #
42)	L9 AR-1268-2	0.000	7.333	0	19270447	N.D.	15.350 #
43)	L9 AR-1268-3	0.000	7.532	0	5480110	N.D.	5.634 #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	0.000	7.825	0	7394788	N.D.	17.024 #
45) L9	AR-1268-5	0.000	8.091	0	3670823	N.D.	1.216 #

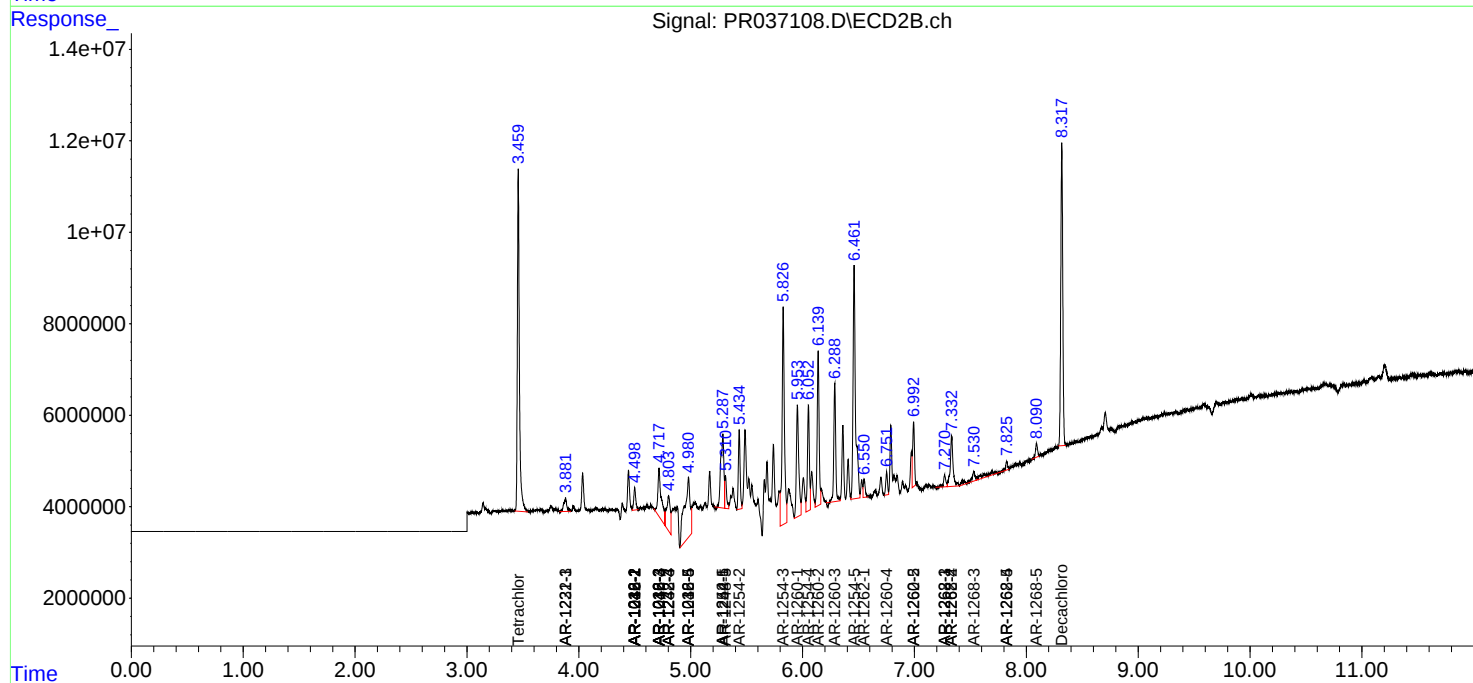
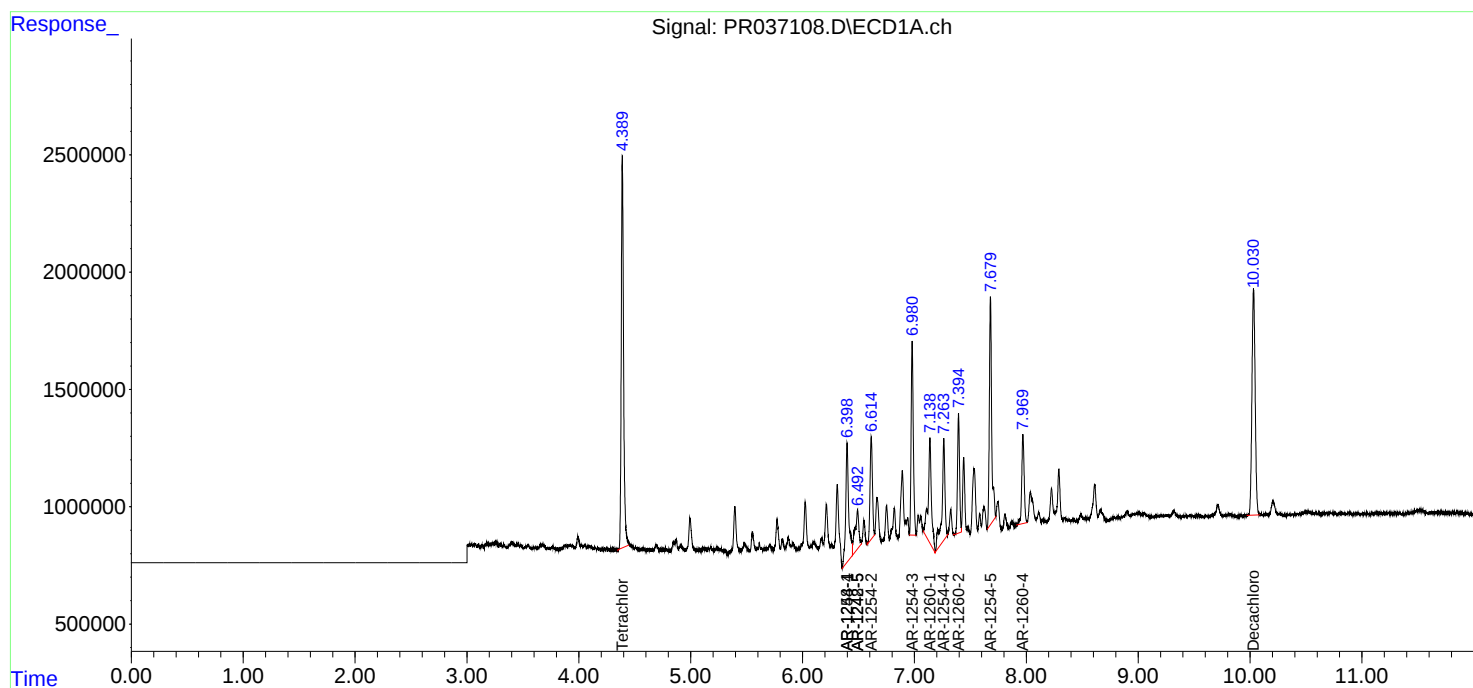
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

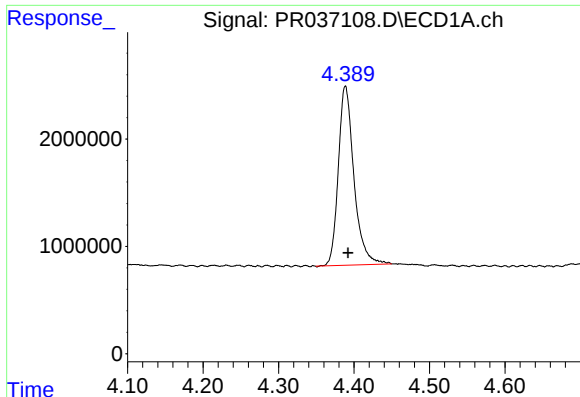
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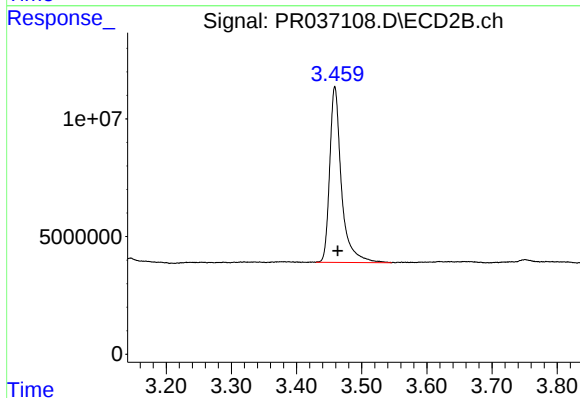




#1 Tetrachloro-m-xylene

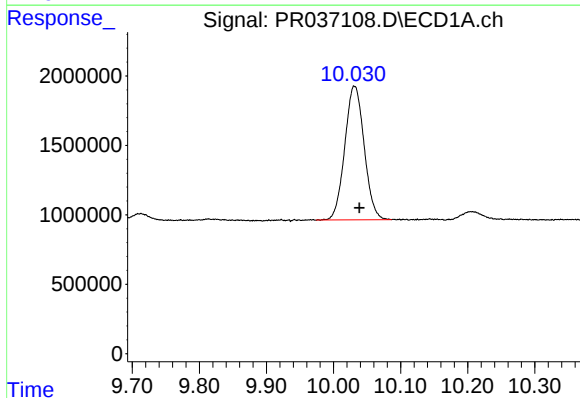
R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 24003084
Conc: 15.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



