

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 04:32
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:11:44 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	65351976	84811194	21.406	19.928
2)	SA Decachlor...	9.657	8.125	65202213	90753971	22.985	20.876
Target Compounds							
3)	L1 AR-1016-1	4.922	4.009	4017069	4354849	36.287	29.451
4)	L1 AR-1016-2	4.944	4.027	4713082	4349413	30.283	20.504 #
5)	L1 AR-1016-3	5.009	4.205	2461312	2820689	25.227	25.597
6)	L1 AR-1016-4	5.111	4.255	2495513	6337400	32.069	74.135 #
7)	L1 AR-1016-5	5.431	4.470	6355972	7801979	79.915	68.314
8)	L2 AR-1221-1	3.897f	3.114	392331	309138	9.903	6.509 #
9)	L2 AR-1221-2	4.002	3.201	989975	1323713	34.096	37.315
10)	L2 AR-1221-3	4.080	3.284	308273	621648	3.448	5.493 #
11)	L3 AR-1232-1	4.080	3.284	308273	621648	4.141	6.664 #
12)	L3 AR-1232-2	4.635	4.027	1770229	4349413	48.696	47.559
13)	L3 AR-1232-3	4.944	4.205	4713082	2820689	66.889	60.886
14)	L3 AR-1232-4	5.111	4.296	2495513	6479591	72.348	158.716 #
15)	L3 AR-1232-5	5.217	4.470	5656279	7801979	215.830	166.044
16)	L4 AR-1242-1	4.922	4.009	4017069	4354849	45.522	37.496
17)	L4 AR-1242-2	4.944	4.027	4713082	4349413	37.991	26.085 #
18)	L4 AR-1242-3	5.009	4.205	2461312	2820689	31.502	32.877
19)	L4 AR-1242-4	5.111	4.296	2495513	6479591	39.849	80.112 #
20)	L4 AR-1242-5	5.906	4.838	6995195	11195025	101.034	103.922
21)	L5 AR-1248-1	4.922	4.009	4017069	4354849	60.449	50.646
22)	L5 AR-1248-2	5.217	4.255	5656279	6337400	63.703	52.706
23)	L5 AR-1248-3	5.431	4.296	6355972	6479591	60.371	53.155
24)	L5 AR-1248-4	5.867	4.470	6995297	7801979	58.183	51.688
25)	L5 AR-1248-5	5.906	4.879	6995195	7979314	59.091	51.914
26)	L6 AR-1254-1	5.837	4.838	5605739	11195025	46.543	46.303
27)	L6 AR-1254-2	6.076	4.996	7461122	2974084	39.134	14.234 #
28)	L6 AR-1254-3	6.471	5.415	4329952	5249969	21.102	15.086 #
29)	L6 AR-1254-4	6.786	5.661	2812685	4294971	18.068	19.479
30)	L6 AR-1254-5	7.242	6.103	1311397	1701203	7.794	5.308 #
31)	L7 AR-1260-1	6.652	5.547	915703	5944940	5.748	24.255 #
32)	L7 AR-1260-2	6.914f	5.762	1675475	513291	8.683	1.652 #
33)	L7 AR-1260-3	0.000	5.917	0	801092	N.D.	2.853 #
34)	L7 AR-1260-4	7.573	6.416	46958	323262	0.287	1.343 #
35)	L7 AR-1260-5	7.913	6.691	471433	554533	1.491	0.952 #
36)	L8 AR-1262-1	0.000	6.158	0	54399	N.D.	0.172 #
37)	L8 AR-1262-2	7.913	6.416	471433	323262	1.399	1.122
38)	L8 AR-1262-3	8.238	0.000	145795	0	0.633	N.D. #
39)	L8 AR-1262-4	8.297f	7.065	189320	559056	1.076	1.300
40)	L8 AR-1262-5	8.951	0.000	1018381	0	8.129	N.D. #
41)	L9 AR-1268-1	8.238	0.000	145795	0	0.353	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060764.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2023 04:32
Operator : AJ\MA
Sample : 02213-02
Misc : AR1248 LOQ 50 PPB
ALS Vial : 55 Sample Multiplier: 1

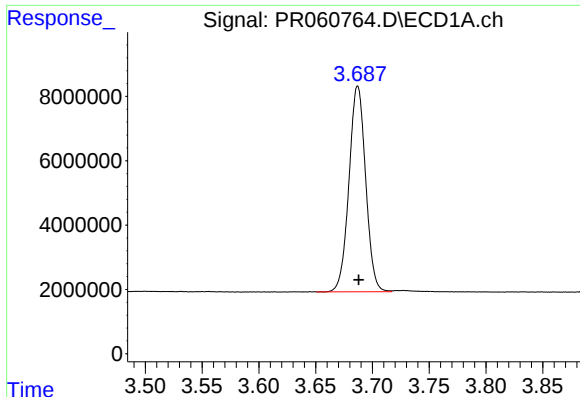
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:11:44 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
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.297f	7.065	189320	559056	0.503	0.836 #
43)	L9 AR-1268-3	0.000	7.284	0	3509546	N.D.	6.175 #
44)	L9 AR-1268-4	8.951	0.000	1018381	0	7.087	N.D. #
45)	L9 AR-1268-5	9.346	7.886	736271	567315	0.697	0.302 #

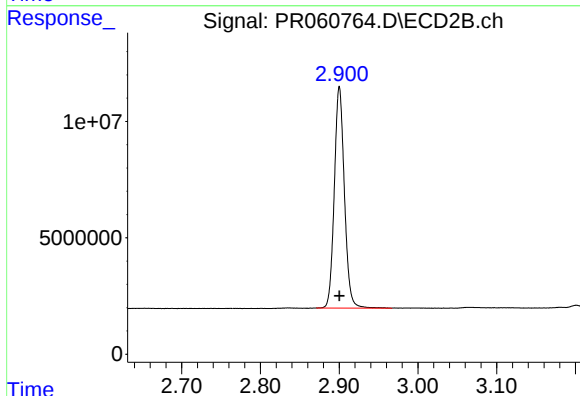
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

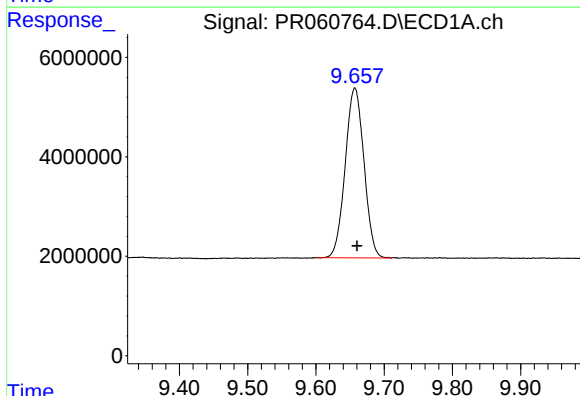
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 65351976
Conc: 21.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



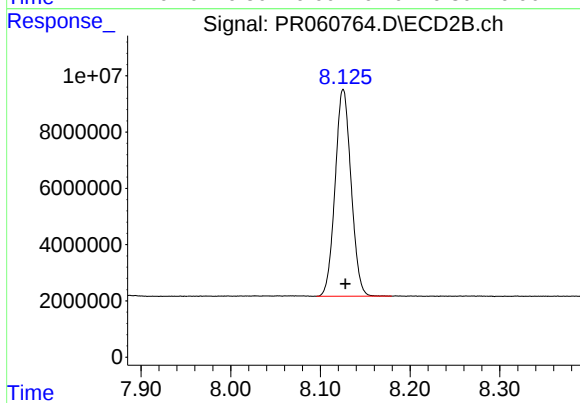
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 84811194
Conc: 19.93 ng/ml



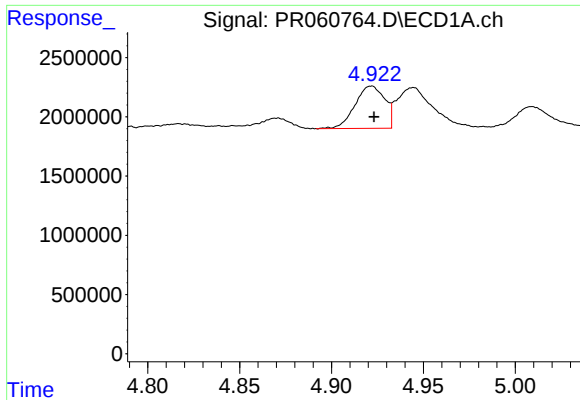
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 65202213
Conc: 22.98 ng/ml



#2 Decachlorobiphenyl

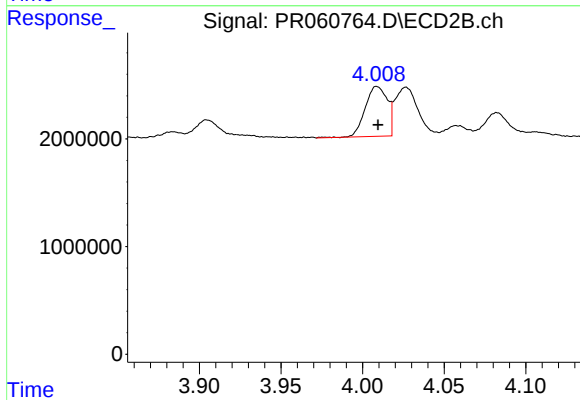
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 90753971
Conc: 20.88 ng/ml



#3 AR-1016-1

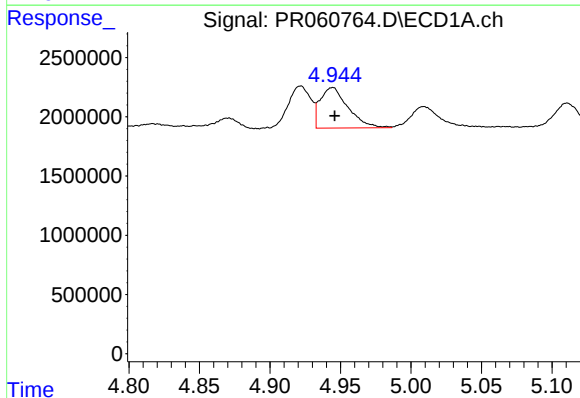
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 4017069
Conc: 36.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



