

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 19:19
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:52:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 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...	3.690	2.906	60054031	84783766	20.101	19.587
2)	SA Decachlor...	9.661	8.139	51916455	75519679	22.634	21.407
Target Compounds							
3)	L1 AR-1016-1	4.924	4.017	1970038	2489478	21.461	17.620
4)	L1 AR-1016-2	4.946	4.035	2662349	4028699	20.447	19.684
5)	L1 AR-1016-3	5.012	4.212	2209176	1851772	26.521	17.349 #
6)	L1 AR-1016-4	5.115	4.263	1387277	1412395	21.126	16.382
7)	L1 AR-1016-5	5.432	4.478	1290717	1963097	19.603	17.534
8)	L2 AR-1221-1	3.913	3.130	1235853	1718497	40.304	45.311
9)	L2 AR-1221-2	4.004	3.211	1620919	2085080	72.012	73.905
10)	L2 AR-1221-3	4.082	3.292	3426993	4033556	51.082	45.629
11)	L3 AR-1232-1	4.082	3.292	3426993	4033556	49.272	43.598
12)	L3 AR-1232-2	4.637	4.035	1385388	4028699	42.585	45.708
13)	L3 AR-1232-3	4.946	4.212	2662349	1851772	45.488	41.449
14)	L3 AR-1232-4	5.115	4.304	1387277	1843462	46.826	45.899
15)	L3 AR-1232-5	5.218	4.478	1002000	1963097	44.590	42.952
16)	L4 AR-1242-1	4.924	4.017	1970038	2489478	26.967	22.518
17)	L4 AR-1242-2	4.946	4.035	2662349	4028699	26.023	24.939
18)	L4 AR-1242-3	5.012	4.212	2209176	1851772	33.634	22.214 #
19)	L4 AR-1242-4	5.115	4.304	1387277	1843462	26.558	22.872
20)	L4 AR-1242-5	5.910	4.847	1201150	2018778	22.389	20.122
21)	L5 AR-1248-1	4.924	4.017	1970038	2489478	35.478	29.982
22)	L5 AR-1248-2	5.218	4.263	1002000	1412395	13.527	11.647
23)	L5 AR-1248-3	5.432	4.304	1290717	1843462	15.096	15.093
24)	L5 AR-1248-4	5.869	4.478	1039685	1963097	11.627	13.153
25)	L5 AR-1248-5	5.910	4.889	1201150	1613159	13.415	11.656
26)	L6 AR-1254-1	5.840	4.847	1149474	2018778	12.345	8.895 #
27)	L6 AR-1254-2	6.079	5.006	1110136	583574	7.855	2.994 #
28)	L6 AR-1254-3	6.474	5.424	636469	1080095	4.333	3.475
29)	L6 AR-1254-4	6.790	5.671	287620	756095	2.712	4.191 #
30)	L6 AR-1254-5	0.000	6.113	0	218187	N.D.	0.793 #
31)	L7 AR-1260-1	0.000	5.573	0	715543	N.D.	3.114 #
32)	L7 AR-1260-2	0.000	5.775	0	188511	N.D.	0.697 #
33)	L7 AR-1260-3	0.000	5.931	0	444323	N.D.	1.729 #
35)	L7 AR-1260-5	0.000	6.692	0	96986	N.D.	0.201 #
39)	L8 AR-1262-4	8.297f	0.000	196555	0	1.483	N.D. #
40)	L8 AR-1262-5	8.953	0.000	37220	0	0.393	N.D. #
42)	L9 AR-1268-2	8.297f	0.000	196555	0	0.706	N.D. #
43)	L9 AR-1268-3	8.532	7.292	197698	178336	0.792	0.368 #
44)	L9 AR-1268-4	8.953	0.000	37220	0	0.339	N.D. #
45)	L9 AR-1268-5	9.340	7.898	263345	435793	0.332	0.296

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Integration File signal 1: autoint1.e
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Quant Time: Feb 25 07:52:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 12:41:32 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
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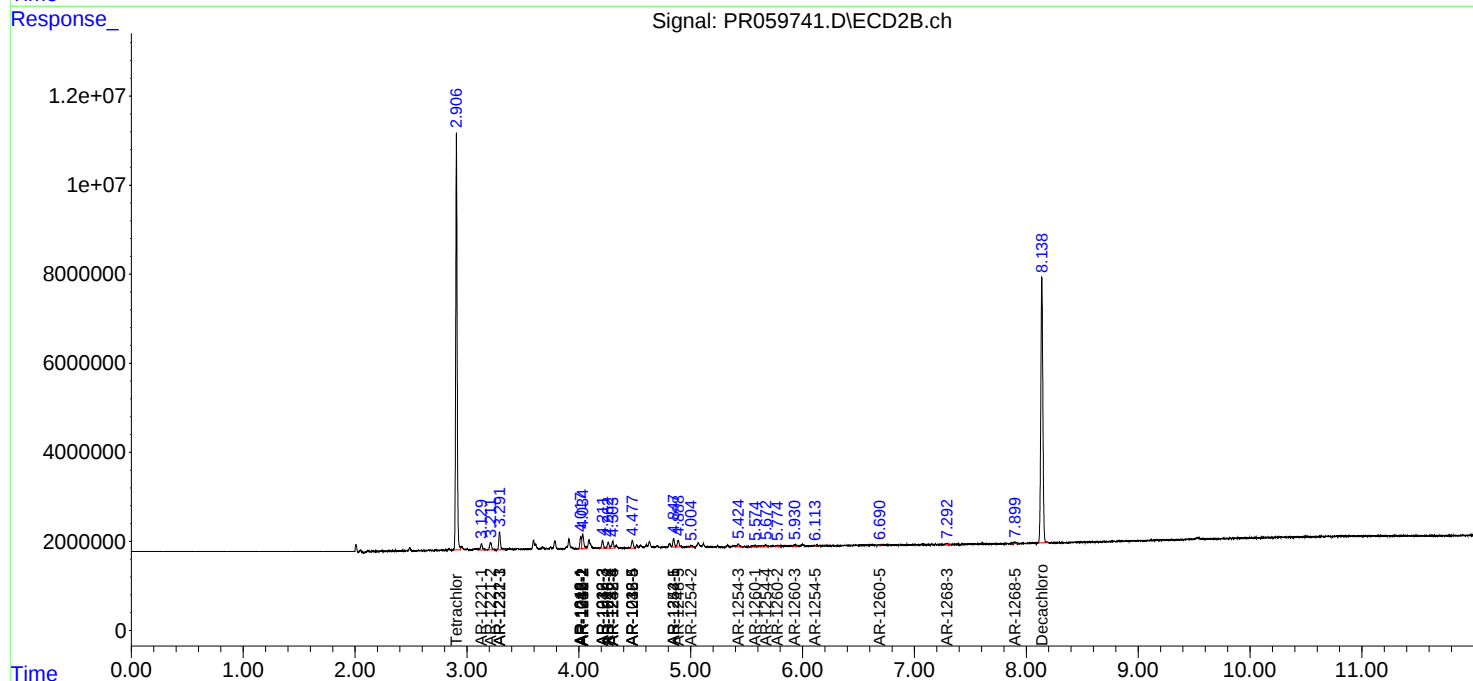
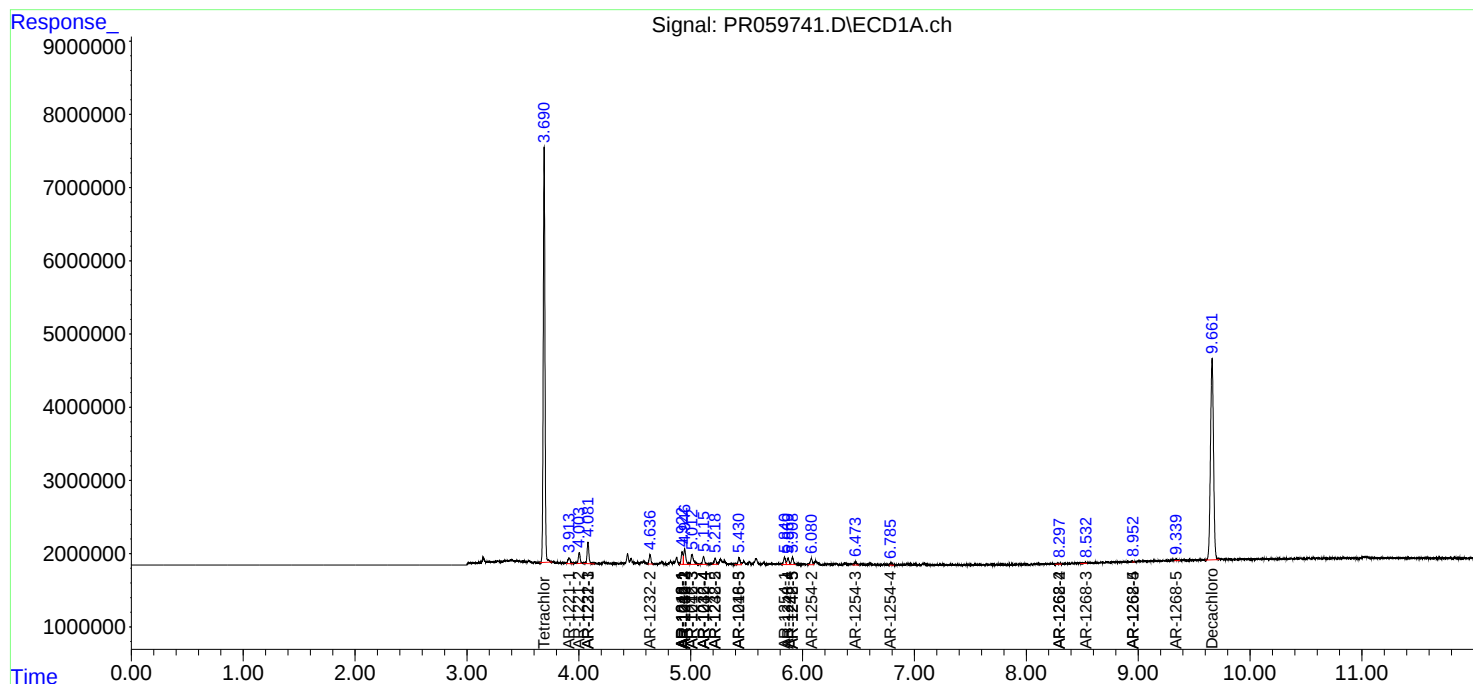
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

