

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 06:58
 Operator : AJ\MA
 Sample : 02213-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:14:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.687	2.900	67174190	85609986	22.003	20.116
2)	SA Decachlor...	9.656	8.126	65540641	91413154	23.104	21.027
Target Compounds							
3)	L1 AR-1016-1	4.921	4.009	2745709	3001322	24.802	20.297
4)	L1 AR-1016-2	4.944	4.026	3769433	4462280	24.220	21.036
5)	L1 AR-1016-3	5.009	4.204	2675693	2245238	27.424	20.375 #
6)	L1 AR-1016-4	5.111	4.255	1912771	1760762	24.580	20.598
7)	L1 AR-1016-5	5.431	4.470	1829138	2223066	22.998	19.465
8)	L2 AR-1221-1	3.910	3.124	1786070	1744796	45.083	36.737
9)	L2 AR-1221-2	4.001	3.205	1911041	2560922	65.818	72.191
10)	L2 AR-1221-3	4.079	3.285	3960352	4770149	44.297	42.152
11)	L3 AR-1232-1	4.079	3.285	3960352	4770149	53.200	51.132
12)	L3 AR-1232-2	4.633	4.026	2072962	4462280	57.023	48.793
13)	L3 AR-1232-3	4.944	4.204	3769433	2245238	53.497	48.465
14)	L3 AR-1232-4	5.111	4.296	1912771	2061317	55.454	50.492
15)	L3 AR-1232-5	5.217	4.470	1502465	2223066	57.331	47.312
16)	L4 AR-1242-1	4.921	4.009	2745709	3001322	31.115	25.842
17)	L4 AR-1242-2	4.944	4.026	3769433	4462280	30.385	26.762
18)	L4 AR-1242-3	5.009	4.204	2675693	2245238	34.246	26.170
19)	L4 AR-1242-4	5.111	4.296	1912771	2061317	30.543	25.486
20)	L4 AR-1242-5	5.907	4.839	2168353	2890112	31.318	26.828
21)	L5 AR-1248-1	4.921	4.009	2745709	3001322	41.318	34.905
22)	L5 AR-1248-2	5.217	4.255	1502465	1760762	16.921	14.644
23)	L5 AR-1248-3	5.431	4.296	1829138	2061317	17.374	16.910
24)	L5 AR-1248-4	5.867	4.470	1899751	2223066	15.801	14.728
25)	L5 AR-1248-5	5.907	4.880	2168353	2547940	18.317	16.577
26)	L6 AR-1254-1	5.837	4.839	1357600	2890112	11.272	11.954
27)	L6 AR-1254-2	6.076	4.995	2079297	516741	10.906	2.473 #
28)	L6 AR-1254-3	6.468	5.414	872945	1278250	4.254	3.673
29)	L6 AR-1254-4	6.786	5.660	512022	997564	3.289	4.524 #
30)	L6 AR-1254-5	7.240	6.103	203477	1065487	1.209	3.325 #
31)	L7 AR-1260-1	0.000	5.547	0	3450157	N.D.	14.077 #
32)	L7 AR-1260-2	6.921f	5.763	1081545	222882	5.605	0.717 #
33)	L7 AR-1260-3	0.000	5.925	0	440424	N.D.	1.569 #
34)	L7 AR-1260-4	7.566	6.417	653663	285267	3.998	1.185 #
35)	L7 AR-1260-5	7.917	6.684	318483	2395170	1.007	4.114 #
36)	L8 AR-1262-1	0.000	6.174f	0	1356827	N.D.	4.301 #
37)	L8 AR-1262-2	7.917	6.417	318483	285267	0.945	0.990
40)	L8 AR-1262-5	8.980f	0.000	1097357	0	8.760	N.D. #
43)	L9 AR-1268-3	8.537	7.279	947375	1955943	2.954	3.441
44)	L9 AR-1268-4	8.980f	0.000	1097357	0	7.637	N.D. #
45)	L9 AR-1268-5	9.342	7.885	522879	3385845	0.495	1.801 #

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Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 15:47:54 2023
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

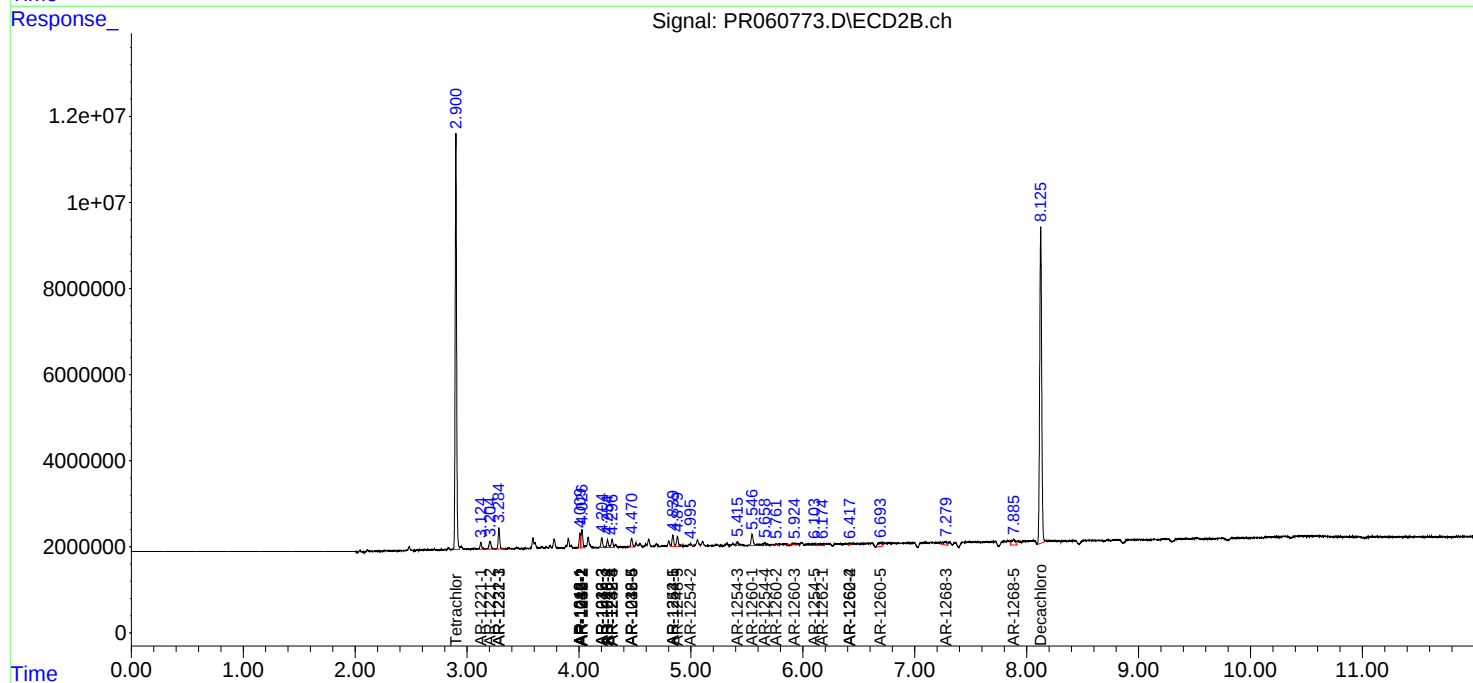
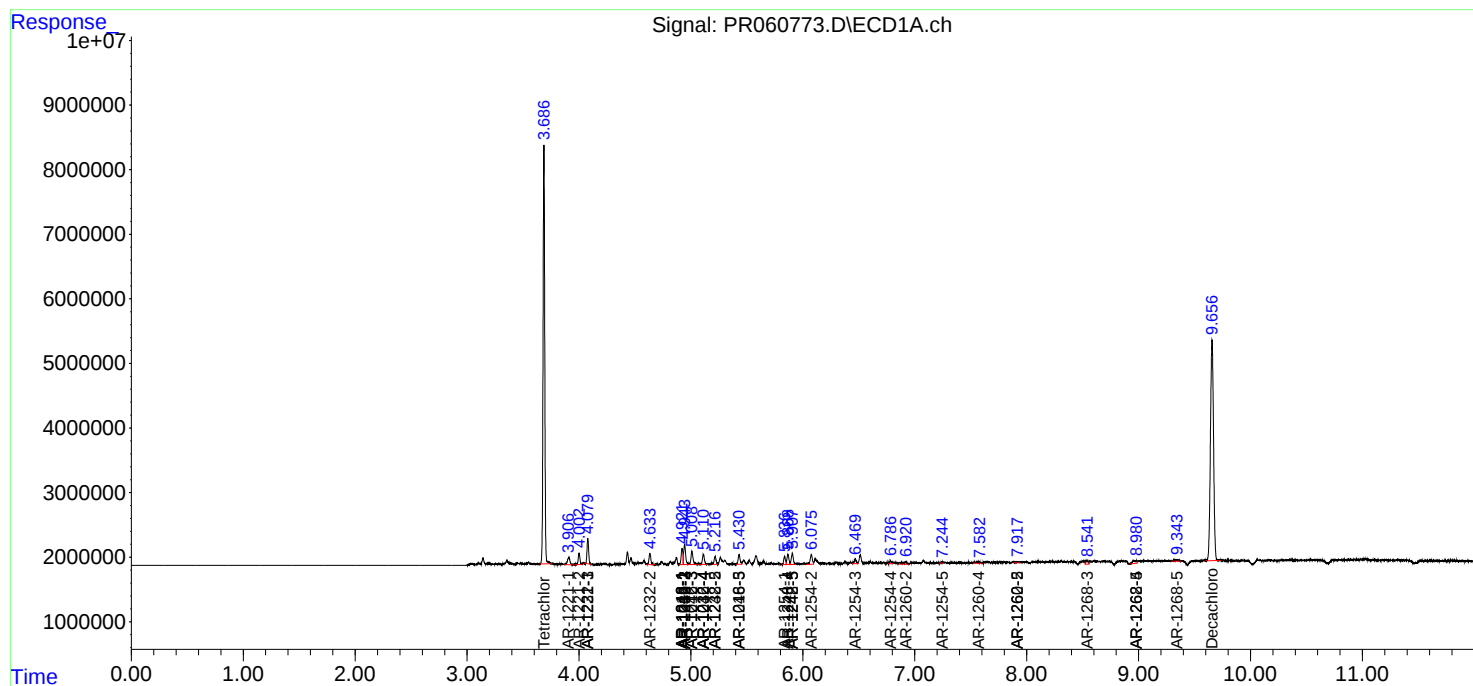
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

