

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 21:50
 Operator : AJ\MA
 Sample : N3980-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:56:46 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	76360802	36882325	17.896	18.369
2)	SA Decachlor...	9.527	8.122	34770856	34891235	19.556	19.181
Target Compounds							
3)	L1 AR-1016-1	4.857	4.013	3763481	2056725	32.501	31.758
4)	L1 AR-1016-2	4.878	4.031	5594960	2878982	34.092	31.521
5)	L1 AR-1016-3	4.942	4.207	3309459	1608397	33.463	31.543
6)	L1 AR-1016-4	5.045	4.259	2648631	1198957	33.437	31.558
7)	L1 AR-1016-5	5.360	4.473	2627744	1537906	36.344	31.176
8)	L2 AR-1221-1	3.852	3.128	729833	292185	14.768	12.803
9)	L2 AR-1221-2	3.946	3.207	1689230	749614	46.626	43.720
10)	L2 AR-1221-3	4.023	3.290	2545039	1287064	24.168	24.582
11)	L3 AR-1232-1	4.023	3.290	2545039	1287064	29.344	29.831
12)	L3 AR-1232-2	4.572	4.031	3636701	2878982	84.733	71.610
13)	L3 AR-1232-3	4.878	4.207	5594960	1608397	76.453	74.480
14)	L3 AR-1232-4	5.045	4.300	2648631	1427649	76.736	77.757
15)	L3 AR-1232-5	5.148	4.473	2196471	1537906	88.037	74.375
16)	L4 AR-1242-1	4.857	4.013	3763481	2056725	40.014	38.352
17)	L4 AR-1242-2	4.878	4.031	5594960	2878982	41.301	38.492
18)	L4 AR-1242-3	4.942	4.207	3309459	1608397	41.540	39.623
19)	L4 AR-1242-4	5.045	4.300	2648631	1427649	42.055	37.925
20)	L4 AR-1242-5	5.832	4.841	3263595	2001250	56.669	40.427 #
21)	L5 AR-1248-1	4.857	4.013	3763481	2056725	51.771	50.539
22)	L5 AR-1248-2	5.148	4.259	2196471	1198957	24.703	21.663
23)	L5 AR-1248-3	5.360	4.300	2627744	1427649	26.407	25.386
24)	L5 AR-1248-4	5.793	4.473	2375567	1537906	24.308	22.663
25)	L5 AR-1248-5	5.832	4.883	3263595	1808775	33.428	25.362
26)	L6 AR-1254-1	5.762	4.841	2515754	2001250	24.564	18.315 #
27)	L6 AR-1254-2	6.000	4.999	2534117	767087	17.239	7.922 #
28)	L6 AR-1254-3	6.391	5.417	1431664	1132962	9.772	7.438
29)	L6 AR-1254-4	6.705	5.662	1108653	824462	10.694	8.367
30)	L6 AR-1254-5	7.157	6.103	661368	406543	6.099	3.001 #
31)	L7 AR-1260-1	6.575	5.560	698490	1049869	6.452	10.420 #
32)	L7 AR-1260-2	6.855	5.761	1266265	401502	10.234	3.284 #
33)	L7 AR-1260-3	7.246	5.918	507351	283668	5.621	2.508 #
34)	L7 AR-1260-4	7.487	6.419	814177	440409	7.930	4.602 #
35)	L7 AR-1260-5	7.827	6.684	803088	576865	4.131	2.569 #
36)	L8 AR-1262-1	7.246	6.147	507351	258871	4.081	1.925 #
37)	L8 AR-1262-2	7.827	6.419	803088	440409	3.763	3.609
38)	L8 AR-1262-3	8.130	6.986	718392	856908	4.872	8.903 #
39)	L8 AR-1262-4	8.216	7.056	607013	691611	9.659	3.801 #
40)	L8 AR-1262-5	8.838	7.592	347023	329633	4.381	3.847
41)	L9 AR-1268-1	8.130	6.986	718392	856908	2.881	3.046

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 Misc : AR1242 LOD 40 PPB
 ALS Vial : 25 Sample Multiplier: 1

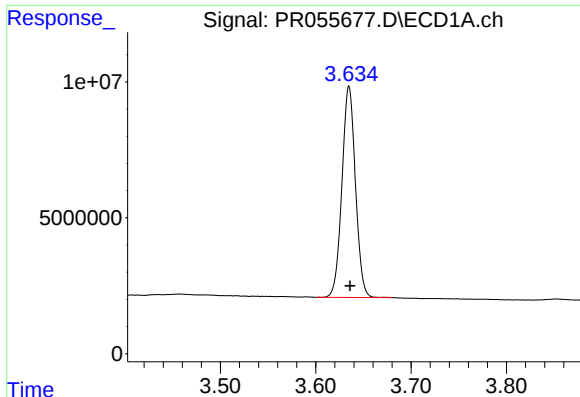
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 03:56:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.216	7.056	607013	691611	2.659	2.703
43) L9	AR-1268-3	8.439	7.276	918549	358836	4.770	1.667 #
44) L9	AR-1268-4	8.838	7.592	347023	329633	3.935	3.469
45) L9	AR-1268-5	9.219	7.883	825345	815296	1.350	1.196

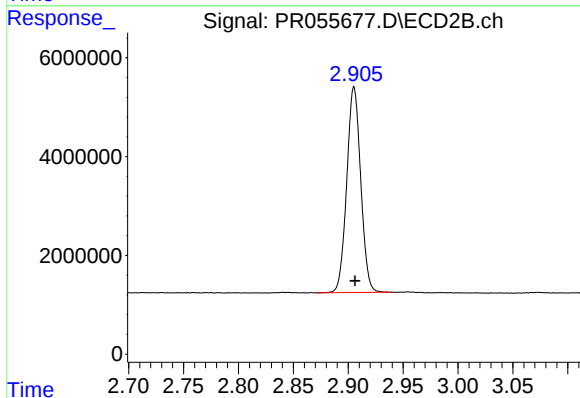
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

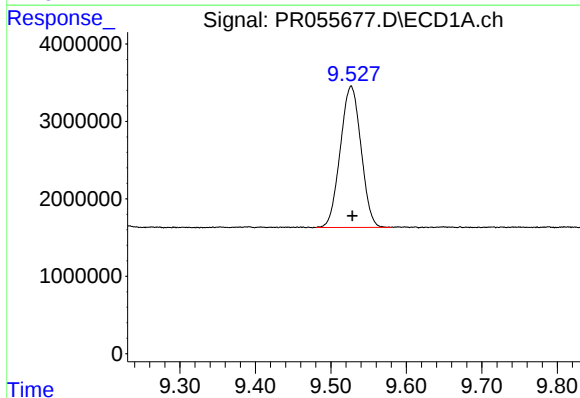
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 76360802
Conc: 17.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



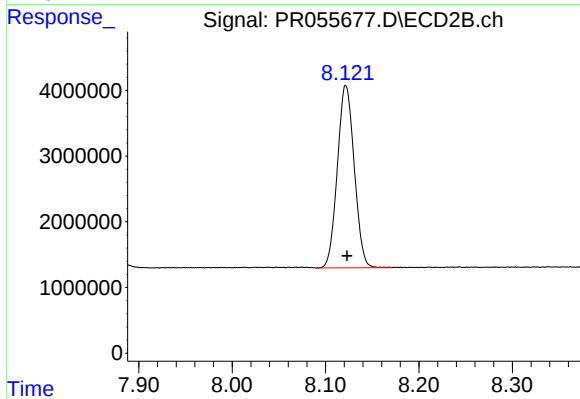
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 36882325
Conc: 18.37 ng/ml



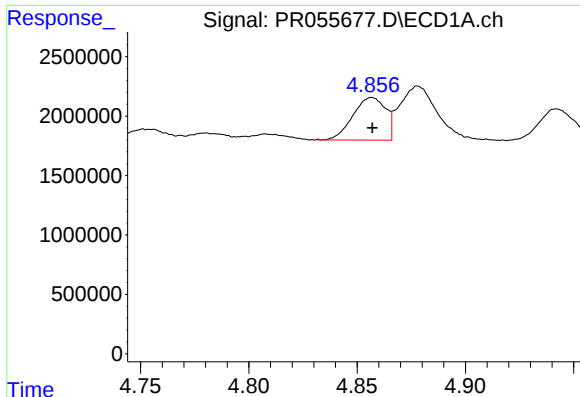
#2 Decachlorobiphenyl

R.T.: 9.527 min
Delta R.T.: -0.002 min
Response: 34770856
Conc: 19.56 ng/ml



#2 Decachlorobiphenyl

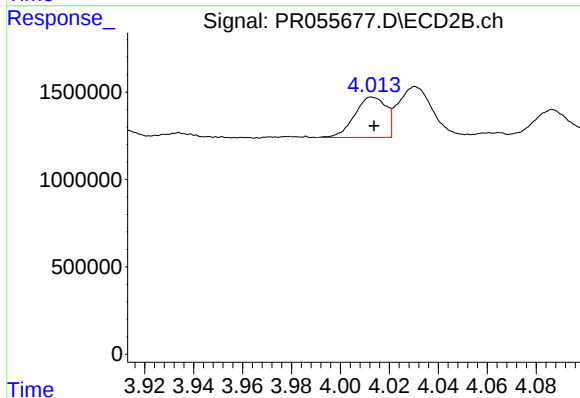
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 34891235
Conc: 19.18 ng/ml



#3 AR-1016-1

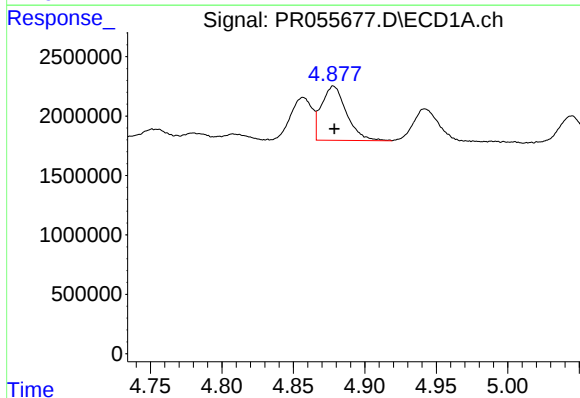
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3763481
Conc: 32.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



