

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 21:34
 Operator : AJ\MA
 Sample : N3980-07
 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: Aug 06 03:56:12 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	85234126	40644698	19.975	20.243
2)	SA Decachlor...	9.528	8.123	37179782	37443459	20.910	20.584
Target Compounds							
3)	L1 AR-1016-1	4.856	4.031f	2069477	2709049	17.872	41.831 #
4)	L1 AR-1016-2	4.878	4.031	2979769	2709049	18.157	29.661 #
5)	L1 AR-1016-3	4.943	4.208	1707955	877085	17.270	17.201
6)	L1 AR-1016-4	5.044	4.259	1617356	614100	20.418	16.164
7)	L1 AR-1016-5	5.360	4.474	1412537	792816	19.536	16.072
8)	L2 AR-1221-1	3.855	3.129	1957439	633679	39.608	27.767 #
9)	L2 AR-1221-2	3.946	3.209	2064280	1068519	56.979	62.319
10)	L2 AR-1221-3	4.023	3.290	3784813	1943262	35.942	37.115
11)	L3 AR-1232-1	4.023	3.290	3784813	1943262	43.638	45.041
12)	L3 AR-1232-2	4.571	4.031	1974958	2709049	46.015	67.384 #
13)	L3 AR-1232-3	4.878	4.208	2979769	877085	40.718	40.615
14)	L3 AR-1232-4	5.044	4.300	1617356	699154	46.858	38.080
15)	L3 AR-1232-5	5.148	4.474	1376614	792816	55.176	38.342 #
16)	L4 AR-1242-1	4.856	4.031f	2069477	2709049	22.003	50.516 #
17)	L4 AR-1242-2	4.878	4.031	2979769	2709049	21.996	36.220 #
18)	L4 AR-1242-3	4.943	4.208	1707955	877085	21.438	21.607
19)	L4 AR-1242-4	5.044	4.300	1617356	699154	25.680	18.573 #
20)	L4 AR-1242-5	5.832	4.842	1975260	1345816	34.299	27.187
21)	L5 AR-1248-1	4.856	4.031f	2069477	2709049	28.468	66.568 #
22)	L5 AR-1248-2	5.148	4.259	1376614	614100	15.482	11.096 #
23)	L5 AR-1248-3	5.360	4.300	1412537	699154	14.195	12.432
24)	L5 AR-1248-4	5.793	4.474	1479757	792816	15.142	11.683
25)	L5 AR-1248-5	5.832	4.883	1975260	1465695	20.232	20.551
26)	L6 AR-1254-1	5.762	4.842	1582190	1345816	15.449	12.317
27)	L6 AR-1254-2	6.000	4.999	1355628	479814	9.222	4.955 #
28)	L6 AR-1254-3	6.389	5.418	585207	937509	3.994	6.155 #
29)	L6 AR-1254-4	6.704	5.664	294757	302422	2.843	3.069
30)	L6 AR-1254-5	7.159	6.102	383014	165011	3.532	1.218 #
31)	L7 AR-1260-1	6.569	5.559	201431	489708	1.861	4.860 #
33)	L7 AR-1260-3	0.000	5.914	0	286213	N.D.	2.531 #
34)	L7 AR-1260-4	7.497	0.000	487499	0	4.748	N.D. #
35)	L7 AR-1260-5	7.828	6.684	566546	246918	2.914	1.100 #
37)	L8 AR-1262-2	7.828	0.000	566546	0	2.654	N.D. #
38)	L8 AR-1262-3	8.132	6.986	394177	984472	2.673	10.228 #
39)	L8 AR-1262-4	8.209	7.056	532720	503021	8.477	2.765 #
40)	L8 AR-1262-5	0.000	7.590	0	1642333	N.D.	19.165 #
41)	L9 AR-1268-1	8.132	6.986	394177	984472	1.581	3.500 #
42)	L9 AR-1268-2	8.209	7.056	532720	503021	2.333	1.966
43)	L9 AR-1268-3	8.437	7.275	564910	816917	2.933	3.796 #

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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	0.000	7.590	0	1642333	N.D.	17.283 #
45) L9	AR-1268-5	9.220	7.883	913756	1597414	1.494	2.344 #

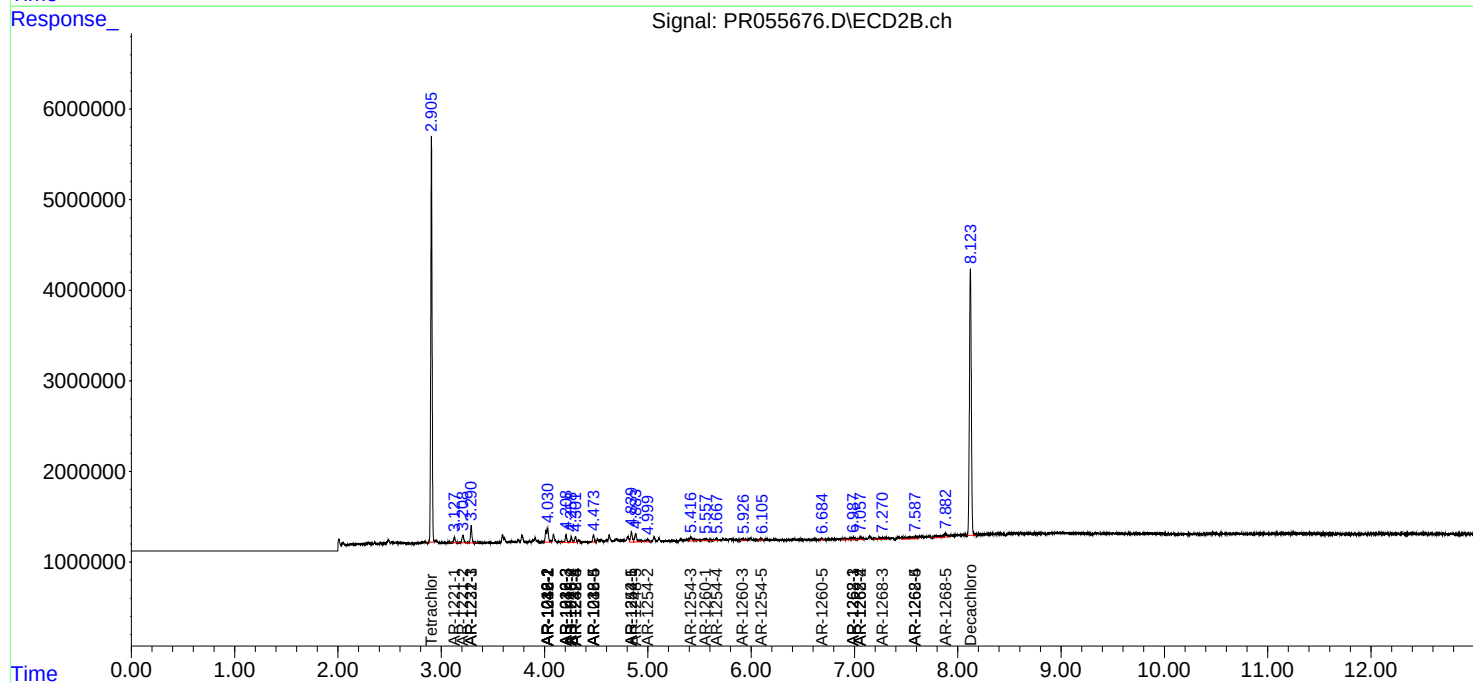
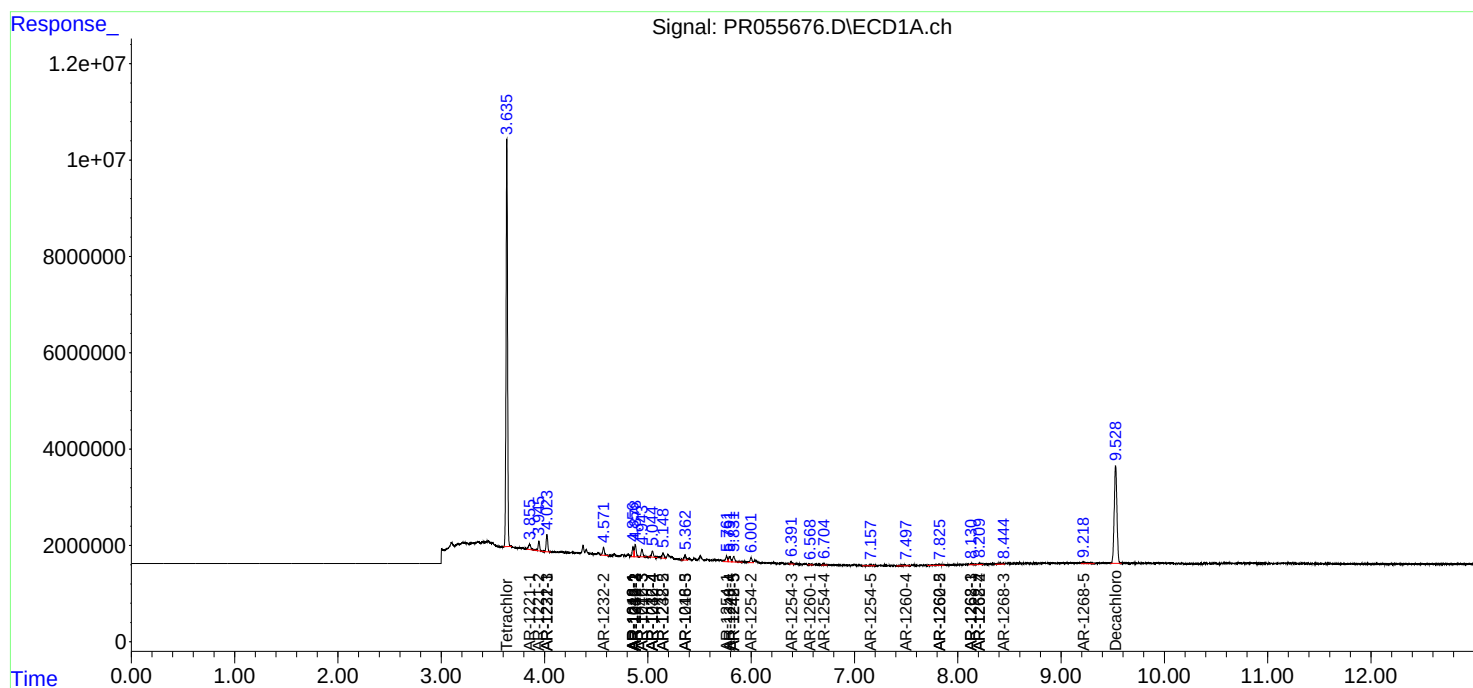
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