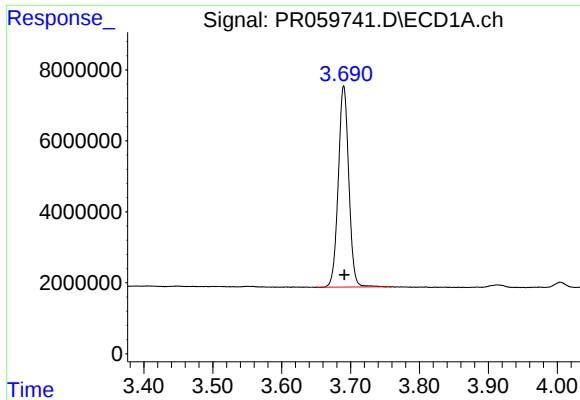
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
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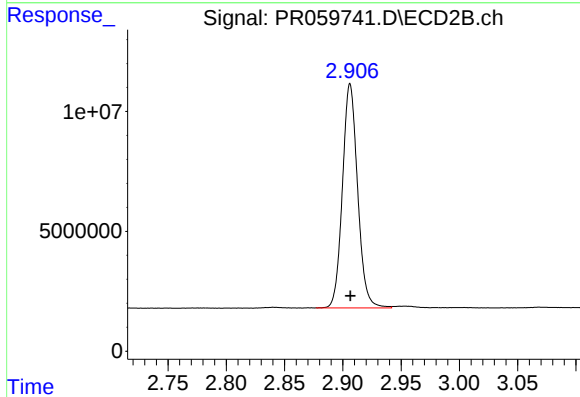




#1 Tetrachloro-m-xylene

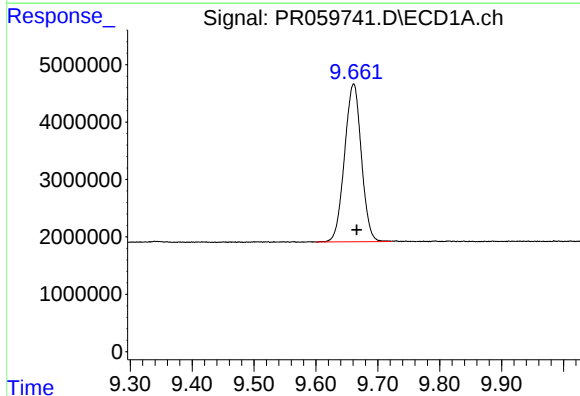
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 60054031
Conc: 20.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



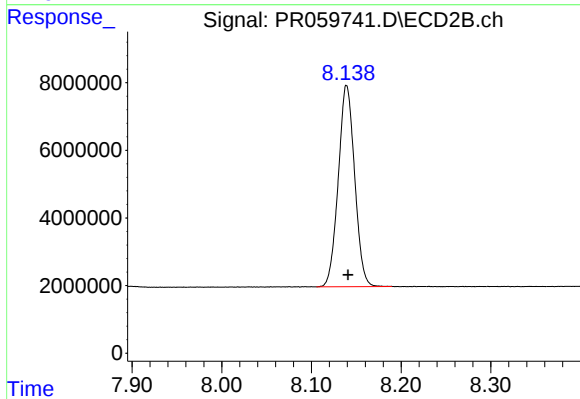
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 84783766
Conc: 19.59 ng/ml



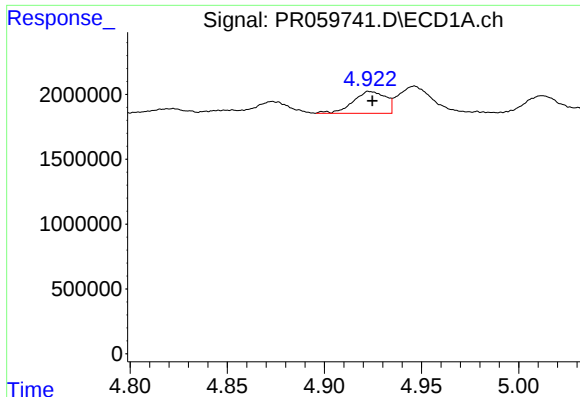
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: -0.005 min
Response: 51916455
Conc: 22.63 ng/ml



#2 Decachlorobiphenyl

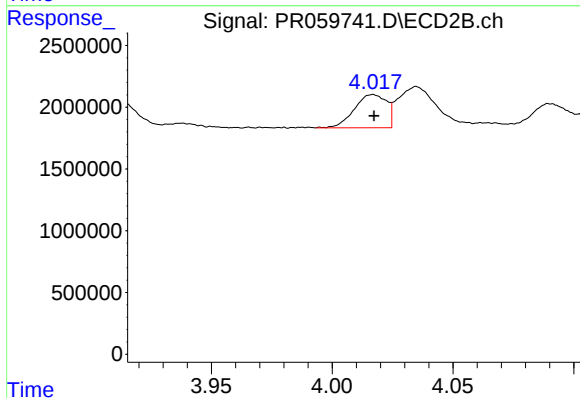
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 75519679
Conc: 21.41 ng/ml



#3 AR-1016-1

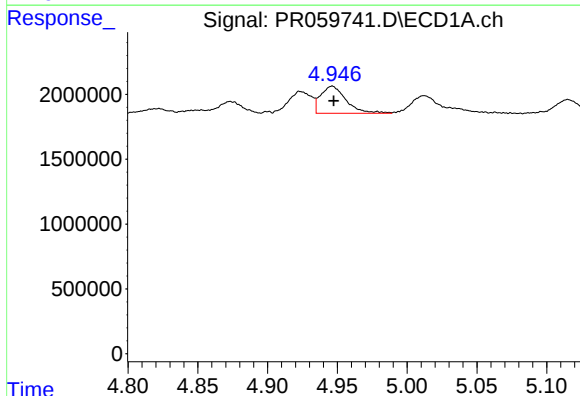
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 1970038
Conc: 21.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



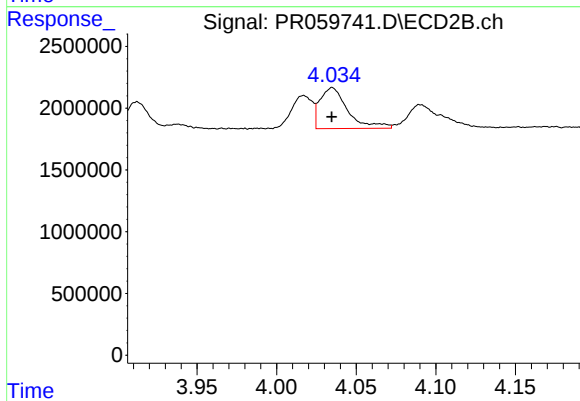
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2489478
Conc: 17.62 ng/ml



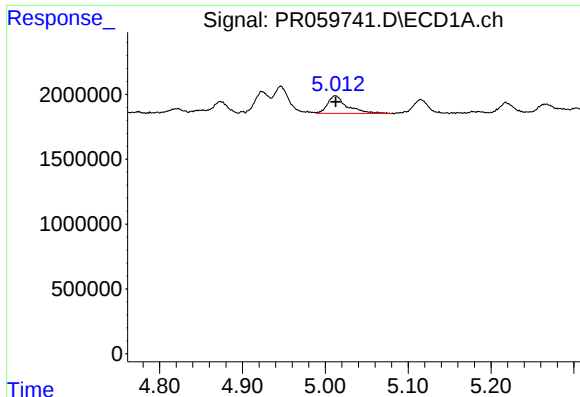
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 2662349
Conc: 20.45 ng/ml



#4 AR-1016-2

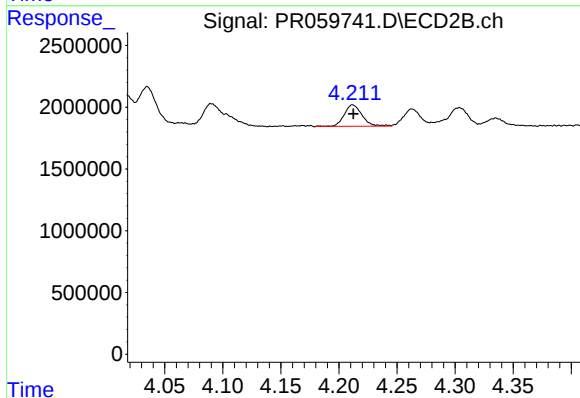
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 4028699
Conc: 19.68 ng/ml



#5 AR-1016-3

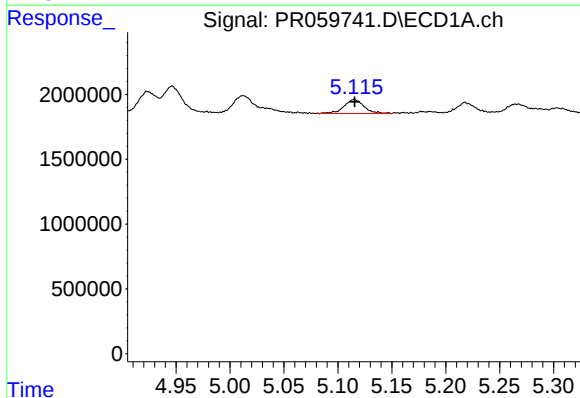
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 2209176
Conc: 26.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