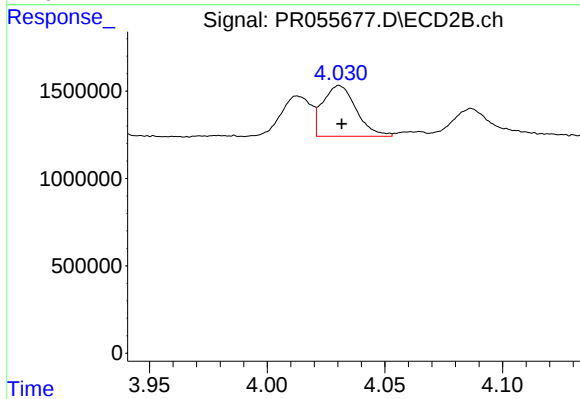
#3 AR-1016-1

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 2056725
Conc: 31.76 ng/ml



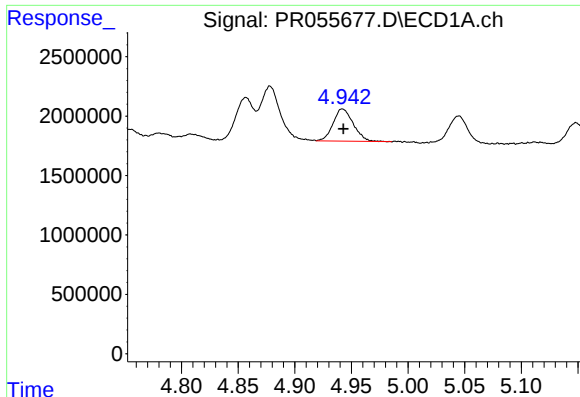
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5594960
Conc: 34.09 ng/ml



#4 AR-1016-2

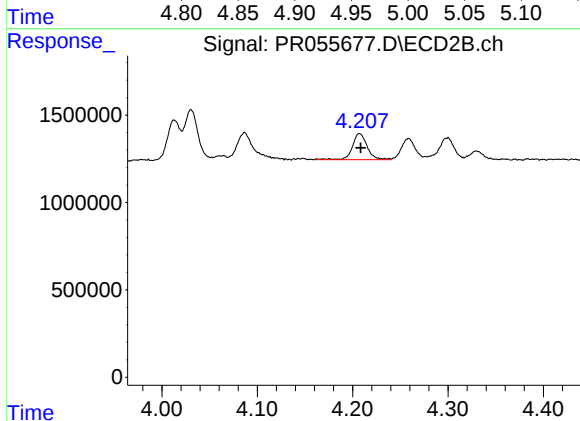
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 2878982
Conc: 31.52 ng/ml



#5 AR-1016-3

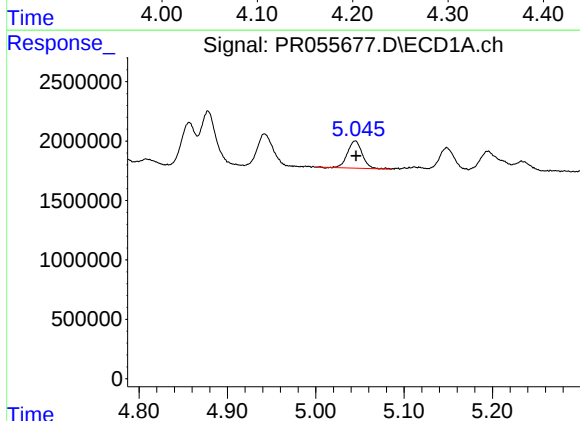
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3309459
Conc: 33.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



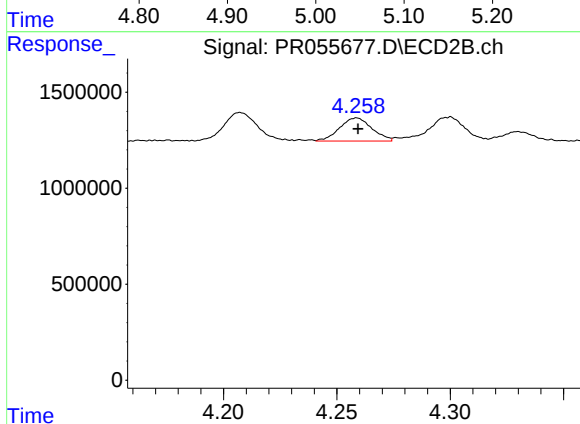
#5 AR-1016-3

R.T.: 4.207 min
Delta R.T.: -0.001 min
Response: 1608397
Conc: 31.54 ng/ml



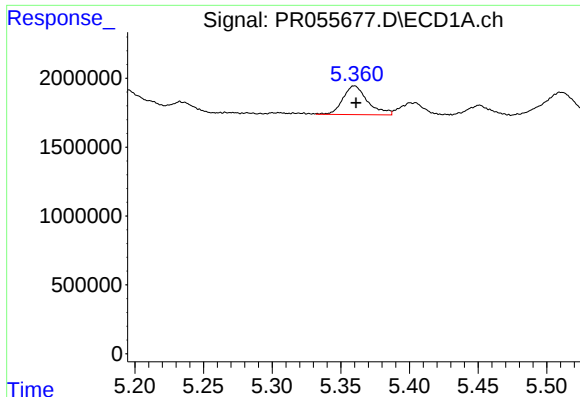
#6 AR-1016-4

R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 2648631
Conc: 33.44 ng/ml



#6 AR-1016-4

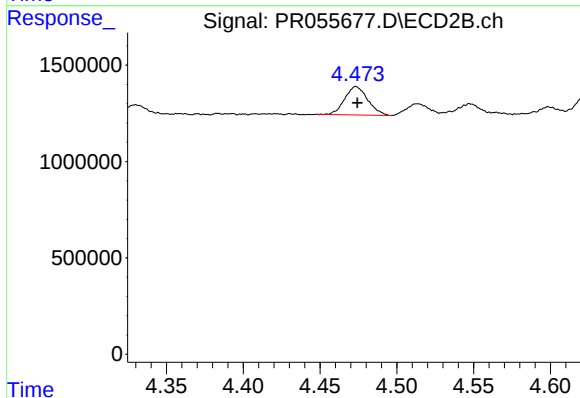
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1198957
Conc: 31.56 ng/ml



#7 AR-1016-5

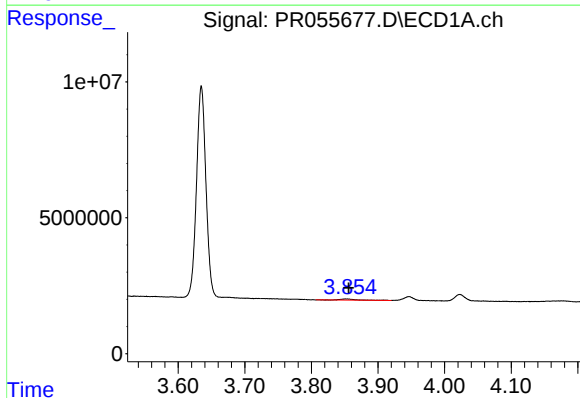
R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 2627744
Conc: 36.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



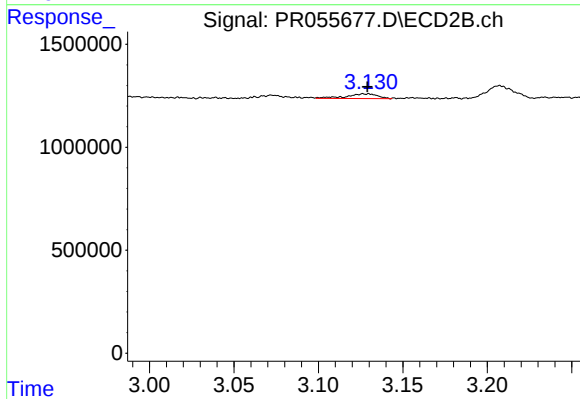
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1537906
Conc: 31.18 ng/ml



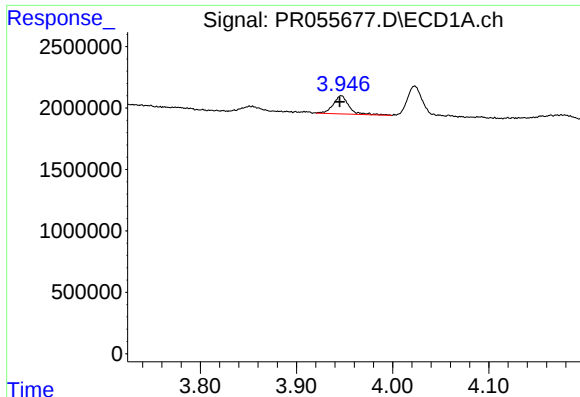
#8 AR-1221-1

R.T.: 3.852 min
Delta R.T.: -0.004 min
Response: 729833
Conc: 14.77 ng/ml



#8 AR-1221-1

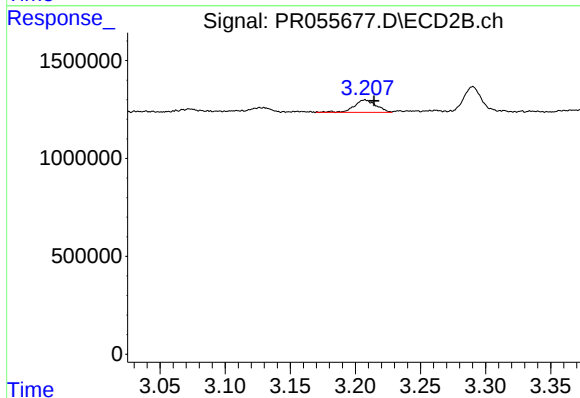
R.T.: 3.128 min
Delta R.T.: -0.001 min
Response: 292185
Conc: 12.80 ng/ml



#9 AR-1221-2

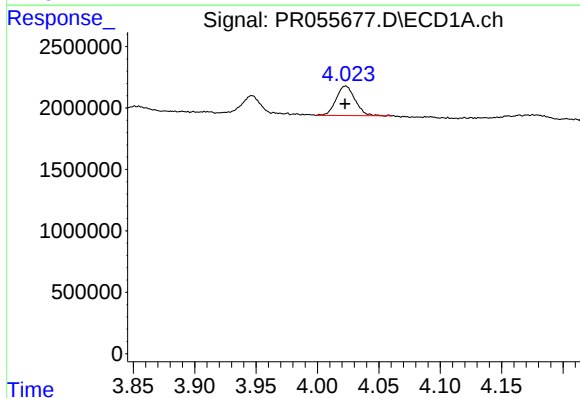
R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 1689230
Conc: 46.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



