

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 13:48
 Operator : SM\SJ
 Sample : J4821-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:02:25 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.525	3.658	573.8E6	1416.9E6	29.268	38.429 #
2)	SA Decachlor...	10.269	8.515	398.3E6	267.4E6	12.382	10.215
Target Compounds							
3)	L1 AR-1016-1	5.165	4.338	1514751	33390993	2.816	30.508 #
4)	L1 AR-1016-2	5.379	4.701	16755467	9590296	29.624	5.624 #
5)	L1 AR-1016-3	5.747	4.727	5292472	4117243	5.995	1.420 #
6)	L1 AR-1016-4	5.747	4.747	5292472	19039395	6.757	10.248 #
7)	L1 AR-1016-5	0.000	5.140	0	24577114	N.D.	14.238 #
9)	L2 AR-1221-2	4.829	3.951	6175879	17450023	34.765	55.913 #
10)	L2 AR-1221-3	4.829	3.994	6175879	12773643	11.130	12.375
11)	L3 AR-1232-1	5.747	4.451	5292472	120.1E6	10.086	215.172 #
12)	L3 AR-1232-2	0.000	4.598	0	16344199	N.D.	86.577 #
13)	L3 AR-1232-3	6.035	4.970	28069079	6561024	357.401	11.298 #
14)	L3 AR-1232-4	0.000	5.283	0	76884010	N.D.	105.351 #
15)	L3 AR-1232-5	7.246	5.849	34253338	-36840138	629.658	N.D. #
16)	L4 AR-1242-1	0.000	4.338	0	33390993	N.D.	56.972 #
17)	L4 AR-1242-2	5.984	4.933	4611336	22473153	9.397	18.489 #
18)	L4 AR-1242-3	0.000	5.003	0	5868337	N.D.	13.582 #
19)	L4 AR-1242-4	0.000	5.399	0	18436265	N.D.	44.659 #
20)	L4 AR-1242-5	0.000	5.742	0	23941638	N.D.	25.571 #
21)	L5 AR-1248-1	5.954	4.933	3424625	22473153	4.262	12.807 #
22)	L5 AR-1248-2	6.532	5.483	136.9E6	64217616	161.679	17.527 #
23)	L5 AR-1248-3	6.532	5.506	136.9E6	107.8E6	119.940	41.221 #
24)	L5 AR-1248-4	6.599	5.679	14387776	82012863	13.353	30.711 #
25)	L5 AR-1248-5	6.802	6.020	29000093	116.2E6	40.040	68.919 #
26)	L6 AR-1254-1	6.749	5.625	31962694	61736167	16.456	16.238
27)	L6 AR-1254-2	7.027	5.932	37915697	53345797	31.101	18.065 #
28)	L6 AR-1254-3	7.118	6.243	112.6E6	85295648	51.377	19.065 #
29)	L6 AR-1254-4	7.398	6.552	49207730	44229360	28.243	20.817 #
30)	L6 AR-1254-5	7.671	6.650	22858997	84727654	17.593	22.255 #
31)	L7 AR-1260-1	7.278	6.144	48019788	59199580	30.807	16.046 #
32)	L7 AR-1260-2	7.532	6.332	27767688	169.6E6	13.945	37.858 #
33)	L7 AR-1260-3	7.816	6.478	34829519	40572304	14.958	11.520
34)	L7 AR-1260-4	8.108	6.938	13980659	10985225	8.384	5.343 #
35)	L7 AR-1260-5	8.441	7.178	15261242	37399067	4.068	8.567 #
36)	L8 AR-1262-1	7.175	6.020	19105336	116.2E6	22.571	58.088 #
37)	L8 AR-1262-2	7.948	6.738	10087472	7086955	11.846	4.712 #
38)	L8 AR-1262-3	8.200	7.031	6621046	17452710	8.792	14.296 #
39)	L8 AR-1262-4	8.825	7.453	6651314	5734301	3.129	3.424
40)	L8 AR-1262-5	9.508	8.007	10476387	2861993	6.858	2.261 #
41)	L9 AR-1268-1	7.891	6.678	8721709	20025512	9.561	12.270 #
42)	L9 AR-1268-2	8.165	7.518	2370768	13185816	1.886	3.282 #

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 Response via : Initial Calibration
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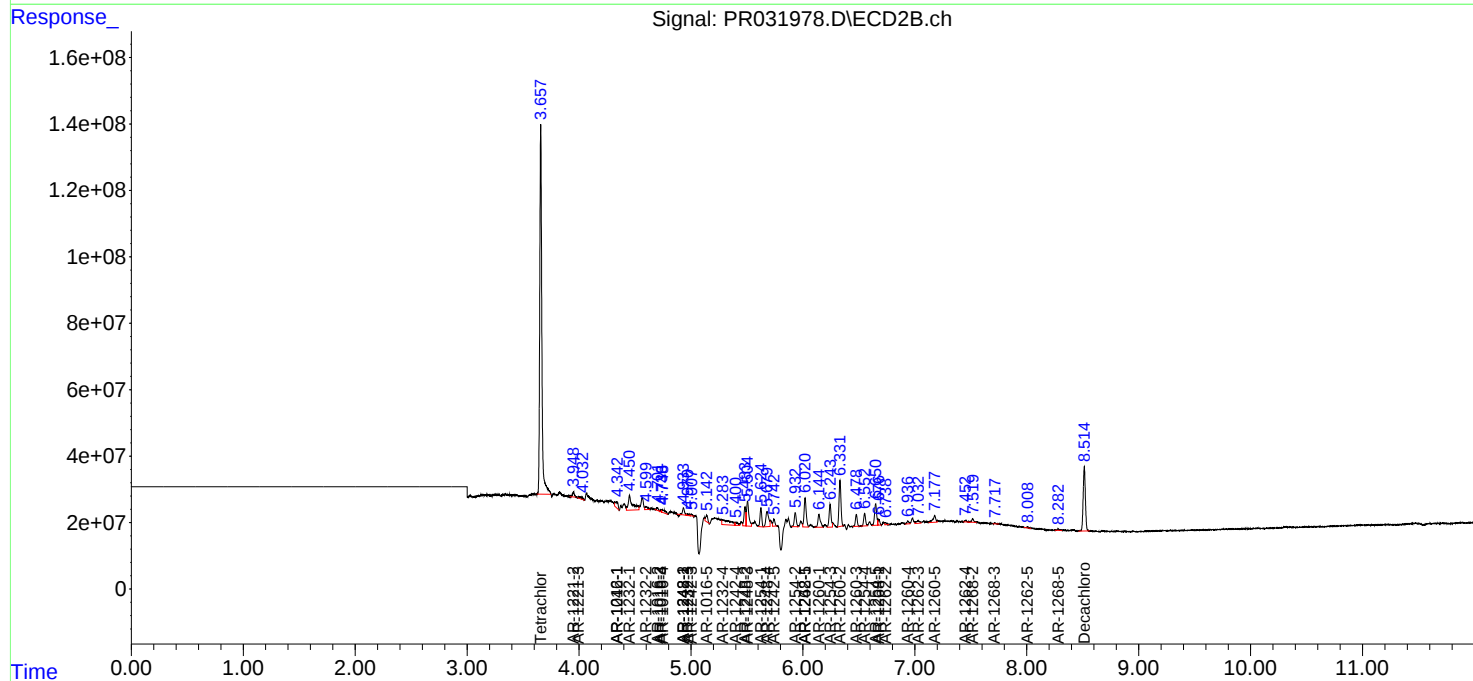
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