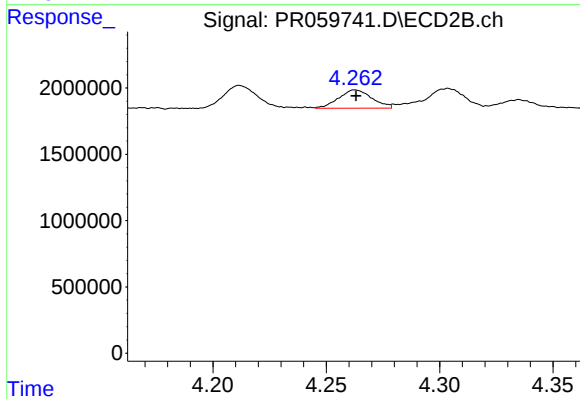
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 1851772
Conc: 17.35 ng/ml



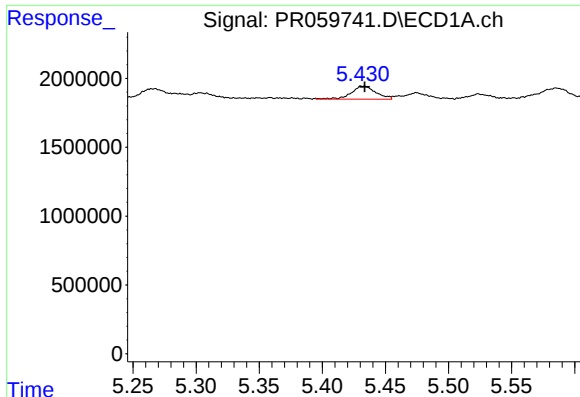
#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1387277
Conc: 21.13 ng/ml



#6 AR-1016-4

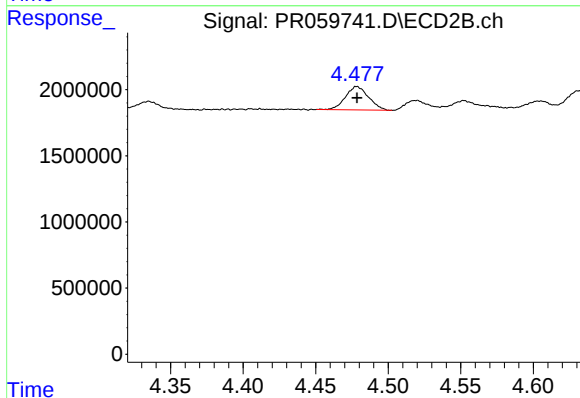
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1412395
Conc: 16.38 ng/ml



#7 AR-1016-5

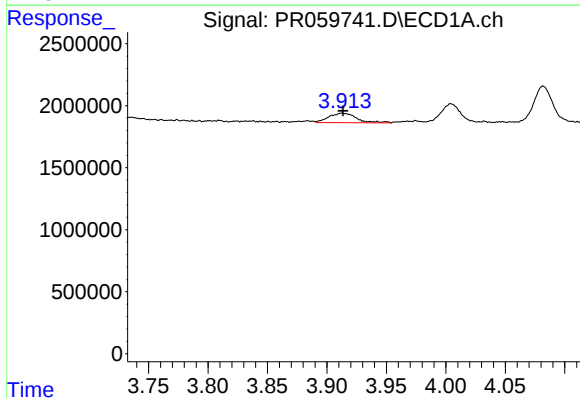
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1290717
Conc: 19.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



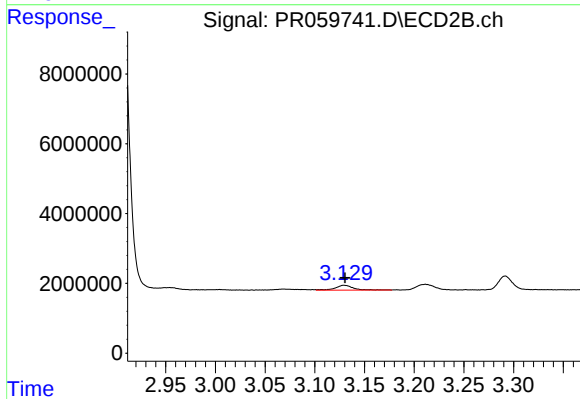
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 1963097
Conc: 17.53 ng/ml



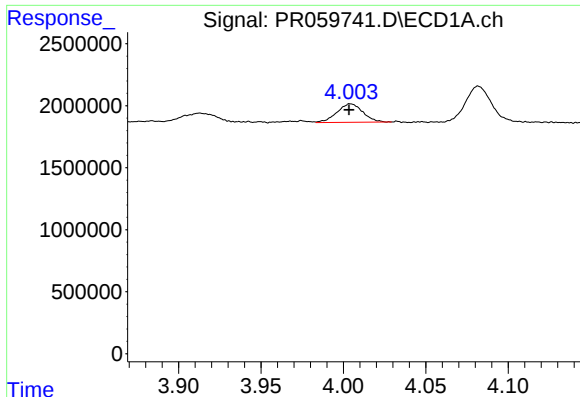
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 1235853
Conc: 40.30 ng/ml



#8 AR-1221-1

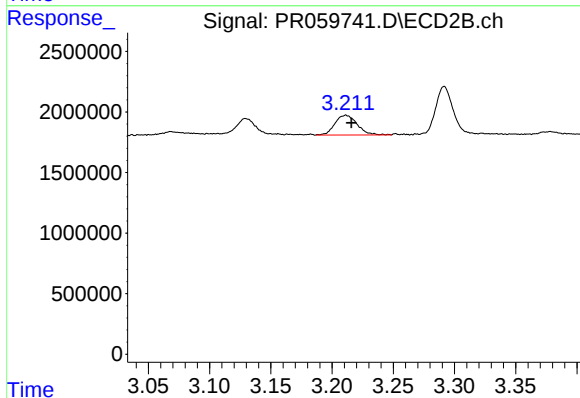
R.T.: 3.130 min
Delta R.T.: 0.000 min
Response: 1718497
Conc: 45.31 ng/ml



#9 AR-1221-2

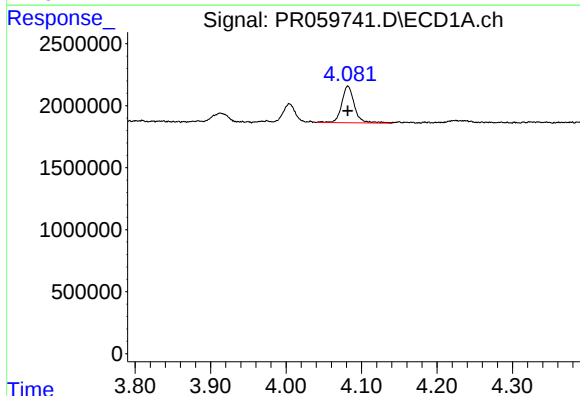
R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 1620919
Conc: 72.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



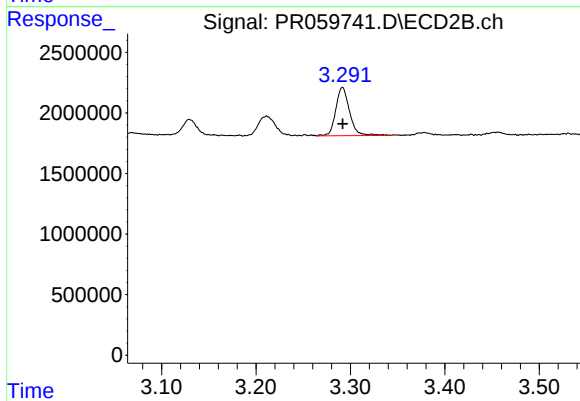
#9 AR-1221-2

R.T.: 3.211 min
Delta R.T.: -0.004 min
Response: 2085080
Conc: 73.90 ng/ml



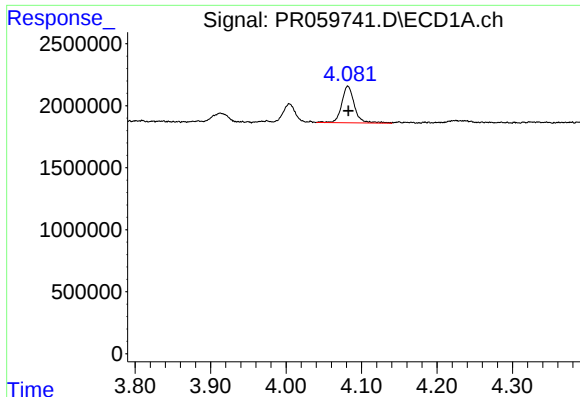
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 3426993
Conc: 51.08 ng/ml



#10 AR-1221-3

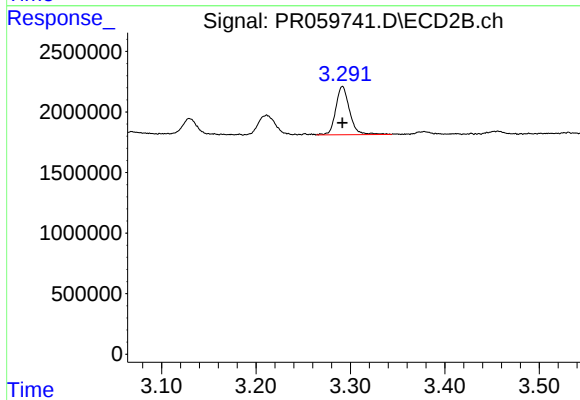
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 4033556
Conc: 45.63 ng/ml



#11 AR-1232-1

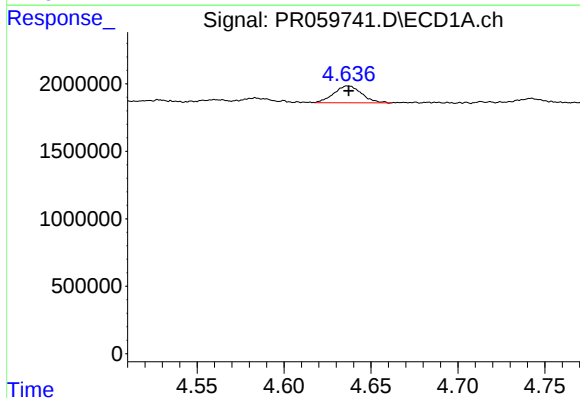
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 3426993
Conc: 49.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