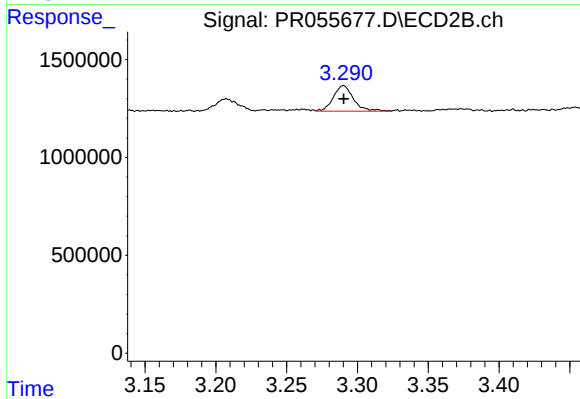
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.007 min
Response: 749614
Conc: 43.72 ng/ml



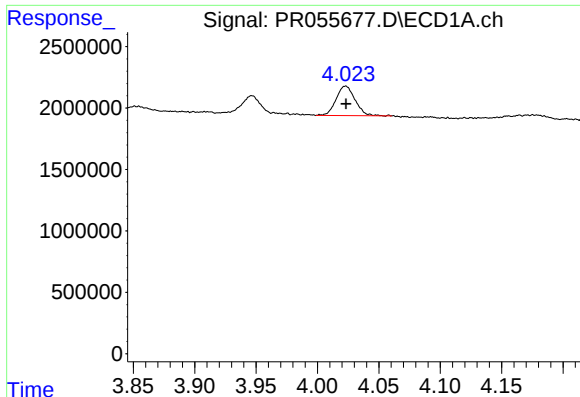
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2545039
Conc: 24.17 ng/ml



#10 AR-1221-3

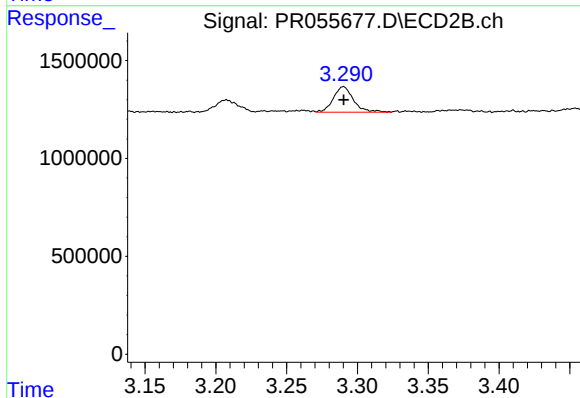
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1287064
Conc: 24.58 ng/ml



#11 AR-1232-1

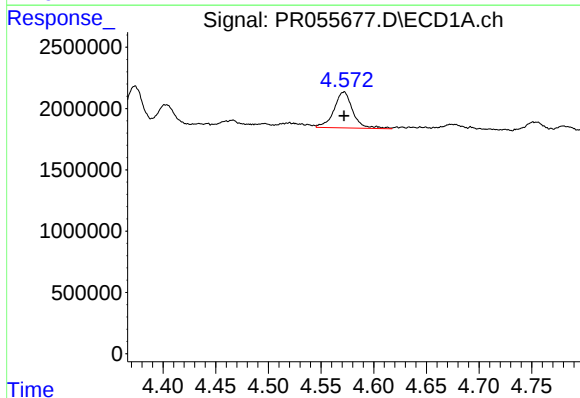
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2545039
Conc: 29.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



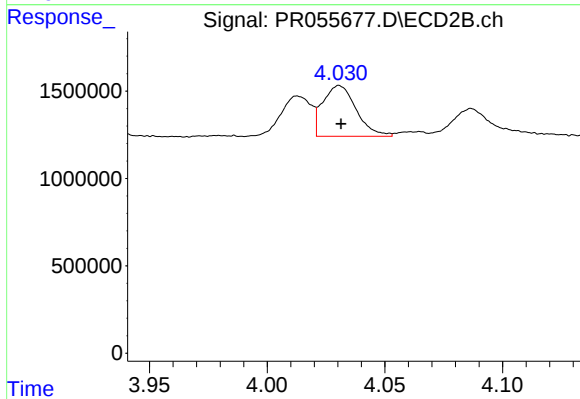
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1287064
Conc: 29.83 ng/ml



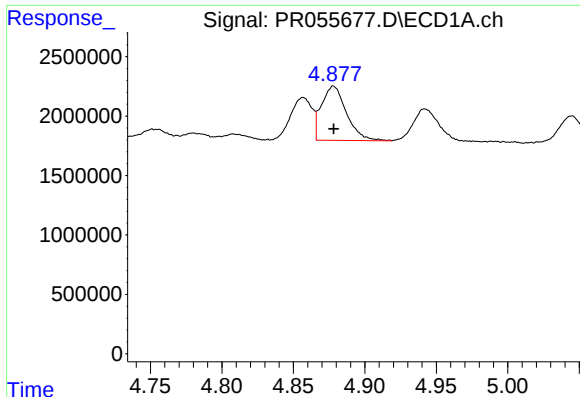
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 3636701
Conc: 84.73 ng/ml



#12 AR-1232-2

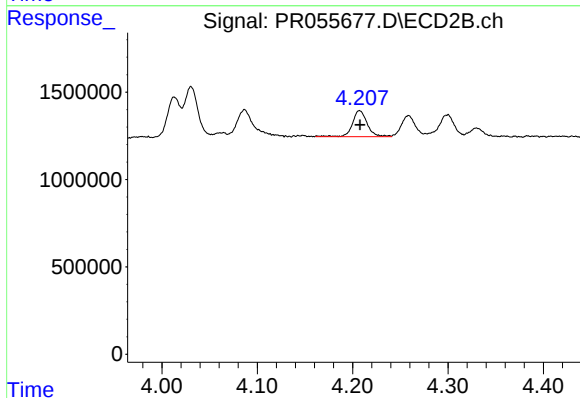
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2878982
Conc: 71.61 ng/ml



#13 AR-1232-3

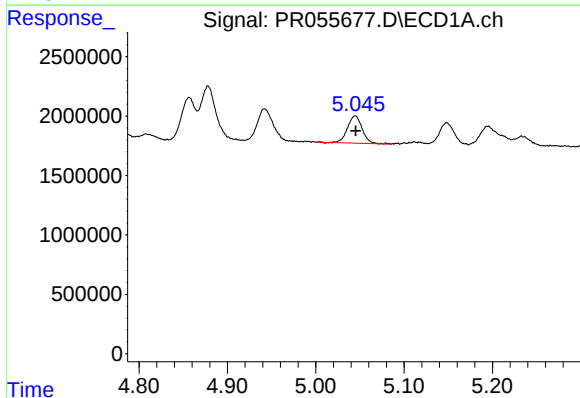
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5594960
Conc: 76.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



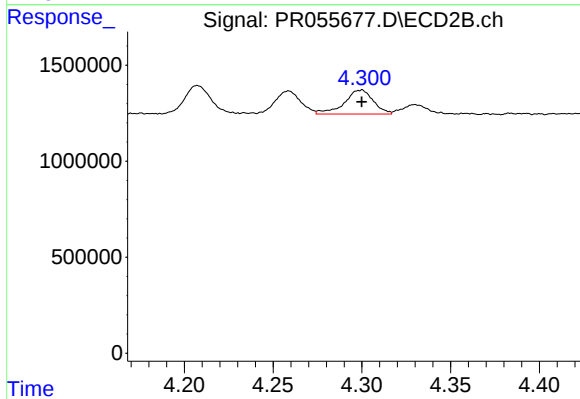
#13 AR-1232-3

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 1608397
Conc: 74.48 ng/ml



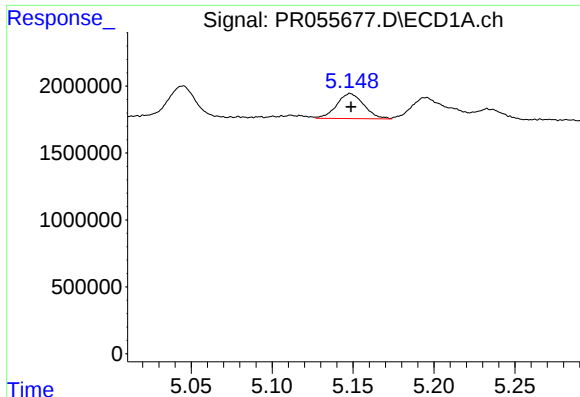
#14 AR-1232-4

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 2648631
Conc: 76.74 ng/ml



#14 AR-1232-4

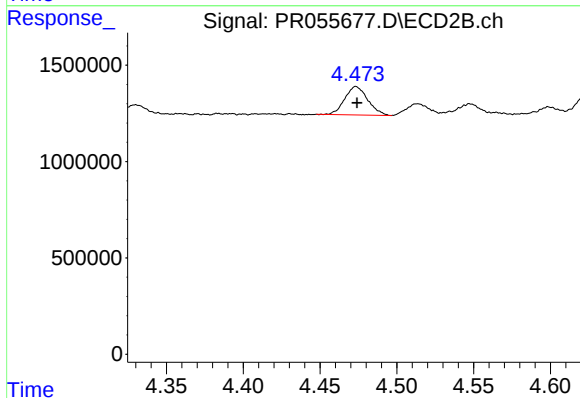
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 77.76 ng/ml



#15 AR-1232-5

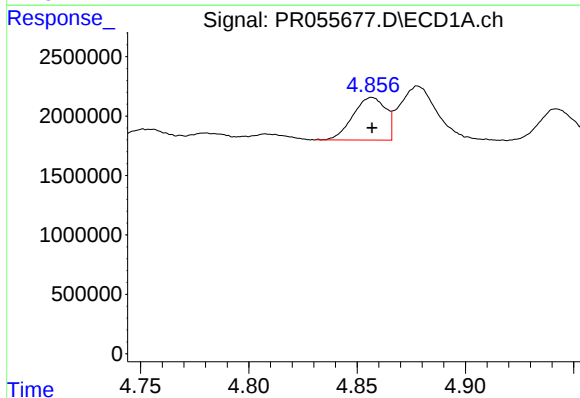
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 2196471
Conc: 88.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