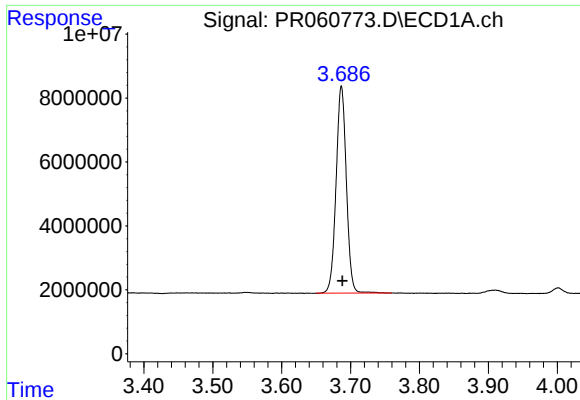
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060773.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

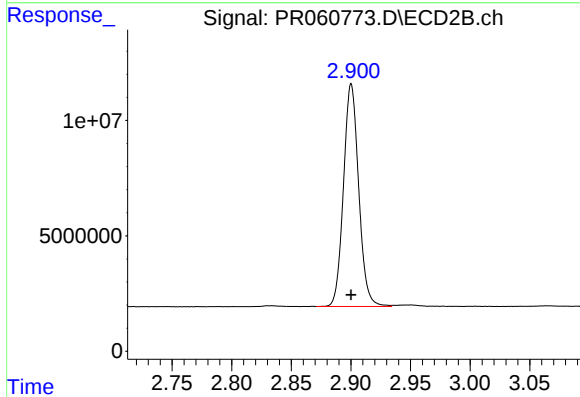




#1 Tetrachloro-m-xylene

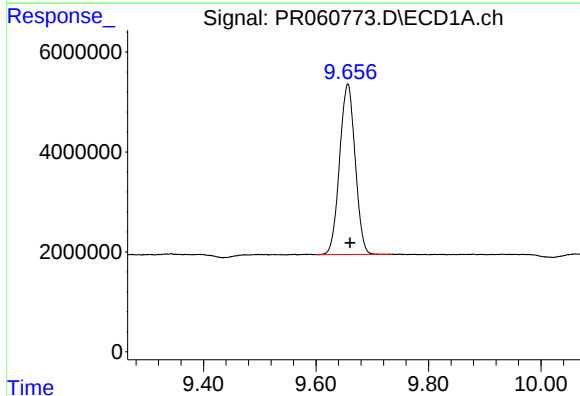
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 67174190
Conc: 22.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



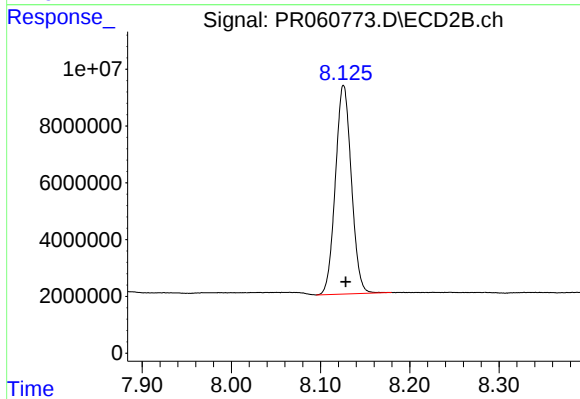
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 85609986
Conc: 20.12 ng/ml



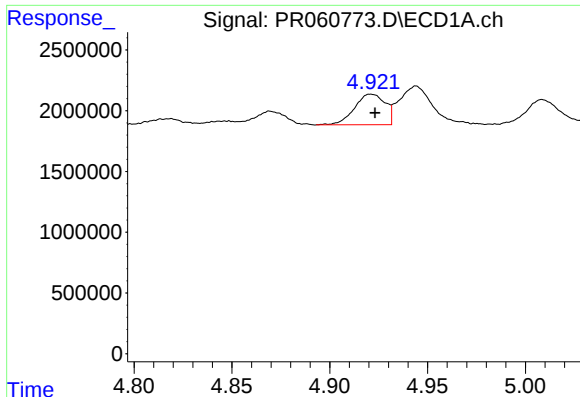
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.004 min
Response: 65540641
Conc: 23.10 ng/ml



#2 Decachlorobiphenyl

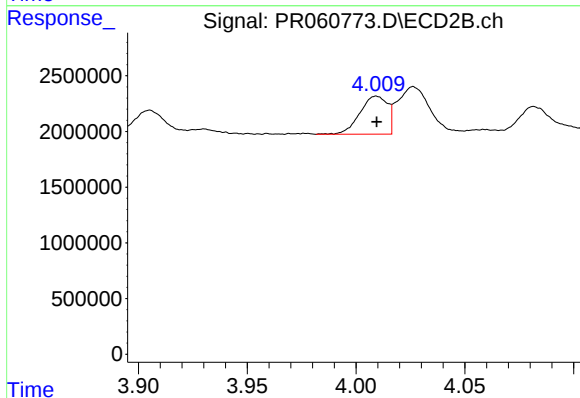
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 91413154
Conc: 21.03 ng/ml



#3 AR-1016-1

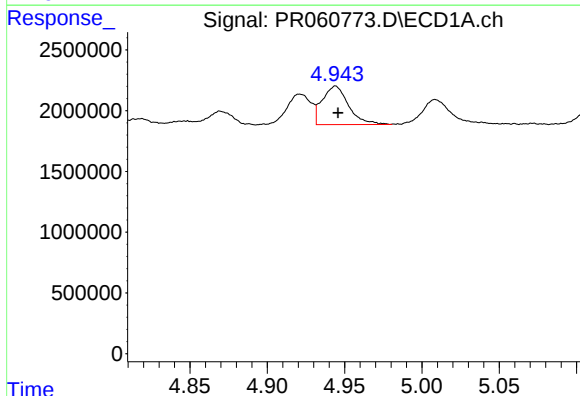
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2745709
Conc: 24.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



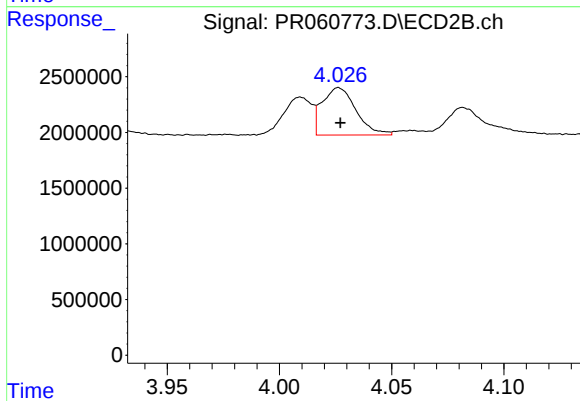
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3001322
Conc: 20.30 ng/ml



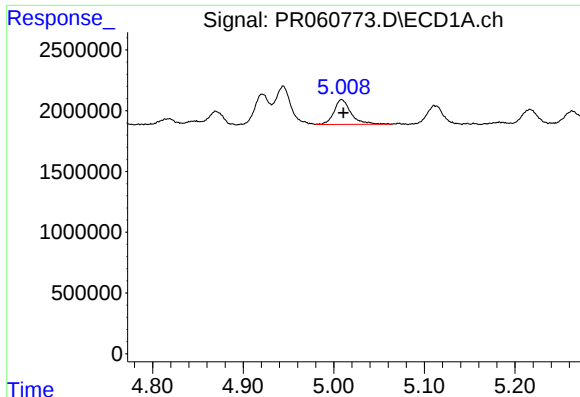
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 3769433
Conc: 24.22 ng/ml



#4 AR-1016-2

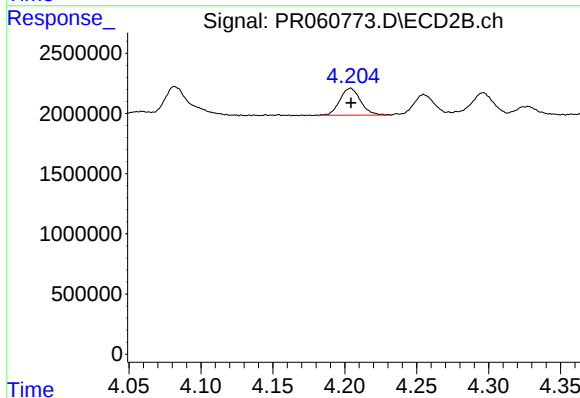
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 4462280
Conc: 21.04 ng/ml



#5 AR-1016-3

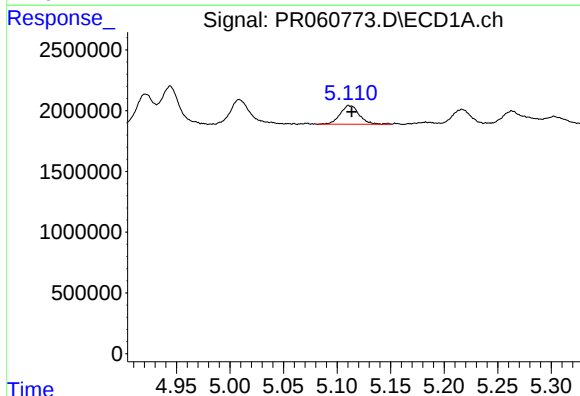
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2675693
Conc: 27.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



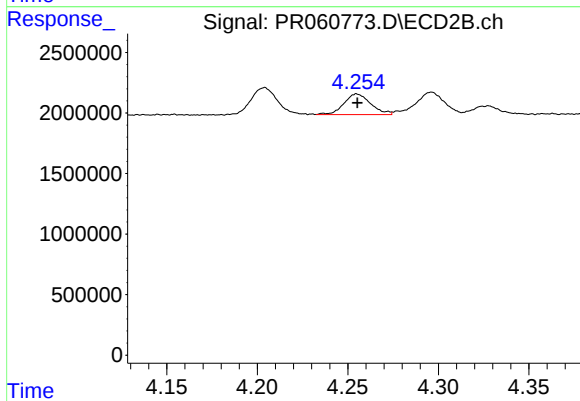
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2245238
Conc: 20.37 ng/ml



