

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080118\
 Data File : PR031025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2018 02:42 pm
 Operator : SM\MA
 Sample : AR1221CCC500
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 14:58:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 01 10:06:46 2018
 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...	4.559	3.691	710.7E6	1225.4E6	48.383	46.576
2)	SA Decachlor...	10.324	8.584	1579.1E6	940.4E6	44.473	43.332
Target Compounds							
3)	L1 AR-1016-1	4.925	4.346	190.8E6	45179125	702.961	52.440 #
4)	L1 AR-1016-2	5.452	4.751	16191195	43068971	38.325	31.934
5)	L1 AR-1016-3	5.740	4.768	34926304	93353821	34.650	37.847
6)	L1 AR-1016-4	5.803	4.825	22216475	56066466	36.853	37.904
7)	L1 AR-1016-5	6.338	4.979	17519819	36933531	29.417	36.839 #
8)	L2 AR-1221-1	4.762	3.898	81200506	159.4E6	447.744	432.730
9)	L2 AR-1221-2	4.848	3.983	60873997	129.3E6	429.763	461.728
10)	L2 AR-1221-3	4.925	4.057	190.8E6	419.5E6	444.880	460.420
11)	L3 AR-1232-1	5.258	4.346	20927912	45179125	107.019	112.009
12)	L3 AR-1232-2	5.452	4.768	16191195	93353821	85.408	83.626
13)	L3 AR-1232-3	5.740	4.825	34926304	56066466	68.684	83.299
14)	L3 AR-1232-4	5.803	5.020	22216475	47578457	81.175	93.894
15)	L3 AR-1232-5	6.193	5.334	9373178	109.3E6	40.603	177.222 #
16)	L4 AR-1242-1	5.452	4.535	16191195	55340699	45.665	64.189 #
17)	L4 AR-1242-2	5.717	4.768	23013307	93353821	39.025	46.072
18)	L4 AR-1242-3	5.740	4.941	34926304	44701486	42.271	46.442
19)	L4 AR-1242-4	6.193	4.979	9373178	36933531	20.162	45.127 #
20)	L4 AR-1242-5	6.338	5.189	17519819	145.1E6	33.300	121.990 #
21)	L5 AR-1248-1	6.193	4.979	9373178	36933531	12.942	27.276 #
22)	L5 AR-1248-2	6.338	5.020	17519819	47578457	27.853	33.765
23)	L5 AR-1248-3	6.594	5.189	19665827	145.1E6	20.309	80.596 #
24)	L5 AR-1248-4	6.633	5.533	24781864	97956491	27.107	34.615 #
25)	L5 AR-1248-5	6.791	5.574	21495189	152.5E6	22.585	75.289 #
26)	L6 AR-1254-1	5.989	4.979	6616115	36933531	11.817	28.791 #
27)	L6 AR-1254-2	6.791	5.677	21495189	125.2E6	11.261	36.308 #
28)	L6 AR-1254-3	7.155	6.074	17832840	277.3E6	8.400	49.063 #
29)	L6 AR-1254-4	7.434	6.295	-9645756	46321933	N.D.	10.574 #
30)	L6 AR-1254-5	7.852	6.701	6306772	42662017	3.173	10.160 #
31)	L7 AR-1260-1	7.273	6.200	5107794	149.6E6	3.903	47.063 #
32)	L7 AR-1260-2	7.570	6.389	2728044	102.8E6	1.425	25.986 #
33)	L7 AR-1260-3	7.852	6.701	6306772	42662017	2.882	15.064 #
34)	L7 AR-1260-4	8.477	7.234	3350629	7571806	0.895	2.064 #
35)	L7 AR-1260-5	0.000	7.579	0	7233027	N.D.	3.410 #
36)	L8 AR-1262-1	7.273	6.200	5107794	149.6E6	4.140	52.414 #
37)	L8 AR-1262-2	7.570	6.389	2728044	102.8E6	1.564	29.669 #
38)	L8 AR-1262-3	7.925	6.701	4634398	42662017	1.758	10.180 #
39)	L8 AR-1262-4	8.179	7.004	13111172	30142655	6.190	11.063 #
40)	L8 AR-1262-5	8.477	7.234	3350629	7571806	0.687	1.655 #
41)	L9 AR-1268-1	0.000	7.512	0	21341774	N.D.	5.434 #

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 Operator : SM\MA
 Sample : AR1221CCC500
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

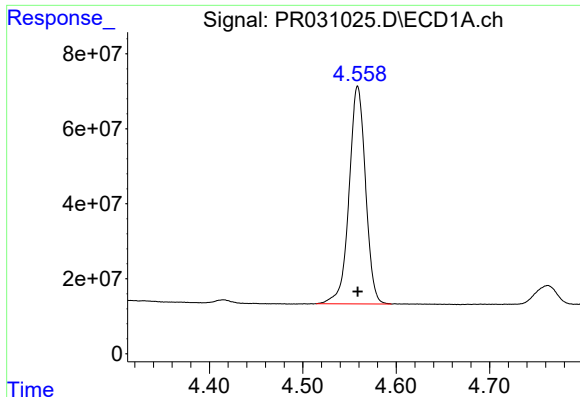
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 14:58:30 2018
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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
42) L9	AR-1268-2	8.901	7.579	19471853	7233027	4.051	2.173 #
43) L9	AR-1268-3	9.127	7.773	39027820	21965476	9.001	8.189
44) L9	AR-1268-4	0.000	8.083	0	1670857	N.D.	1.442 #
45) L9	AR-1268-5	9.981	8.344	16926259	12683002	1.325	1.814 #

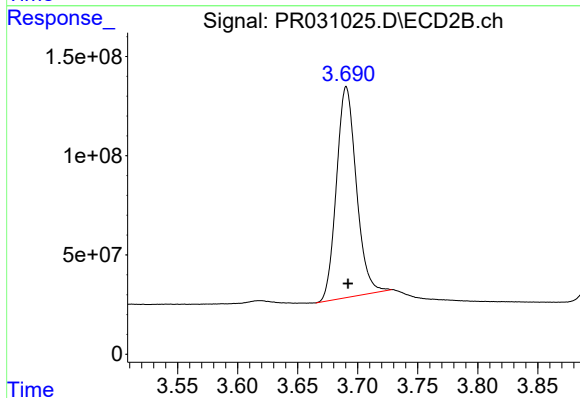
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

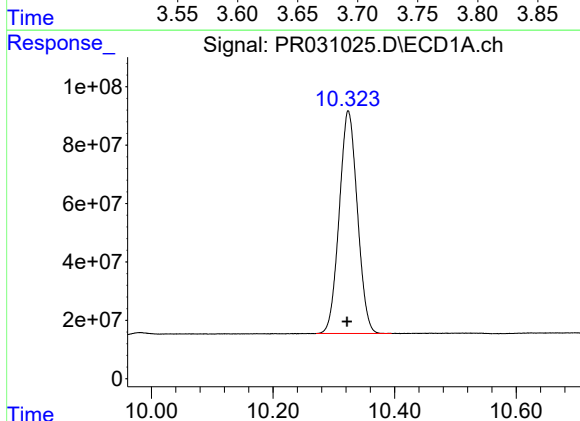
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 710696719
Conc: 48.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



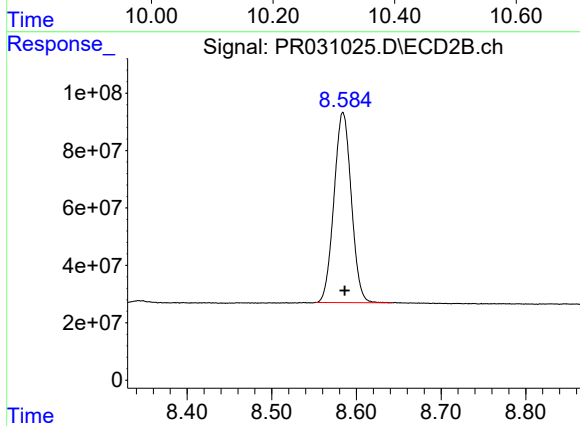
#1 Tetrachloro-m-xylene

R.T.: 3.691 min
Delta R.T.: -0.001 min
Response: 1225364528
Conc: 46.58 ng/ml



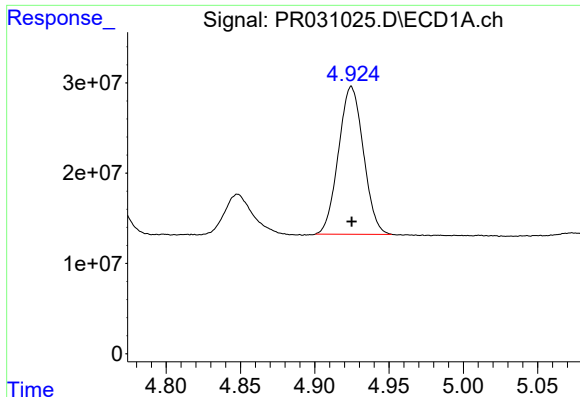
#2 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.002 min
Response: 1579116479
Conc: 44.47 ng/ml



#2 Decachlorobiphenyl

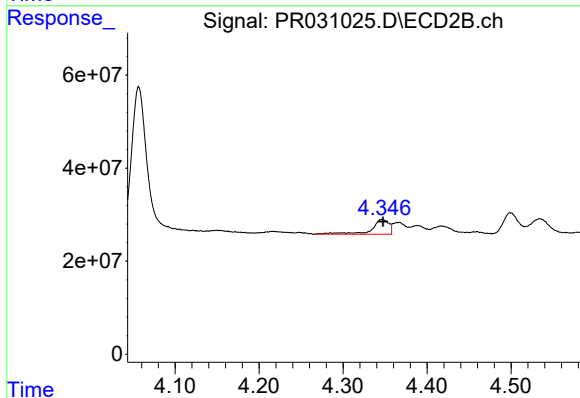
R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 940365604
Conc: 43.33 ng/ml



#3 AR-1016-1

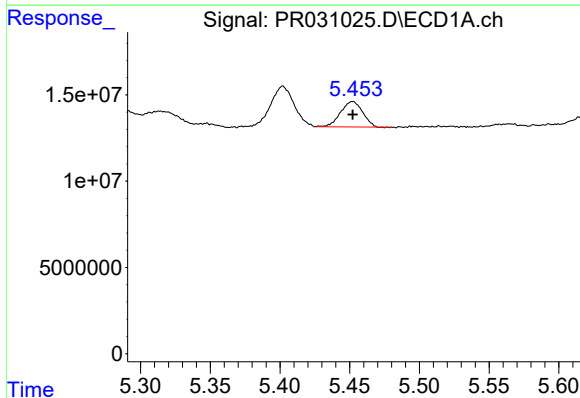
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 190816543
Conc: 702.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



