

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060762.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 04:03
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:11:03 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	67733331	86879112	22.186	20.414
2)	SA Decachlor...	9.657	8.126	66828785	92962759	23.558	21.384
Target Compounds							
3)	L1 AR-1016-1	4.922	4.009	2802527	3046165	25.316	20.601
4)	L1 AR-1016-2	4.944	4.027	3987307	4389399	25.620	20.692
5)	L1 AR-1016-3	5.009	4.204	2675432	2246166	27.421	20.383 #
6)	L1 AR-1016-4	5.113	4.255	1988567	1702242	25.554	19.913
7)	L1 AR-1016-5	5.431	4.470	1923346	2263445	24.183	19.819
8)	L2 AR-1221-1	3.909	3.124	1593712	1947654	40.228	41.008
9)	L2 AR-1221-2	4.002	3.206	1825581	2618511	62.875	73.815
10)	L2 AR-1221-3	4.080	3.285	4078014	4716985	45.613	41.682
11)	L3 AR-1232-1	4.080	3.285	4078014	4716985	54.781	50.562
12)	L3 AR-1232-2	4.634	4.027	2039732	4389399	56.109	47.996
13)	L3 AR-1232-3	4.944	4.204	3987307	2246166	56.589	48.485
14)	L3 AR-1232-4	5.113	4.296	1988567	2113323	57.651	51.765
15)	L3 AR-1232-5	5.218	4.470	1557795	2263445	59.442	48.171
16)	L4 AR-1242-1	4.922	4.009	2802527	3046165	31.758	26.228
17)	L4 AR-1242-2	4.944	4.027	3987307	4389399	32.141	26.325
18)	L4 AR-1242-3	5.009	4.204	2675432	2246166	34.243	26.181
19)	L4 AR-1242-4	5.113	4.296	1988567	2113323	31.754	26.129
20)	L4 AR-1242-5	5.908	4.839	2440958	2764722	35.256	25.664 #
21)	L5 AR-1248-1	4.922	4.009	2802527	3046165	42.173	35.426
22)	L5 AR-1248-2	5.218	4.255	1557795	1702242	17.544	14.157
23)	L5 AR-1248-3	5.431	4.296	1923346	2113323	18.268	17.337
24)	L5 AR-1248-4	5.867	4.470	2040015	2263445	16.968	14.995
25)	L5 AR-1248-5	5.908	4.880	2440958	2396817	20.620	15.594
26)	L6 AR-1254-1	5.837	4.839	1569483	2764722	13.031	11.435
27)	L6 AR-1254-2	6.077	4.997	2505375	501233	13.141	2.399 #
28)	L6 AR-1254-3	6.471	5.416	1525081	968564	7.432	2.783 #
29)	L6 AR-1254-4	6.788	5.662	1783091	1673022	11.454	7.588 #
30)	L6 AR-1254-5	7.247	6.106	898401	1125083	5.340	3.510 #
31)	L7 AR-1260-1	6.656	5.546	1224234	2030991	7.684	8.286
32)	L7 AR-1260-2	6.919f	5.762	1692137	371605	8.769	1.196 #
33)	L7 AR-1260-3	0.000	5.923	0	865277	N.D.	3.082 #
34)	L7 AR-1260-4	7.587	0.000	419196	0	2.564	N.D. #
35)	L7 AR-1260-5	7.908	6.688	205630	586473	0.650	1.007 #
36)	L8 AR-1262-1	0.000	6.151	0	345145	N.D.	1.094 #
37)	L8 AR-1262-2	7.908	0.000	205630	0	0.610	N.D. #
39)	L8 AR-1262-4	0.000	7.062	0	528224	N.D.	1.228 #
40)	L8 AR-1262-5	8.943	0.000	607797	0	4.852	N.D. #
42)	L9 AR-1268-2	0.000	7.062	0	528224	N.D.	0.790 #
43)	L9 AR-1268-3	8.534	7.282	242488	6519715	0.756	11.471 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:11:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	8.943	0.000	607797	0	4.230	N.D. #
45) L9	AR-1268-5	9.345	7.885	217109	1151139	0.205	0.612 #

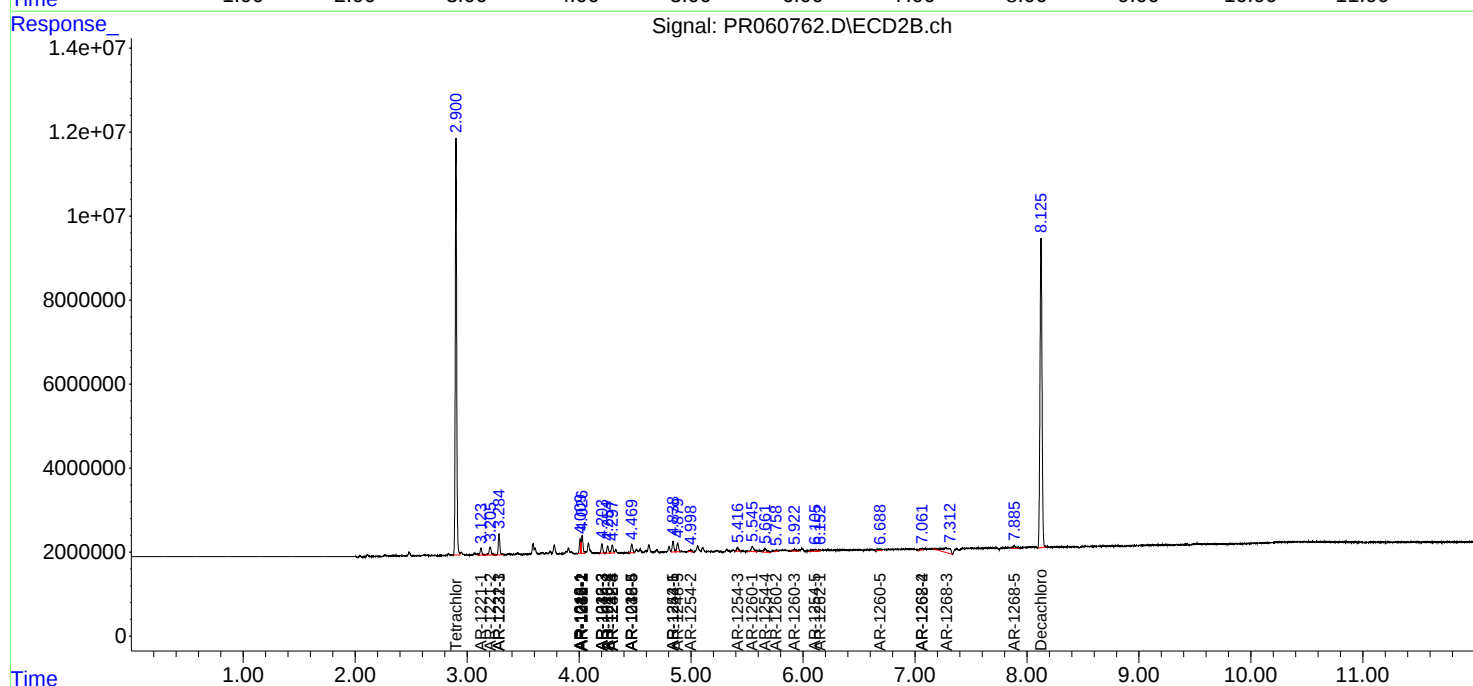
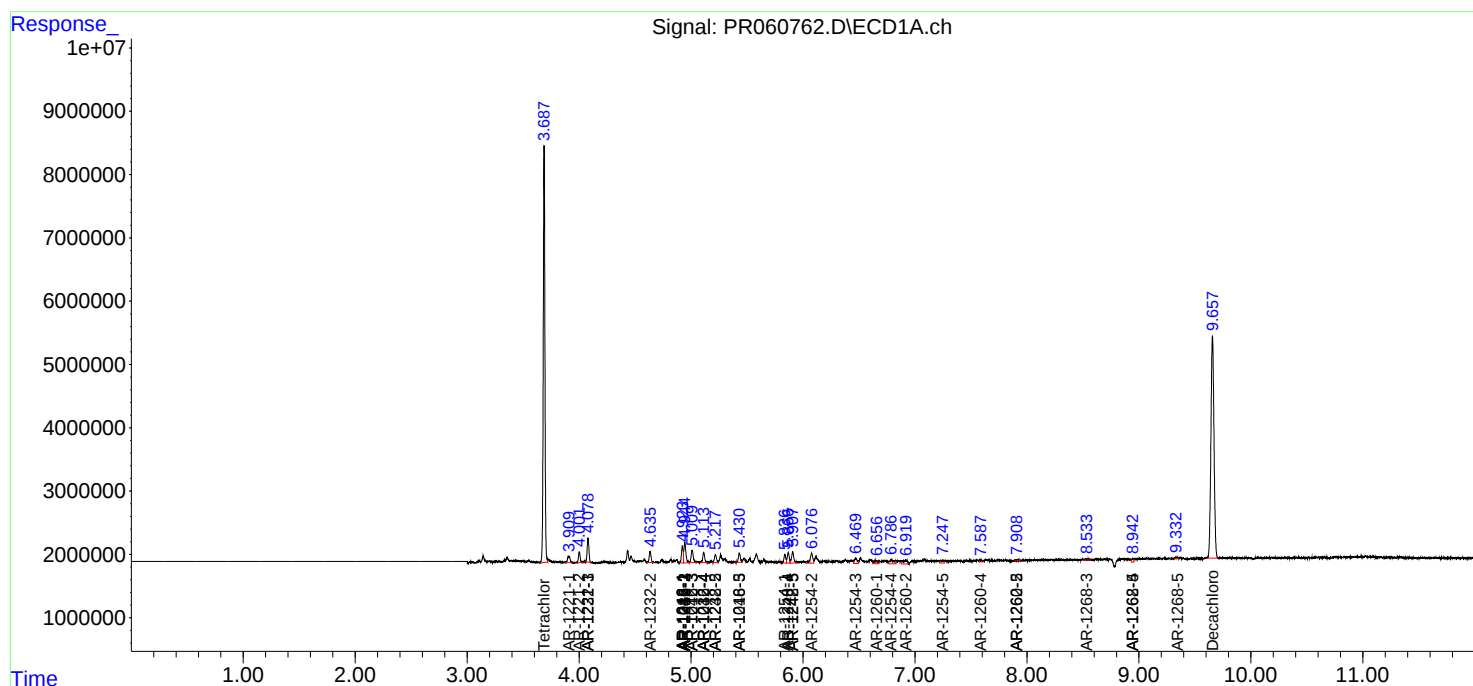
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