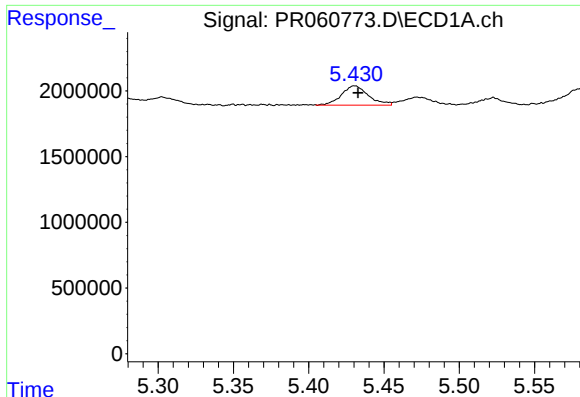
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 1912771
Conc: 24.58 ng/ml



#6 AR-1016-4

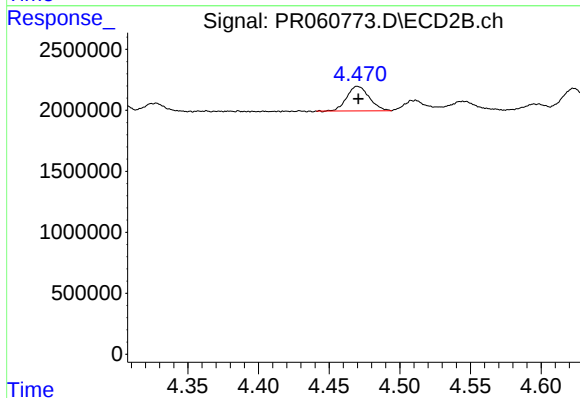
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1760762
Conc: 20.60 ng/ml



#7 AR-1016-5

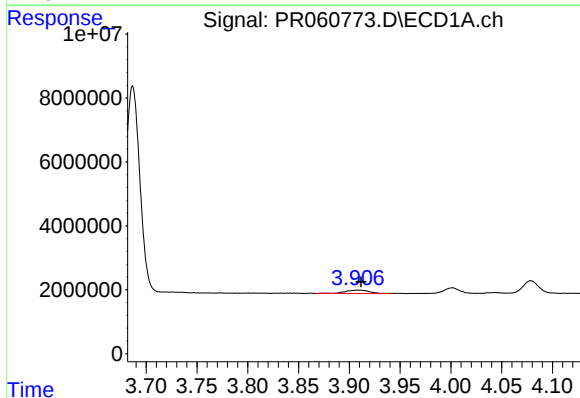
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 1829138
Conc: 23.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



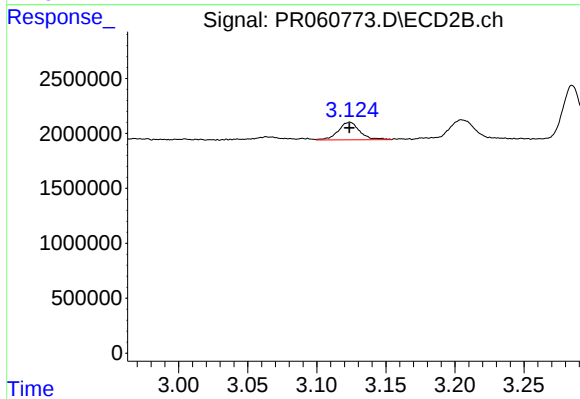
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2223066
Conc: 19.47 ng/ml



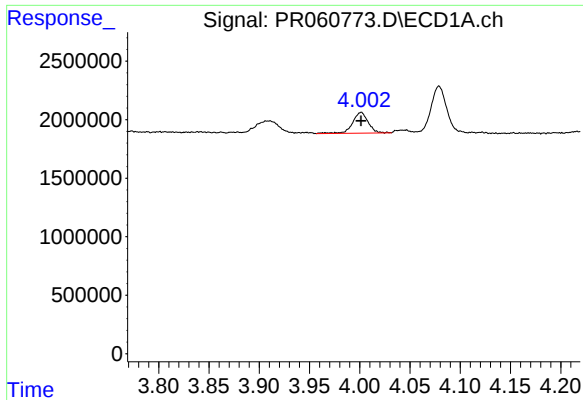
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.002 min
Response: 1786070
Conc: 45.08 ng/ml



#8 AR-1221-1

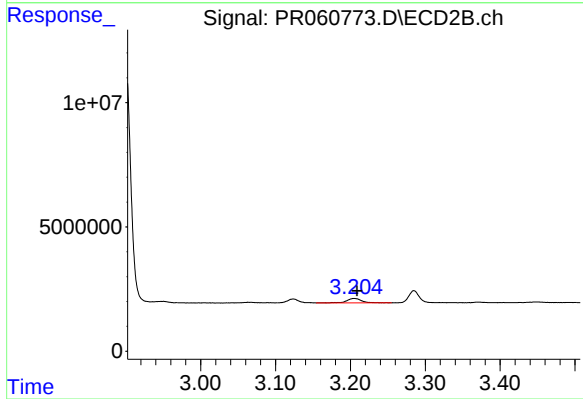
R.T.: 3.124 min
Delta R.T.: 0.000 min
Response: 1744796
Conc: 36.74 ng/ml



#9 AR-1221-2

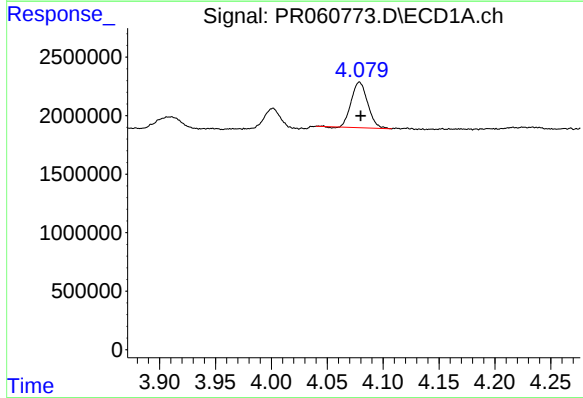
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1911041
Conc: 65.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



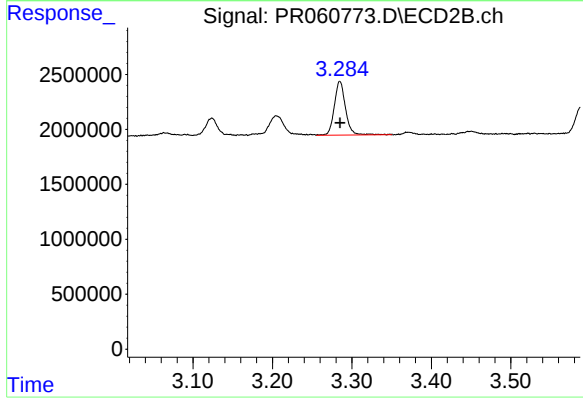
#9 AR-1221-2

R.T.: 3.205 min
Delta R.T.: -0.004 min
Response: 2560922
Conc: 72.19 ng/ml



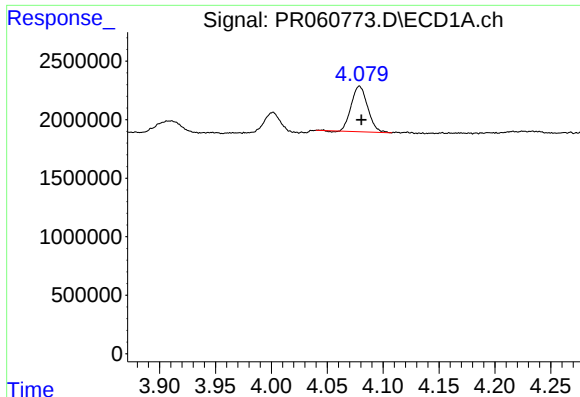
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 3960352
Conc: 44.30 ng/ml



#10 AR-1221-3

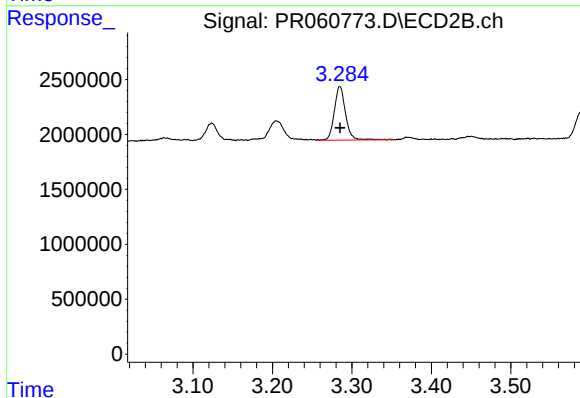
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 4770149
Conc: 42.15 ng/ml



#11 AR-1232-1

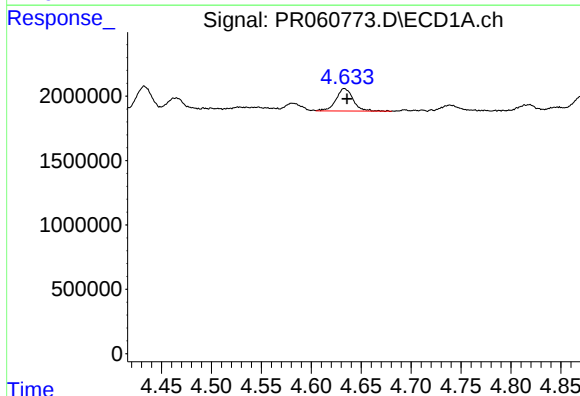
R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 3960352
Conc: 53.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