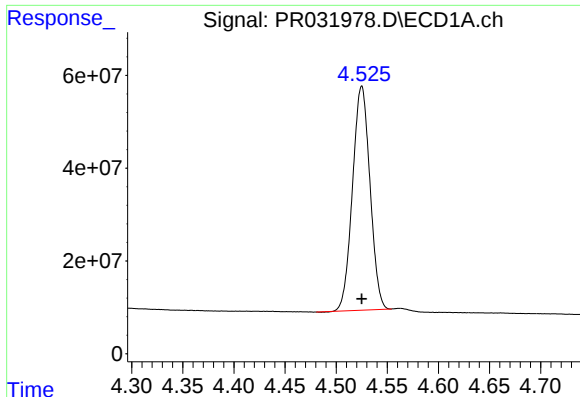
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.773	7.713	8363969	2815059	1.507	0.817 #
45) L9	AR-1268-5	9.928	8.281	8115969	4491562	0.667	0.471 #

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

Instrument :
ECD_R
ClientSampleId :

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

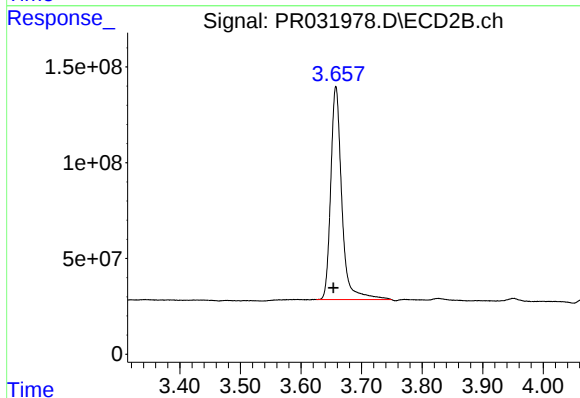




#1 Tetrachloro-m-xylene

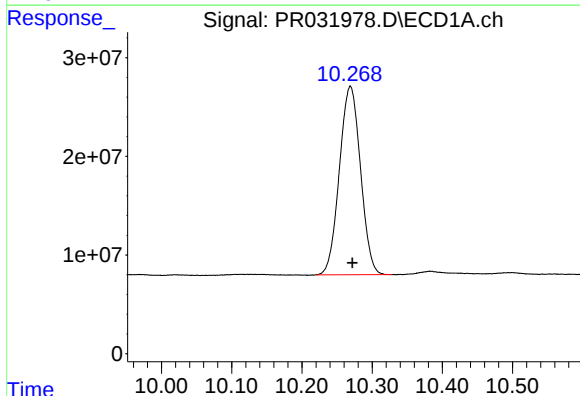
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 573798347
Conc: 29.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



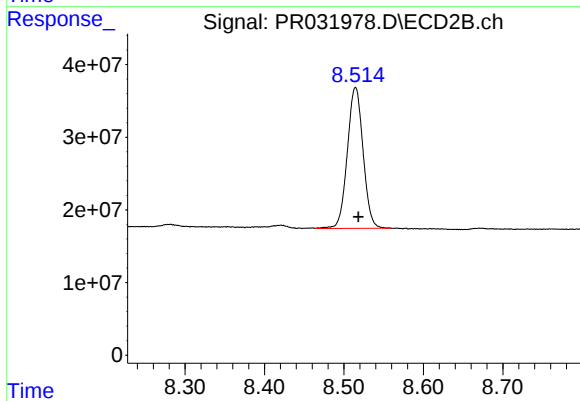
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: 0.004 min
Response: 1416862233
Conc: 38.43 ng/ml



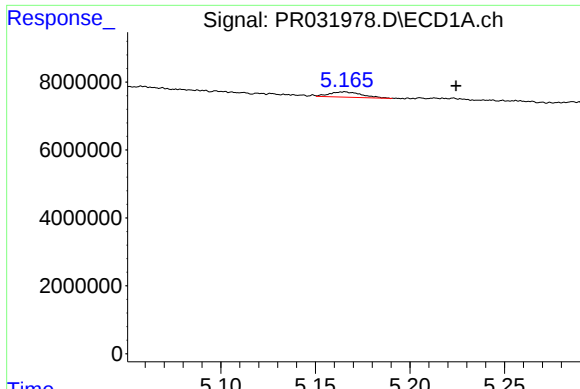
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 398274054
Conc: 12.38 ng/ml



#2 Decachlorobiphenyl

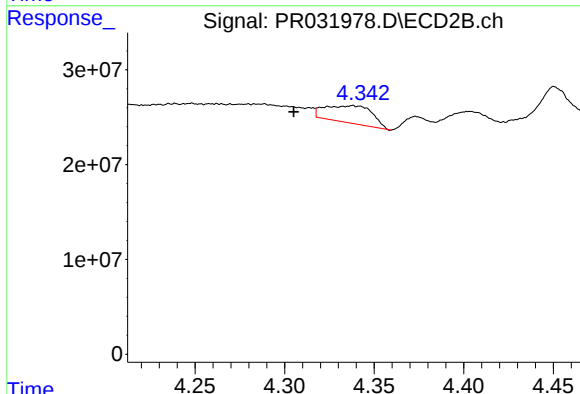
R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 267420066
Conc: 10.21 ng/ml



#3 AR-1016-1

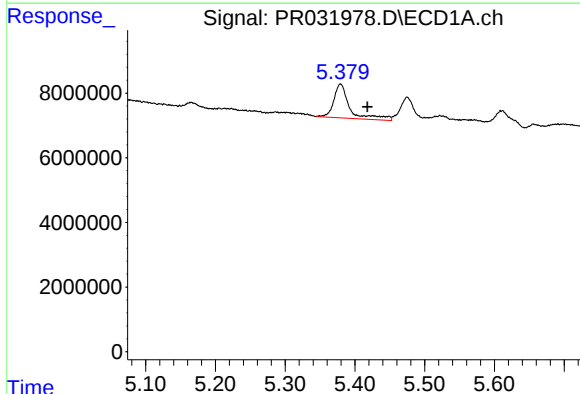
R.T.: 5.165 min
Delta R.T.: -0.059 min
Response: 1514751
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



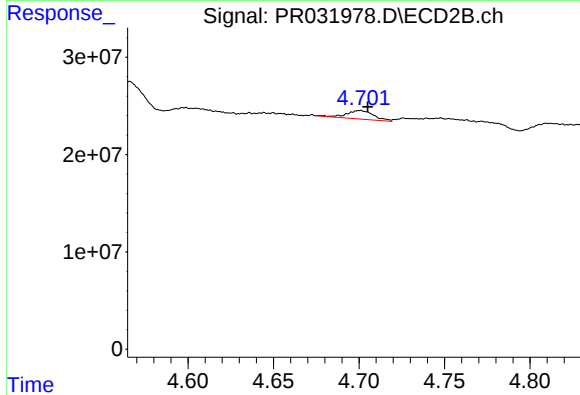
#3 AR-1016-1

R.T.: 4.338 min
Delta R.T.: 0.033 min
Response: 33390993
Conc: 30.51 ng/ml



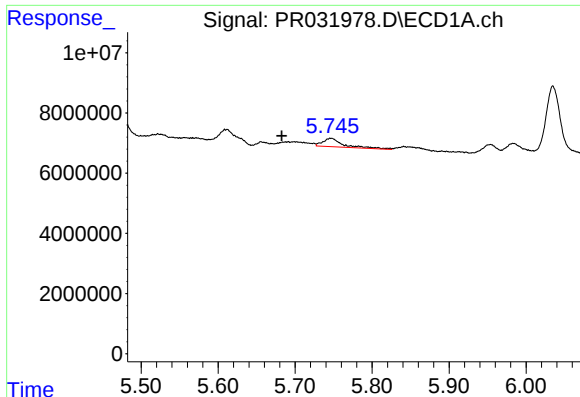
#4 AR-1016-2

R.T.: 5.379 min
Delta R.T.: -0.038 min
Response: 16755467
Conc: 29.62 ng/ml



#4 AR-1016-2

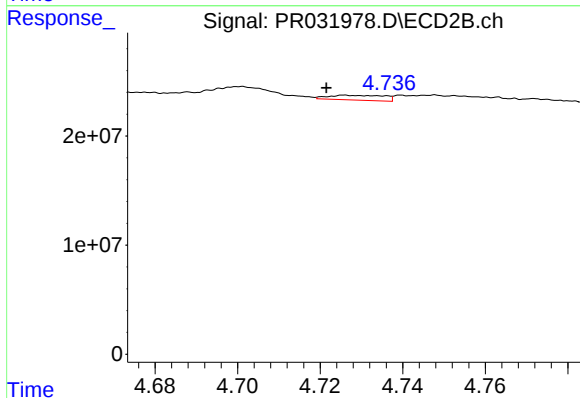
R.T.: 4.701 min
Delta R.T.: -0.005 min
Response: 9590296
Conc: 5.62 ng/ml