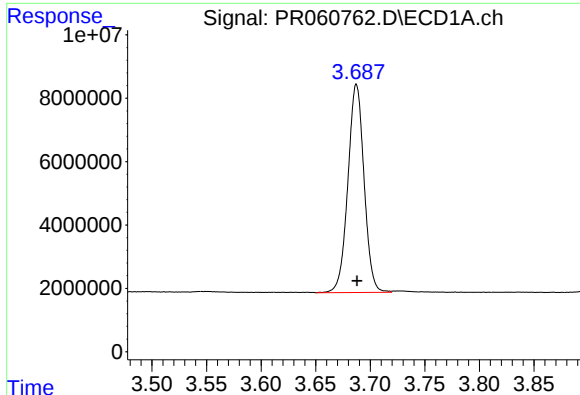
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

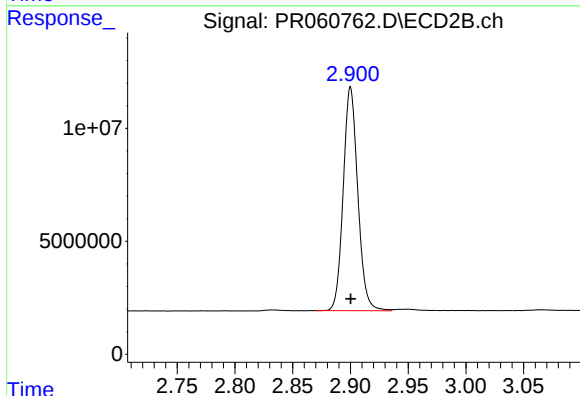




#1 Tetrachloro-m-xylene

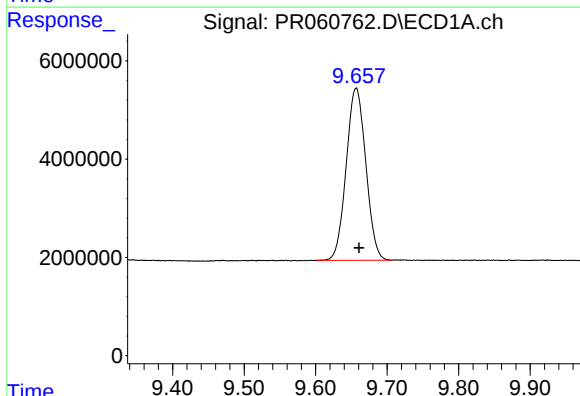
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 67733331
Conc: 22.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



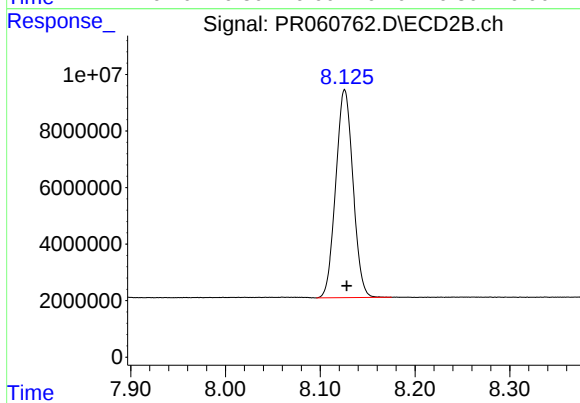
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 86879112
Conc: 20.41 ng/ml



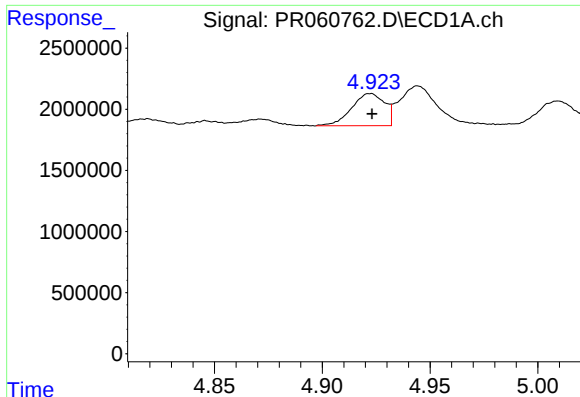
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 66828785
Conc: 23.56 ng/ml



#2 Decachlorobiphenyl

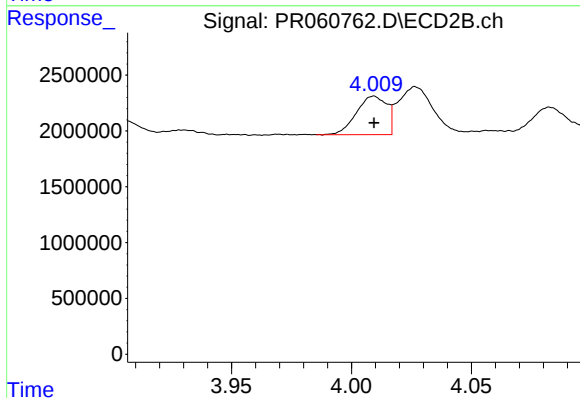
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 92962759
Conc: 21.38 ng/ml



#3 AR-1016-1

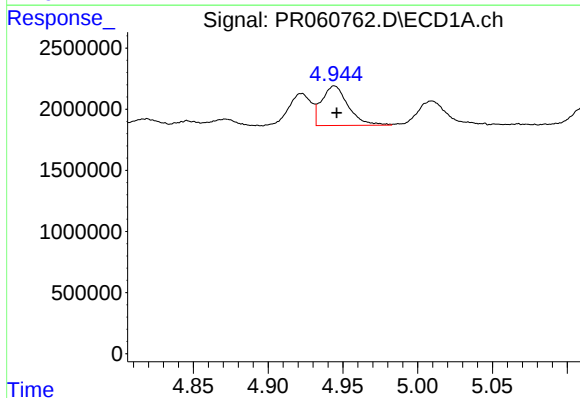
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2802527
Conc: 25.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



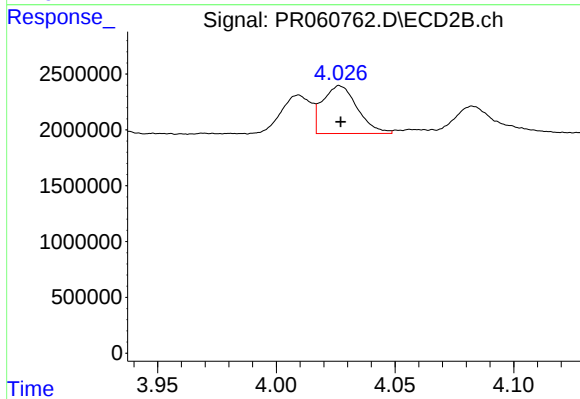
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3046165
Conc: 20.60 ng/ml



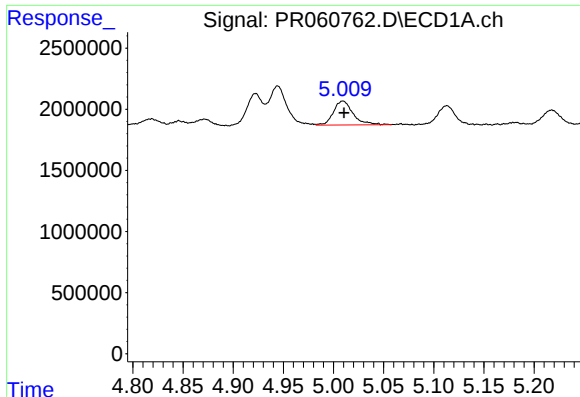
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 3987307
Conc: 25.62 ng/ml



#4 AR-1016-2

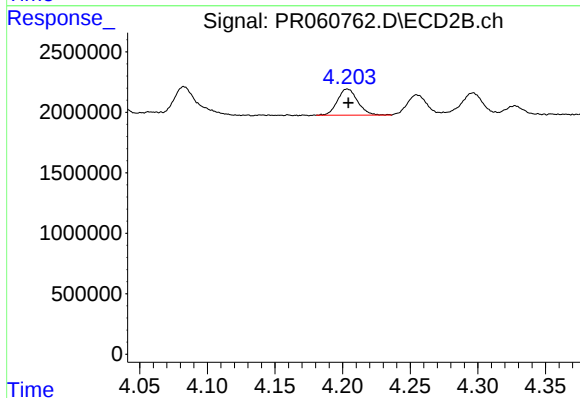
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4389399
Conc: 20.69 ng/ml



#5 AR-1016-3

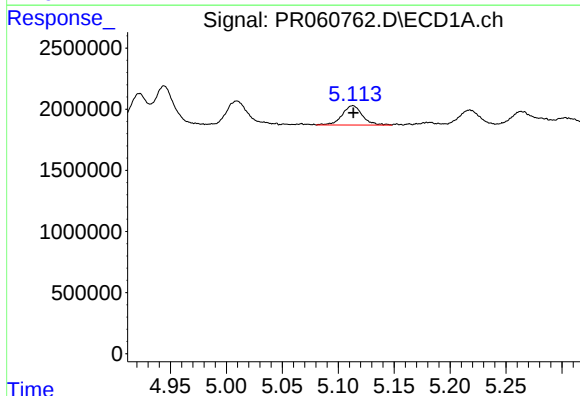
R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 2675432
Conc: 27.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



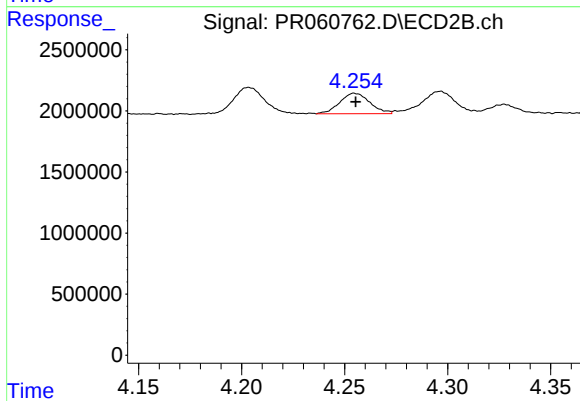
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2246166
Conc: 20.38 ng/ml



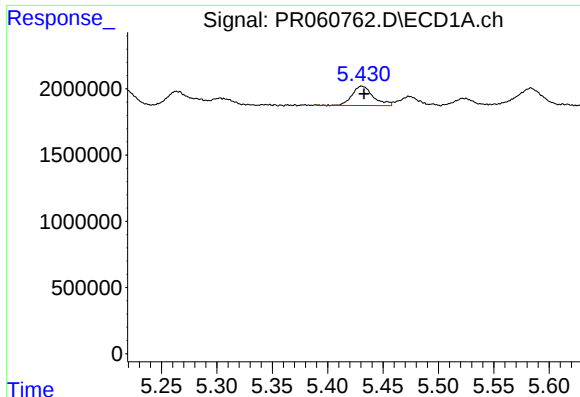
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 1988567
Conc: 25.55 ng/ml