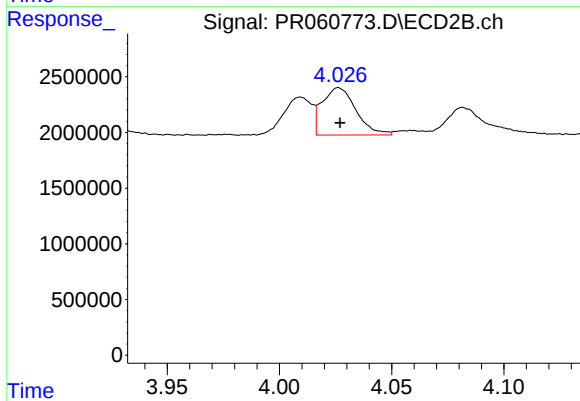
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 4770149
Conc: 51.13 ng/ml



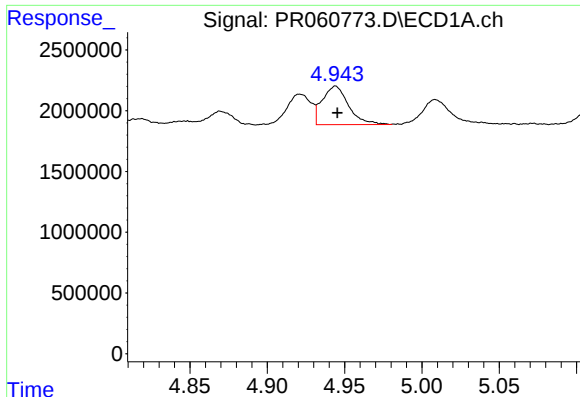
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.003 min
Response: 2072962
Conc: 57.02 ng/ml



#12 AR-1232-2

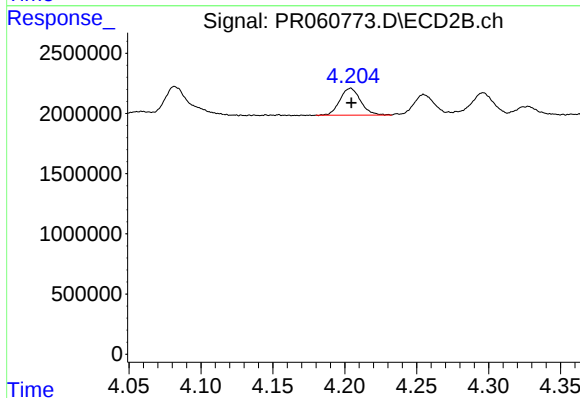
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 4462280
Conc: 48.79 ng/ml



#13 AR-1232-3

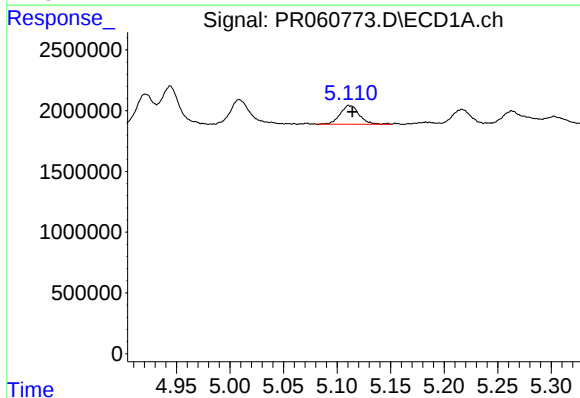
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 3769433
Conc: 53.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



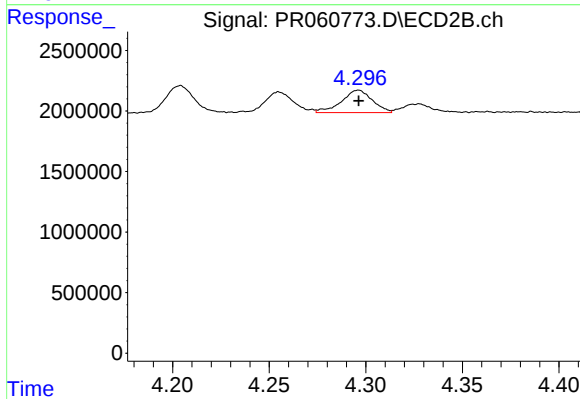
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2245238
Conc: 48.46 ng/ml



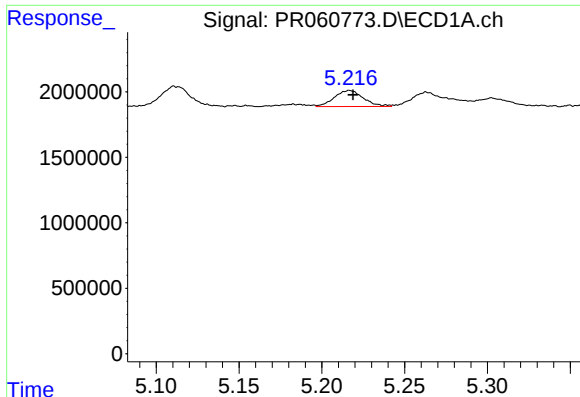
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 1912771
Conc: 55.45 ng/ml



#14 AR-1232-4

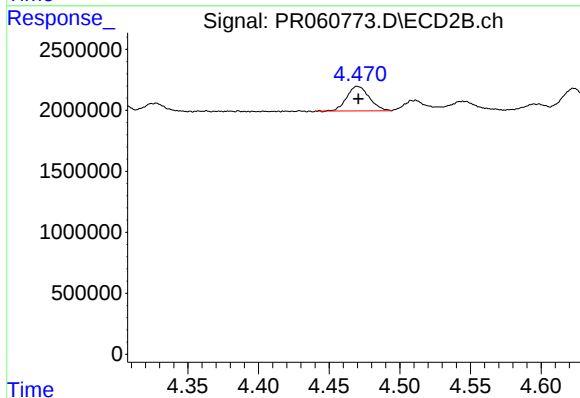
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2061317
Conc: 50.49 ng/ml



#15 AR-1232-5

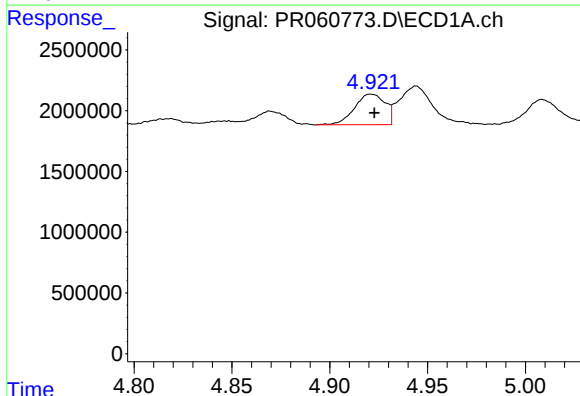
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 1502465
Conc: 57.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



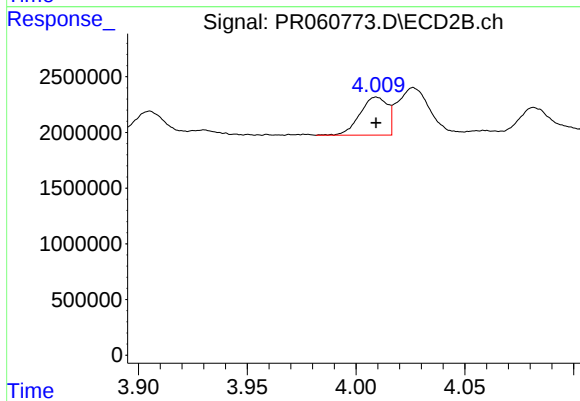
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2223066
Conc: 47.31 ng/ml



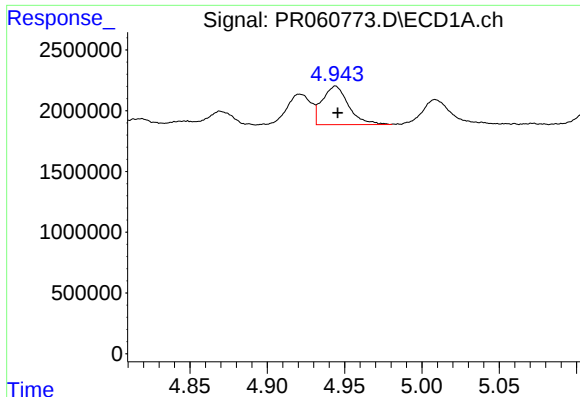
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2745709
Conc: 31.11 ng/ml



#16 AR-1242-1

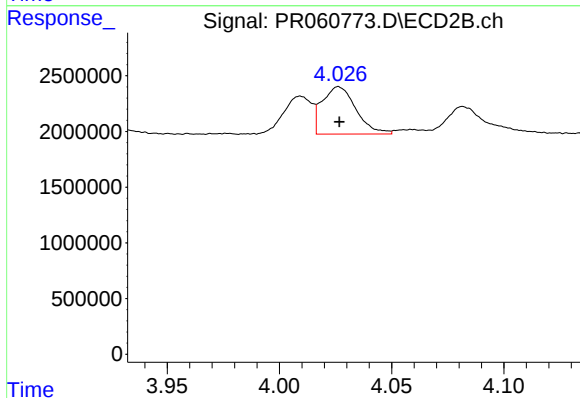
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3001322
Conc: 25.84 ng/ml



#17 AR-1242-2

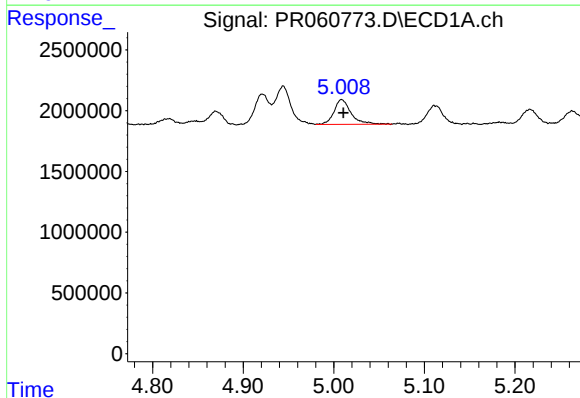
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 3769433
Conc: 30.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