#5 AR-1016-3

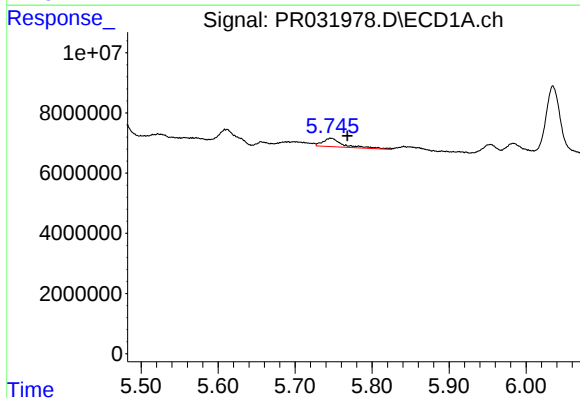
R.T.: 5.747 min
Delta R.T.: 0.064 min
Response: 5292472
Conc: 6.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



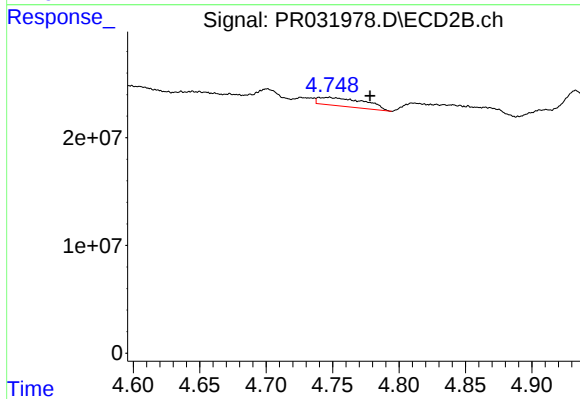
#5 AR-1016-3

R.T.: 4.727 min
Delta R.T.: 0.005 min
Response: 4117243
Conc: 1.42 ng/ml



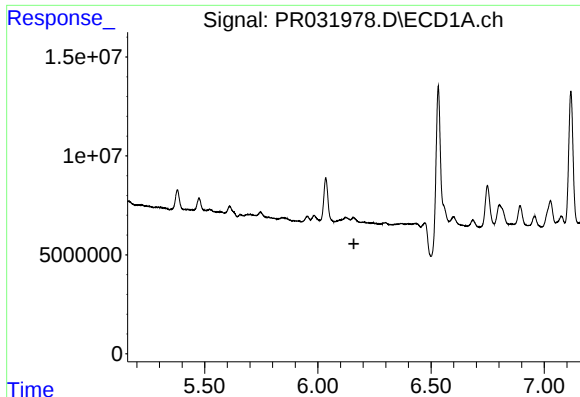
#6 AR-1016-4

R.T.: 5.747 min
Delta R.T.: -0.021 min
Response: 5292472
Conc: 6.76 ng/ml



#6 AR-1016-4

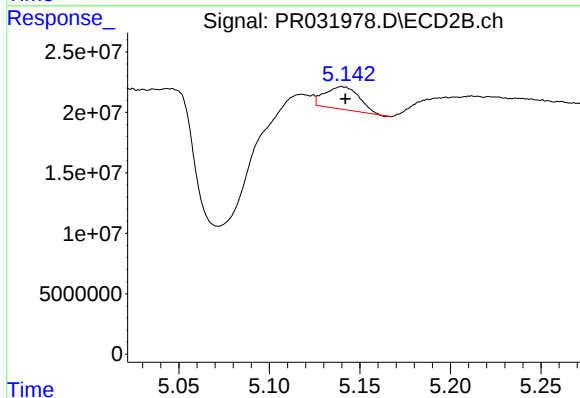
R.T.: 4.747 min
Delta R.T.: -0.031 min
Response: 19039395
Conc: 10.25 ng/ml



#7 AR-1016-5

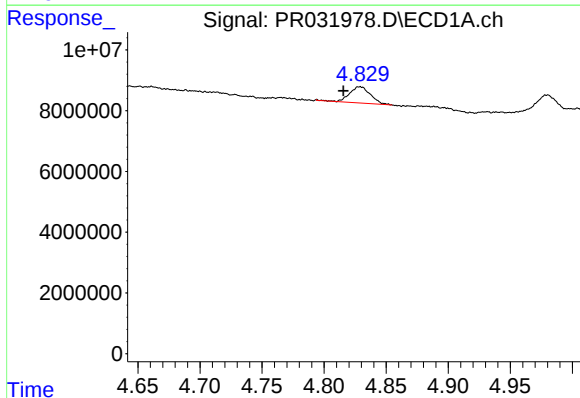
R.T.: 0.000 min
Exp R.T.: 6.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



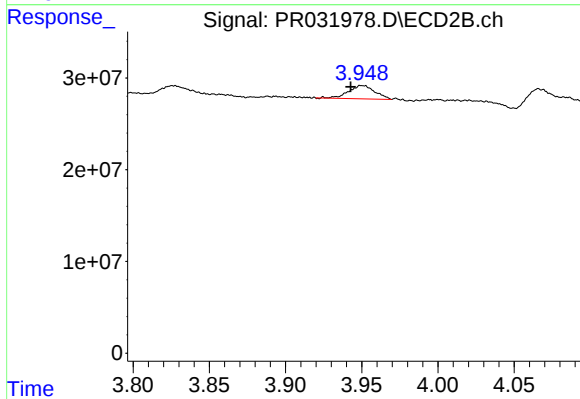
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 24577114
Conc: 14.24 ng/ml



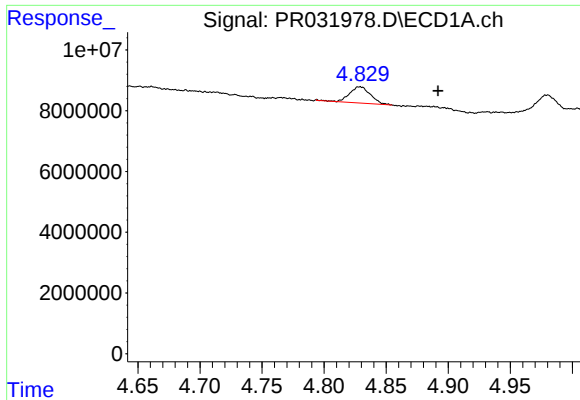
#9 AR-1221-2

R.T.: 4.829 min
Delta R.T.: 0.013 min
Response: 6175879
Conc: 34.76 ng/ml



#9 AR-1221-2

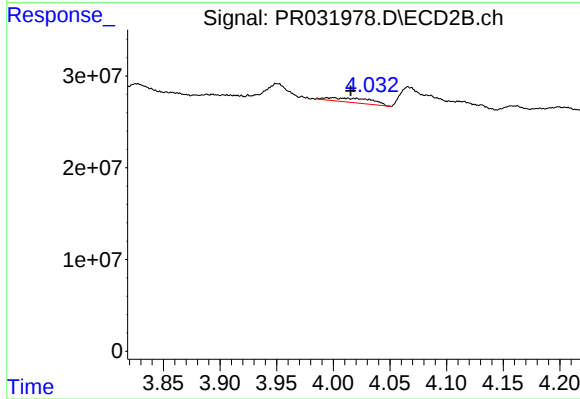
R.T.: 3.951 min
Delta R.T.: 0.008 min
Response: 17450023
Conc: 55.91 ng/ml