#6 AR-1016-4

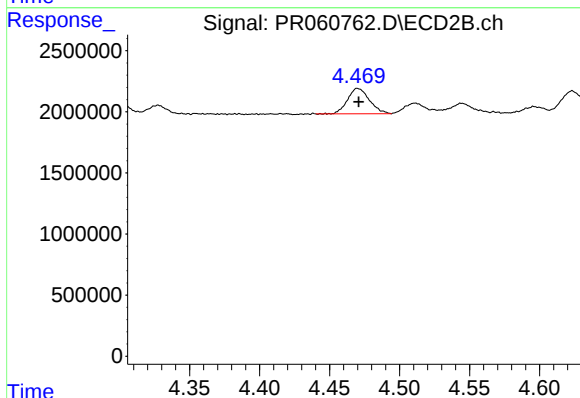
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1702242
Conc: 19.91 ng/ml



#7 AR-1016-5

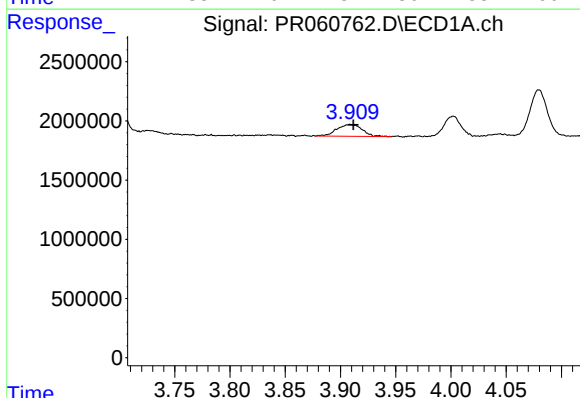
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 1923346
Conc: 24.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



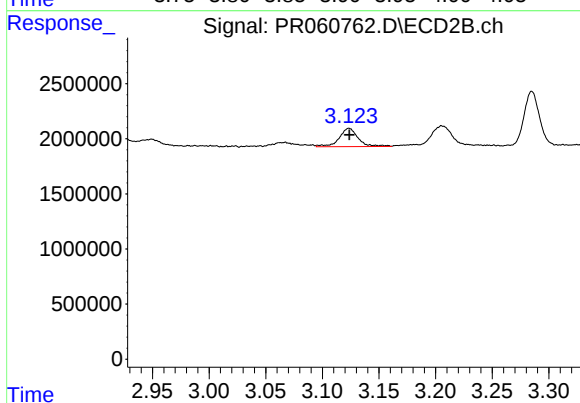
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2263445
Conc: 19.82 ng/ml



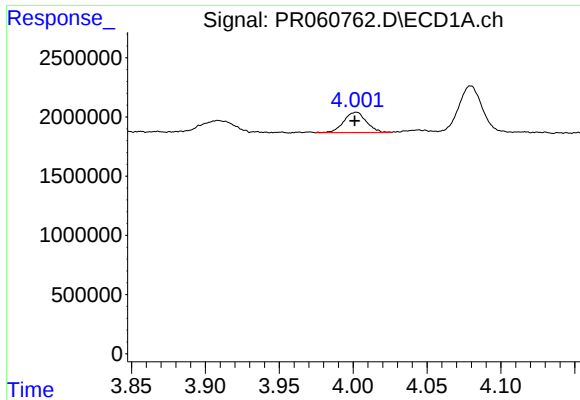
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.003 min
Response: 1593712
Conc: 40.23 ng/ml



#8 AR-1221-1

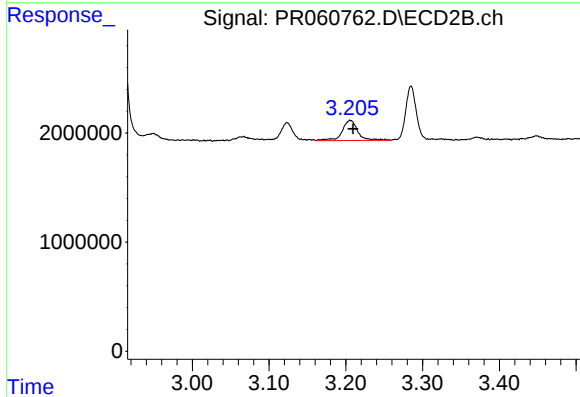
R.T.: 3.124 min
Delta R.T.: 0.000 min
Response: 1947654
Conc: 41.01 ng/ml



#9 AR-1221-2

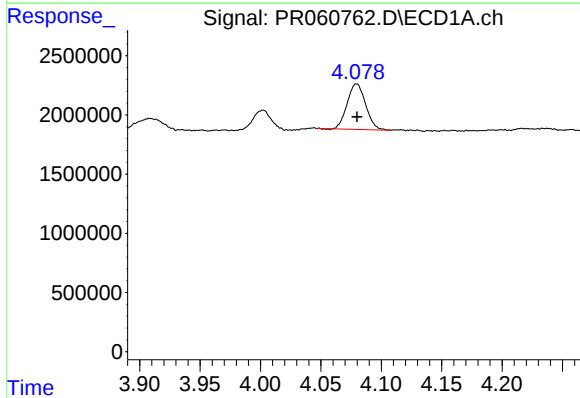
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1825581
Conc: 62.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



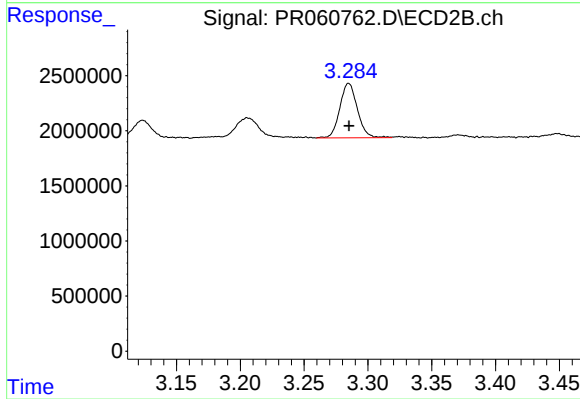
#9 AR-1221-2

R.T.: 3.206 min
Delta R.T.: -0.003 min
Response: 2618511
Conc: 73.81 ng/ml



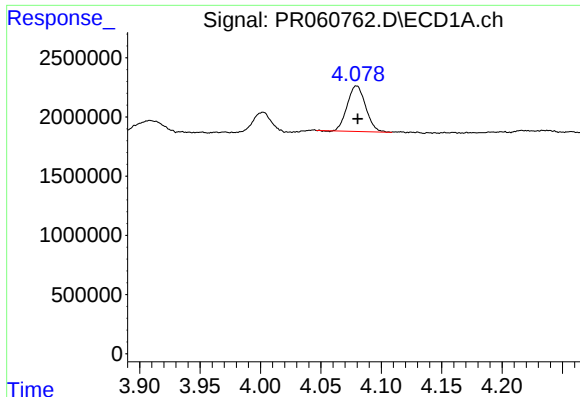
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 4078014
Conc: 45.61 ng/ml



#10 AR-1221-3

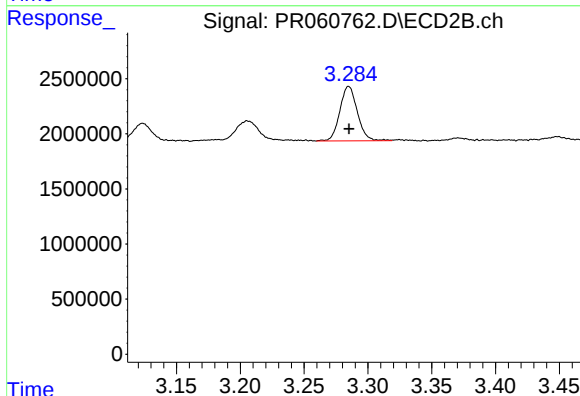
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 4716985
Conc: 41.68 ng/ml



#11 AR-1232-1

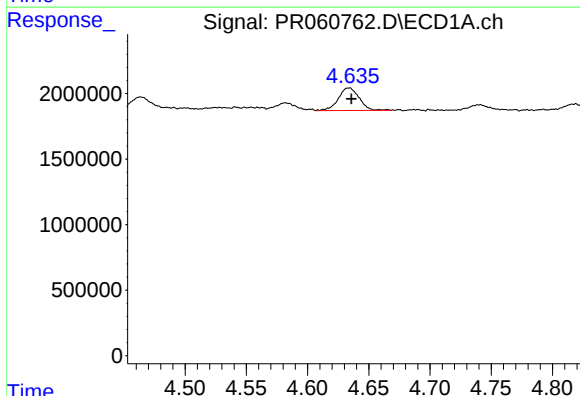
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 4078014
Conc: 54.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



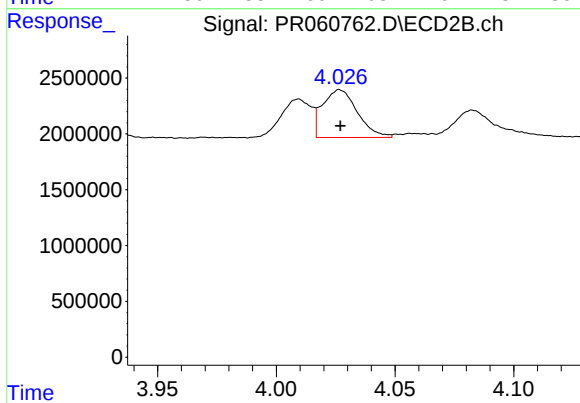
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 4716985
Conc: 50.56 ng/ml



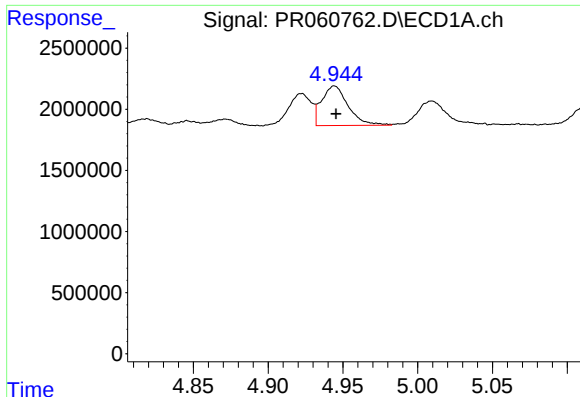
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 2039732
Conc: 56.11 ng/ml