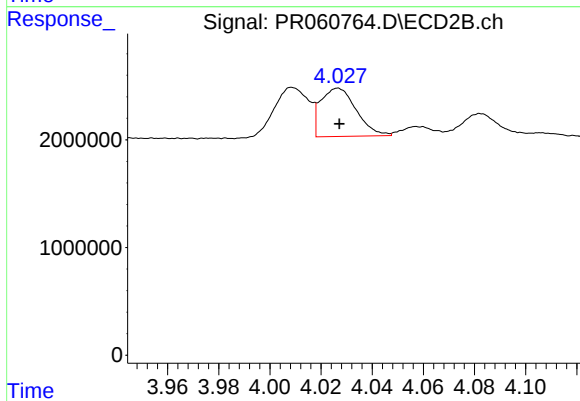
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4354849
Conc: 29.45 ng/ml



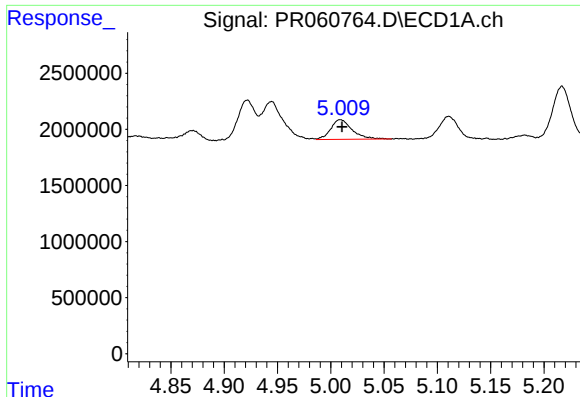
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 4713082
Conc: 30.28 ng/ml



#4 AR-1016-2

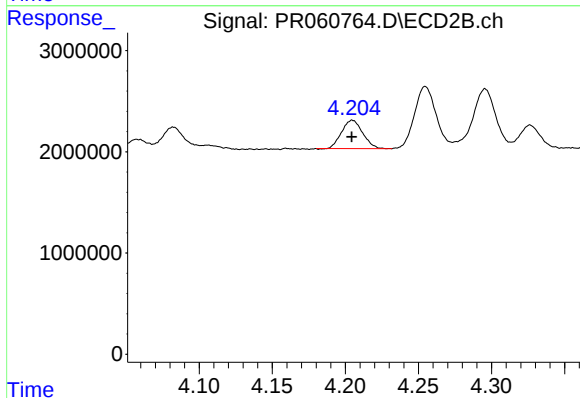
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4349413
Conc: 20.50 ng/ml



#5 AR-1016-3

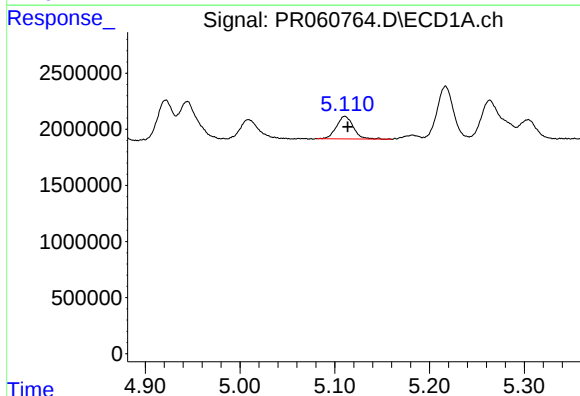
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2461312
Conc: 25.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



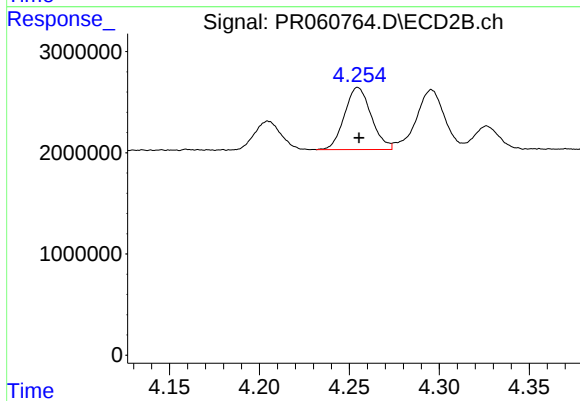
#5 AR-1016-3

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 2820689
Conc: 25.60 ng/ml



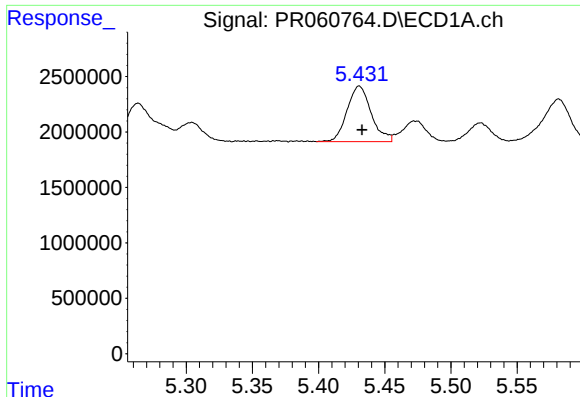
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 2495513
Conc: 32.07 ng/ml



#6 AR-1016-4

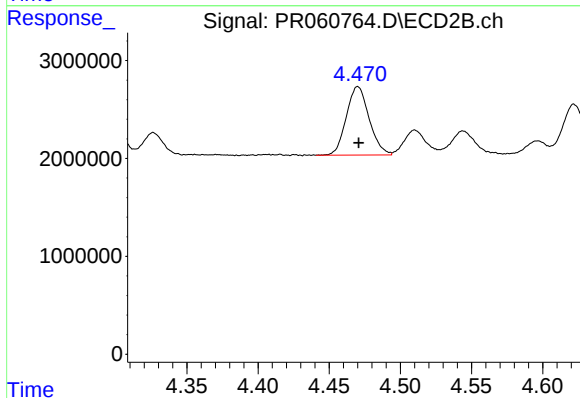
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 6337400
Conc: 74.14 ng/ml



#7 AR-1016-5

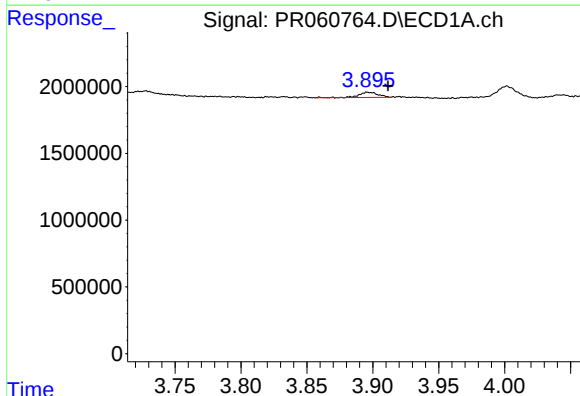
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 6355972
Conc: 79.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



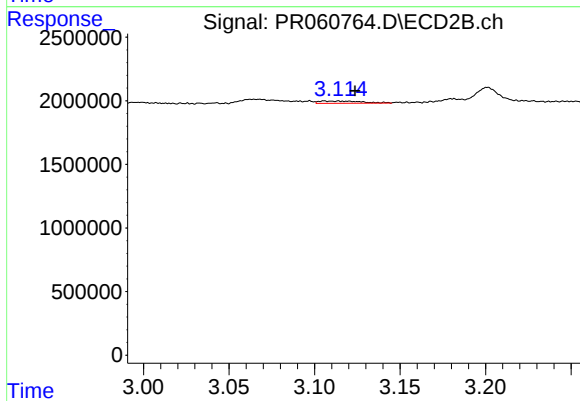
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 7801979
Conc: 68.31 ng/ml



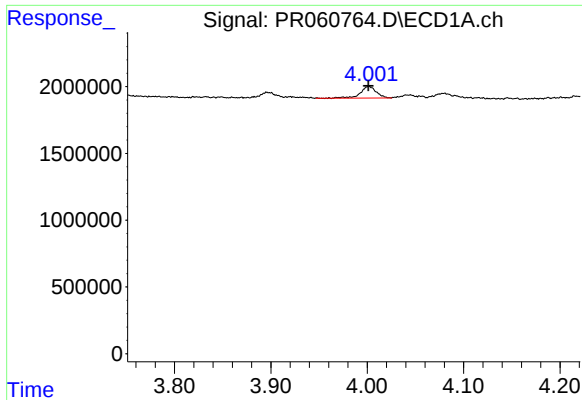
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.015 min
Response: 392331
Conc: 9.90 ng/ml



#8 AR-1221-1

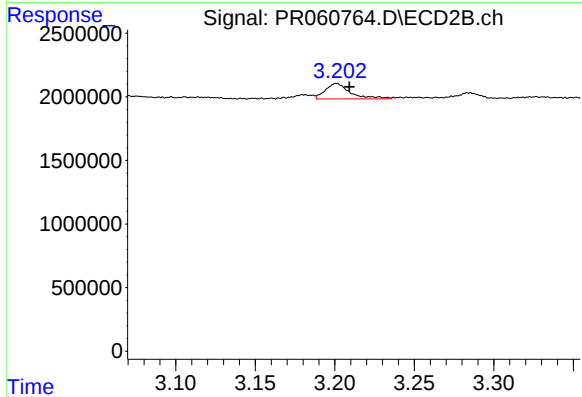
R.T.: 3.114 min
Delta R.T.: -0.010 min
Response: 309138
Conc: 6.51 ng/ml



#9 AR-1221-2

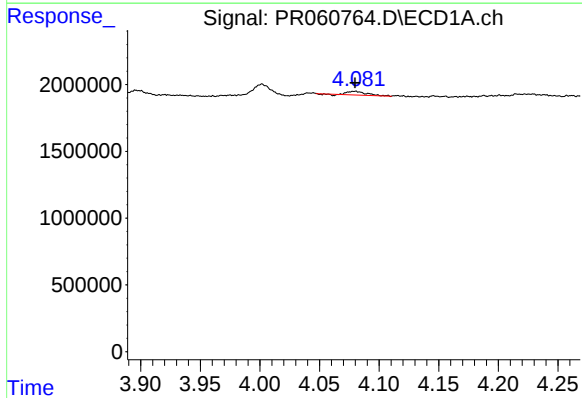
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 989975
Conc: 34.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