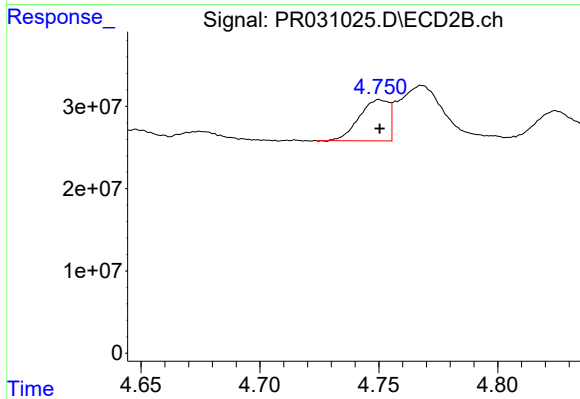
#3 AR-1016-1

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 45179125
Conc: 52.44 ng/ml



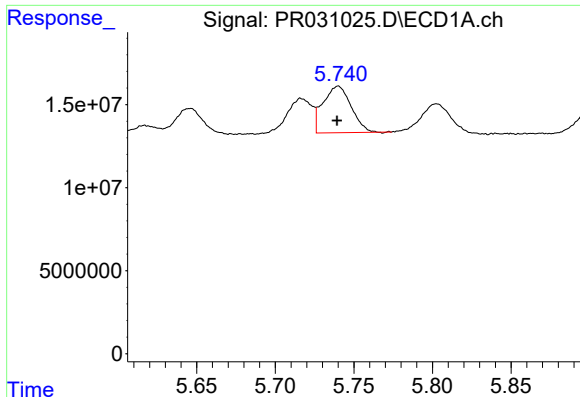
#4 AR-1016-2

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 16191195
Conc: 38.32 ng/ml



#4 AR-1016-2

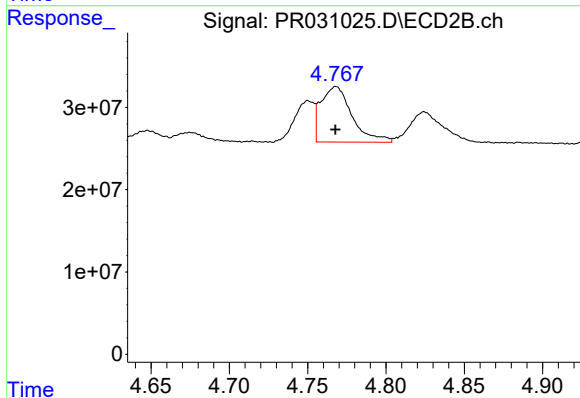
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 43068971
Conc: 31.93 ng/ml



#5 AR-1016-3

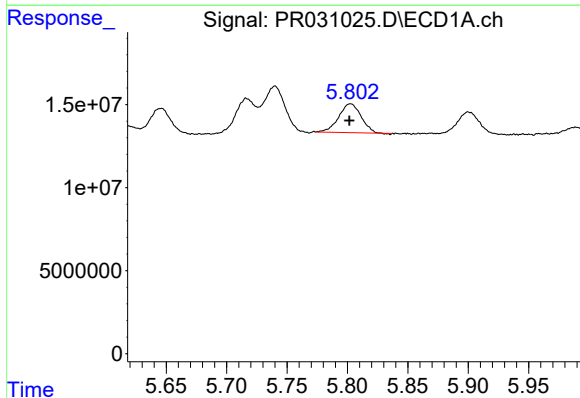
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 34926304
Conc: 34.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



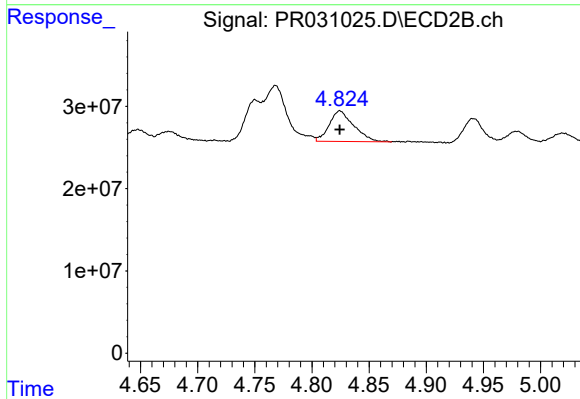
#5 AR-1016-3

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 93353821
Conc: 37.85 ng/ml



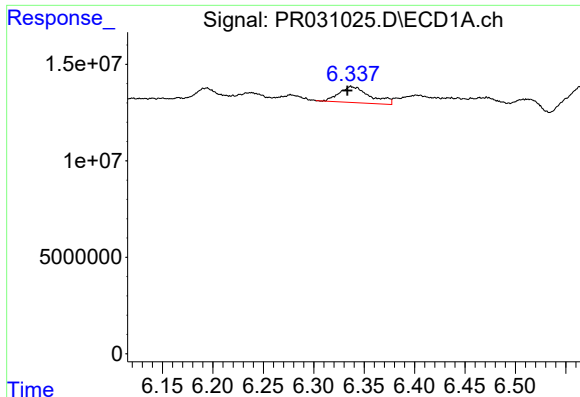
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 22216475
Conc: 36.85 ng/ml



#6 AR-1016-4

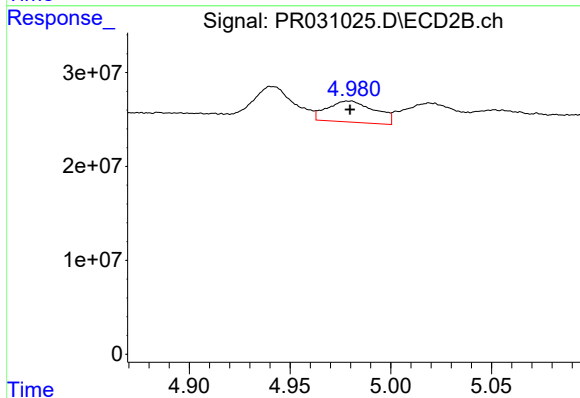
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 56066466
Conc: 37.90 ng/ml



#7 AR-1016-5

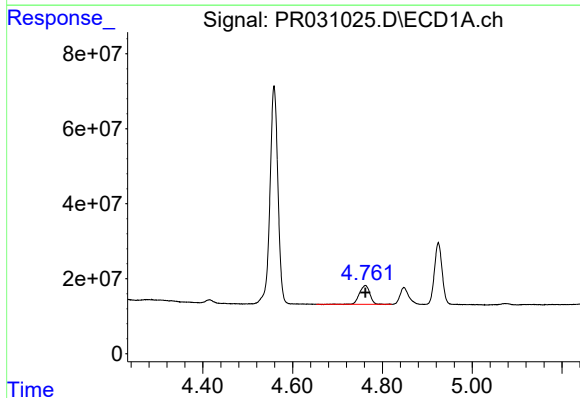
R.T.: 6.338 min
Delta R.T.: 0.005 min
Response: 17519819
Conc: 29.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



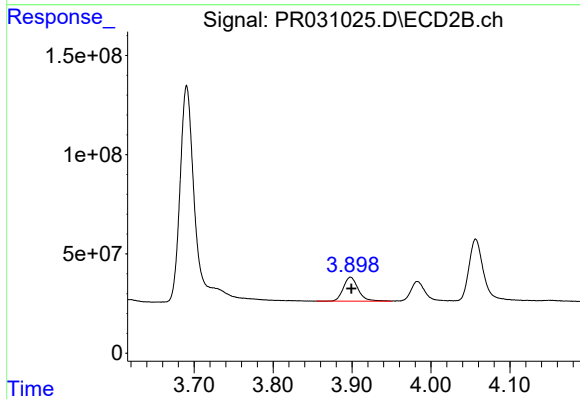
#7 AR-1016-5

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 36933531
Conc: 36.84 ng/ml



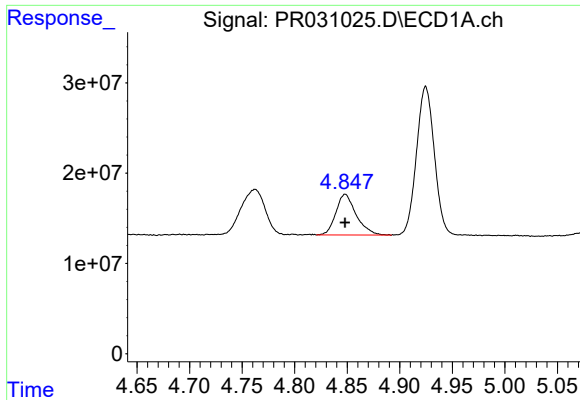
#8 AR-1221-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 81200506
Conc: 447.74 ng/ml



#8 AR-1221-1

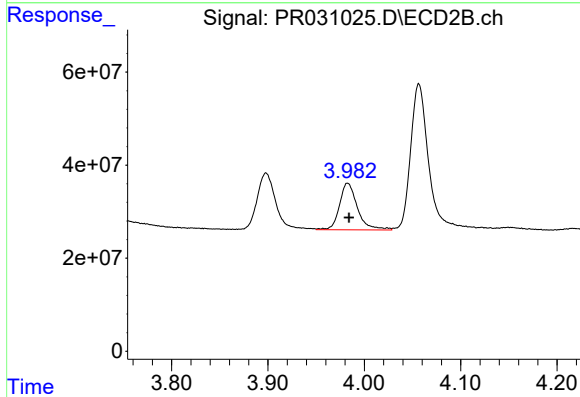
R.T.: 3.898 min
Delta R.T.: -0.001 min
Response: 159391299
Conc: 432.73 ng/ml



#9 AR-1221-2

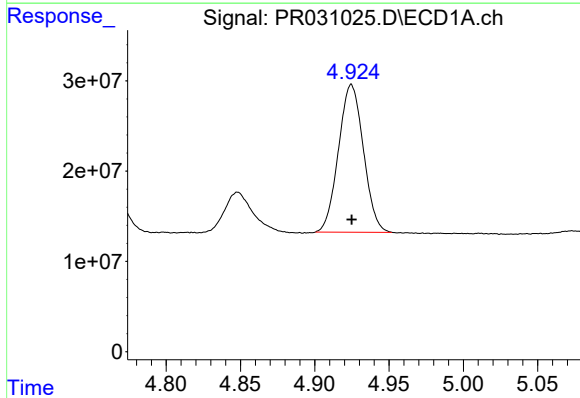
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 60873997
Conc: 429.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