#12 AR-1232-2

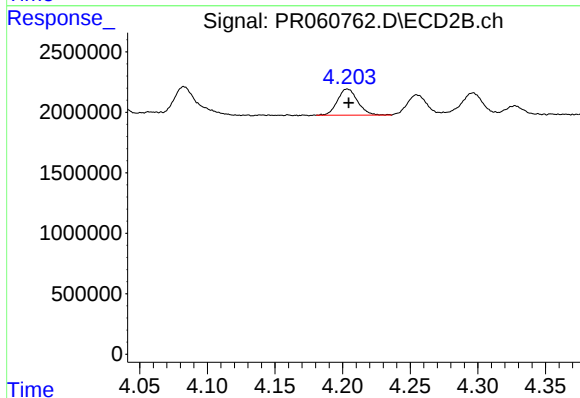
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4389399
Conc: 48.00 ng/ml



#13 AR-1232-3

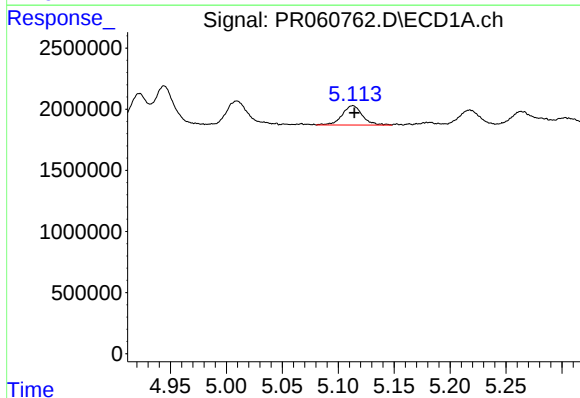
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 3987307
Conc: 56.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



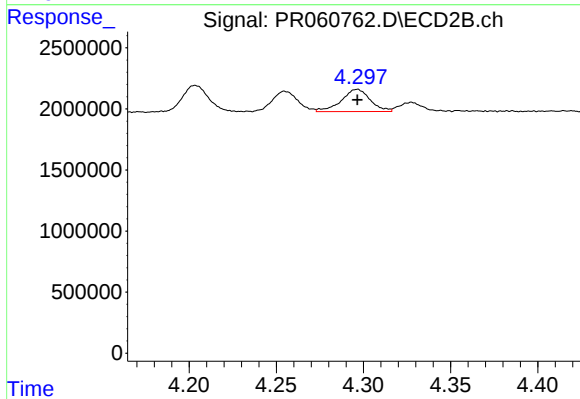
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: -0.001 min
Response: 2246166
Conc: 48.48 ng/ml



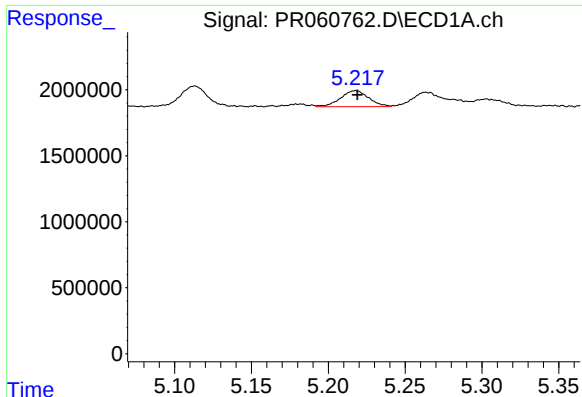
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 1988567
Conc: 57.65 ng/ml



#14 AR-1232-4

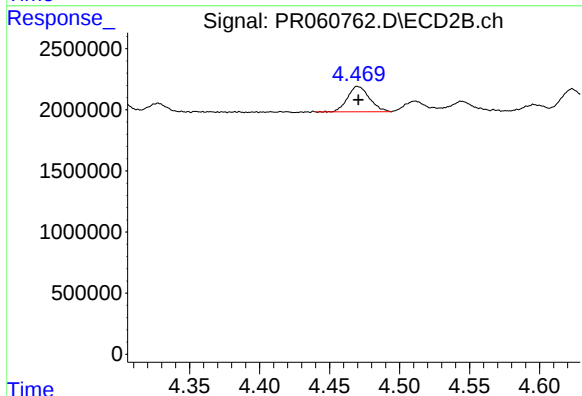
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2113323
Conc: 51.77 ng/ml



#15 AR-1232-5

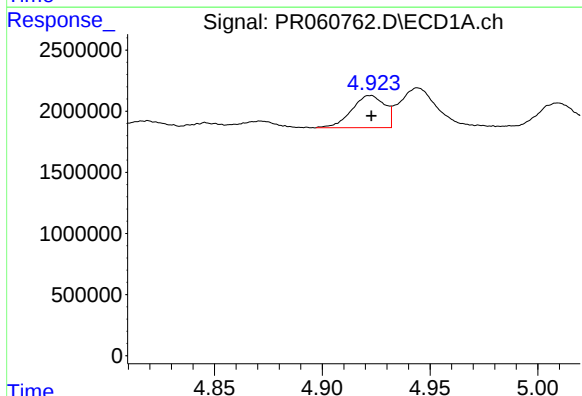
R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 1557795
Conc: 59.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



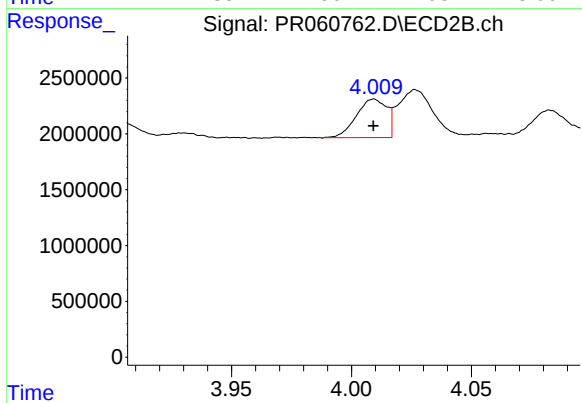
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2263445
Conc: 48.17 ng/ml



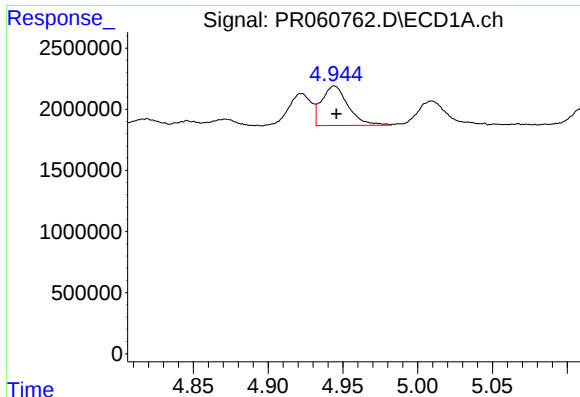
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2802527
Conc: 31.76 ng/ml



#16 AR-1242-1

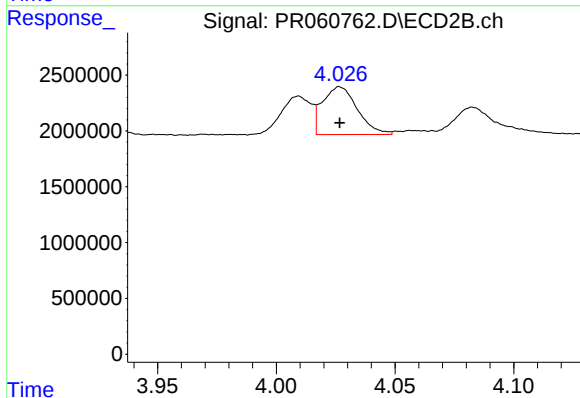
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3046165
Conc: 26.23 ng/ml



#17 AR-1242-2

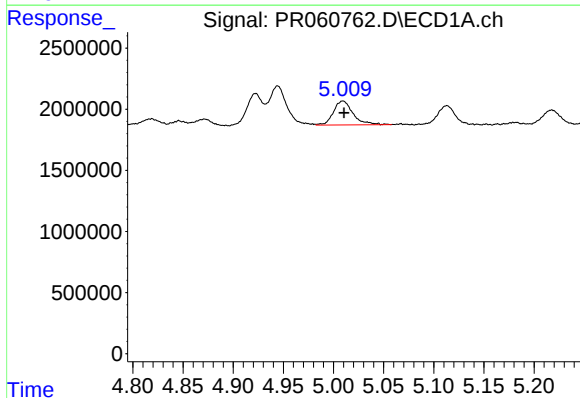
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 3987307
Conc: 32.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



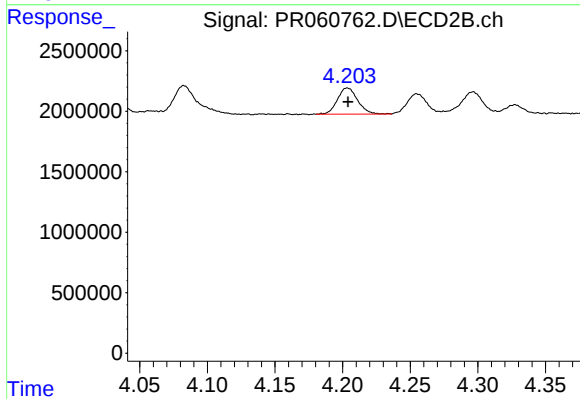
#17 AR-1242-2

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4389399
Conc: 26.32 ng/ml



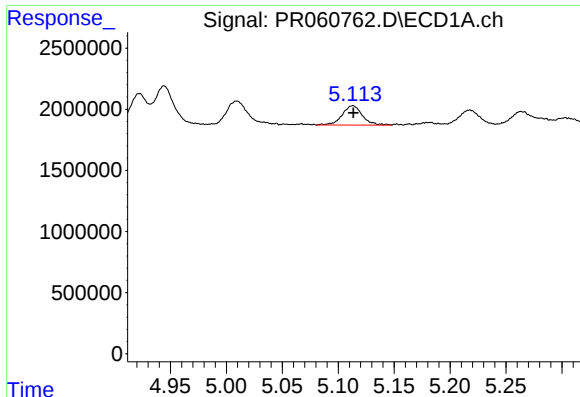
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 2675432
Conc: 34.24 ng/ml