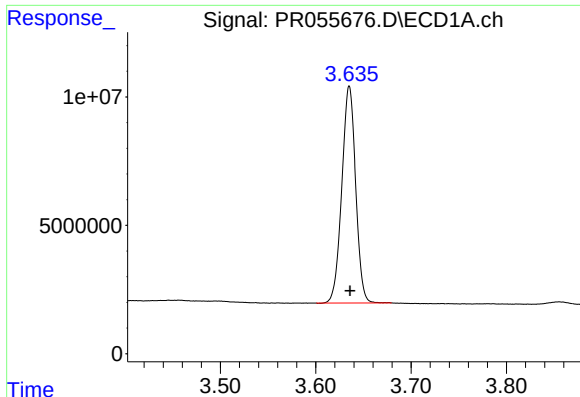
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

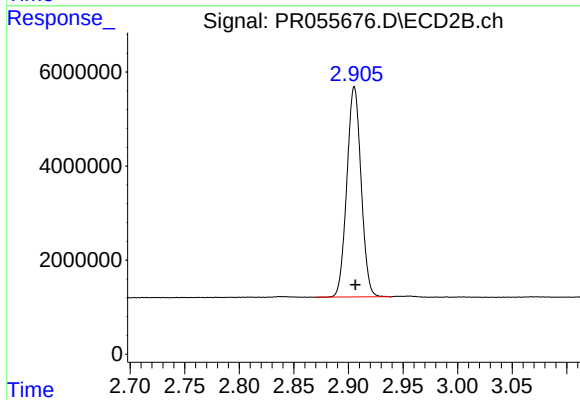




#1 Tetrachloro-m-xylene

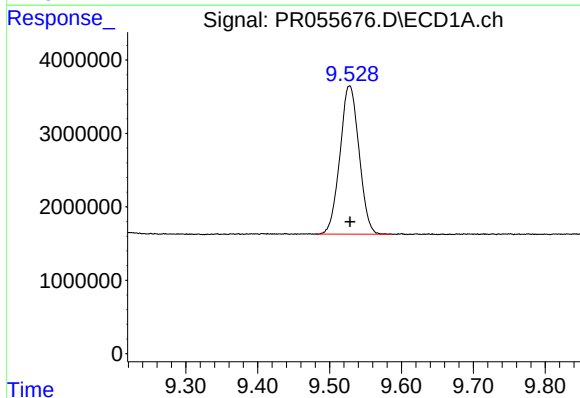
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 85234126
Conc: 19.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



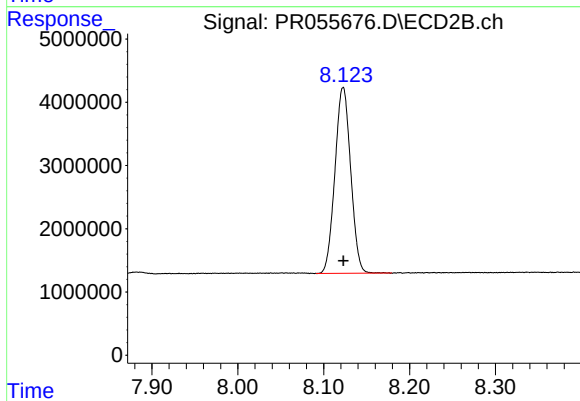
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 40644698
Conc: 20.24 ng/ml



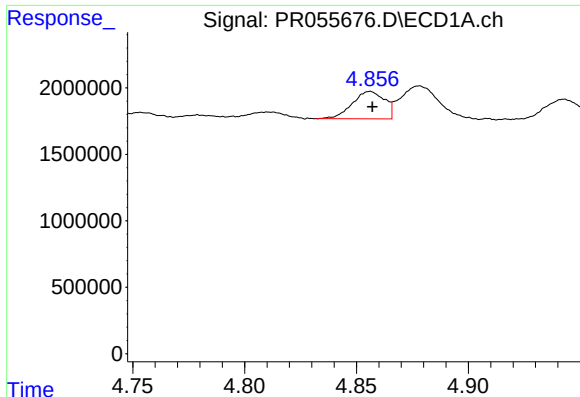
#2 Decachlorobiphenyl

R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 37179782
Conc: 20.91 ng/ml



#2 Decachlorobiphenyl

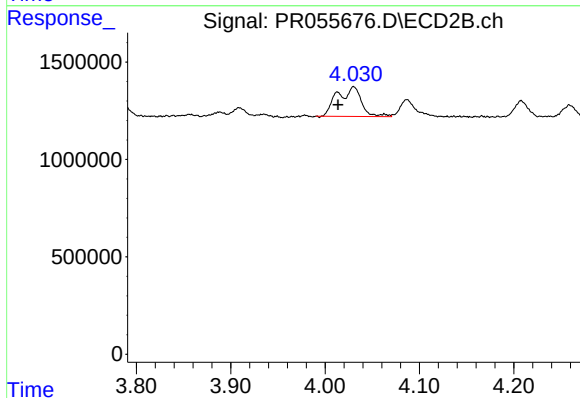
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 37443459
Conc: 20.58 ng/ml



#3 AR-1016-1

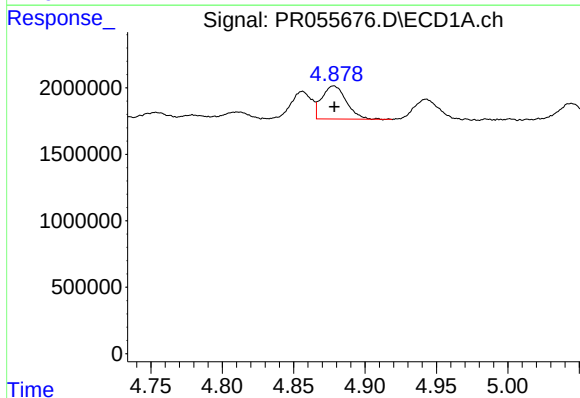
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2069477
Conc: 17.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



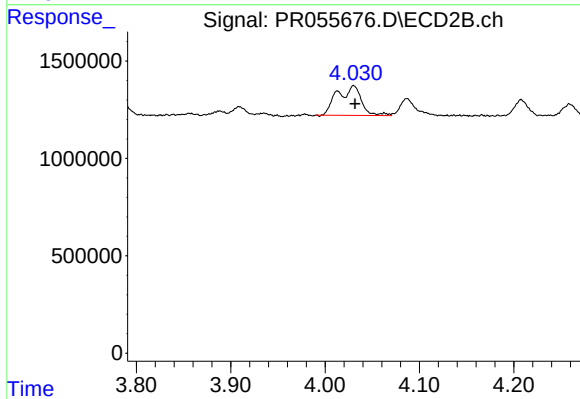
#3 AR-1016-1

R.T.: 4.031 min
Delta R.T.: 0.017 min
Response: 2709049
Conc: 41.83 ng/ml



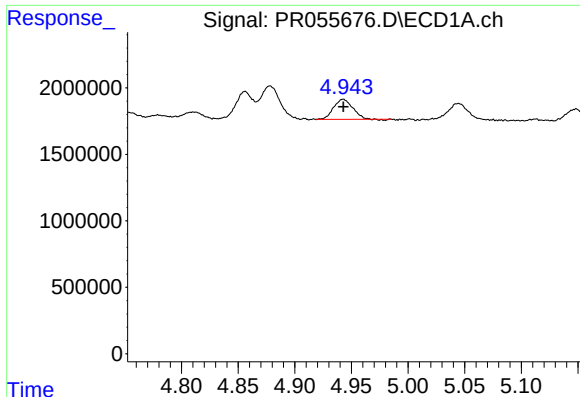
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 2979769
Conc: 18.16 ng/ml



#4 AR-1016-2

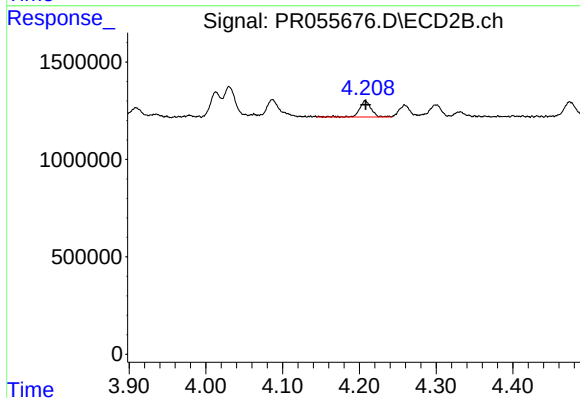
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 2709049
Conc: 29.66 ng/ml



#5 AR-1016-3

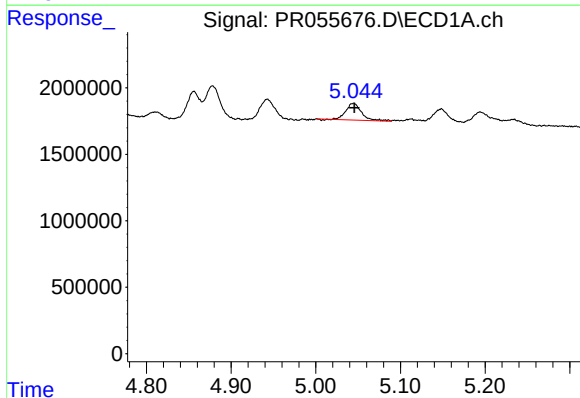
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 1707955
Conc: 17.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



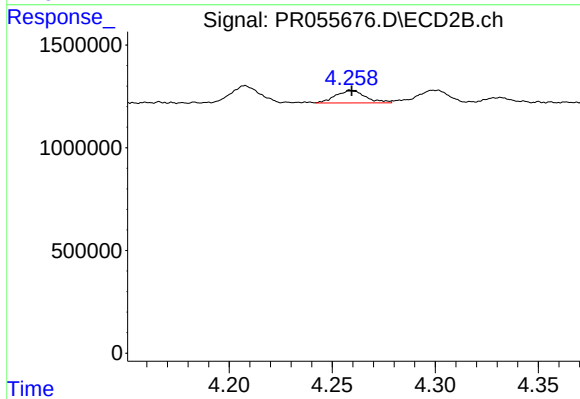
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 877085
Conc: 17.20 ng/ml