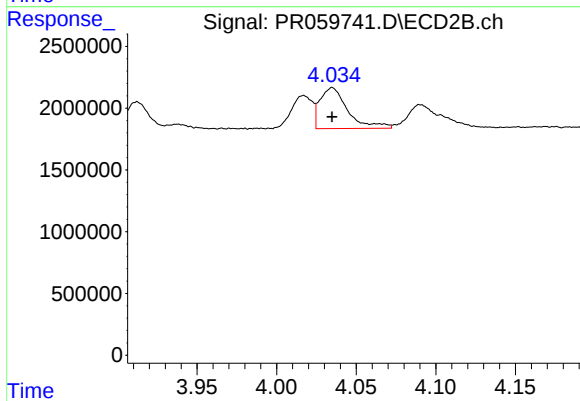
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 4033556
Conc: 43.60 ng/ml



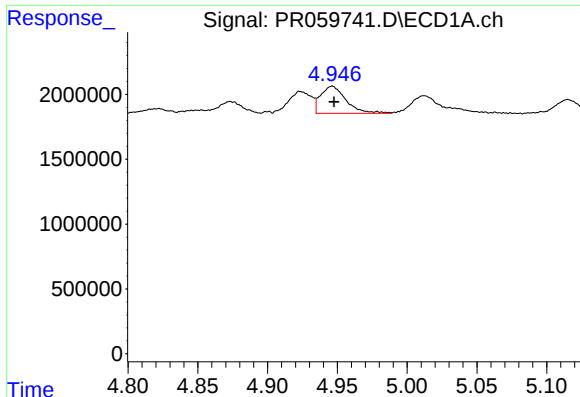
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 1385388
Conc: 42.59 ng/ml



#12 AR-1232-2

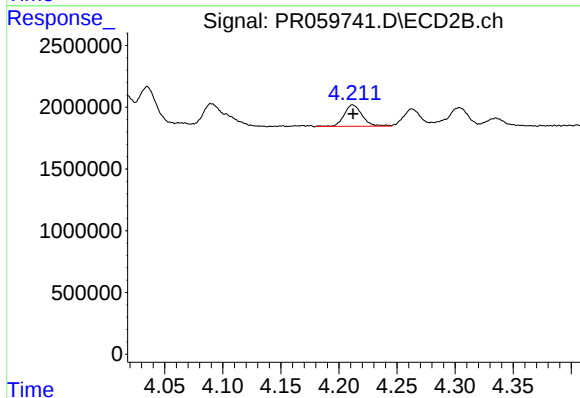
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 4028699
Conc: 45.71 ng/ml



#13 AR-1232-3

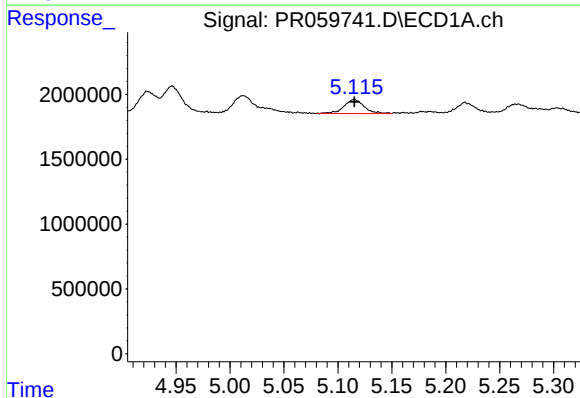
R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 2662349
Conc: 45.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



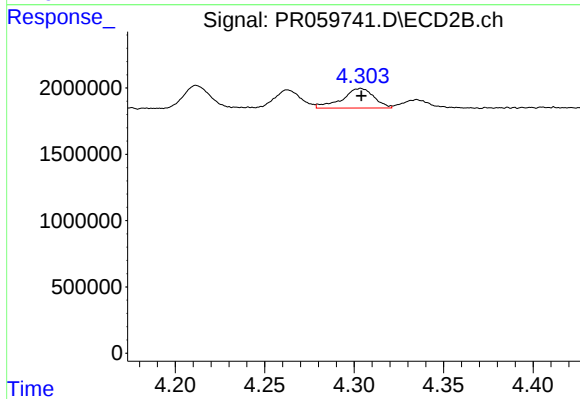
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 1851772
Conc: 41.45 ng/ml



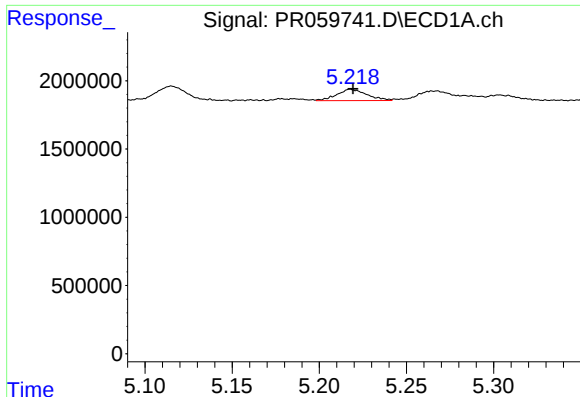
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1387277
Conc: 46.83 ng/ml



#14 AR-1232-4

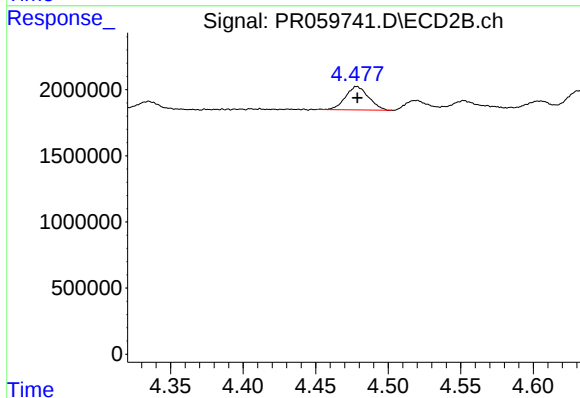
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1843462
Conc: 45.90 ng/ml



#15 AR-1232-5

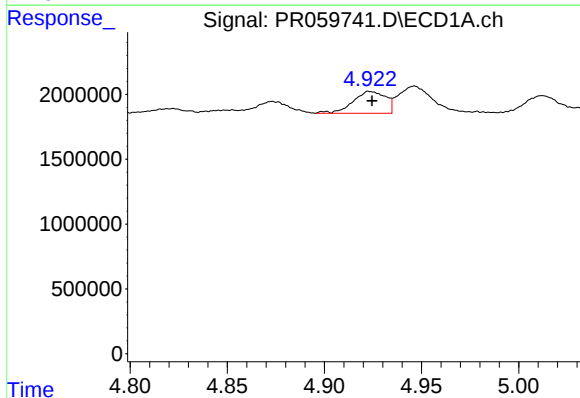
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 1002000
Conc: 44.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



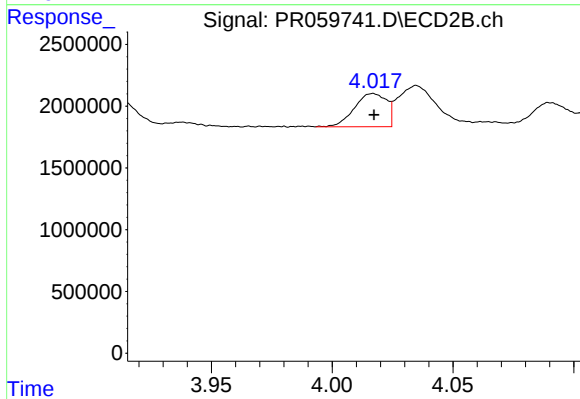
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 1963097
Conc: 42.95 ng/ml



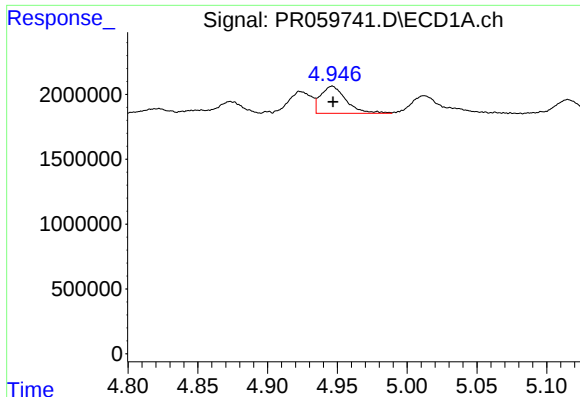
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 1970038
Conc: 26.97 ng/ml



#16 AR-1242-1

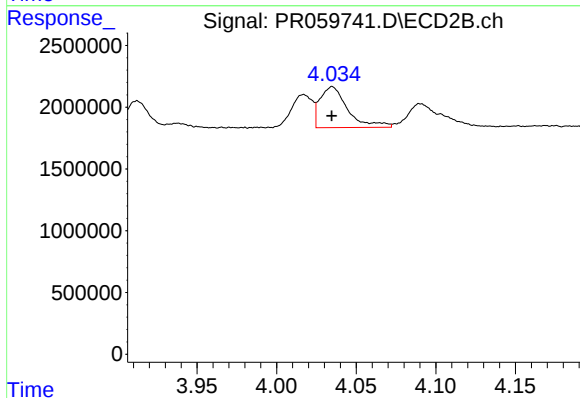
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2489478
Conc: 22.52 ng/ml