#18 AR-1242-3

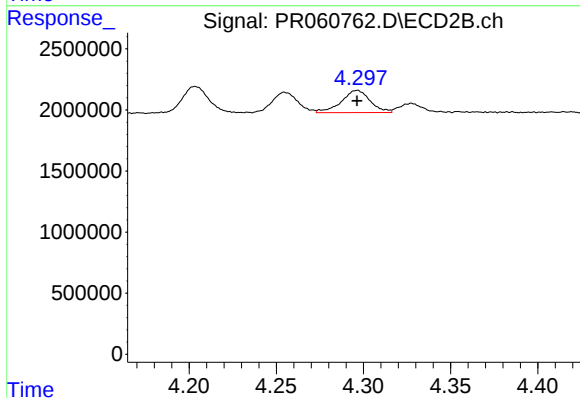
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2246166
Conc: 26.18 ng/ml



#19 AR-1242-4

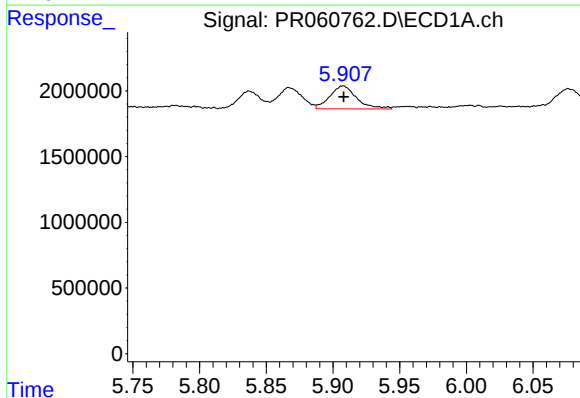
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 1988567
Conc: 31.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



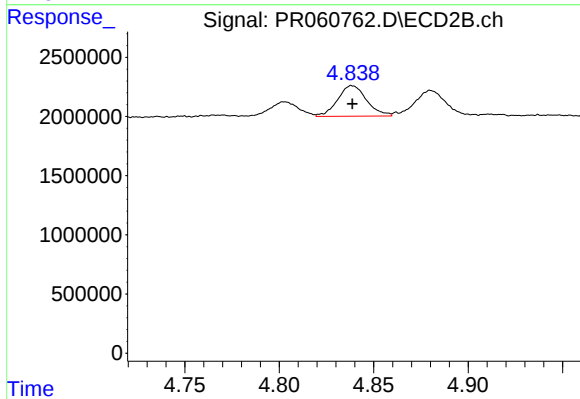
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2113323
Conc: 26.13 ng/ml



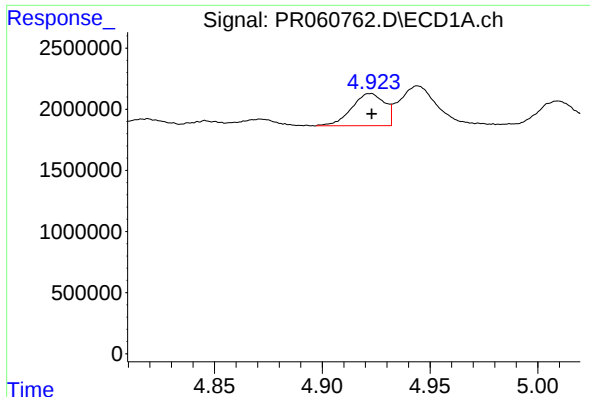
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 2440958
Conc: 35.26 ng/ml



#20 AR-1242-5

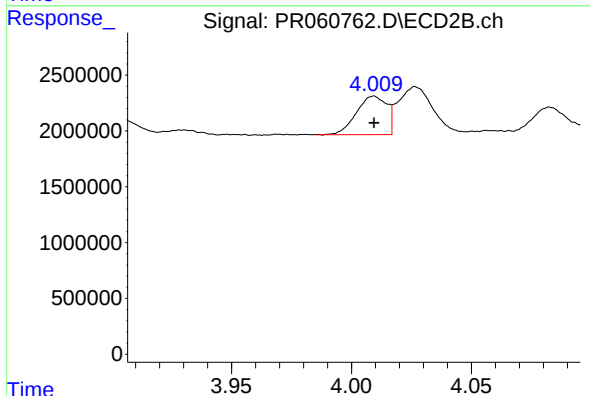
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 2764722
Conc: 25.66 ng/ml



#21 AR-1248-1

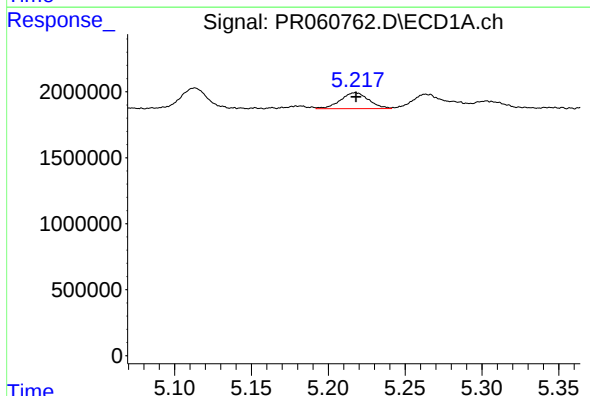
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2802527
Conc: 42.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



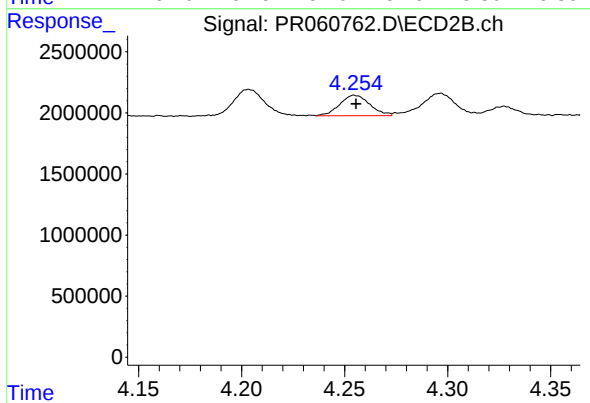
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 3046165
Conc: 35.43 ng/ml



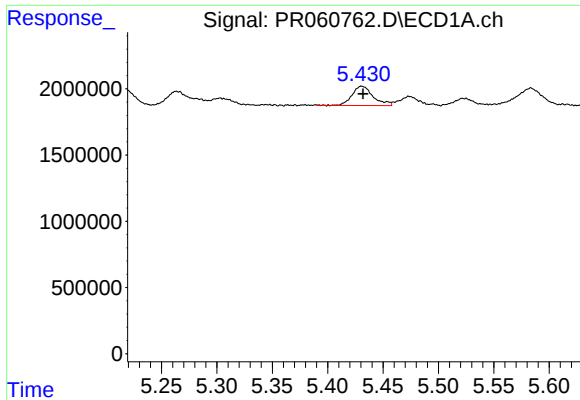
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 1557795
Conc: 17.54 ng/ml



#22 AR-1248-2

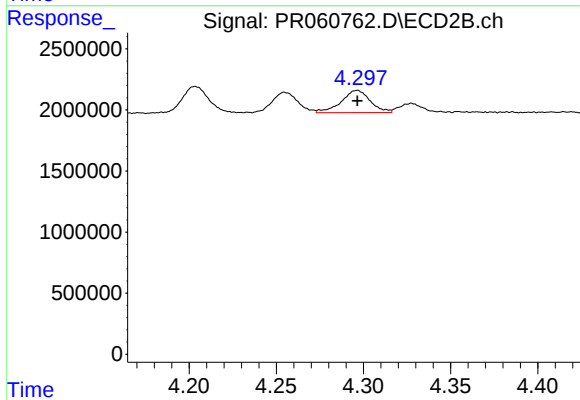
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1702242
Conc: 14.16 ng/ml



#23 AR-1248-3

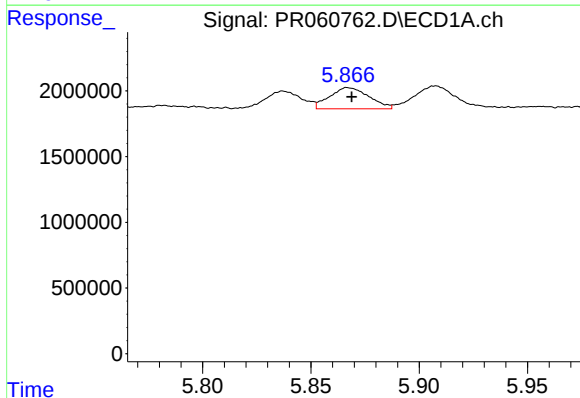
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 1923346
Conc: 18.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



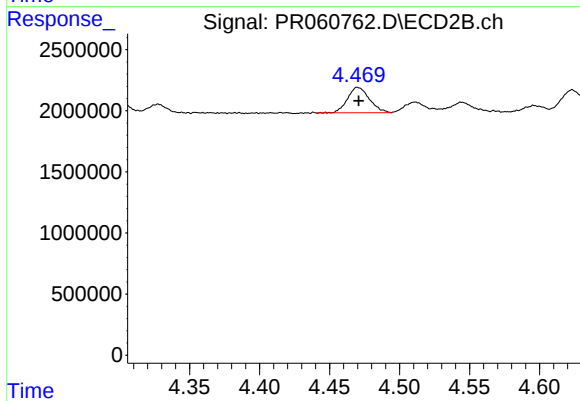
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2113323
Conc: 17.34 ng/ml



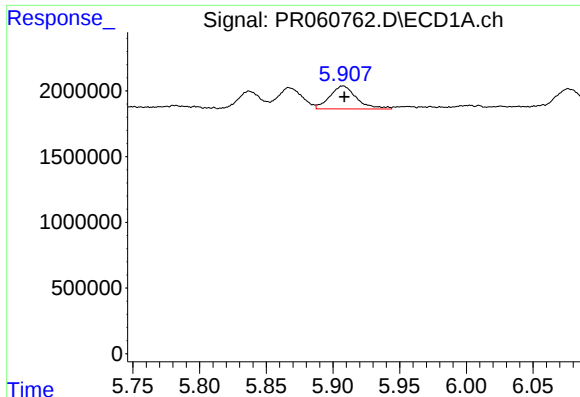
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 2040015
Conc: 16.97 ng/ml



#24 AR-1248-4

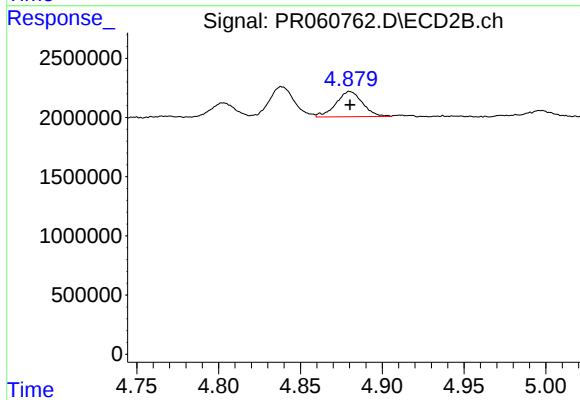
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2263445
Conc: 15.00 ng/ml