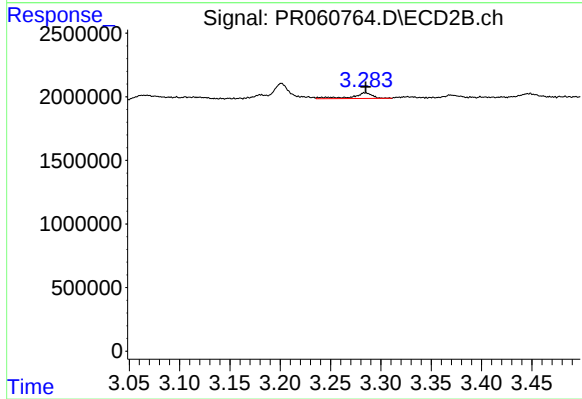
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1323713
Conc: 37.31 ng/ml



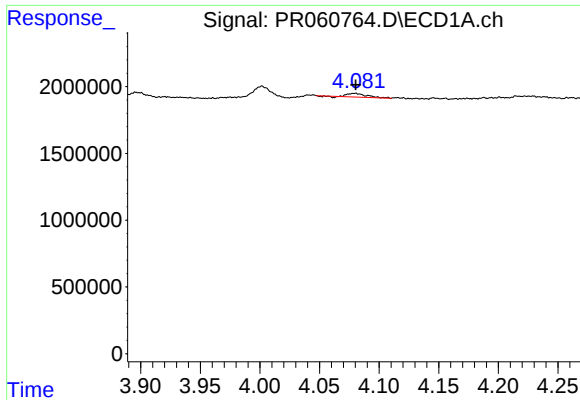
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 308273
Conc: 3.45 ng/ml



#10 AR-1221-3

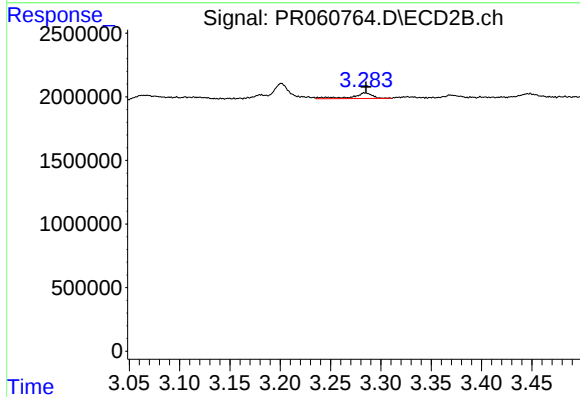
R.T.: 3.284 min
Delta R.T.: 0.000 min
Response: 621648
Conc: 5.49 ng/ml



#11 AR-1232-1

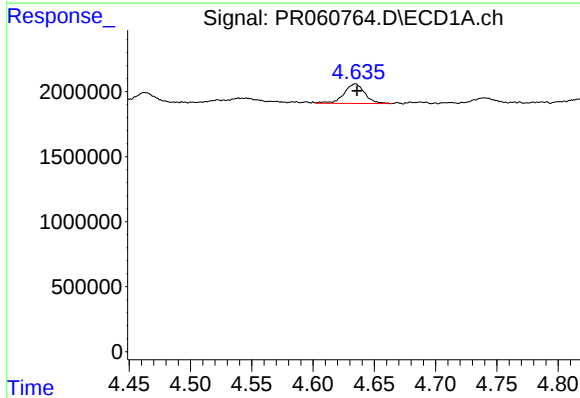
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 308273
Conc: 4.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



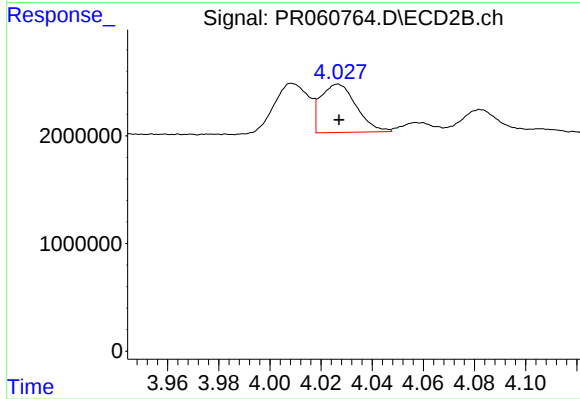
#11 AR-1232-1

R.T.: 3.284 min
Delta R.T.: 0.000 min
Response: 621648
Conc: 6.66 ng/ml



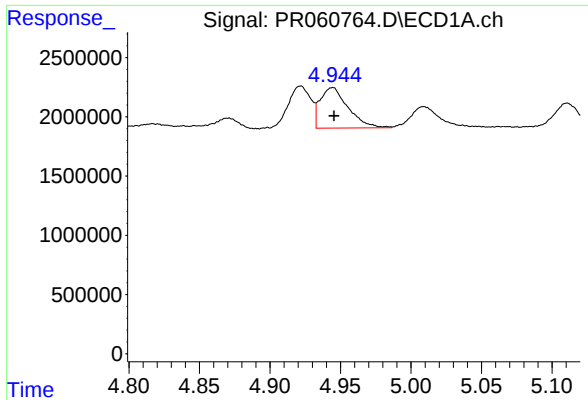
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 1770229
Conc: 48.70 ng/ml



#12 AR-1232-2

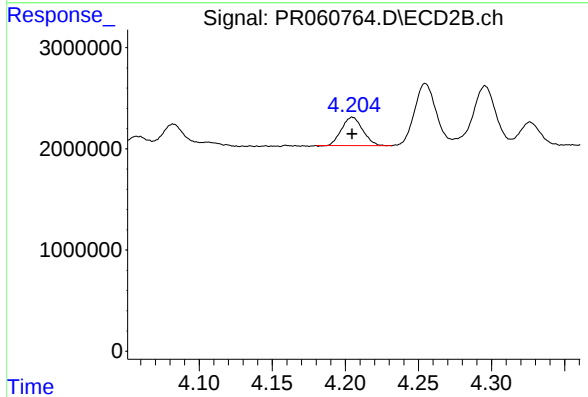
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4349413
Conc: 47.56 ng/ml



#13 AR-1232-3

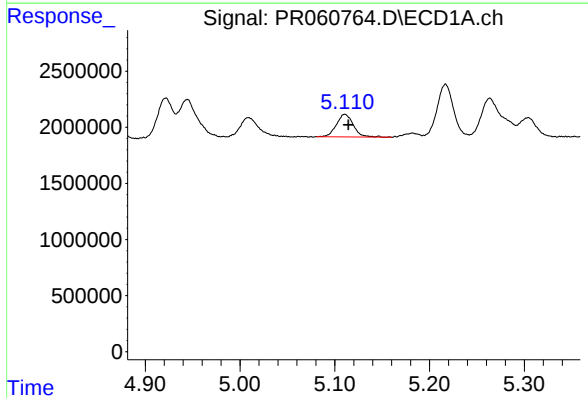
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 4713082
Conc: 66.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



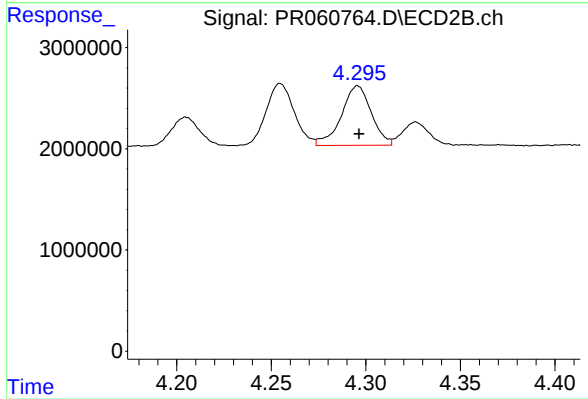
#13 AR-1232-3

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 2820689
Conc: 60.89 ng/ml



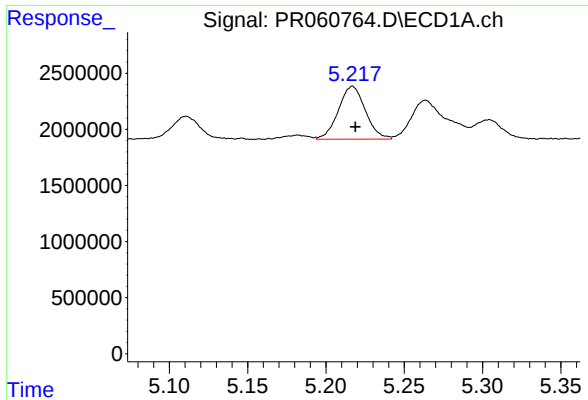
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 2495513
Conc: 72.35 ng/ml



#14 AR-1232-4

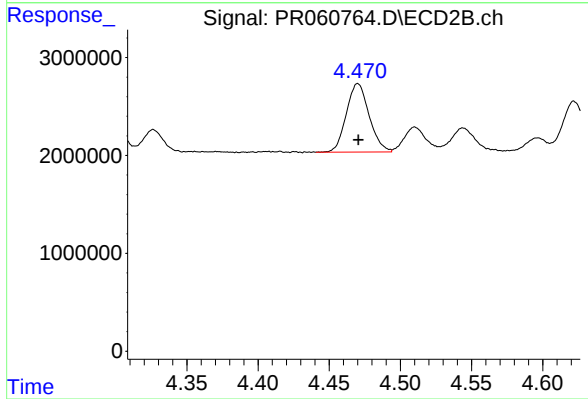
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 6479591
Conc: 158.72 ng/ml



#15 AR-1232-5

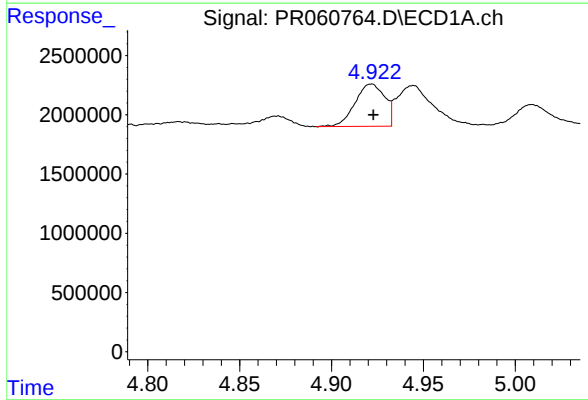
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 5656279
Conc: 215.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