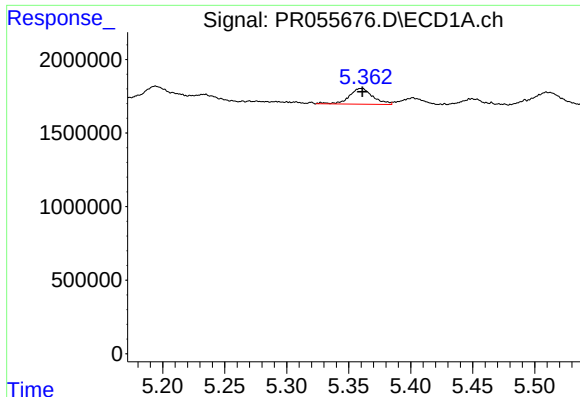
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 1617356
Conc: 20.42 ng/ml



#6 AR-1016-4

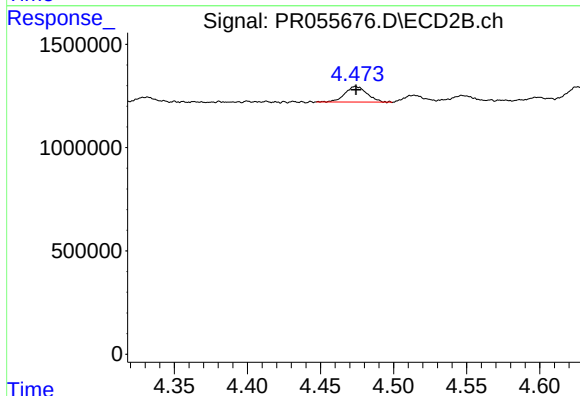
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 614100
Conc: 16.16 ng/ml



#7 AR-1016-5

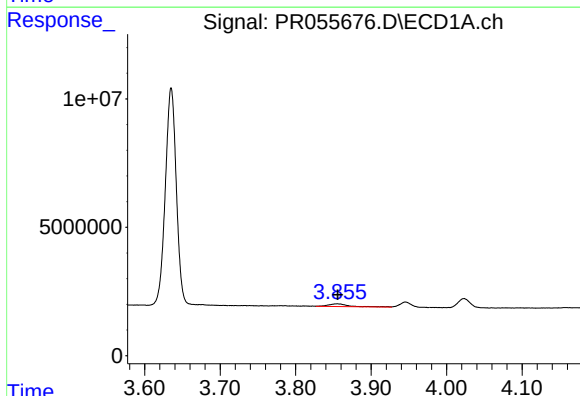
R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 1412537
Conc: 19.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



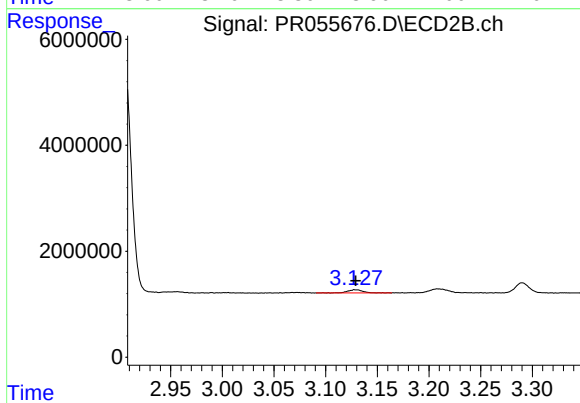
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 792816
Conc: 16.07 ng/ml



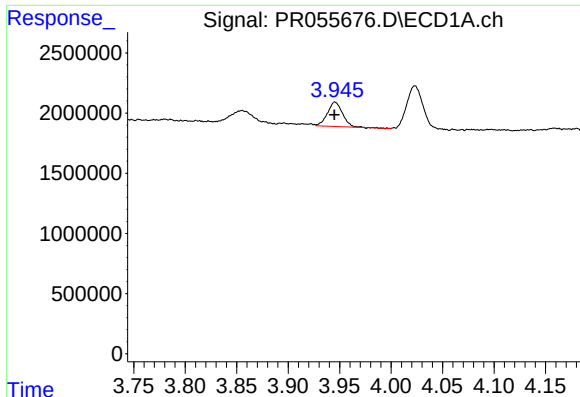
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 1957439
Conc: 39.61 ng/ml



#8 AR-1221-1

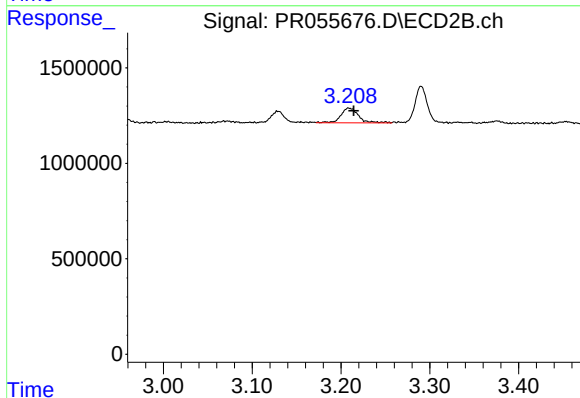
R.T.: 3.129 min
Delta R.T.: 0.000 min
Response: 633679
Conc: 27.77 ng/ml



#9 AR-1221-2

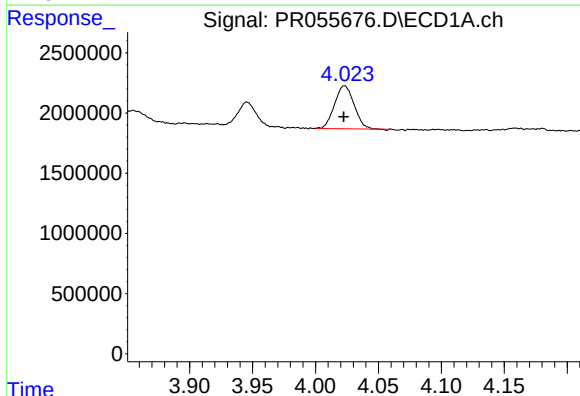
R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 2064280
Conc: 56.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



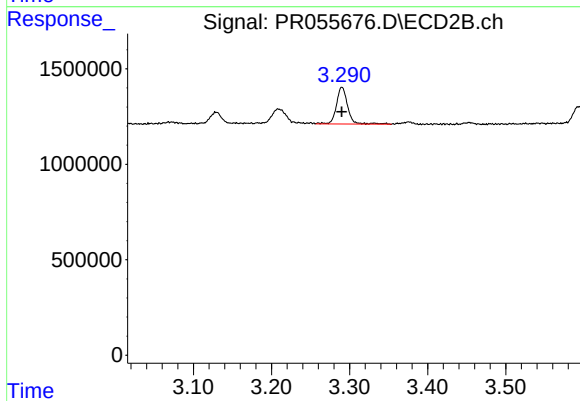
#9 AR-1221-2

R.T.: 3.209 min
Delta R.T.: -0.005 min
Response: 1068519
Conc: 62.32 ng/ml



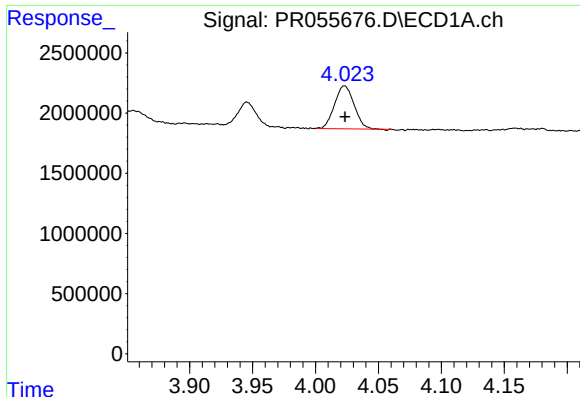
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 3784813
Conc: 35.94 ng/ml



#10 AR-1221-3

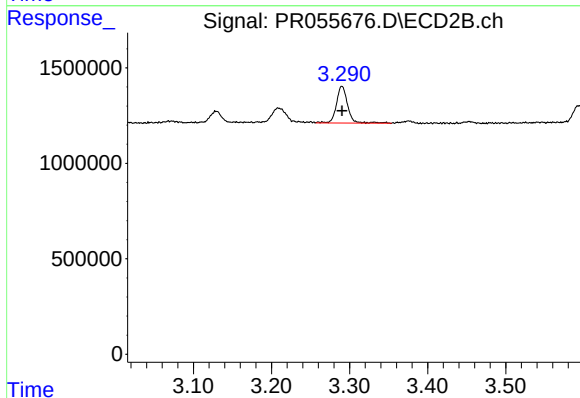
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1943262
Conc: 37.11 ng/ml



#11 AR-1232-1

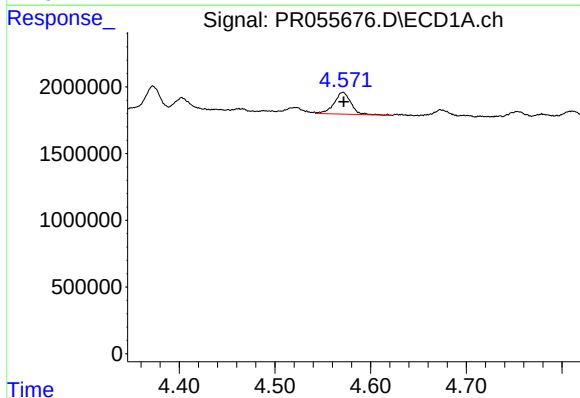
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 3784813
Conc: 43.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



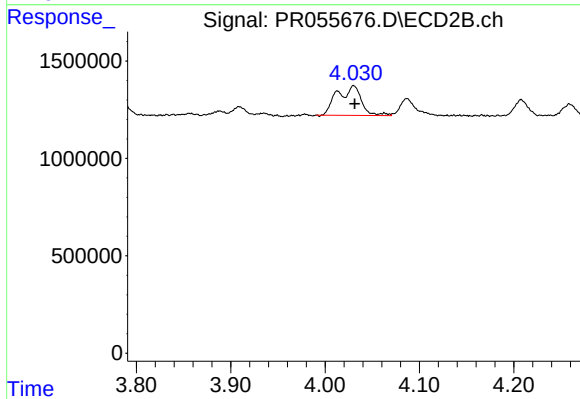
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1943262
Conc: 45.04 ng/ml



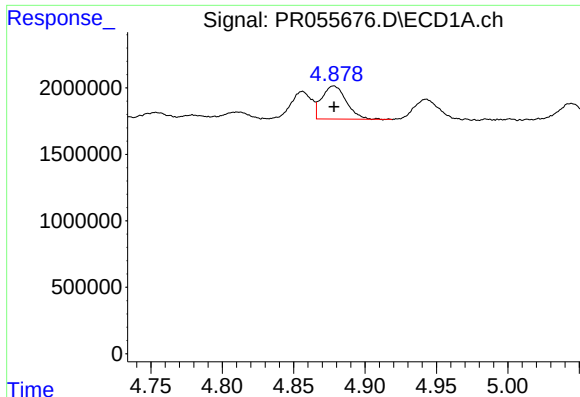
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 1974958
Conc: 46.02 ng/ml



