

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101822\
 Data File : PR057461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2022 14:48
 Operator : AJ\MA
 Sample : N5170-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 01:46:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 13 04:58:31 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...	3.611	2.882	49220675	22507959	14.214	15.976
2)	SA Decachlor...	9.491	8.079	53976918	33640132	20.508	18.244
Target Compounds							
3)	L1 AR-1016-1	4.847	4.007f	4133784	1336216	34.180	30.116
4)	L1 AR-1016-2	4.847	4.007	4133784	1336216	23.799	18.884
5)	L1 AR-1016-3	4.911	4.191	3432769	1926592	33.743	49.915 #
6)	L1 AR-1016-4	5.037f	4.236	4678237	2151369	55.598	81.768 #
7)	L1 AR-1016-5	5.355f	4.443	6416386	641302	81.376	18.279 #
8)	L2 AR-1221-1	3.822	3.118	4003192	1003514	110.013	68.486 #
9)	L2 AR-1221-2	3.920	3.177	3367920	1854109	127.100	163.704 #
10)	L2 AR-1221-3	3.999	3.263	444349	837136	5.417	23.394 #
11)	L3 AR-1232-1	3.999	3.263	444349	837136	7.332	31.416 #
12)	L3 AR-1232-2	4.566f	4.007	3290052	1336216	95.522	47.411 #
13)	L3 AR-1232-3	4.847	4.191	4133784	1926592	60.194	120.727 #
14)	L3 AR-1232-4	5.037f	4.278	4678237	1739064	145.750	146.573
15)	L3 AR-1232-5	5.116	4.443	7209437	641302	316.166	44.531 #
16)	L4 AR-1242-1	4.847	4.007f	4133784	1336216	46.563	39.111
17)	L4 AR-1242-2	4.847	4.007	4133784	1336216	32.925	25.416
18)	L4 AR-1242-3	4.911	4.191	3432769	1926592	44.866	65.099 #
19)	L4 AR-1242-4	5.037f	4.278	4678237	1739064	75.436	71.294
20)	L4 AR-1242-5	5.813	4.804	2950335	874040	46.427	25.572 #
21)	L5 AR-1248-1	4.847	4.007f	4133784	1336216	57.877	48.665
22)	L5 AR-1248-2	5.116	4.236	7209437	2151369	82.353	61.413 #
23)	L5 AR-1248-3	5.355f	4.278	6416386	1739064	61.777	48.593
24)	L5 AR-1248-4	0.000	4.443	0	641302	N.D.	14.180 #
25)	L5 AR-1248-5	5.813	0.000	2950335	0	27.066	N.D. #
26)	L6 AR-1254-1	5.721f	4.804	14734205	874040	125.761	13.069 #
27)	L6 AR-1254-2	5.976	4.963	2688501	827440	14.977	13.785
28)	L6 AR-1254-3	6.363	5.382	10207152	789535	56.034	7.853 #
29)	L6 AR-1254-4	6.683	5.627	397465	923998	2.739	13.654 #
30)	L6 AR-1254-5	7.133	6.066	8058679	2368732	52.715	23.560 #
31)	L7 AR-1260-1	6.544	5.516	203538	384563	1.387	5.780 #
32)	L7 AR-1260-2	6.827	5.727	2757946	303237	15.718	3.318 #
33)	L7 AR-1260-3	7.221	5.877	10400755	1869731	87.377	22.134 #
34)	L7 AR-1260-4	7.477	0.000	10715083	0	82.040	N.D. #
35)	L7 AR-1260-5	7.782f	6.650	16821615	2413304	61.506	13.737 #
36)	L8 AR-1262-1	7.221	6.110	10400755	553350	57.034	5.723 #
37)	L8 AR-1262-2	7.782f	0.000	16821615	0	52.991	N.D. #
38)	L8 AR-1262-3	8.103	6.947	15217425	5987503	71.175	74.626
39)	L8 AR-1262-4	8.179	7.014	15811752	1376962	139.998	9.400 #
41)	L9 AR-1268-1	8.103	6.947	15217425	5987503	37.983	23.894 #
42)	L9 AR-1268-2	8.179	7.014	15811752	1376962	42.988	5.701 #

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 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
43) L9	AR-1268-3	8.385f	7.230	8195605	2803843	25.833	13.319 #
45) L9	AR-1268-5	9.181	7.846	1478550	450103	1.521	0.661 #

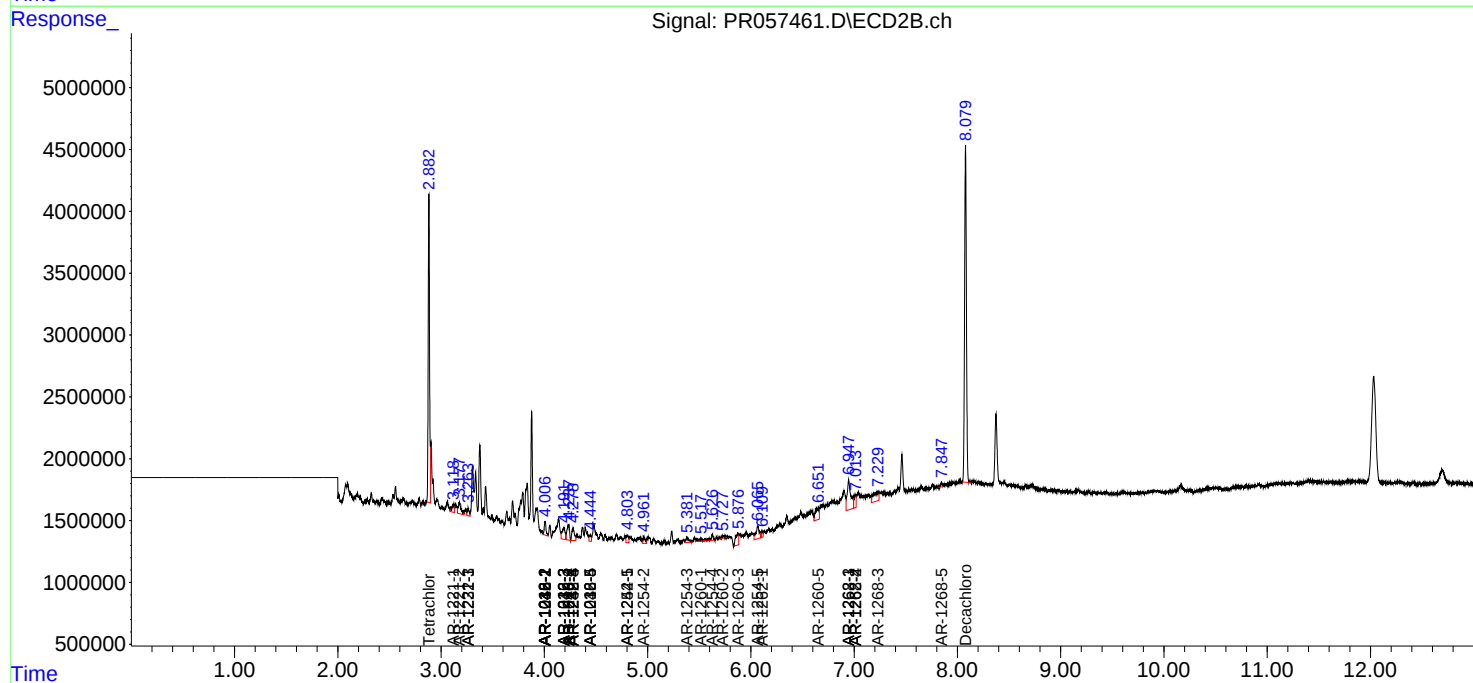
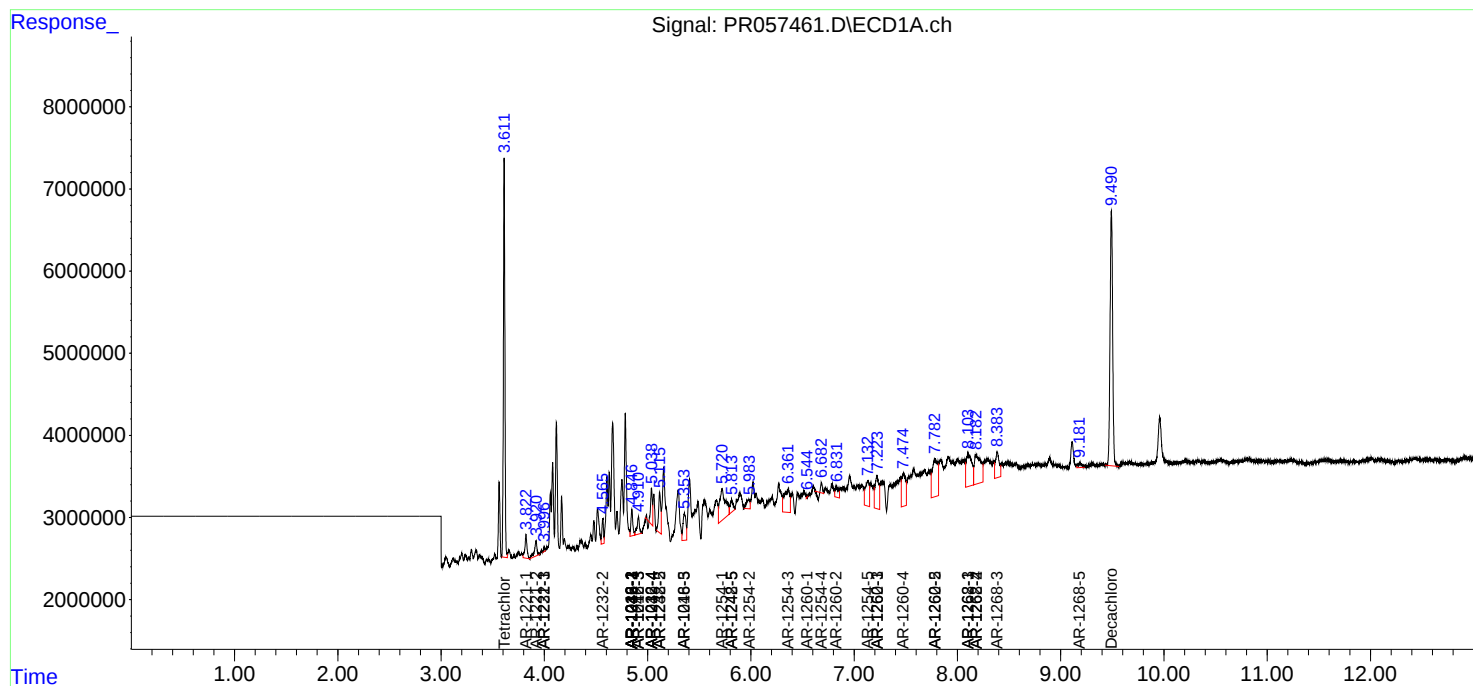
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