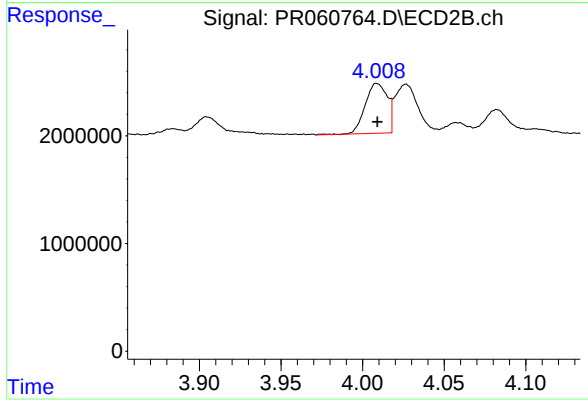
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 7801979
Conc: 166.04 ng/ml



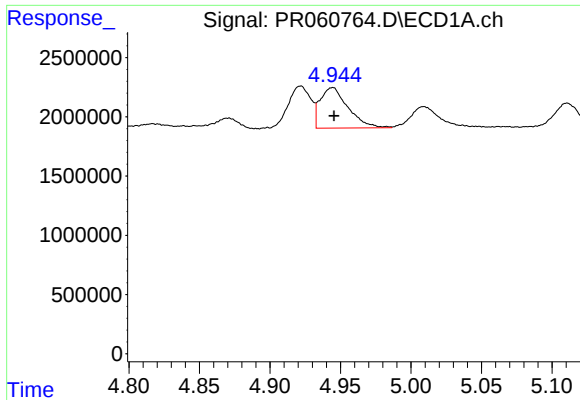
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 4017069
Conc: 45.52 ng/ml



#16 AR-1242-1

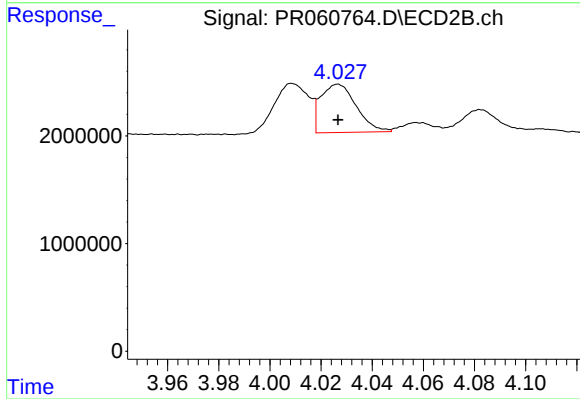
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4354849
Conc: 37.50 ng/ml



#17 AR-1242-2

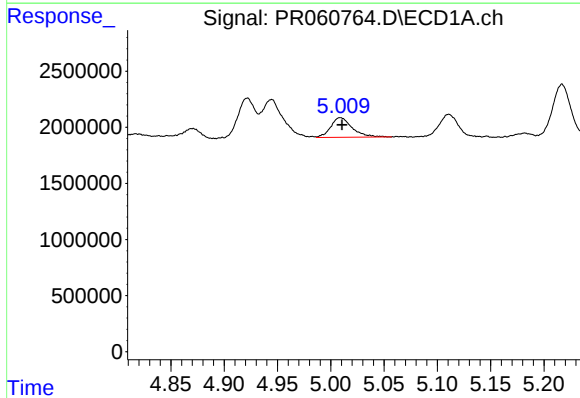
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 4713082
Conc: 37.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



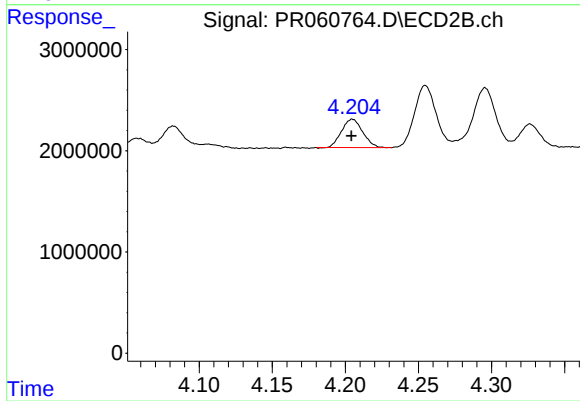
#17 AR-1242-2

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 4349413
Conc: 26.08 ng/ml



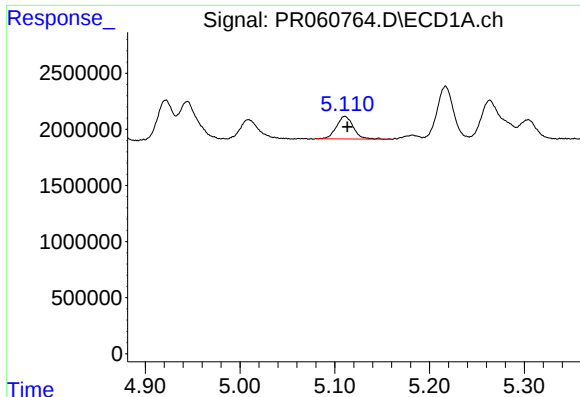
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 2461312
Conc: 31.50 ng/ml



#18 AR-1242-3

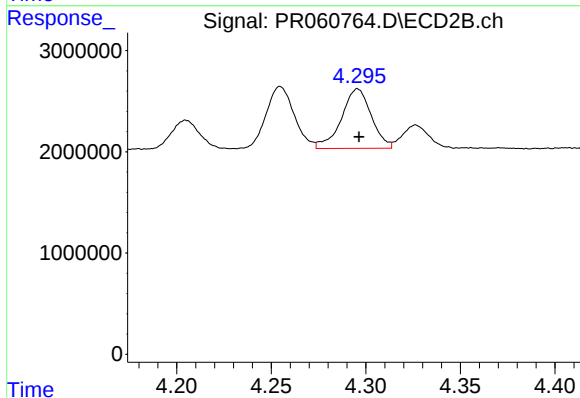
R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 2820689
Conc: 32.88 ng/ml



#19 AR-1242-4

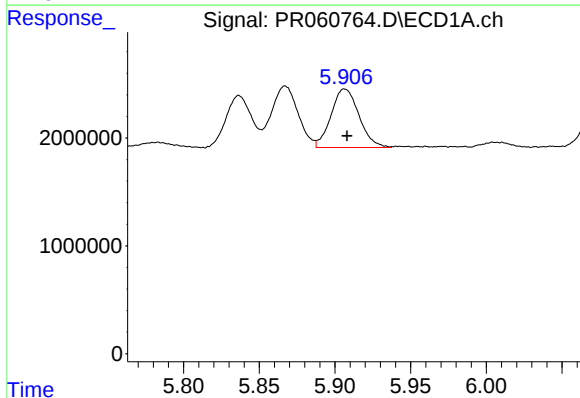
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 2495513
Conc: 39.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



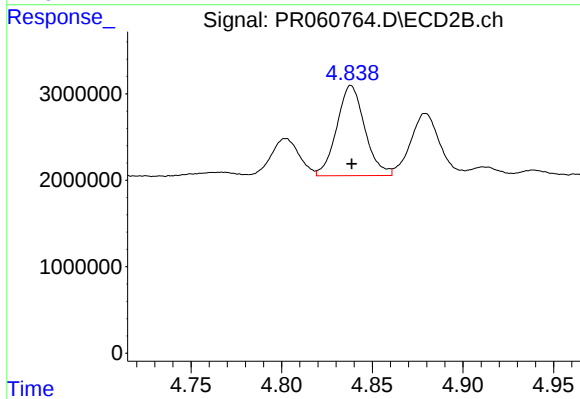
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 6479591
Conc: 80.11 ng/ml



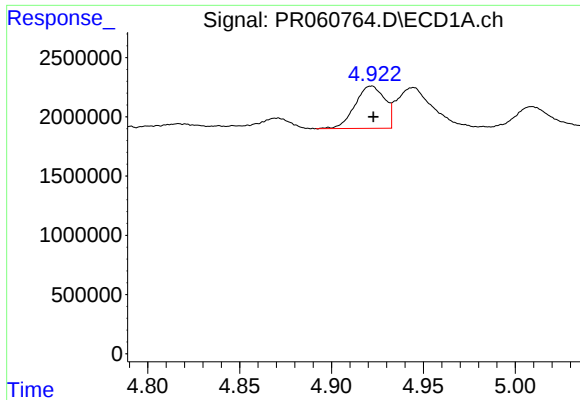
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 6995195
Conc: 101.03 ng/ml



#20 AR-1242-5

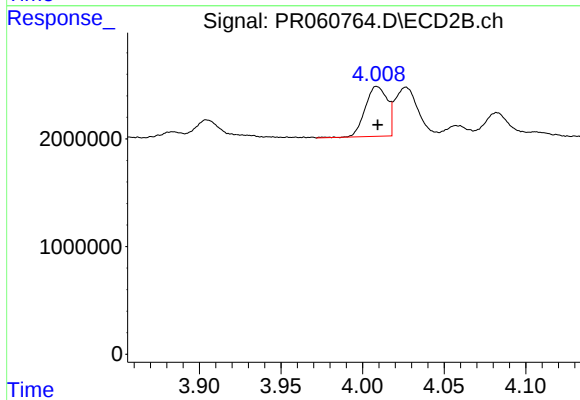
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 11195025
Conc: 103.92 ng/ml



#21 AR-1248-1

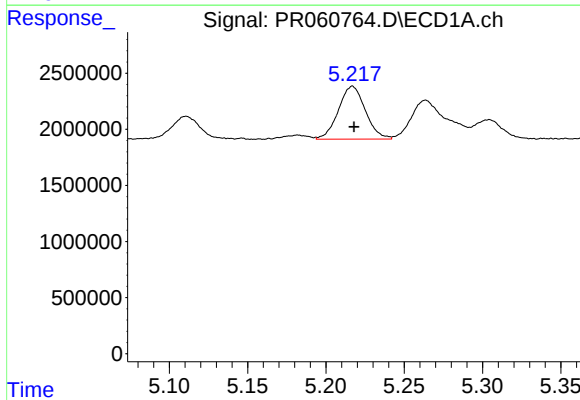
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 4017069
Conc: 60.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



