

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055679.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 22:21
 Operator : AJ\MA
 Sample : N3980-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:57:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 2022
 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...	3.635	2.905	86199819	41625498	20.201	20.732
2)	SA Decachlor...	9.527	8.121	37651435	37989321	21.176	20.884
Target Compounds							
3)	L1 AR-1016-1	4.878f	4.042f	566641	253640	4.894	3.917
4)	L1 AR-1016-2	4.878	4.042	566641	253640	3.453	2.777
5)	L1 AR-1016-3	4.950	0.000	323419	0	3.270	N.D. #
6)	L1 AR-1016-4	0.000	4.259	0	1716899	N.D.	45.191 #
7)	L1 AR-1016-5	5.359	4.473	1698551	1029273	23.492	20.865
9)	L2 AR-1221-2	3.946	3.206	1229440	591084	33.935	34.474
12)	L3 AR-1232-2	4.558	4.042	522544	253640	12.175	6.309 #
13)	L3 AR-1232-3	4.878	0.000	566641	0	7.743	N.D. #
14)	L3 AR-1232-4	0.000	4.298	0	488931	N.D.	26.630 #
15)	L3 AR-1232-5	5.147	4.473	2955926	1029273	118.476	49.777 #
16)	L4 AR-1242-1	4.878f	4.042f	566641	253640	6.025	4.730
17)	L4 AR-1242-2	4.878	4.042	566641	253640	4.183	3.391
18)	L4 AR-1242-3	4.950	0.000	323419	0	4.060	N.D. #
19)	L4 AR-1242-4	0.000	4.298	0	488931	N.D.	12.988 #
20)	L4 AR-1242-5	5.834	4.840	1602862	4163805	27.832	84.112 #
21)	L5 AR-1248-1	4.878f	4.042f	566641	253640	7.795	6.233
22)	L5 AR-1248-2	5.147	4.259	2955926	1716899	33.245	31.021
23)	L5 AR-1248-3	5.359	4.298	1698551	488931	17.069	8.694 #
24)	L5 AR-1248-4	5.792	4.473	2050375	1029273	20.980	15.168 #
25)	L5 AR-1248-5	5.834	4.883	1602862	562276	16.418	7.884 #
26)	L6 AR-1254-1	5.763	4.840	4597688	4163805	44.892	38.107
27)	L6 AR-1254-2	6.000	4.999	6698637	3540036	45.569	36.559
28)	L6 AR-1254-3	6.391	5.417	6693341	6072985	45.686	39.869
29)	L6 AR-1254-4	6.703	5.662	4461356	3807453	43.035	38.641
30)	L6 AR-1254-5	7.159	6.104	4787113	5268361	44.149	38.885
31)	L7 AR-1260-1	6.572	5.557	2603239	3091894	24.046	30.687 #
32)	L7 AR-1260-2	6.854	5.760	2761195	2834836	22.315	23.187
33)	L7 AR-1260-3	7.221f	5.914	457554	2501829	5.069	22.122 #
34)	L7 AR-1260-4	7.468f	6.418	2024561	390913	19.719	4.085 #
35)	L7 AR-1260-5	7.824	6.684	832764	683546	4.284	3.044 #
36)	L8 AR-1262-1	7.221f	6.175f	457554	470848	3.680	3.501
37)	L8 AR-1262-2	7.824	6.418	832764	390913	3.902	3.203
38)	L8 AR-1262-3	8.140	6.982	1032305	1010861	7.001	10.502 #
39)	L8 AR-1262-4	8.210	7.050	484006	1207959	7.702	6.639
40)	L8 AR-1262-5	8.839	7.586	203993	664026	2.575	7.749 #
41)	L9 AR-1268-1	8.140	6.982	1032305	1010861	4.140	3.594
42)	L9 AR-1268-2	8.210	7.050	484006	1207959	2.120	4.722 #
43)	L9 AR-1268-3	8.412f	7.276	581773	251896	3.021	1.170 #
44)	L9 AR-1268-4	8.839	7.586	203993	664026	2.313	6.988 #

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 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
45) L9	AR-1268-5	9.220	7.882	508127	2209497	0.831	3.243 #

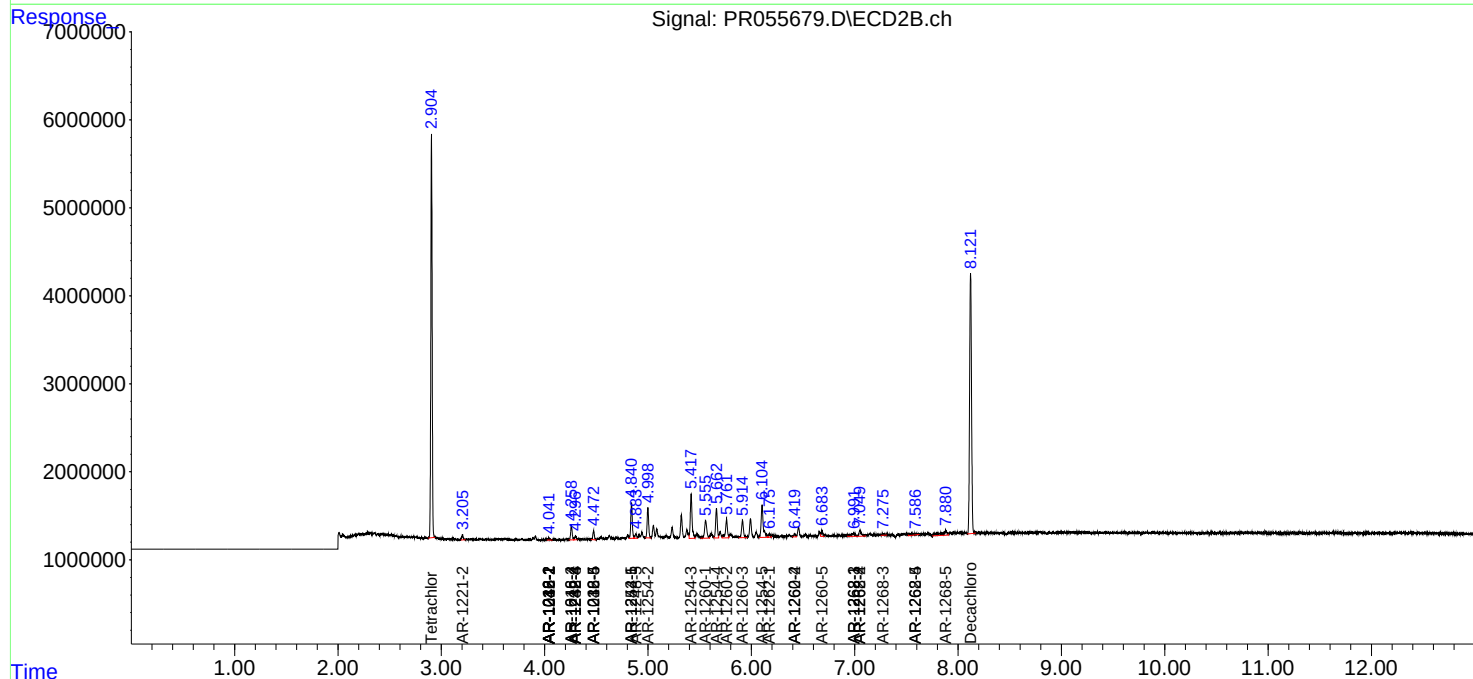
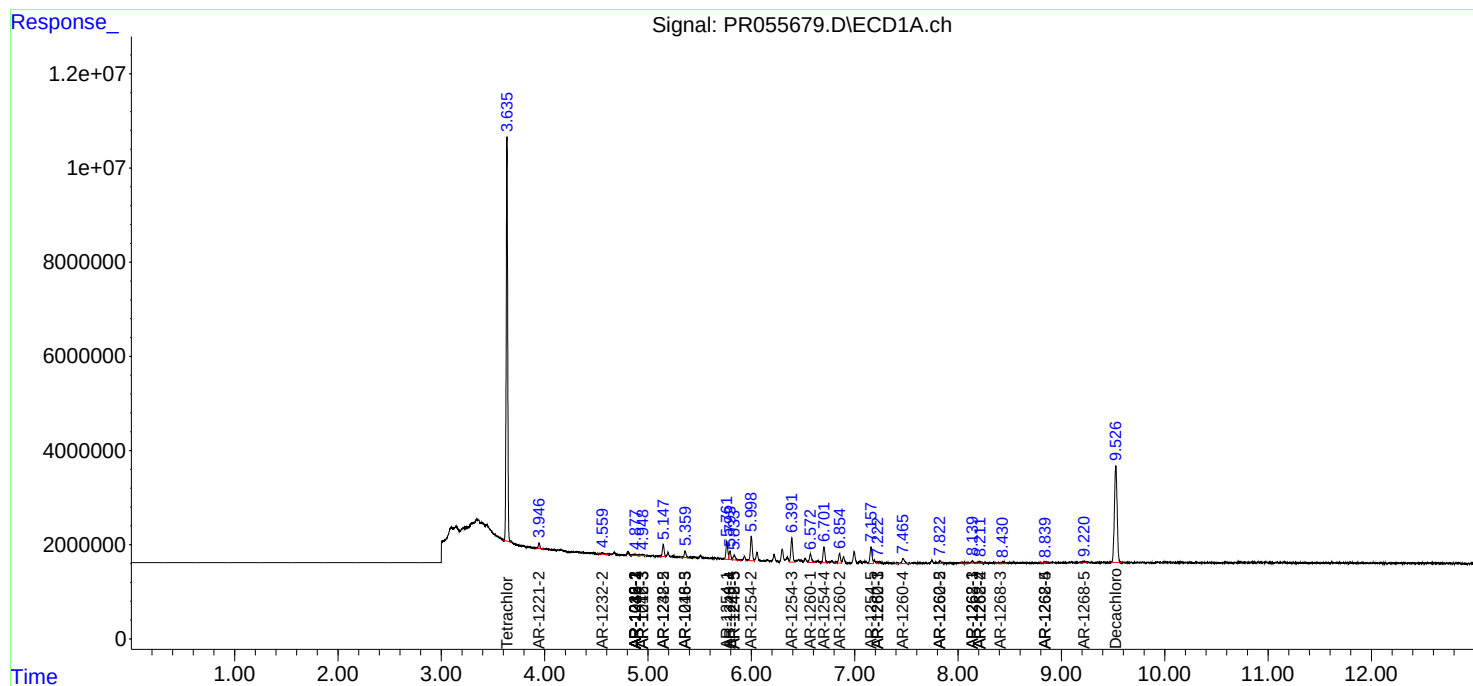
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