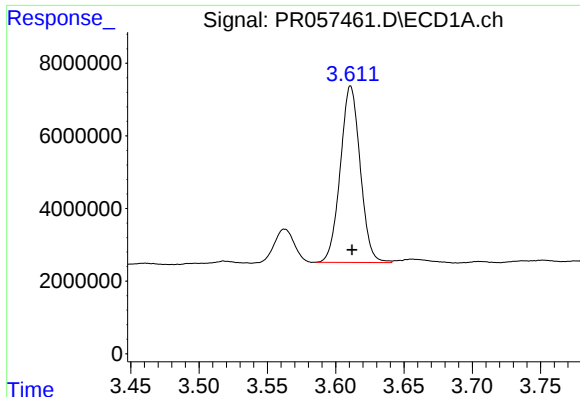
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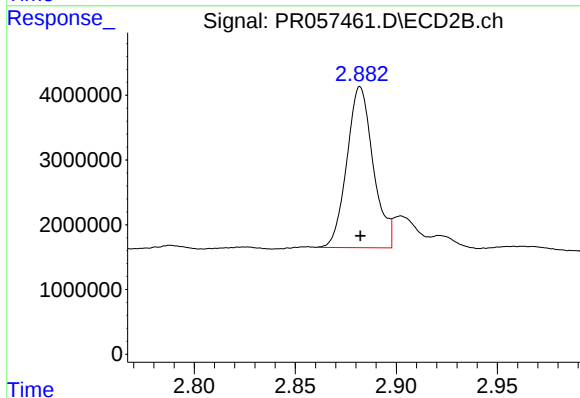




#1 Tetrachloro-m-xylene

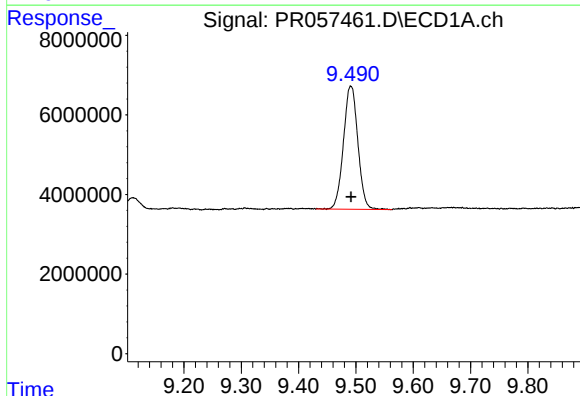
R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 49220675
Conc: 14.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



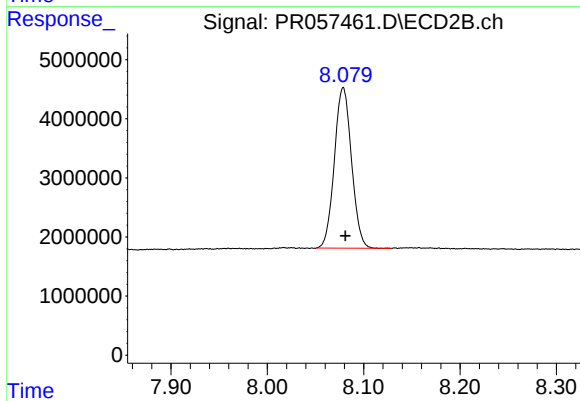
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 22507959
Conc: 15.98 ng/ml



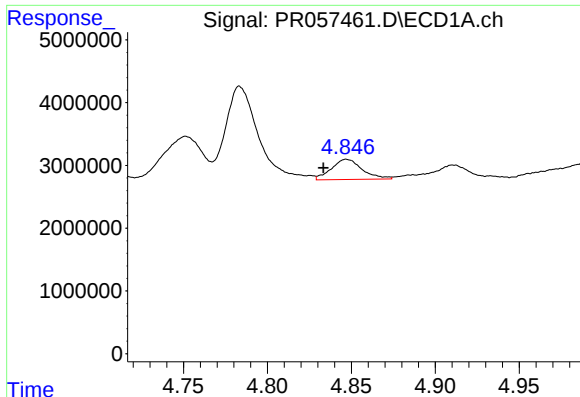
#2 Decachlorobiphenyl

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 53976918
Conc: 20.51 ng/ml



#2 Decachlorobiphenyl

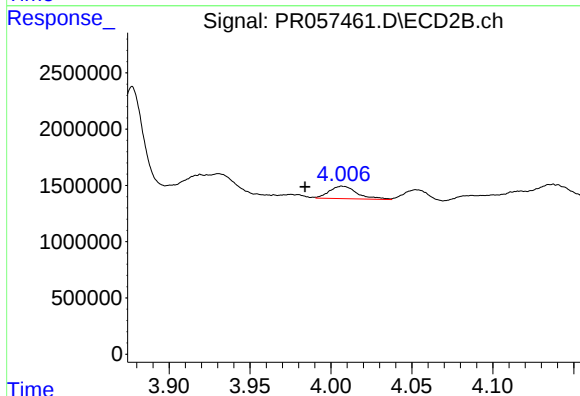
R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 33640132
Conc: 18.24 ng/ml



#3 AR-1016-1

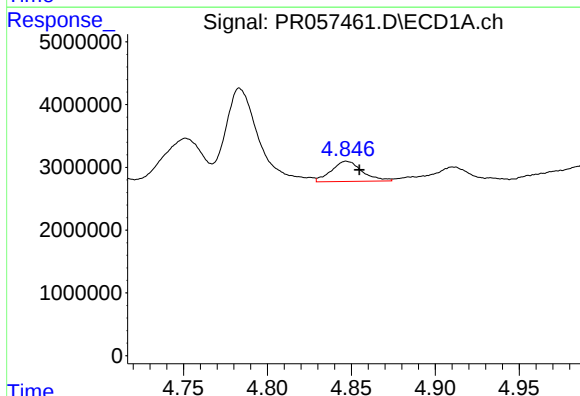
R.T.: 4.847 min
Delta R.T.: 0.014 min
Response: 4133784
Conc: 34.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



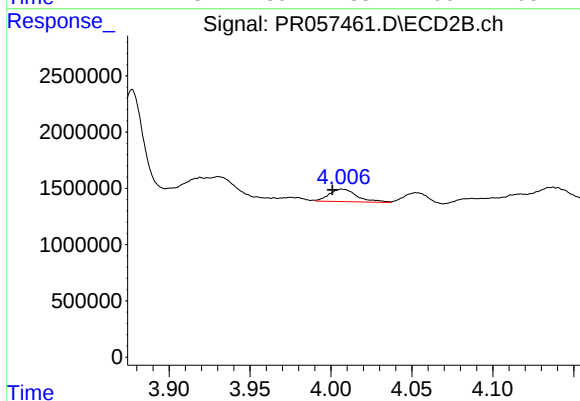
#3 AR-1016-1

R.T.: 4.007 min
Delta R.T.: 0.023 min
Response: 1336216
Conc: 30.12 ng/ml



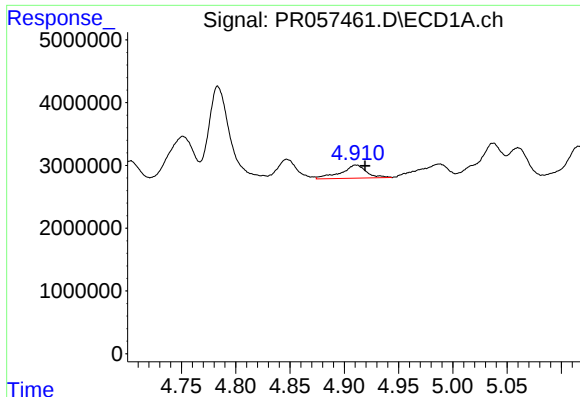
#4 AR-1016-2

R.T.: 4.847 min
Delta R.T.: -0.008 min
Response: 4133784
Conc: 23.80 ng/ml



#4 AR-1016-2

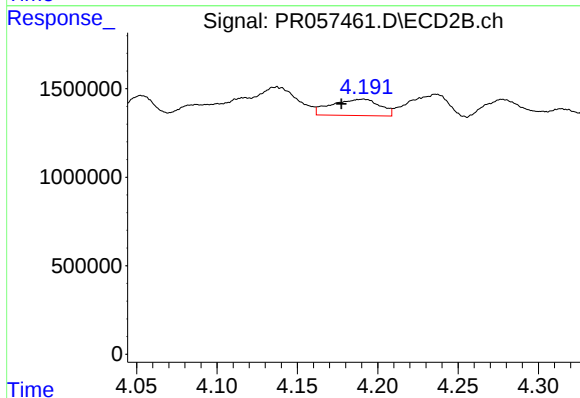
R.T.: 4.007 min
Delta R.T.: 0.006 min
Response: 1336216
Conc: 18.88 ng/ml



#5 AR-1016-3

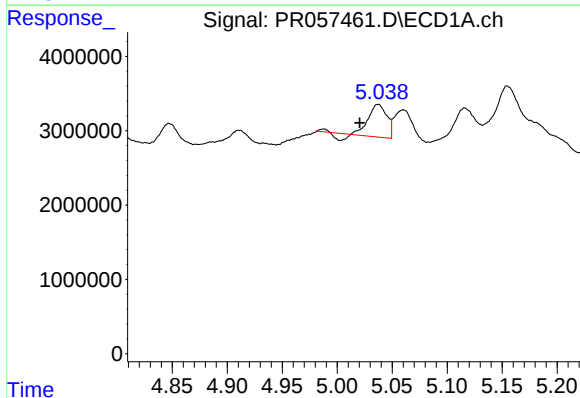
R.T.: 4.911 min
Delta R.T.: -0.008 min
Response: 3432769
Conc: 33.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



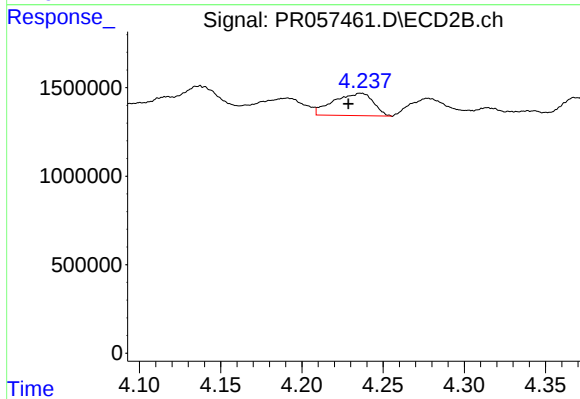
#5 AR-1016-3

R.T.: 4.191 min
Delta R.T.: 0.014 min
Response: 1926592
Conc: 49.91 ng/ml



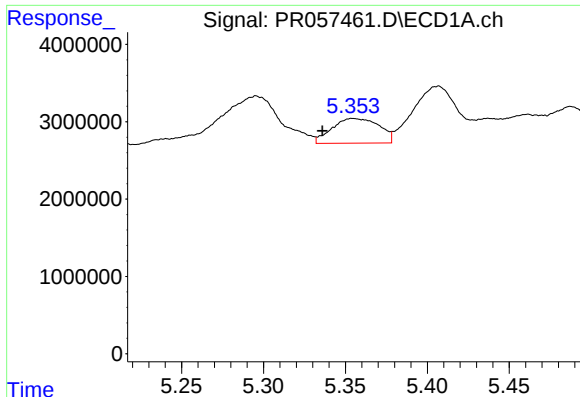
#6 AR-1016-4

R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 4678237
Conc: 55.60 ng/ml



#6 AR-1016-4

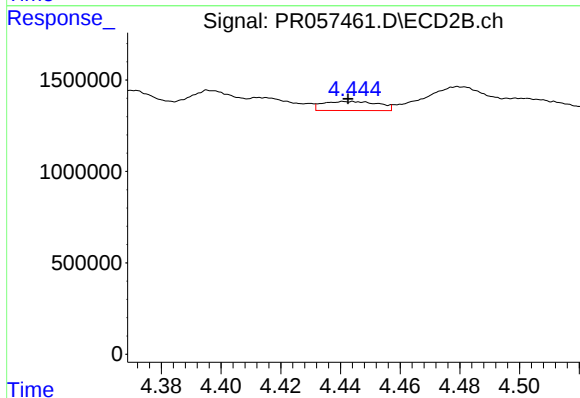
R.T.: 4.236 min
Delta R.T.: 0.008 min
Response: 2151369
Conc: 81.77 ng/ml