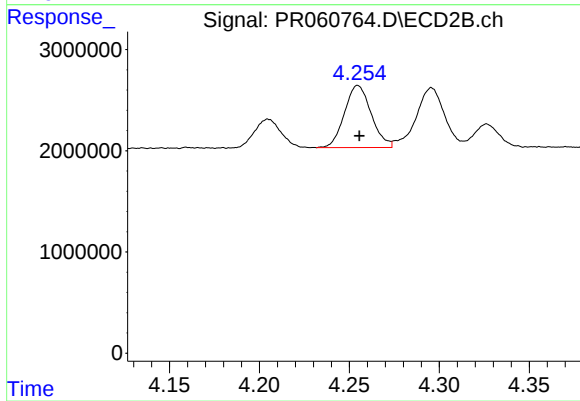
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4354849
Conc: 50.65 ng/ml



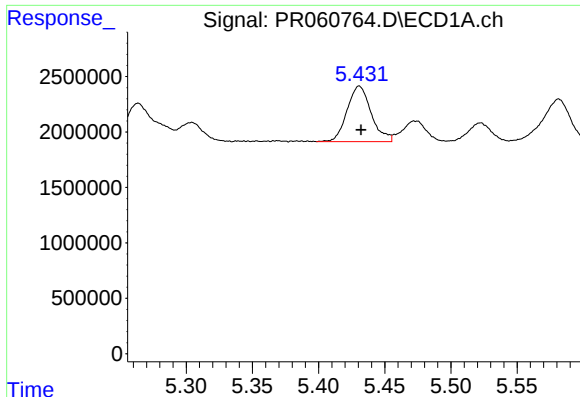
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 5656279
Conc: 63.70 ng/ml



#22 AR-1248-2

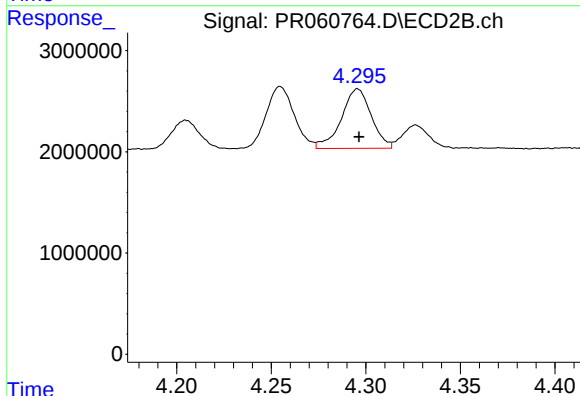
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 6337400
Conc: 52.71 ng/ml



#23 AR-1248-3

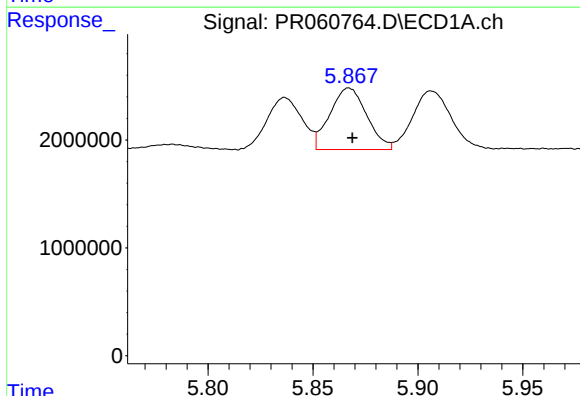
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 6355972
Conc: 60.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



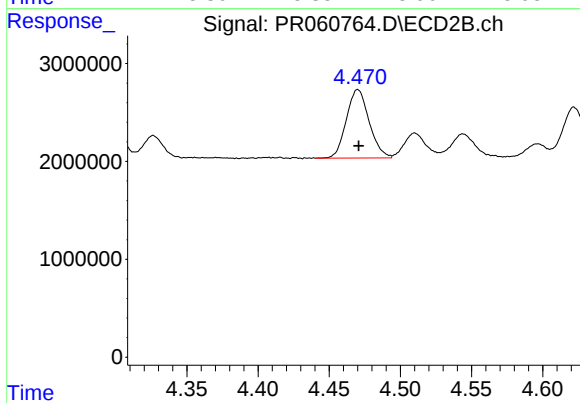
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 6479591
Conc: 53.16 ng/ml



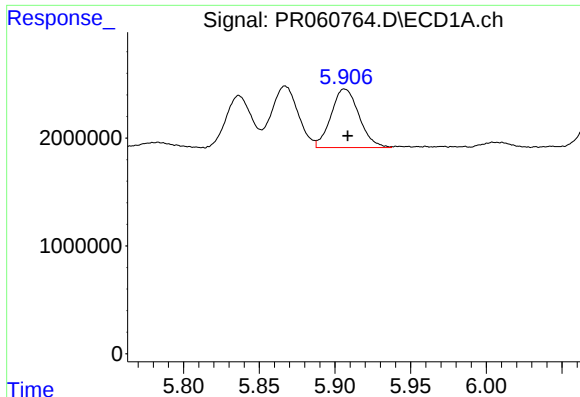
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 6995297
Conc: 58.18 ng/ml



#24 AR-1248-4

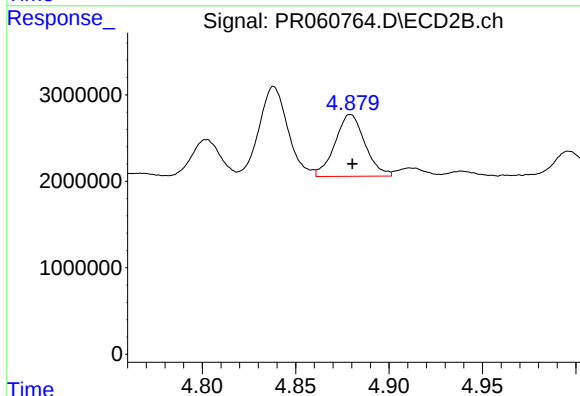
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 7801979
Conc: 51.69 ng/ml



#25 AR-1248-5

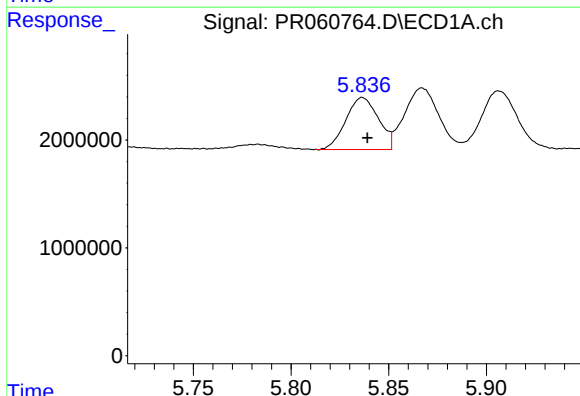
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 6995195
Conc: 59.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



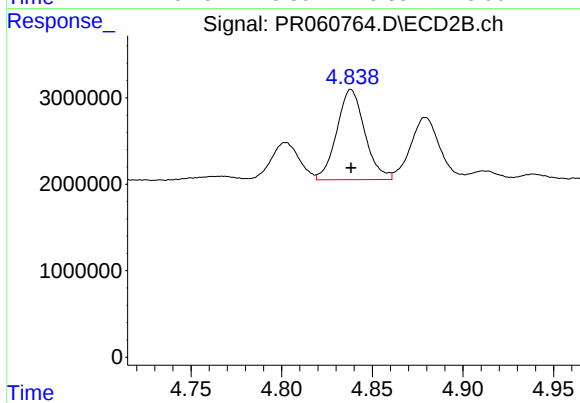
#25 AR-1248-5

R.T.: 4.879 min
Delta R.T.: -0.001 min
Response: 7979314
Conc: 51.91 ng/ml



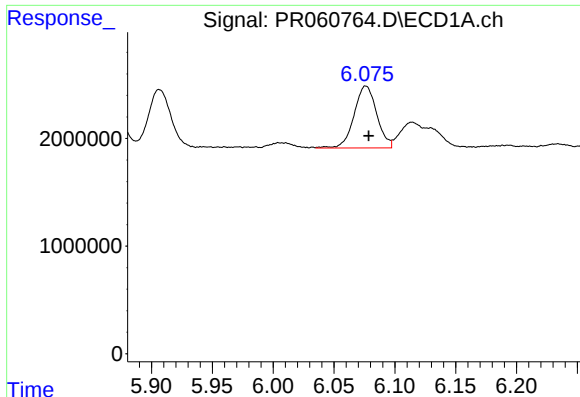
#26 AR-1254-1

R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 5605739
Conc: 46.54 ng/ml



#26 AR-1254-1

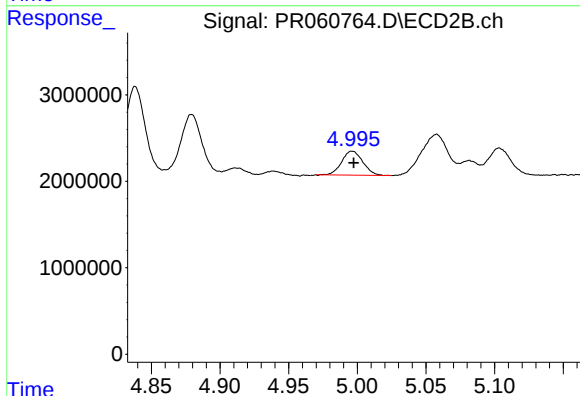
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 11195025
Conc: 46.30 ng/ml



#27 AR-1254-2

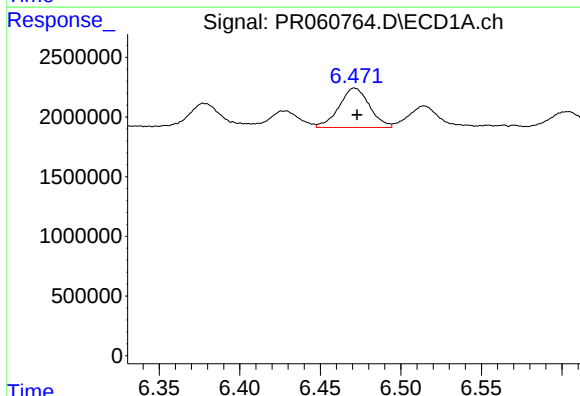
R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 7461122
Conc: 39.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