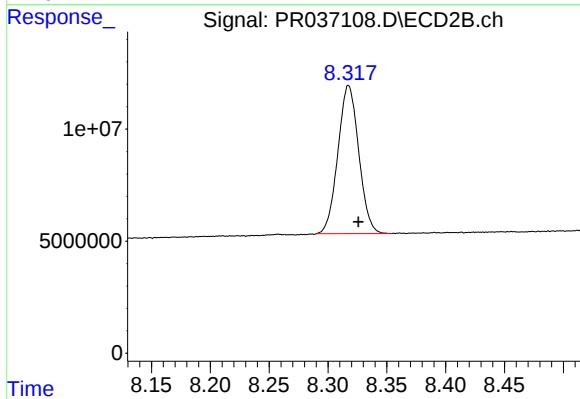
#1 Tetrachloro-m-xylene

R.T.: 3.459 min
Delta R.T.: -0.005 min
Response: 93819460
Conc: 16.02 ng/ml



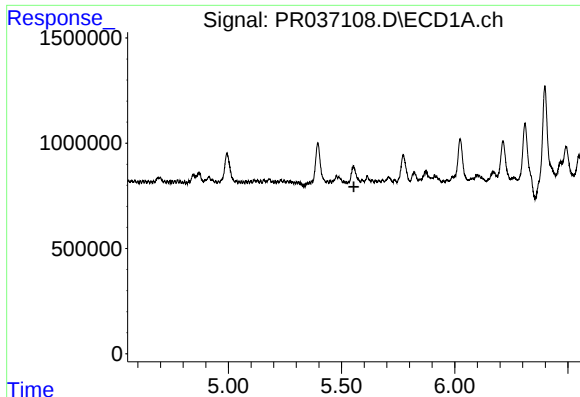
#2 Decachlorobiphenyl

R.T.: 10.031 min
Delta R.T.: -0.007 min
Response: 19306012
Conc: 10.30 ng/ml



#2 Decachlorobiphenyl

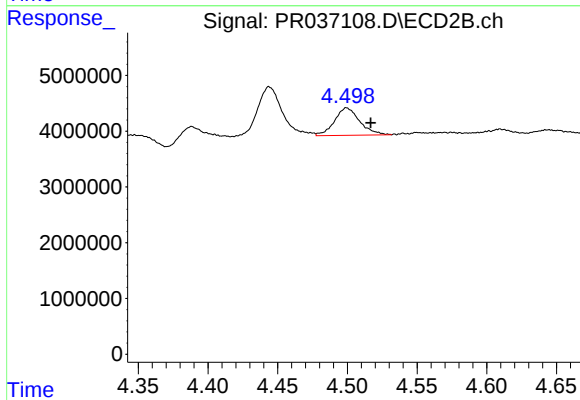
R.T.: 8.318 min
Delta R.T.: -0.008 min
Response: 81579551
Conc: 10.22 ng/ml



#3 AR-1016-1

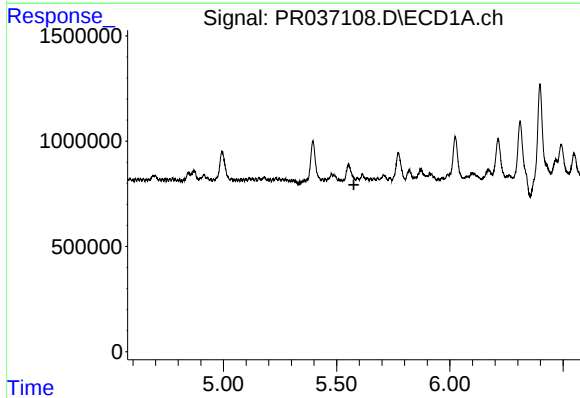
R.T.: 0.000 min
Exp R.T.: 5.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



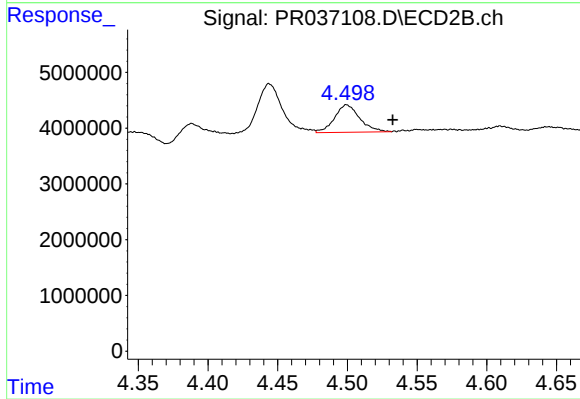
#3 AR-1016-1

R.T.: 4.500 min
Delta R.T.: -0.017 min
Response: 6180303
Conc: 25.59 ng/ml



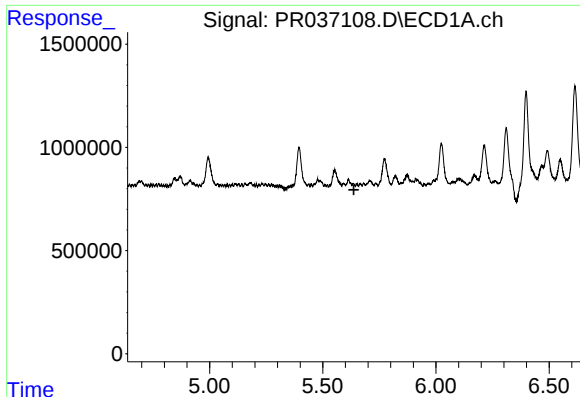
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.



#4 AR-1016-2

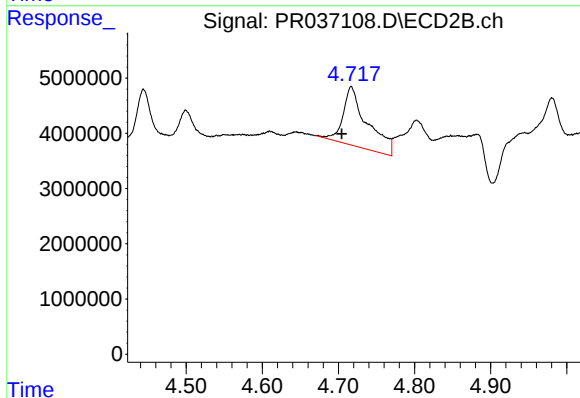
R.T.: 4.500 min
Delta R.T.: -0.033 min
Response: 6180303
Conc: 15.83 ng/ml



#5 AR-1016-3

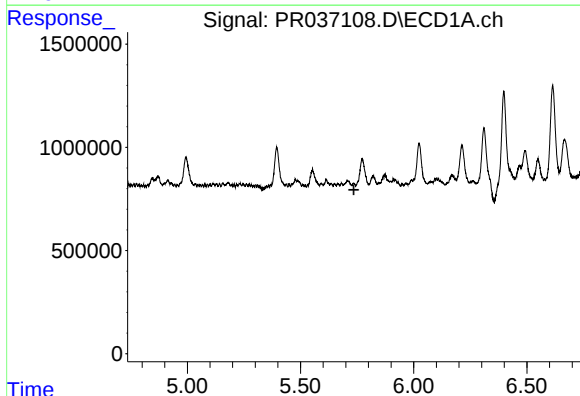
R.T.: 0.000 min
Exp R.T.: 5.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



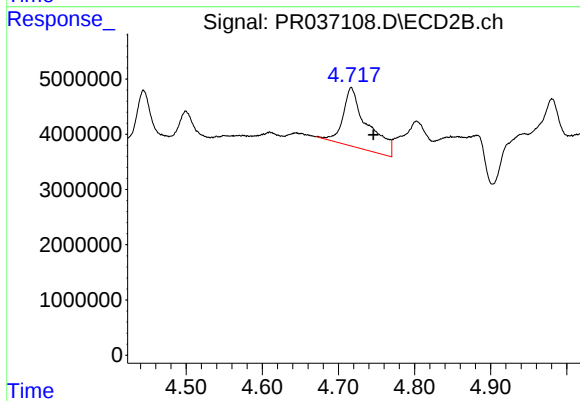
#5 AR-1016-3

R.T.: 4.717 min
Delta R.T.: 0.012 min
Response: 23617173
Conc: 121.08 ng/ml



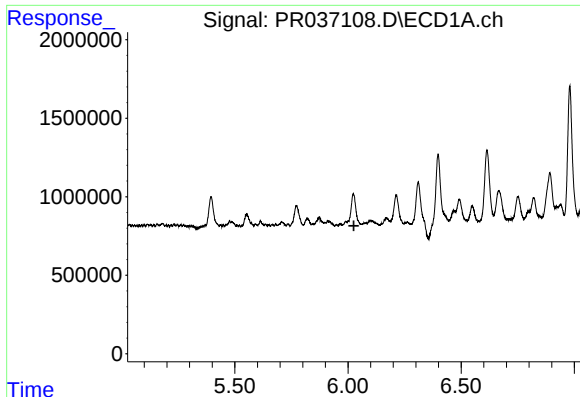
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.736 min
Response: 0
Conc: N.D.



#6 AR-1016-4

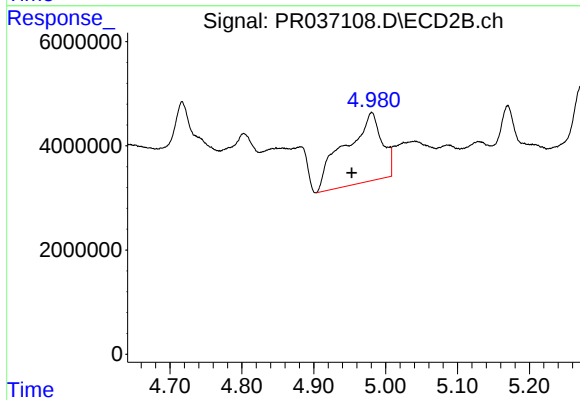
R.T.: 4.717 min
Delta R.T.: -0.029 min
Response: 23617173
Conc: 155.53 ng/ml



#7 AR-1016-5

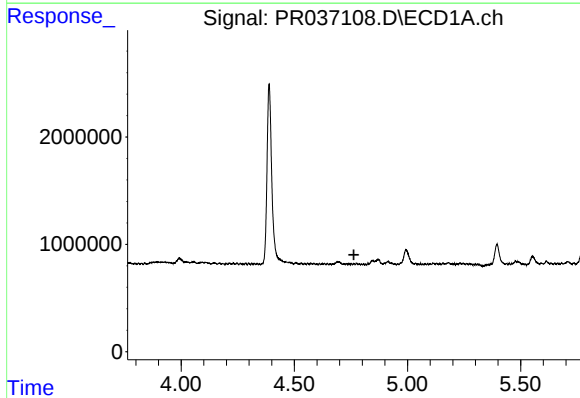
R.T.: 0.000 min
Exp R.T.: 6.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



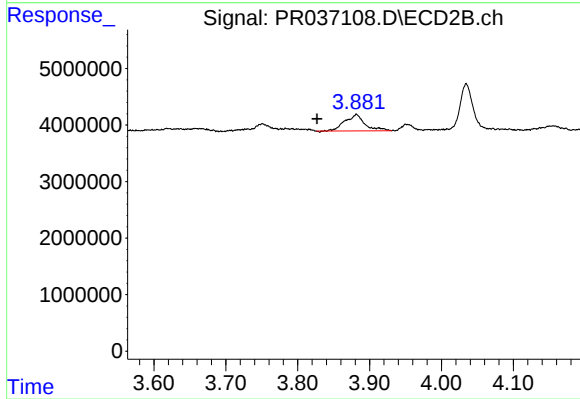
#7 AR-1016-5

R.T.: 4.981 min
Delta R.T.: 0.028 min
Response: 47297046
Conc: 227.58 ng/ml



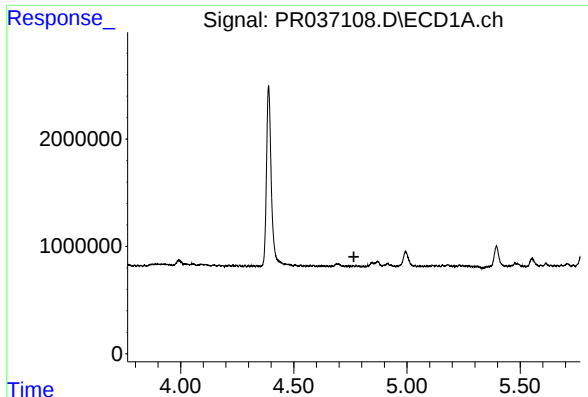
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.763 min
Response: 0
Conc: N.D.