#17 AR-1242-2

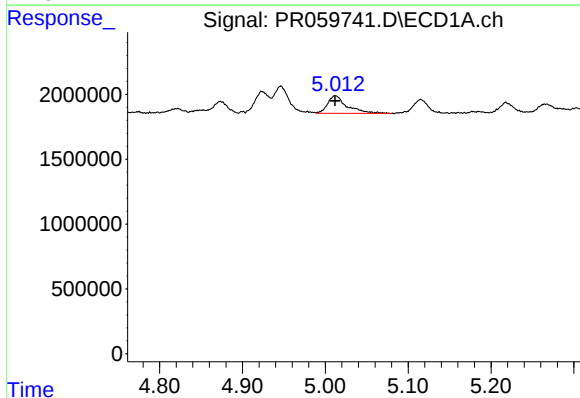
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 2662349
Conc: 26.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



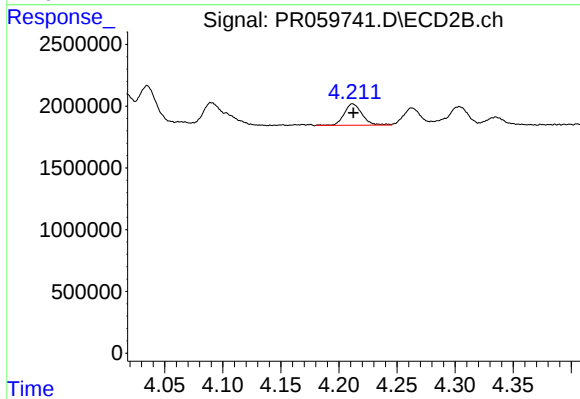
#17 AR-1242-2

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 4028699
Conc: 24.94 ng/ml



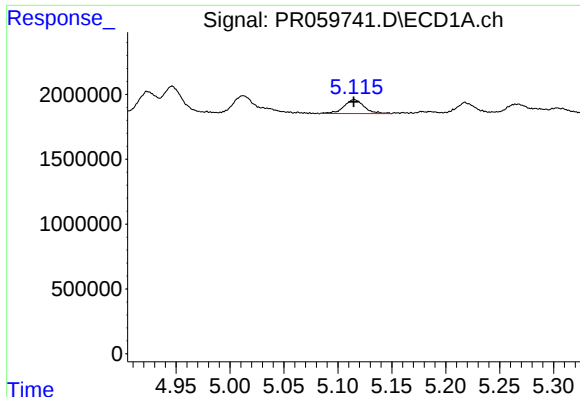
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 2209176
Conc: 33.63 ng/ml



#18 AR-1242-3

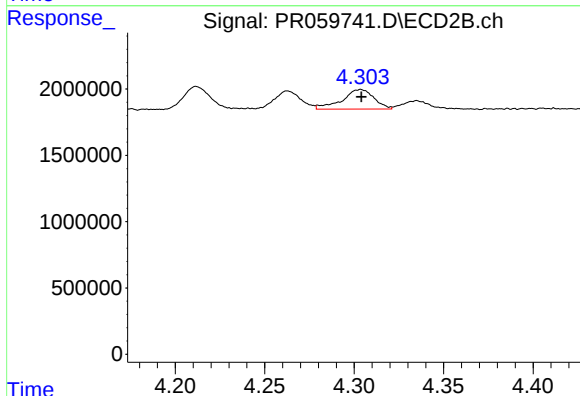
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 1851772
Conc: 22.21 ng/ml



#19 AR-1242-4

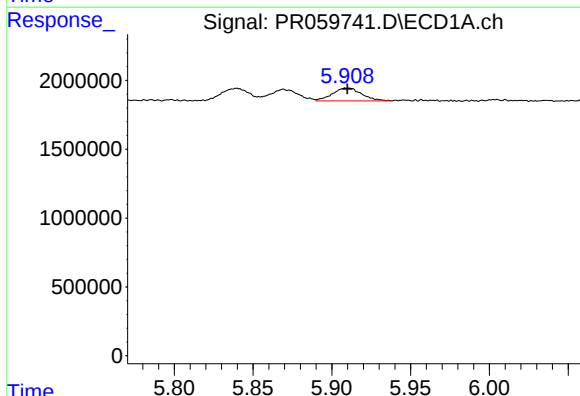
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1387277
Conc: 26.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



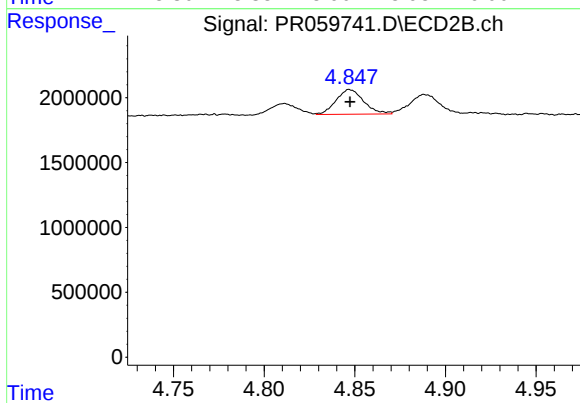
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1843462
Conc: 22.87 ng/ml



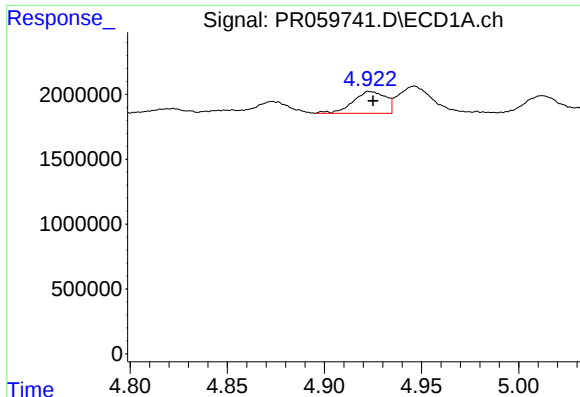
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1201150
Conc: 22.39 ng/ml



#20 AR-1242-5

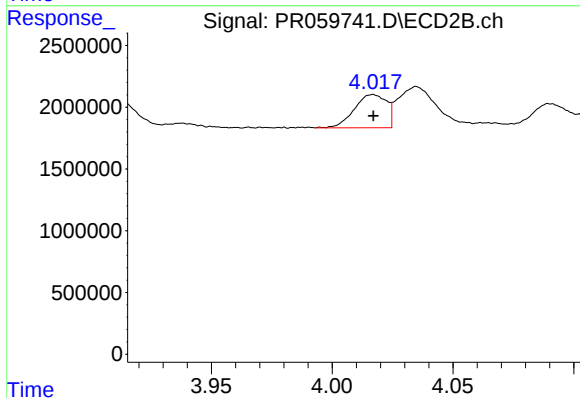
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 2018778
Conc: 20.12 ng/ml



#21 AR-1248-1

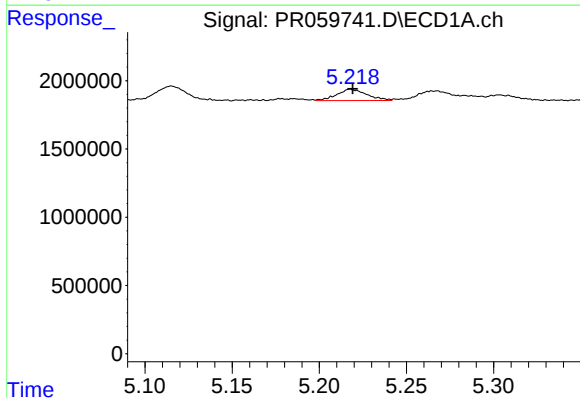
R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 1970038
Conc: 35.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



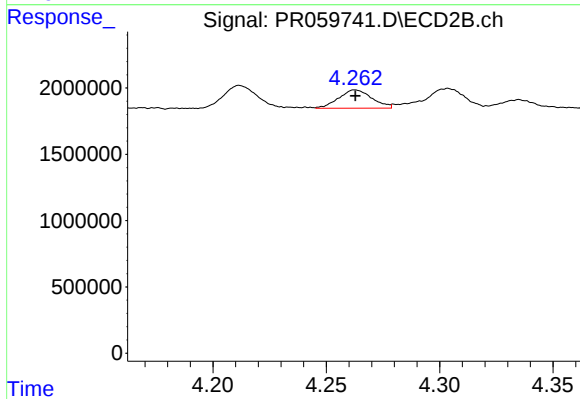
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2489478
Conc: 29.98 ng/ml



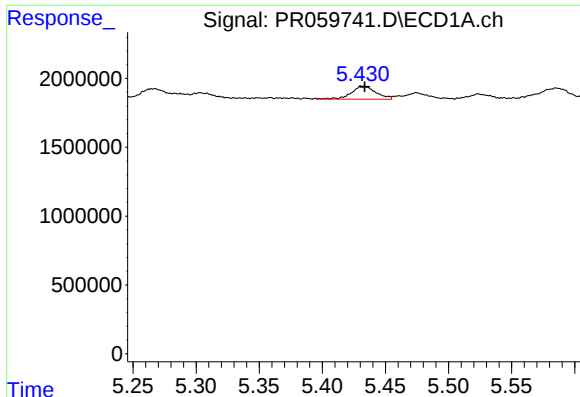
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 1002000
Conc: 13.53 ng/ml



#22 AR-1248-2

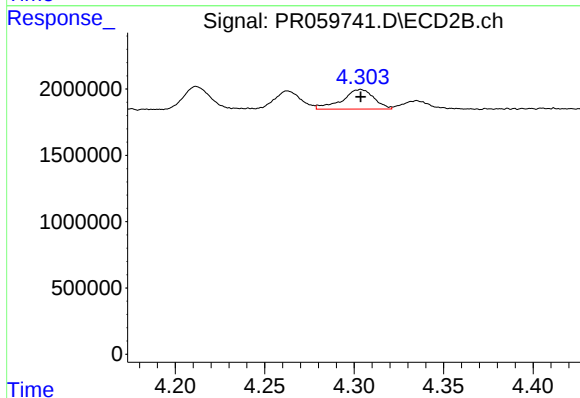
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1412395
Conc: 11.65 ng/ml