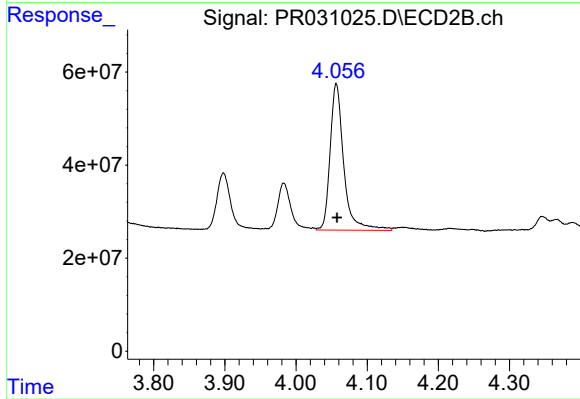
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 129316269
Conc: 461.73 ng/ml



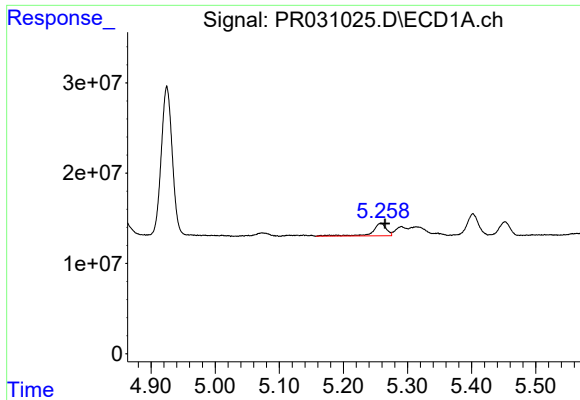
#10 AR-1221-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 190816543
Conc: 444.88 ng/ml



#10 AR-1221-3

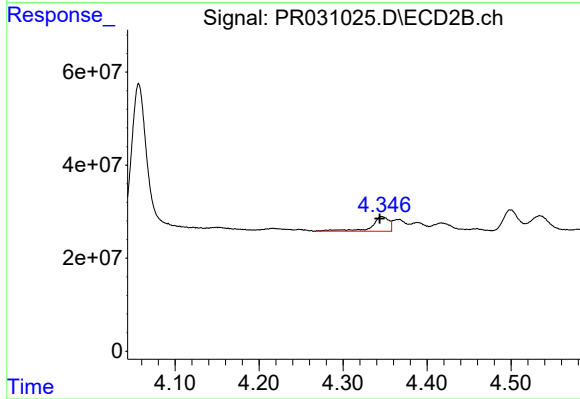
R.T.: 4.057 min
Delta R.T.: -0.001 min
Response: 419537270
Conc: 460.42 ng/ml



#11 AR-1232-1

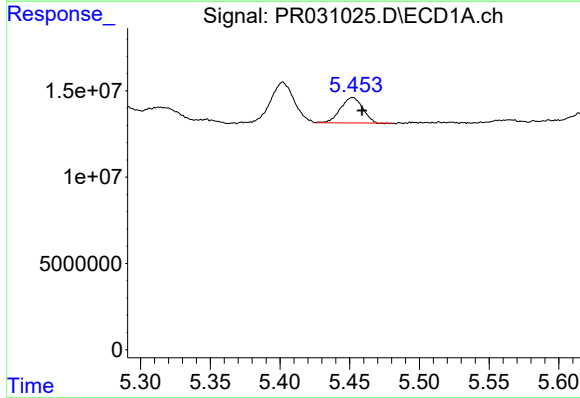
R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 20927912
Conc: 107.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



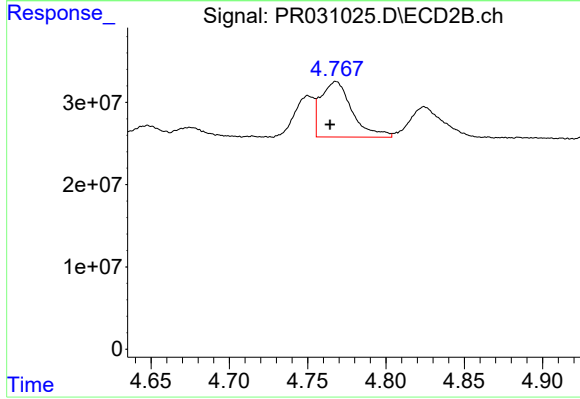
#11 AR-1232-1

R.T.: 4.346 min
Delta R.T.: 0.003 min
Response: 45179125
Conc: 112.01 ng/ml



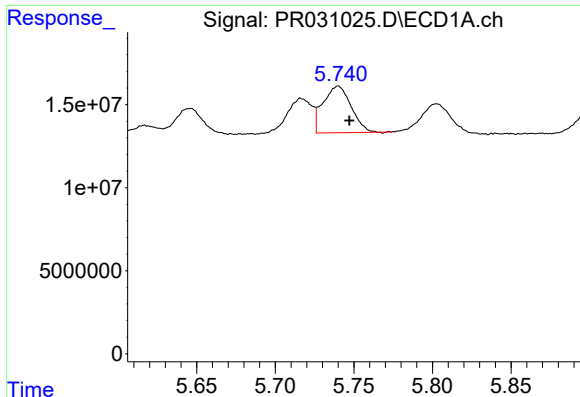
#12 AR-1232-2

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 16191195
Conc: 85.41 ng/ml



#12 AR-1232-2

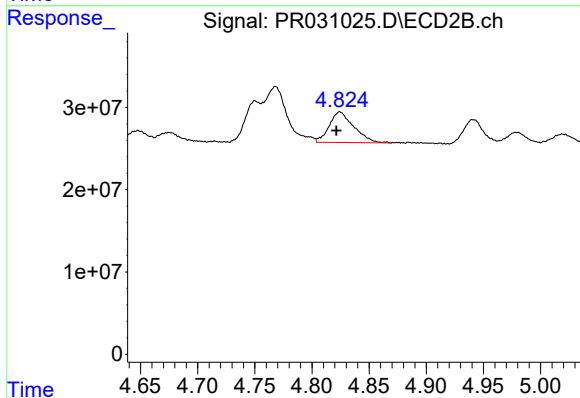
R.T.: 4.768 min
Delta R.T.: 0.004 min
Response: 93353821
Conc: 83.63 ng/ml



#13 AR-1232-3

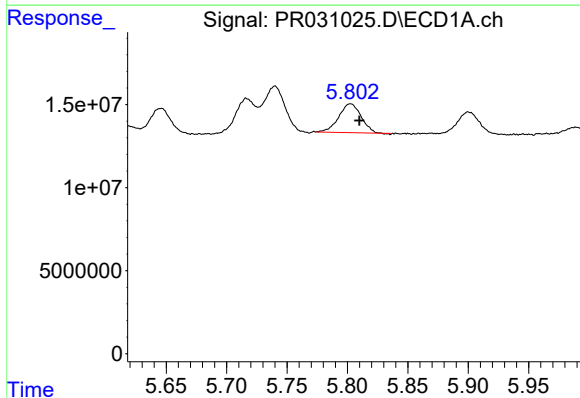
R.T.: 5.740 min
Delta R.T.: -0.007 min
Response: 34926304
Conc: 68.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



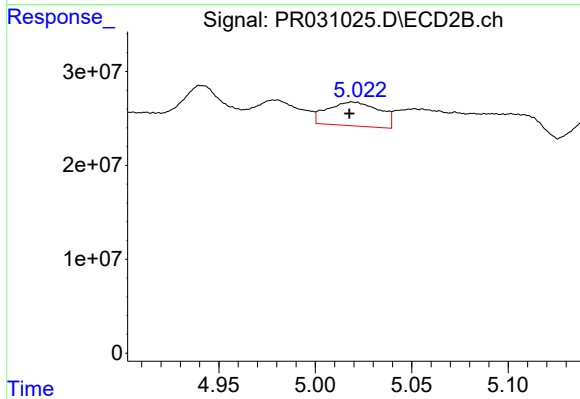
#13 AR-1232-3

R.T.: 4.825 min
Delta R.T.: 0.003 min
Response: 56066466
Conc: 83.30 ng/ml



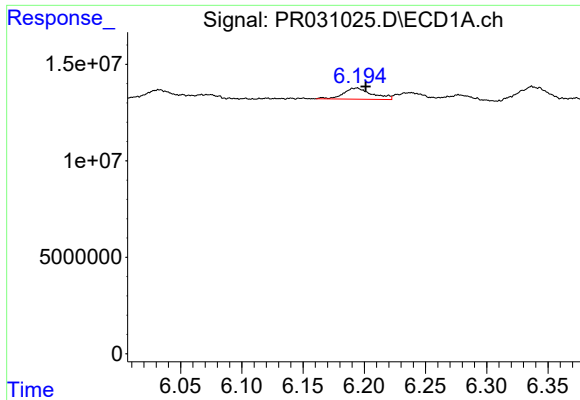
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: -0.007 min
Response: 22216475
Conc: 81.18 ng/ml



#14 AR-1232-4

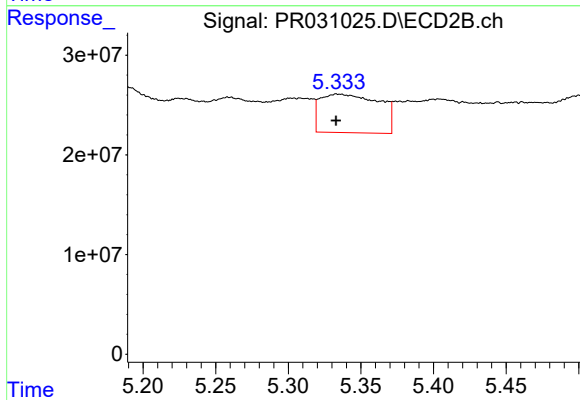
R.T.: 5.020 min
Delta R.T.: 0.002 min
Response: 47578457
Conc: 93.89 ng/ml



#15 AR-1232-5

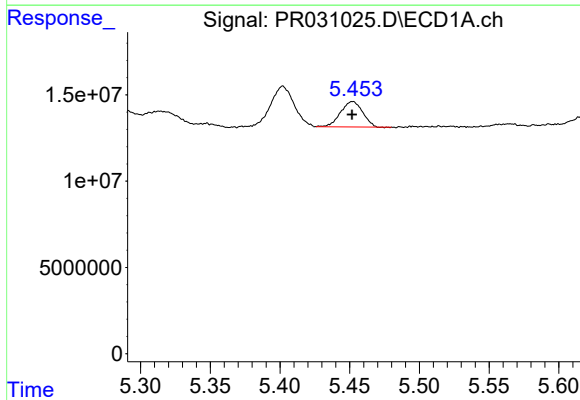
R.T.: 6.193 min
Delta R.T.: -0.008 min
Response: 9373178
Conc: 40.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