#10 AR-1221-3

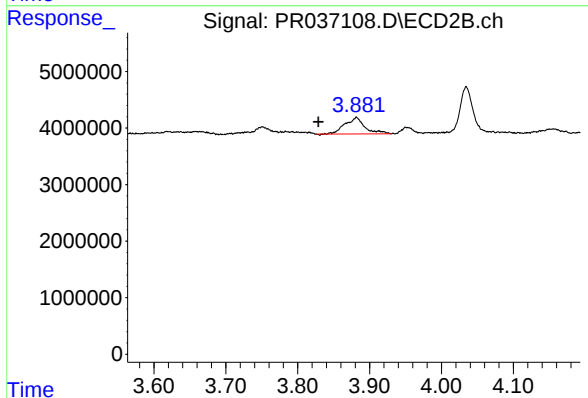
R.T.: 3.882 min
Delta R.T.: 0.055 min
Response: 5628238
Conc: 37.39 ng/ml



#11 AR-1232-1

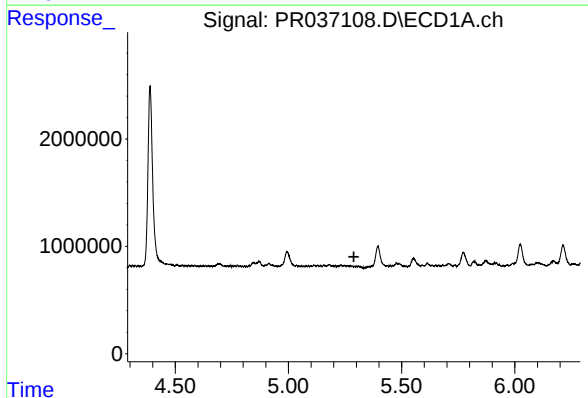
R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



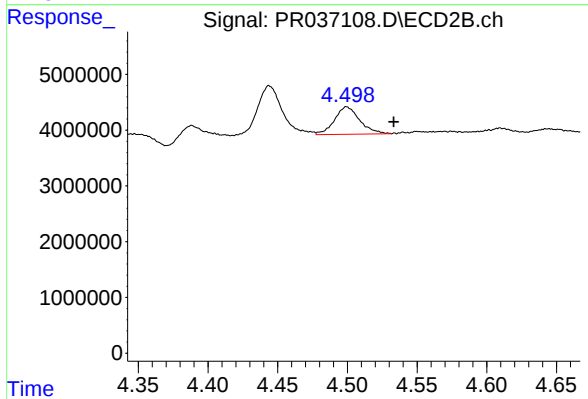
#11 AR-1232-1

R.T.: 3.882 min
Delta R.T.: 0.053 min
Response: 5628238
Conc: 59.53 ng/ml



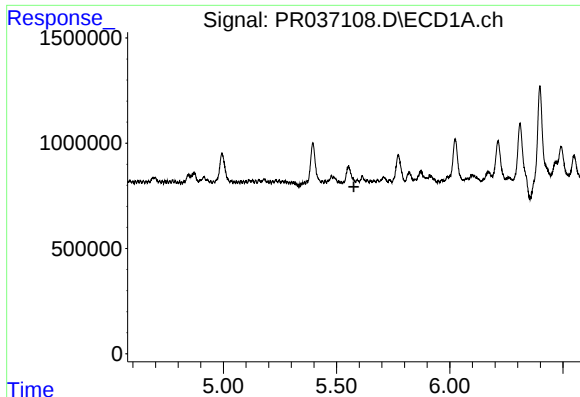
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.289 min
Response: 0
Conc: N.D.



#12 AR-1232-2

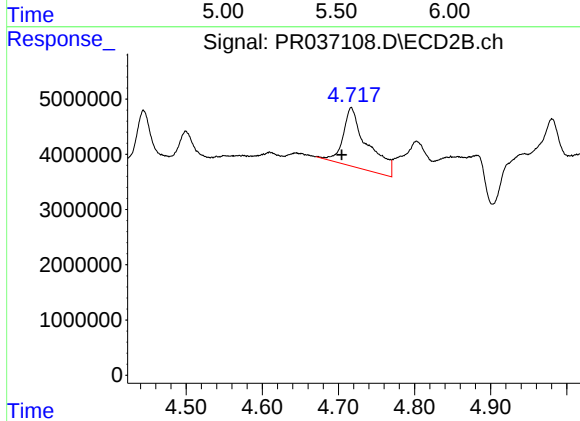
R.T.: 4.500 min
Delta R.T.: -0.034 min
Response: 6180303
Conc: 51.74 ng/ml



#13 AR-1232-3

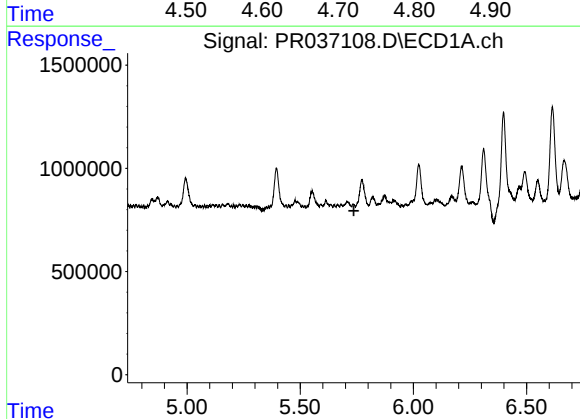
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



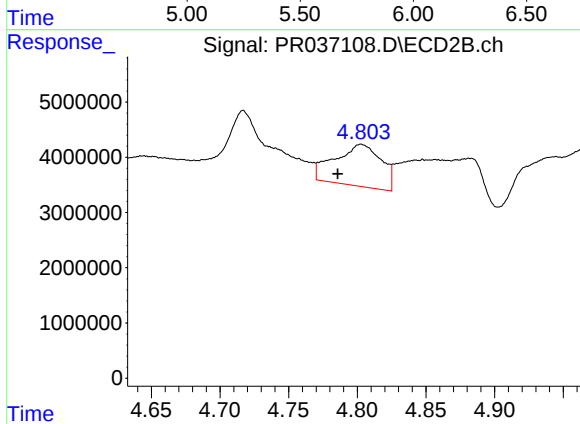
#13 AR-1232-3

R.T.: 4.717 min
Delta R.T.: 0.012 min
Response: 23617173
Conc: 411.04 ng/ml



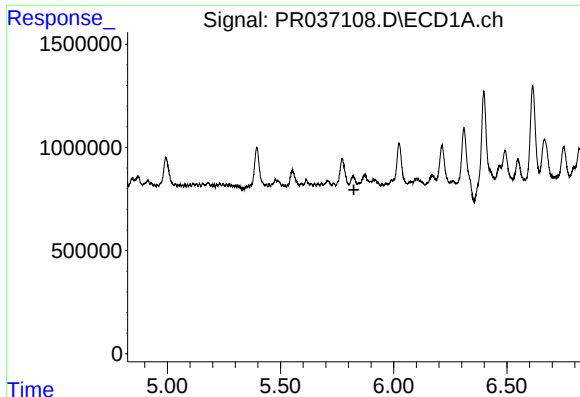
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.



#14 AR-1232-4

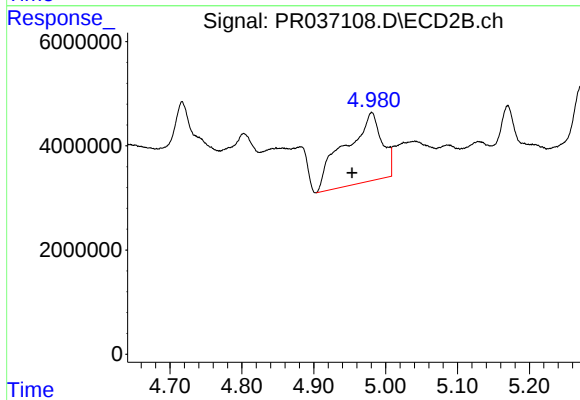
R.T.: 4.803 min
Delta R.T.: 0.017 min
Response: 17883492
Conc: 361.52 ng/ml



#15 AR-1232-5

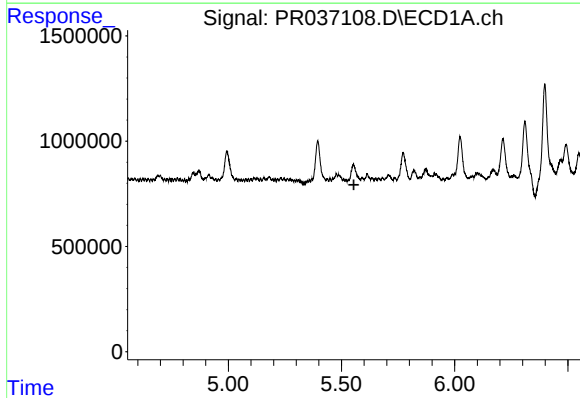
R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



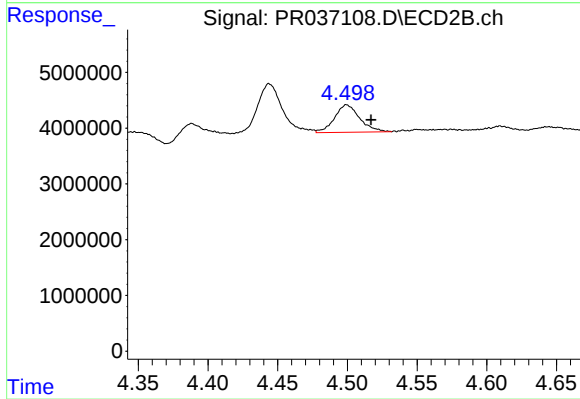
#15 AR-1232-5

R.T.: 4.981 min
Delta R.T.: 0.028 min
Response: 47297046
Conc: 825.25 ng/ml



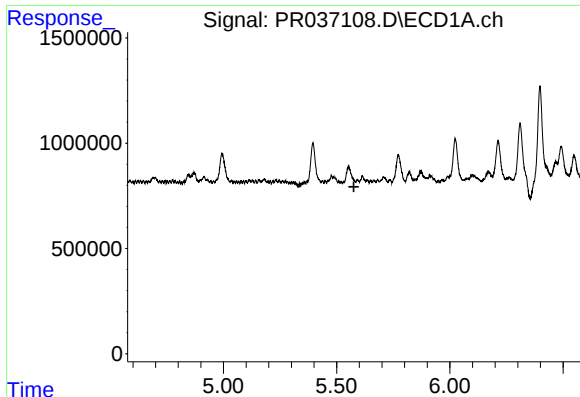
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.555 min
Response: 0
Conc: N.D.