#10 AR-1221-3

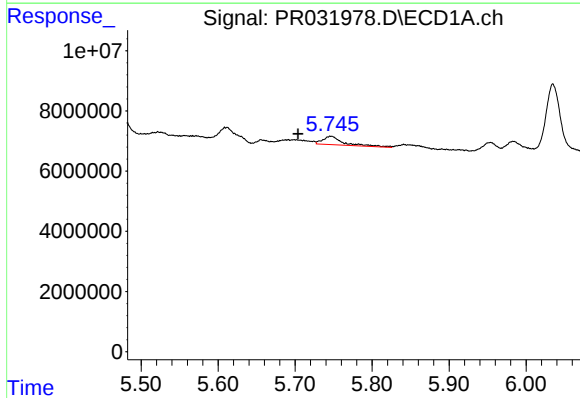
R.T.: 4.829 min
Delta R.T.: -0.063 min
Response: 6175879
Conc: 11.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



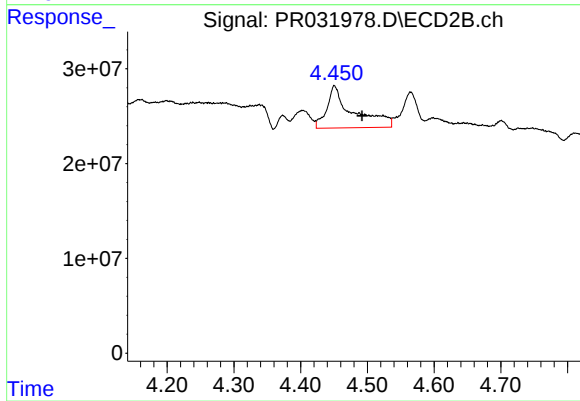
#10 AR-1221-3

R.T.: 3.994 min
Delta R.T.: -0.021 min
Response: 12773643
Conc: 12.38 ng/ml



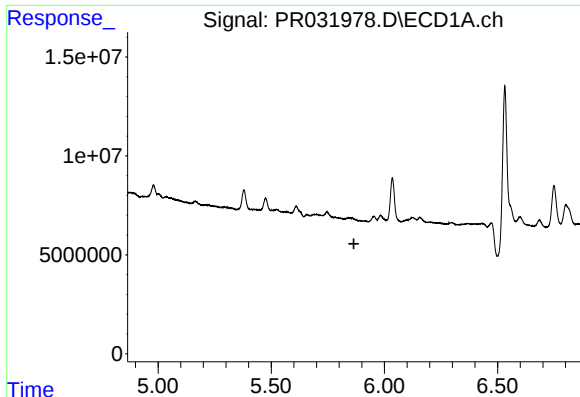
#11 AR-1232-1

R.T.: 5.747 min
Delta R.T.: 0.043 min
Response: 5292472
Conc: 10.09 ng/ml



#11 AR-1232-1

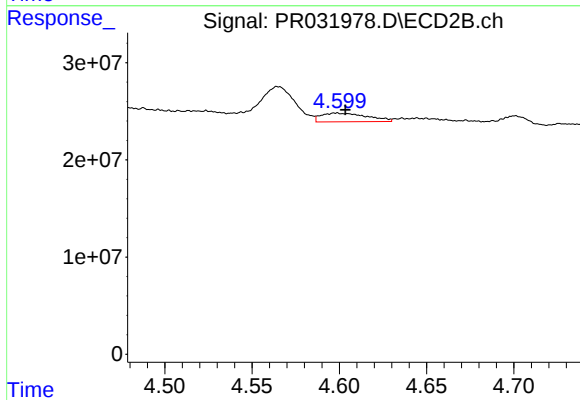
R.T.: 4.451 min
Delta R.T.: -0.041 min
Response: 120052934
Conc: 215.17 ng/ml



#12 AR-1232-2

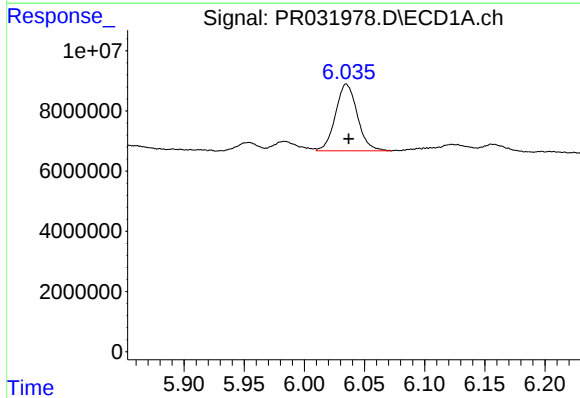
R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



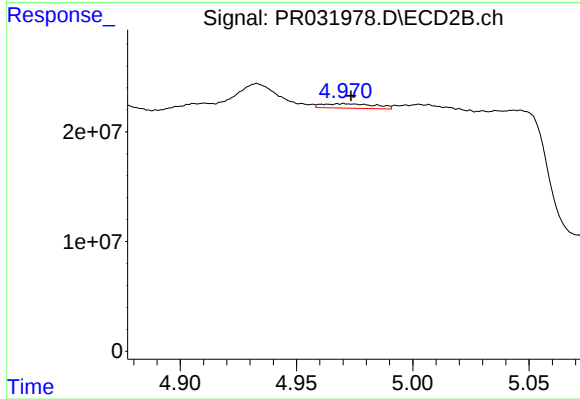
#12 AR-1232-2

R.T.: 4.598 min
Delta R.T.: -0.005 min
Response: 16344199
Conc: 86.58 ng/ml



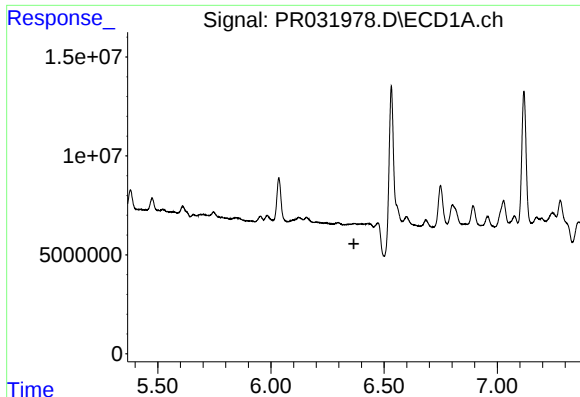
#13 AR-1232-3

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 28069079
Conc: 357.40 ng/ml



#13 AR-1232-3

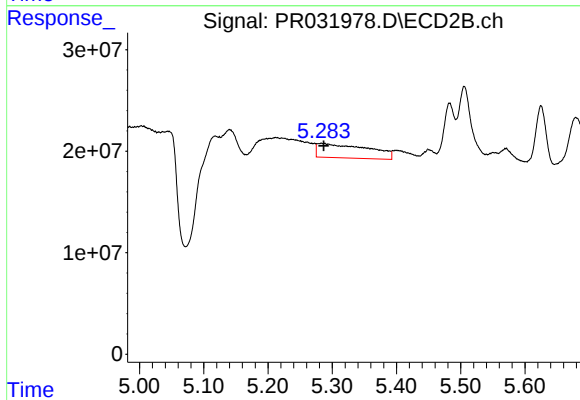
R.T.: 4.970 min
Delta R.T.: -0.003 min
Response: 6561024
Conc: 11.30 ng/ml



#14 AR-1232-4

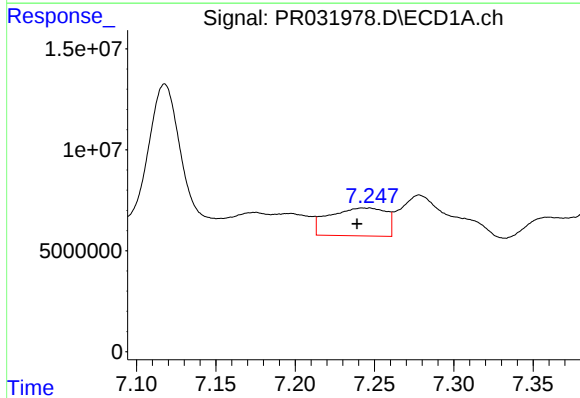
R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