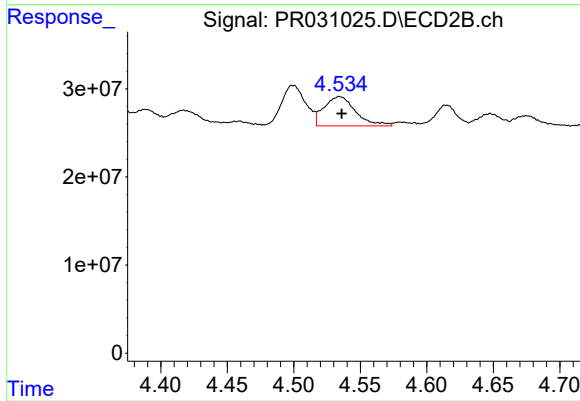
#15 AR-1232-5

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 109252680
Conc: 177.22 ng/ml



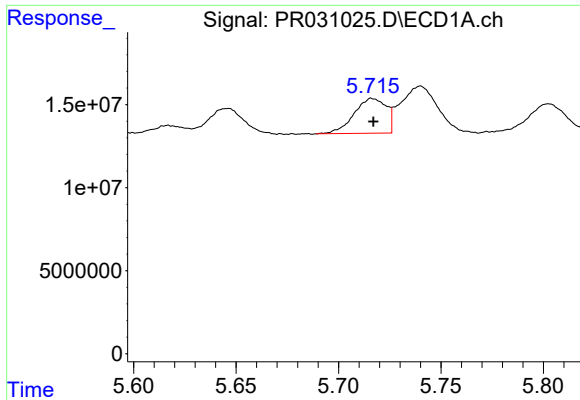
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 16191195
Conc: 45.66 ng/ml



#16 AR-1242-1

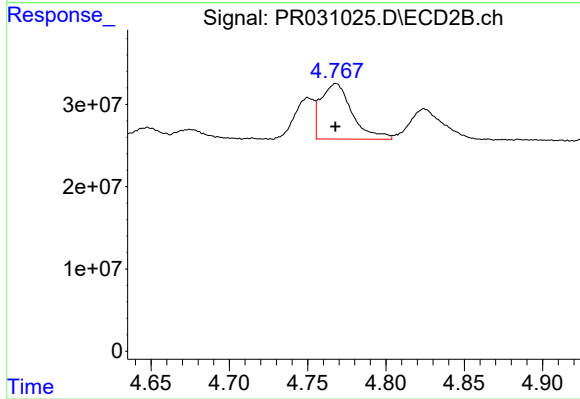
R.T.: 4.535 min
Delta R.T.: -0.002 min
Response: 55340699
Conc: 64.19 ng/ml



#17 AR-1242-2

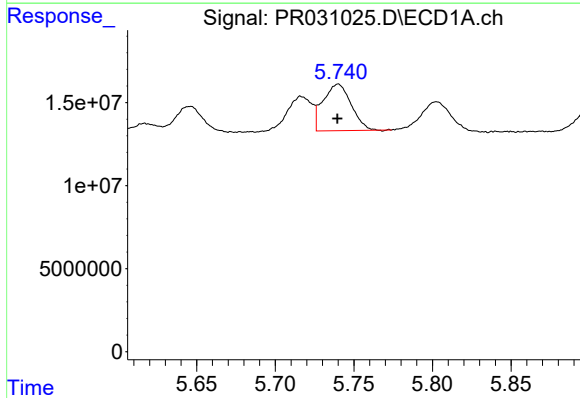
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 23013307
Conc: 39.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



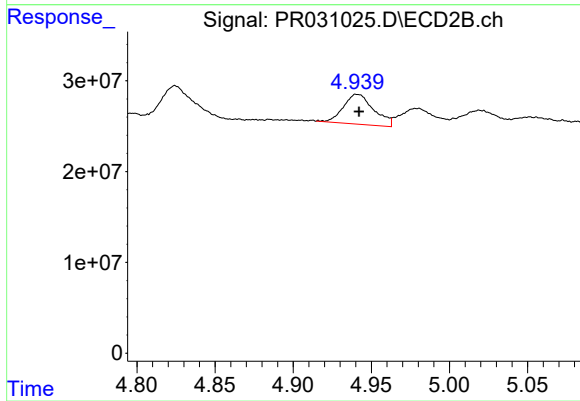
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 93353821
Conc: 46.07 ng/ml



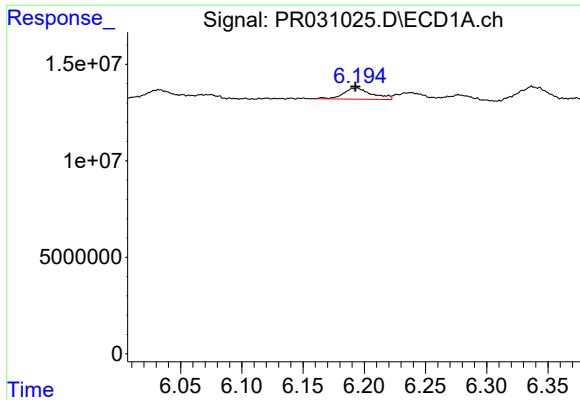
#18 AR-1242-3

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 34926304
Conc: 42.27 ng/ml



#18 AR-1242-3

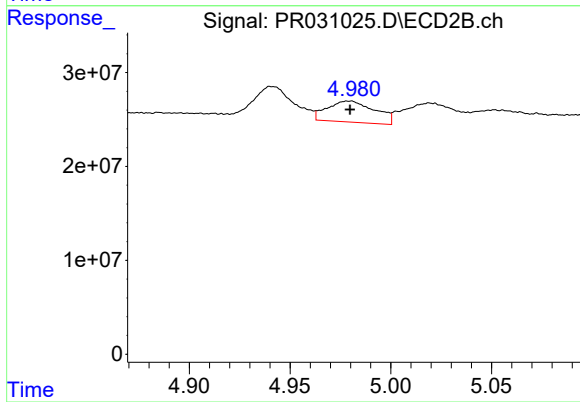
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 44701486
Conc: 46.44 ng/ml



#19 AR-1242-4

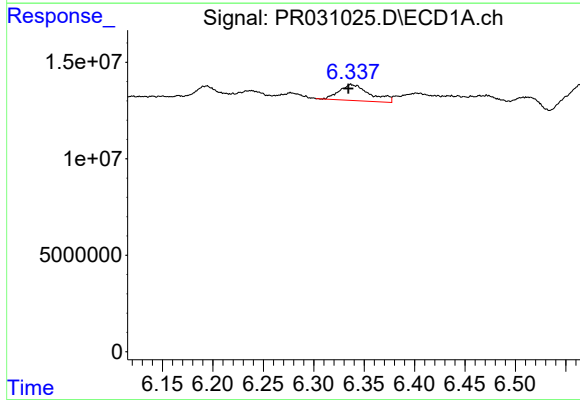
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 9373178
Conc: 20.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



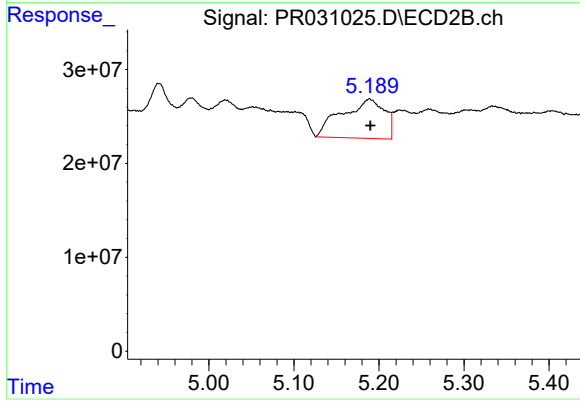
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 36933531
Conc: 45.13 ng/ml



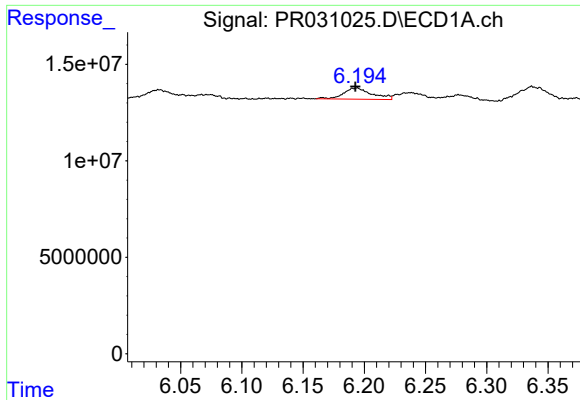
#20 AR-1242-5

R.T.: 6.338 min
Delta R.T.: 0.004 min
Response: 17519819
Conc: 33.30 ng/ml



#20 AR-1242-5

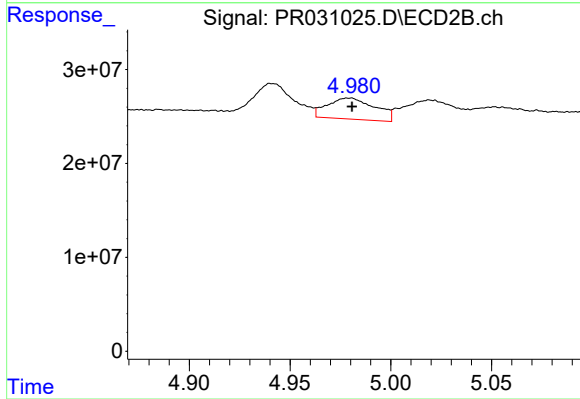
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 145138051
Conc: 121.99 ng/ml



#21 AR-1248-1

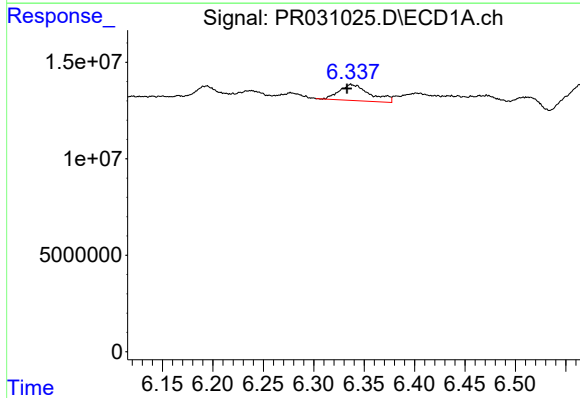
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 9373178
Conc: 12.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