#16 AR-1242-1

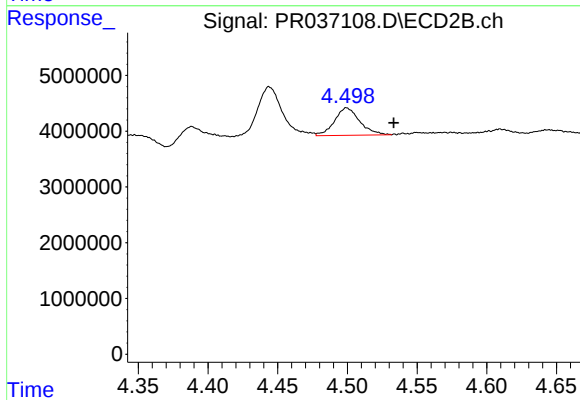
R.T.: 4.500 min
Delta R.T.: -0.017 min
Response: 6180303
Conc: 54.09 ng/ml



#17 AR-1242-2

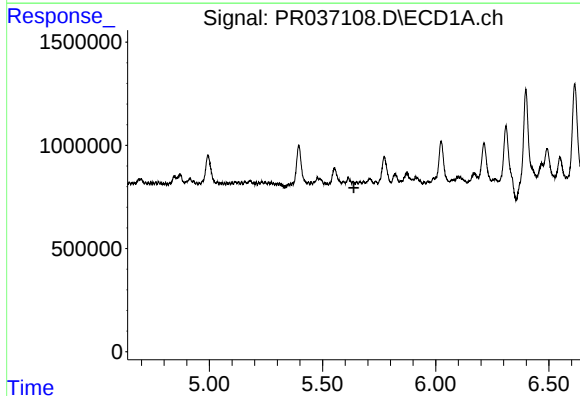
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



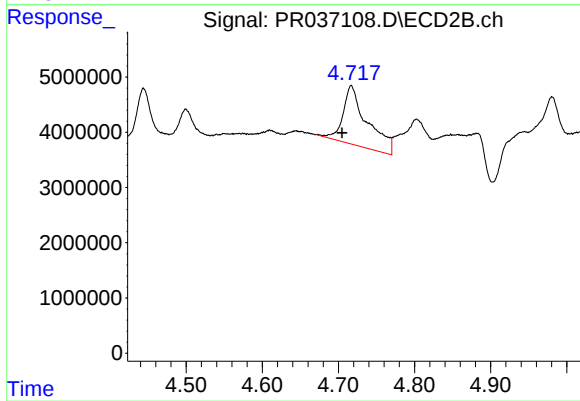
#17 AR-1242-2

R.T.: 4.500 min
Delta R.T.: -0.034 min
Response: 6180303
Conc: 32.50 ng/ml



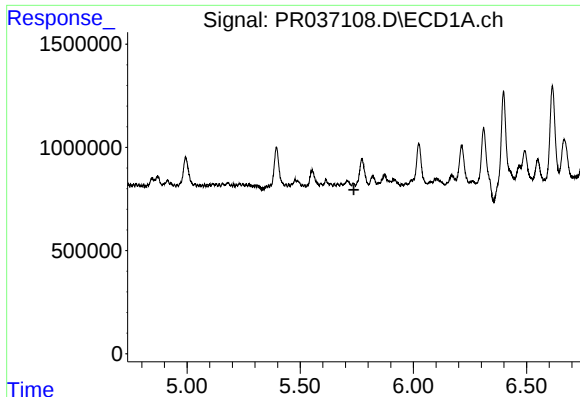
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.639 min
Response: 0
Conc: N.D.



#18 AR-1242-3

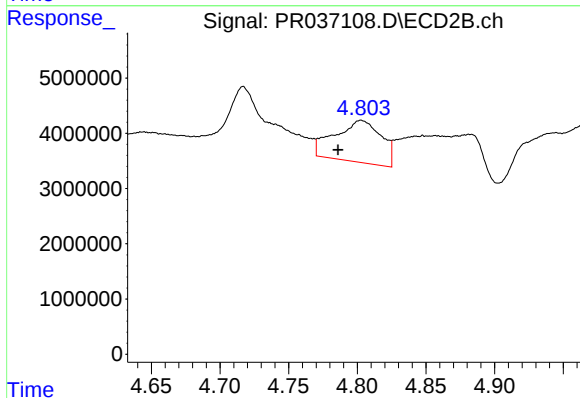
R.T.: 4.717 min
Delta R.T.: 0.012 min
Response: 23617173
Conc: 247.01 ng/ml



#19 AR-1242-4

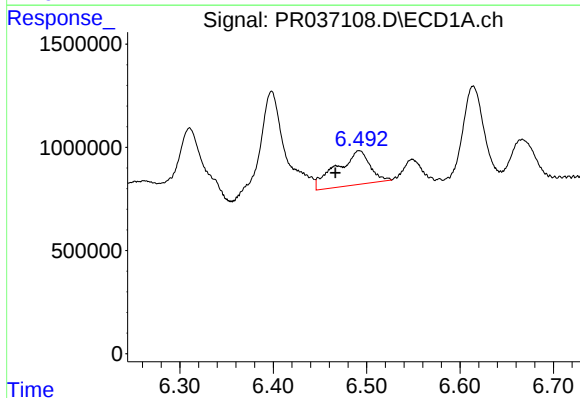
R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



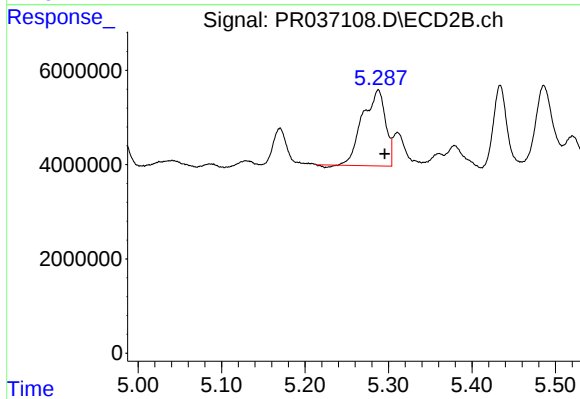
#19 AR-1242-4

R.T.: 4.803 min
Delta R.T.: 0.017 min
Response: 17883492
Conc: 198.07 ng/ml



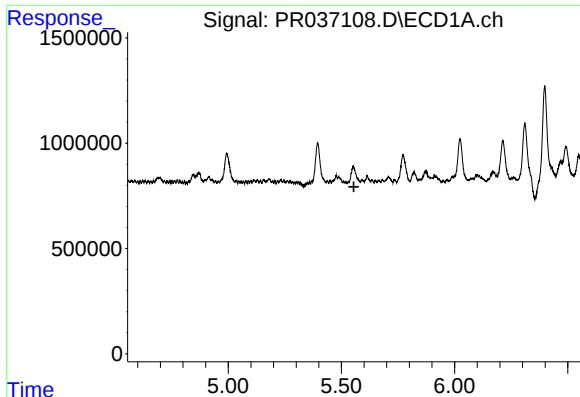
#20 AR-1242-5

R.T.: 6.492 min
Delta R.T.: 0.026 min
Response: 4097428
Conc: 133.35 ng/ml



#20 AR-1242-5

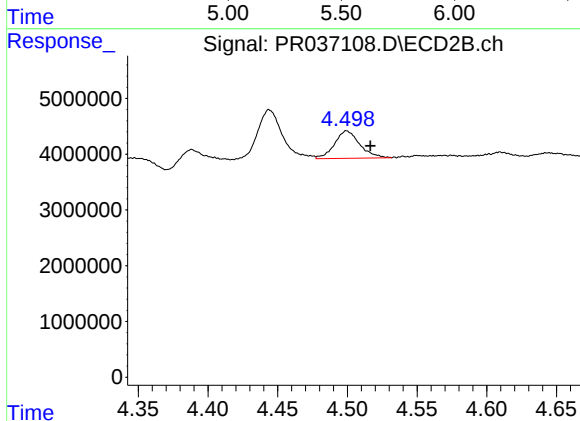
R.T.: 5.288 min
Delta R.T.: -0.008 min
Response: 30517399
Conc: 221.05 ng/ml



#21 AR-1248-1

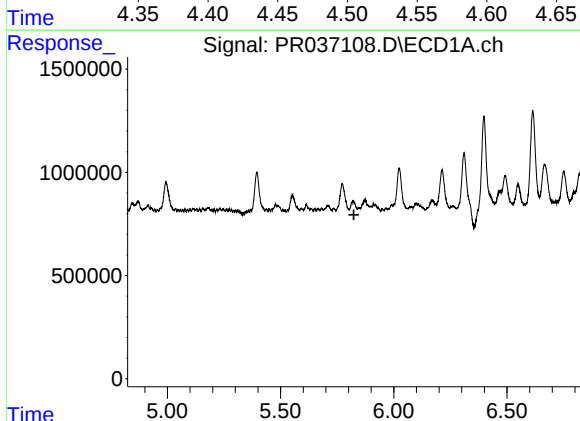
R.T.: 0.000 min
Exp R.T.: 5.555 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