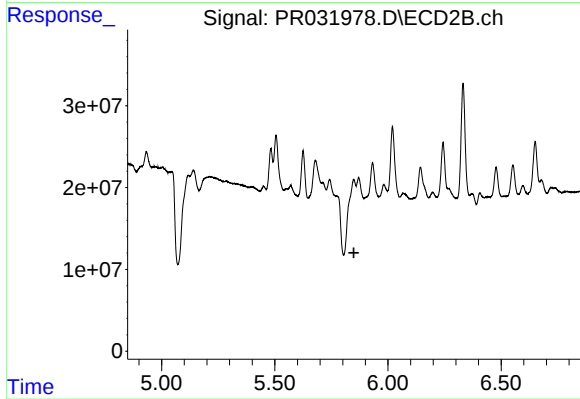
#14 AR-1232-4

R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 76884010
Conc: 105.35 ng/ml



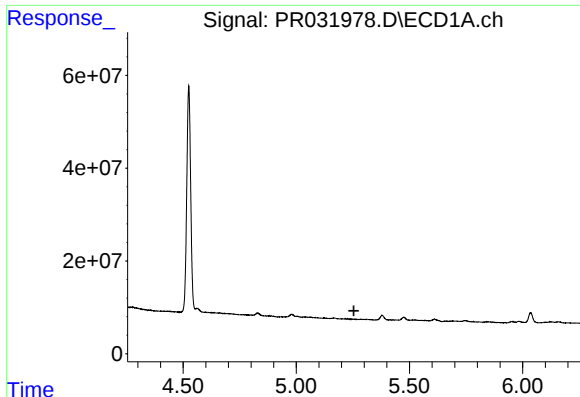
#15 AR-1232-5

R.T.: 7.246 min
Delta R.T.: 0.007 min
Response: 34253338
Conc: 629.66 ng/ml



#15 AR-1232-5

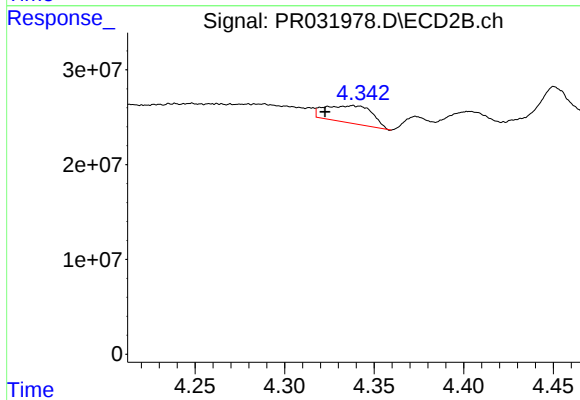
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: -36840138
Conc: N.D.



#16 AR-1242-1

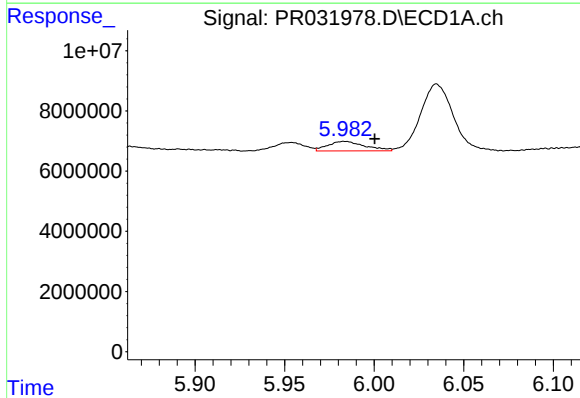
R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



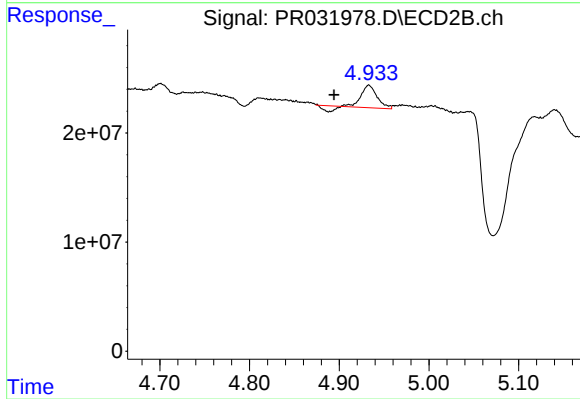
#16 AR-1242-1

R.T.: 4.338 min
Delta R.T.: 0.015 min
Response: 33390993
Conc: 56.97 ng/ml



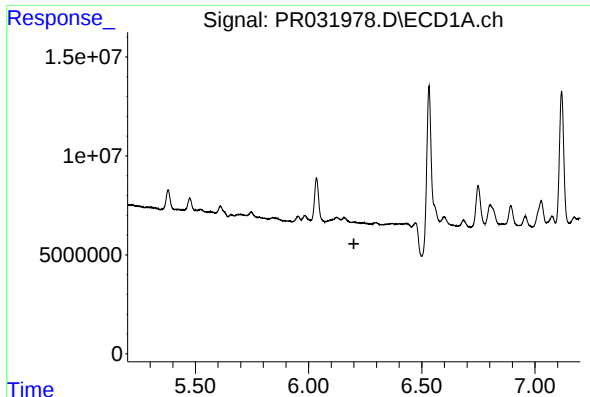
#17 AR-1242-2

R.T.: 5.984 min
Delta R.T.: -0.017 min
Response: 4611336
Conc: 9.40 ng/ml



#17 AR-1242-2

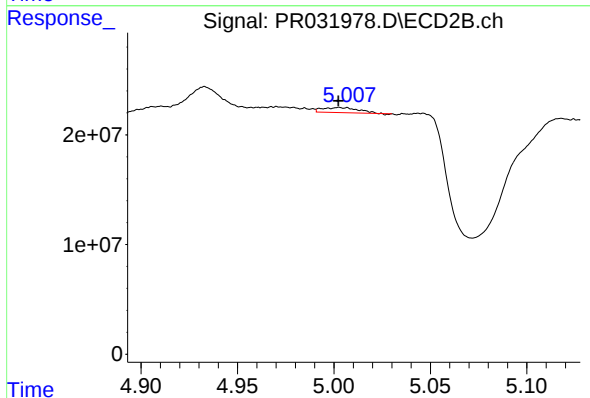
R.T.: 4.933 min
Delta R.T.: 0.039 min
Response: 22473153
Conc: 18.49 ng/ml



#18 AR-1242-3

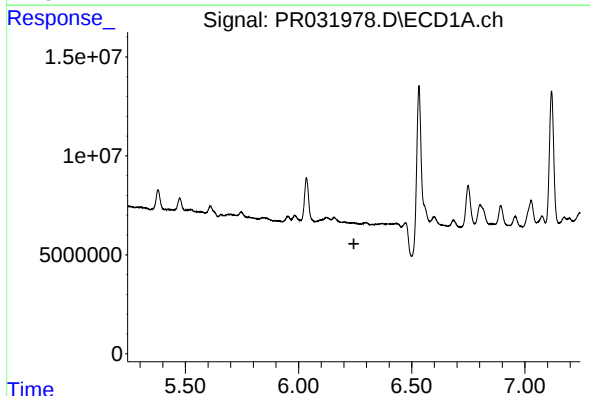
R.T.: 0.000 min
Exp R.T.: 6.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