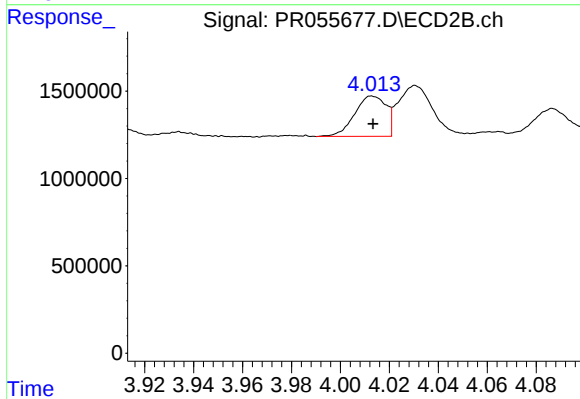
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1537906
Conc: 74.38 ng/ml



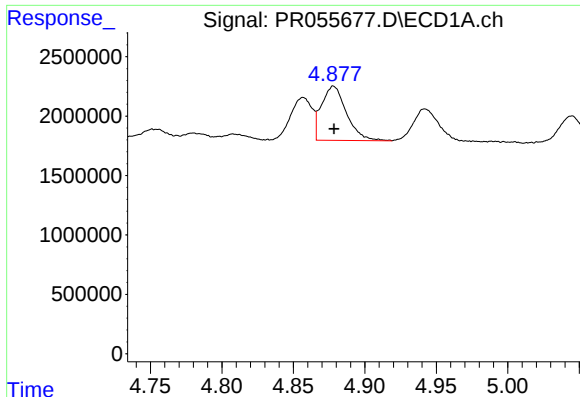
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3763481
Conc: 40.01 ng/ml



#16 AR-1242-1

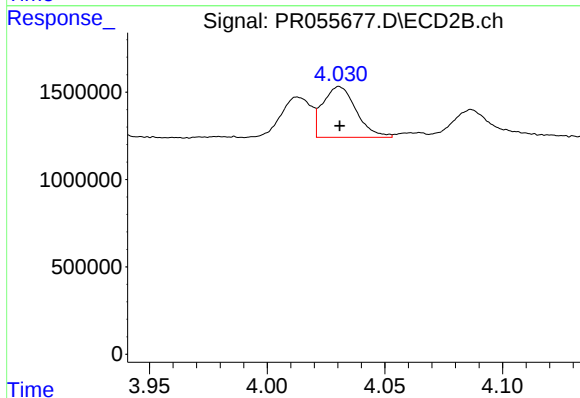
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 2056725
Conc: 38.35 ng/ml



#17 AR-1242-2

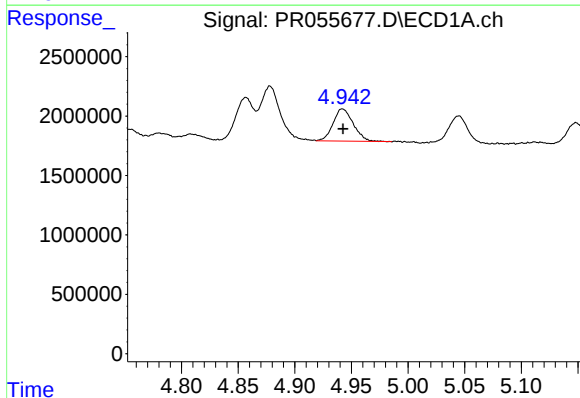
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5594960
Conc: 41.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



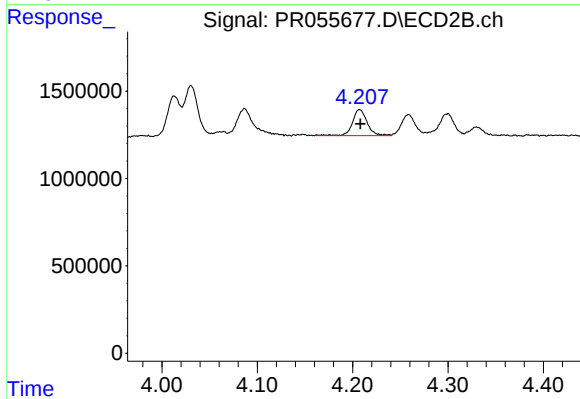
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2878982
Conc: 38.49 ng/ml



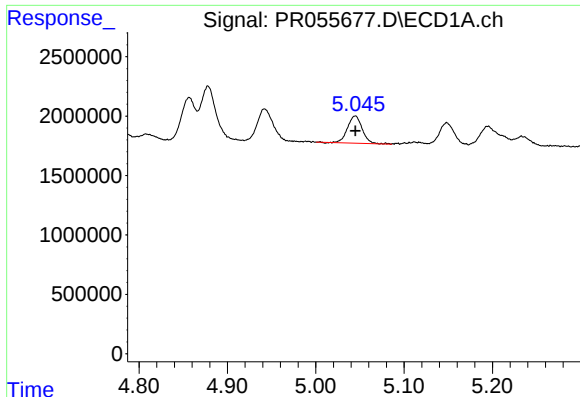
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3309459
Conc: 41.54 ng/ml



#18 AR-1242-3

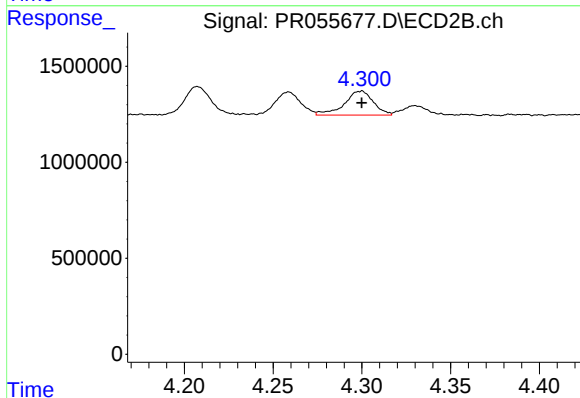
R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 1608397
Conc: 39.62 ng/ml



#19 AR-1242-4

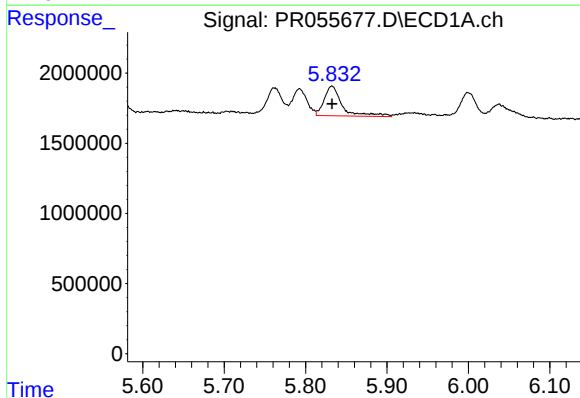
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 2648631
Conc: 42.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



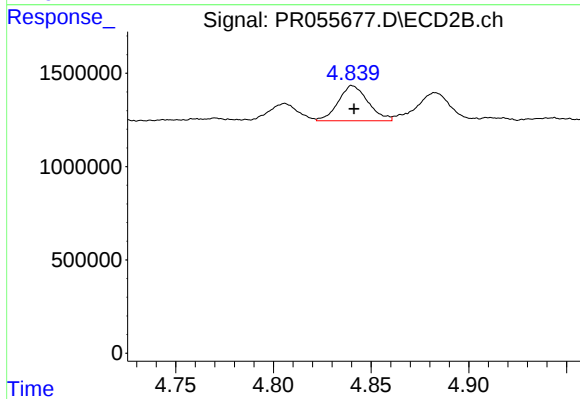
#19 AR-1242-4

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 37.92 ng/ml



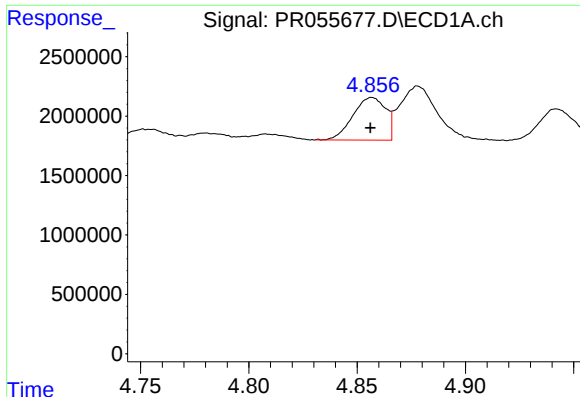
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3263595
Conc: 56.67 ng/ml



#20 AR-1242-5

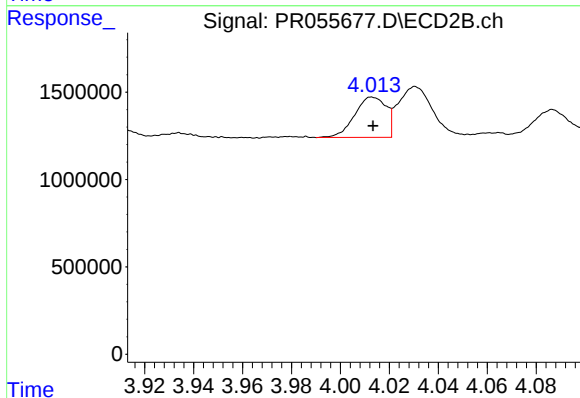
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 2001250
Conc: 40.43 ng/ml



#21 AR-1248-1

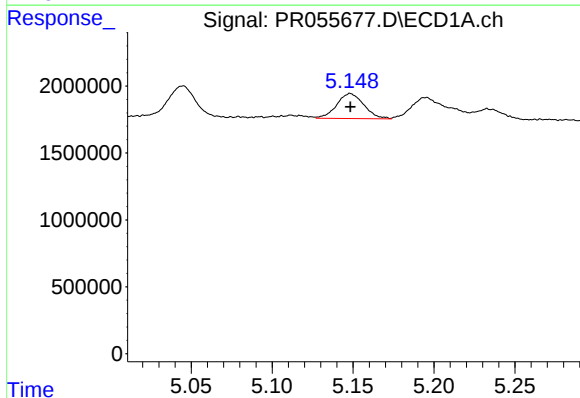
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3763481
Conc: 51.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