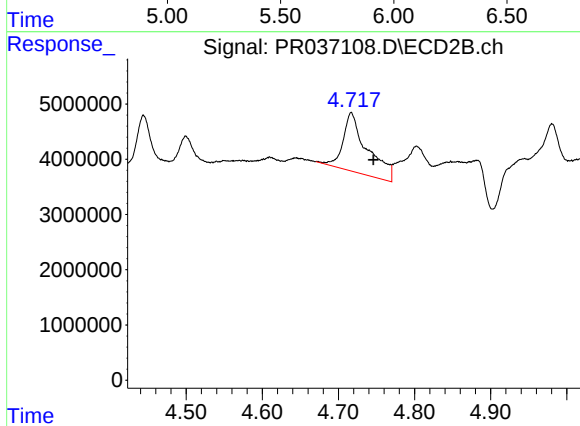
#21 AR-1248-1

R.T.: 4.500 min
Delta R.T.: -0.017 min
Response: 6180303
Conc: 63.64 ng/ml



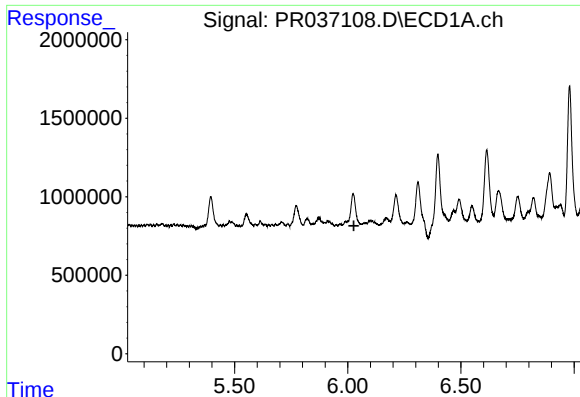
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.



#22 AR-1248-2

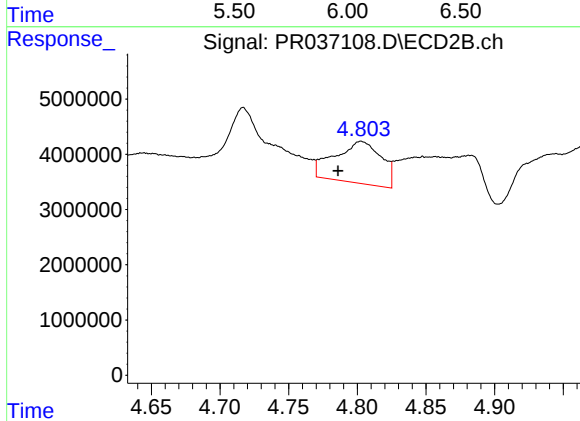
R.T.: 4.717 min
Delta R.T.: -0.029 min
Response: 23617173
Conc: 174.89 ng/ml



#23 AR-1248-3

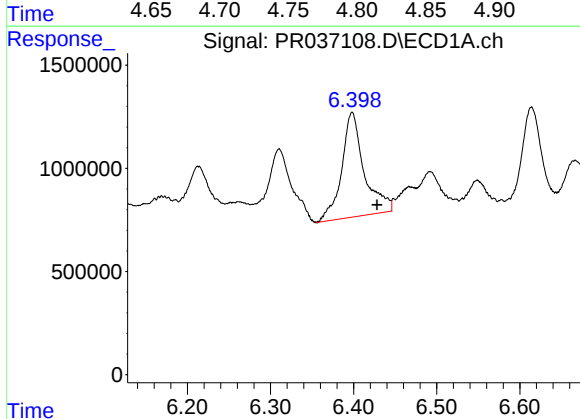
R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



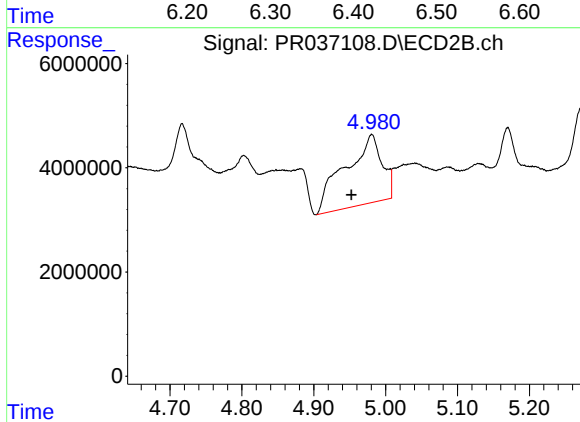
#23 AR-1248-3

R.T.: 4.803 min
Delta R.T.: 0.017 min
Response: 17883492
Conc: 128.50 ng/ml



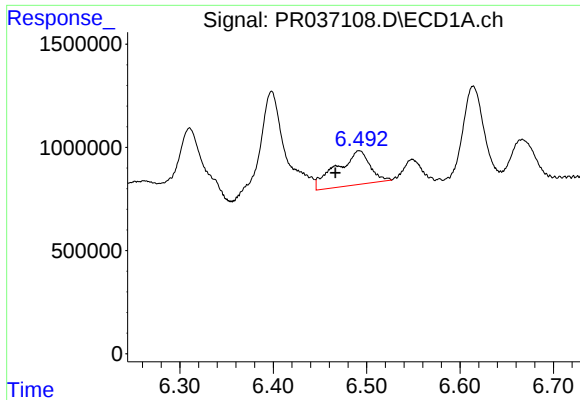
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: -0.030 min
Response: 9568885
Conc: 178.09 ng/ml



#24 AR-1248-4

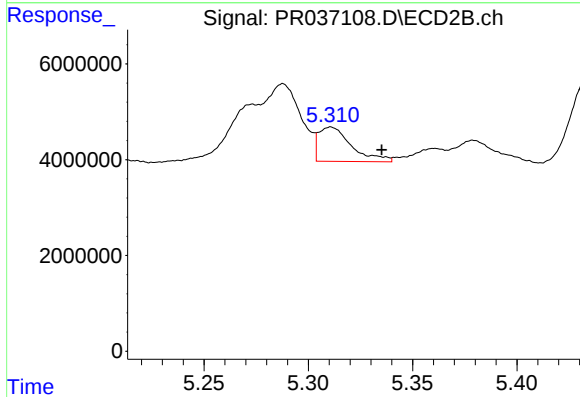
R.T.: 4.981 min
Delta R.T.: 0.028 min
Response: 47297046
Conc: 268.18 ng/ml



#25 AR-1248-5

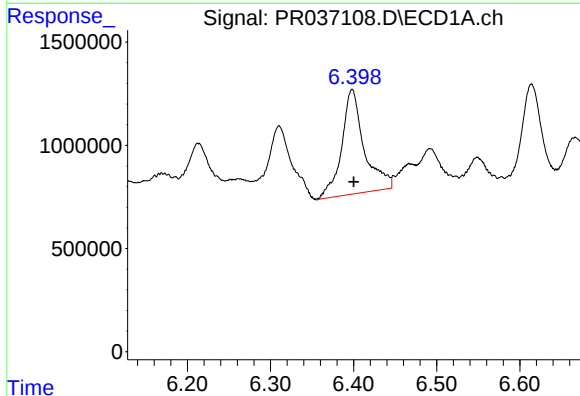
R.T.: 6.492 min
Delta R.T.: 0.026 min
Response: 4097428
Conc: 79.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



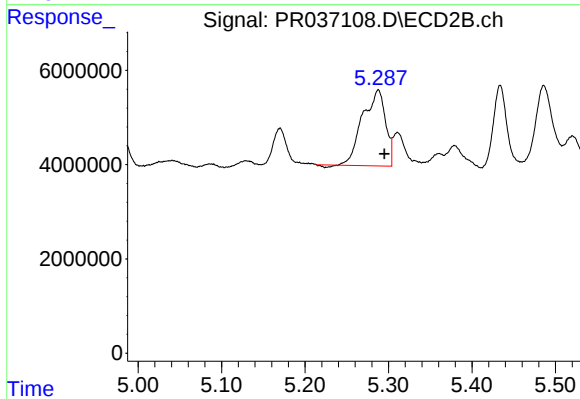
#25 AR-1248-5

R.T.: 5.311 min
Delta R.T.: -0.024 min
Response: 7873220
Conc: 40.50 ng/ml



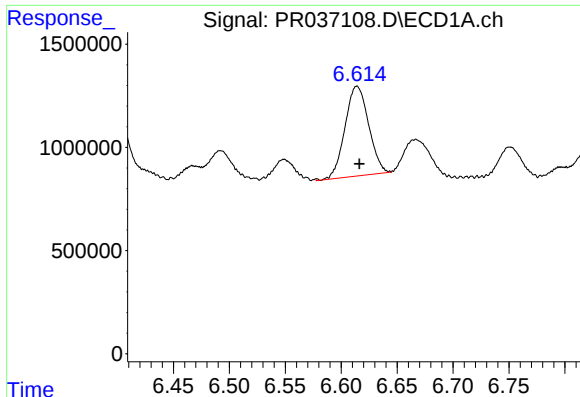
#26 AR-1254-1

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 9568885
Conc: 165.10 ng/ml



#26 AR-1254-1

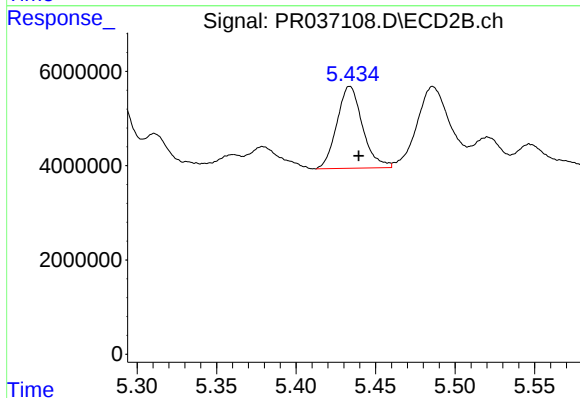
R.T.: 5.288 min
Delta R.T.: -0.007 min
Response: 30517399
Conc: 92.79 ng/ml



#27 AR-1254-2

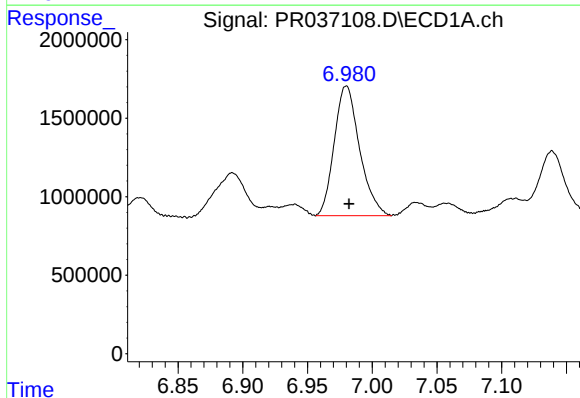
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 6399520
Conc: 68.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