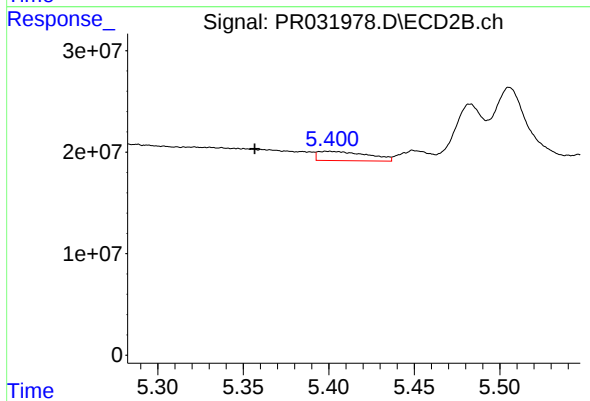
#18 AR-1242-3

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 5868337
Conc: 13.58 ng/ml



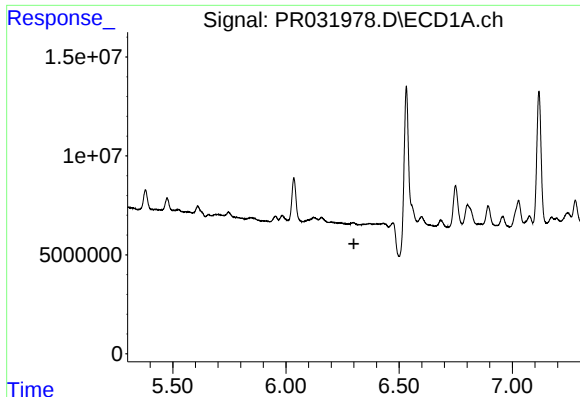
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.244 min
Response: 0
Conc: N.D.



#19 AR-1242-4

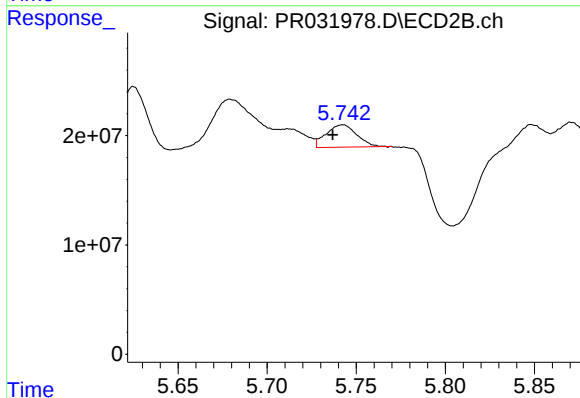
R.T.: 5.399 min
Delta R.T.: 0.043 min
Response: 18436265
Conc: 44.66 ng/ml



#20 AR-1242-5

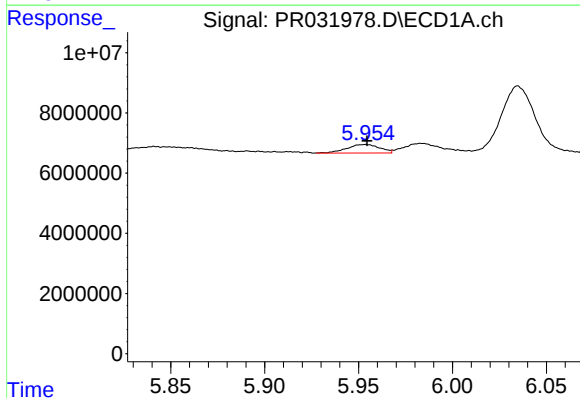
R.T.: 0.000 min
Exp R.T.: 6.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



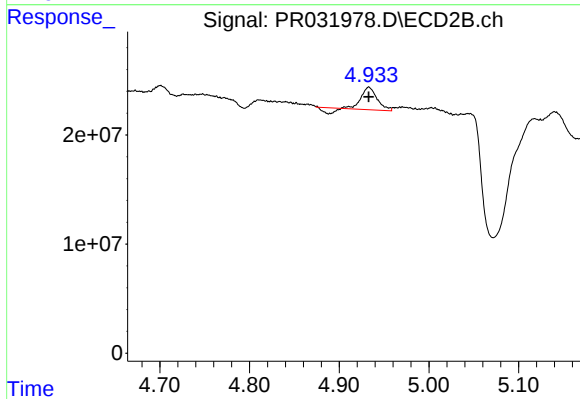
#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.006 min
Response: 23941638
Conc: 25.57 ng/ml



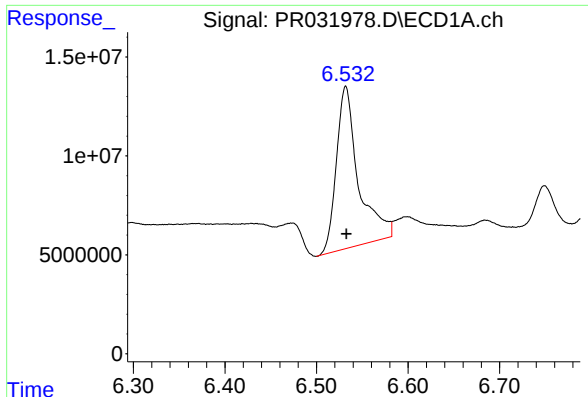
#21 AR-1248-1

R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 3424625
Conc: 4.26 ng/ml



#21 AR-1248-1

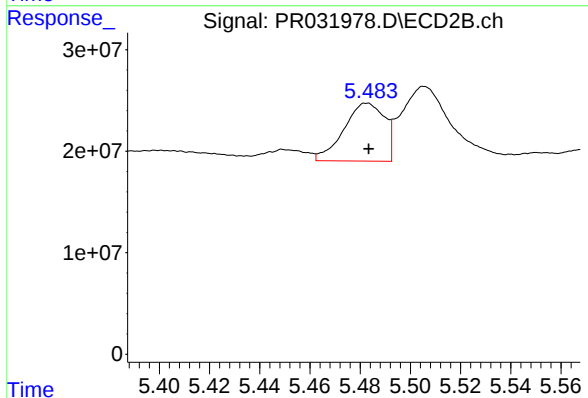
R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 22473153
Conc: 12.81 ng/ml



#22 AR-1248-2

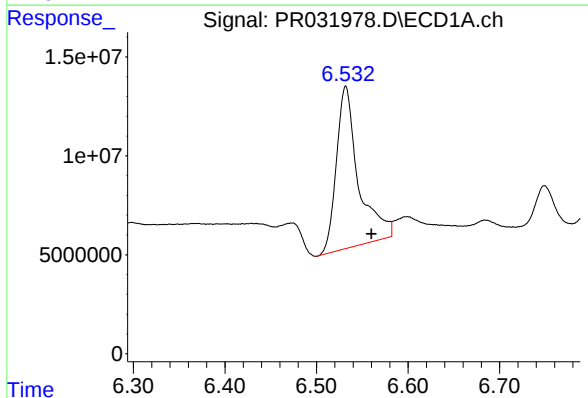
R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 136884186
Conc: 161.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