#7 AR-1016-5

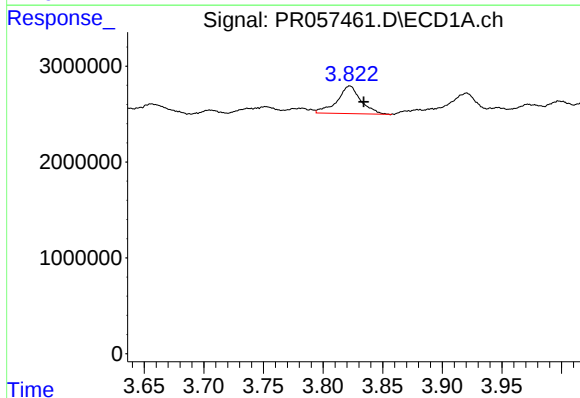
R.T.: 5.355 min
Delta R.T.: 0.019 min
Response: 6416386
Conc: 81.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



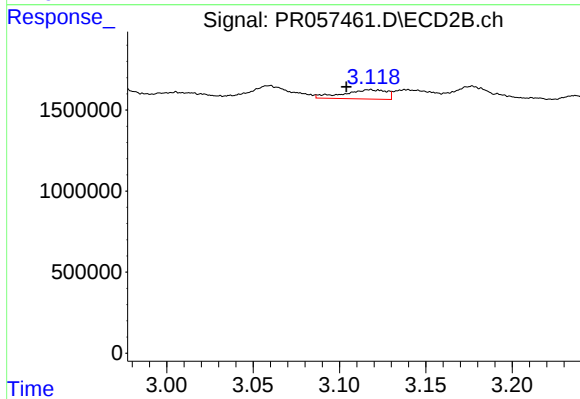
#7 AR-1016-5

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 641302
Conc: 18.28 ng/ml



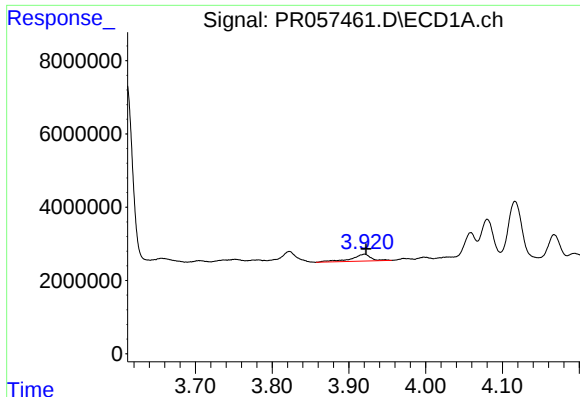
#8 AR-1221-1

R.T.: 3.822 min
Delta R.T.: -0.012 min
Response: 4003192
Conc: 110.01 ng/ml



#8 AR-1221-1

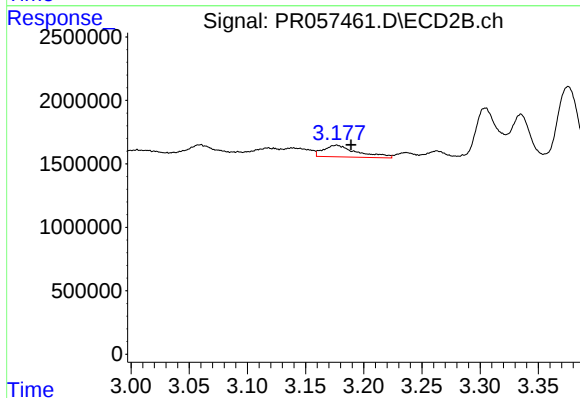
R.T.: 3.118 min
Delta R.T.: 0.014 min
Response: 1003514
Conc: 68.49 ng/ml



#9 AR-1221-2

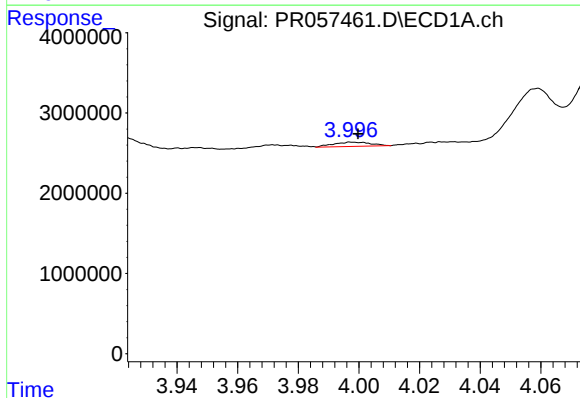
R.T.: 3.920 min
Delta R.T.: -0.003 min
Response: 3367920
Conc: 127.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



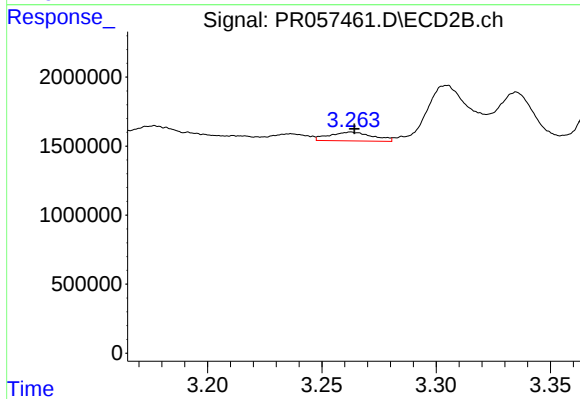
#9 AR-1221-2

R.T.: 3.177 min
Delta R.T.: -0.012 min
Response: 1854109
Conc: 163.70 ng/ml



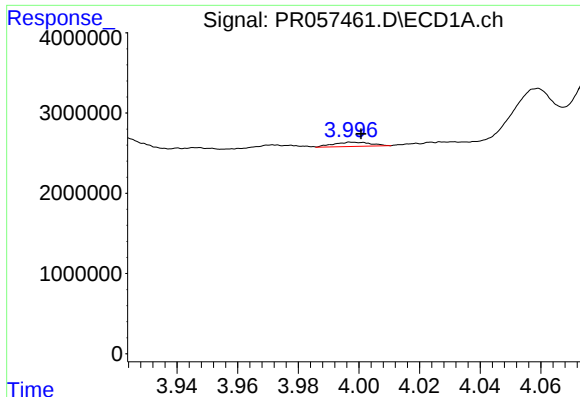
#10 AR-1221-3

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 444349
Conc: 5.42 ng/ml



#10 AR-1221-3

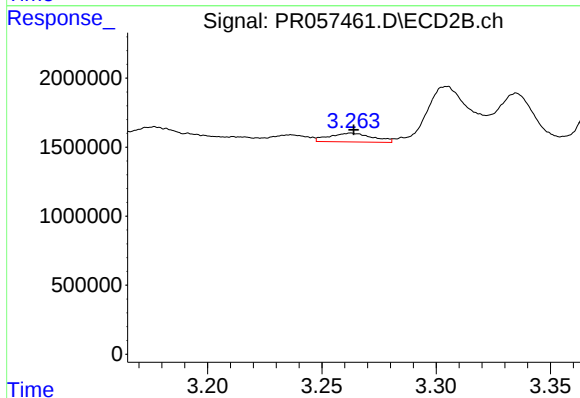
R.T.: 3.263 min
Delta R.T.: -0.002 min
Response: 837136
Conc: 23.39 ng/ml



#11 AR-1232-1

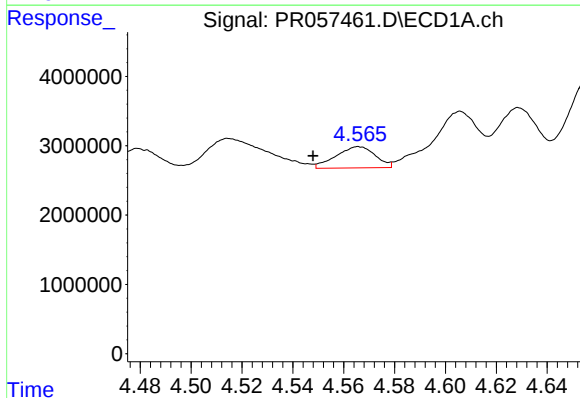
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 444349
Conc: 7.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



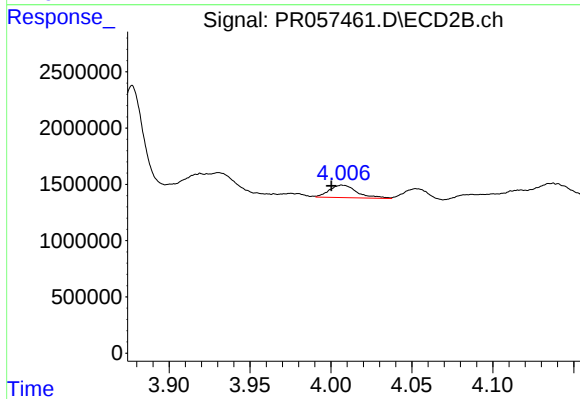
#11 AR-1232-1

R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 837136
Conc: 31.42 ng/ml



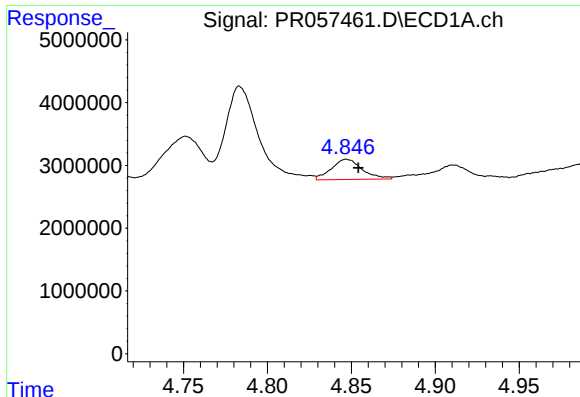
#12 AR-1232-2

R.T.: 4.566 min
Delta R.T.: 0.018 min
Response: 3290052
Conc: 95.52 ng/ml



#12 AR-1232-2

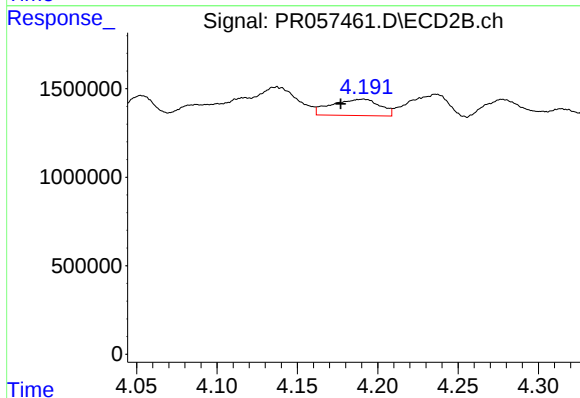
R.T.: 4.007 min
Delta R.T.: 0.007 min
Response: 1336216
Conc: 47.41 ng/ml