#12 AR-1232-2

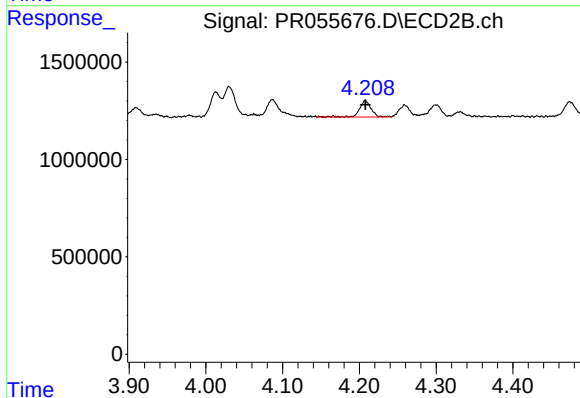
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2709049
Conc: 67.38 ng/ml



#13 AR-1232-3

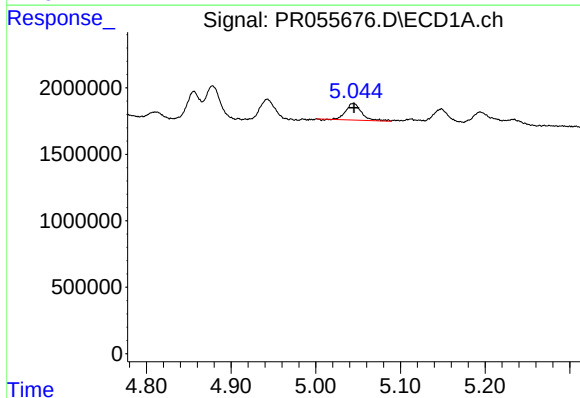
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 2979769
Conc: 40.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



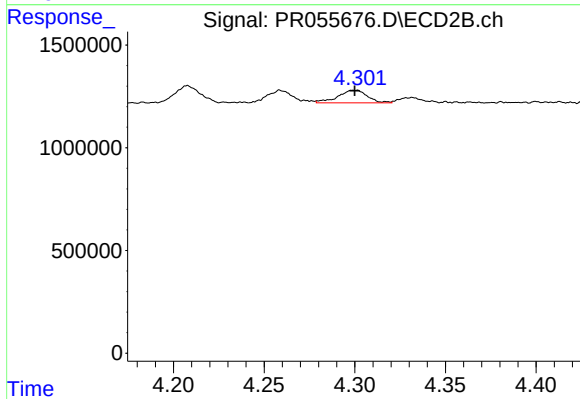
#13 AR-1232-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 877085
Conc: 40.62 ng/ml



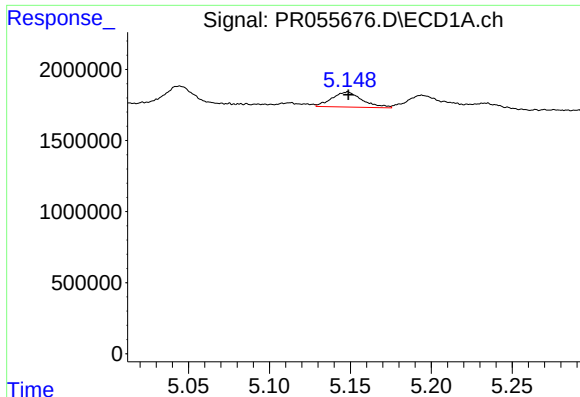
#14 AR-1232-4

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 1617356
Conc: 46.86 ng/ml



#14 AR-1232-4

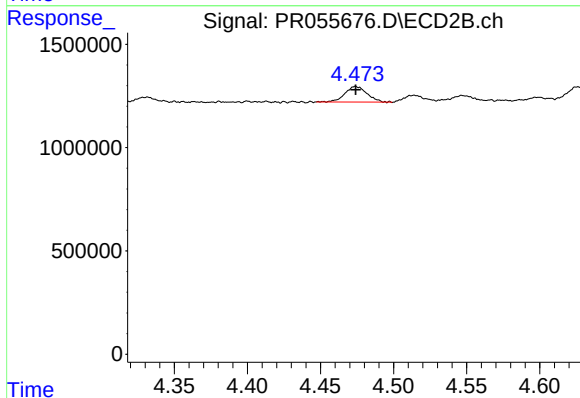
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 699154
Conc: 38.08 ng/ml



#15 AR-1232-5

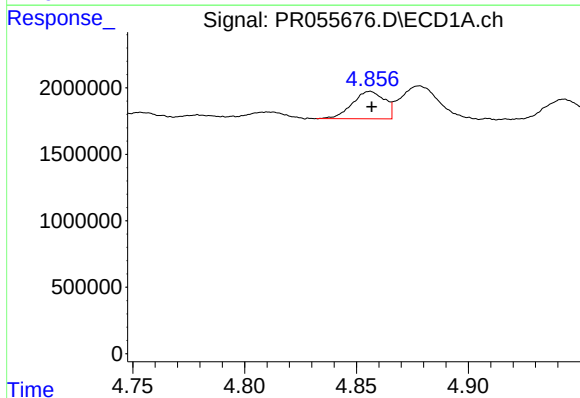
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1376614
Conc: 55.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



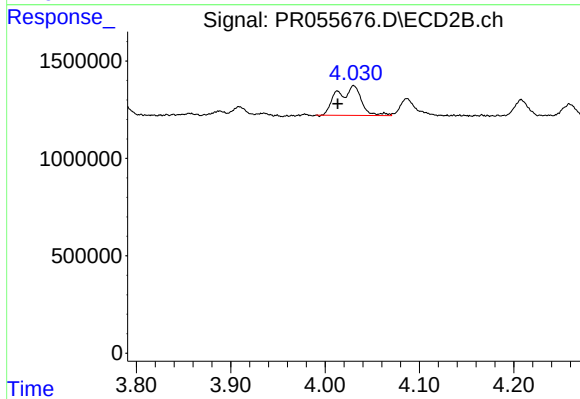
#15 AR-1232-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 792816
Conc: 38.34 ng/ml



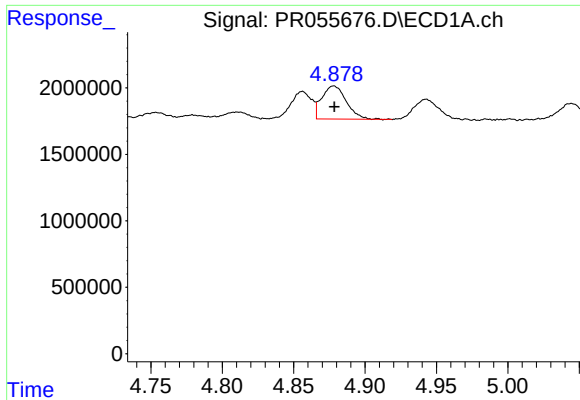
#16 AR-1242-1

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2069477
Conc: 22.00 ng/ml



#16 AR-1242-1

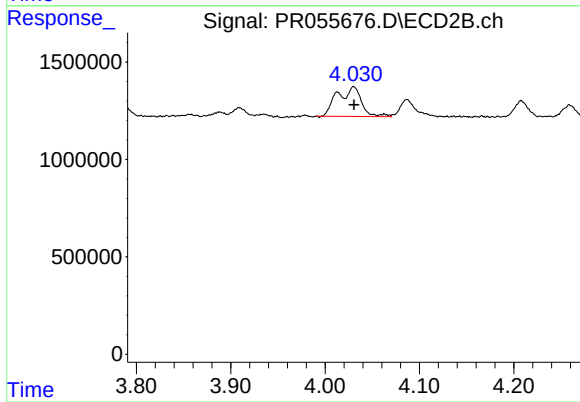
R.T.: 4.031 min
Delta R.T.: 0.017 min
Response: 2709049
Conc: 50.52 ng/ml



#17 AR-1242-2

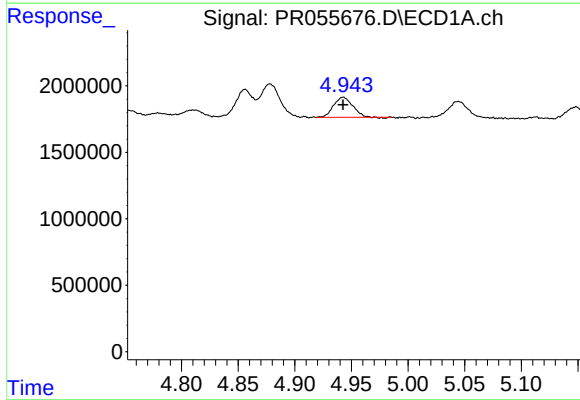
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 2979769
Conc: 22.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



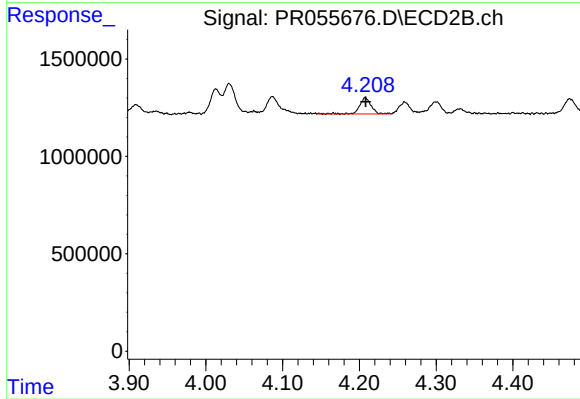
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2709049
Conc: 36.22 ng/ml



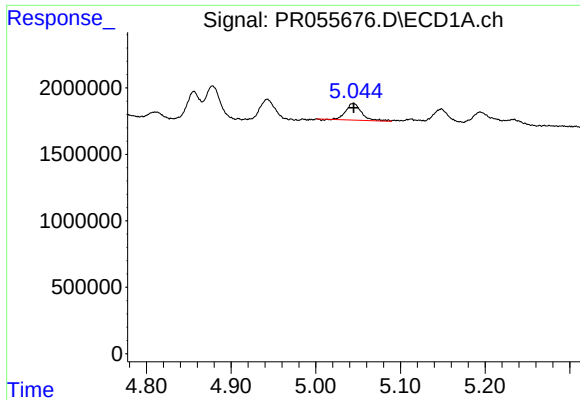
#18 AR-1242-3

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 1707955
Conc: 21.44 ng/ml



#18 AR-1242-3

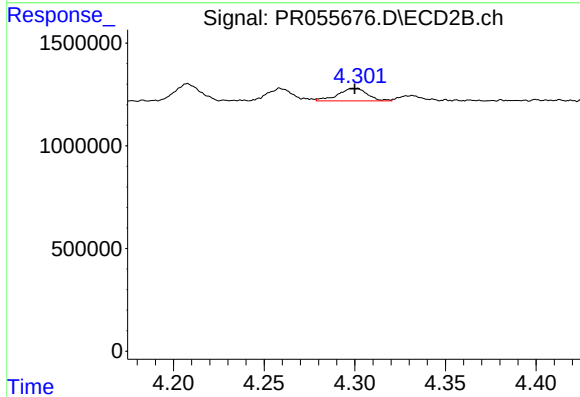
R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 877085
Conc: 21.61 ng/ml