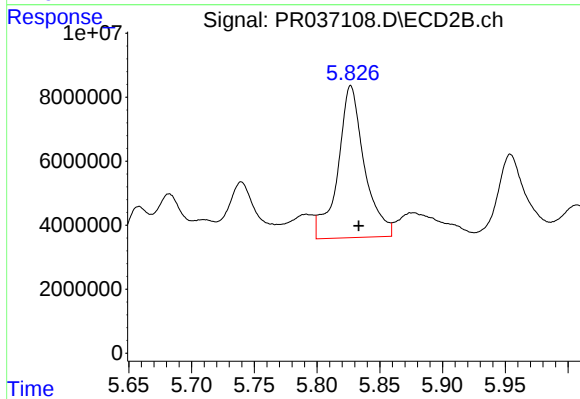
#27 AR-1254-2

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 19476652
Conc: 65.79 ng/ml



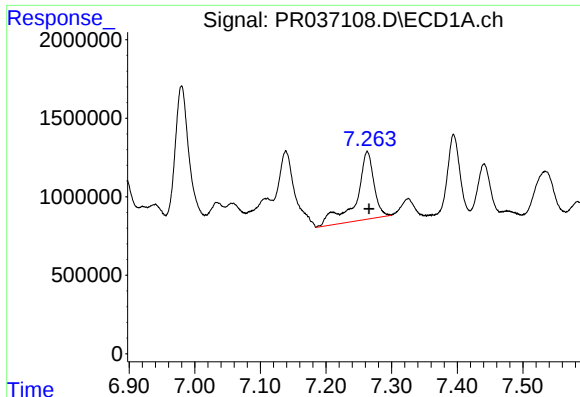
#28 AR-1254-3

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 11281127
Conc: 108.61 ng/ml



#28 AR-1254-3

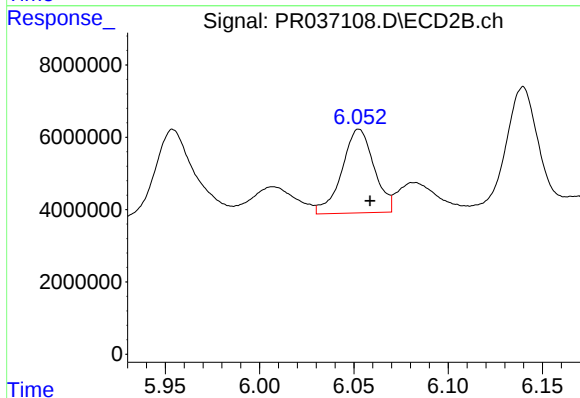
R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 69616570
Conc: 136.85 ng/ml



#29 AR-1254-4

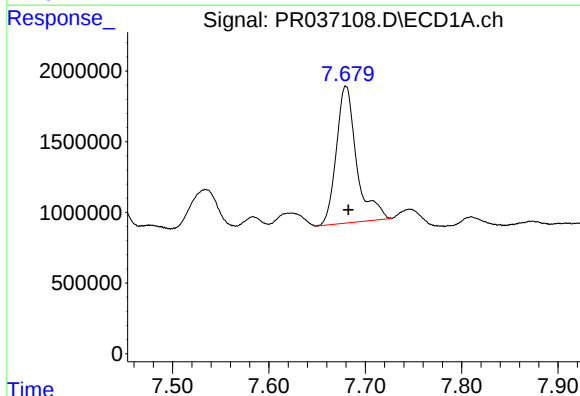
R.T.: 7.263 min
Delta R.T.: -0.002 min
Response: 8117098
Conc: 103.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



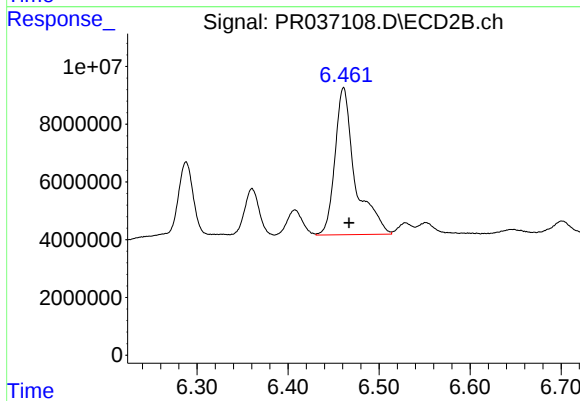
#29 AR-1254-4

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 27437960
Conc: 71.60 ng/ml



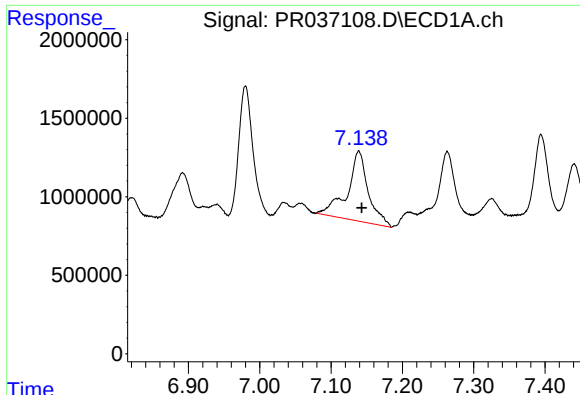
#30 AR-1254-5

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 14183355
Conc: 138.83 ng/ml



#30 AR-1254-5

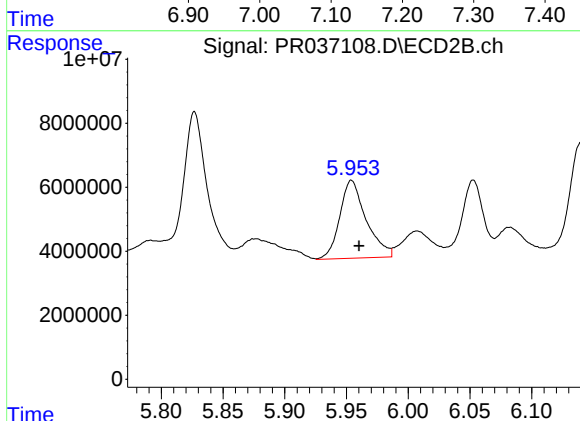
R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 78688062
Conc: 154.77 ng/ml



#31 AR-1260-1

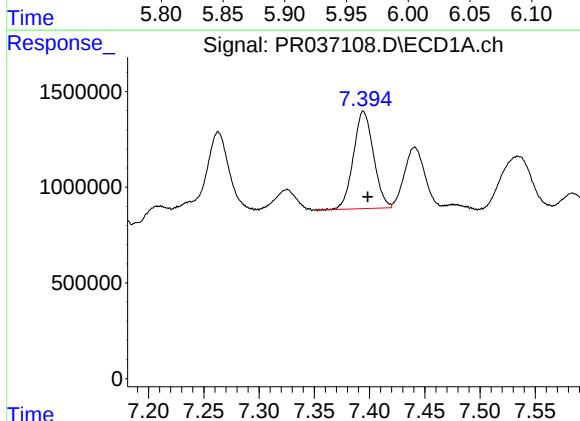
R.T.: 7.139 min
Delta R.T.: -0.004 min
Response: 9127787
Conc: 89.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



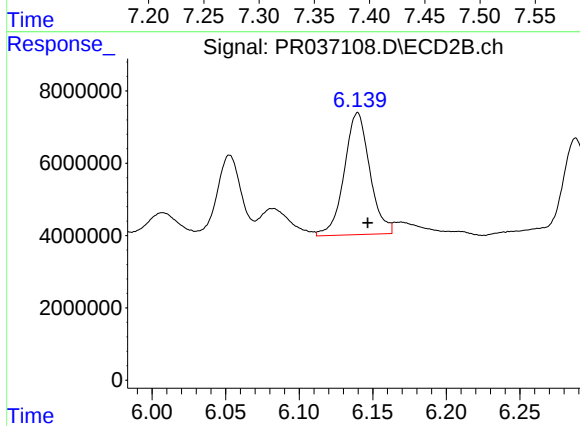
#31 AR-1260-1

R.T.: 5.954 min
Delta R.T.: -0.006 min
Response: 36320650
Conc: 83.04 ng/ml



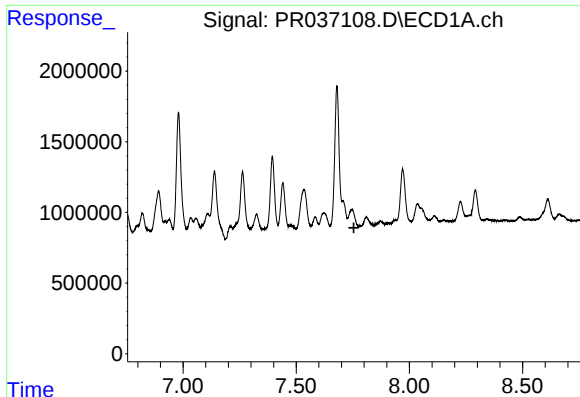
#32 AR-1260-2

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 6445402
Conc: 52.53 ng/ml



#32 AR-1260-2

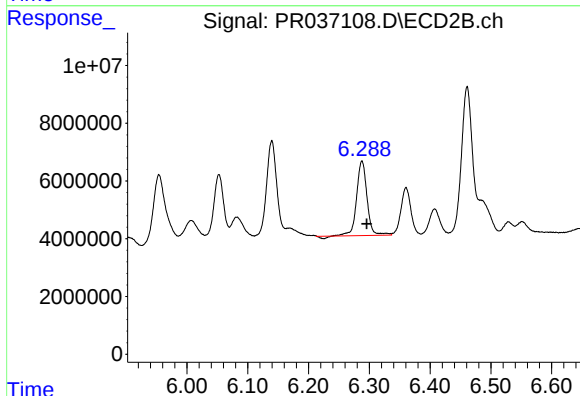
R.T.: 6.140 min
Delta R.T.: -0.007 min
Response: 40739782
Conc: 62.29 ng/ml