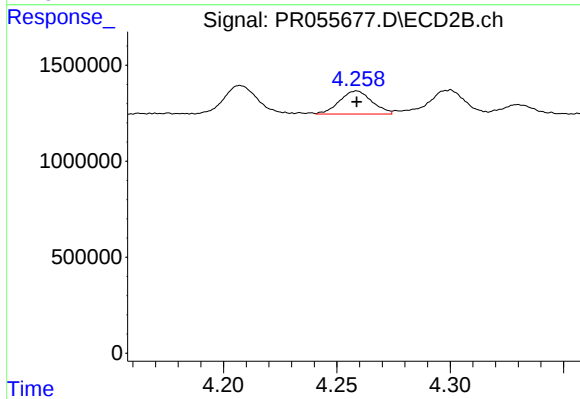
#21 AR-1248-1

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 2056725
Conc: 50.54 ng/ml



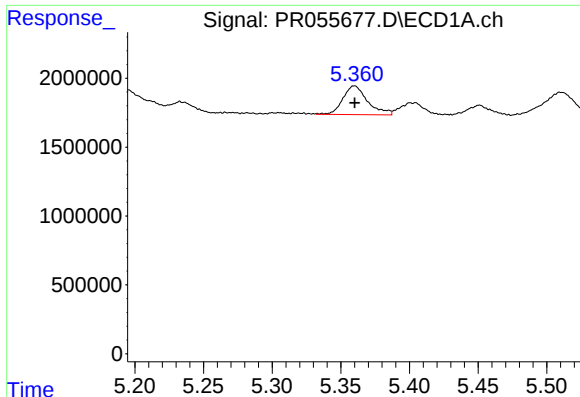
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 2196471
Conc: 24.70 ng/ml



#22 AR-1248-2

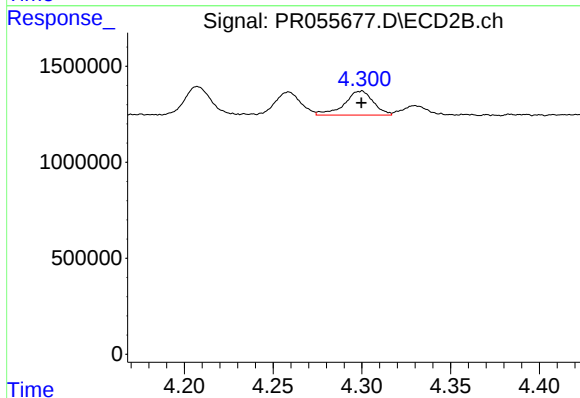
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1198957
Conc: 21.66 ng/ml



#23 AR-1248-3

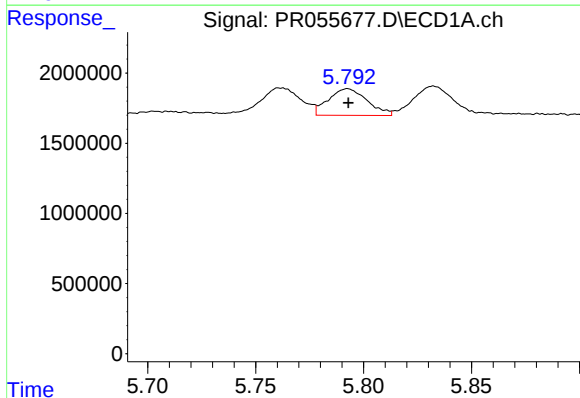
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2627744
Conc: 26.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



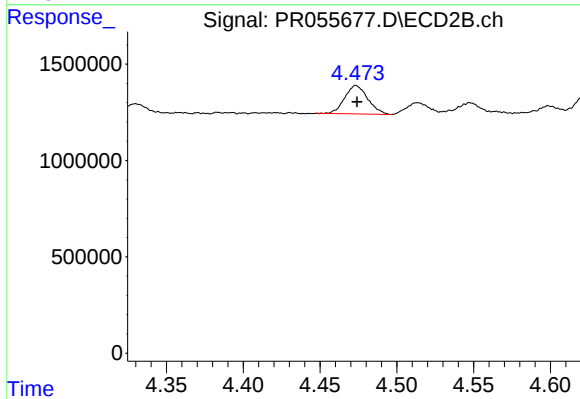
#23 AR-1248-3

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 25.39 ng/ml



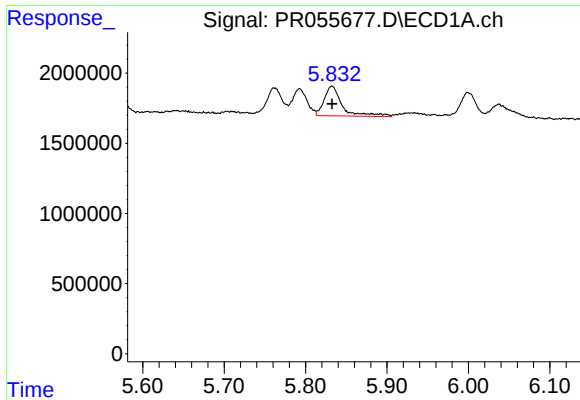
#24 AR-1248-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2375567
Conc: 24.31 ng/ml



#24 AR-1248-4

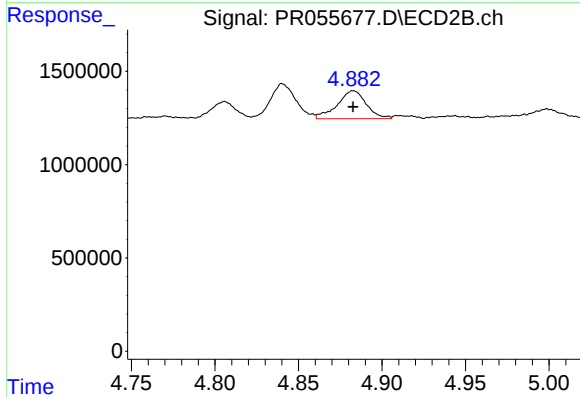
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1537906
Conc: 22.66 ng/ml



#25 AR-1248-5

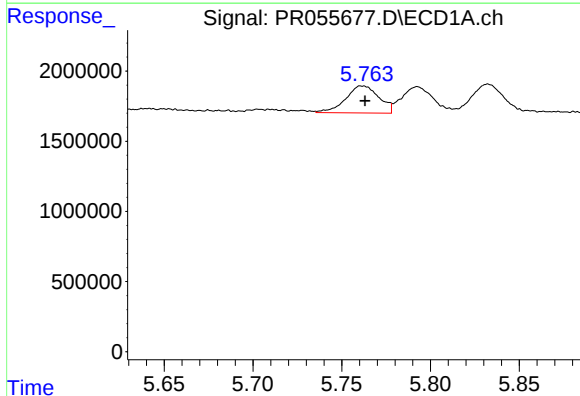
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3263595
Conc: 33.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



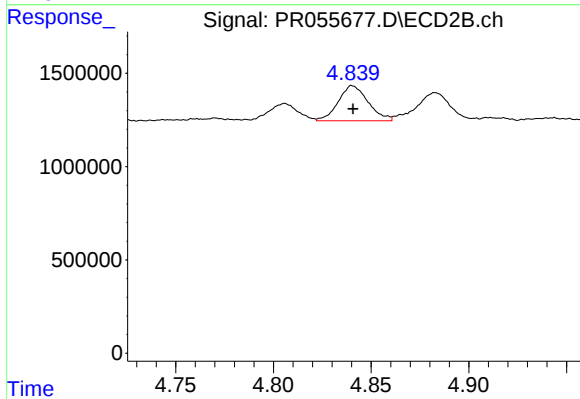
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 1808775
Conc: 25.36 ng/ml



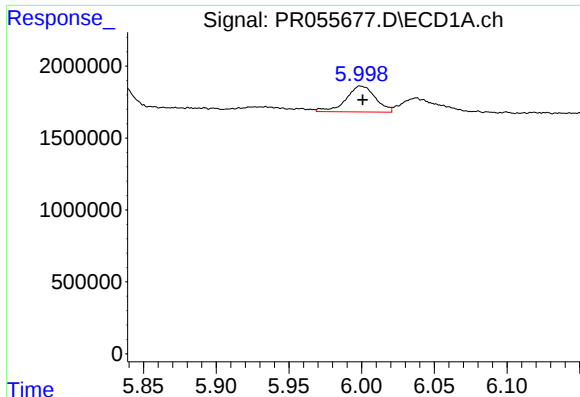
#26 AR-1254-1

R.T.: 5.762 min
Delta R.T.: -0.001 min
Response: 2515754
Conc: 24.56 ng/ml



#26 AR-1254-1

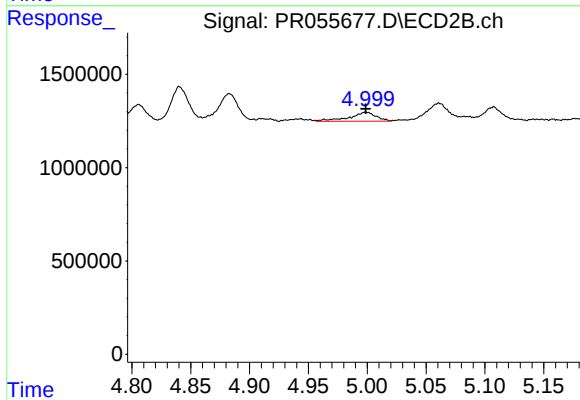
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 2001250
Conc: 18.32 ng/ml



#27 AR-1254-2

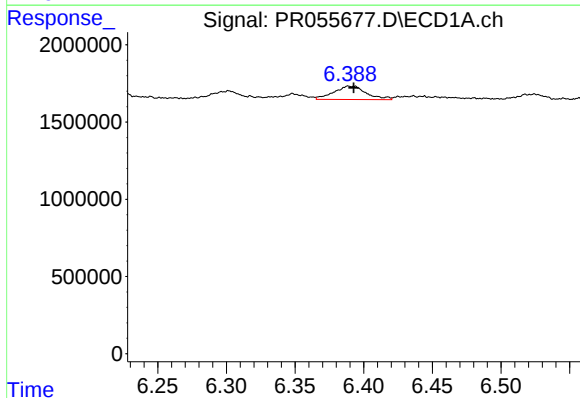
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2534117
Conc: 17.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