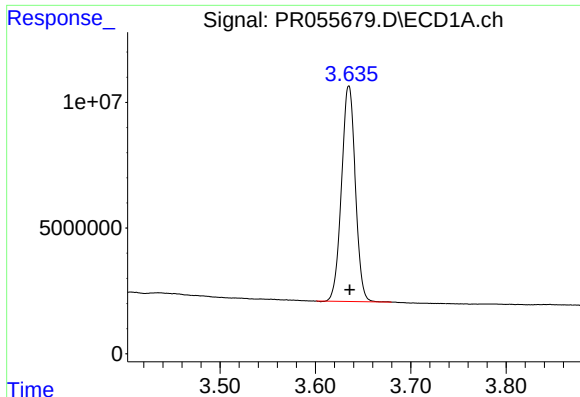
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

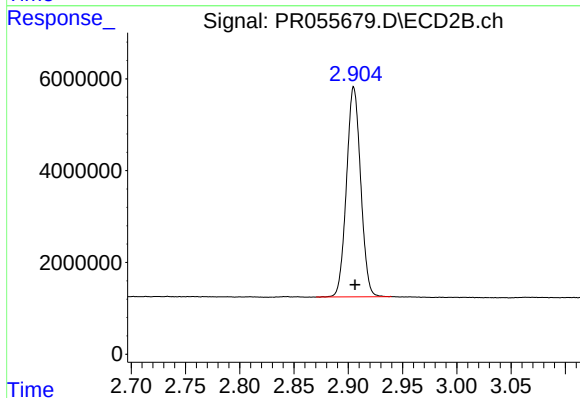




#1 Tetrachloro-m-xylene

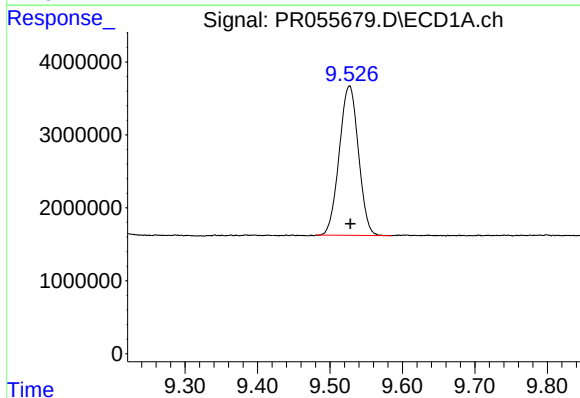
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 86199819
Conc: 20.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



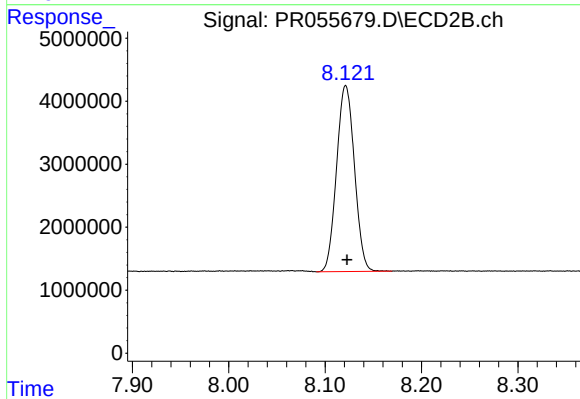
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 41625498
Conc: 20.73 ng/ml



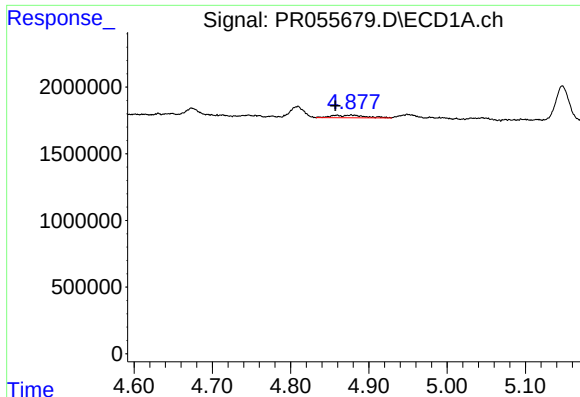
#2 Decachlorobiphenyl

R.T.: 9.527 min
Delta R.T.: -0.002 min
Response: 37651435
Conc: 21.18 ng/ml



#2 Decachlorobiphenyl

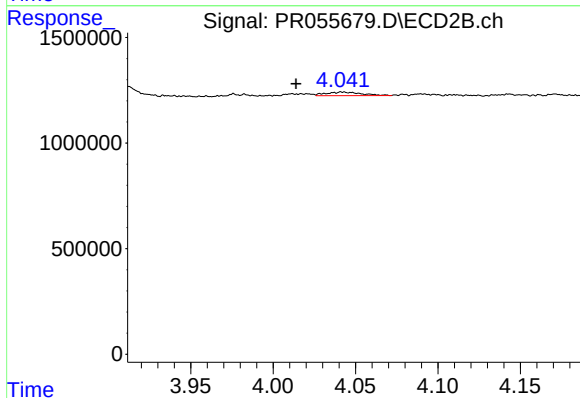
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 37989321
Conc: 20.88 ng/ml



#3 AR-1016-1

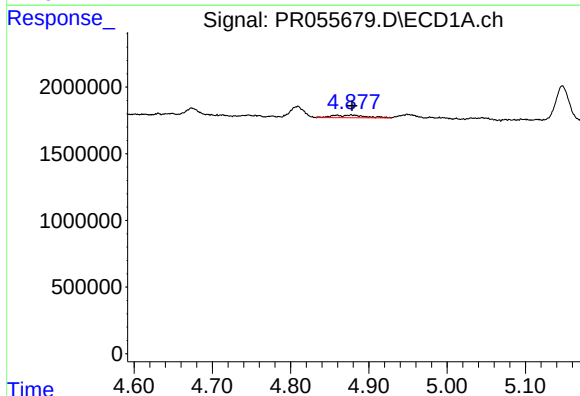
R.T.: 4.878 min
Delta R.T.: 0.021 min
Response: 566641
Conc: 4.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



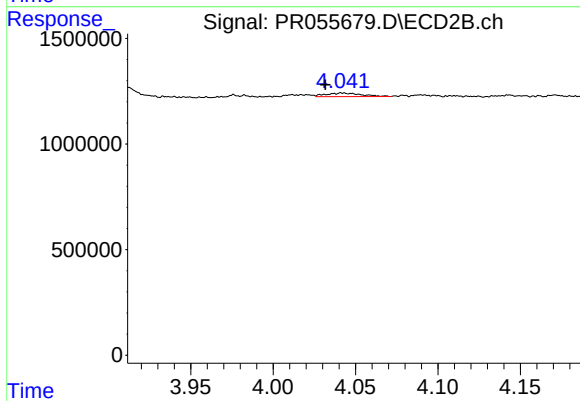
#3 AR-1016-1

R.T.: 4.042 min
Delta R.T.: 0.028 min
Response: 253640
Conc: 3.92 ng/ml



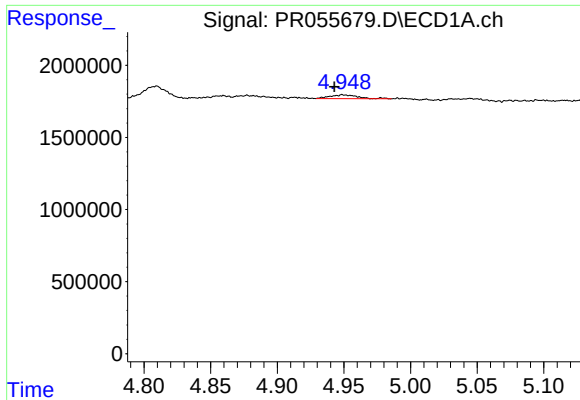
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 566641
Conc: 3.45 ng/ml



#4 AR-1016-2

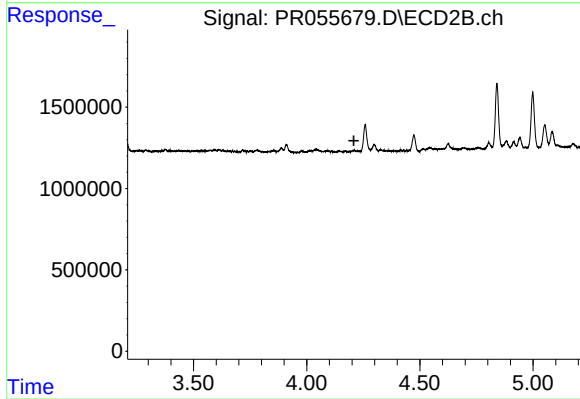
R.T.: 4.042 min
Delta R.T.: 0.010 min
Response: 253640
Conc: 2.78 ng/ml



#5 AR-1016-3

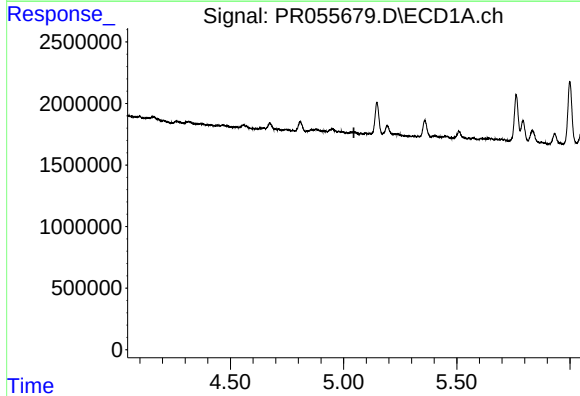
R.T.: 4.950 min
Delta R.T.: 0.007 min
Response: 323419
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



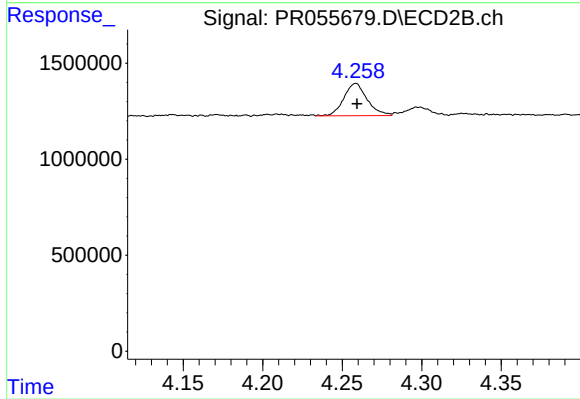
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.208 min
Response: 0
Conc: N.D.