#33 AR-1260-3

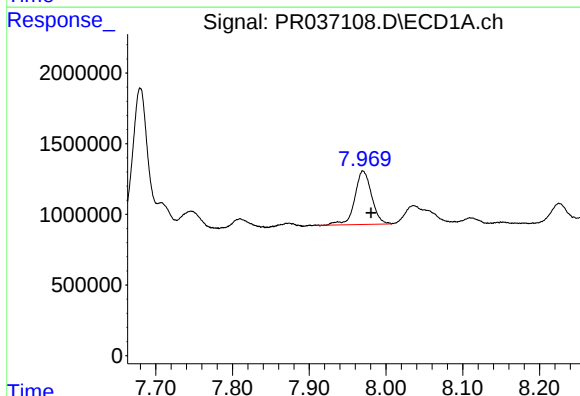
R.T.: 0.000 min
Exp R.T.: 7.755 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



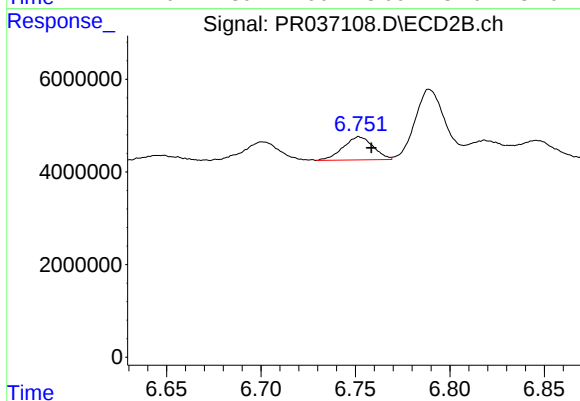
#33 AR-1260-3

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 30448377
Conc: 57.57 ng/ml



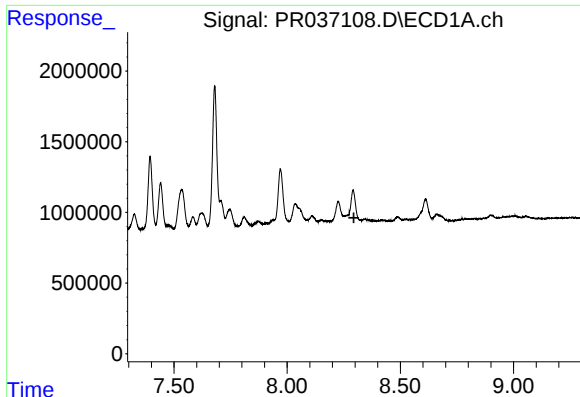
#34 AR-1260-4

R.T.: 7.970 min
Delta R.T.: -0.011 min
Response: 5771014
Conc: 52.08 ng/ml



#34 AR-1260-4

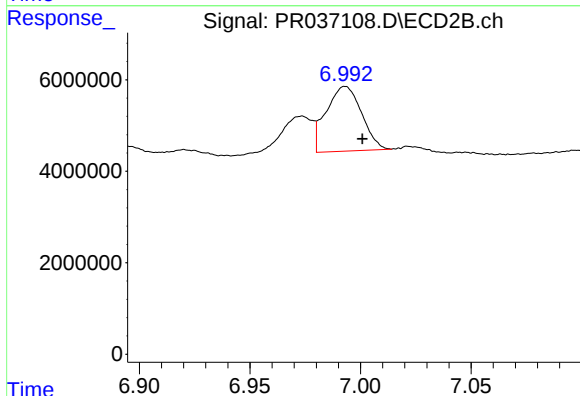
R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 5513614
Conc: 11.82 ng/ml



#35 AR-1260-5

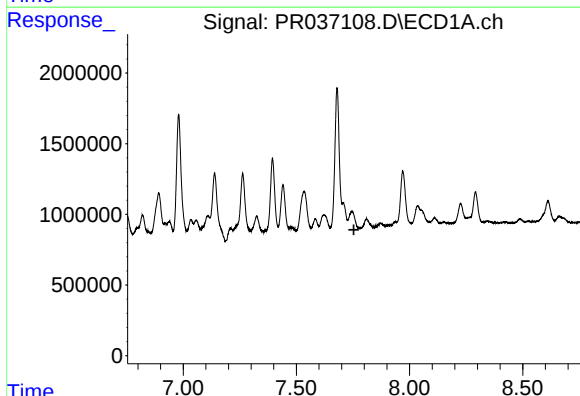
R.T.: 0.000 min
Exp R.T.: 8.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



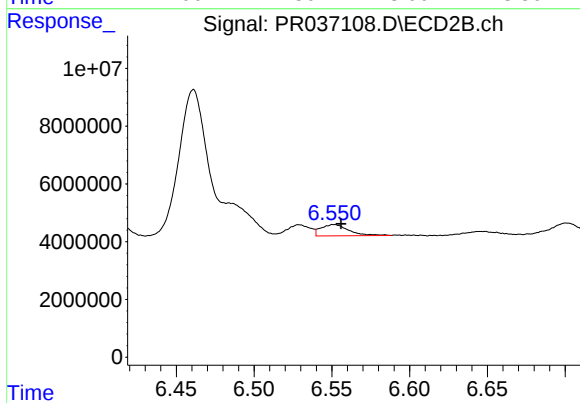
#35 AR-1260-5

R.T.: 6.993 min
Delta R.T.: -0.008 min
Response: 15812343
Conc: 11.88 ng/ml



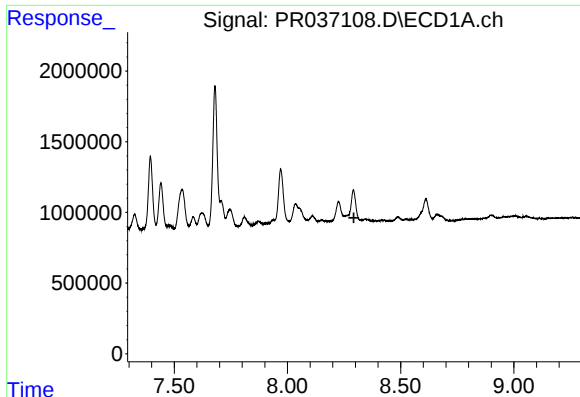
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.754 min
Response: 0
Conc: N.D.



#36 AR-1262-1

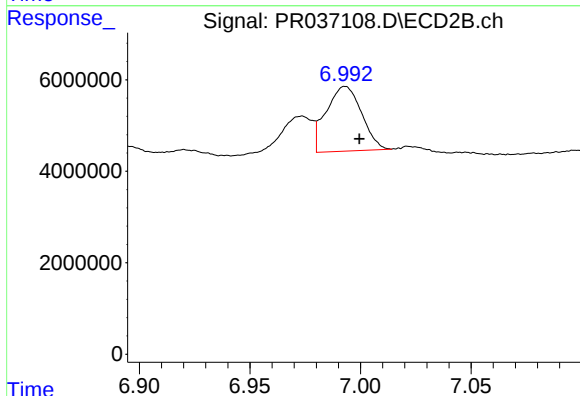
R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 4863642
Conc: 17.74 ng/ml



#37 AR-1262-2

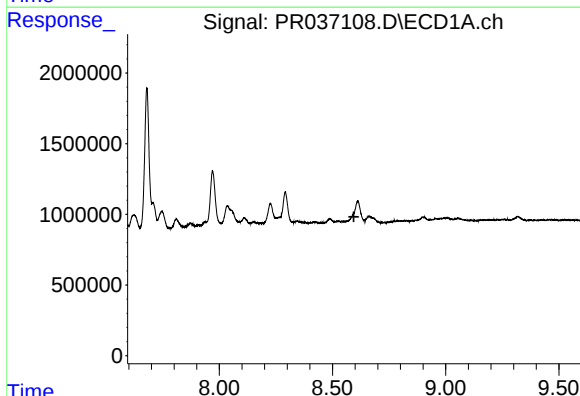
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



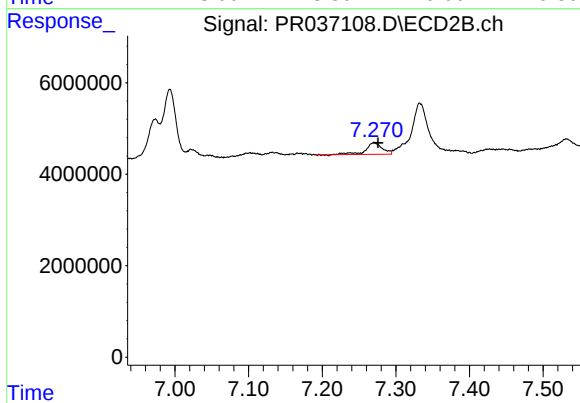
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 15812343
Conc: 11.54 ng/ml



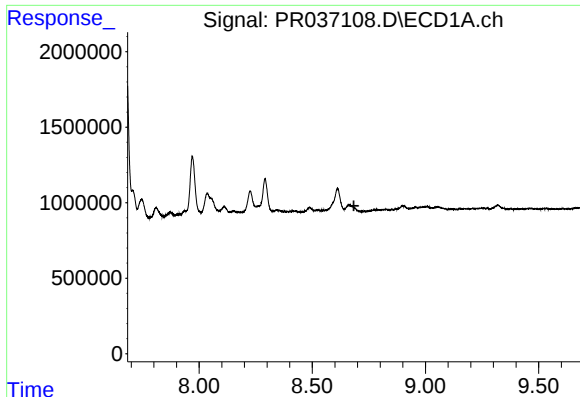
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.