#13 AR-1232-3

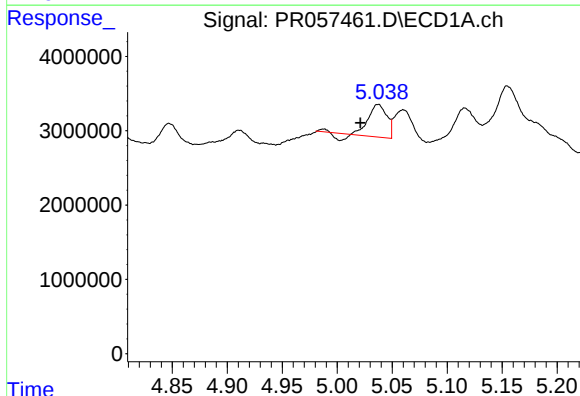
R.T.: 4.847 min
Delta R.T.: -0.007 min
Response: 4133784
Conc: 60.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



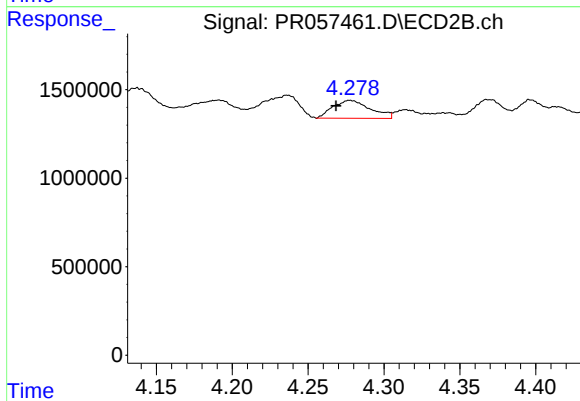
#13 AR-1232-3

R.T.: 4.191 min
Delta R.T.: 0.014 min
Response: 1926592
Conc: 120.73 ng/ml



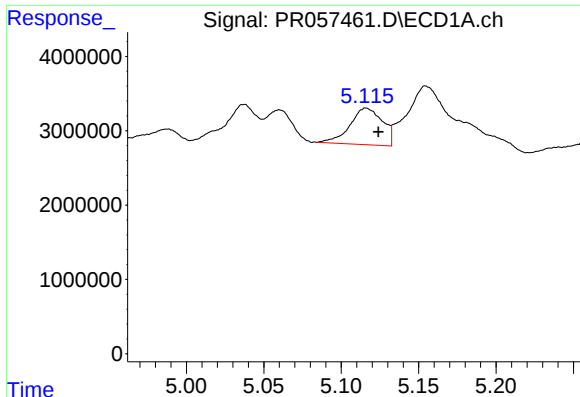
#14 AR-1232-4

R.T.: 5.037 min
Delta R.T.: 0.016 min
Response: 4678237
Conc: 145.75 ng/ml



#14 AR-1232-4

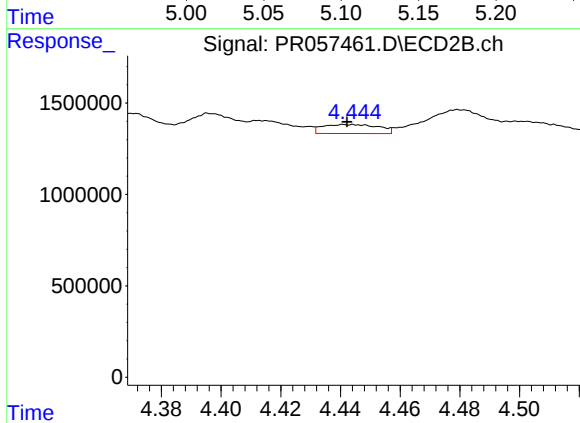
R.T.: 4.278 min
Delta R.T.: 0.009 min
Response: 1739064
Conc: 146.57 ng/ml



#15 AR-1232-5

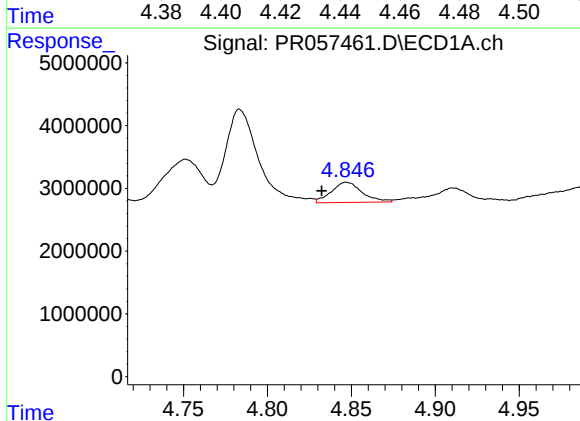
R.T.: 5.116 min
Delta R.T.: -0.008 min
Response: 7209437
Conc: 316.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



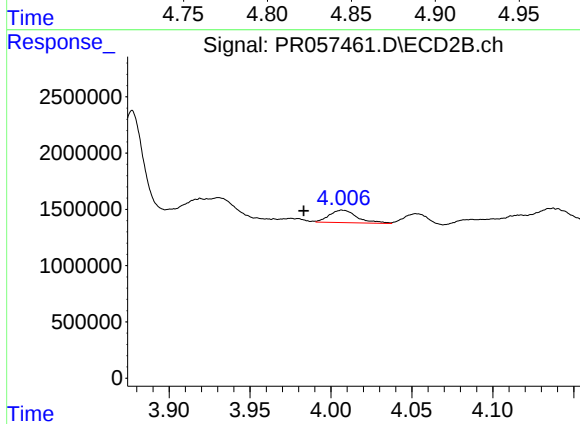
#15 AR-1232-5

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 641302
Conc: 44.53 ng/ml



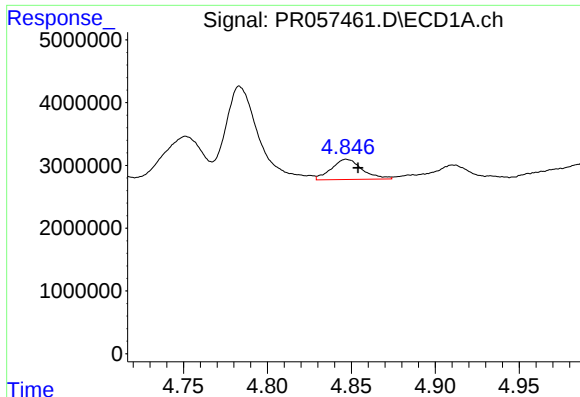
#16 AR-1242-1

R.T.: 4.847 min
Delta R.T.: 0.015 min
Response: 4133784
Conc: 46.56 ng/ml



#16 AR-1242-1

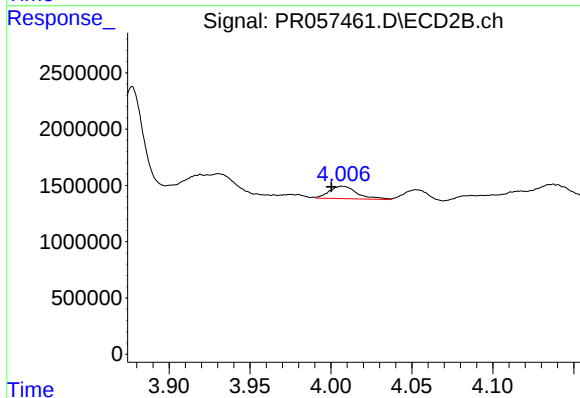
R.T.: 4.007 min
Delta R.T.: 0.024 min
Response: 1336216
Conc: 39.11 ng/ml



#17 AR-1242-2

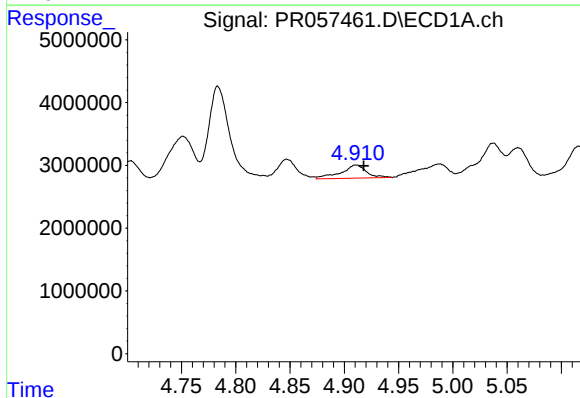
R.T.: 4.847 min
Delta R.T.: -0.007 min
Response: 4133784
Conc: 32.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



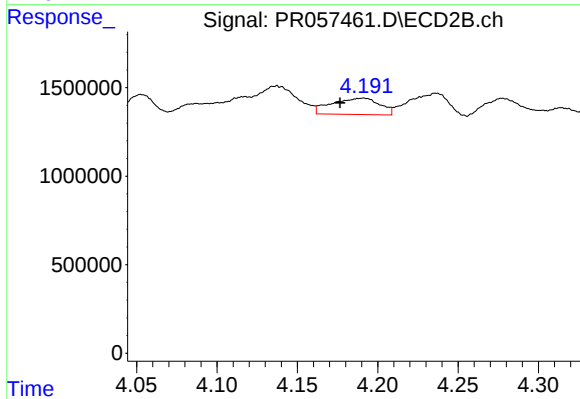
#17 AR-1242-2

R.T.: 4.007 min
Delta R.T.: 0.007 min
Response: 1336216
Conc: 25.42 ng/ml



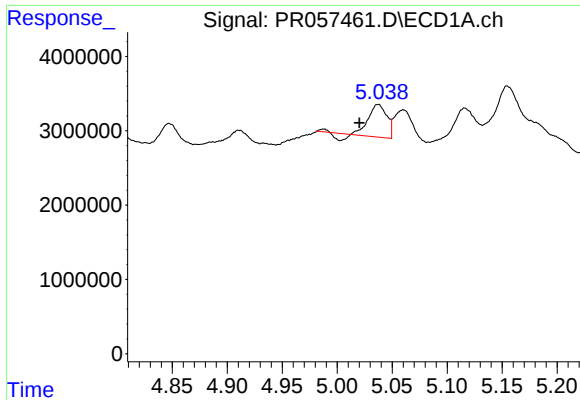
#18 AR-1242-3

R.T.: 4.911 min
Delta R.T.: -0.007 min
Response: 3432769
Conc: 44.87 ng/ml



#18 AR-1242-3

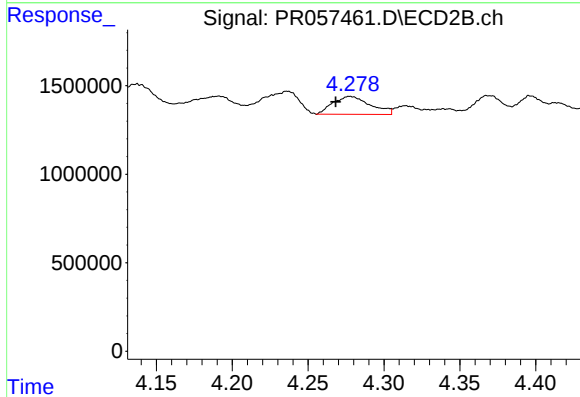
R.T.: 4.191 min
Delta R.T.: 0.014 min
Response: 1926592
Conc: 65.10 ng/ml