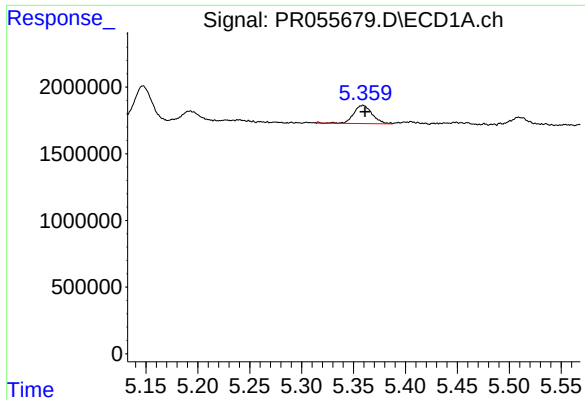
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



#6 AR-1016-4

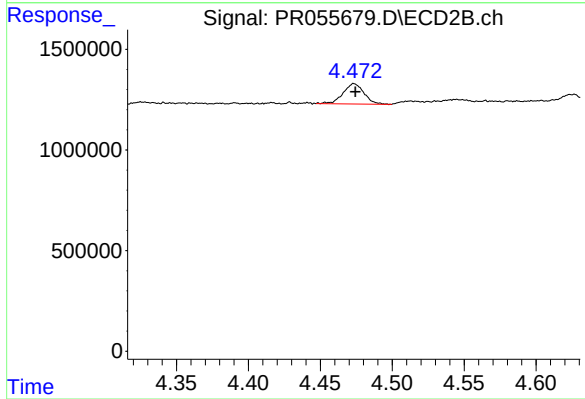
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1716899
Conc: 45.19 ng/ml



#7 AR-1016-5

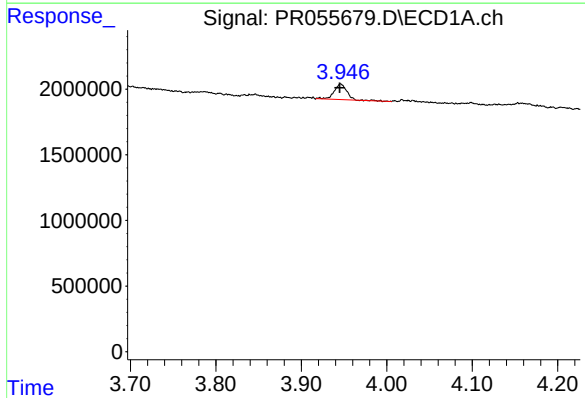
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 1698551
Conc: 23.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



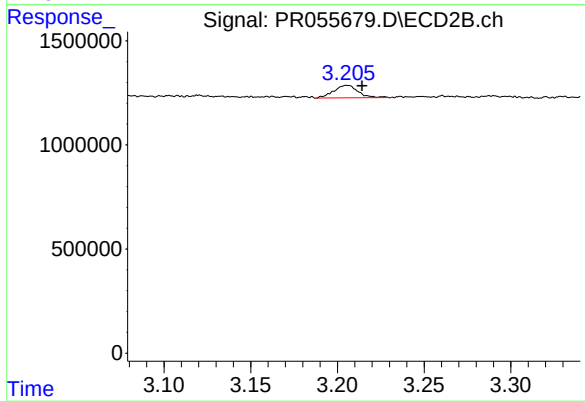
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1029273
Conc: 20.87 ng/ml



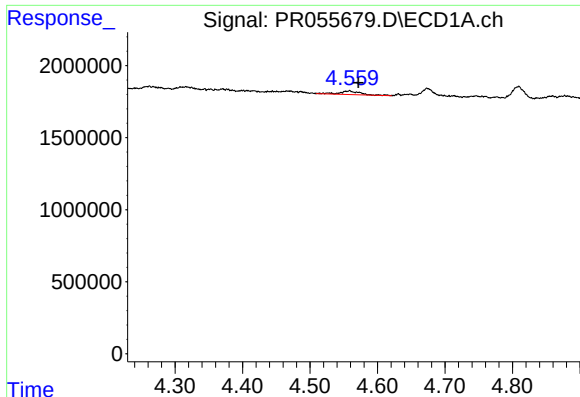
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 1229440
Conc: 33.94 ng/ml



#9 AR-1221-2

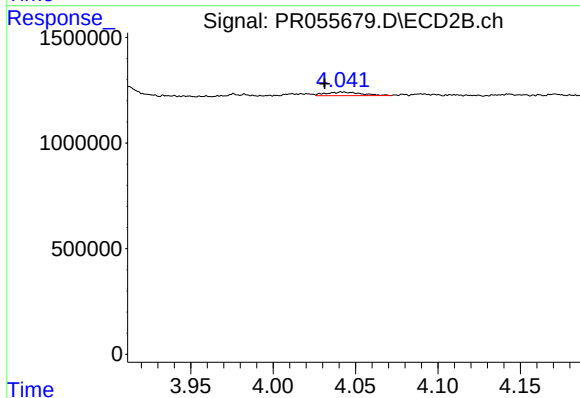
R.T.: 3.206 min
Delta R.T.: -0.009 min
Response: 591084
Conc: 34.47 ng/ml



#12 AR-1232-2

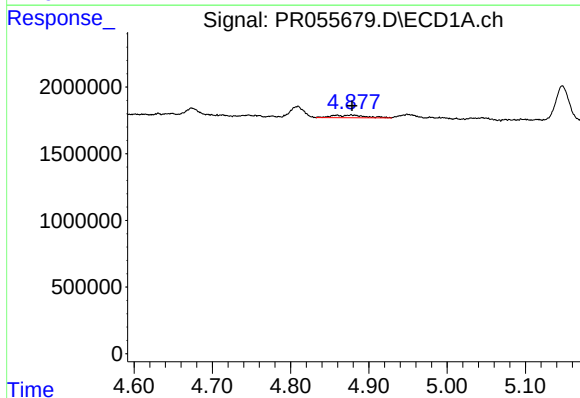
R.T.: 4.558 min
Delta R.T.: -0.014 min
Response: 522544
Conc: 12.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



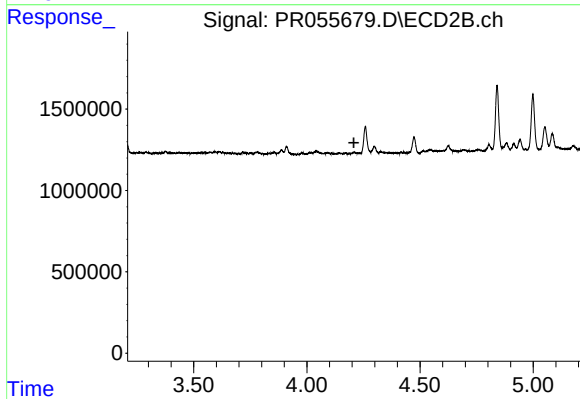
#12 AR-1232-2

R.T.: 4.042 min
Delta R.T.: 0.011 min
Response: 253640
Conc: 6.31 ng/ml



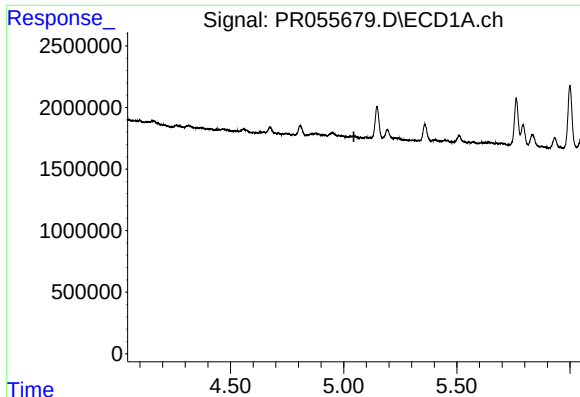
#13 AR-1232-3

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 566641
Conc: 7.74 ng/ml



#13 AR-1232-3

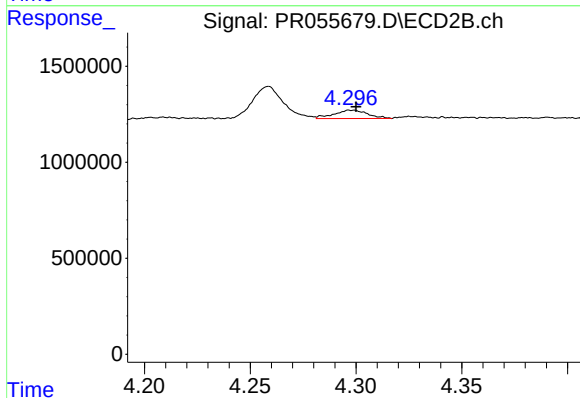
R.T.: 0.000 min
Exp R.T. : 4.208 min
Response: 0
Conc: N.D.



#14 AR-1232-4

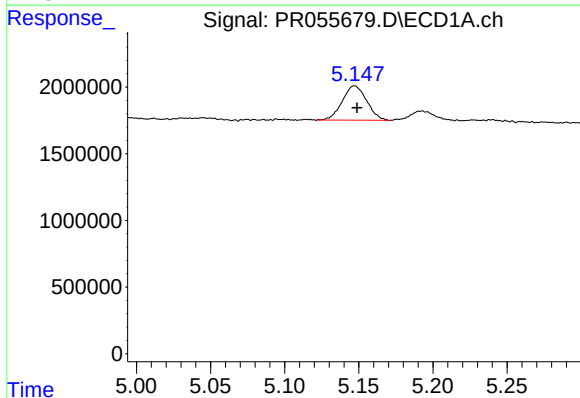
R.T.: 0.000 min
Exp R.T.: 5.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



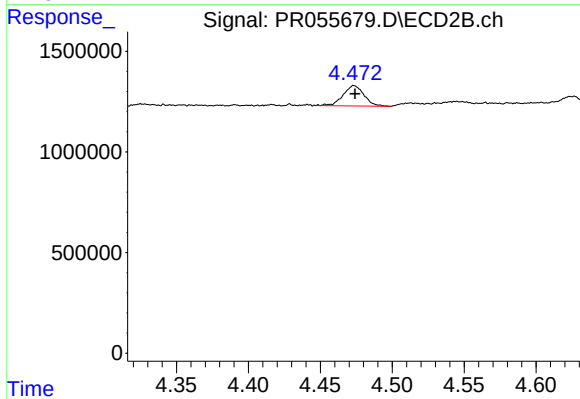
#14 AR-1232-4

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 488931
Conc: 26.63 ng/ml



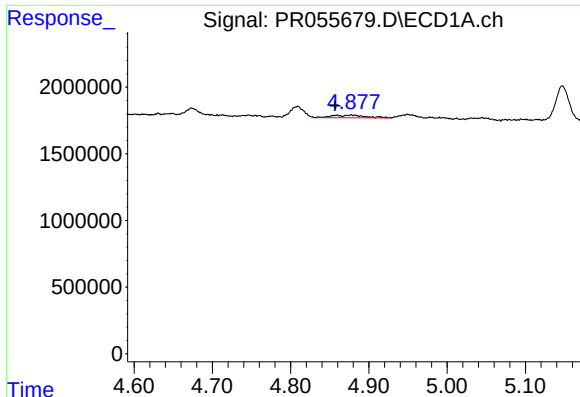
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 2955926
Conc: 118.48 ng/ml