#25 AR-1248-5

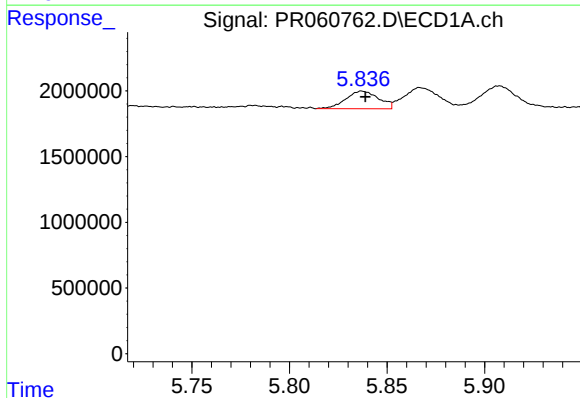
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 2440958
Conc: 20.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



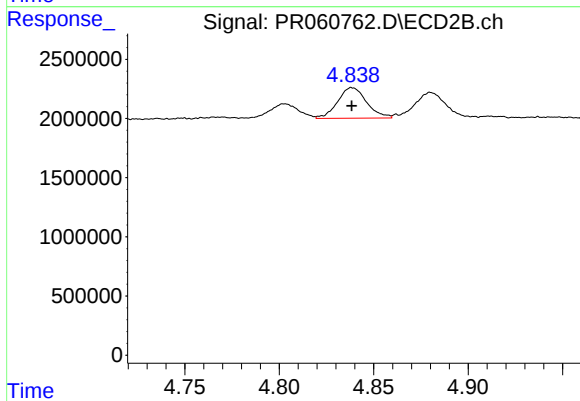
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 2396817
Conc: 15.59 ng/ml



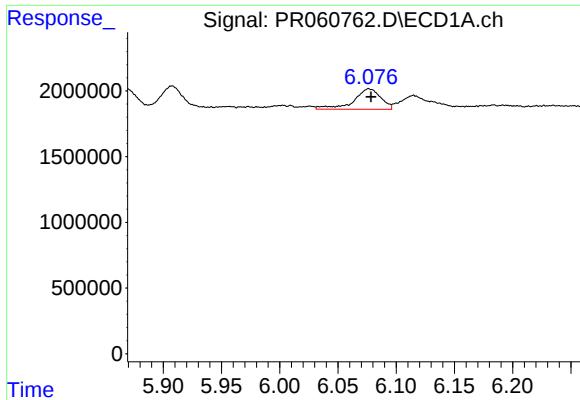
#26 AR-1254-1

R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 1569483
Conc: 13.03 ng/ml



#26 AR-1254-1

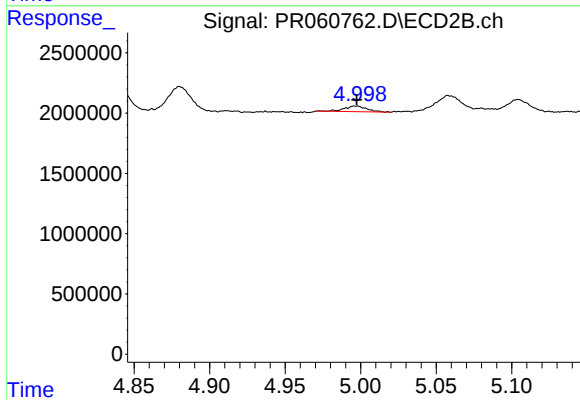
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 2764722
Conc: 11.43 ng/ml



#27 AR-1254-2

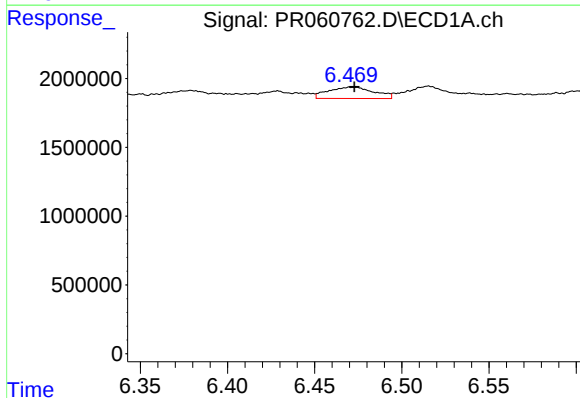
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 2505375
Conc: 13.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



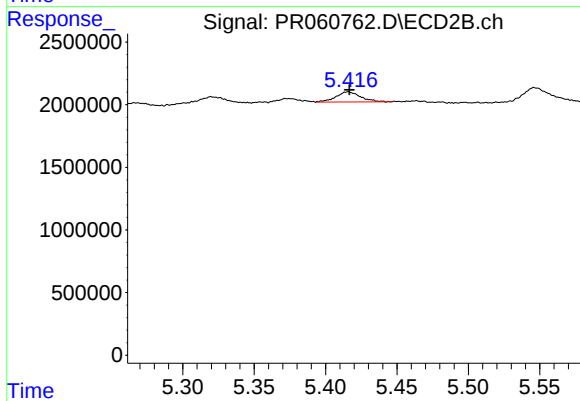
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 501233
Conc: 2.40 ng/ml



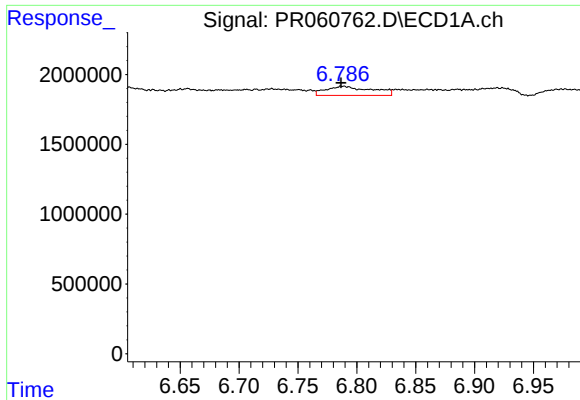
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 1525081
Conc: 7.43 ng/ml



#28 AR-1254-3

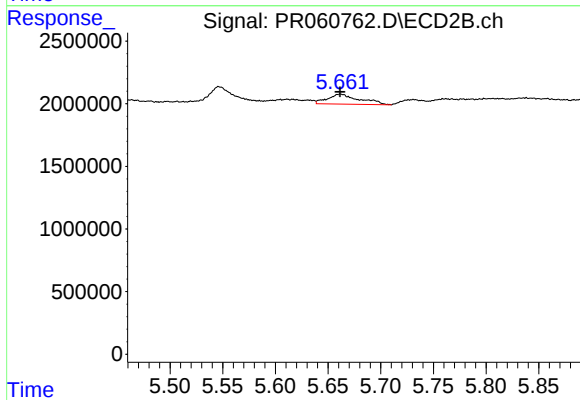
R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 968564
Conc: 2.78 ng/ml



#29 AR-1254-4

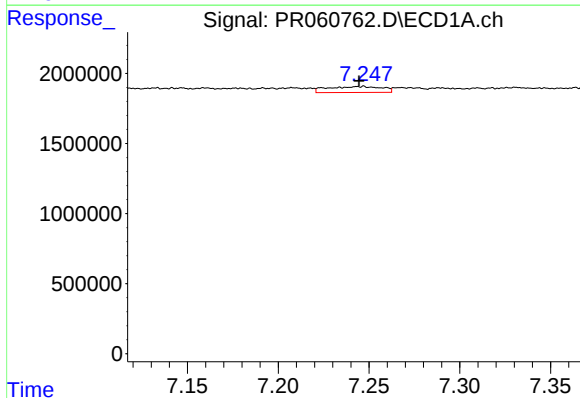
R.T.: 6.788 min
Delta R.T.: 0.001 min
Response: 1783091
Conc: 11.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



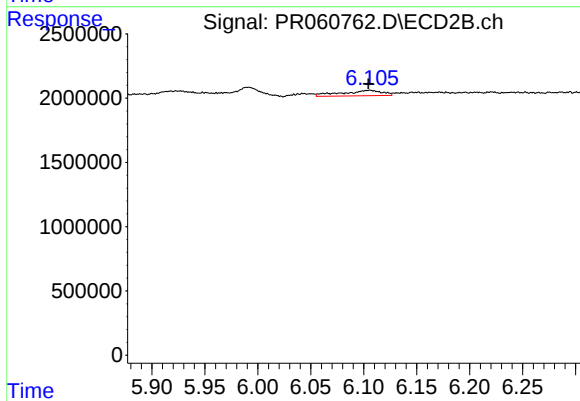
#29 AR-1254-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 1673022
Conc: 7.59 ng/ml



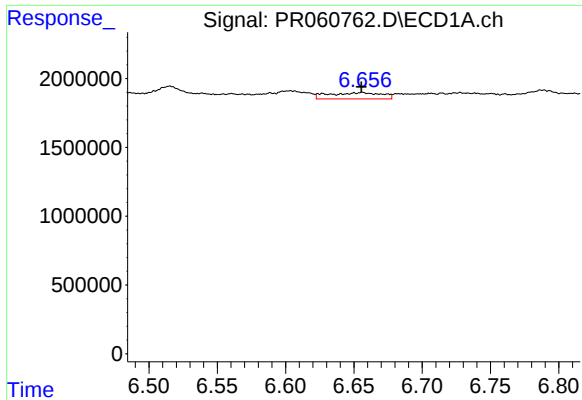
#30 AR-1254-5

R.T.: 7.247 min
Delta R.T.: 0.002 min
Response: 898401
Conc: 5.34 ng/ml



#30 AR-1254-5

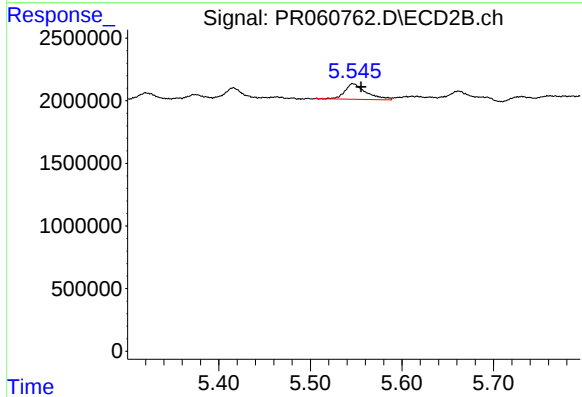
R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 1125083
Conc: 3.51 ng/ml