#19 AR-1242-4

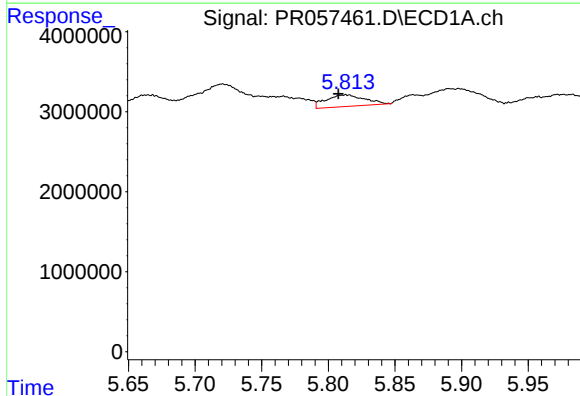
R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 4678237
Conc: 75.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



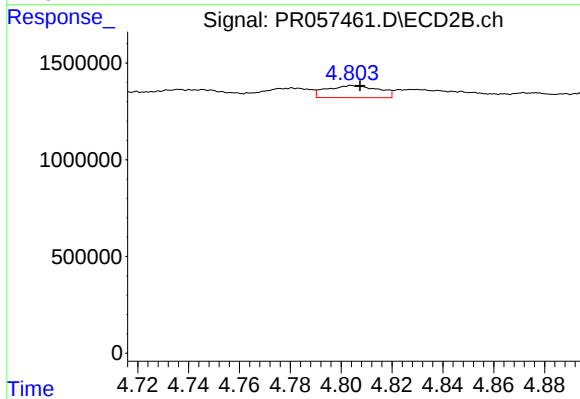
#19 AR-1242-4

R.T.: 4.278 min
Delta R.T.: 0.010 min
Response: 1739064
Conc: 71.29 ng/ml



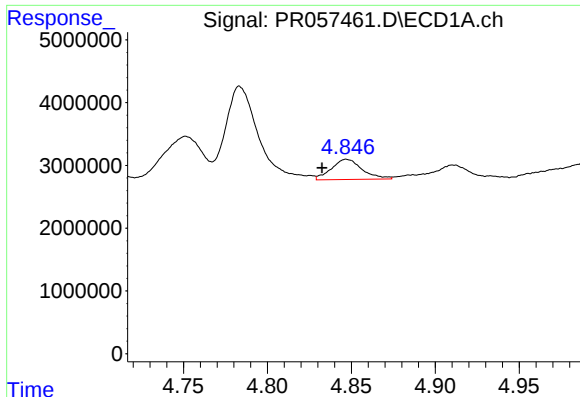
#20 AR-1242-5

R.T.: 5.813 min
Delta R.T.: 0.005 min
Response: 2950335
Conc: 46.43 ng/ml



#20 AR-1242-5

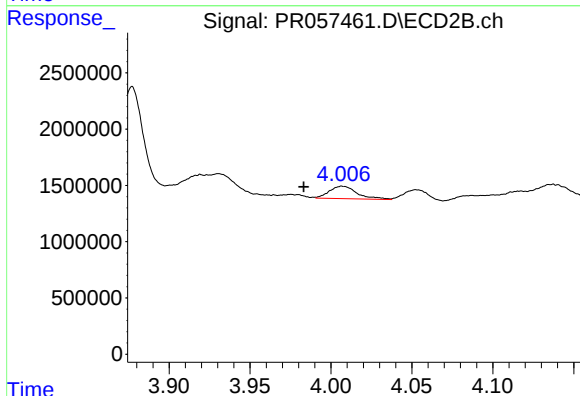
R.T.: 4.804 min
Delta R.T.: -0.003 min
Response: 874040
Conc: 25.57 ng/ml



#21 AR-1248-1

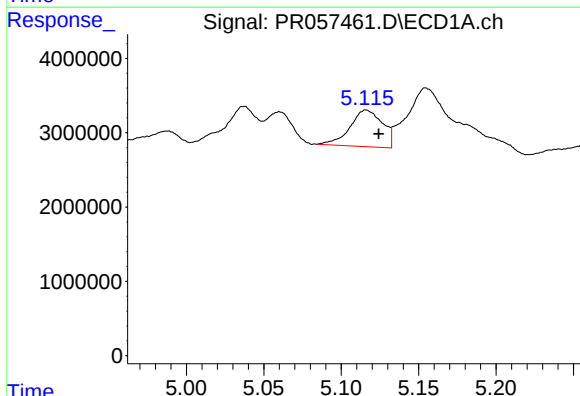
R.T.: 4.847 min
Delta R.T.: 0.015 min
Response: 4133784
Conc: 57.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



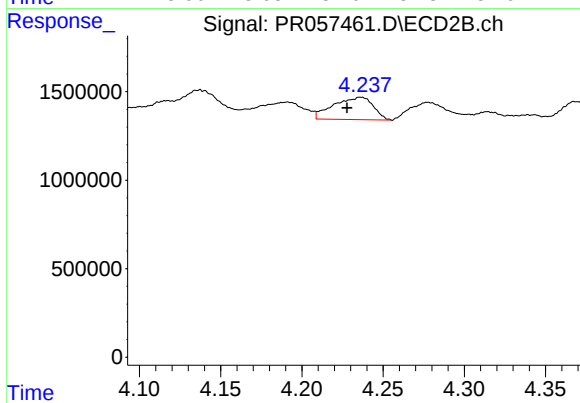
#21 AR-1248-1

R.T.: 4.007 min
Delta R.T.: 0.024 min
Response: 1336216
Conc: 48.66 ng/ml



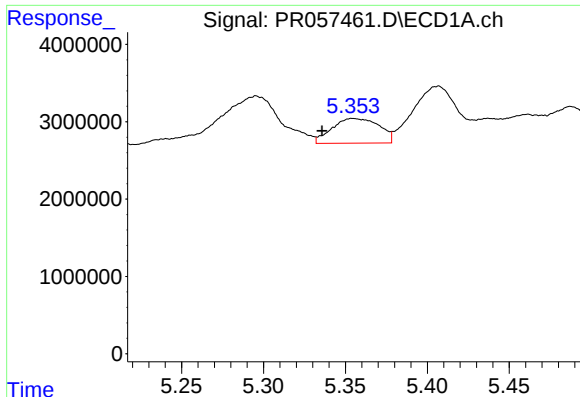
#22 AR-1248-2

R.T.: 5.116 min
Delta R.T.: -0.008 min
Response: 7209437
Conc: 82.35 ng/ml



#22 AR-1248-2

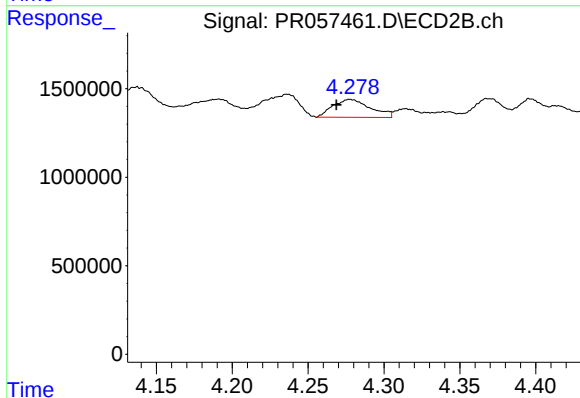
R.T.: 4.236 min
Delta R.T.: 0.008 min
Response: 2151369
Conc: 61.41 ng/ml



#23 AR-1248-3

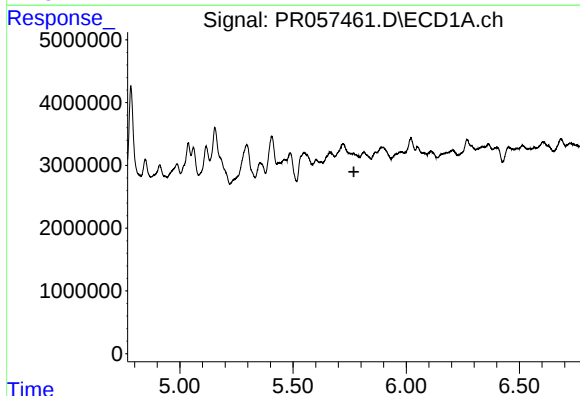
R.T.: 5.355 min
Delta R.T.: 0.019 min
Response: 6416386
Conc: 61.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



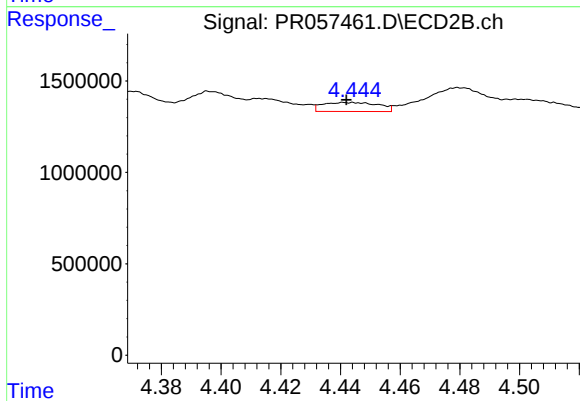
#23 AR-1248-3

R.T.: 4.278 min
Delta R.T.: 0.009 min
Response: 1739064
Conc: 48.59 ng/ml



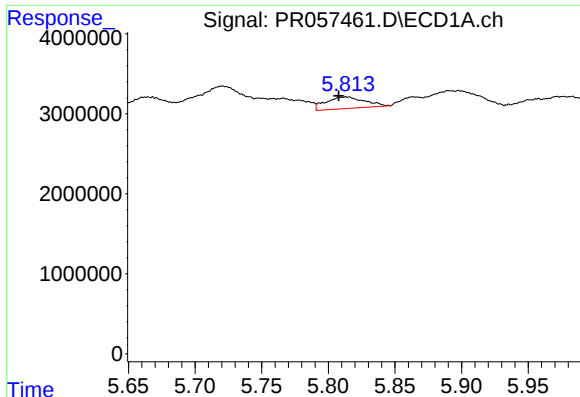
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.769 min
Response: 0
Conc: N.D.