#19 AR-1242-4

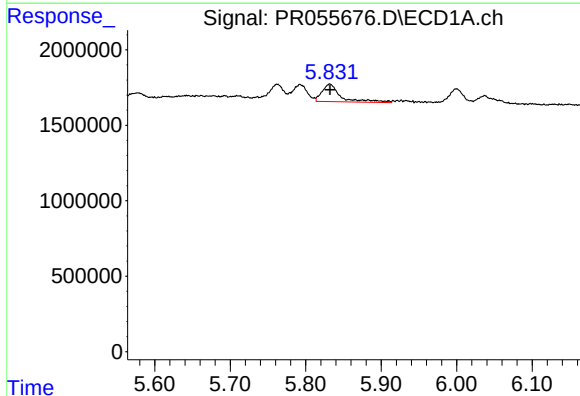
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 1617356
Conc: 25.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



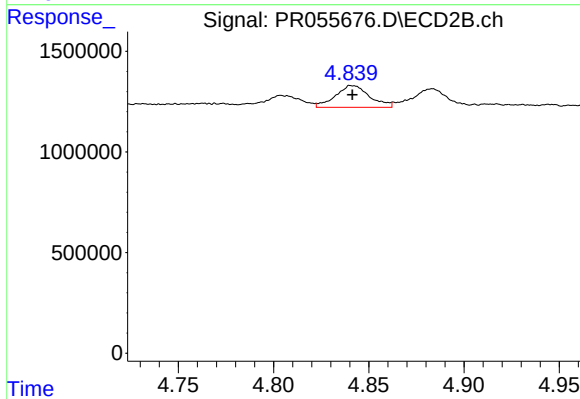
#19 AR-1242-4

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 699154
Conc: 18.57 ng/ml



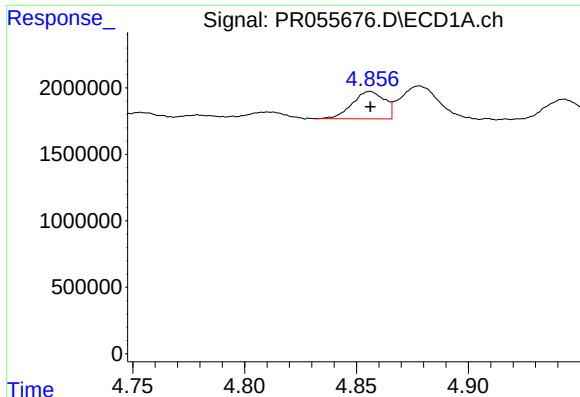
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 1975260
Conc: 34.30 ng/ml



#20 AR-1242-5

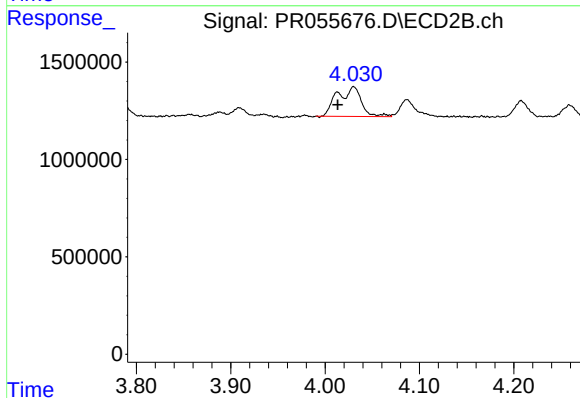
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1345816
Conc: 27.19 ng/ml



#21 AR-1248-1

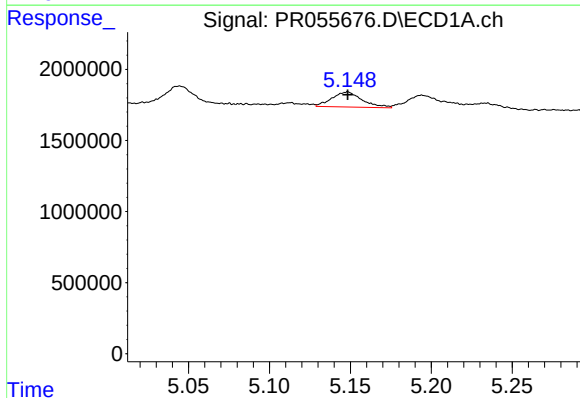
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2069477
Conc: 28.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



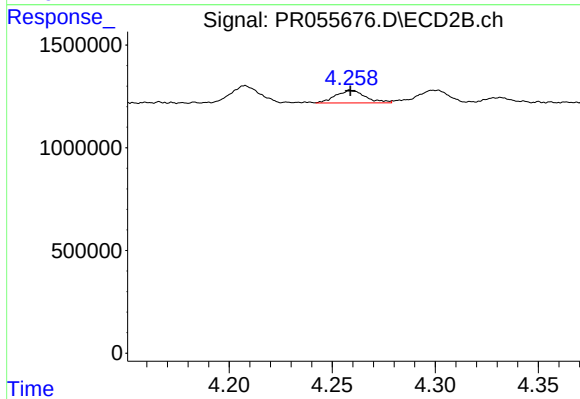
#21 AR-1248-1

R.T.: 4.031 min
Delta R.T.: 0.017 min
Response: 2709049
Conc: 66.57 ng/ml



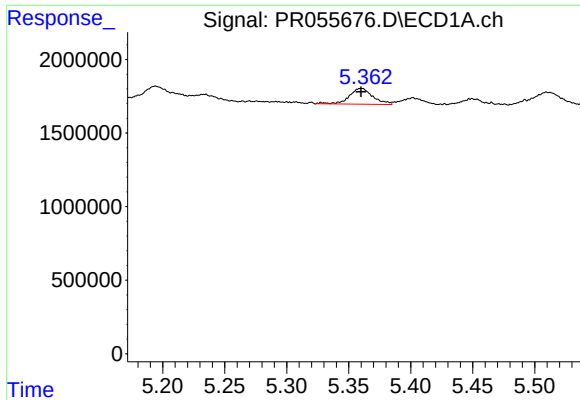
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 1376614
Conc: 15.48 ng/ml



#22 AR-1248-2

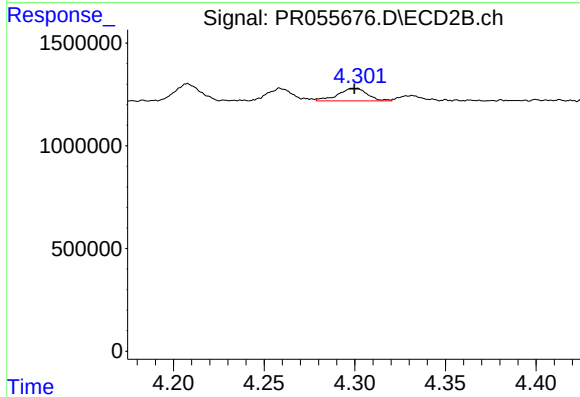
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 614100
Conc: 11.10 ng/ml



#23 AR-1248-3

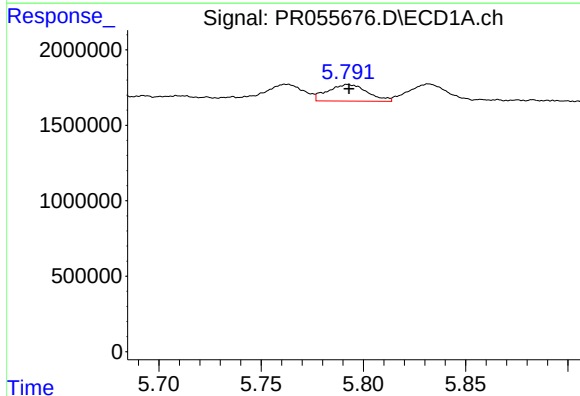
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 1412537
Conc: 14.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



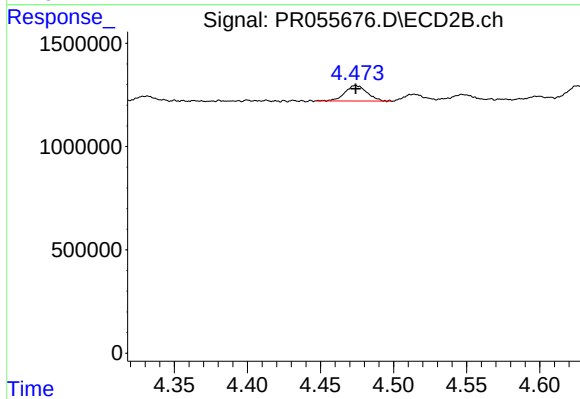
#23 AR-1248-3

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 699154
Conc: 12.43 ng/ml



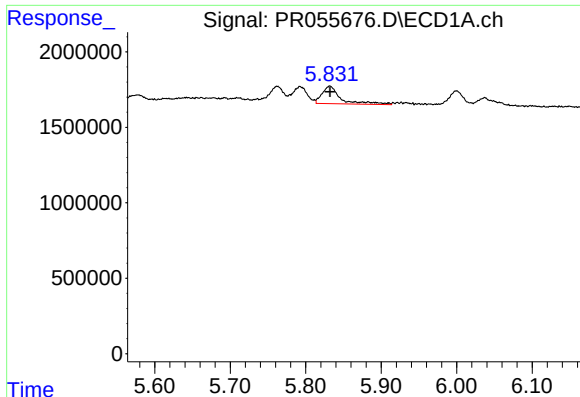
#24 AR-1248-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1479757
Conc: 15.14 ng/ml