#15 AR-1232-5

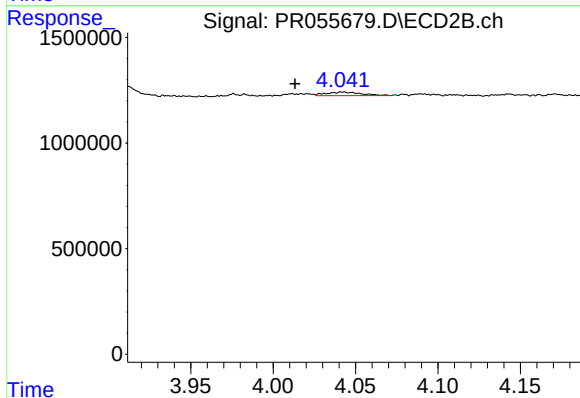
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1029273
Conc: 49.78 ng/ml



#16 AR-1242-1

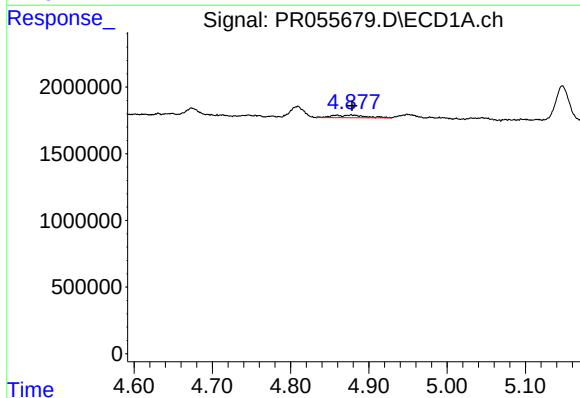
R.T.: 4.878 min
Delta R.T.: 0.021 min
Response: 566641
Conc: 6.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



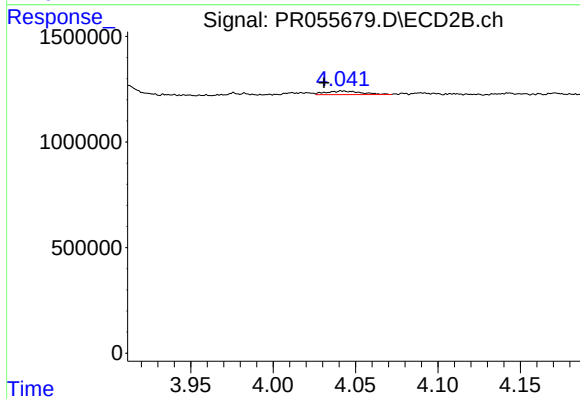
#16 AR-1242-1

R.T.: 4.042 min
Delta R.T.: 0.029 min
Response: 253640
Conc: 4.73 ng/ml



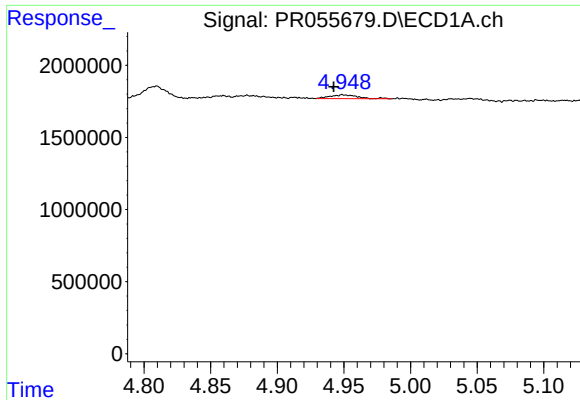
#17 AR-1242-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 566641
Conc: 4.18 ng/ml



#17 AR-1242-2

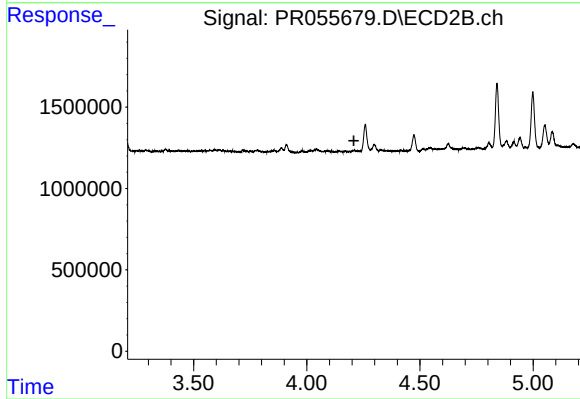
R.T.: 4.042 min
Delta R.T.: 0.011 min
Response: 253640
Conc: 3.39 ng/ml



#18 AR-1242-3

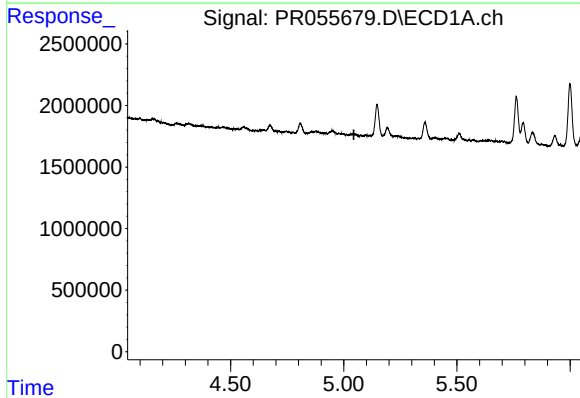
R.T.: 4.950 min
Delta R.T.: 0.007 min
Response: 323419
Conc: 4.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



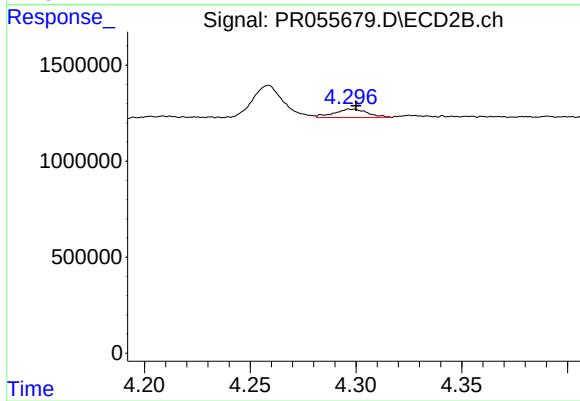
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.208 min
Response: 0
Conc: N.D.



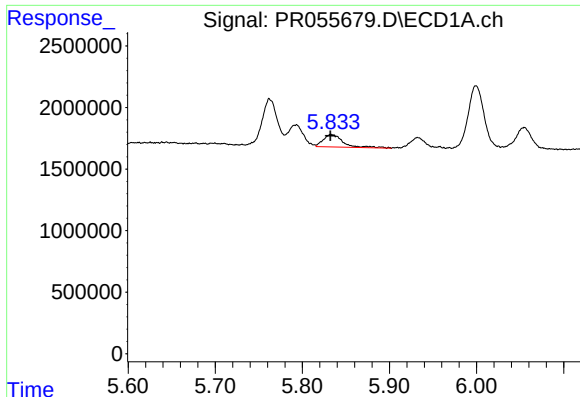
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.045 min
Response: 0
Conc: N.D.



#19 AR-1242-4

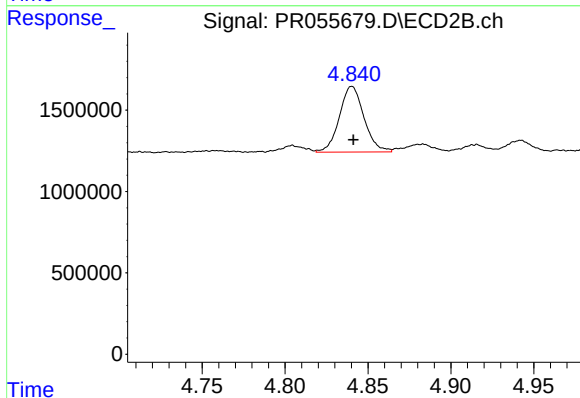
R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 488931
Conc: 12.99 ng/ml



#20 AR-1242-5

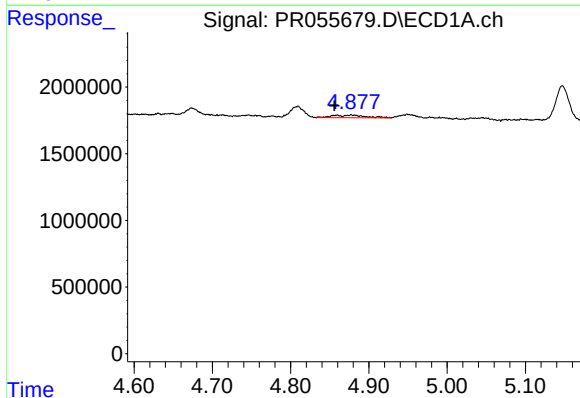
R.T.: 5.834 min
Delta R.T.: 0.001 min
Response: 1602862
Conc: 27.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



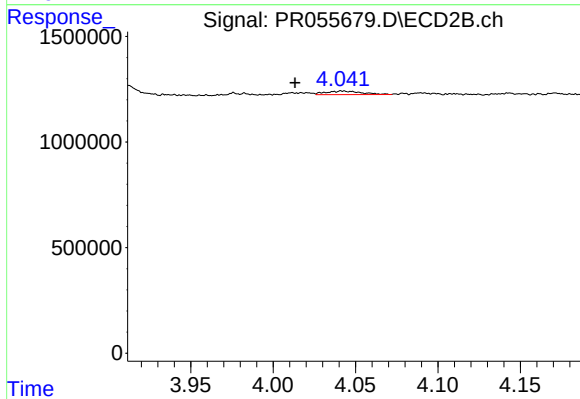
#20 AR-1242-5

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 4163805
Conc: 84.11 ng/ml



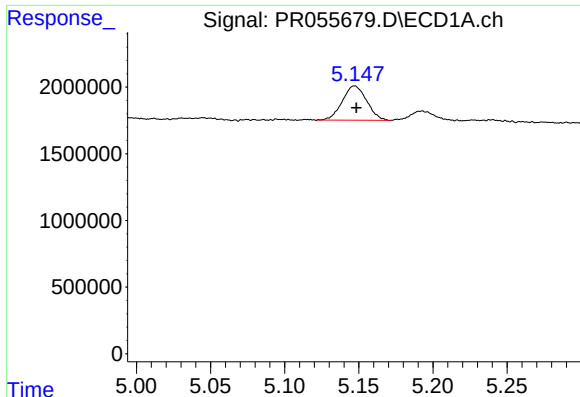
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.022 min
Response: 566641
Conc: 7.79 ng/ml