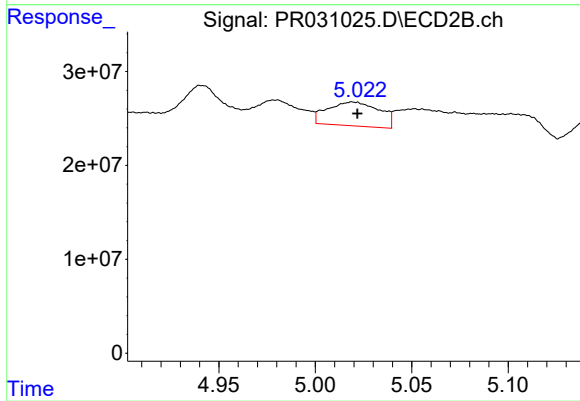
#21 AR-1248-1

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 36933531
Conc: 27.28 ng/ml



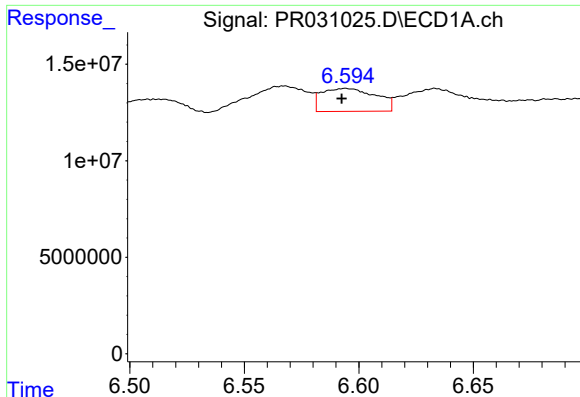
#22 AR-1248-2

R.T.: 6.338 min
Delta R.T.: 0.005 min
Response: 17519819
Conc: 27.85 ng/ml



#22 AR-1248-2

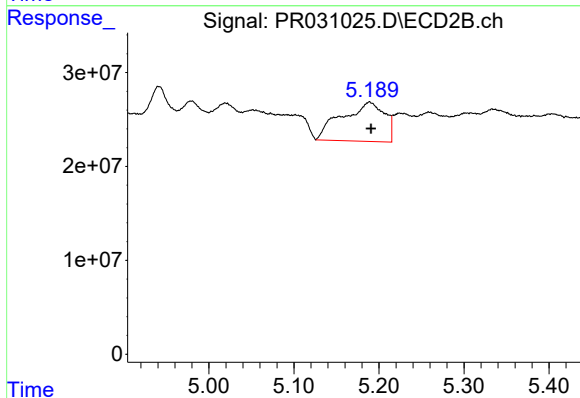
R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 47578457
Conc: 33.77 ng/ml



#23 AR-1248-3

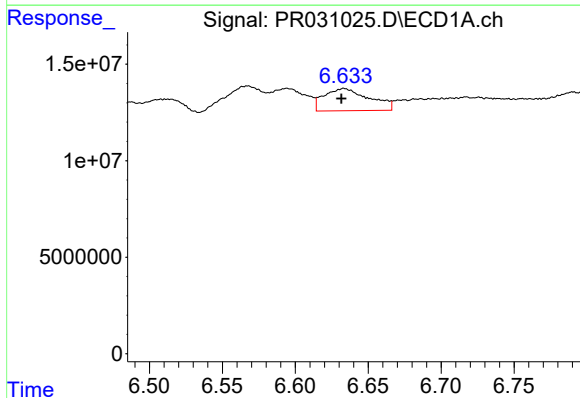
R.T.: 6.594 min
Delta R.T.: 0.002 min
Response: 19665827
Conc: 20.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



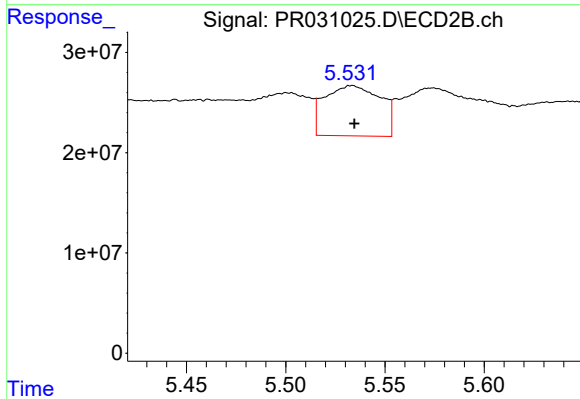
#23 AR-1248-3

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 145138051
Conc: 80.60 ng/ml



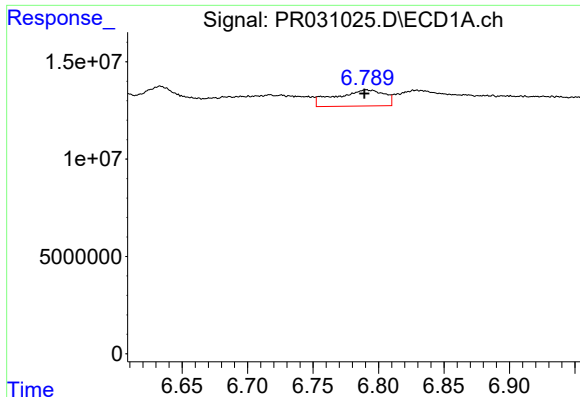
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 24781864
Conc: 27.11 ng/ml



#24 AR-1248-4

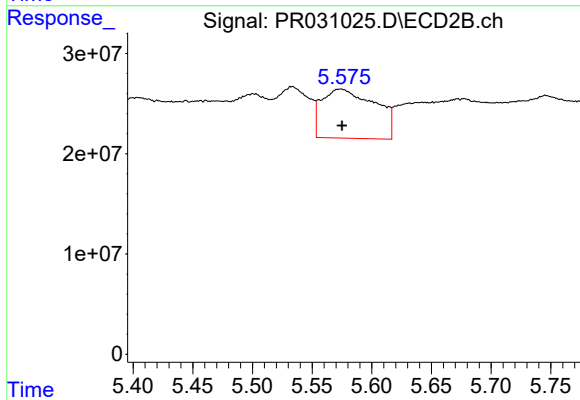
R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 97956491
Conc: 34.61 ng/ml



#25 AR-1248-5

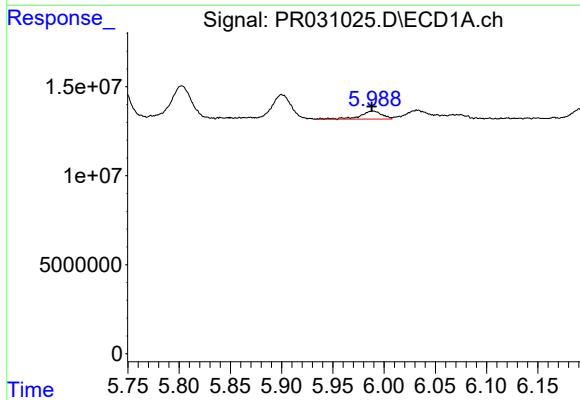
R.T.: 6.791 min
Delta R.T.: 0.002 min
Response: 21495189
Conc: 22.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



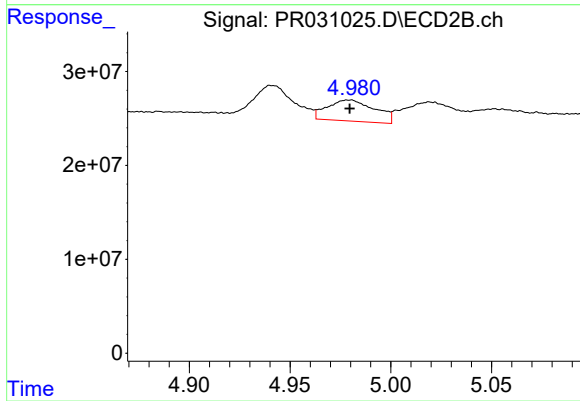
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 152522094
Conc: 75.29 ng/ml



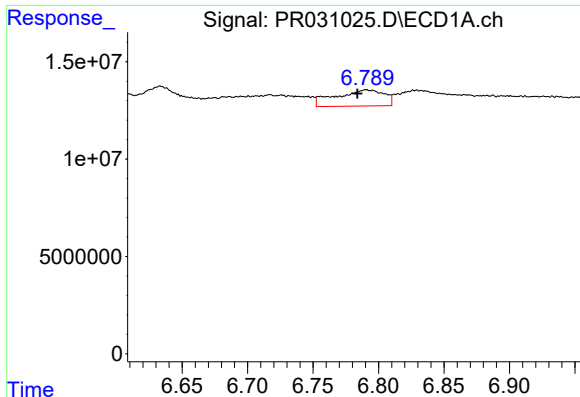
#26 AR-1254-1

R.T.: 5.989 min
Delta R.T.: 0.001 min
Response: 6616115
Conc: 11.82 ng/ml



#26 AR-1254-1

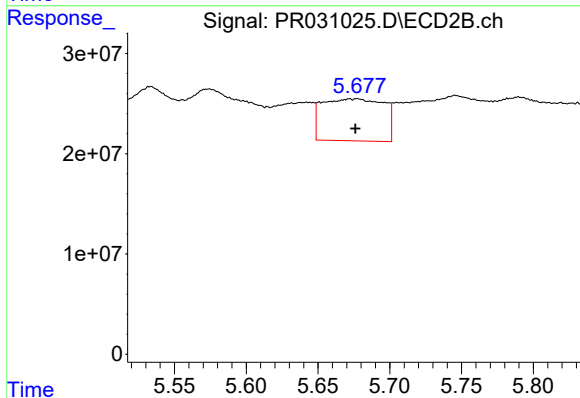
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 36933531
Conc: 28.79 ng/ml



#27 AR-1254-2

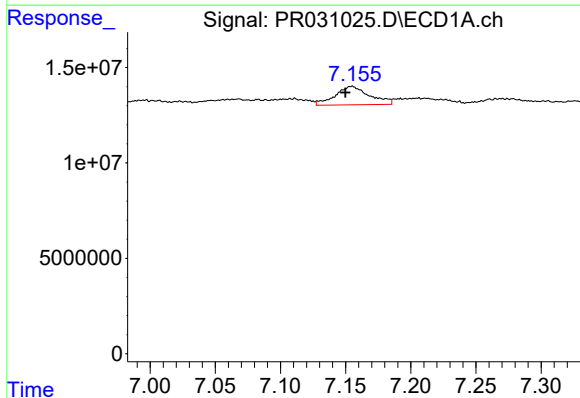
R.T.: 6.791 min
Delta R.T.: 0.007 min
Response: 21495189
Conc: 11.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