#38 AR-1262-3

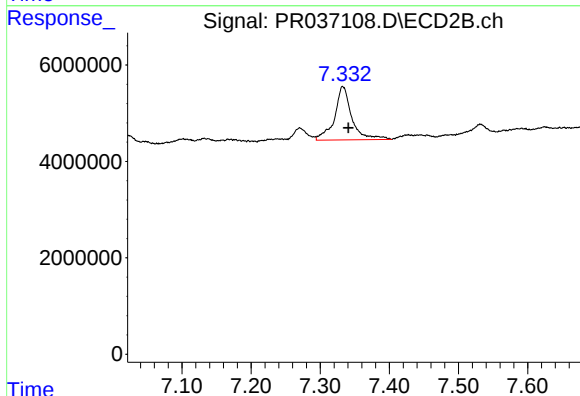
R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 3994515
Conc: 7.32 ng/ml



#39 AR-1262-4

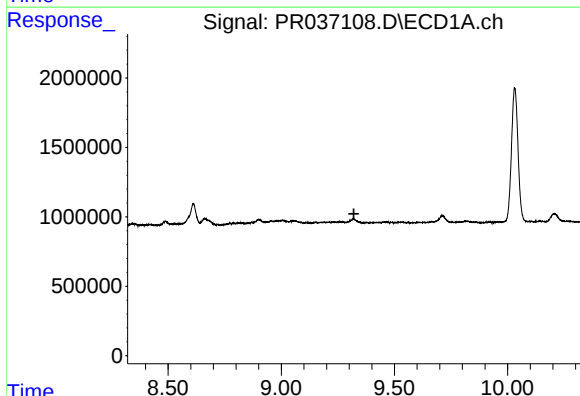
R.T.: 0.000 min
Exp R.T.: 8.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



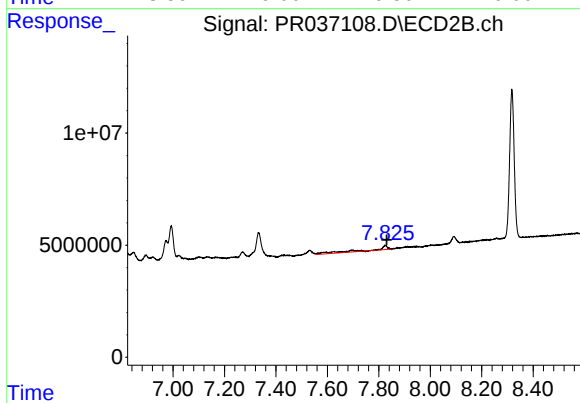
#39 AR-1262-4

R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 19270447
Conc: 20.98 ng/ml



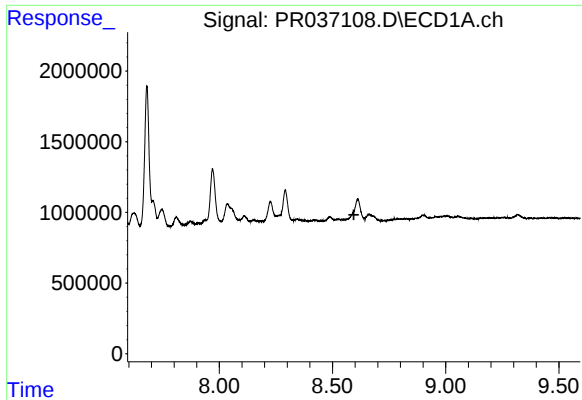
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.321 min
Response: 0
Conc: N.D.



#40 AR-1262-5

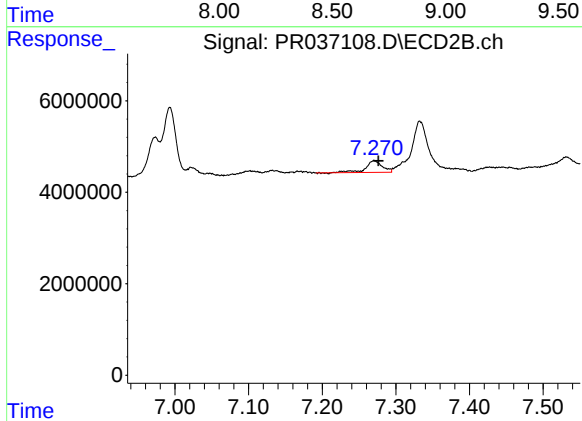
R.T.: 7.825 min
Delta R.T.: -0.006 min
Response: 7394788
Conc: 18.41 ng/ml



#41 AR-1268-1

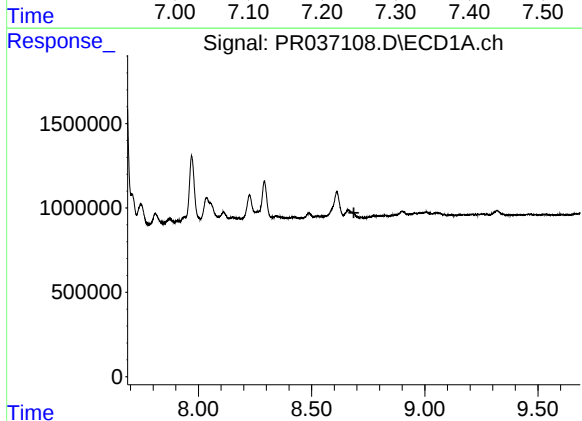
R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



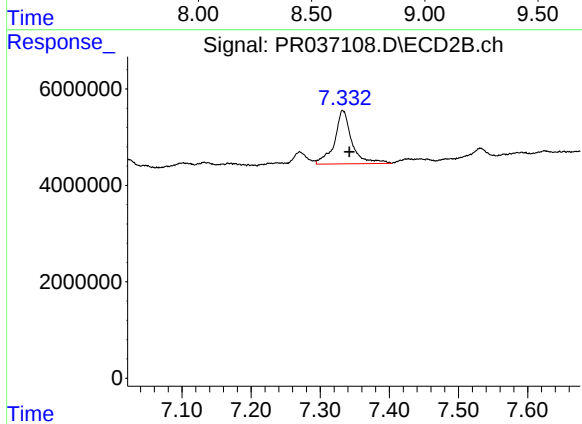
#41 AR-1268-1

R.T.: 7.270 min
Delta R.T.: -0.006 min
Response: 3994515
Conc: 2.70 ng/ml



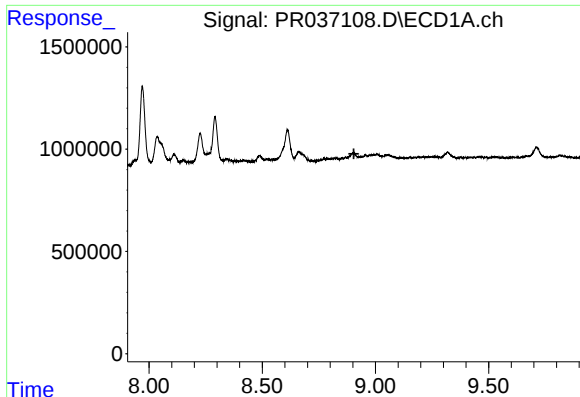
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.



#42 AR-1268-2

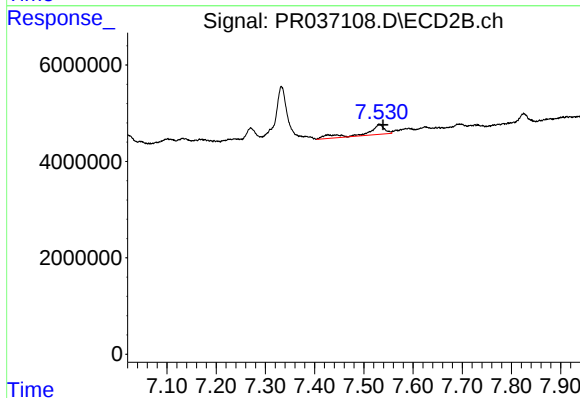
R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 19270447
Conc: 15.35 ng/ml



#43 AR-1268-3

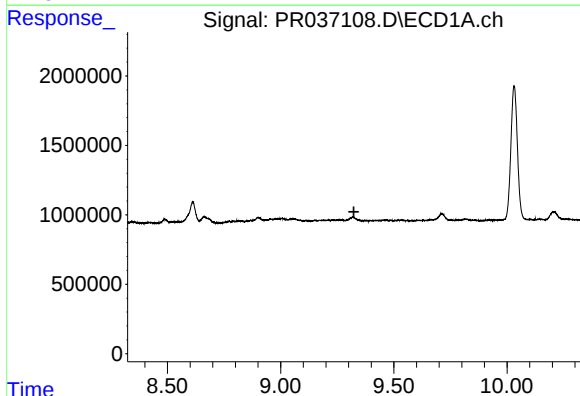
R.T.: 0.000 min
Exp R.T.: 8.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



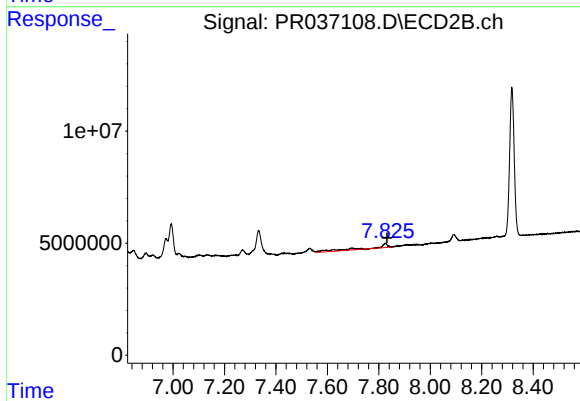
#43 AR-1268-3

R.T.: 7.532 min
Delta R.T.: -0.007 min
Response: 5480110
Conc: 5.63 ng/ml



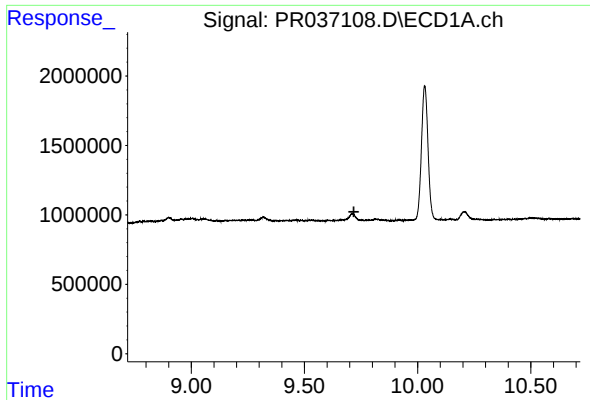
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.323 min
Response: 0
Conc: N.D.



#44 AR-1268-4

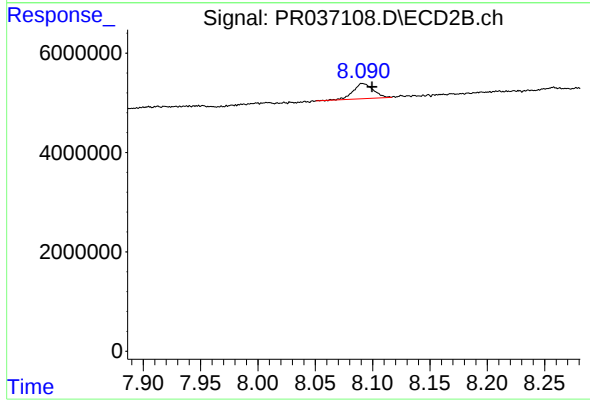
R.T.: 7.825 min
Delta R.T.: -0.007 min
Response: 7394788
Conc: 17.02 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 3670823
Conc: 1.22 ng/ml