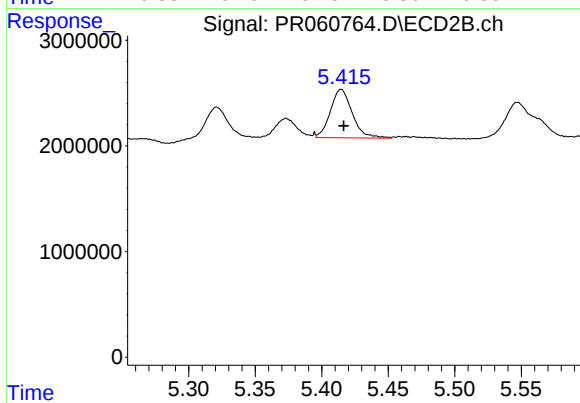
#27 AR-1254-2

R.T.: 4.996 min
Delta R.T.: -0.001 min
Response: 2974084
Conc: 14.23 ng/ml



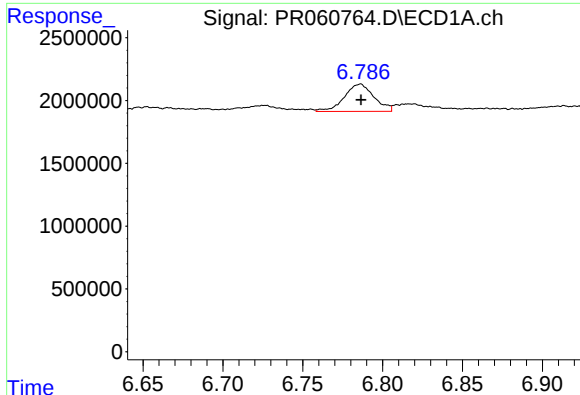
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 4329952
Conc: 21.10 ng/ml



#28 AR-1254-3

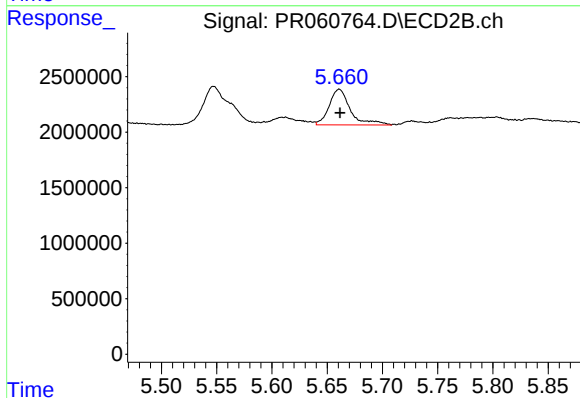
R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 5249969
Conc: 15.09 ng/ml



#29 AR-1254-4

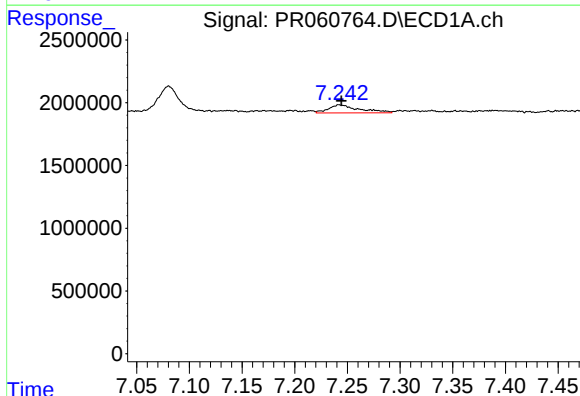
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 2812685
Conc: 18.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



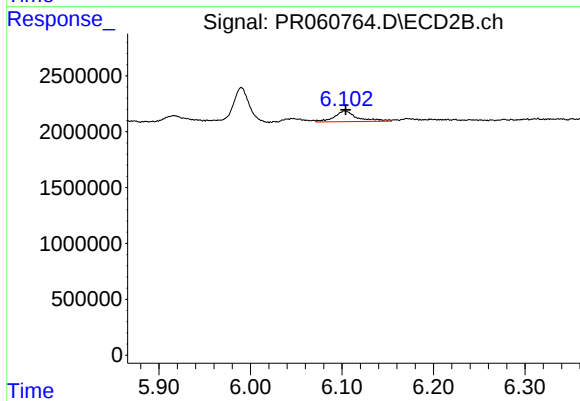
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 4294971
Conc: 19.48 ng/ml



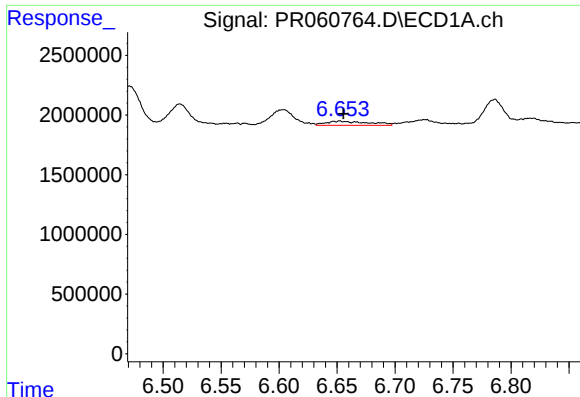
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.002 min
Response: 1311397
Conc: 7.79 ng/ml



#30 AR-1254-5

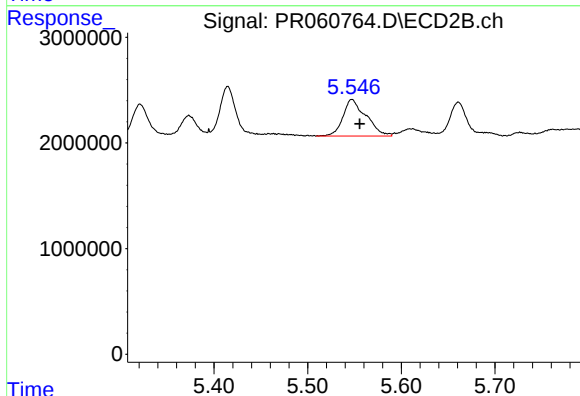
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 1701203
Conc: 5.31 ng/ml



#31 AR-1260-1

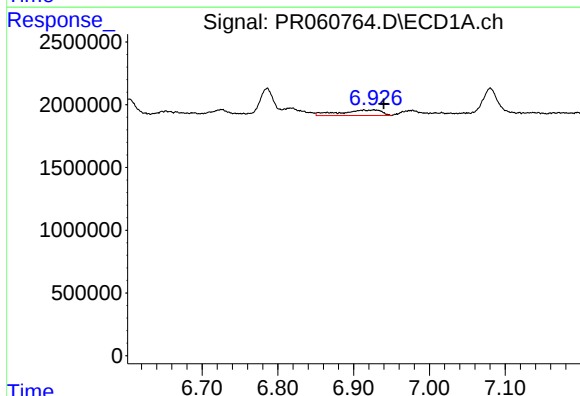
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 915703
Conc: 5.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



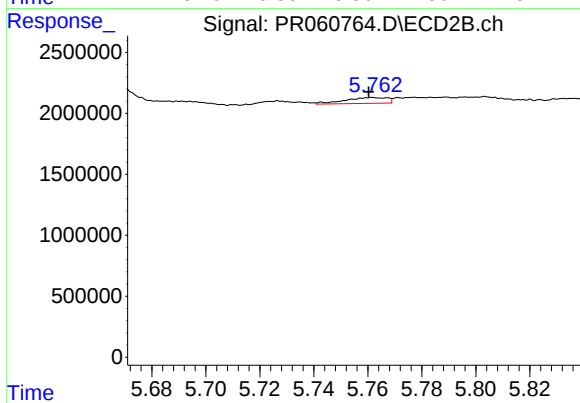
#31 AR-1260-1

R.T.: 5.547 min
Delta R.T.: -0.008 min
Response: 5944940
Conc: 24.26 ng/ml



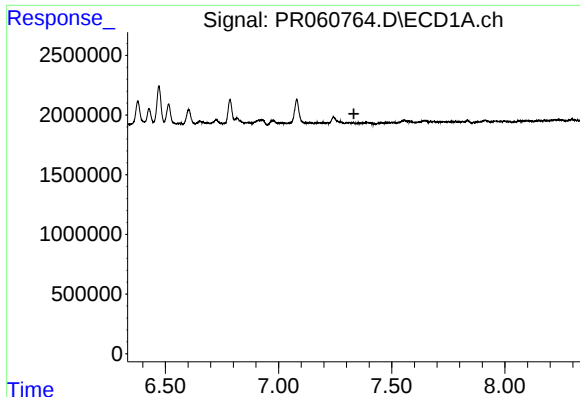
#32 AR-1260-2

R.T.: 6.914 min
Delta R.T.: -0.026 min
Response: 1675475
Conc: 8.68 ng/ml



#32 AR-1260-2

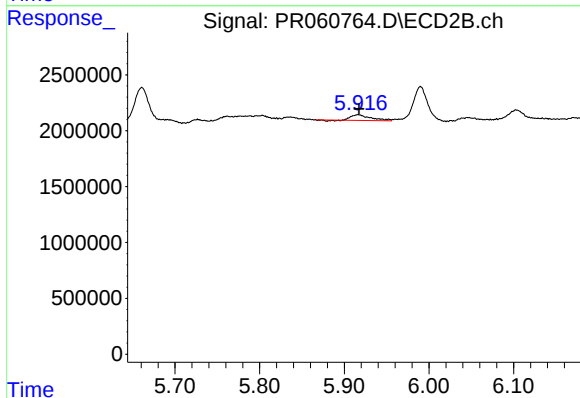
R.T.: 5.762 min
Delta R.T.: 0.002 min
Response: 513291
Conc: 1.65 ng/ml



#33 AR-1260-3

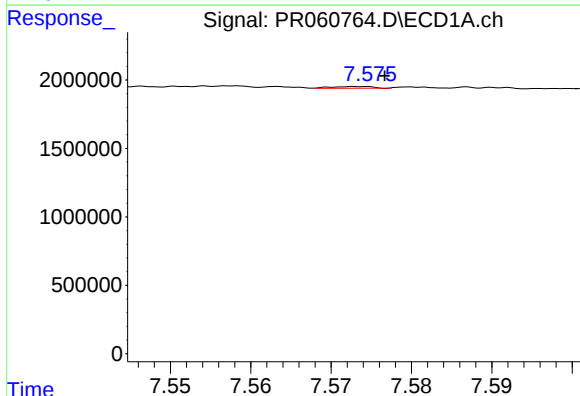
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