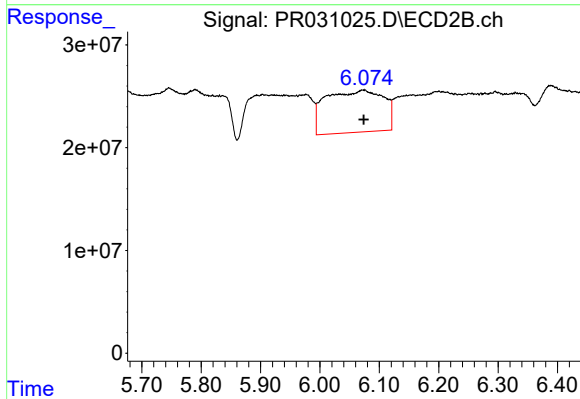
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: 0.001 min
Response: 125175167
Conc: 36.31 ng/ml



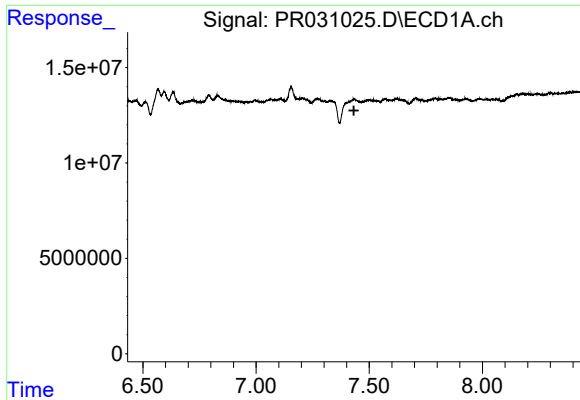
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: 0.005 min
Response: 17832840
Conc: 8.40 ng/ml



#28 AR-1254-3

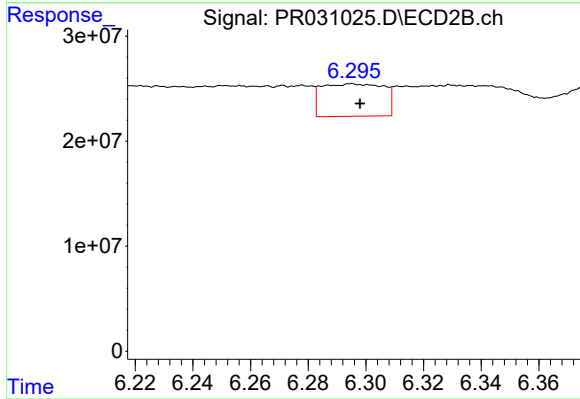
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 277315552
Conc: 49.06 ng/ml



#29 AR-1254-4

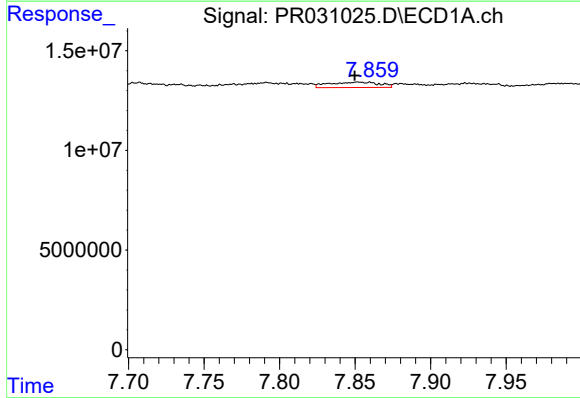
R.T.: 7.434 min
Delta R.T.: 0.002 min
Response: -9645756
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



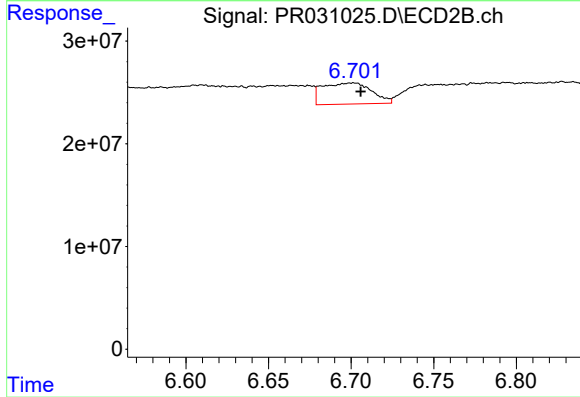
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 46321933
Conc: 10.57 ng/ml



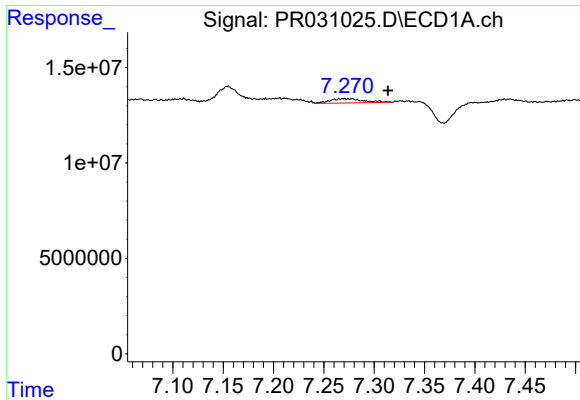
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.003 min
Response: 6306772
Conc: 3.17 ng/ml



#30 AR-1254-5

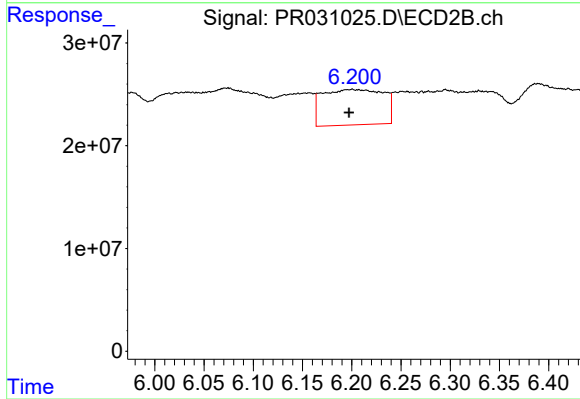
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 42662017
Conc: 10.16 ng/ml



#31 AR-1260-1

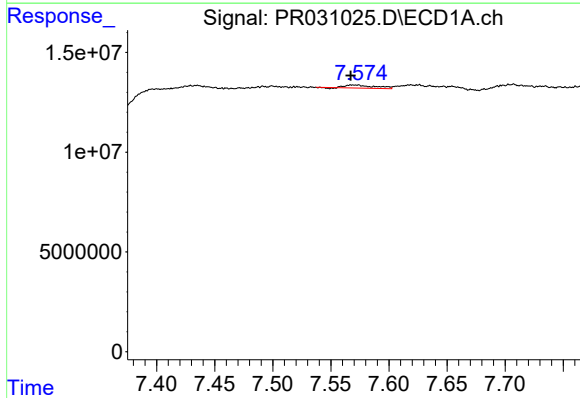
R.T.: 7.273 min
Delta R.T.: -0.040 min
Response: 5107794
Conc: 3.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



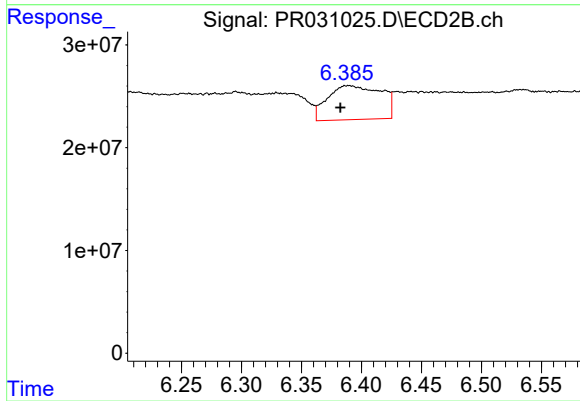
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 149603807
Conc: 47.06 ng/ml



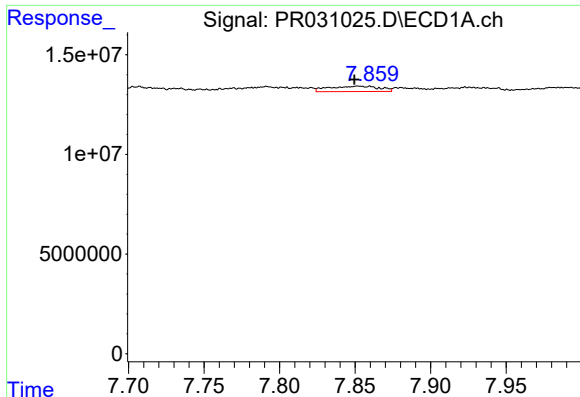
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: 0.002 min
Response: 2728044
Conc: 1.43 ng/ml



#32 AR-1260-2

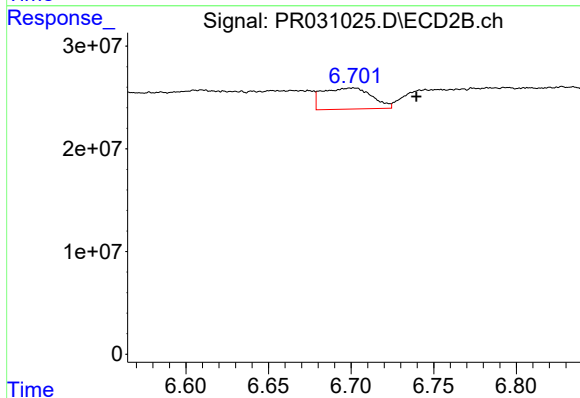
R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 102758505
Conc: 25.99 ng/ml



#33 AR-1260-3

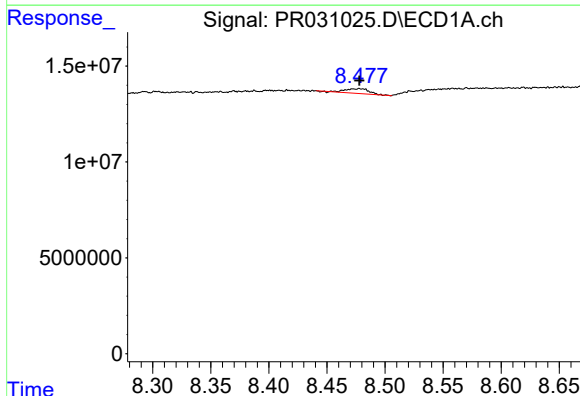
R.T.: 7.852 min
Delta R.T.: 0.003 min
Response: 6306772
Conc: 2.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