#31 AR-1260-1

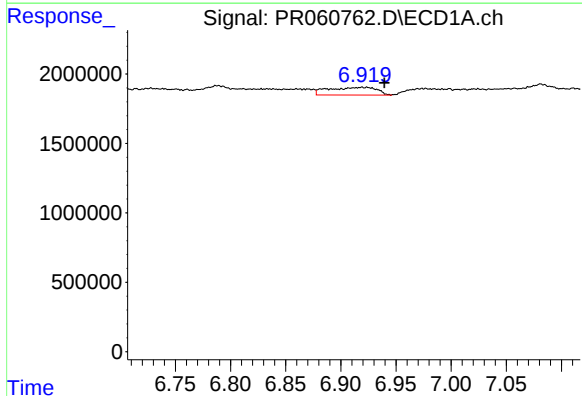
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 1224234
Conc: 7.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



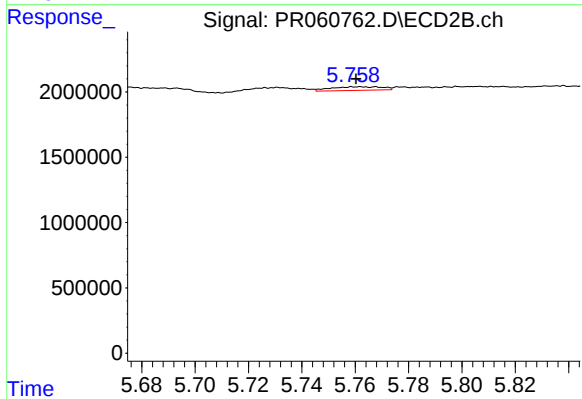
#31 AR-1260-1

R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 2030991
Conc: 8.29 ng/ml



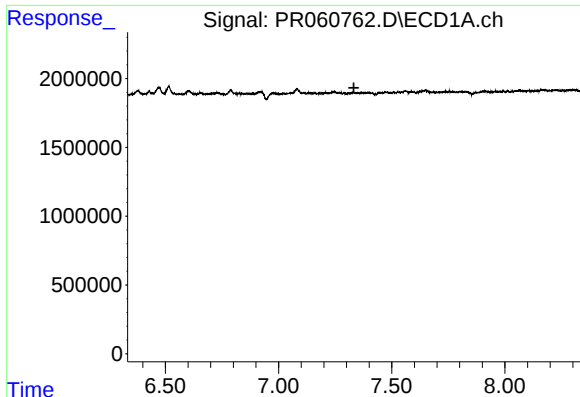
#32 AR-1260-2

R.T.: 6.919 min
Delta R.T.: -0.020 min
Response: 1692137
Conc: 8.77 ng/ml



#32 AR-1260-2

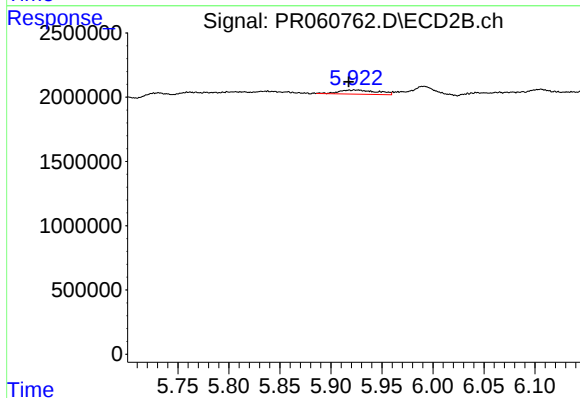
R.T.: 5.762 min
Delta R.T.: 0.001 min
Response: 371605
Conc: 1.20 ng/ml



#33 AR-1260-3

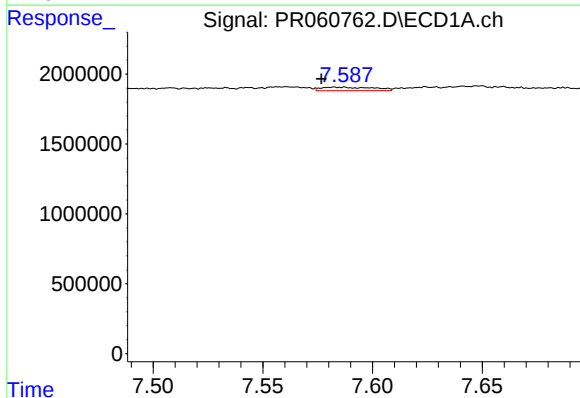
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



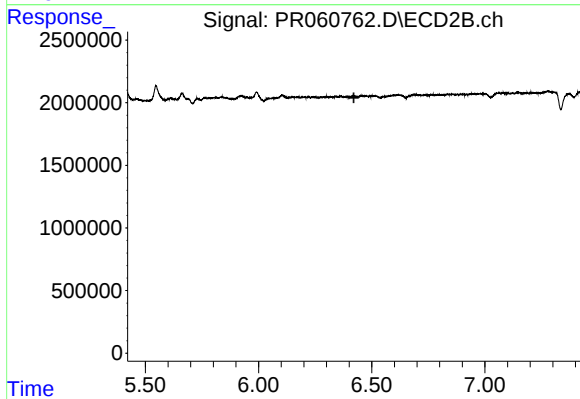
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: 0.006 min
Response: 865277
Conc: 3.08 ng/ml



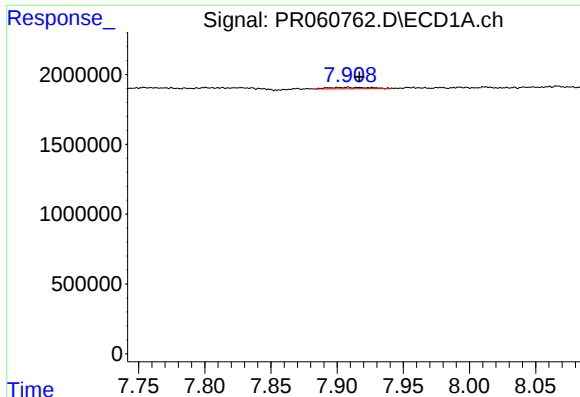
#34 AR-1260-4

R.T.: 7.587 min
Delta R.T.: 0.010 min
Response: 419196
Conc: 2.56 ng/ml



#34 AR-1260-4

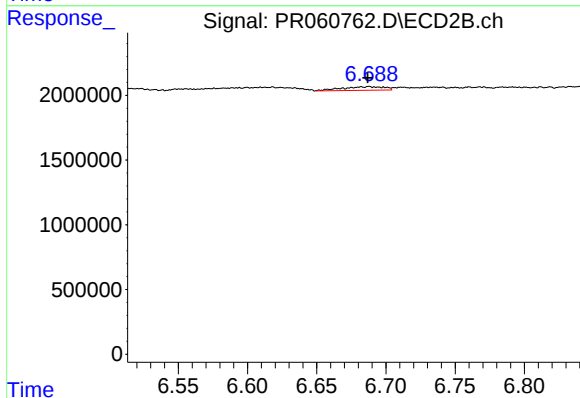
R.T.: 0.000 min
Exp R.T.: 6.421 min
Response: 0
Conc: N.D.



#35 AR-1260-5

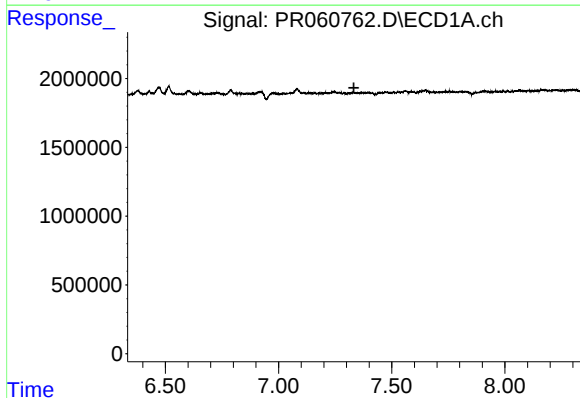
R.T.: 7.908 min
Delta R.T.: -0.009 min
Response: 205630
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



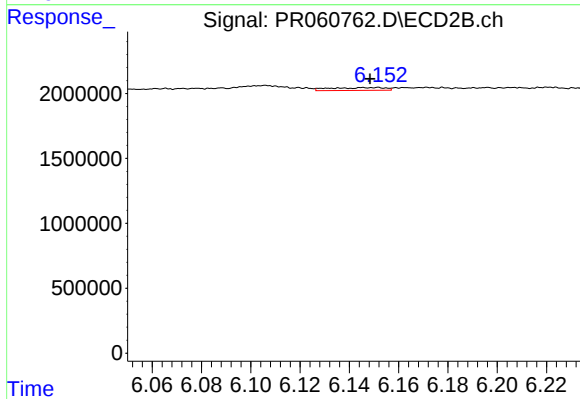
#35 AR-1260-5

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 586473
Conc: 1.01 ng/ml



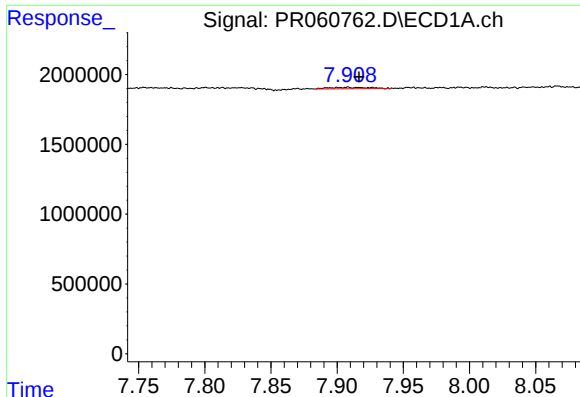
#36 AR-1262-1

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



#36 AR-1262-1

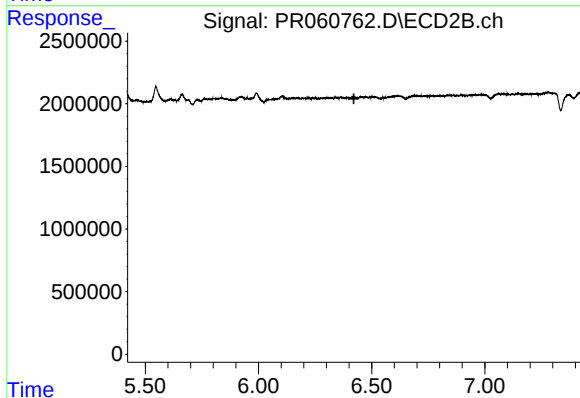
R.T.: 6.151 min
Delta R.T.: 0.003 min
Response: 345145
Conc: 1.09 ng/ml