#23 AR-1248-3

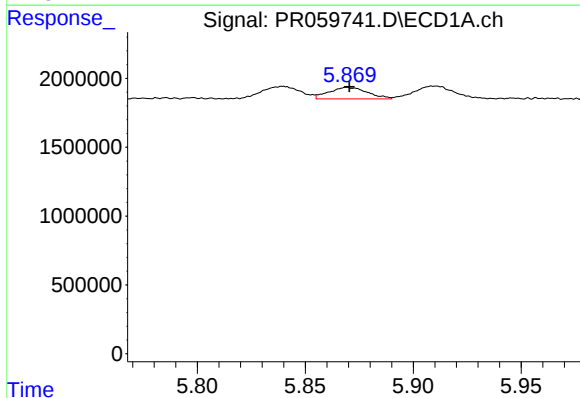
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1290717
Conc: 15.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



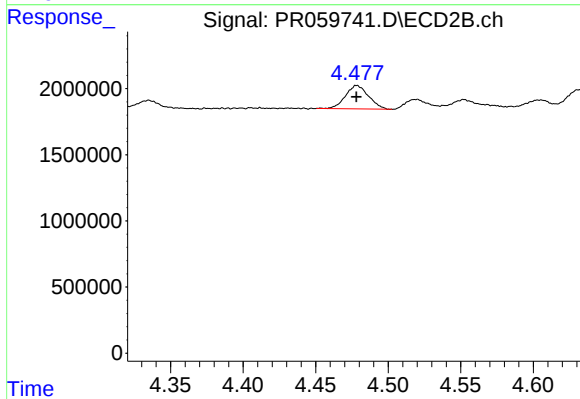
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1843462
Conc: 15.09 ng/ml



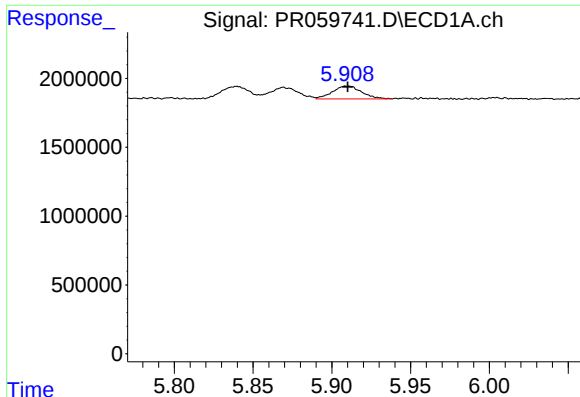
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 1039685
Conc: 11.63 ng/ml



#24 AR-1248-4

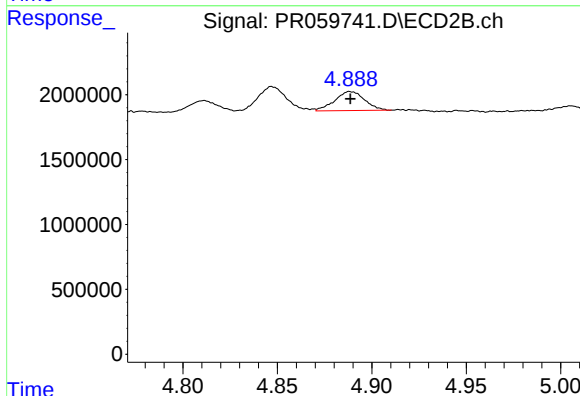
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 1963097
Conc: 13.15 ng/ml



#25 AR-1248-5

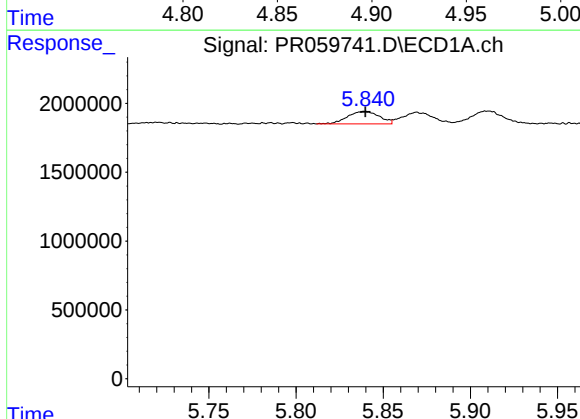
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1201150
Conc: 13.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



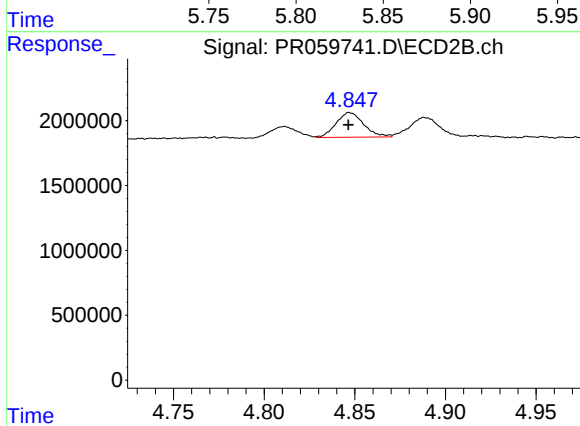
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 1613159
Conc: 11.66 ng/ml



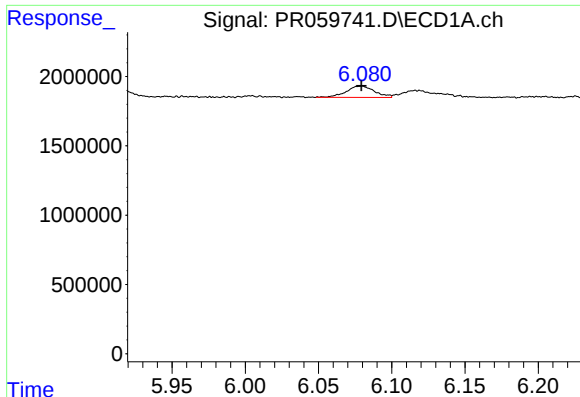
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 1149474
Conc: 12.35 ng/ml



#26 AR-1254-1

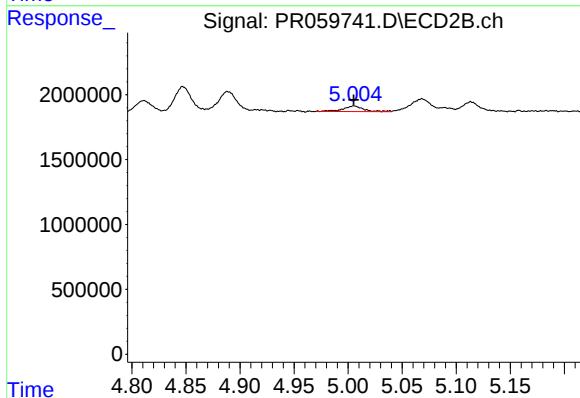
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 2018778
Conc: 8.89 ng/ml



#27 AR-1254-2

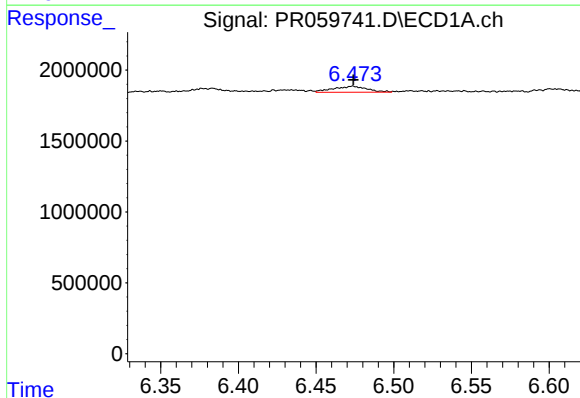
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1110136
Conc: 7.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



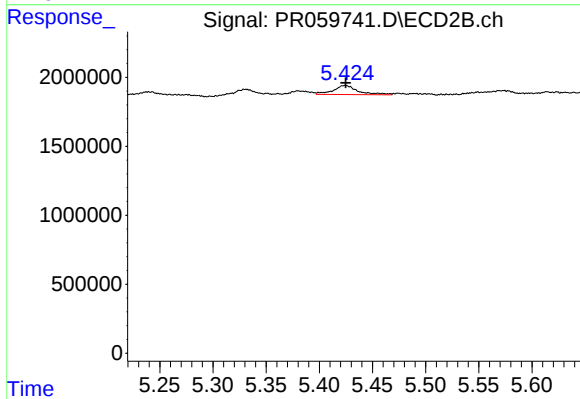
#27 AR-1254-2

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 583574
Conc: 2.99 ng/ml



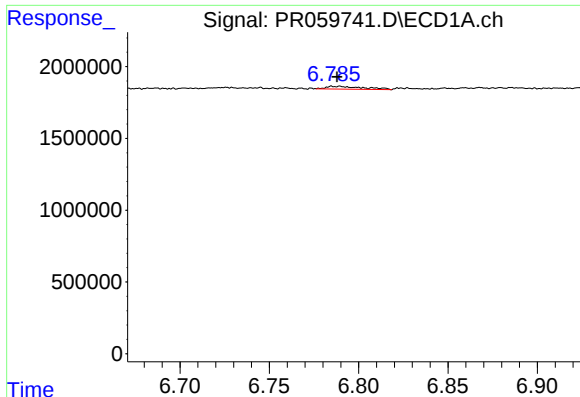
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 636469
Conc: 4.33 ng/ml