#21 AR-1248-1

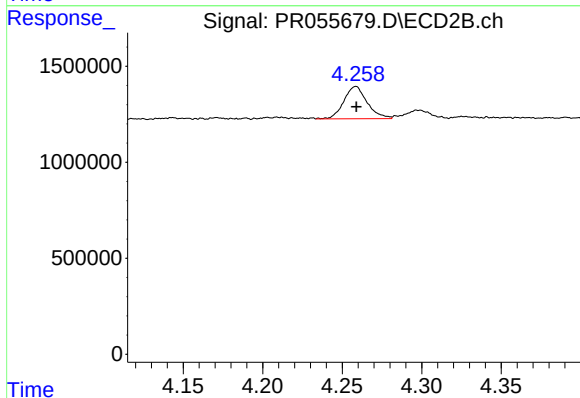
R.T.: 4.042 min
Delta R.T.: 0.029 min
Response: 253640
Conc: 6.23 ng/ml



#22 AR-1248-2

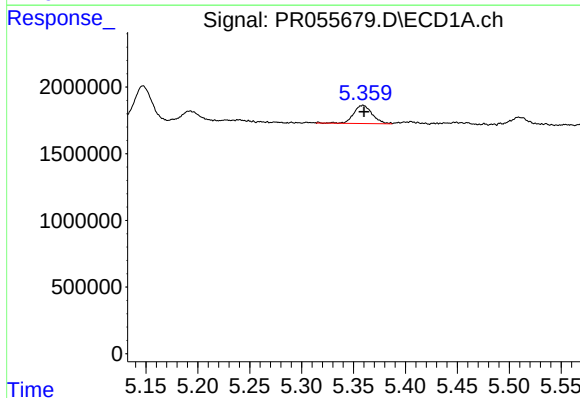
R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 2955926
Conc: 33.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



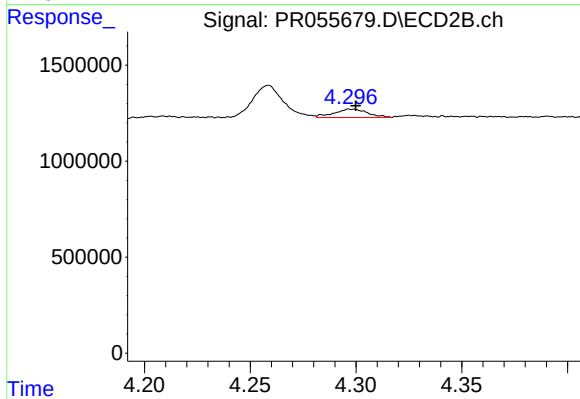
#22 AR-1248-2

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1716899
Conc: 31.02 ng/ml



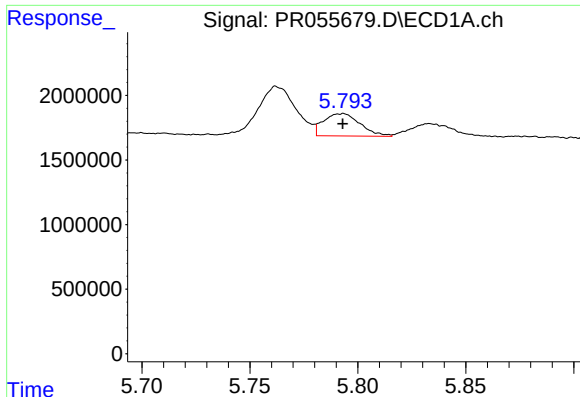
#23 AR-1248-3

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 1698551
Conc: 17.07 ng/ml



#23 AR-1248-3

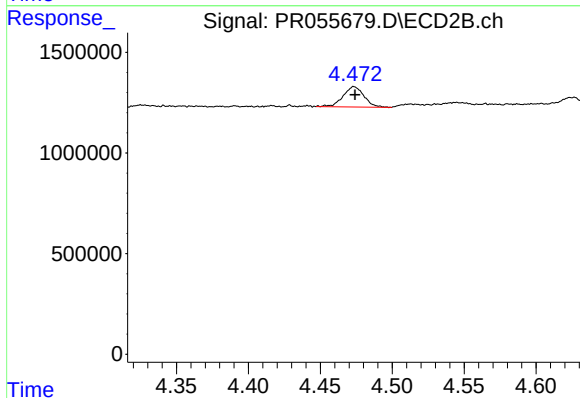
R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 488931
Conc: 8.69 ng/ml



#24 AR-1248-4

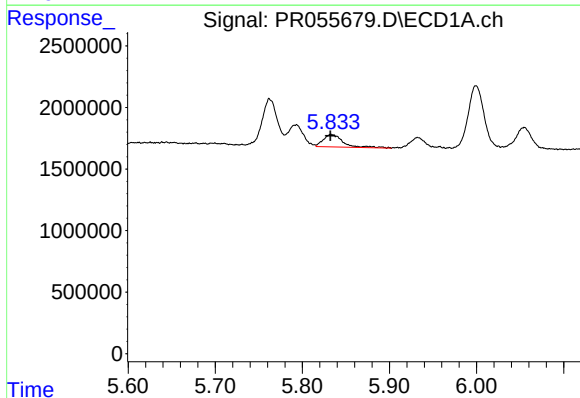
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2050375
Conc: 20.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



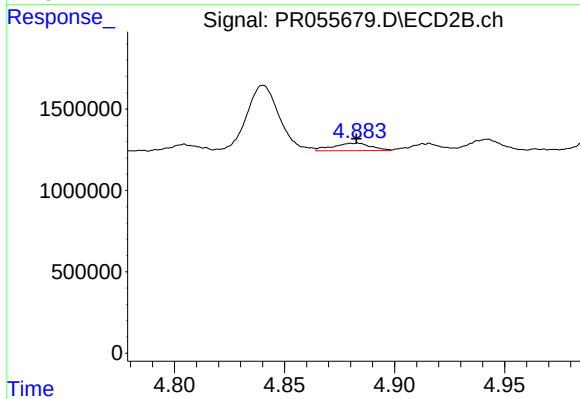
#24 AR-1248-4

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1029273
Conc: 15.17 ng/ml



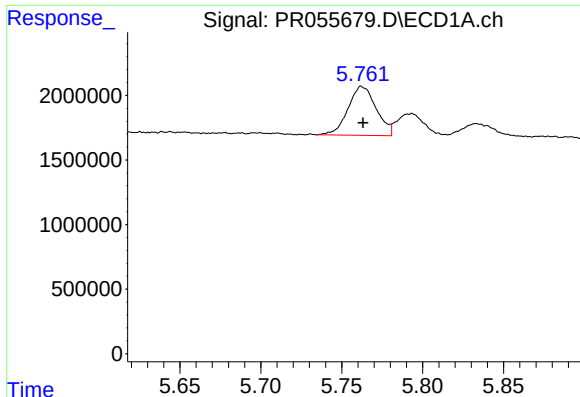
#25 AR-1248-5

R.T.: 5.834 min
Delta R.T.: 0.001 min
Response: 1602862
Conc: 16.42 ng/ml



#25 AR-1248-5

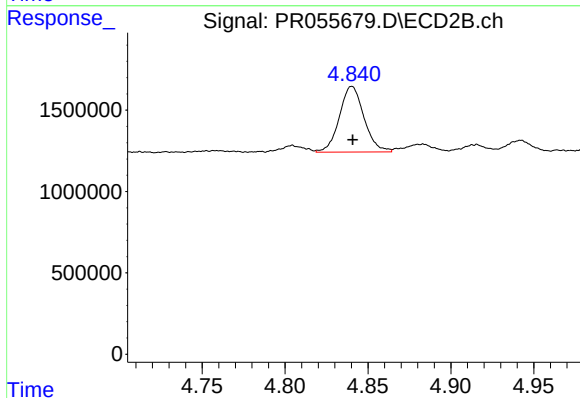
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 562276
Conc: 7.88 ng/ml



#26 AR-1254-1

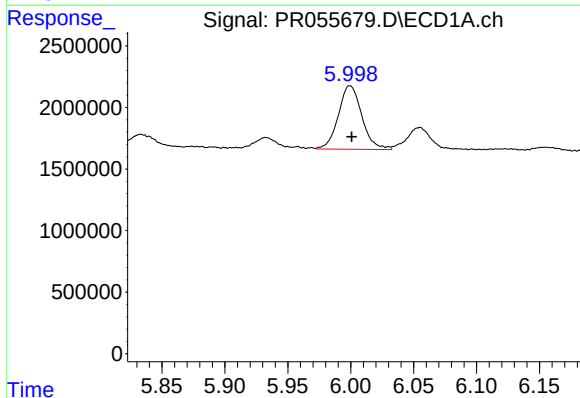
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 4597688
Conc: 44.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