#37 AR-1262-2

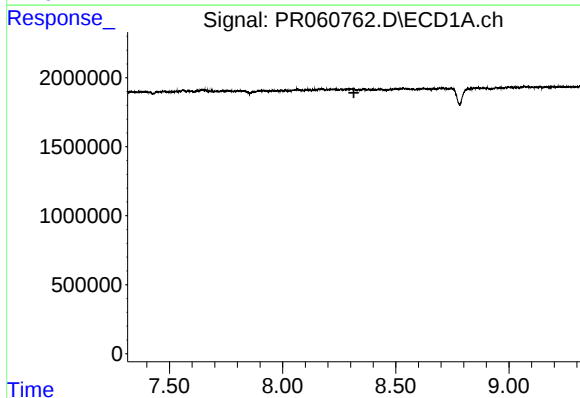
R.T.: 7.908 min
Delta R.T.: -0.008 min
Response: 205630
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



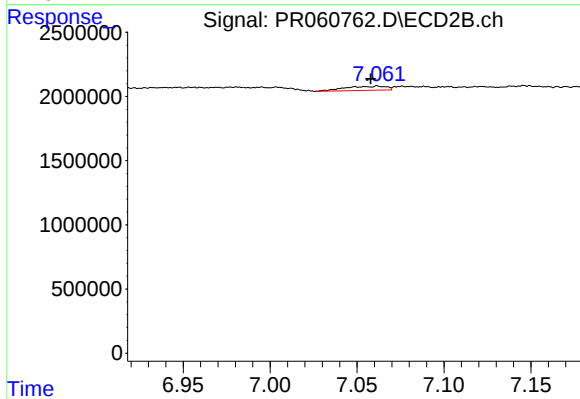
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.421 min
Response: 0
Conc: N.D.



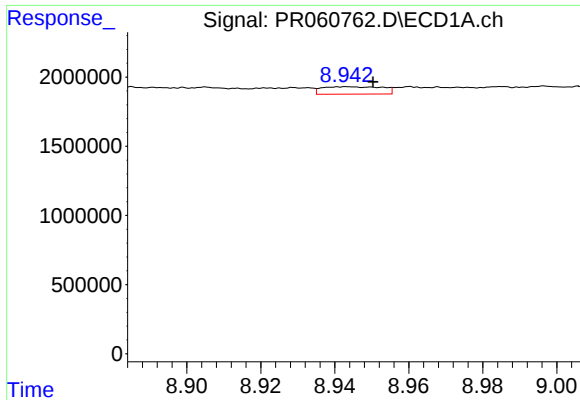
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.315 min
Response: 0
Conc: N.D.



#39 AR-1262-4

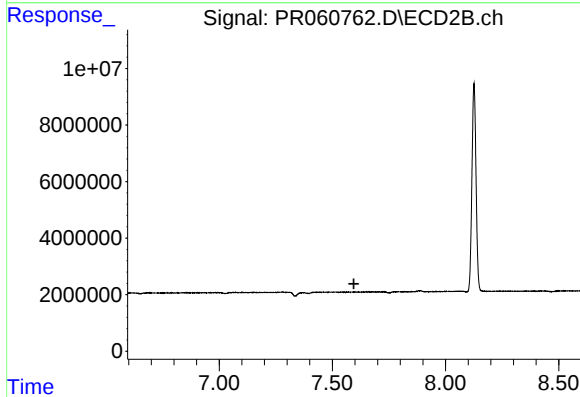
R.T.: 7.062 min
Delta R.T.: 0.004 min
Response: 528224
Conc: 1.23 ng/ml



#40 AR-1262-5

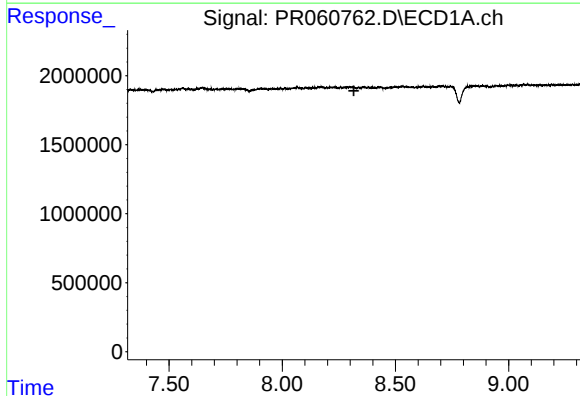
R.T.: 8.943 min
Delta R.T.: -0.007 min
Response: 607797
Conc: 4.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



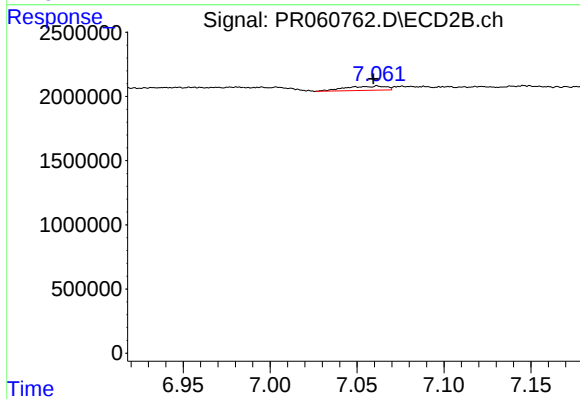
#40 AR-1262-5

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



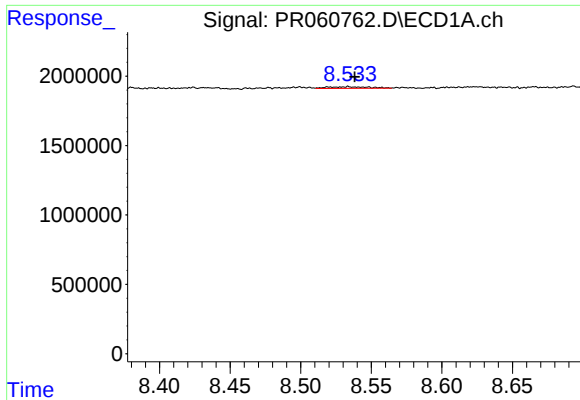
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.317 min
Response: 0
Conc: N.D.



#42 AR-1268-2

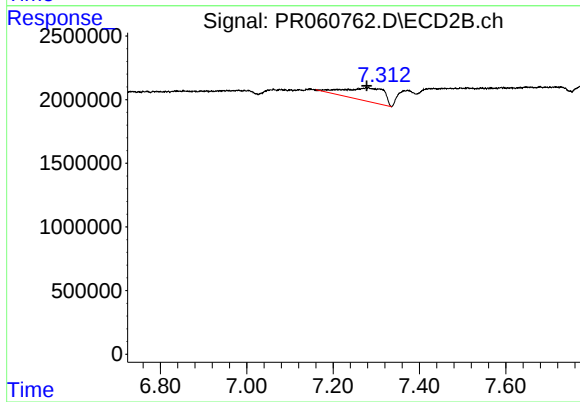
R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 528224
Conc: 0.79 ng/ml



#43 AR-1268-3

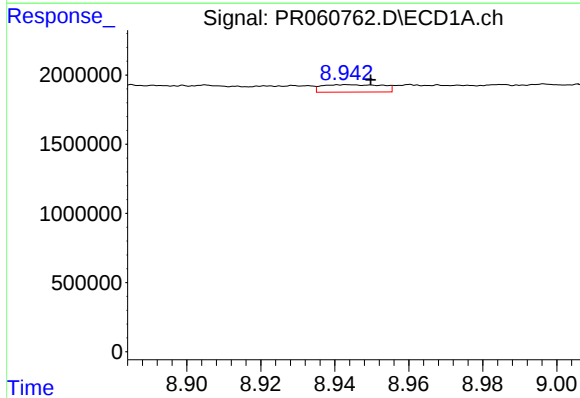
R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 242488
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



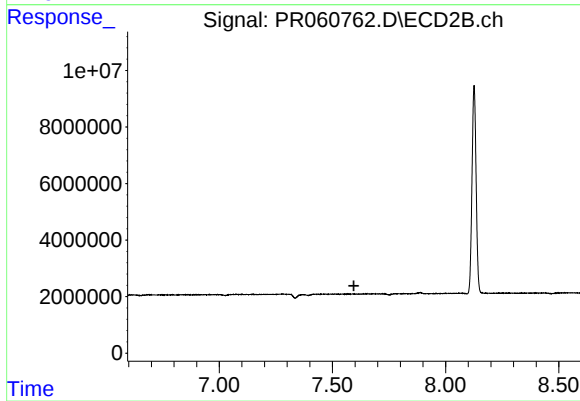
#43 AR-1268-3

R.T.: 7.282 min
Delta R.T.: 0.004 min
Response: 6519715
Conc: 11.47 ng/ml



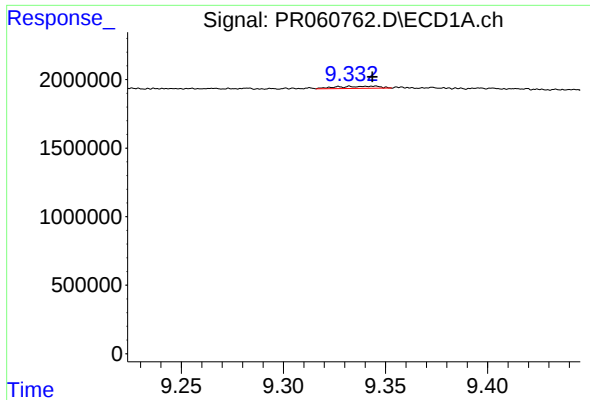
#44 AR-1268-4

R.T.: 8.943 min
Delta R.T.: -0.006 min
Response: 607797
Conc: 4.23 ng/ml



#44 AR-1268-4

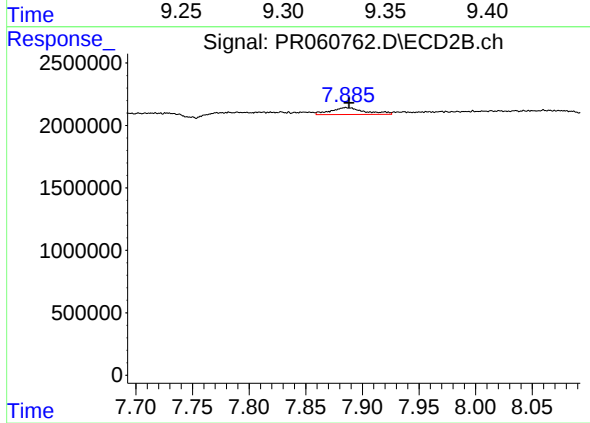
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: 0.001 min
Response: 217109
Conc: 0.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 1151139
Conc: 0.61 ng/ml