#24 AR-1248-4

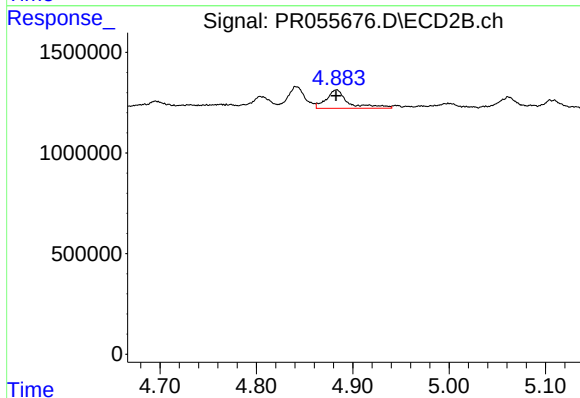
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 792816
Conc: 11.68 ng/ml



#25 AR-1248-5

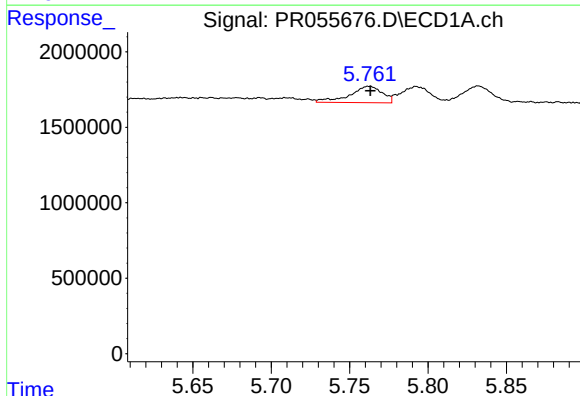
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 1975260
Conc: 20.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



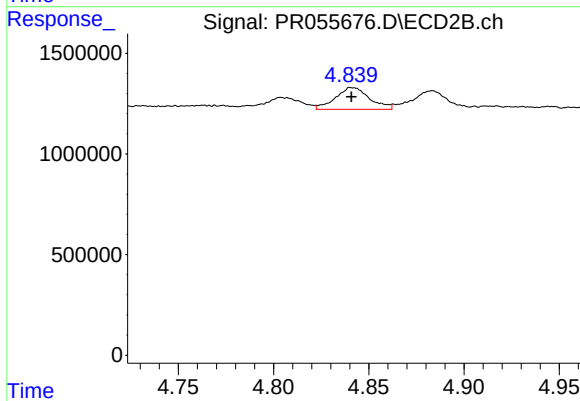
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 1465695
Conc: 20.55 ng/ml



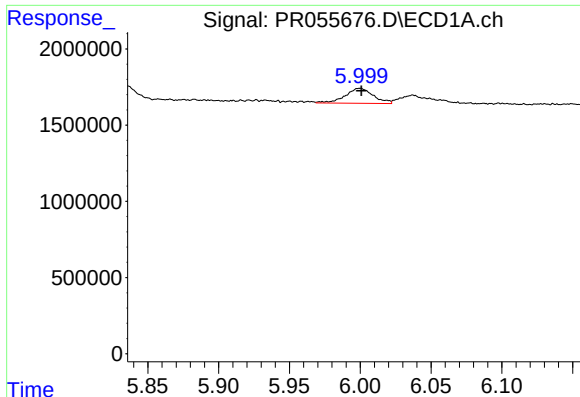
#26 AR-1254-1

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 1582190
Conc: 15.45 ng/ml



#26 AR-1254-1

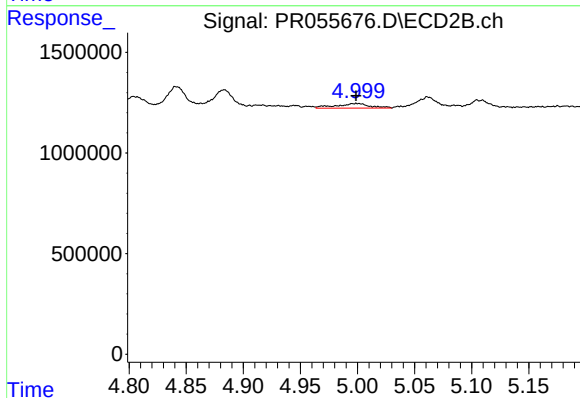
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 1345816
Conc: 12.32 ng/ml



#27 AR-1254-2

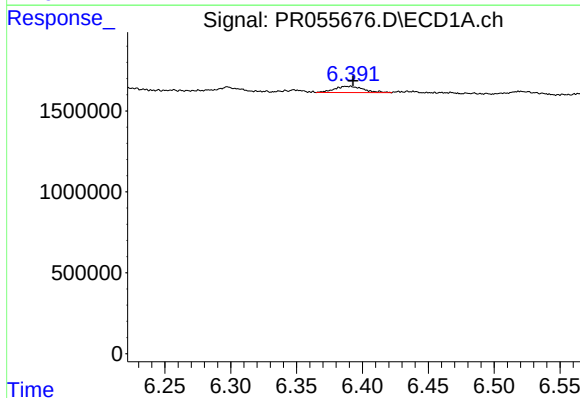
R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 1355628
Conc: 9.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



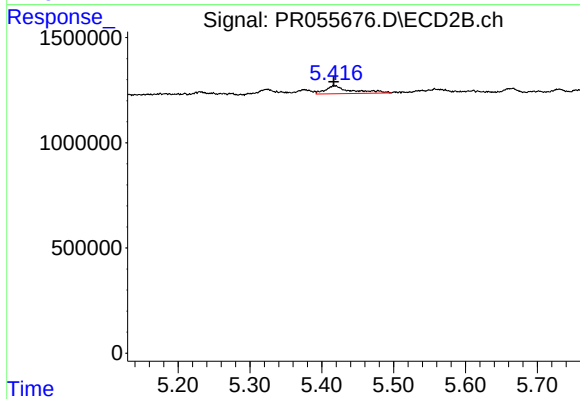
#27 AR-1254-2

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 479814
Conc: 4.96 ng/ml



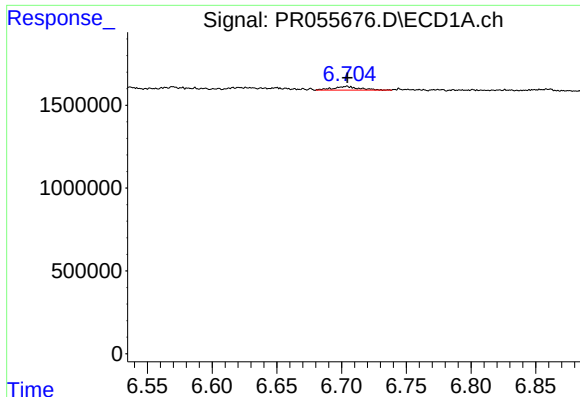
#28 AR-1254-3

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 585207
Conc: 3.99 ng/ml



#28 AR-1254-3

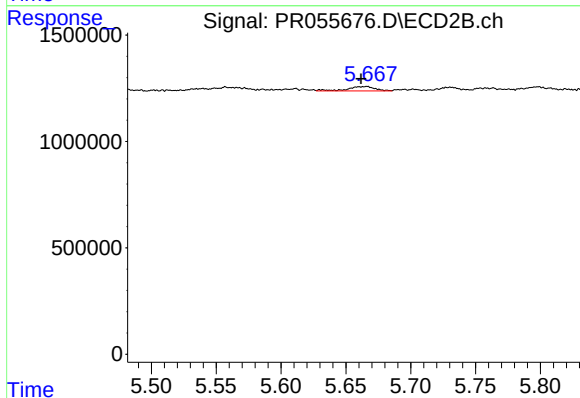
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 937509
Conc: 6.15 ng/ml



#29 AR-1254-4

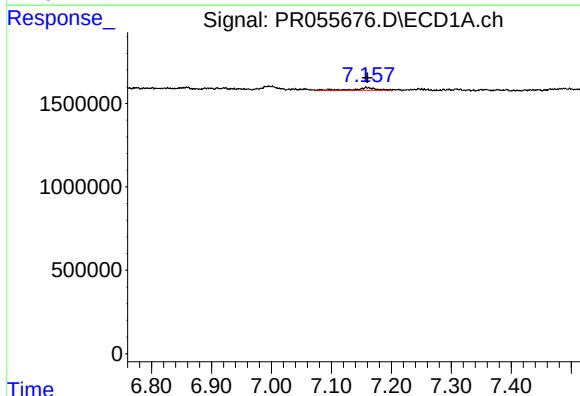
R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 294757
Conc: 2.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



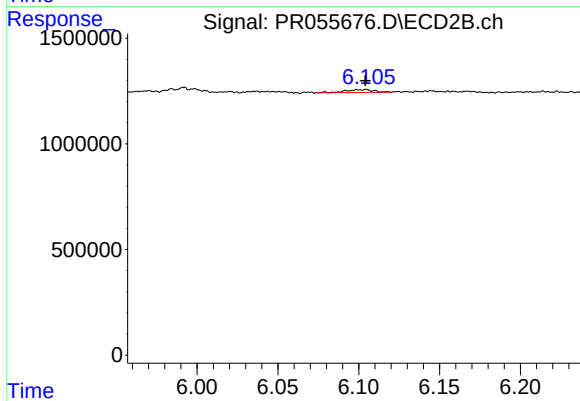
#29 AR-1254-4

R.T.: 5.664 min
Delta R.T.: 0.002 min
Response: 302422
Conc: 3.07 ng/ml



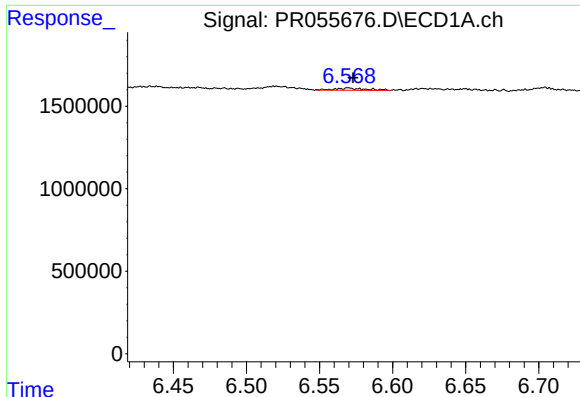
#30 AR-1254-5

R.T.: 7.159 min
Delta R.T.: -0.001 min
Response: 383014
Conc: 3.53 ng/ml



#30 AR-1254-5

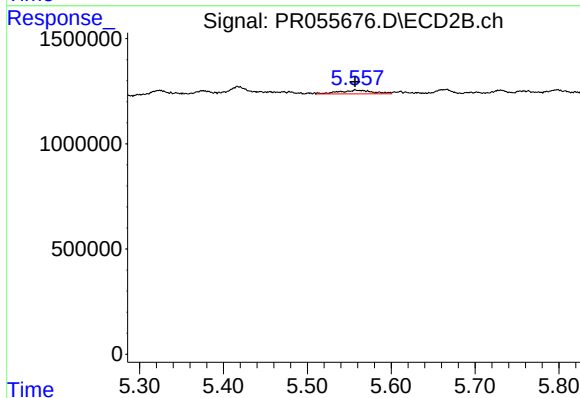
R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 165011
Conc: 1.22 ng/ml