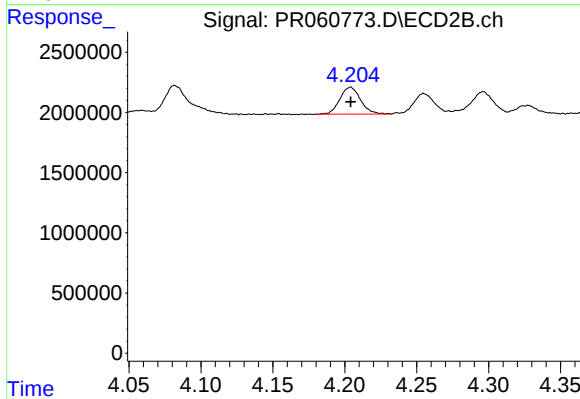
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 4462280
Conc: 26.76 ng/ml



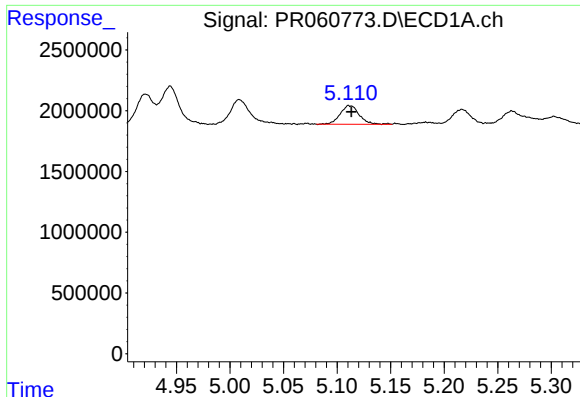
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2675693
Conc: 34.25 ng/ml



#18 AR-1242-3

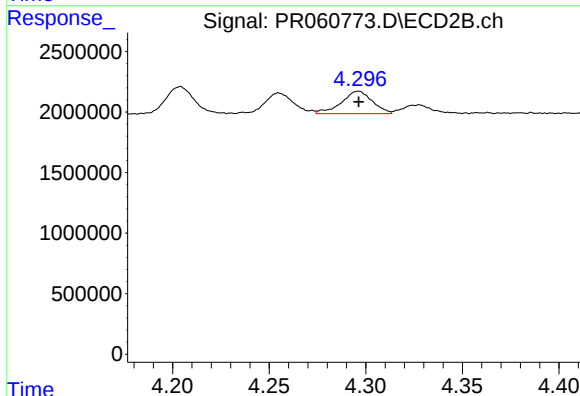
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2245238
Conc: 26.17 ng/ml



#19 AR-1242-4

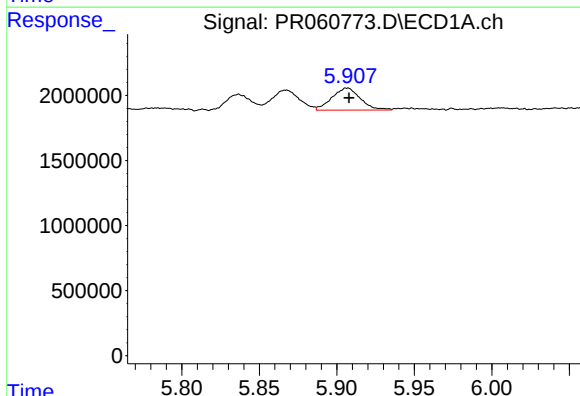
R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 1912771
Conc: 30.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



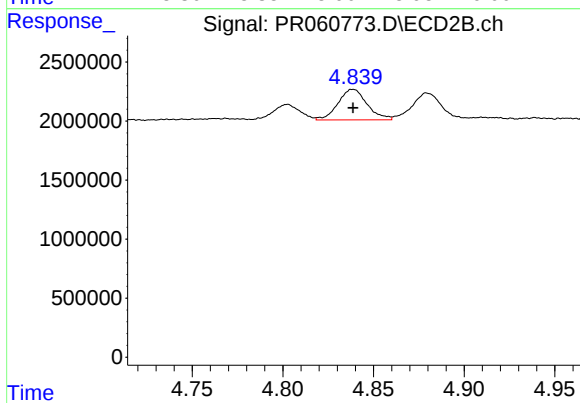
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2061317
Conc: 25.49 ng/ml



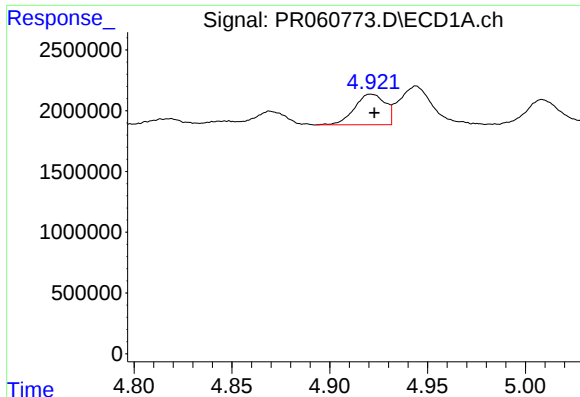
#20 AR-1242-5

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 2168353
Conc: 31.32 ng/ml



#20 AR-1242-5

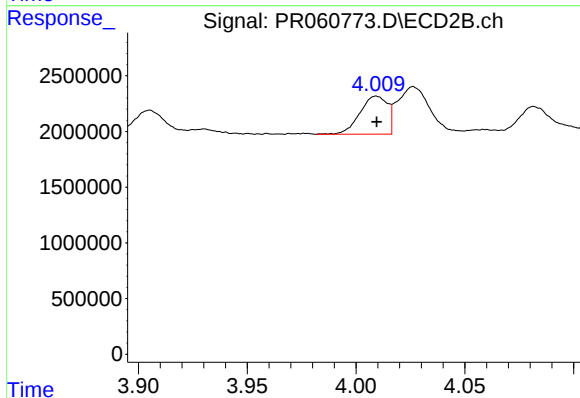
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 2890112
Conc: 26.83 ng/ml



#21 AR-1248-1

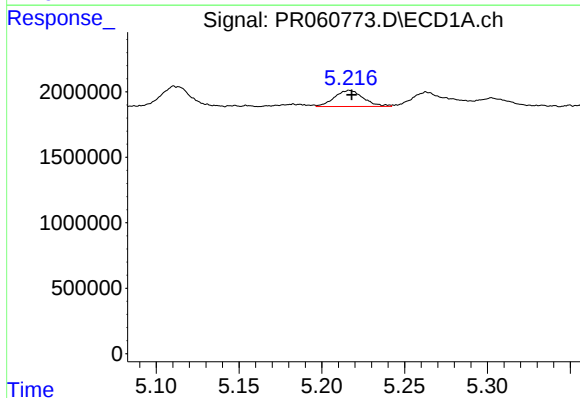
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2745709
Conc: 41.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



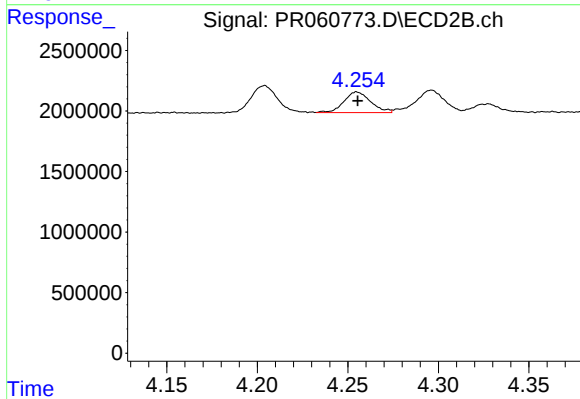
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3001322
Conc: 34.90 ng/ml



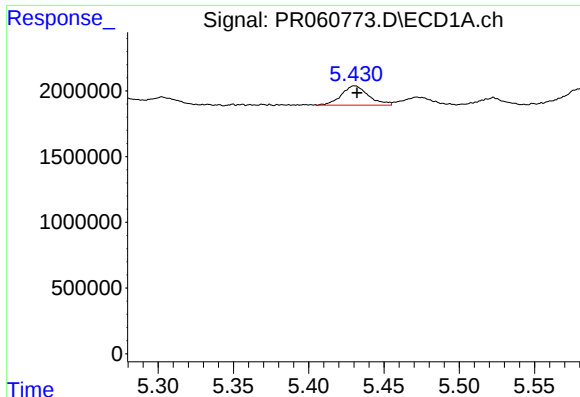
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 1502465
Conc: 16.92 ng/ml



#22 AR-1248-2

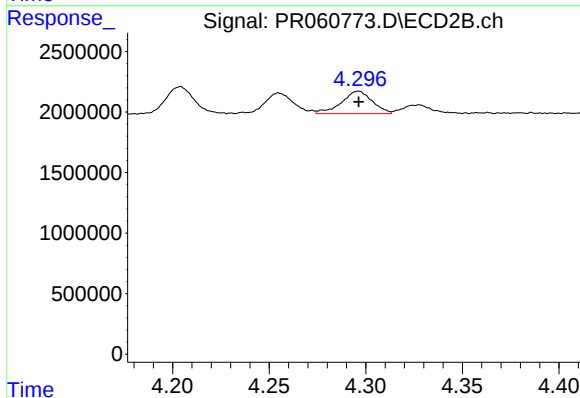
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1760762
Conc: 14.64 ng/ml



#23 AR-1248-3

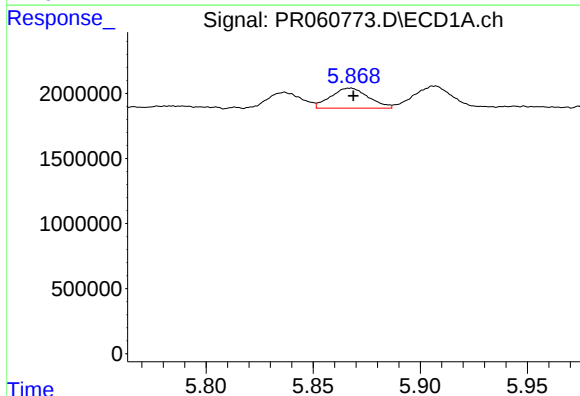
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 1829138
Conc: 17.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