#24 AR-1248-4

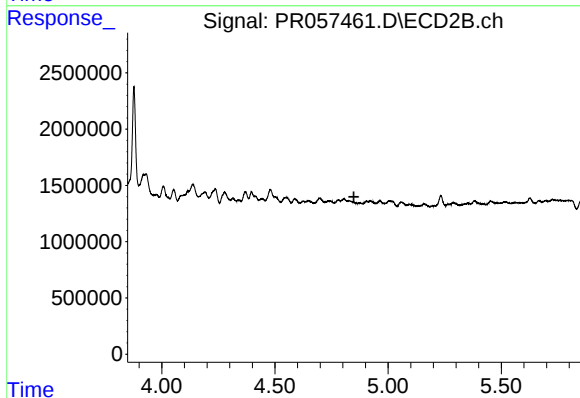
R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 641302
Conc: 14.18 ng/ml



#25 AR-1248-5

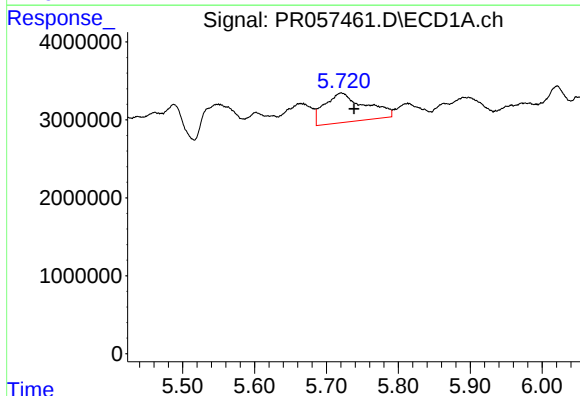
R.T.: 5.813 min
Delta R.T.: 0.005 min
Response: 2950335
Conc: 27.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



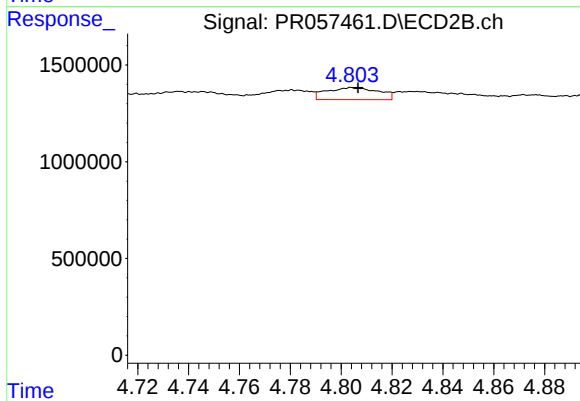
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 4.849 min
Response: 0
Conc: N.D.



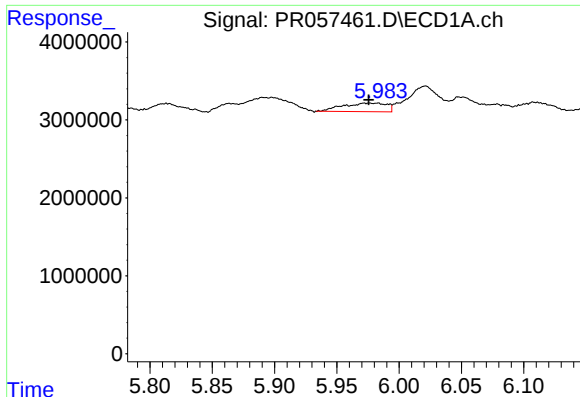
#26 AR-1254-1

R.T.: 5.721 min
Delta R.T.: -0.018 min
Response: 14734205
Conc: 125.76 ng/ml



#26 AR-1254-1

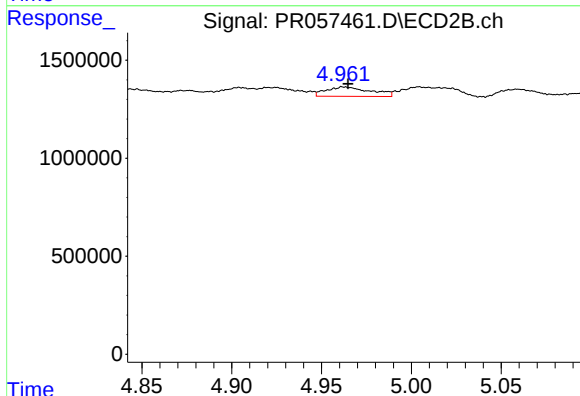
R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 874040
Conc: 13.07 ng/ml



#27 AR-1254-2

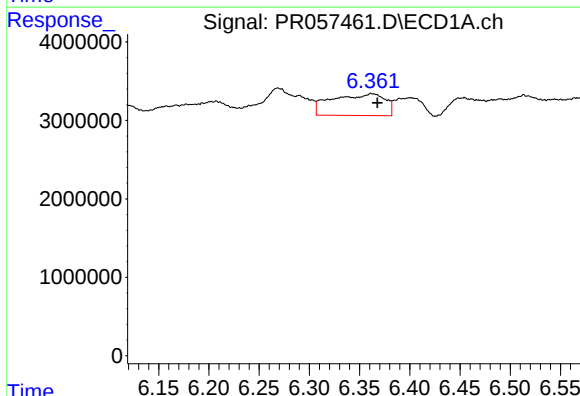
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2688501
Conc: 14.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



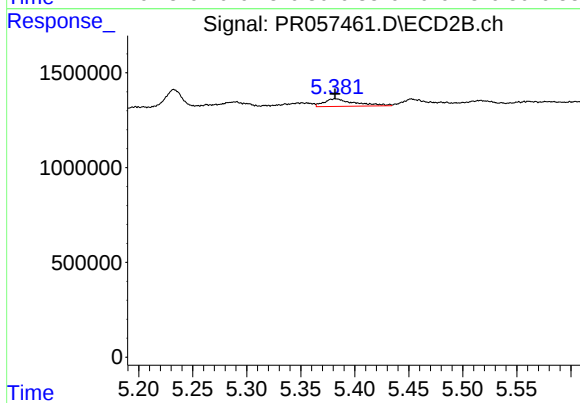
#27 AR-1254-2

R.T.: 4.963 min
Delta R.T.: -0.002 min
Response: 827440
Conc: 13.78 ng/ml



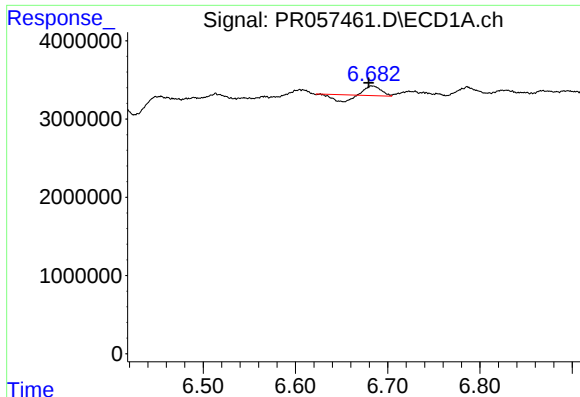
#28 AR-1254-3

R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 10207152
Conc: 56.03 ng/ml



#28 AR-1254-3

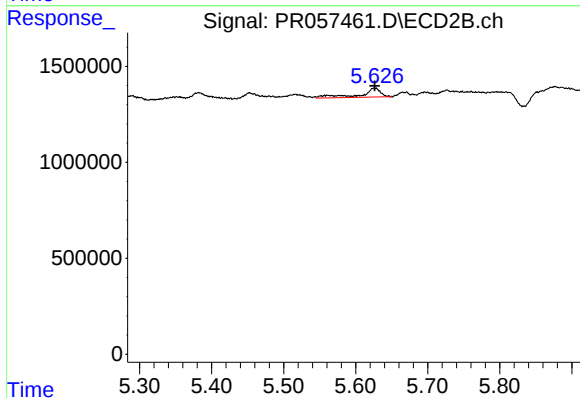
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 789535
Conc: 7.85 ng/ml



#29 AR-1254-4

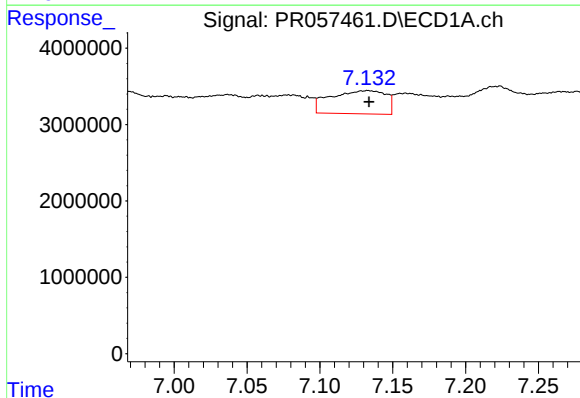
R.T.: 6.683 min
Delta R.T.: 0.004 min
Response: 397465
Conc: 2.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



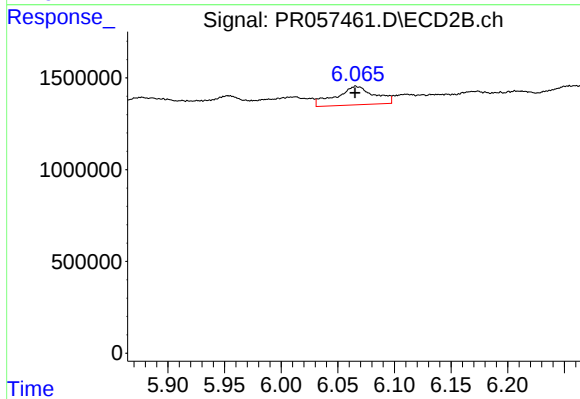
#29 AR-1254-4

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 923998
Conc: 13.65 ng/ml



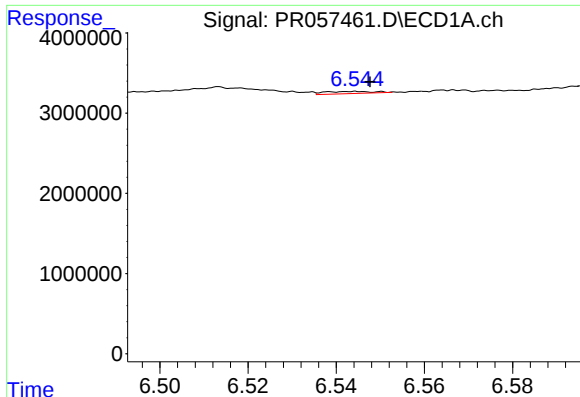
#30 AR-1254-5

R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 8058679
Conc: 52.72 ng/ml



#30 AR-1254-5

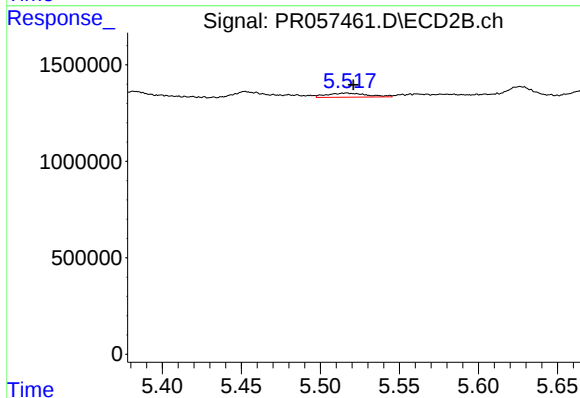
R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2368732
Conc: 23.56 ng/ml