#31 AR-1260-1

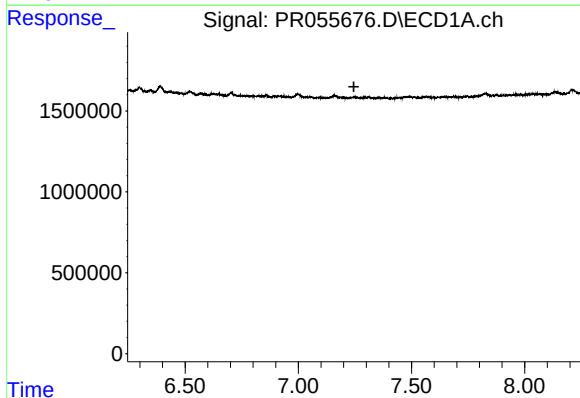
R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 201431
Conc: 1.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



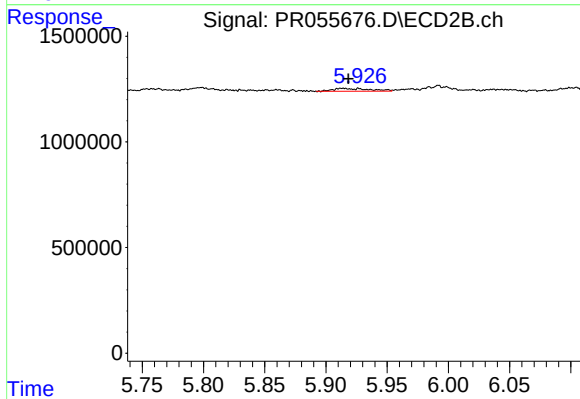
#31 AR-1260-1

R.T.: 5.559 min
Delta R.T.: 0.002 min
Response: 489708
Conc: 4.86 ng/ml



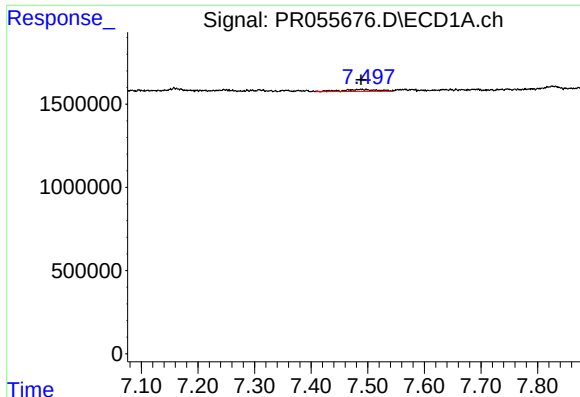
#33 AR-1260-3

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



#33 AR-1260-3

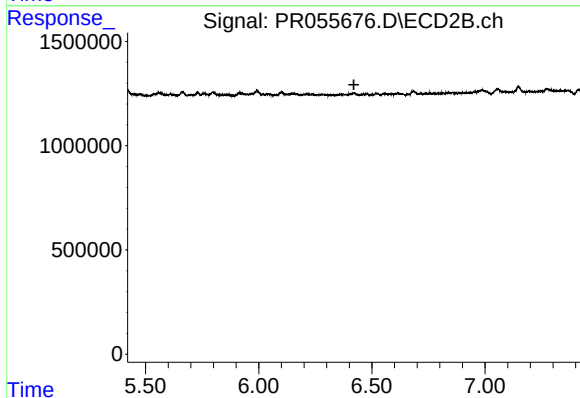
R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 286213
Conc: 2.53 ng/ml



#34 AR-1260-4

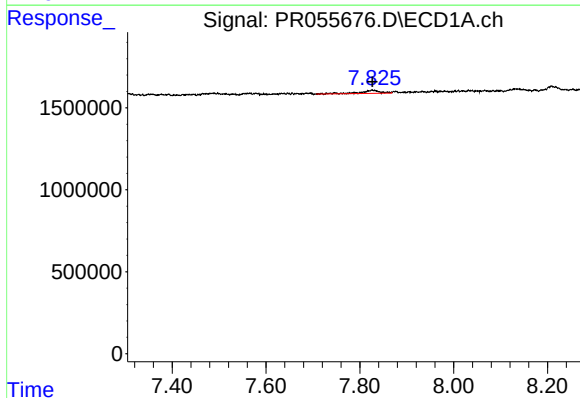
R.T.: 7.497 min
Delta R.T.: 0.008 min
Response: 487499
Conc: 4.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



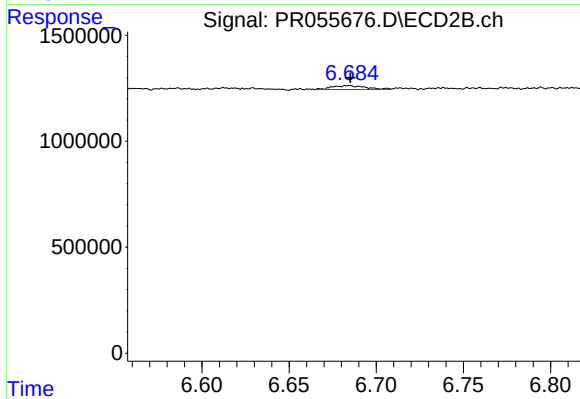
#34 AR-1260-4

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



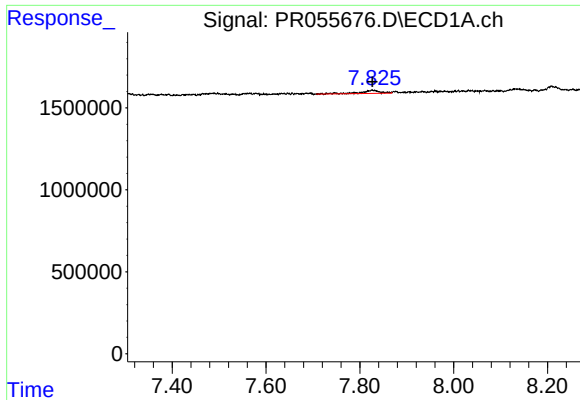
#35 AR-1260-5

R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 566546
Conc: 2.91 ng/ml



#35 AR-1260-5

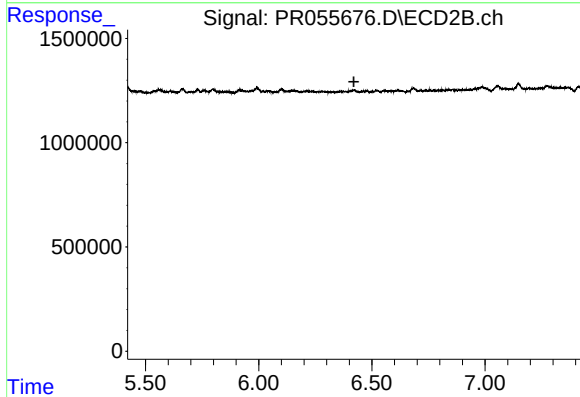
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 246918
Conc: 1.10 ng/ml



#37 AR-1262-2

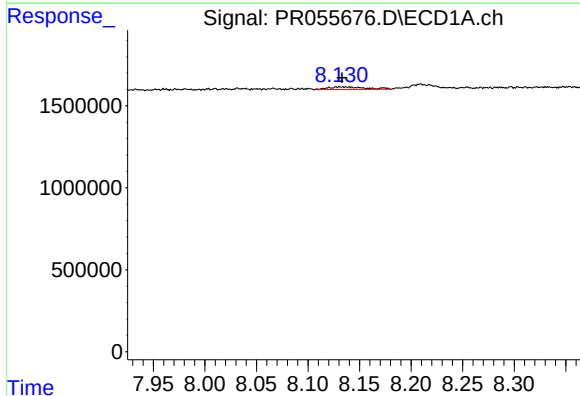
R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 566546
Conc: 2.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



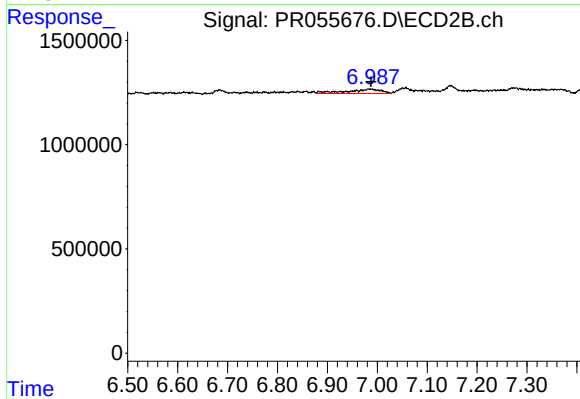
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.420 min
Response: 0
Conc: N.D.



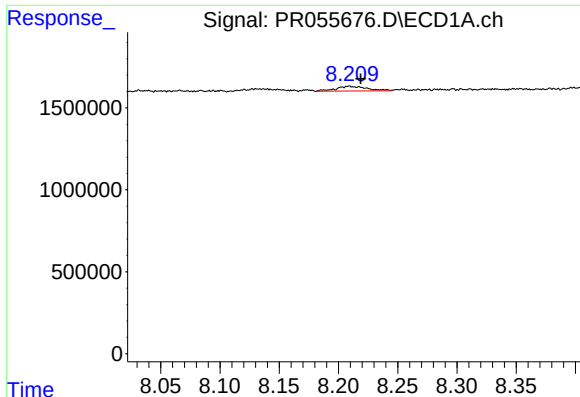
#38 AR-1262-3

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 394177
Conc: 2.67 ng/ml



#38 AR-1262-3

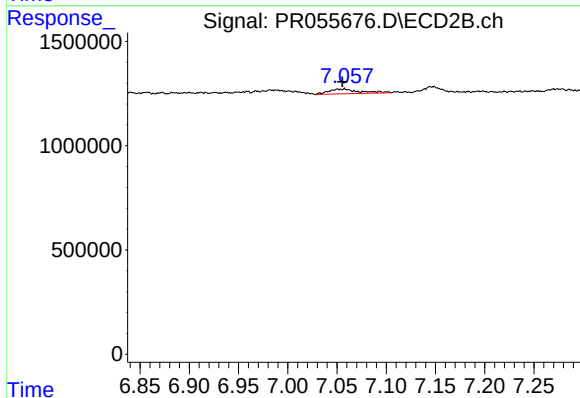
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 984472
Conc: 10.23 ng/ml