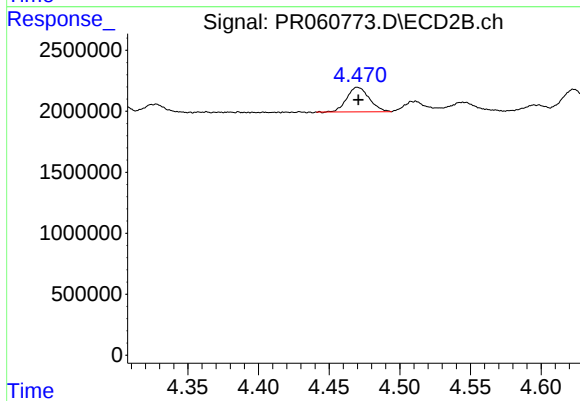
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2061317
Conc: 16.91 ng/ml



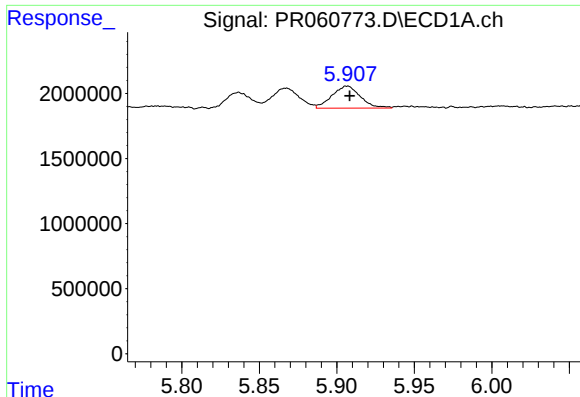
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 1899751
Conc: 15.80 ng/ml



#24 AR-1248-4

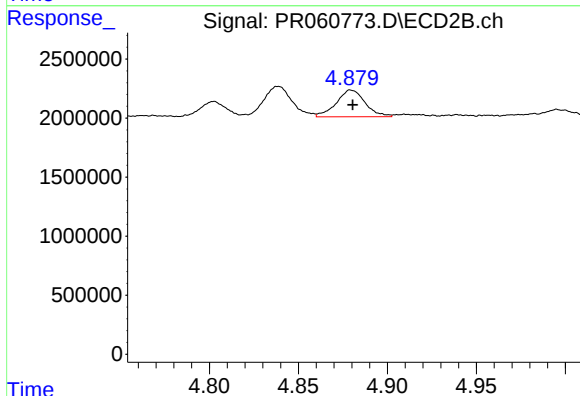
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2223066
Conc: 14.73 ng/ml



#25 AR-1248-5

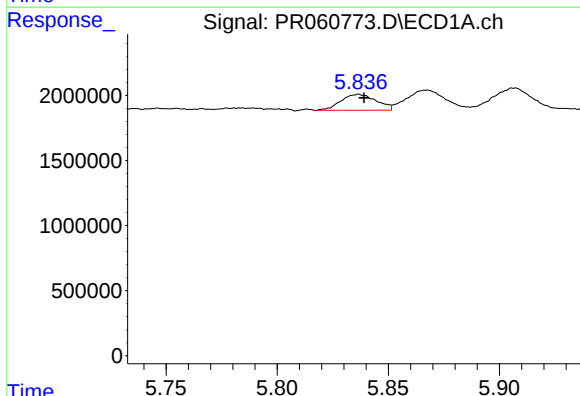
R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 2168353
Conc: 18.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



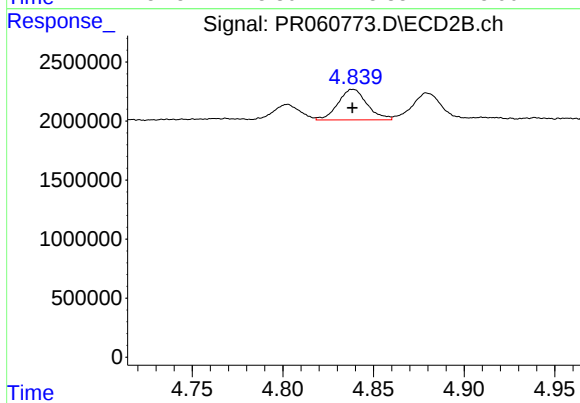
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 2547940
Conc: 16.58 ng/ml



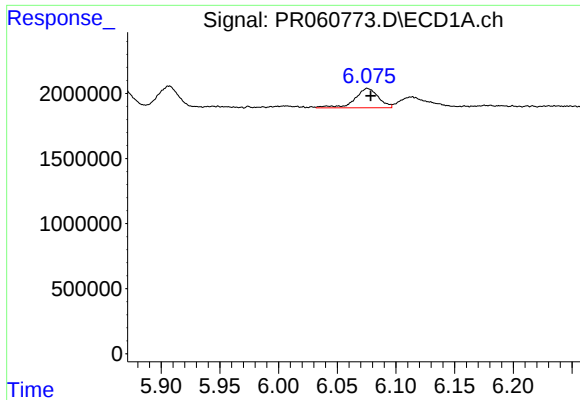
#26 AR-1254-1

R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 1357600
Conc: 11.27 ng/ml



#26 AR-1254-1

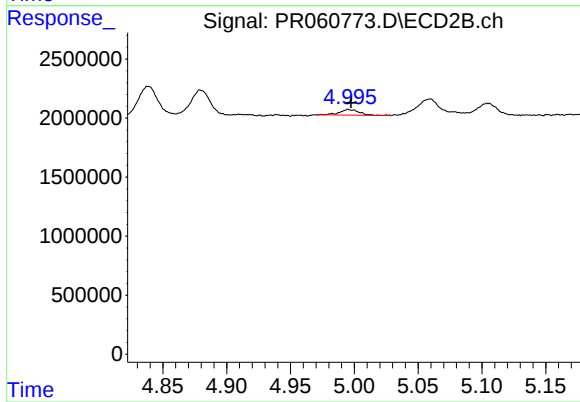
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 2890112
Conc: 11.95 ng/ml



#27 AR-1254-2

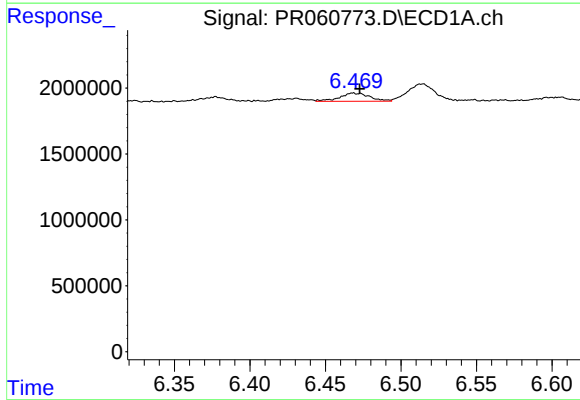
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 2079297
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



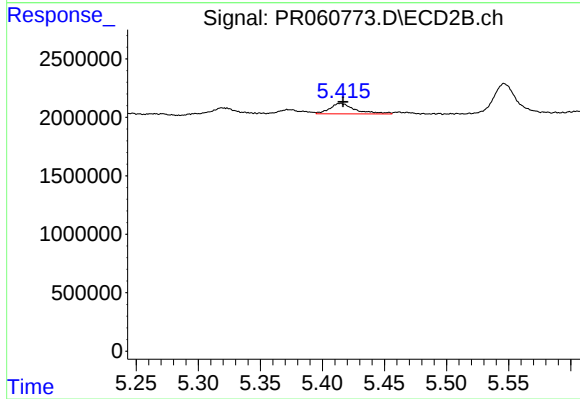
#27 AR-1254-2

R.T.: 4.995 min
Delta R.T.: -0.002 min
Response: 516741
Conc: 2.47 ng/ml



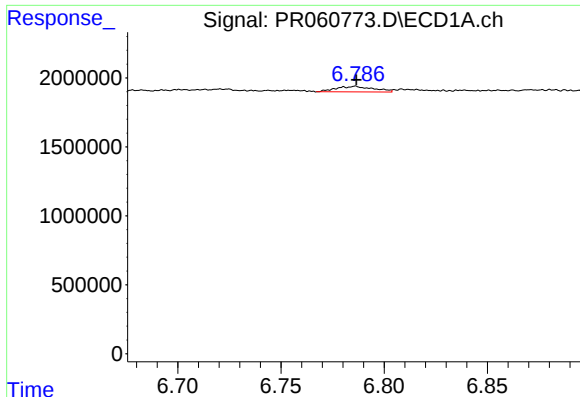
#28 AR-1254-3

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 872945
Conc: 4.25 ng/ml



#28 AR-1254-3

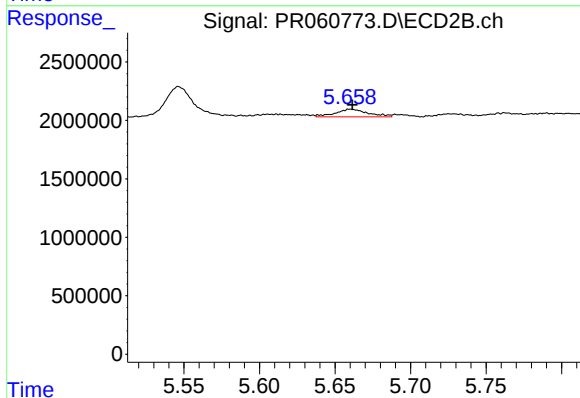
R.T.: 5.414 min
Delta R.T.: -0.002 min
Response: 1278250
Conc: 3.67 ng/ml



#29 AR-1254-4

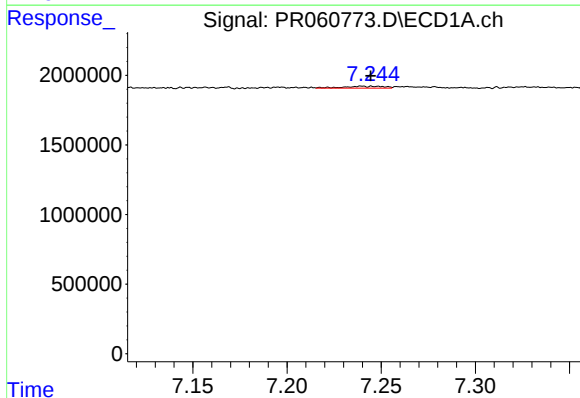
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 512022
Conc: 3.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