#31 AR-1260-1

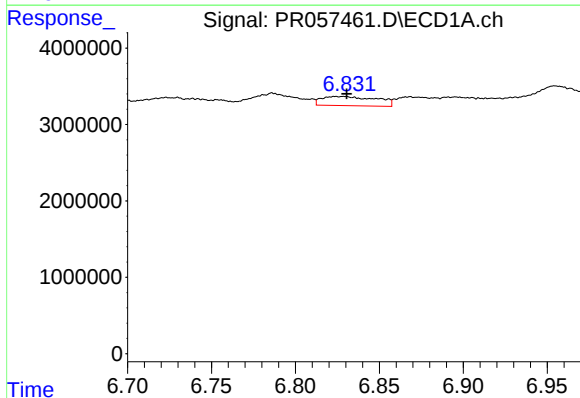
R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 203538
Conc: 1.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



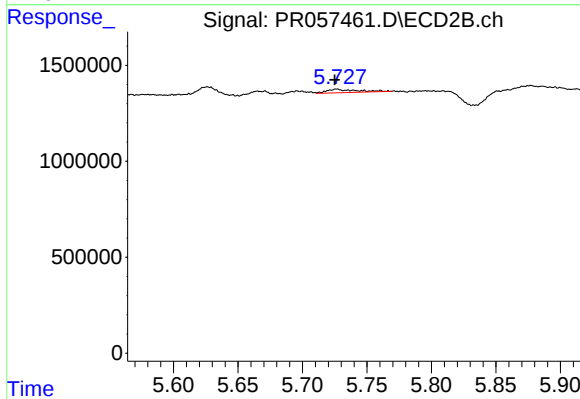
#31 AR-1260-1

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 384563
Conc: 5.78 ng/ml



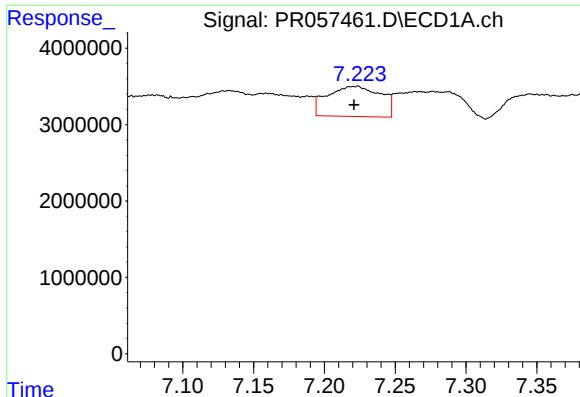
#32 AR-1260-2

R.T.: 6.827 min
Delta R.T.: -0.004 min
Response: 2757946
Conc: 15.72 ng/ml



#32 AR-1260-2

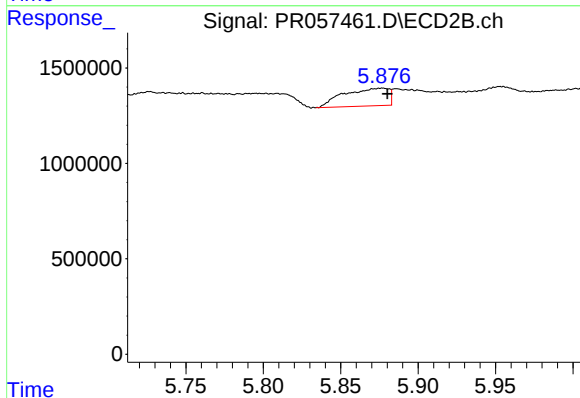
R.T.: 5.727 min
Delta R.T.: 0.002 min
Response: 303237
Conc: 3.32 ng/ml



#33 AR-1260-3

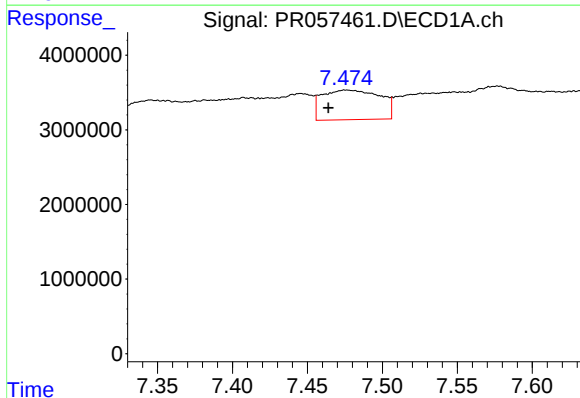
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 10400755
Conc: 87.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



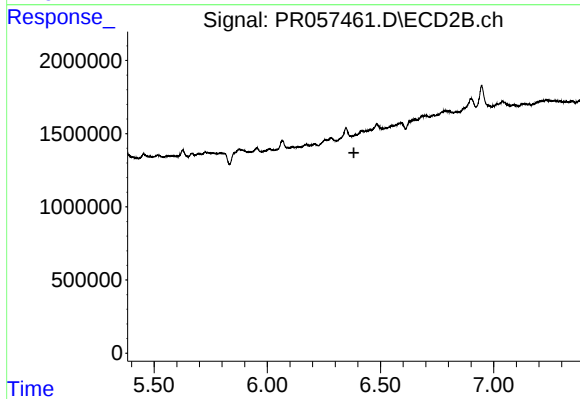
#33 AR-1260-3

R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 1869731
Conc: 22.13 ng/ml



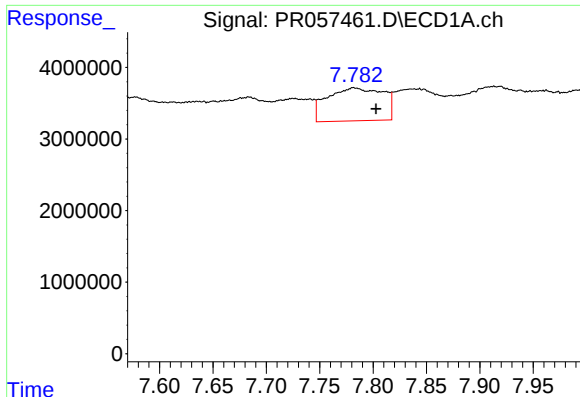
#34 AR-1260-4

R.T.: 7.477 min
Delta R.T.: 0.013 min
Response: 10715083
Conc: 82.04 ng/ml



#34 AR-1260-4

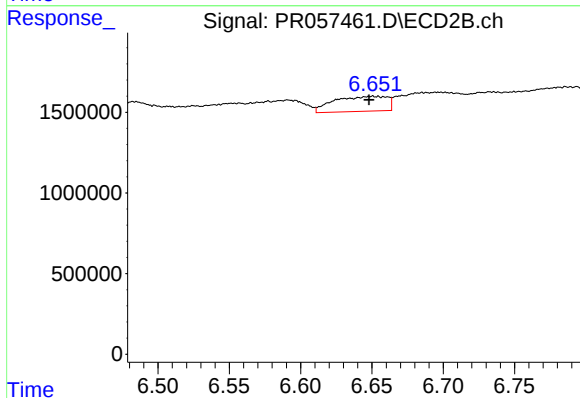
R.T.: 0.000 min
Exp R.T.: 6.383 min
Response: 0
Conc: N.D.



#35 AR-1260-5

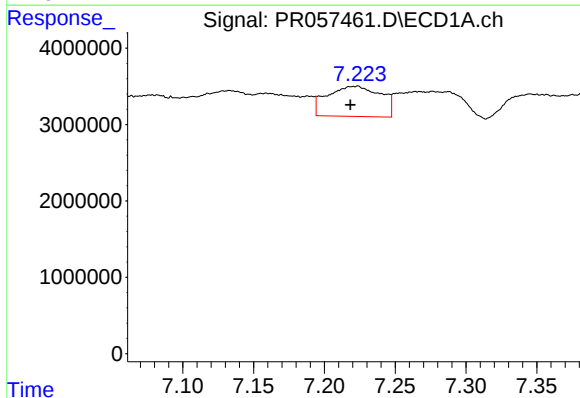
R.T.: 7.782 min
Delta R.T.: -0.020 min
Response: 16821615
Conc: 61.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



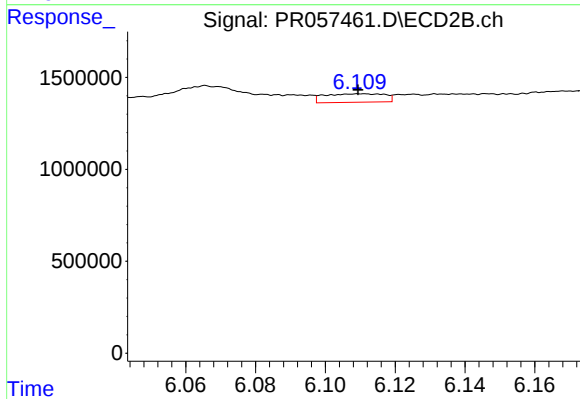
#35 AR-1260-5

R.T.: 6.650 min
Delta R.T.: 0.002 min
Response: 2413304
Conc: 13.74 ng/ml



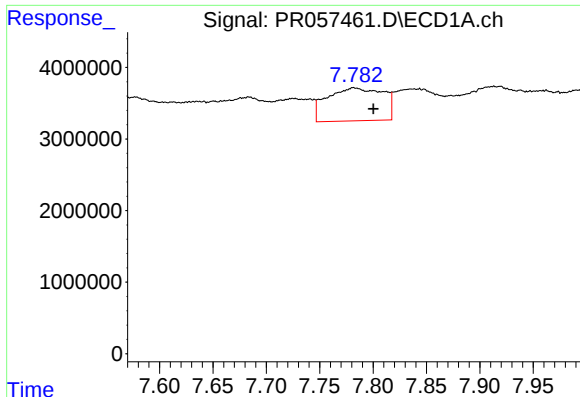
#36 AR-1262-1

R.T.: 7.221 min
Delta R.T.: 0.003 min
Response: 10400755
Conc: 57.03 ng/ml



#36 AR-1262-1

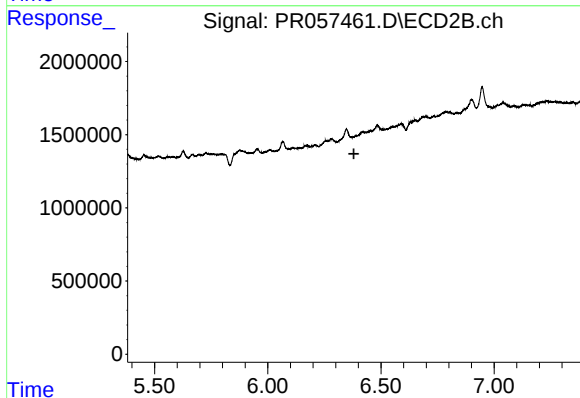
R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 553350
Conc: 5.72 ng/ml