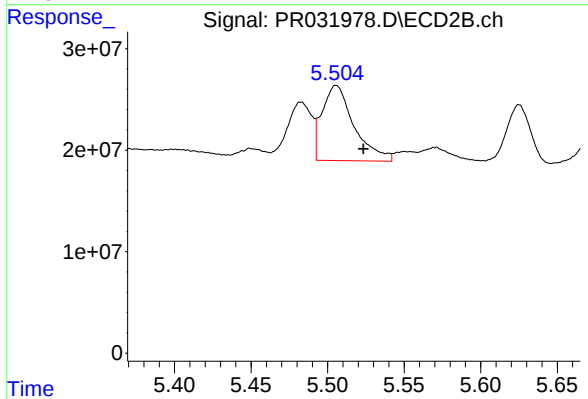
#22 AR-1248-2

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 64217616
Conc: 17.53 ng/ml



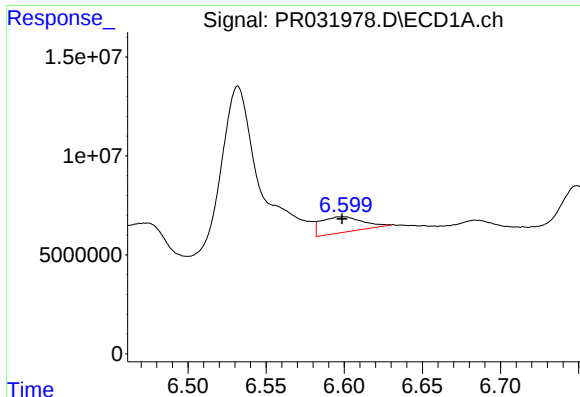
#23 AR-1248-3

R.T.: 6.532 min
Delta R.T.: -0.028 min
Response: 136884186
Conc: 119.94 ng/ml



#23 AR-1248-3

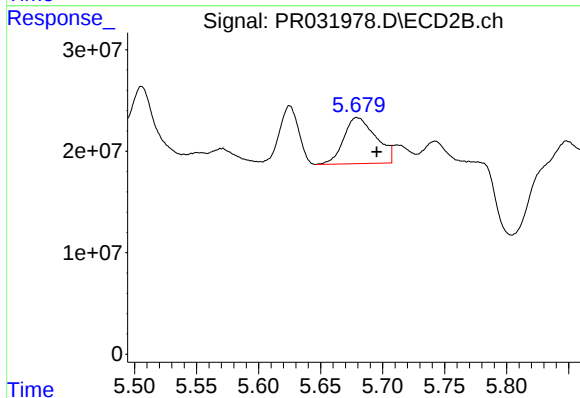
R.T.: 5.506 min
Delta R.T.: -0.018 min
Response: 107840501
Conc: 41.22 ng/ml



#24 AR-1248-4

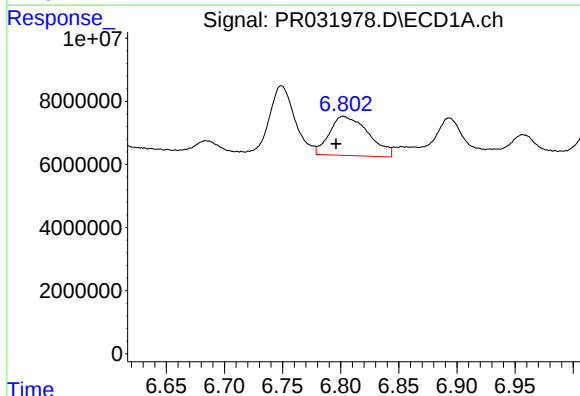
R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 14387776
Conc: 13.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



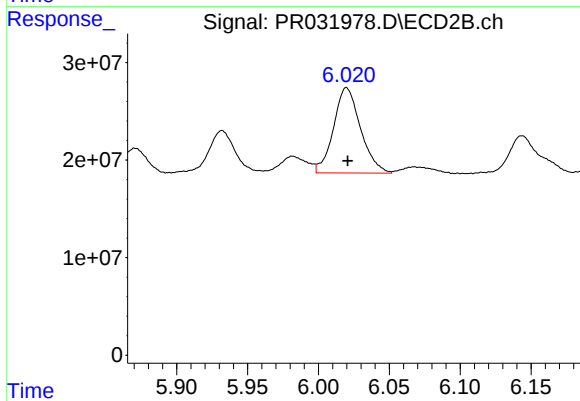
#24 AR-1248-4

R.T.: 5.679 min
Delta R.T.: -0.016 min
Response: 82012863
Conc: 30.71 ng/ml



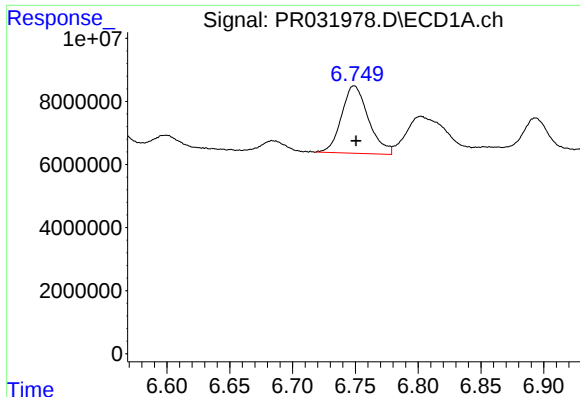
#25 AR-1248-5

R.T.: 6.802 min
Delta R.T.: 0.006 min
Response: 29000093
Conc: 40.04 ng/ml



#25 AR-1248-5

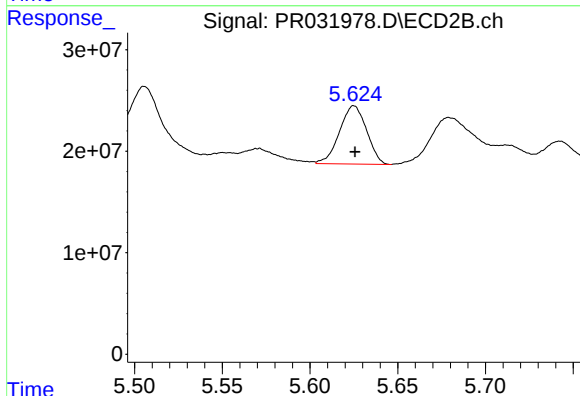
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 116221090
Conc: 68.92 ng/ml



#26 AR-1254-1

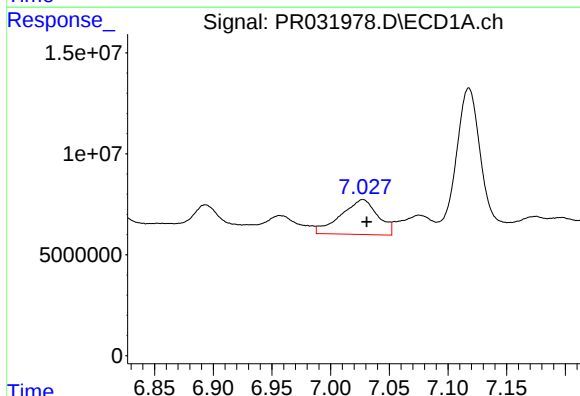
R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 31962694
Conc: 16.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



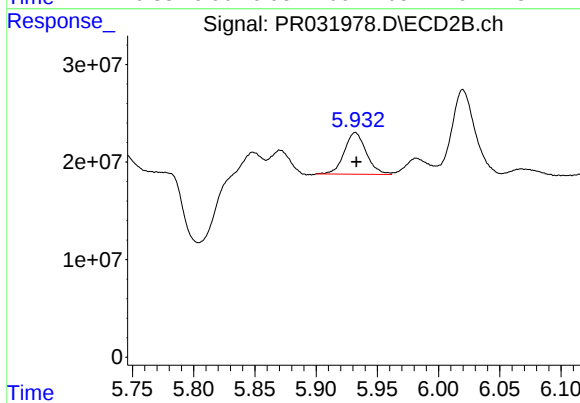
#26 AR-1254-1

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 61736167
Conc: 16.24 ng/ml



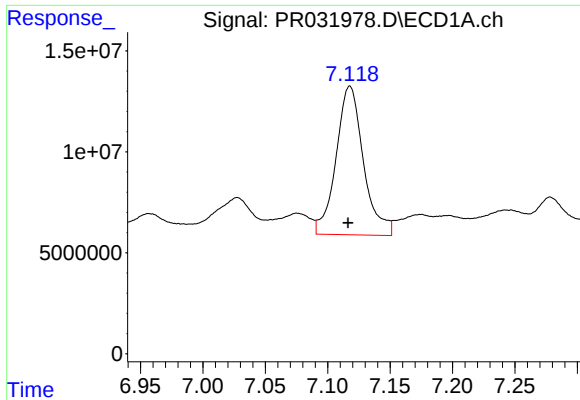
#27 AR-1254-2

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 37915697
Conc: 31.10 ng/ml



#27 AR-1254-2

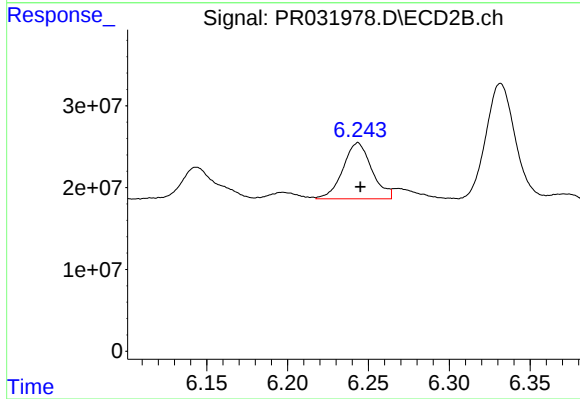
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 53345797
Conc: 18.07 ng/ml