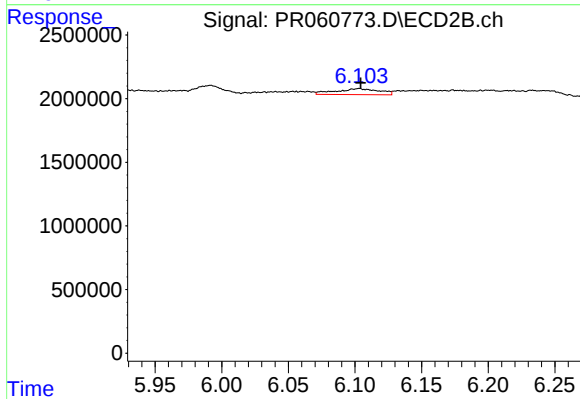
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 997564
Conc: 4.52 ng/ml



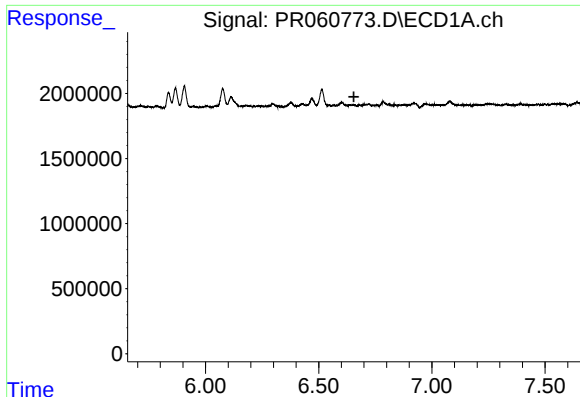
#30 AR-1254-5

R.T.: 7.240 min
Delta R.T.: -0.005 min
Response: 203477
Conc: 1.21 ng/ml



#30 AR-1254-5

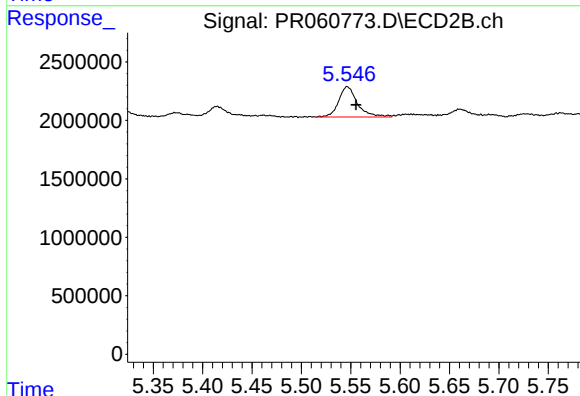
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 1065487
Conc: 3.32 ng/ml



#31 AR-1260-1

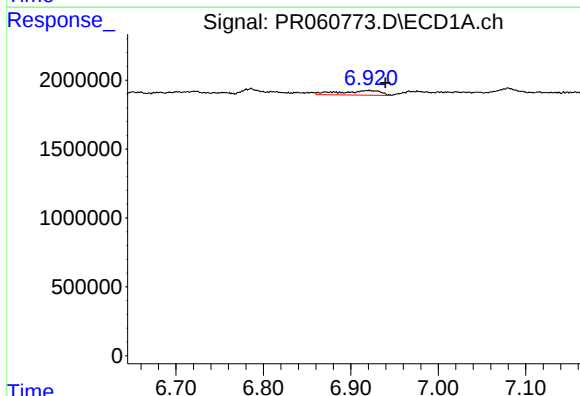
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



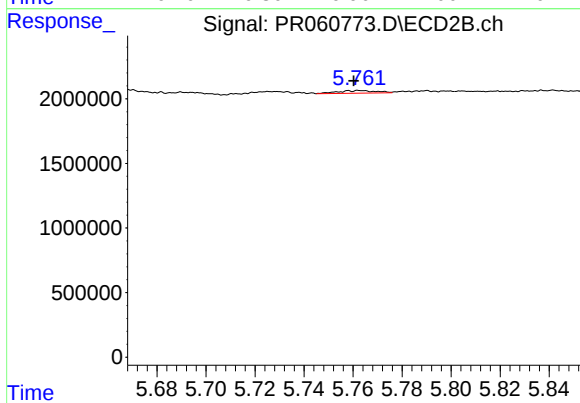
#31 AR-1260-1

R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 3450157
Conc: 14.08 ng/ml



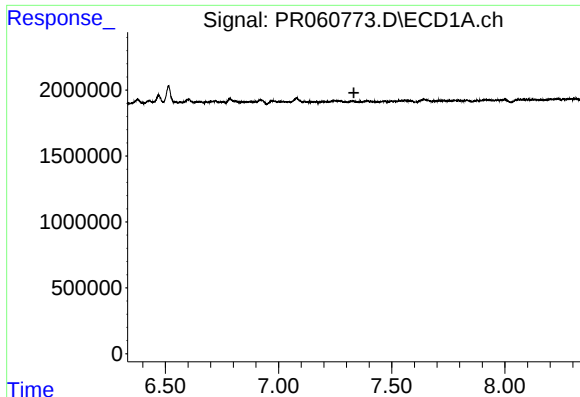
#32 AR-1260-2

R.T.: 6.921 min
Delta R.T.: -0.019 min
Response: 1081545
Conc: 5.60 ng/ml



#32 AR-1260-2

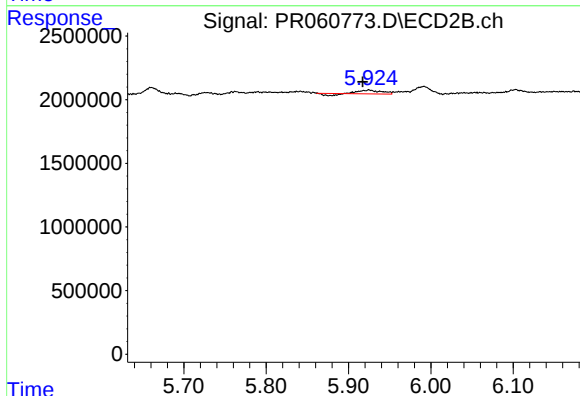
R.T.: 5.763 min
Delta R.T.: 0.003 min
Response: 222882
Conc: 0.72 ng/ml



#33 AR-1260-3

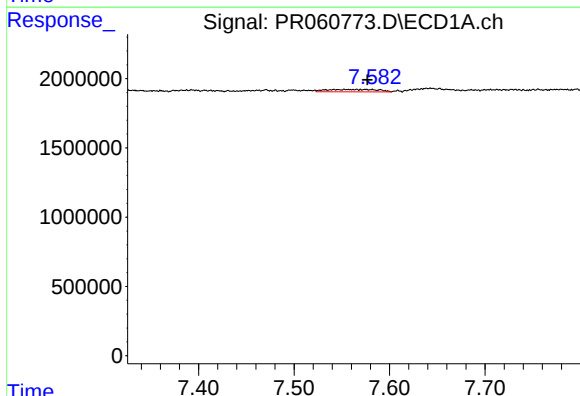
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



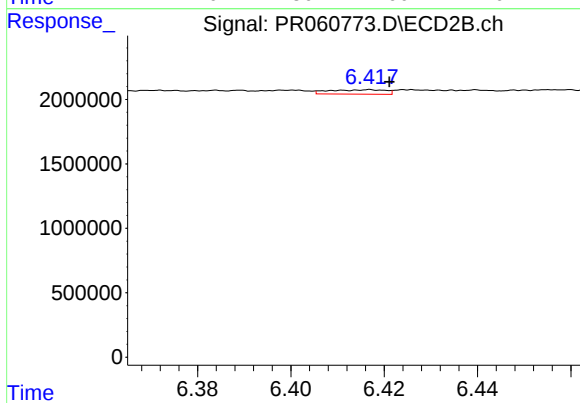
#33 AR-1260-3

R.T.: 5.925 min
Delta R.T.: 0.008 min
Response: 440424
Conc: 1.57 ng/ml



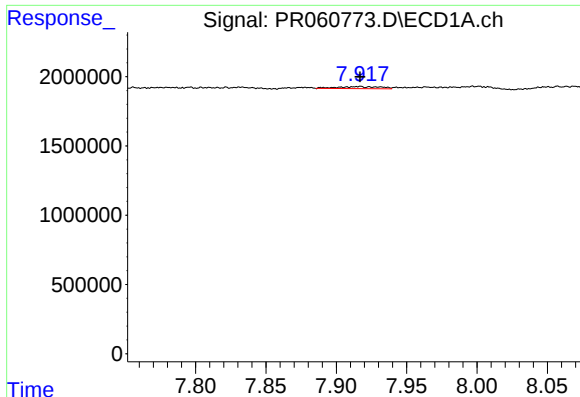
#34 AR-1260-4

R.T.: 7.566 min
Delta R.T.: -0.011 min
Response: 653663
Conc: 4.00 ng/ml



#34 AR-1260-4

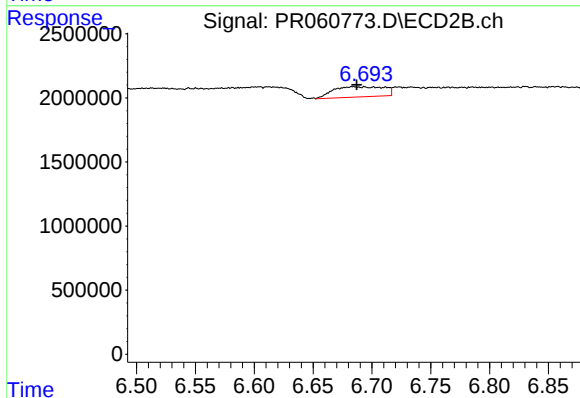
R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 285267
Conc: 1.19 ng/ml



#35 AR-1260-5

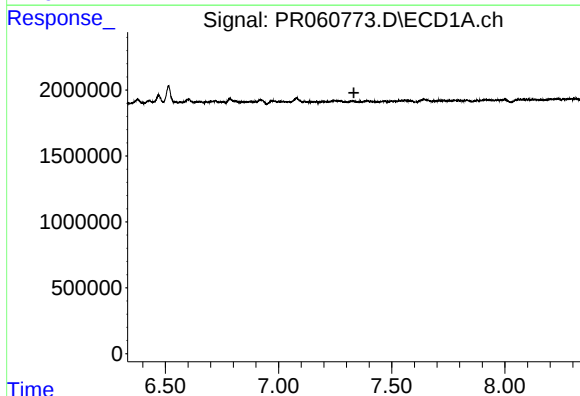
R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 318483
Conc: 1.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