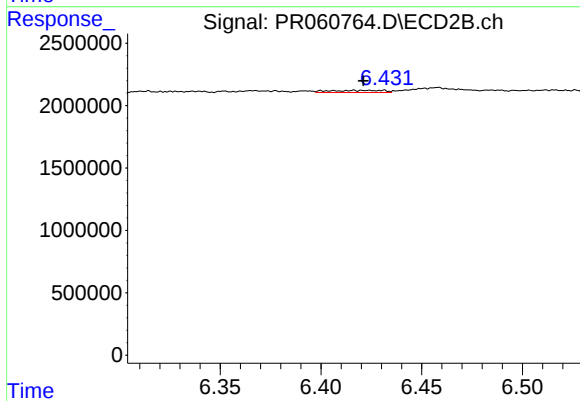
#33 AR-1260-3

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 801092
Conc: 2.85 ng/ml



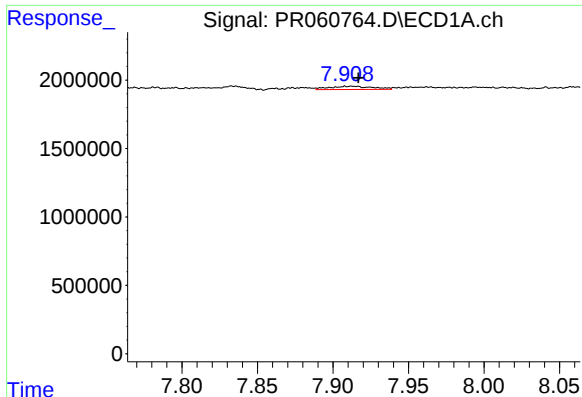
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 46958
Conc: 0.29 ng/ml



#34 AR-1260-4

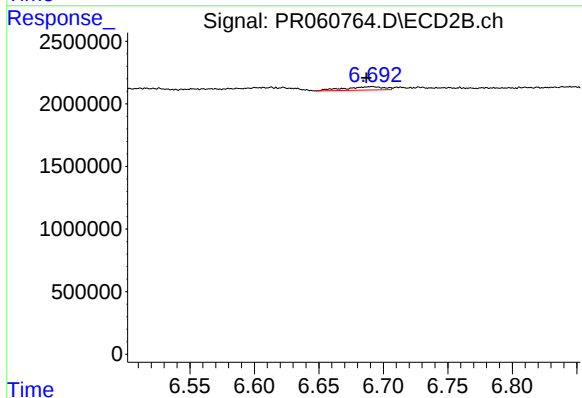
R.T.: 6.416 min
Delta R.T.: -0.005 min
Response: 323262
Conc: 1.34 ng/ml



#35 AR-1260-5

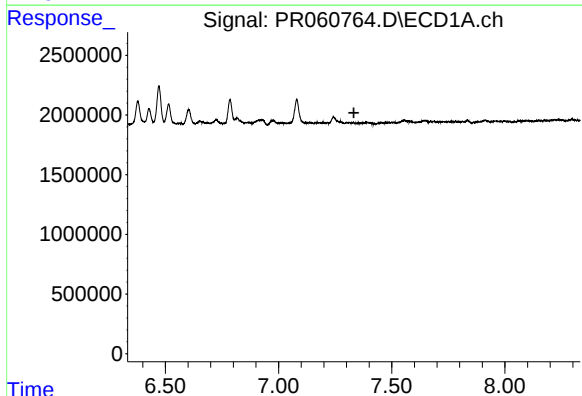
R.T.: 7.913 min
Delta R.T.: -0.004 min
Response: 471433
Conc: 1.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



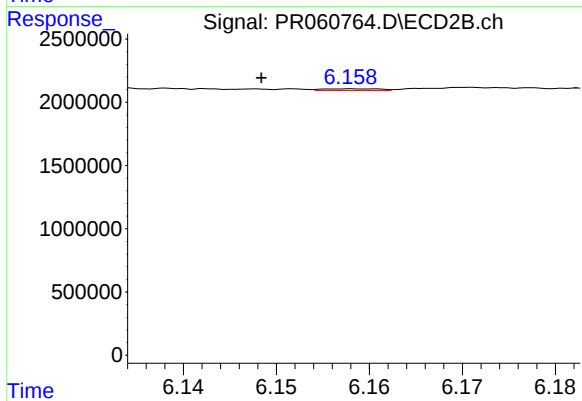
#35 AR-1260-5

R.T.: 6.691 min
Delta R.T.: 0.004 min
Response: 554533
Conc: 0.95 ng/ml



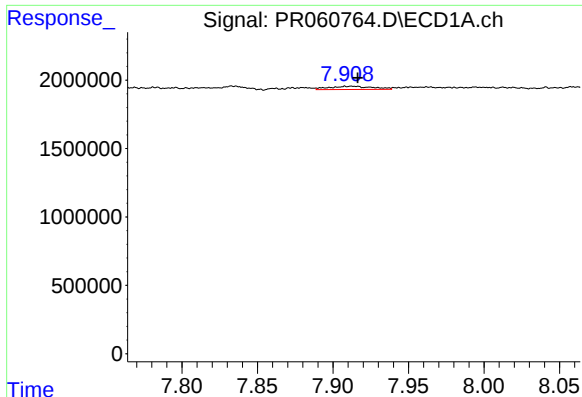
#36 AR-1262-1

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



#36 AR-1262-1

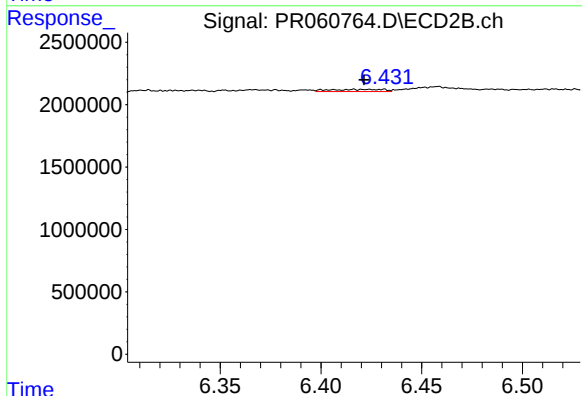
R.T.: 6.158 min
Delta R.T.: 0.010 min
Response: 54399
Conc: 0.17 ng/ml



#37 AR-1262-2

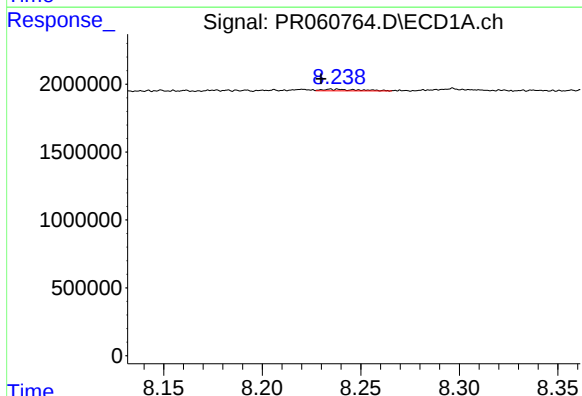
R.T.: 7.913 min
Delta R.T.: -0.004 min
Response: 471433
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



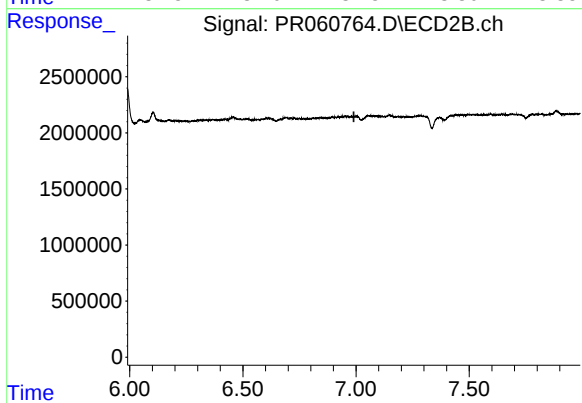
#37 AR-1262-2

R.T.: 6.416 min
Delta R.T.: -0.005 min
Response: 323262
Conc: 1.12 ng/ml



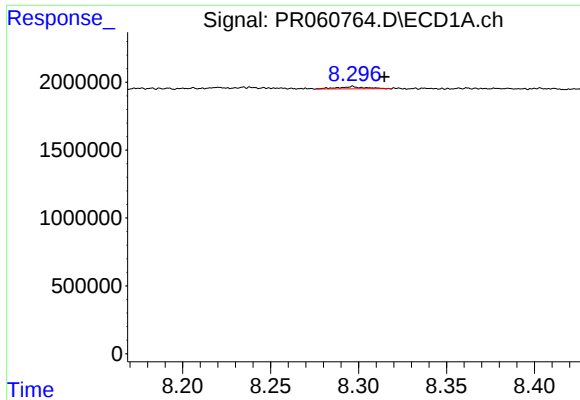
#38 AR-1262-3

R.T.: 8.238 min
Delta R.T.: 0.009 min
Response: 145795
Conc: 0.63 ng/ml



#38 AR-1262-3

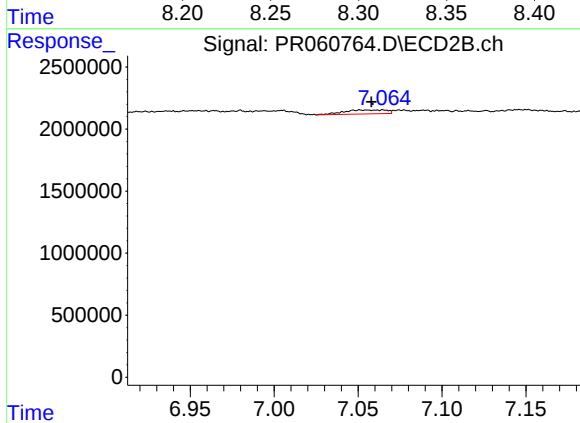
R.T.: 0.000 min
Exp R.T.: 6.991 min
Response: 0
Conc: N.D.