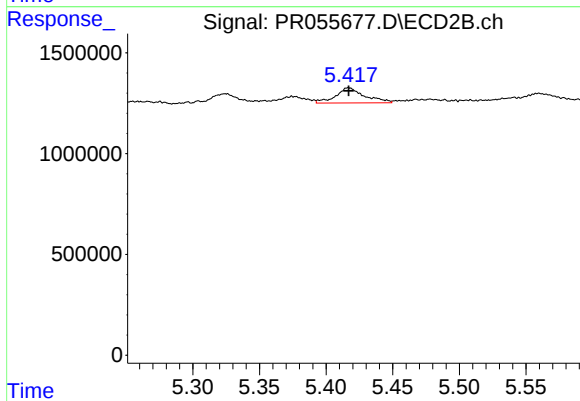
#27 AR-1254-2

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 767087
Conc: 7.92 ng/ml



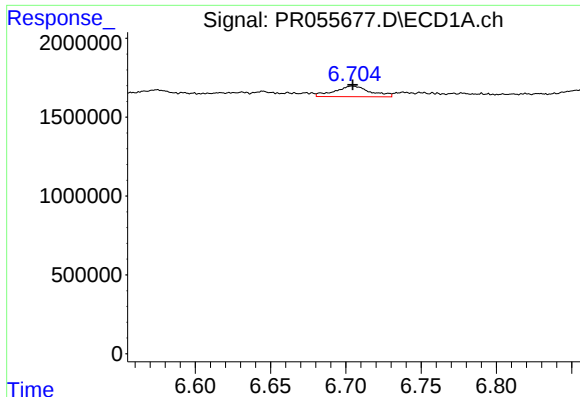
#28 AR-1254-3

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 1431664
Conc: 9.77 ng/ml



#28 AR-1254-3

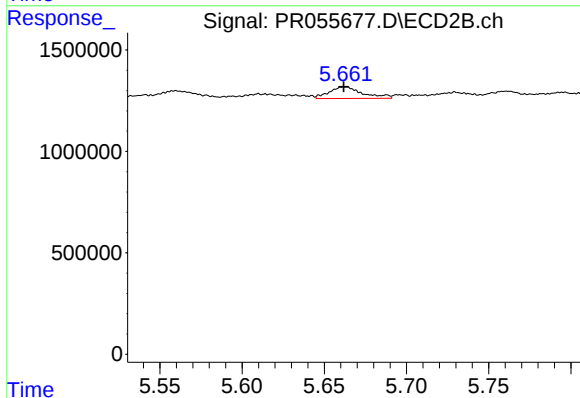
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 1132962
Conc: 7.44 ng/ml



#29 AR-1254-4

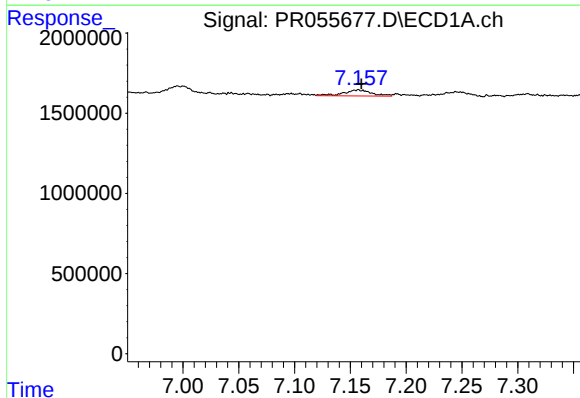
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 1108653
Conc: 10.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



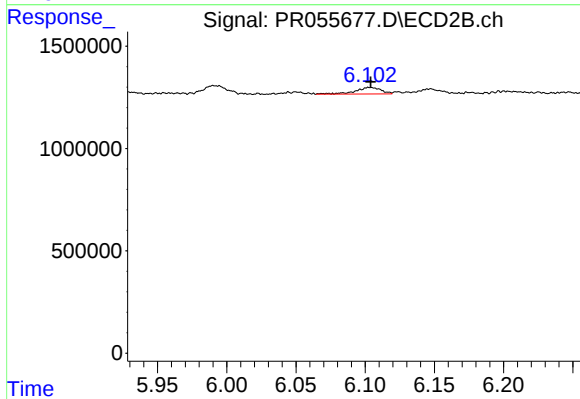
#29 AR-1254-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 824462
Conc: 8.37 ng/ml



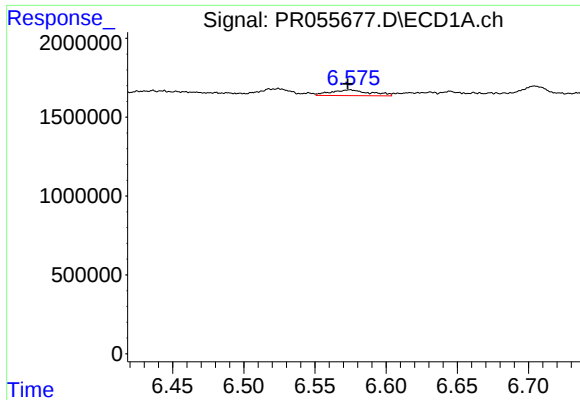
#30 AR-1254-5

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 661368
Conc: 6.10 ng/ml



#30 AR-1254-5

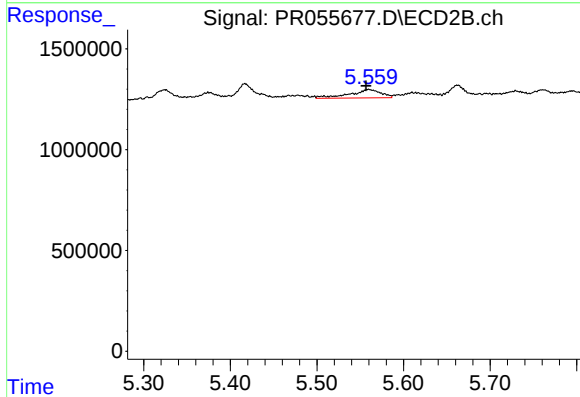
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 406543
Conc: 3.00 ng/ml



#31 AR-1260-1

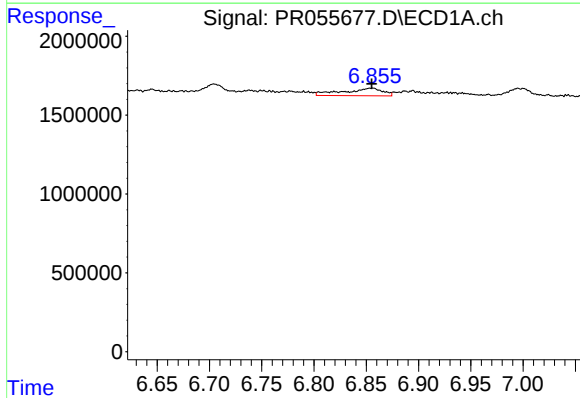
R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 698490
Conc: 6.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



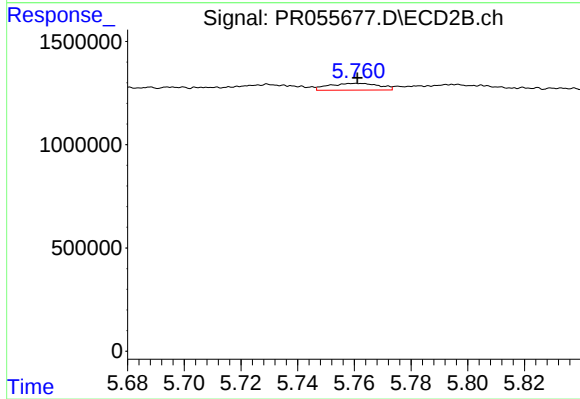
#31 AR-1260-1

R.T.: 5.560 min
Delta R.T.: 0.003 min
Response: 1049869
Conc: 10.42 ng/ml



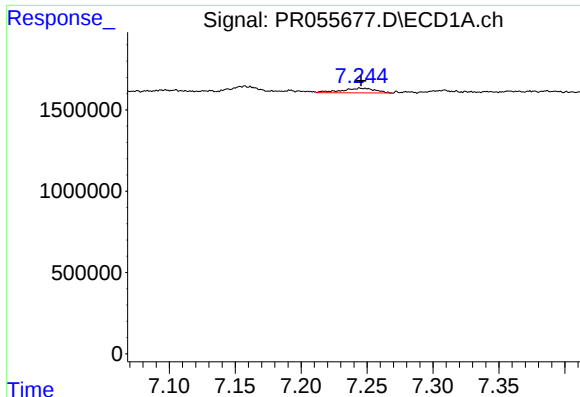
#32 AR-1260-2

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 1266265
Conc: 10.23 ng/ml



#32 AR-1260-2

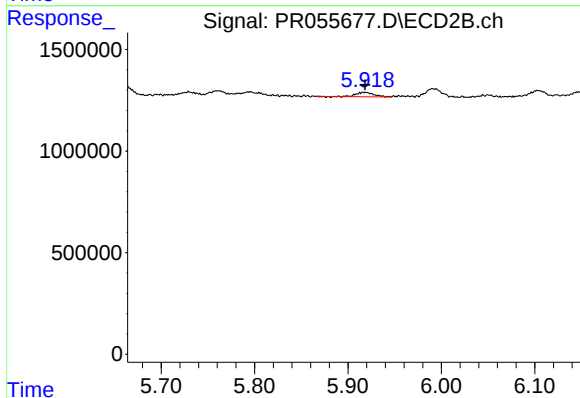
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 401502
Conc: 3.28 ng/ml



#33 AR-1260-3

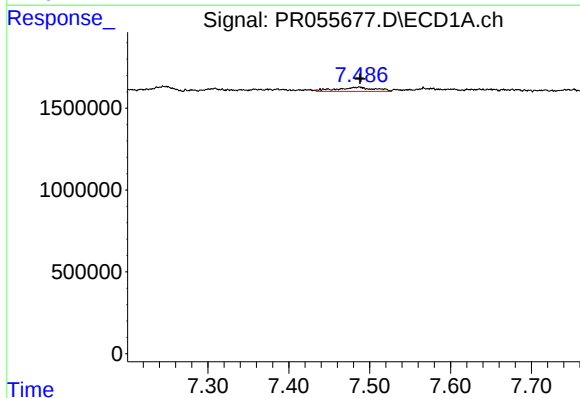
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 507351
Conc: 5.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