#39 AR-1262-4

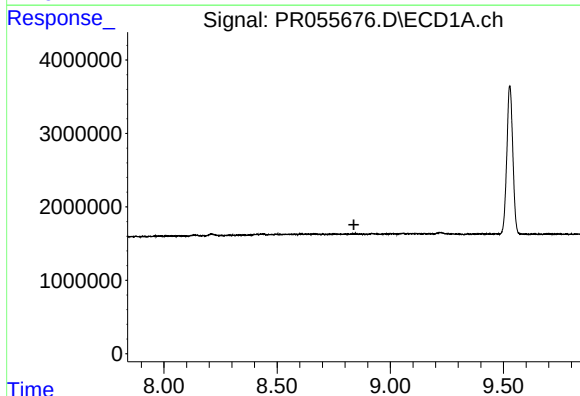
R.T.: 8.209 min
Delta R.T.: -0.010 min
Response: 532720
Conc: 8.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



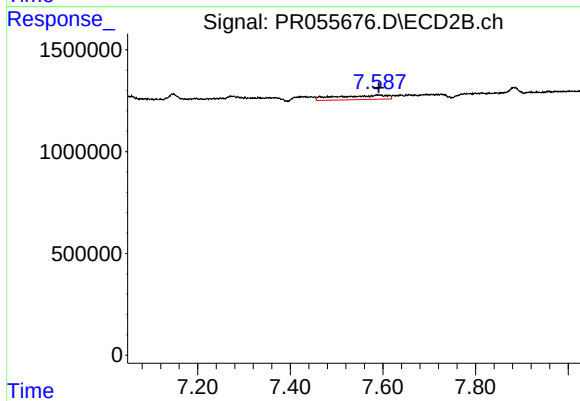
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 503021
Conc: 2.76 ng/ml



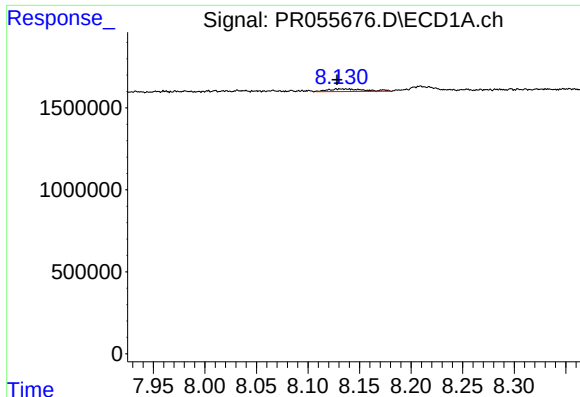
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

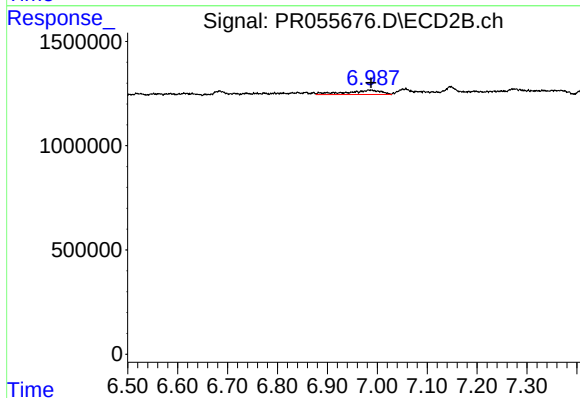
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 1642333
Conc: 19.16 ng/ml



#41 AR-1268-1

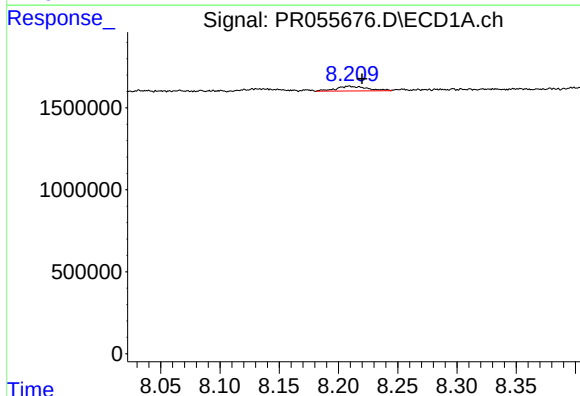
R.T.: 8.132 min
Delta R.T.: 0.004 min
Response: 394177
Conc: 1.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



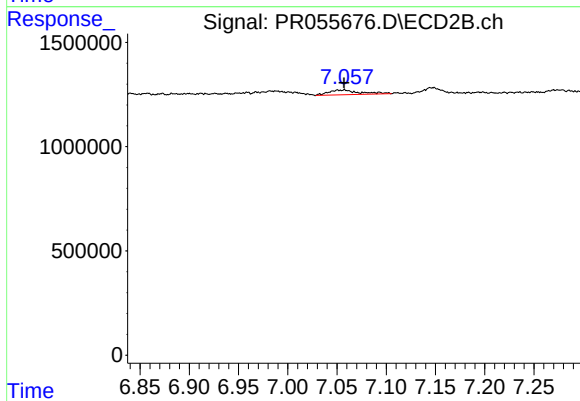
#41 AR-1268-1

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 984472
Conc: 3.50 ng/ml



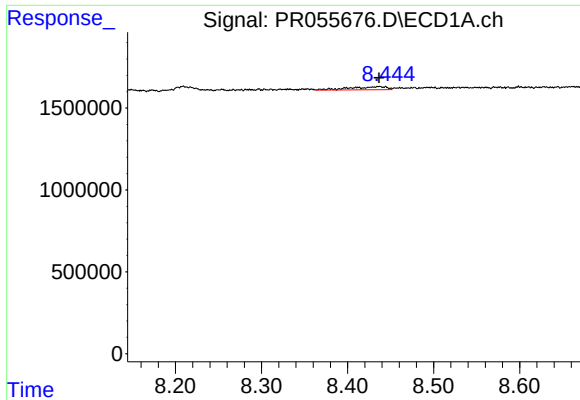
#42 AR-1268-2

R.T.: 8.209 min
Delta R.T.: -0.011 min
Response: 532720
Conc: 2.33 ng/ml



#42 AR-1268-2

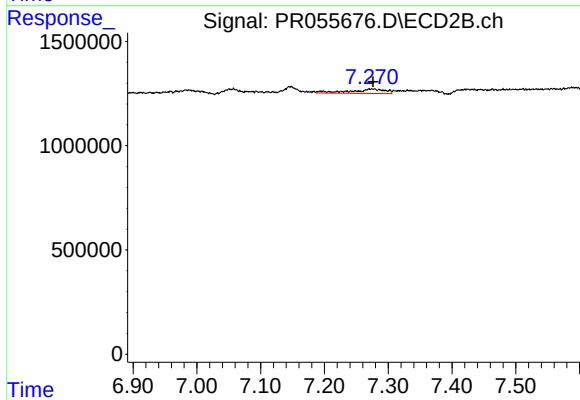
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 503021
Conc: 1.97 ng/ml



#43 AR-1268-3

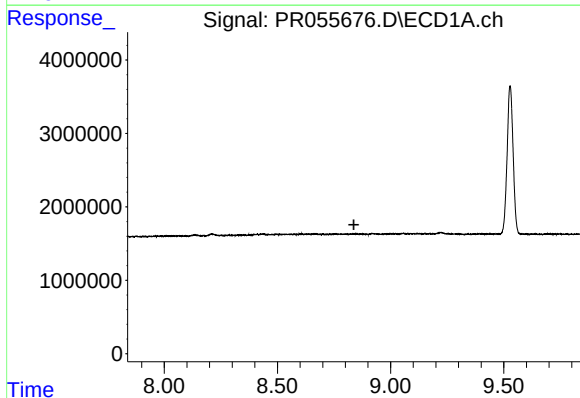
R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 564910
Conc: 2.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



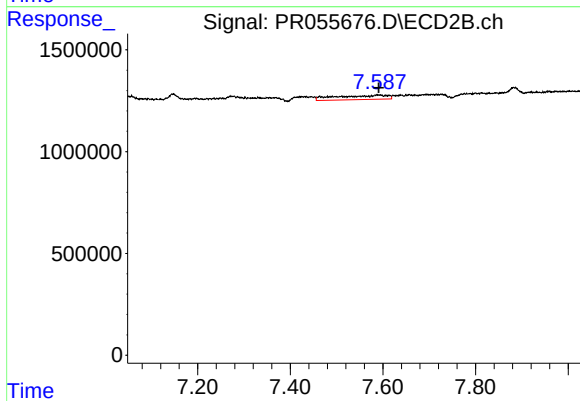
#43 AR-1268-3

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 816917
Conc: 3.80 ng/ml



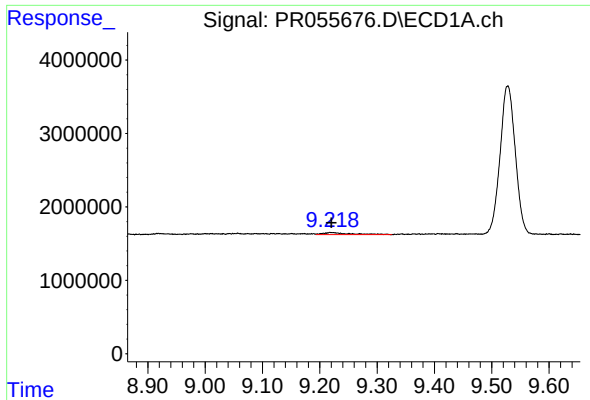
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.838 min
Response: 0
Conc: N.D.



#44 AR-1268-4

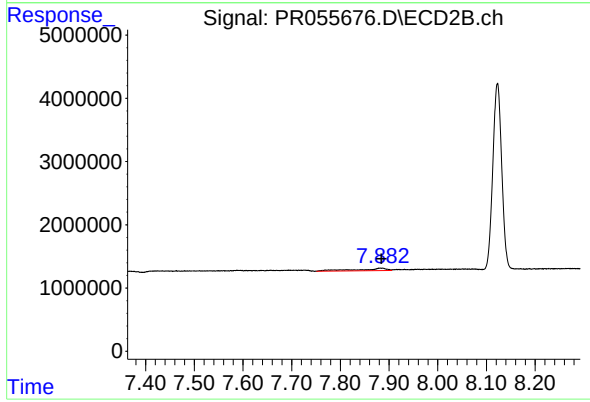
R.T.: 7.590 min
Delta R.T.: -0.001 min
Response: 1642333
Conc: 17.28 ng/ml



#45 AR-1268-5

R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 913756
Conc: 1.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 1597414
Conc: 2.34 ng/ml