#39 AR-1262-4

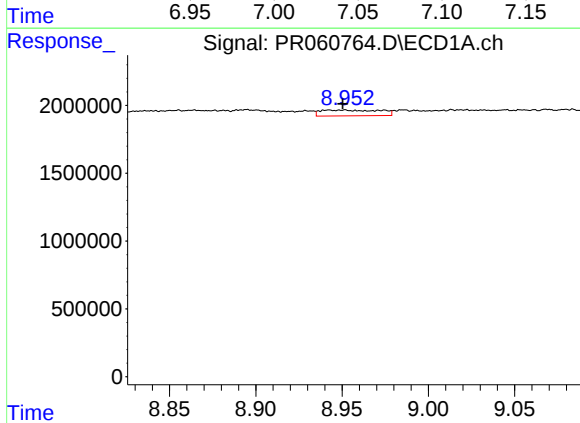
R.T.: 8.297 min
Delta R.T.: -0.018 min
Response: 189320
Conc: 1.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



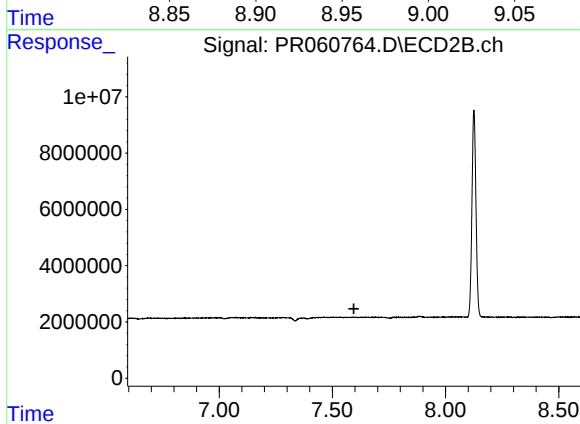
#39 AR-1262-4

R.T.: 7.065 min
Delta R.T.: 0.007 min
Response: 559056
Conc: 1.30 ng/ml



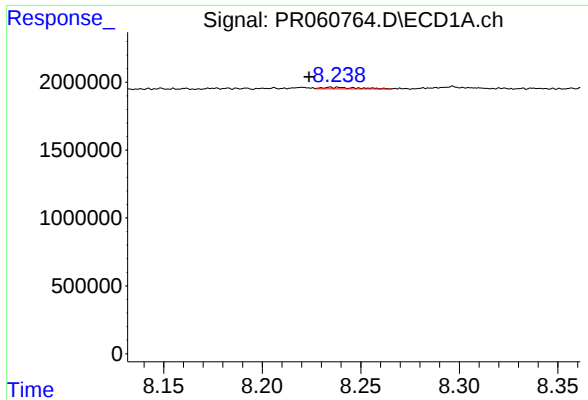
#40 AR-1262-5

R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 1018381
Conc: 8.13 ng/ml



#40 AR-1262-5

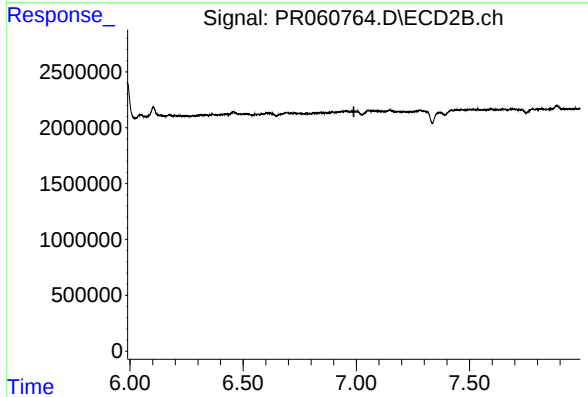
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

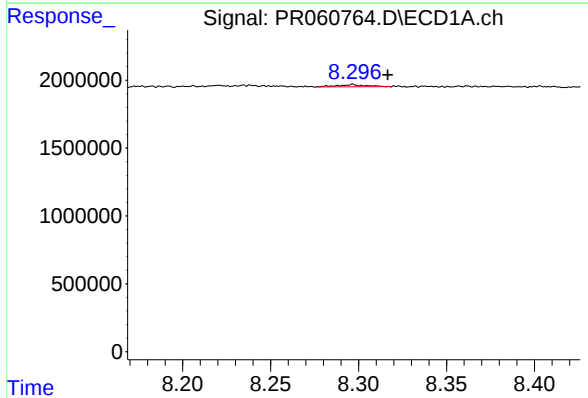
R.T.: 8.238 min
Delta R.T.: 0.015 min
Response: 145795
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



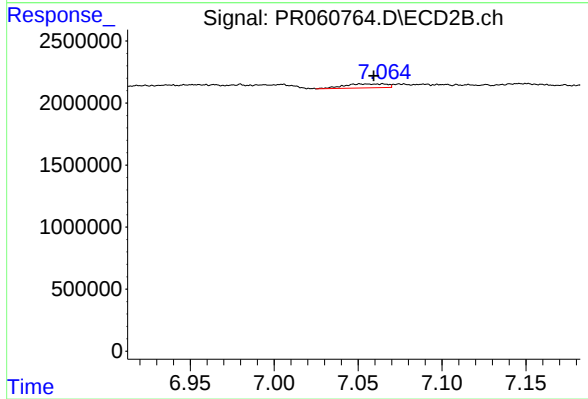
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



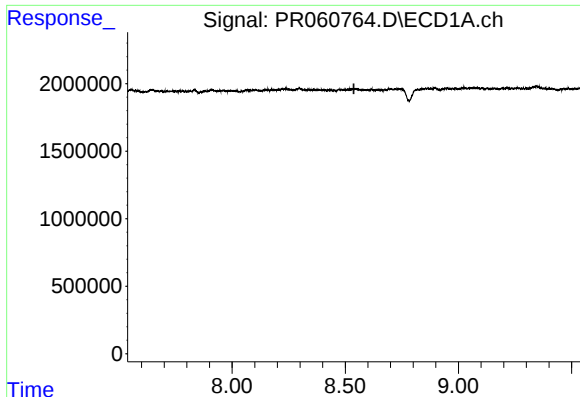
#42 AR-1268-2

R.T.: 8.297 min
Delta R.T.: -0.020 min
Response: 189320
Conc: 0.50 ng/ml



#42 AR-1268-2

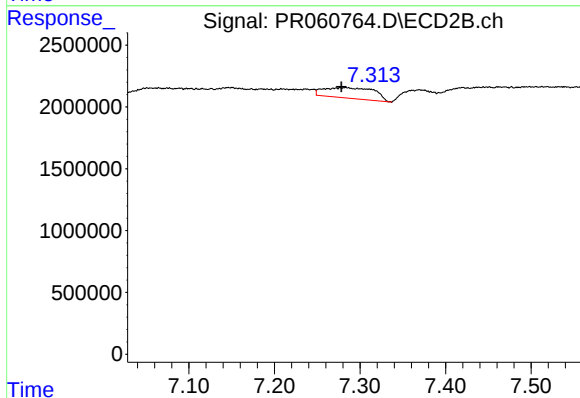
R.T.: 7.065 min
Delta R.T.: 0.005 min
Response: 559056
Conc: 0.84 ng/ml



#43 AR-1268-3

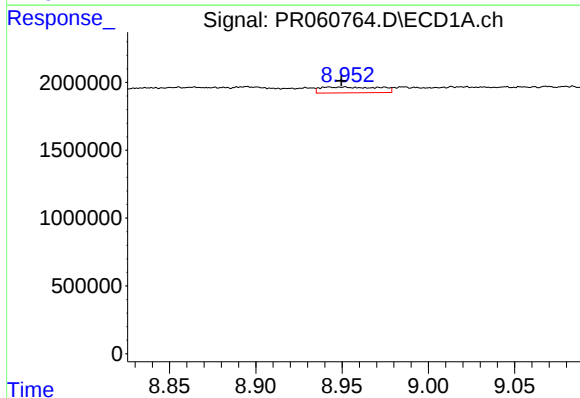
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



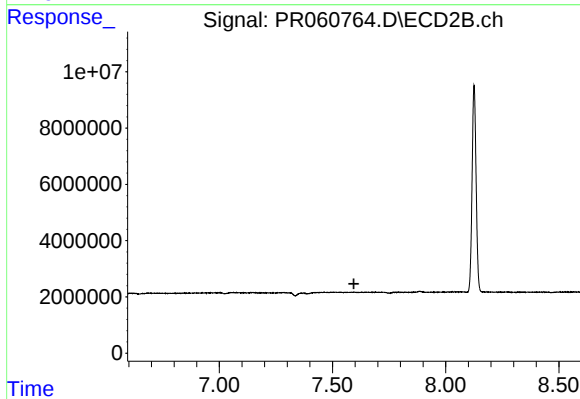
#43 AR-1268-3

R.T.: 7.284 min
Delta R.T.: 0.005 min
Response: 3509546
Conc: 6.17 ng/ml



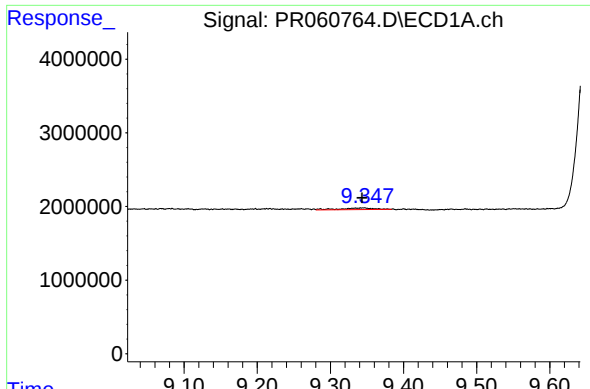
#44 AR-1268-4

R.T.: 8.951 min
Delta R.T.: 0.002 min
Response: 1018381
Conc: 7.09 ng/ml



#44 AR-1268-4

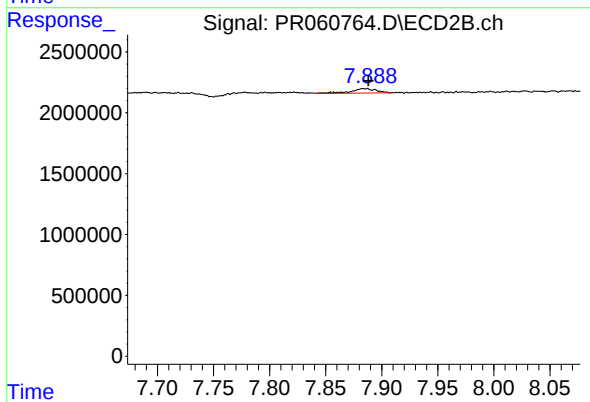
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.003 min
Response: 736271
Conc: 0.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 567315
Conc: 0.30 ng/ml