#28 AR-1254-3

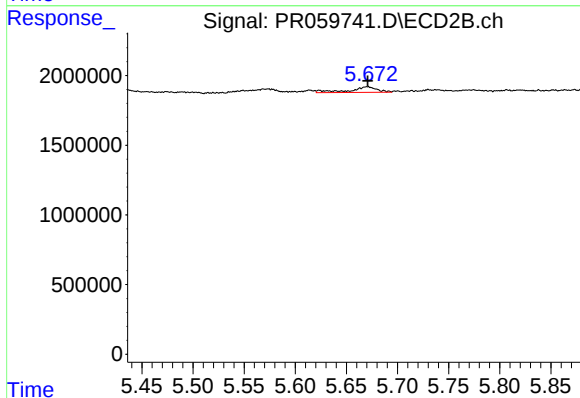
R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 1080095
Conc: 3.48 ng/ml



#29 AR-1254-4

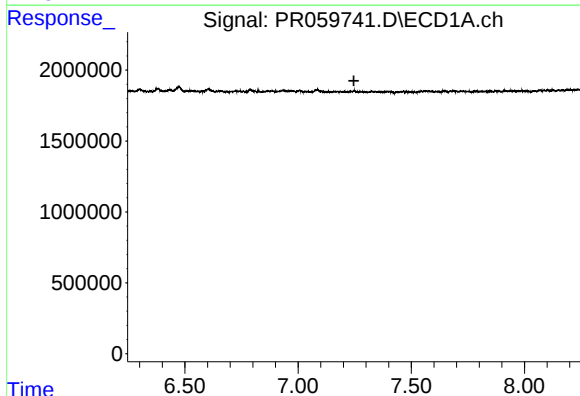
R.T.: 6.790 min
Delta R.T.: 0.002 min
Response: 287620
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



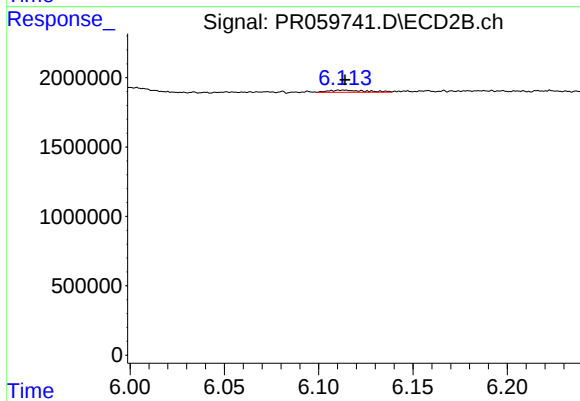
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 756095
Conc: 4.19 ng/ml



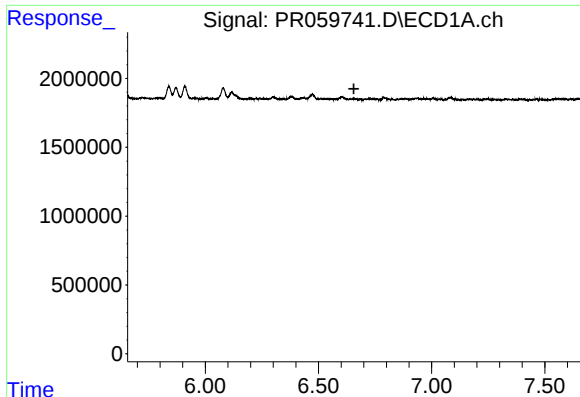
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.246 min
Response: 0
Conc: N.D.



#30 AR-1254-5

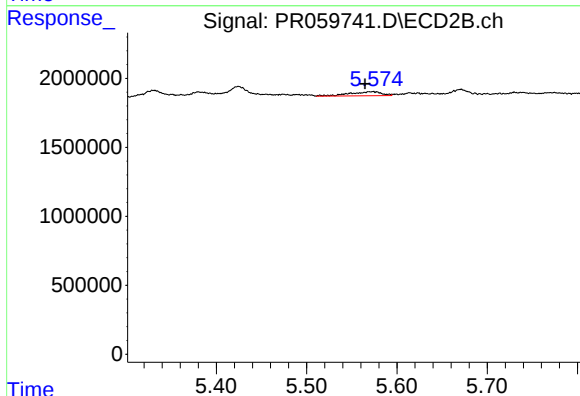
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 218187
Conc: 0.79 ng/ml



#31 AR-1260-1

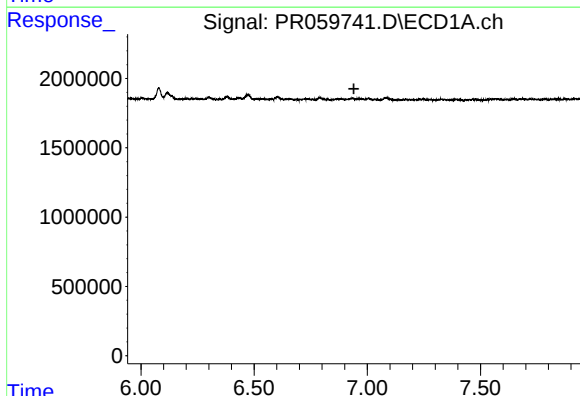
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



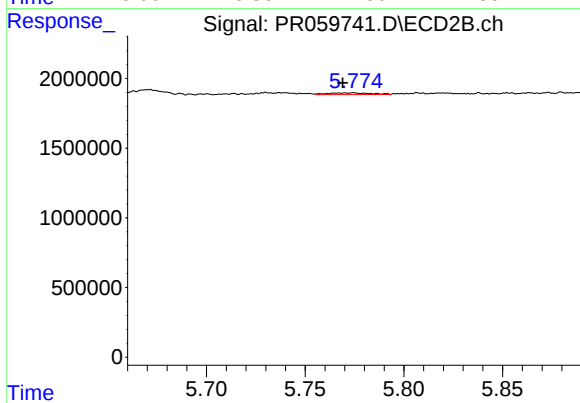
#31 AR-1260-1

R.T.: 5.573 min
Delta R.T.: 0.009 min
Response: 715543
Conc: 3.11 ng/ml



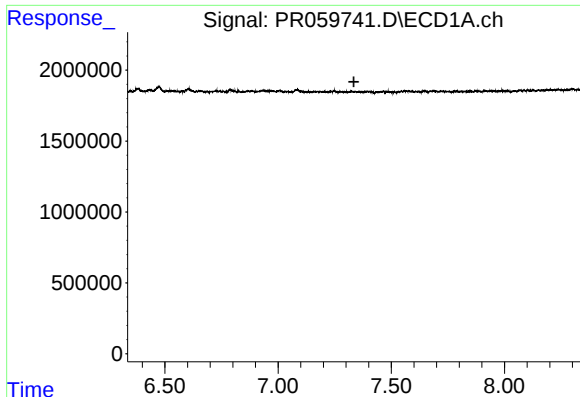
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.941 min
Response: 0
Conc: N.D.



#32 AR-1260-2

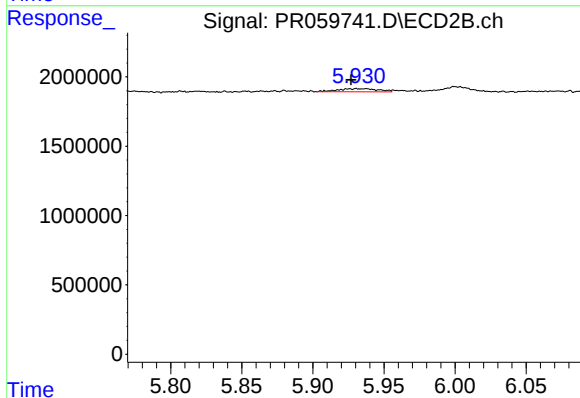
R.T.: 5.775 min
Delta R.T.: 0.006 min
Response: 188511
Conc: 0.70 ng/ml



#33 AR-1260-3

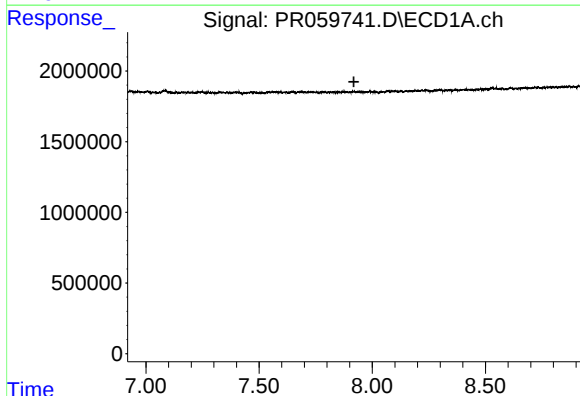
R.T.: 0.000 min
Exp R.T.: 7.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



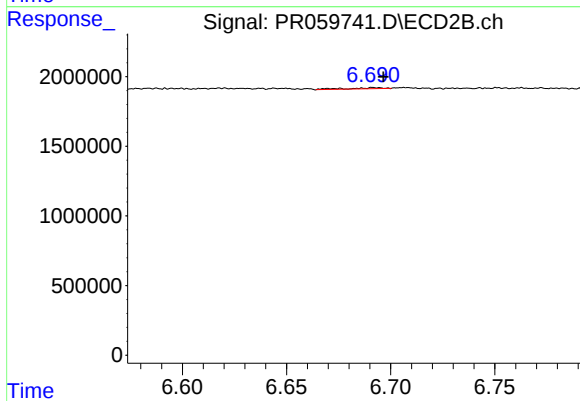
#33 AR-1260-3

R.T.: 5.931 min
Delta R.T.: 0.004 min
Response: 444323
Conc: 1.73 ng/ml



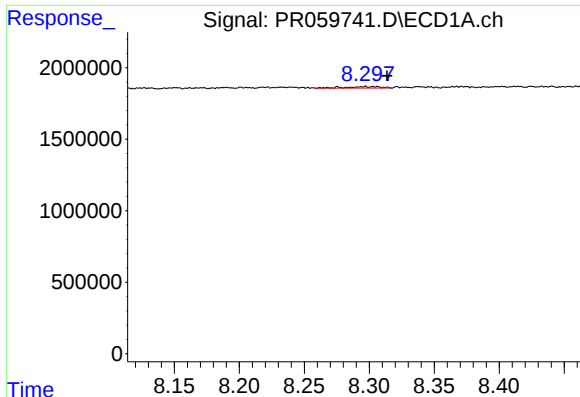
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.919 min
Response: 0
Conc: N.D.