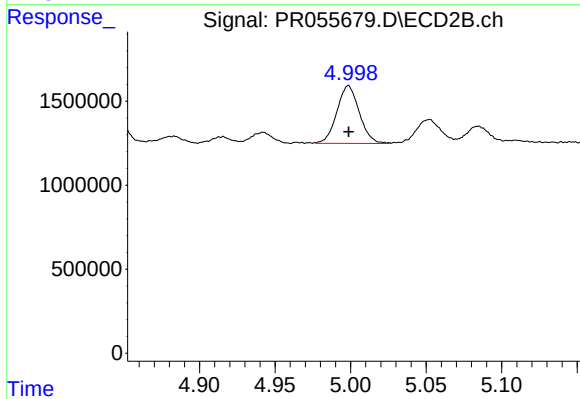
#26 AR-1254-1

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 4163805
Conc: 38.11 ng/ml



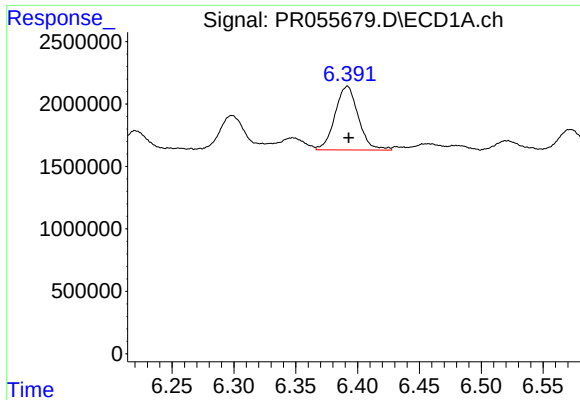
#27 AR-1254-2

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 6698637
Conc: 45.57 ng/ml



#27 AR-1254-2

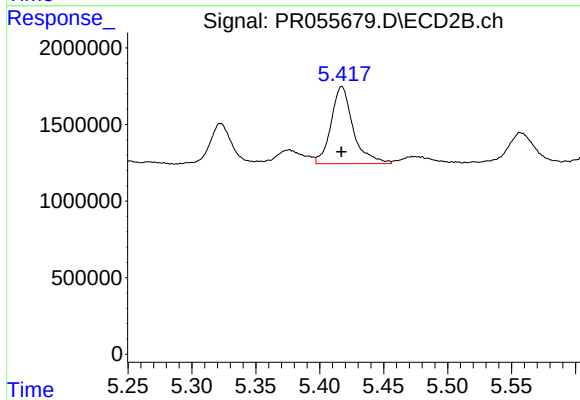
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 3540036
Conc: 36.56 ng/ml



#28 AR-1254-3

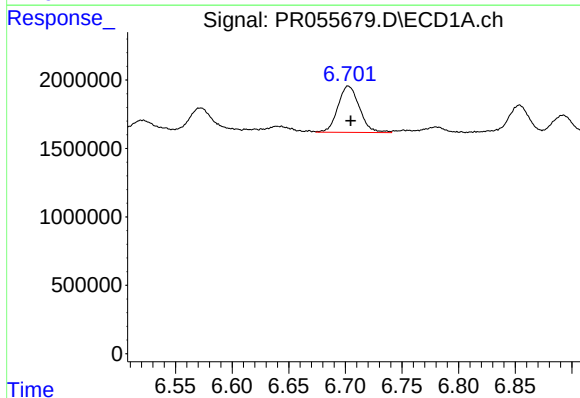
R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 6693341
Conc: 45.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



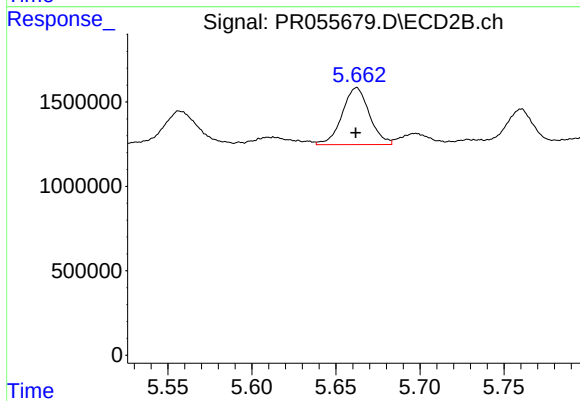
#28 AR-1254-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 6072985
Conc: 39.87 ng/ml



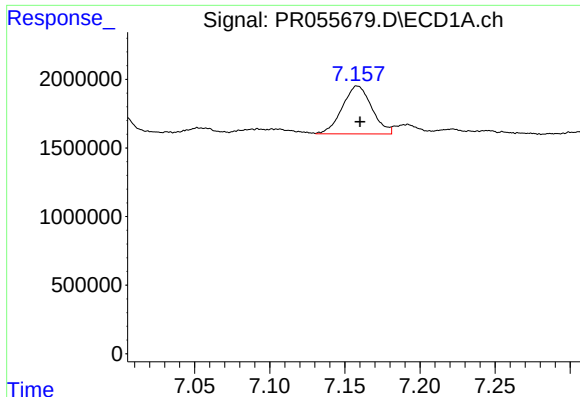
#29 AR-1254-4

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 4461356
Conc: 43.03 ng/ml



#29 AR-1254-4

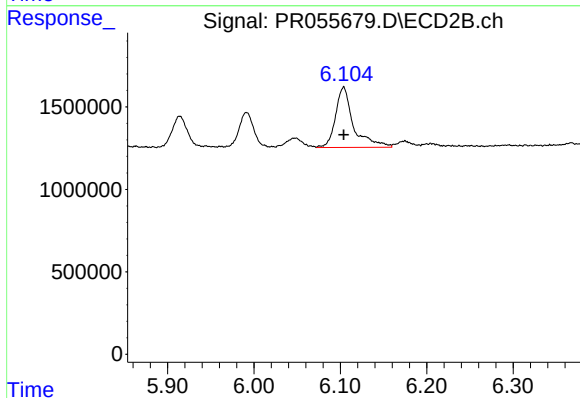
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 3807453
Conc: 38.64 ng/ml



#30 AR-1254-5

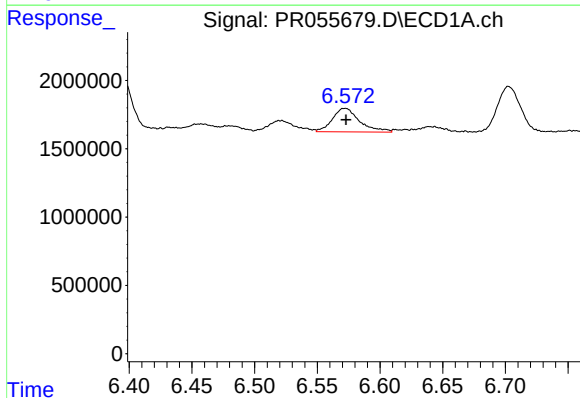
R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 4787113
Conc: 44.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



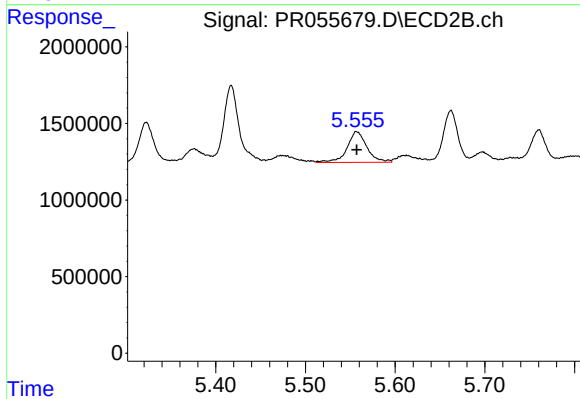
#30 AR-1254-5

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 5268361
Conc: 38.88 ng/ml



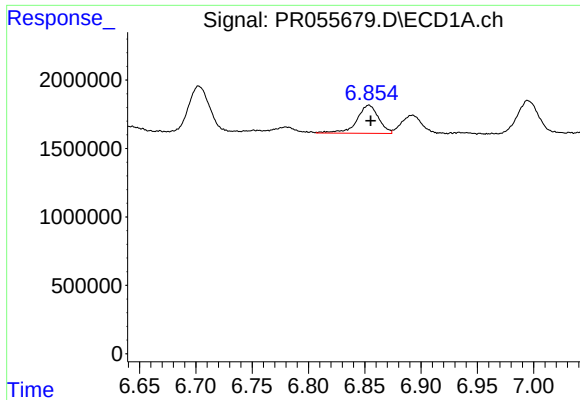
#31 AR-1260-1

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 2603239
Conc: 24.05 ng/ml



#31 AR-1260-1

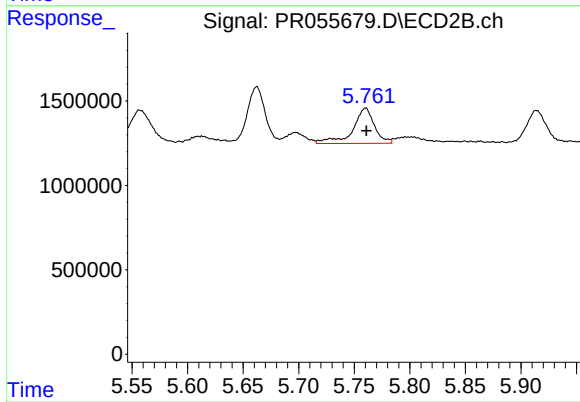
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 3091894
Conc: 30.69 ng/ml



#32 AR-1260-2

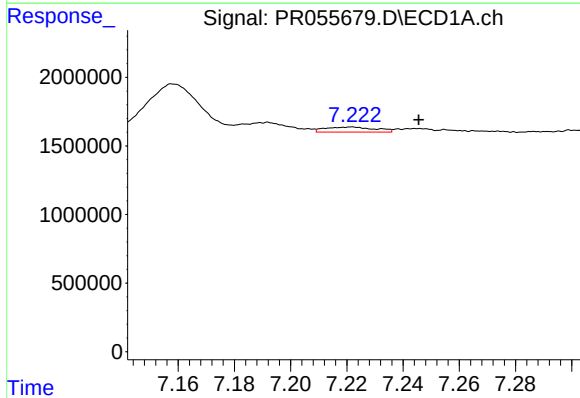
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2761195
Conc: 22.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



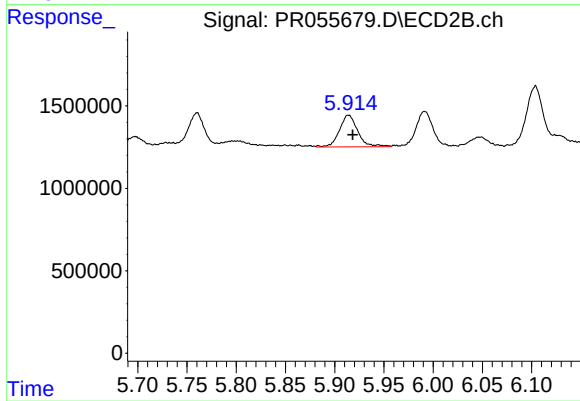
#32 AR-1260-2

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 2834836
Conc: 23.19 ng/ml



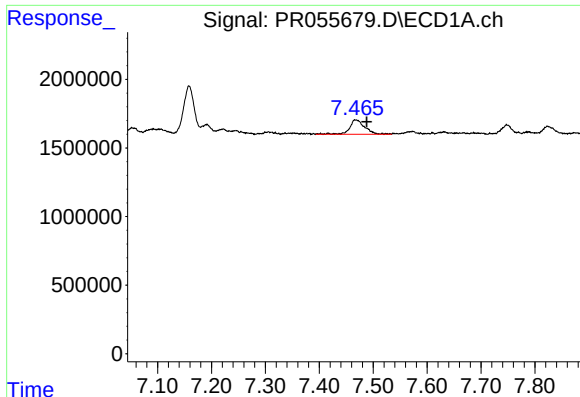
#33 AR-1260-3

R.T.: 7.221 min
Delta R.T.: -0.025 min
Response: 457554
Conc: 5.07 ng/ml



#33 AR-1260-3

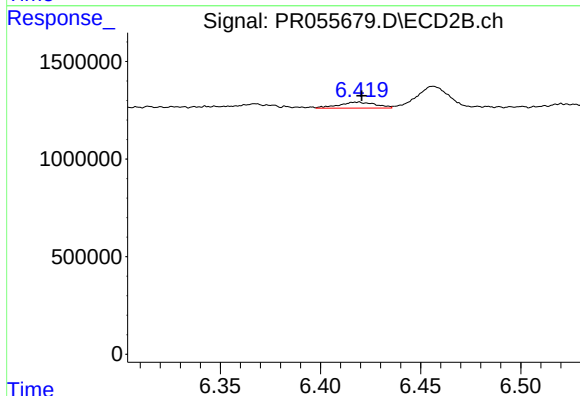
R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 2501829
Conc: 22.12 ng/ml