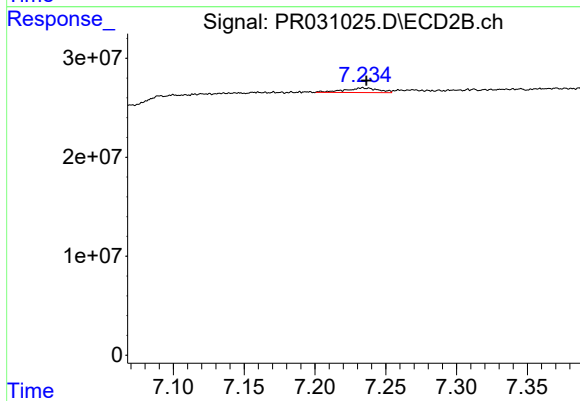
#33 AR-1260-3

R.T.: 6.701 min
Delta R.T.: -0.038 min
Response: 42662017
Conc: 15.06 ng/ml



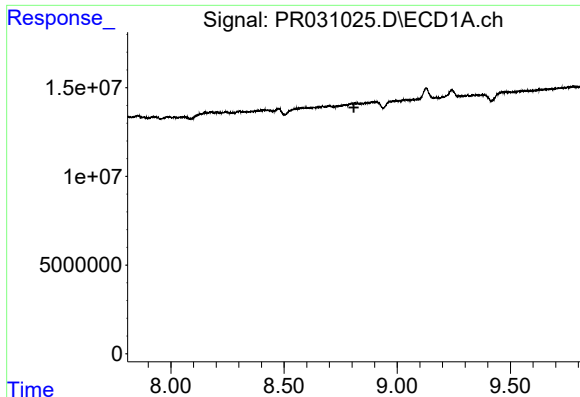
#34 AR-1260-4

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 3350629
Conc: 0.89 ng/ml



#34 AR-1260-4

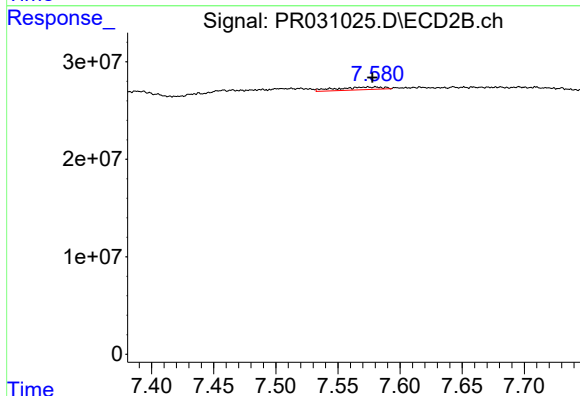
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 7571806
Conc: 2.06 ng/ml



#35 AR-1260-5

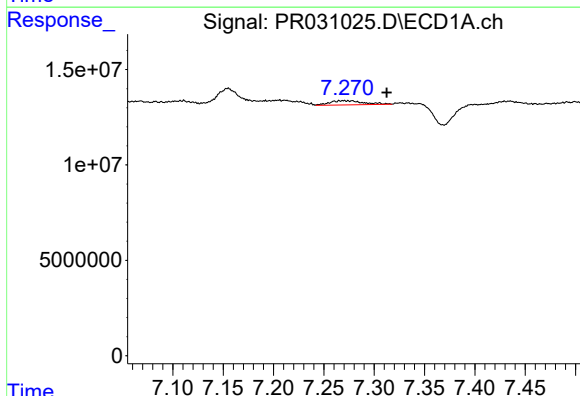
R.T.: 0.000 min
Exp R.T.: 8.808 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



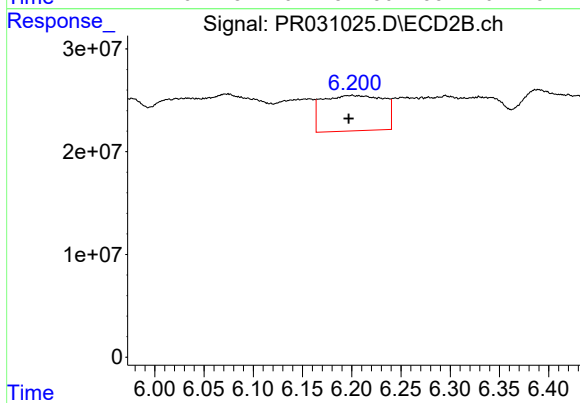
#35 AR-1260-5

R.T.: 7.579 min
Delta R.T.: 0.001 min
Response: 7233027
Conc: 3.41 ng/ml



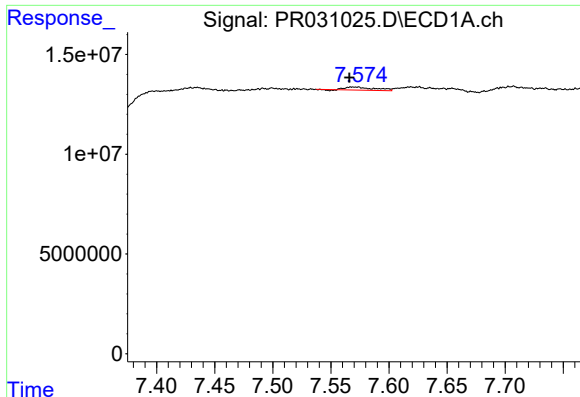
#36 AR-1262-1

R.T.: 7.273 min
Delta R.T.: -0.039 min
Response: 5107794
Conc: 4.14 ng/ml



#36 AR-1262-1

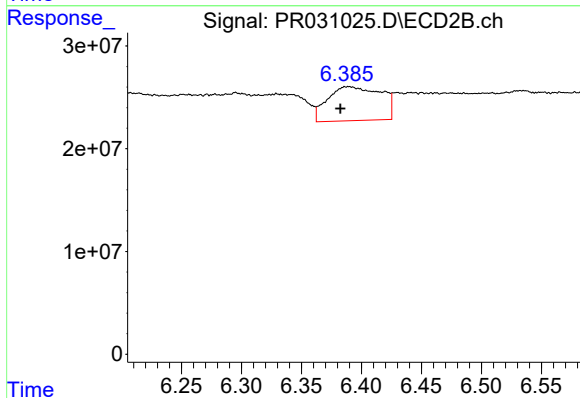
R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 149603807
Conc: 52.41 ng/ml



#37 AR-1262-2

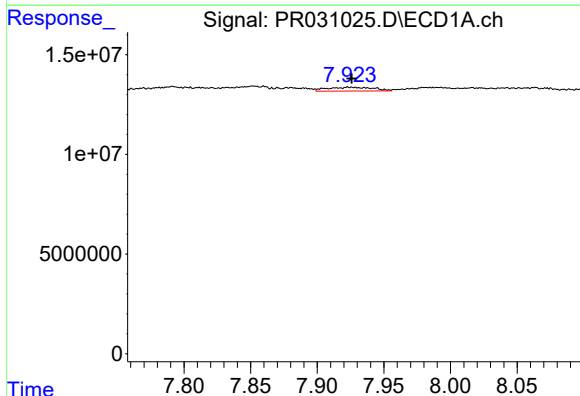
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 2728044
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



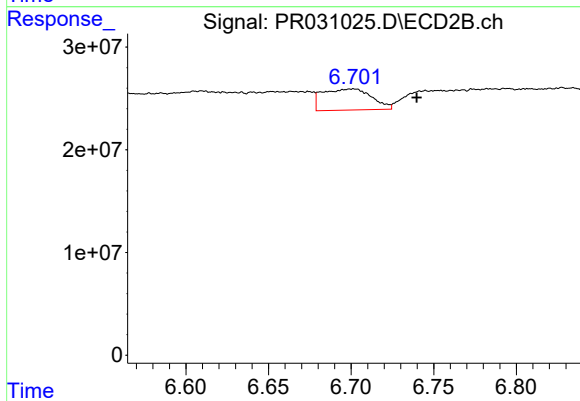
#37 AR-1262-2

R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 102758505
Conc: 29.67 ng/ml



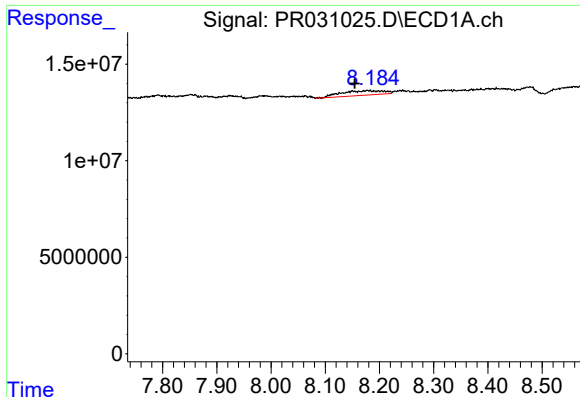
#38 AR-1262-3

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 4634398
Conc: 1.76 ng/ml



#38 AR-1262-3

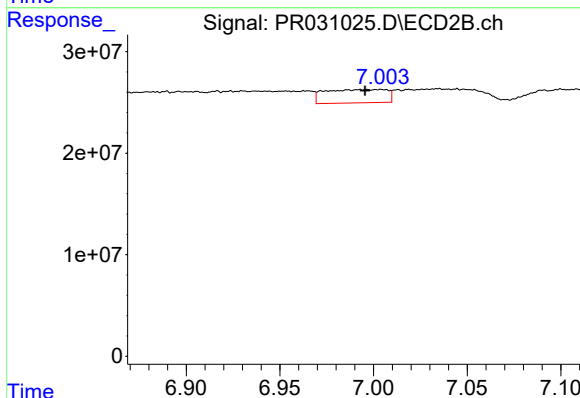
R.T.: 6.701 min
Delta R.T.: -0.038 min
Response: 42662017
Conc: 10.18 ng/ml