#35 AR-1260-5

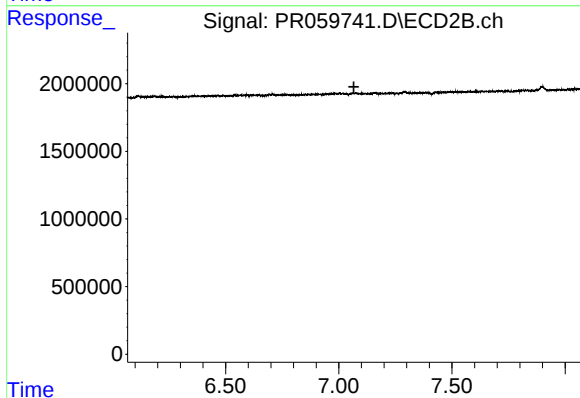
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 96986
Conc: 0.20 ng/ml



#39 AR-1262-4

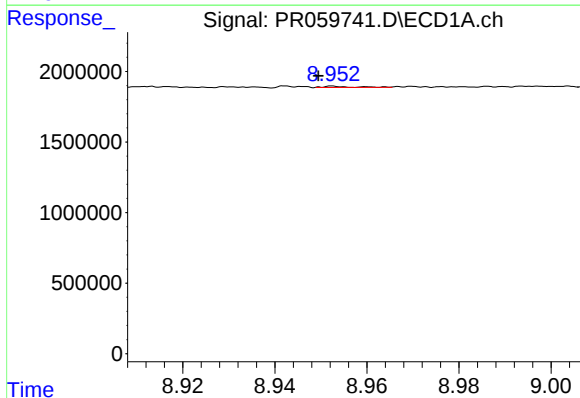
R.T.: 8.297 min
Delta R.T.: -0.017 min
Response: 196555
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



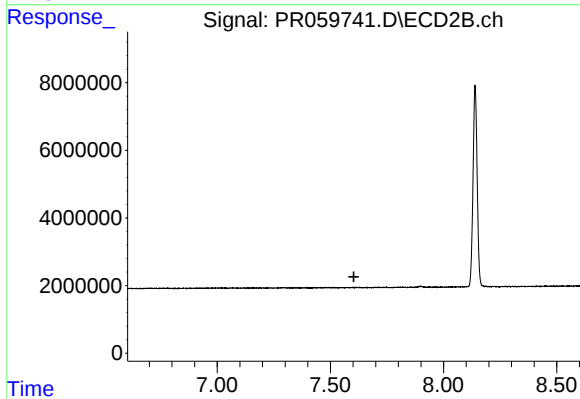
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.067 min
Response: 0
Conc: N.D.



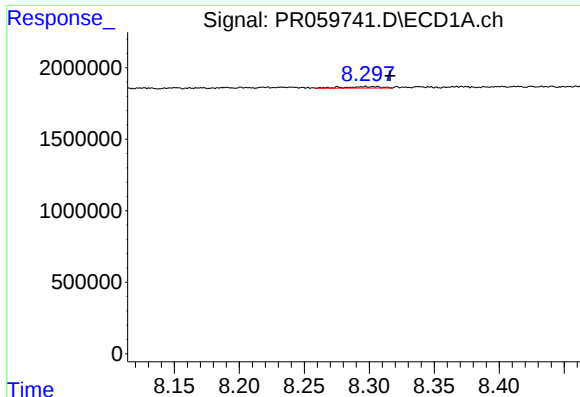
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: 0.003 min
Response: 37220
Conc: 0.39 ng/ml



#40 AR-1262-5

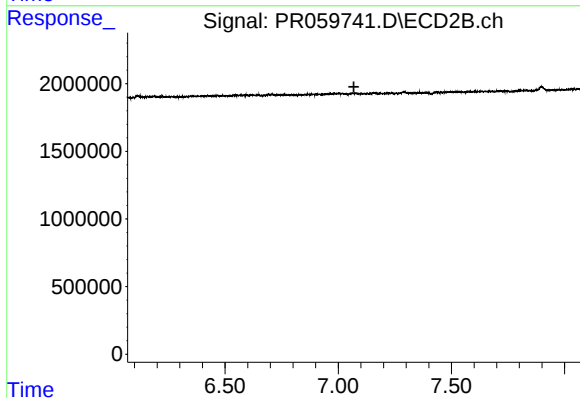
R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.



#42 AR-1268-2

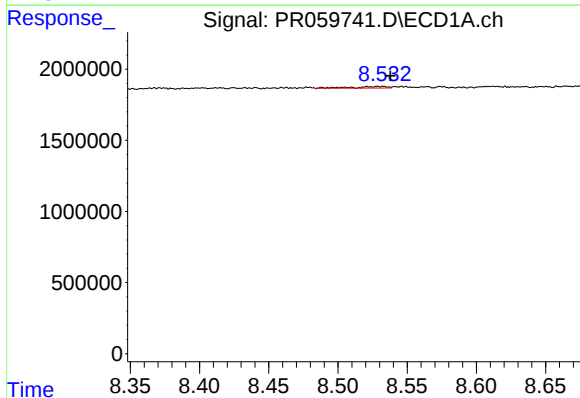
R.T.: 8.297 min
Delta R.T.: -0.019 min
Response: 196555
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



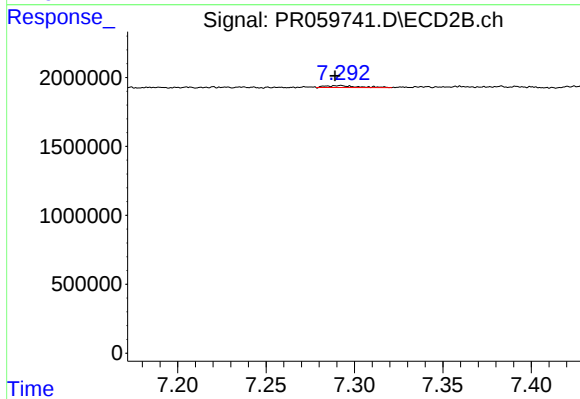
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.069 min
Response: 0
Conc: N.D.



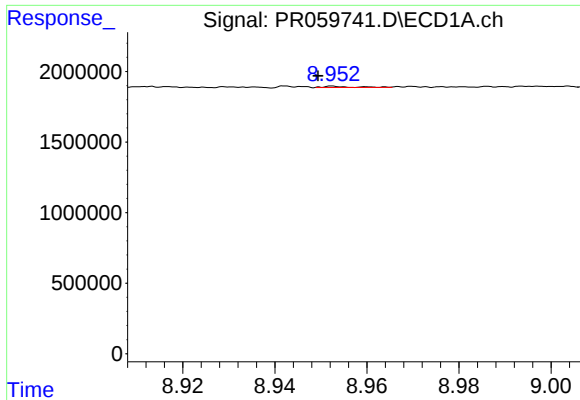
#43 AR-1268-3

R.T.: 8.532 min
Delta R.T.: -0.005 min
Response: 197698
Conc: 0.79 ng/ml



#43 AR-1268-3

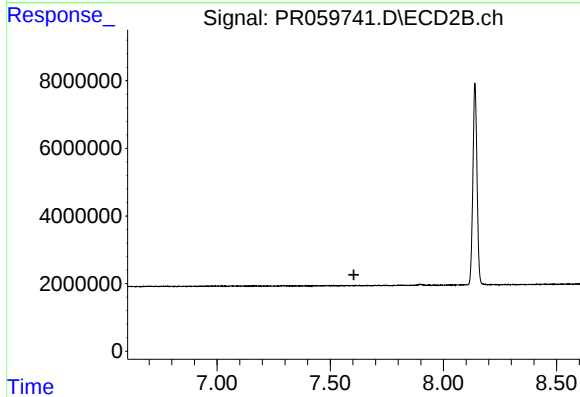
R.T.: 7.292 min
Delta R.T.: 0.003 min
Response: 178336
Conc: 0.37 ng/ml



#44 AR-1268-4

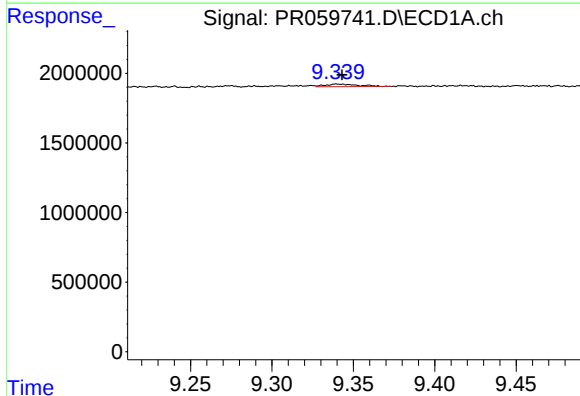
R.T.: 8.953 min
Delta R.T.: 0.003 min
Response: 37220
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



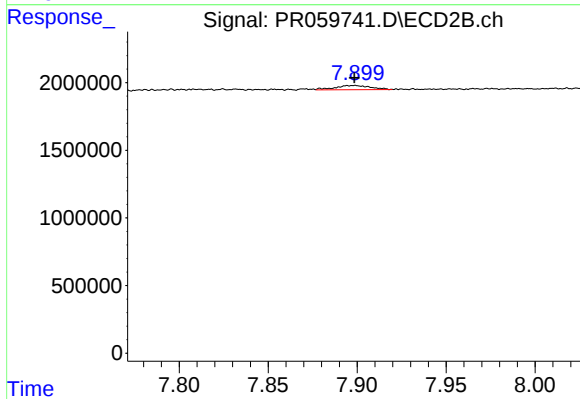
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.003 min
Response: 263345
Conc: 0.33 ng/ml



#45 AR-1268-5

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 435793
Conc: 0.30 ng/ml