#34 AR-1260-4

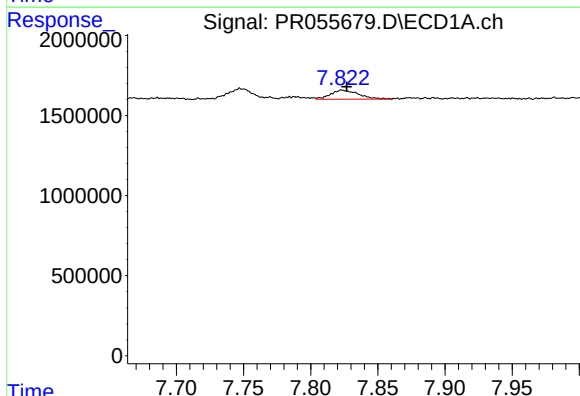
R.T.: 7.468 min
Delta R.T.: -0.020 min
Response: 2024561
Conc: 19.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



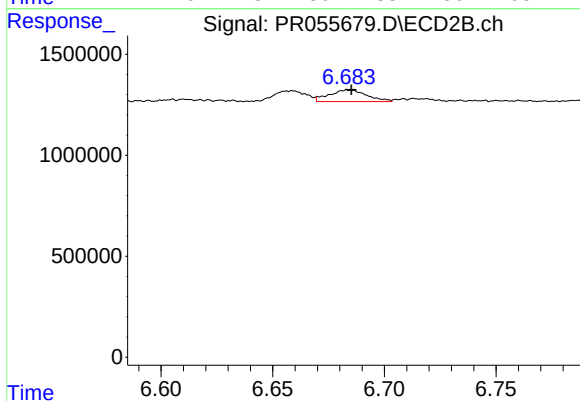
#34 AR-1260-4

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 390913
Conc: 4.08 ng/ml



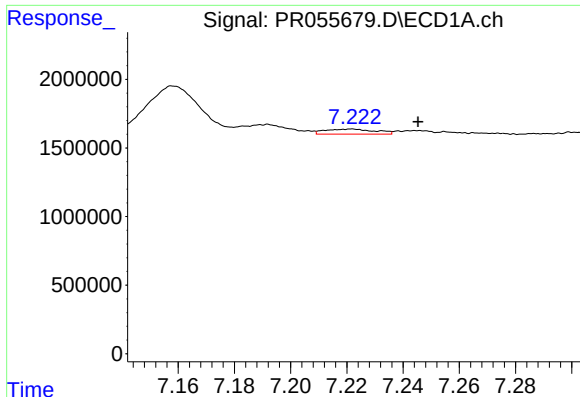
#35 AR-1260-5

R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 832764
Conc: 4.28 ng/ml



#35 AR-1260-5

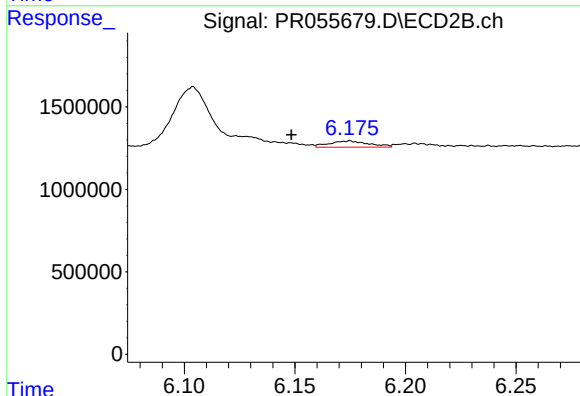
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 683546
Conc: 3.04 ng/ml



#36 AR-1262-1

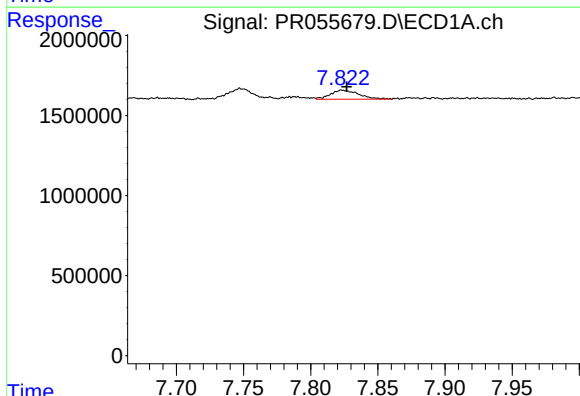
R.T.: 7.221 min
Delta R.T.: -0.024 min
Response: 457554
Conc: 3.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



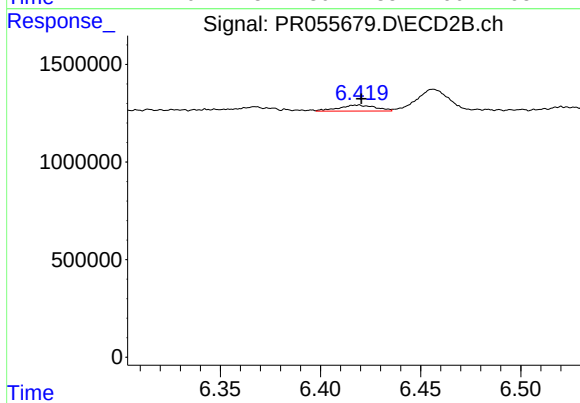
#36 AR-1262-1

R.T.: 6.175 min
Delta R.T.: 0.026 min
Response: 470848
Conc: 3.50 ng/ml



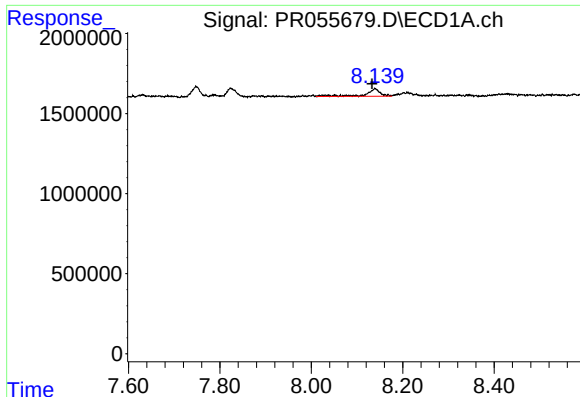
#37 AR-1262-2

R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 832764
Conc: 3.90 ng/ml



#37 AR-1262-2

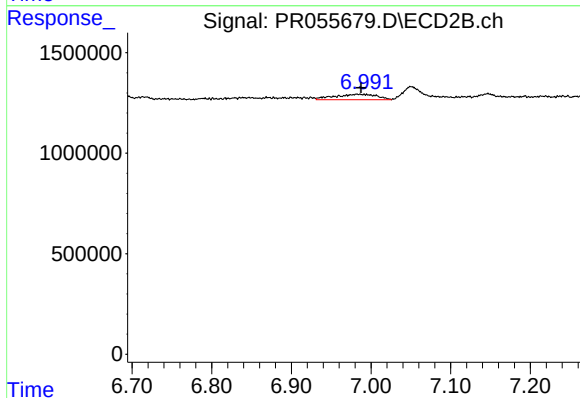
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 390913
Conc: 3.20 ng/ml



#38 AR-1262-3

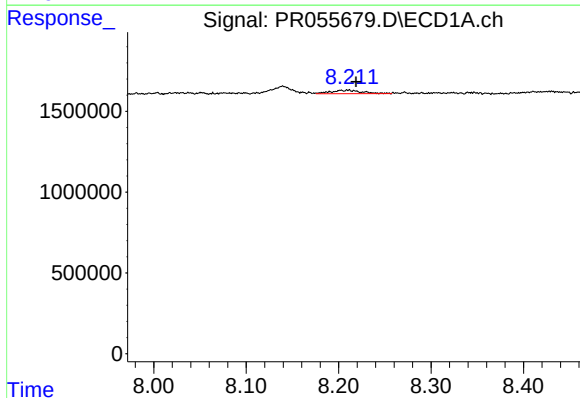
R.T.: 8.140 min
Delta R.T.: 0.007 min
Response: 1032305
Conc: 7.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



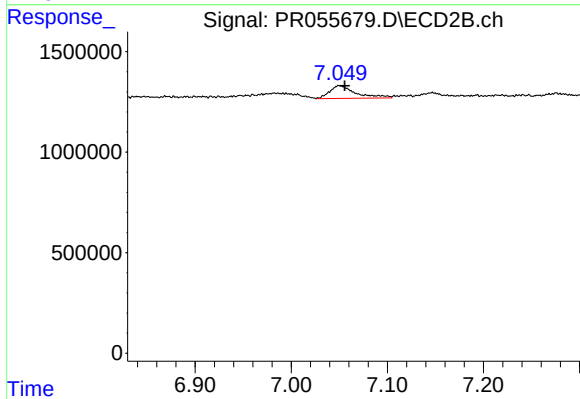
#38 AR-1262-3

R.T.: 6.982 min
Delta R.T.: -0.005 min
Response: 1010861
Conc: 10.50 ng/ml



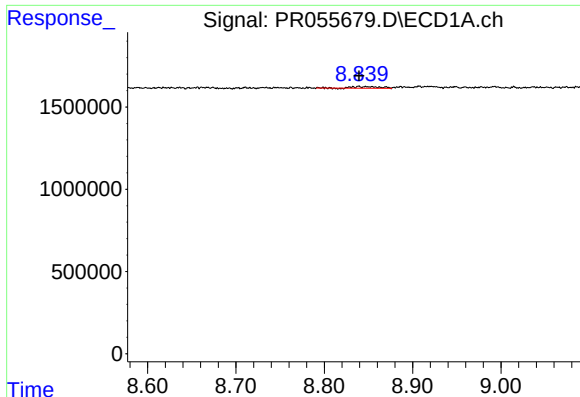
#39 AR-1262-4

R.T.: 8.210 min
Delta R.T.: -0.009 min
Response: 484006
Conc: 7.70 ng/ml



#39 AR-1262-4

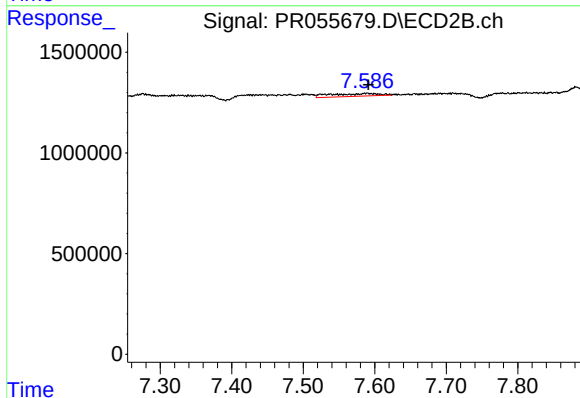
R.T.: 7.050 min
Delta R.T.: -0.005 min
Response: 1207959
Conc: 6.64 ng/ml