#39 AR-1262-4

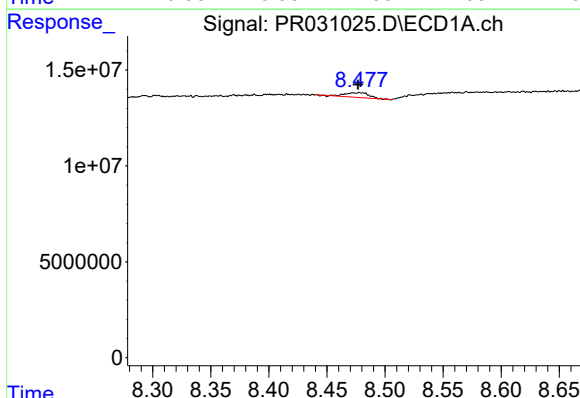
R.T.: 8.179 min
Delta R.T.: 0.024 min
Response: 13111172
Conc: 6.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



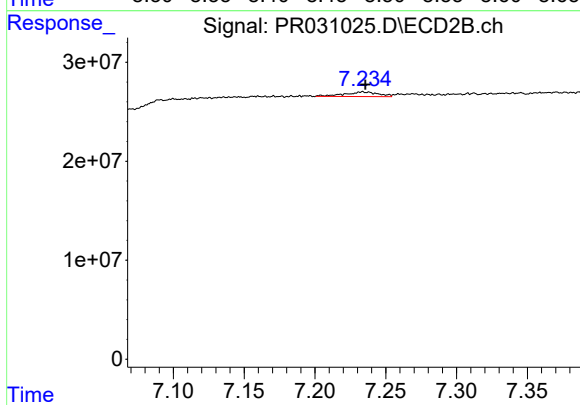
#39 AR-1262-4

R.T.: 7.004 min
Delta R.T.: 0.008 min
Response: 30142655
Conc: 11.06 ng/ml



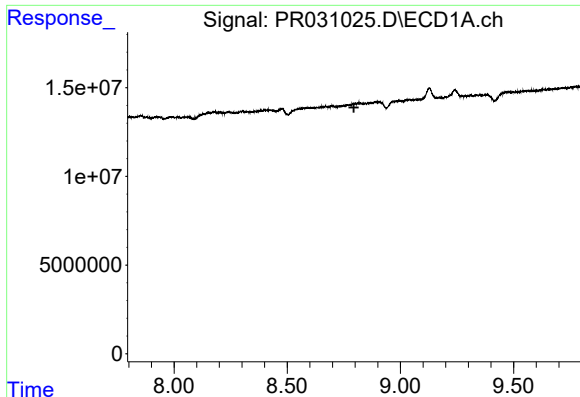
#40 AR-1262-5

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 3350629
Conc: 0.69 ng/ml



#40 AR-1262-5

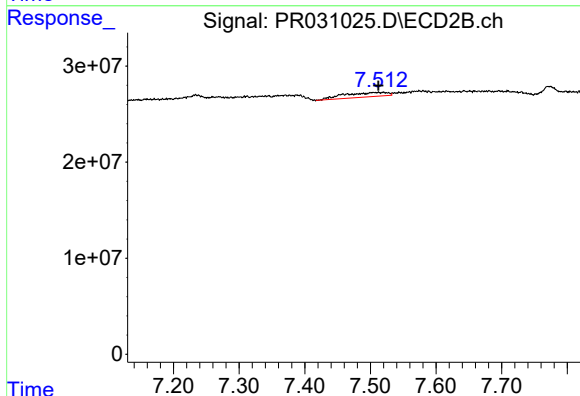
R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 7571806
Conc: 1.66 ng/ml



#41 AR-1268-1

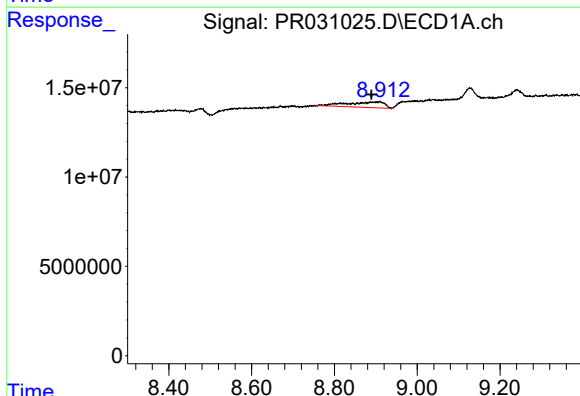
R.T.: 0.000 min
Exp R.T.: 8.794 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



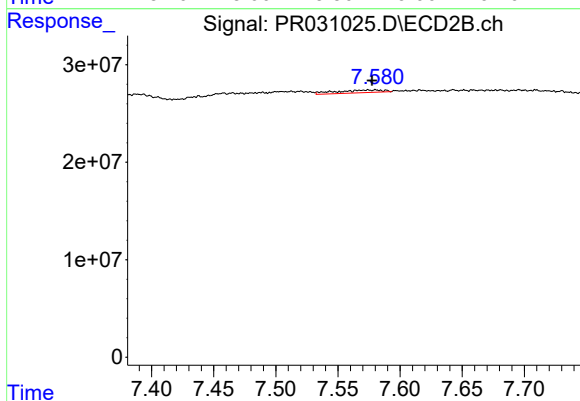
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 21341774
Conc: 5.43 ng/ml



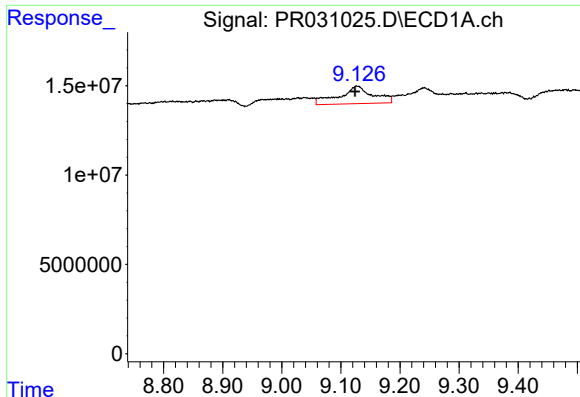
#42 AR-1268-2

R.T.: 8.901 min
Delta R.T.: 0.011 min
Response: 19471853
Conc: 4.05 ng/ml



#42 AR-1268-2

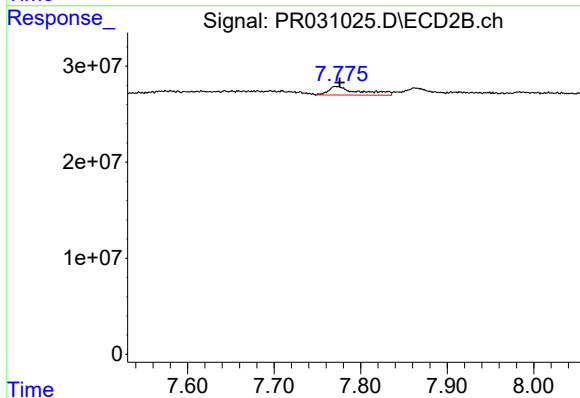
R.T.: 7.579 min
Delta R.T.: 0.002 min
Response: 7233027
Conc: 2.17 ng/ml



#43 AR-1268-3

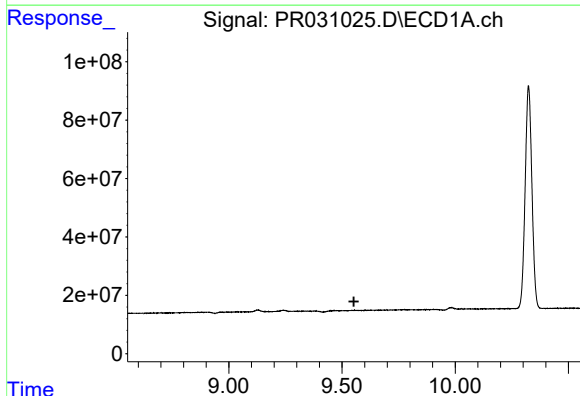
R.T.: 9.127 min
Delta R.T.: 0.004 min
Response: 39027820
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



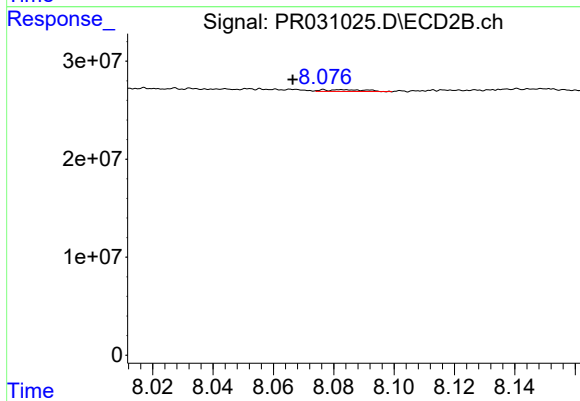
#43 AR-1268-3

R.T.: 7.773 min
Delta R.T.: -0.003 min
Response: 21965476
Conc: 8.19 ng/ml



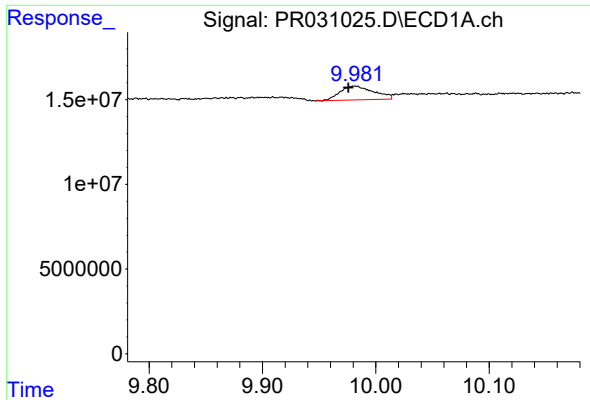
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.552 min
Response: 0
Conc: N.D.



#44 AR-1268-4

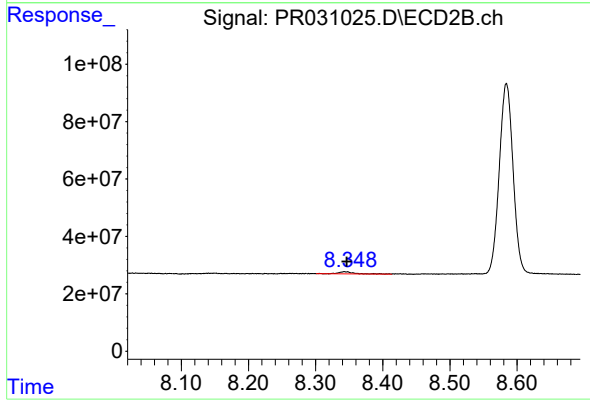
R.T.: 8.083 min
Delta R.T.: 0.017 min
Response: 1670857
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 9.981 min
Delta R.T.: 0.006 min
Response: 16926259
Conc: 1.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 12683002
Conc: 1.81 ng/ml