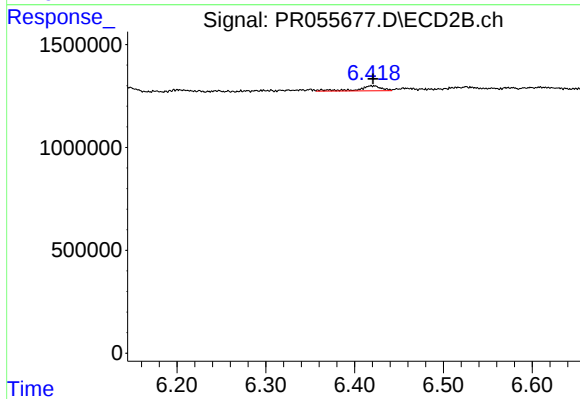
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 283668
Conc: 2.51 ng/ml



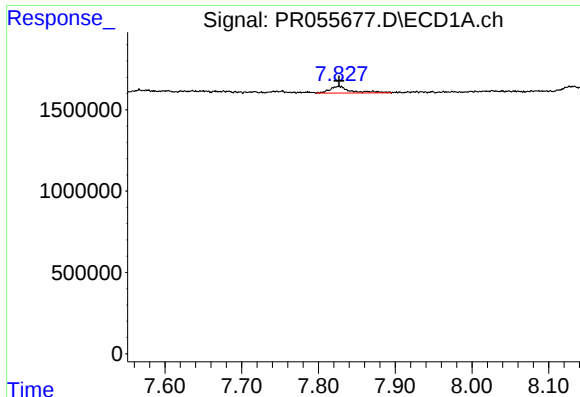
#34 AR-1260-4

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 814177
Conc: 7.93 ng/ml



#34 AR-1260-4

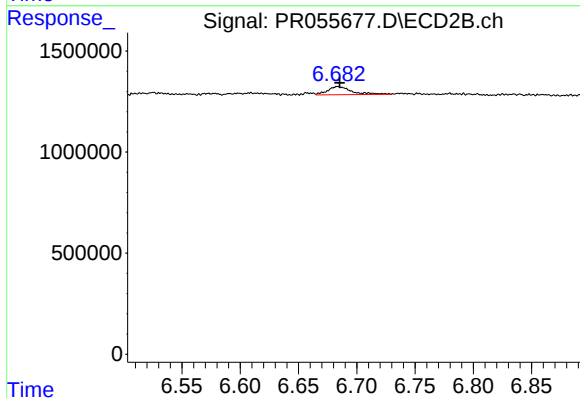
R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 440409
Conc: 4.60 ng/ml



#35 AR-1260-5

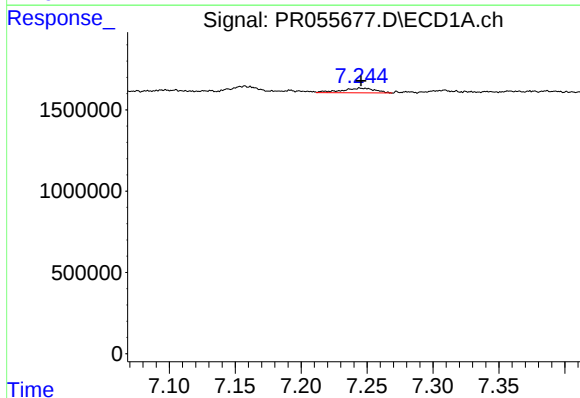
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 803088
Conc: 4.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



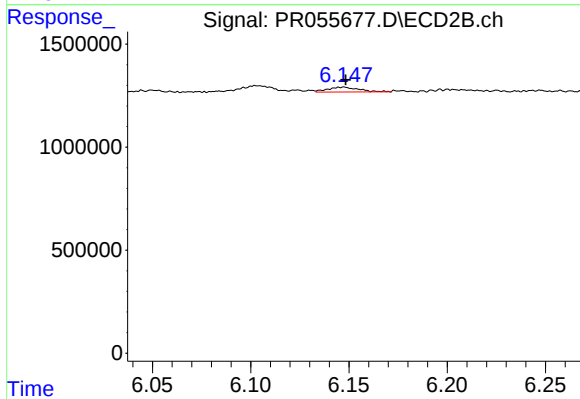
#35 AR-1260-5

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 576865
Conc: 2.57 ng/ml



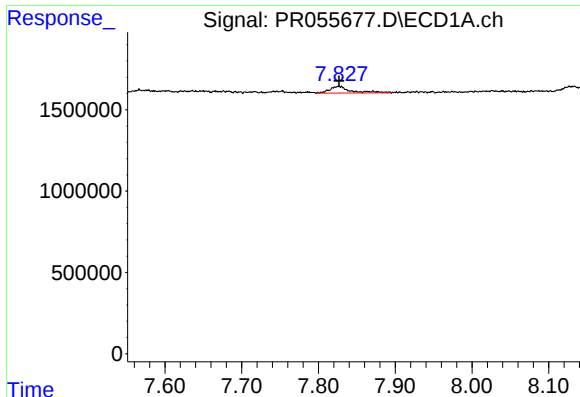
#36 AR-1262-1

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 507351
Conc: 4.08 ng/ml



#36 AR-1262-1

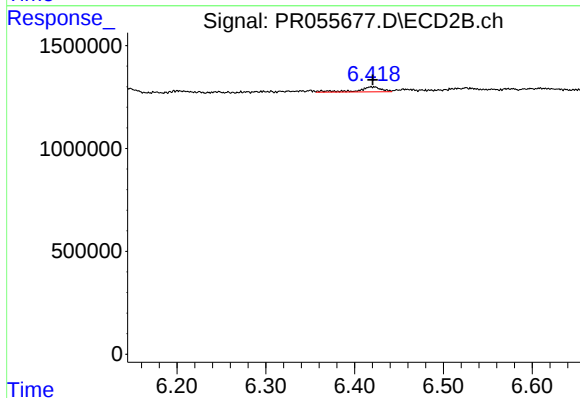
R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 258871
Conc: 1.92 ng/ml



#37 AR-1262-2

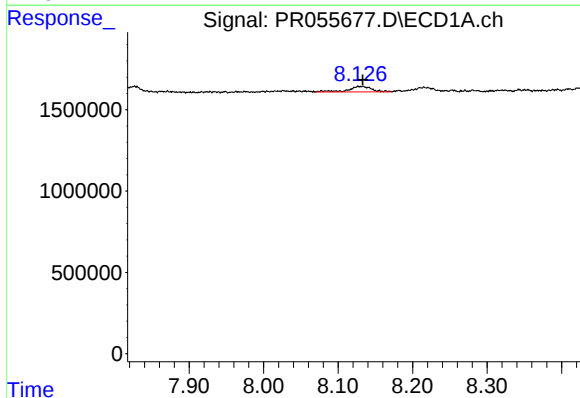
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 803088
Conc: 3.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



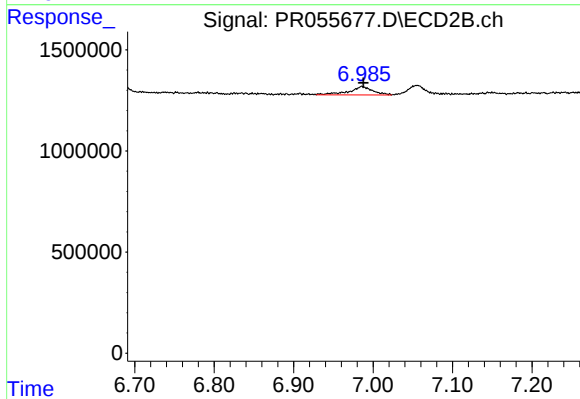
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 440409
Conc: 3.61 ng/ml



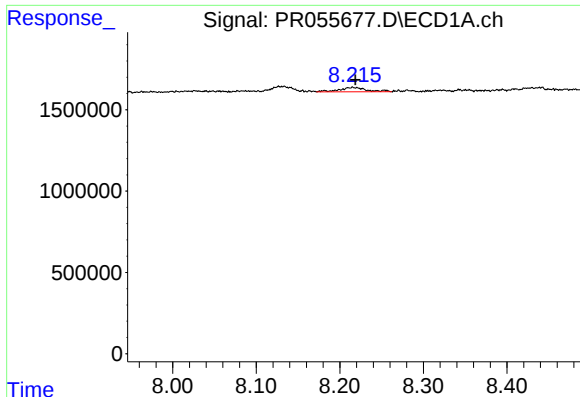
#38 AR-1262-3

R.T.: 8.130 min
Delta R.T.: -0.003 min
Response: 718392
Conc: 4.87 ng/ml



#38 AR-1262-3

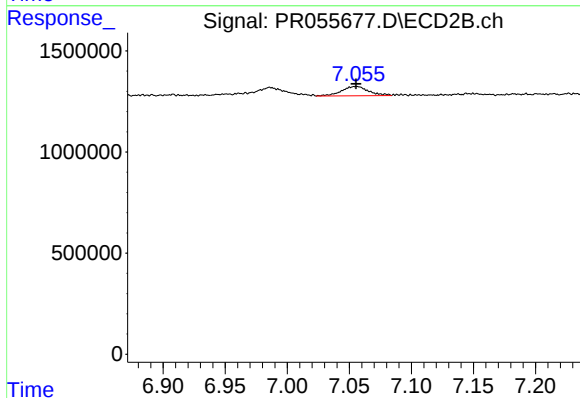
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 856908
Conc: 8.90 ng/ml



#39 AR-1262-4

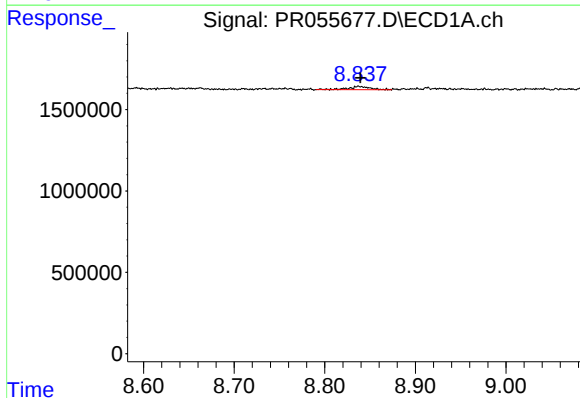
R.T.: 8.216 min
Delta R.T.: -0.003 min
Response: 607013
Conc: 9.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