#40 AR-1262-5

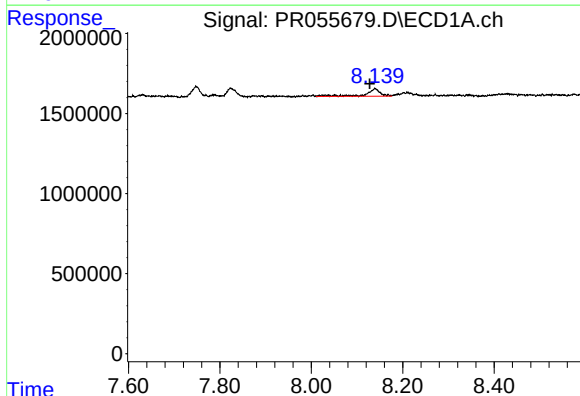
R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 203993
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



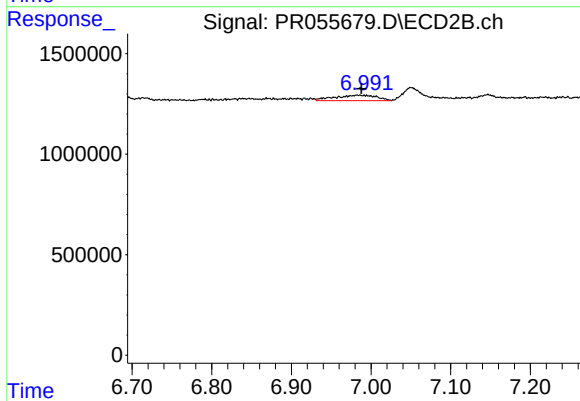
#40 AR-1262-5

R.T.: 7.586 min
Delta R.T.: -0.005 min
Response: 664026
Conc: 7.75 ng/ml



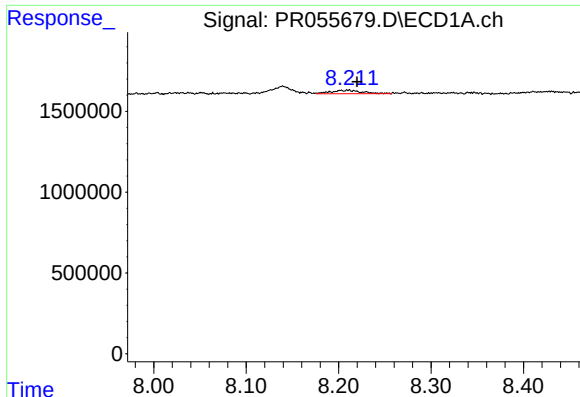
#41 AR-1268-1

R.T.: 8.140 min
Delta R.T.: 0.011 min
Response: 1032305
Conc: 4.14 ng/ml



#41 AR-1268-1

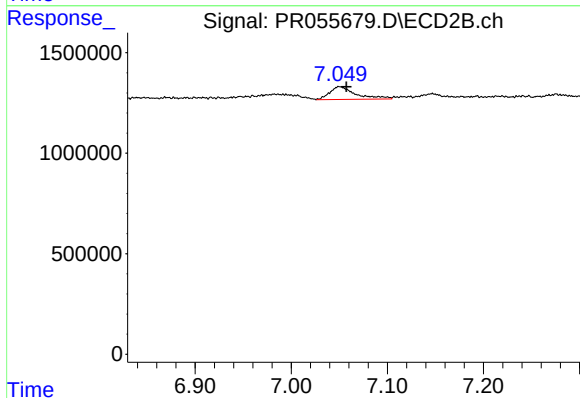
R.T.: 6.982 min
Delta R.T.: -0.005 min
Response: 1010861
Conc: 3.59 ng/ml



#42 AR-1268-2

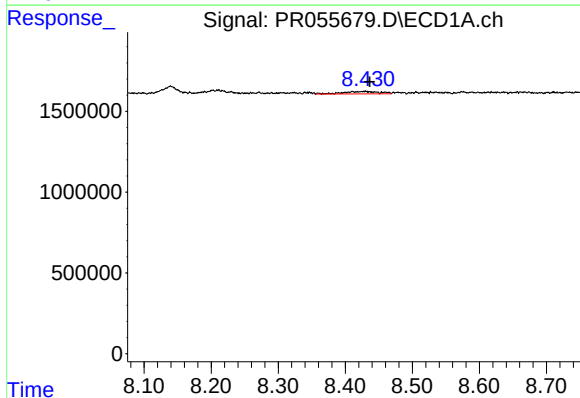
R.T.: 8.210 min
Delta R.T.: -0.010 min
Response: 484006
Conc: 2.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



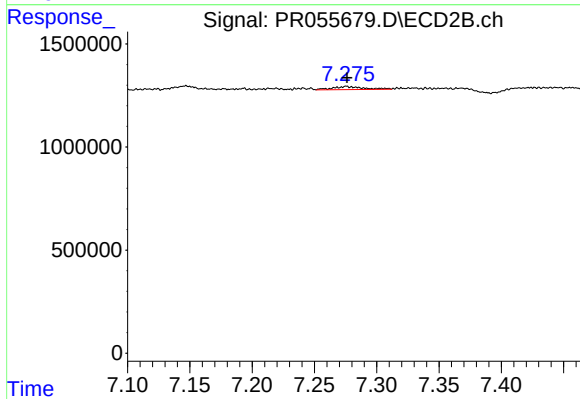
#42 AR-1268-2

R.T.: 7.050 min
Delta R.T.: -0.007 min
Response: 1207959
Conc: 4.72 ng/ml



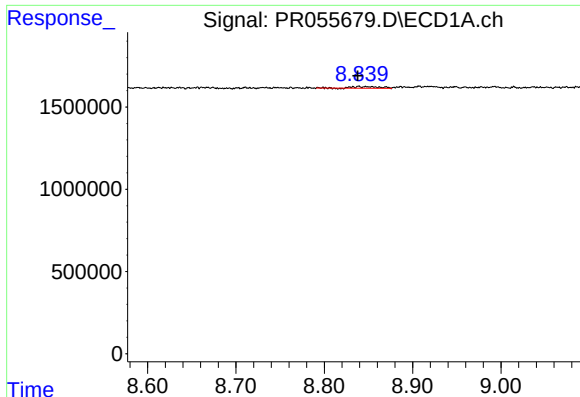
#43 AR-1268-3

R.T.: 8.412 min
Delta R.T.: -0.025 min
Response: 581773
Conc: 3.02 ng/ml



#43 AR-1268-3

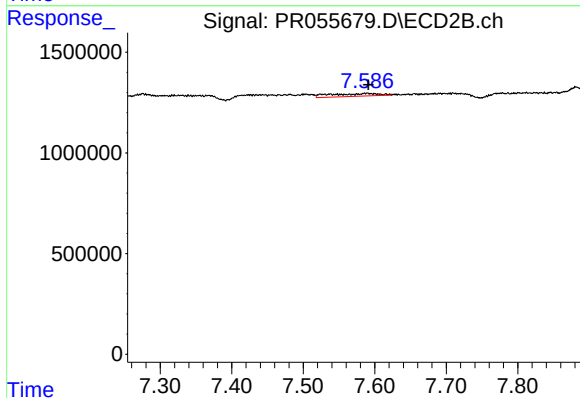
R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 251896
Conc: 1.17 ng/ml



#44 AR-1268-4

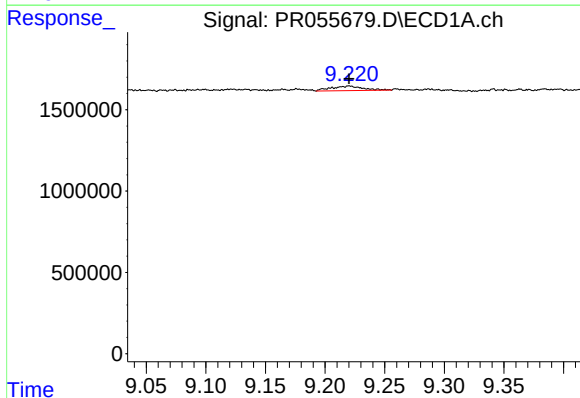
R.T.: 8.839 min
Delta R.T.: 0.001 min
Response: 203993
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



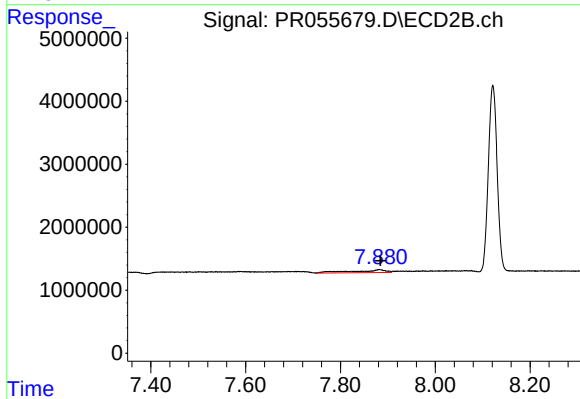
#44 AR-1268-4

R.T.: 7.586 min
Delta R.T.: -0.005 min
Response: 664026
Conc: 6.99 ng/ml



#45 AR-1268-5

R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 508127
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 2209497
Conc: 3.24 ng/ml