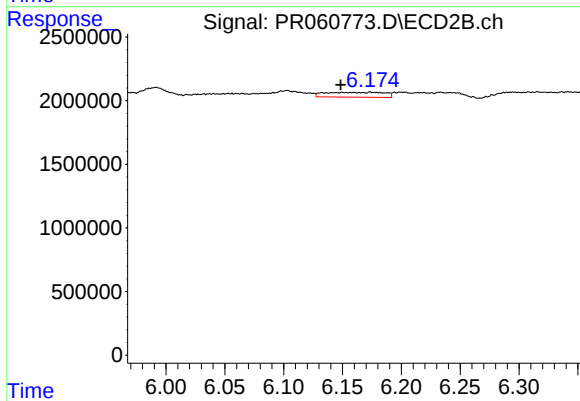
#35 AR-1260-5

R.T.: 6.684 min
Delta R.T.: -0.003 min
Response: 2395170
Conc: 4.11 ng/ml



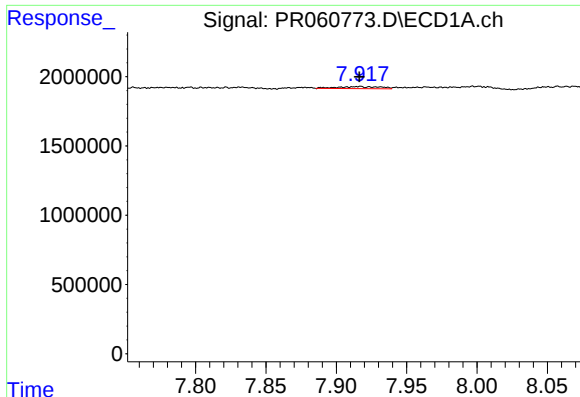
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.333 min
Response: 0
Conc: N.D.



#36 AR-1262-1

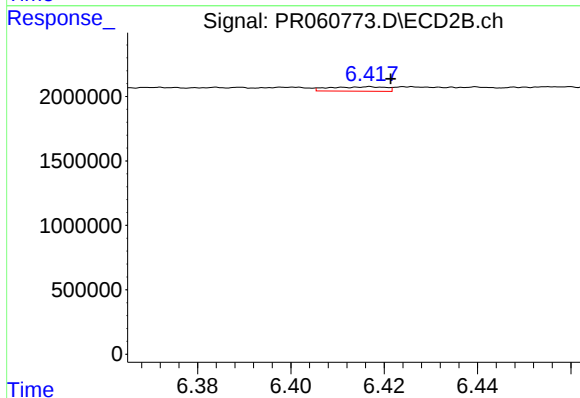
R.T.: 6.174 min
Delta R.T.: 0.025 min
Response: 1356827
Conc: 4.30 ng/ml



#37 AR-1262-2

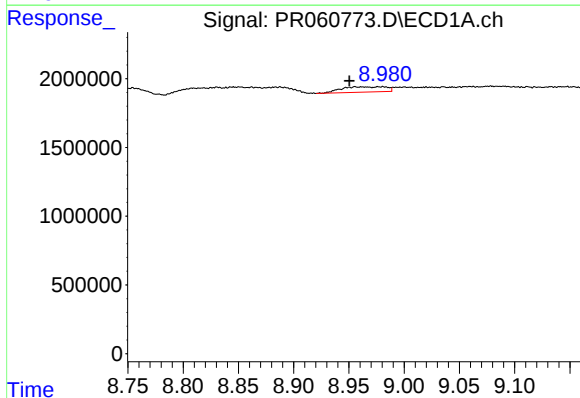
R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 318483
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



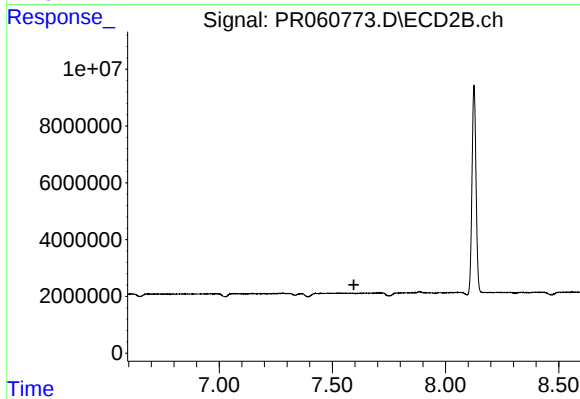
#37 AR-1262-2

R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 285267
Conc: 0.99 ng/ml



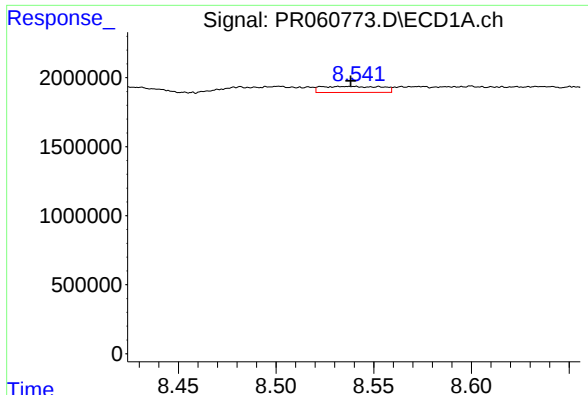
#40 AR-1262-5

R.T.: 8.980 min
Delta R.T.: 0.029 min
Response: 1097357
Conc: 8.76 ng/ml



#40 AR-1262-5

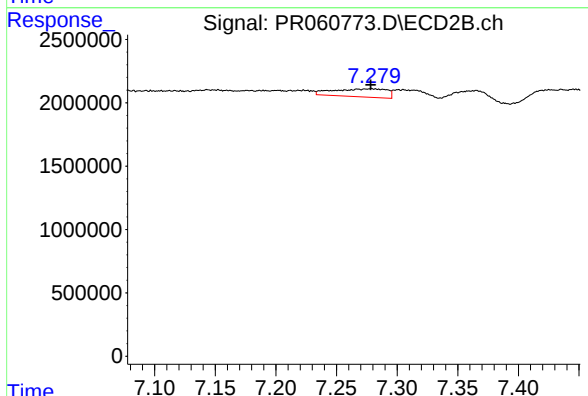
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#43 AR-1268-3

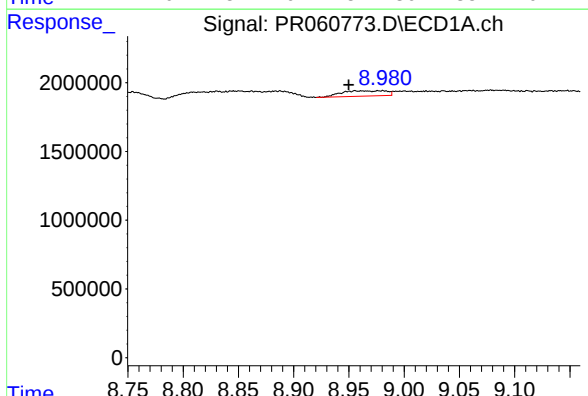
R.T.: 8.537 min
Delta R.T.: -0.001 min
Response: 947375
Conc: 2.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



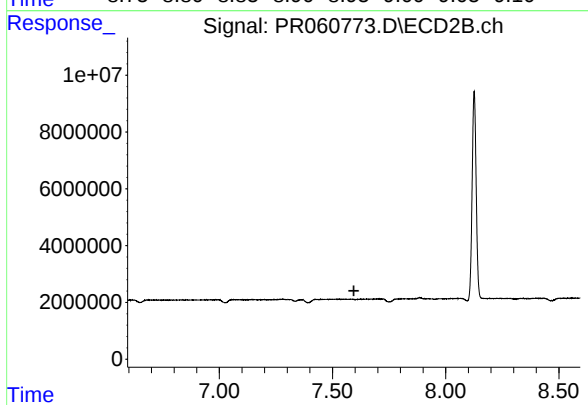
#43 AR-1268-3

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1955943
Conc: 3.44 ng/ml



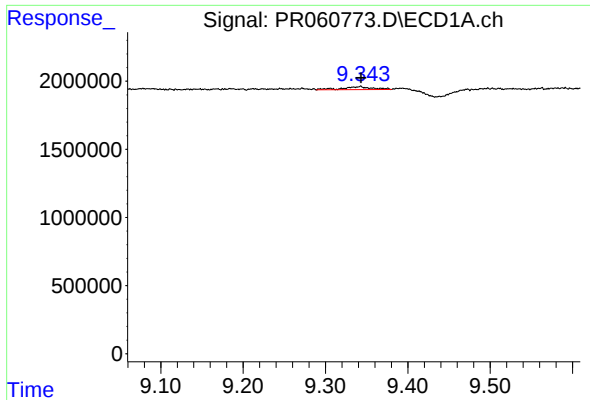
#44 AR-1268-4

R.T.: 8.980 min
Delta R.T.: 0.030 min
Response: 1097357
Conc: 7.64 ng/ml



#44 AR-1268-4

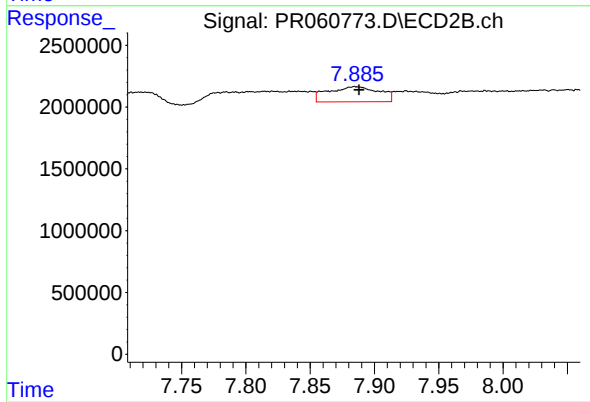
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.002 min
Response: 522879
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 3385845
Conc: 1.80 ng/ml