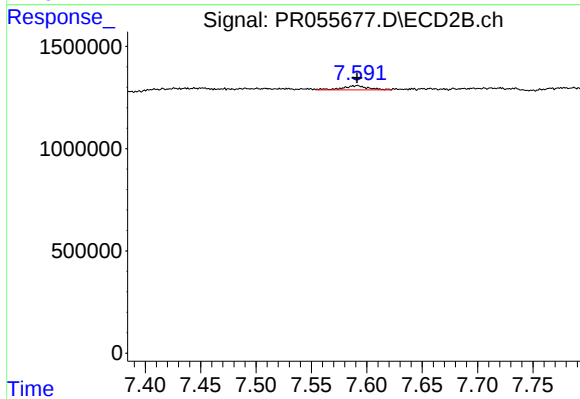
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 691611
Conc: 3.80 ng/ml



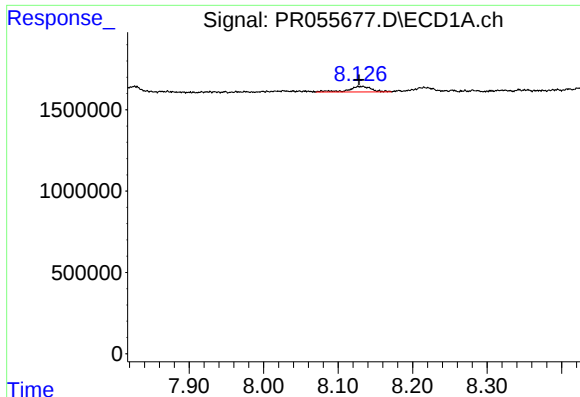
#40 AR-1262-5

R.T.: 8.838 min
Delta R.T.: -0.001 min
Response: 347023
Conc: 4.38 ng/ml



#40 AR-1262-5

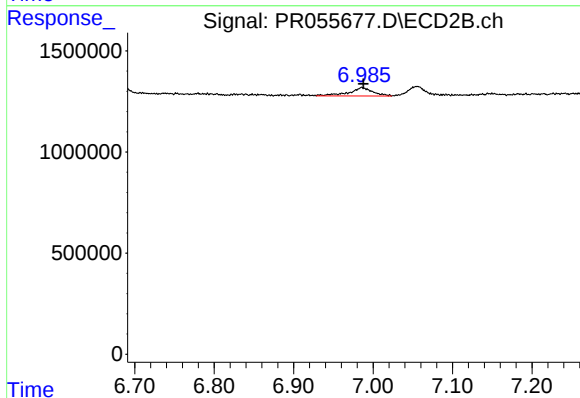
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 329633
Conc: 3.85 ng/ml



#41 AR-1268-1

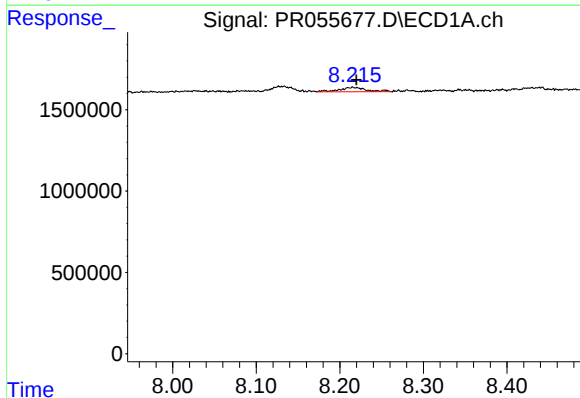
R.T.: 8.130 min
Delta R.T.: 0.002 min
Response: 718392
Conc: 2.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



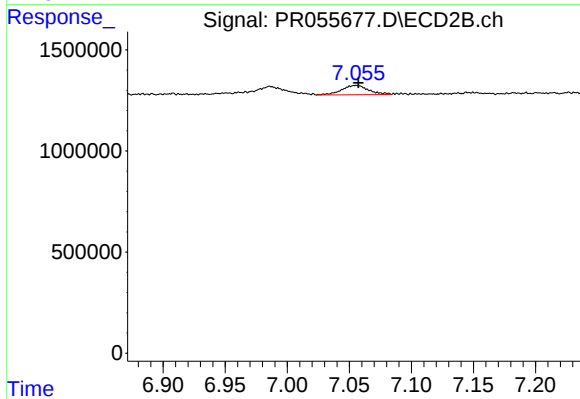
#41 AR-1268-1

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 856908
Conc: 3.05 ng/ml



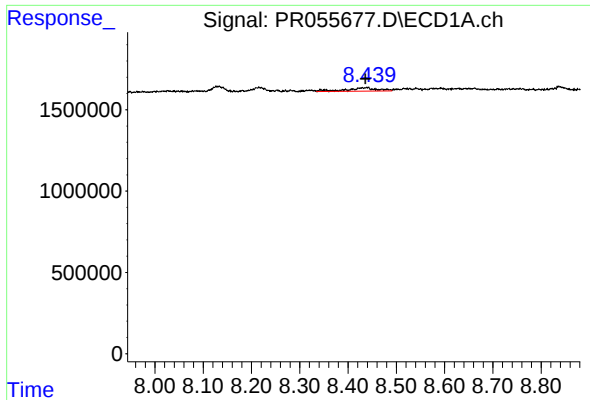
#42 AR-1268-2

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 607013
Conc: 2.66 ng/ml



#42 AR-1268-2

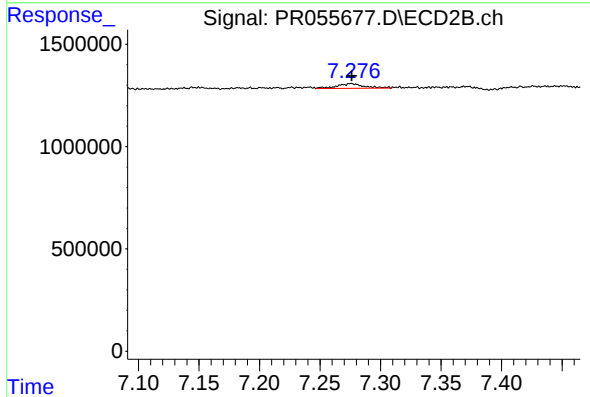
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 691611
Conc: 2.70 ng/ml



#43 AR-1268-3

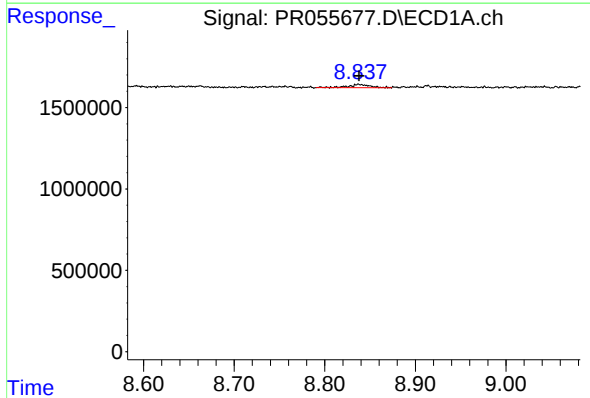
R.T.: 8.439 min
Delta R.T.: 0.003 min
Response: 918549
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



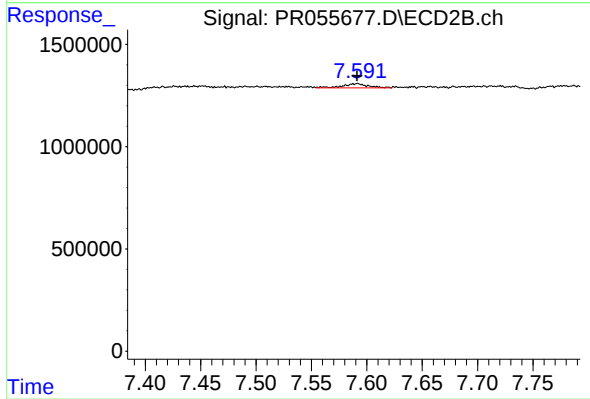
#43 AR-1268-3

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 358836
Conc: 1.67 ng/ml



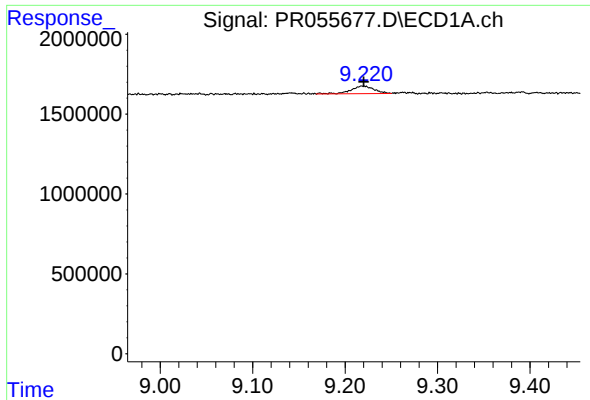
#44 AR-1268-4

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 347023
Conc: 3.93 ng/ml



#44 AR-1268-4

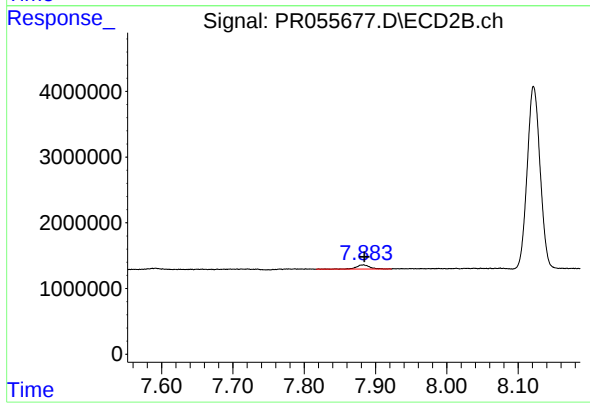
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 329633
Conc: 3.47 ng/ml



#45 AR-1268-5

R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 825345
Conc: 1.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: -0.001 min
Response: 815296
Conc: 1.20 ng/ml