#37 AR-1262-2

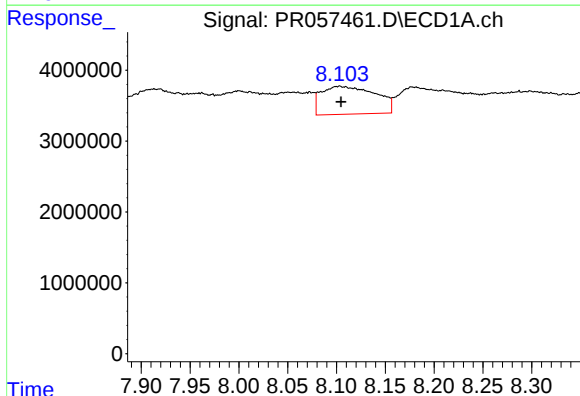
R.T.: 7.782 min
Delta R.T.: -0.018 min
Response: 16821615
Conc: 52.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



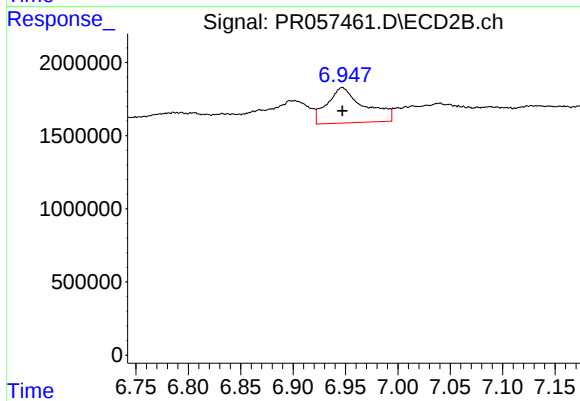
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.380 min
Response: 0
Conc: N.D.



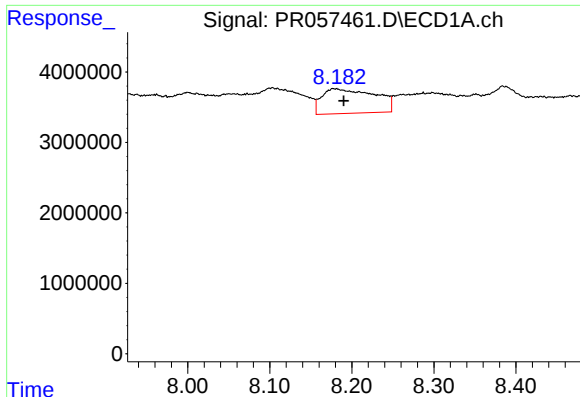
#38 AR-1262-3

R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 15217425
Conc: 71.18 ng/ml



#38 AR-1262-3

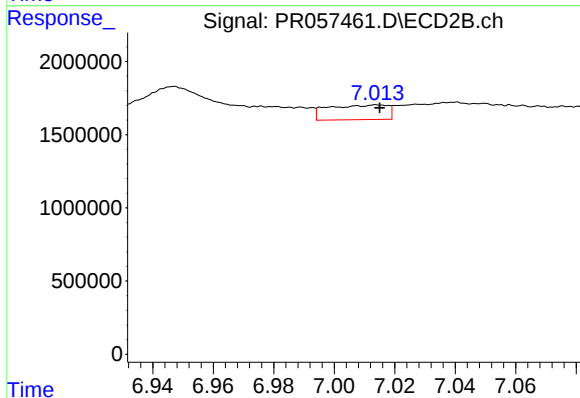
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 5987503
Conc: 74.63 ng/ml



#39 AR-1262-4

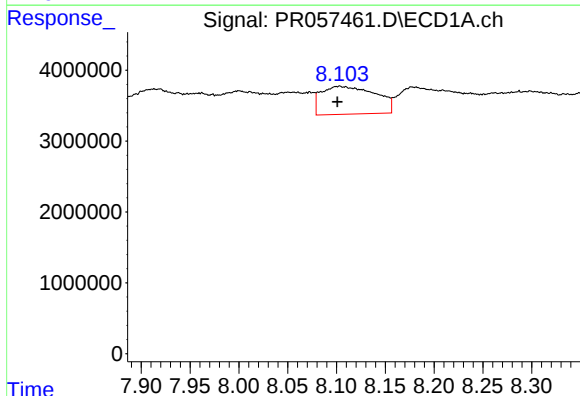
R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 15811752
Conc: 140.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



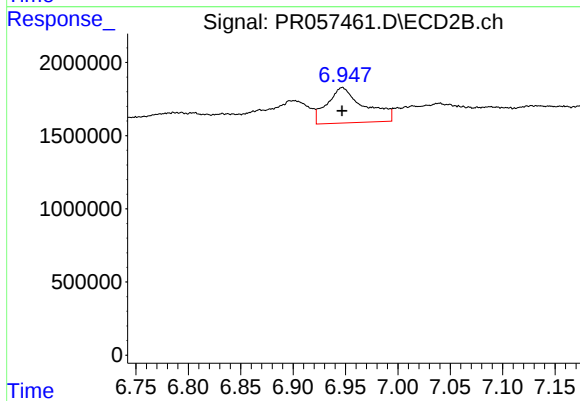
#39 AR-1262-4

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 1376962
Conc: 9.40 ng/ml



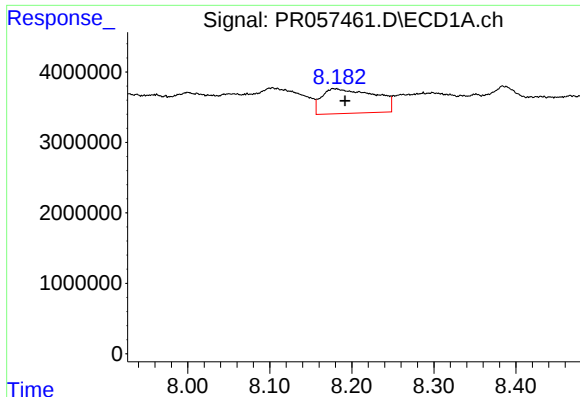
#41 AR-1268-1

R.T.: 8.103 min
Delta R.T.: 0.002 min
Response: 15217425
Conc: 37.98 ng/ml



#41 AR-1268-1

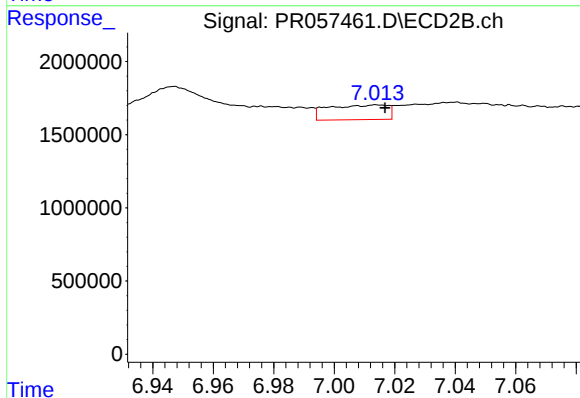
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 5987503
Conc: 23.89 ng/ml



#42 AR-1268-2

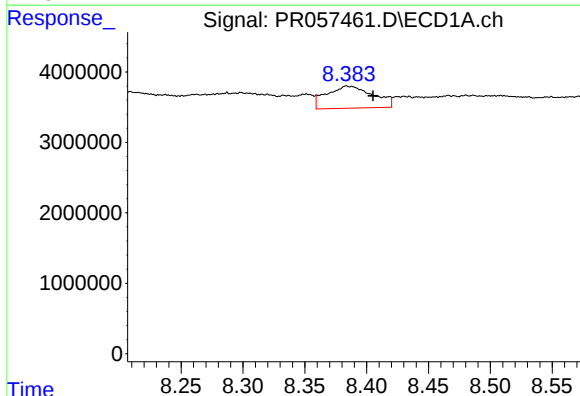
R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 15811752
Conc: 42.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



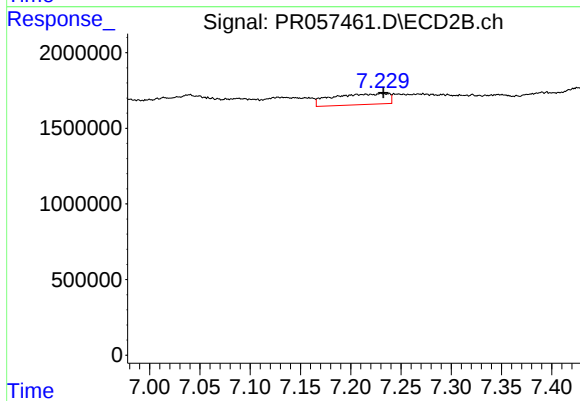
#42 AR-1268-2

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 1376962
Conc: 5.70 ng/ml



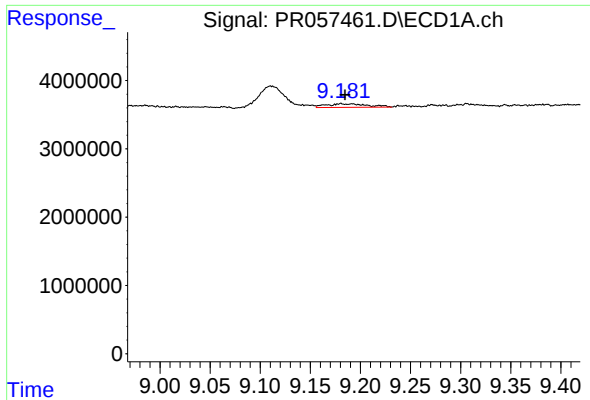
#43 AR-1268-3

R.T.: 8.385 min
Delta R.T.: -0.020 min
Response: 8195605
Conc: 25.83 ng/ml



#43 AR-1268-3

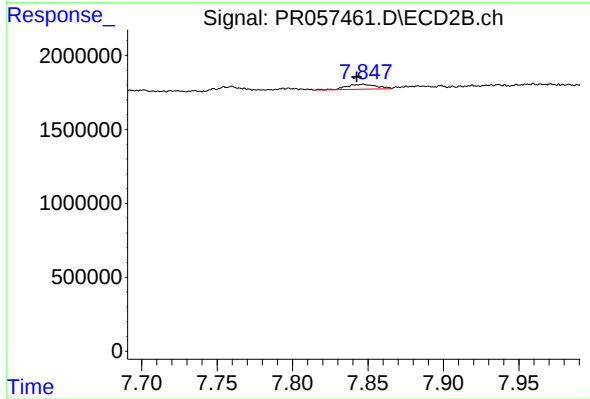
R.T.: 7.230 min
Delta R.T.: -0.002 min
Response: 2803843
Conc: 13.32 ng/ml



#45 AR-1268-5

R.T.: 9.181 min
Delta R.T.: -0.004 min
Response: 1478550
Conc: 1.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.846 min
Delta R.T.: 0.004 min
Response: 450103
Conc: 0.66 ng/ml