#28 AR-1254-3

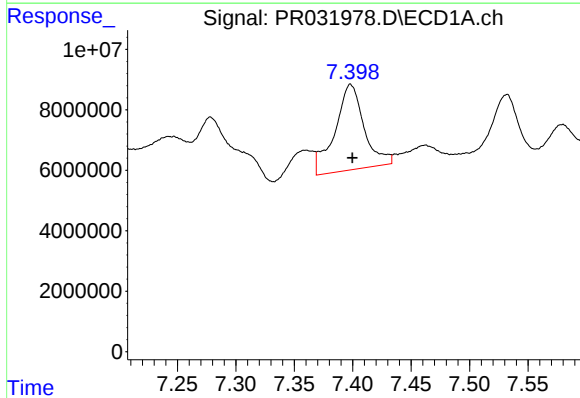
R.T.: 7.118 min
Delta R.T.: 0.002 min
Response: 112572178
Conc: 51.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



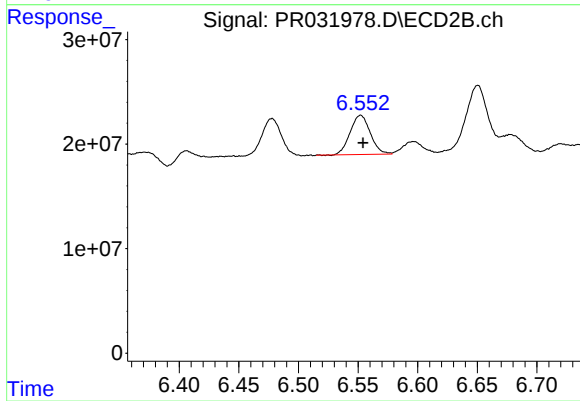
#28 AR-1254-3

R.T.: 6.243 min
Delta R.T.: -0.002 min
Response: 85295648
Conc: 19.07 ng/ml



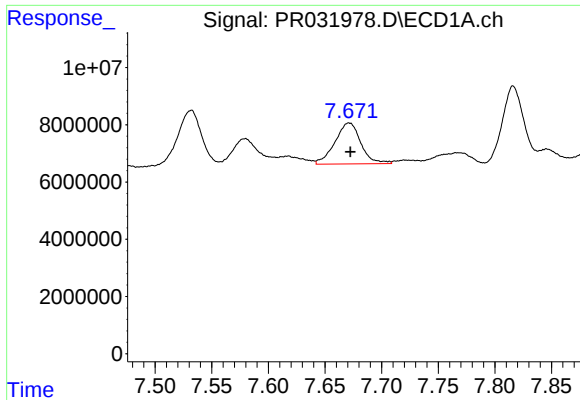
#29 AR-1254-4

R.T.: 7.398 min
Delta R.T.: -0.001 min
Response: 49207730
Conc: 28.24 ng/ml



#29 AR-1254-4

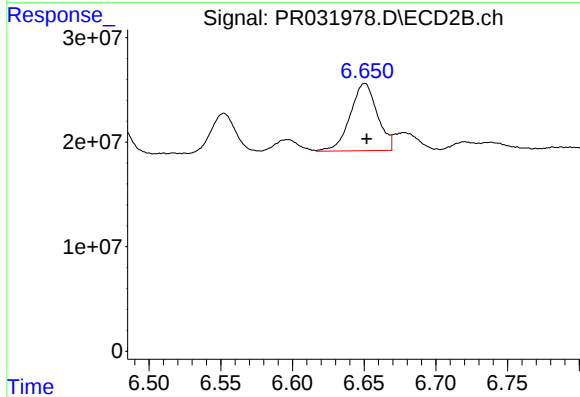
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 44229360
Conc: 20.82 ng/ml



#30 AR-1254-5

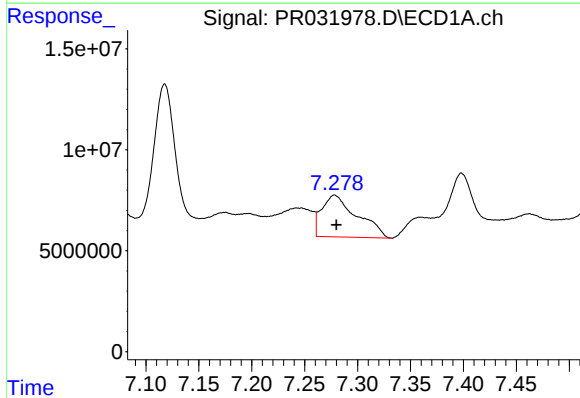
R.T.: 7.671 min
Delta R.T.: -0.001 min
Response: 22858997
Conc: 17.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



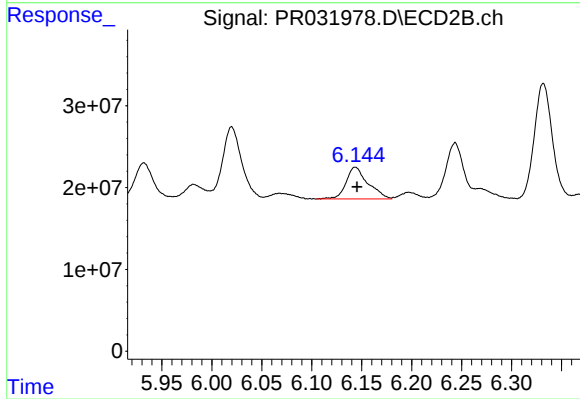
#30 AR-1254-5

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 84727654
Conc: 22.25 ng/ml



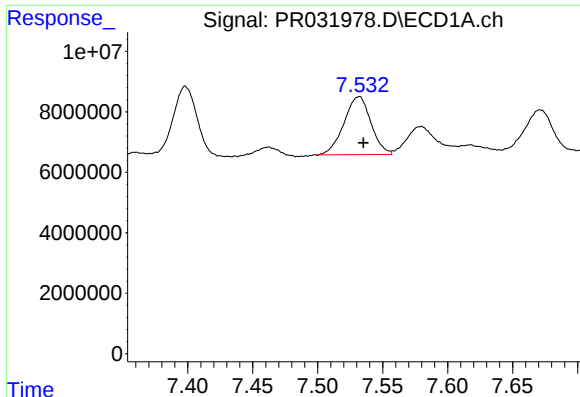
#31 AR-1260-1

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 48019788
Conc: 30.81 ng/ml



#31 AR-1260-1

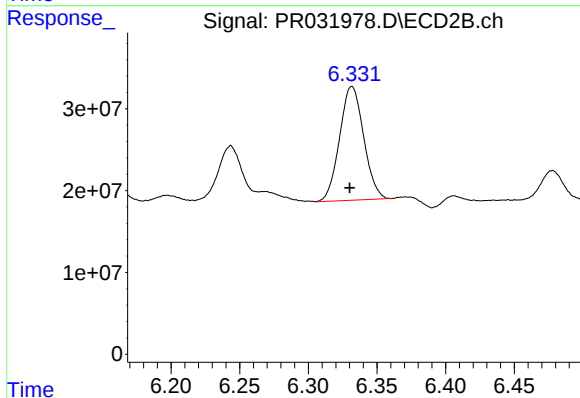
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 59199580
Conc: 16.05 ng/ml



#32 AR-1260-2

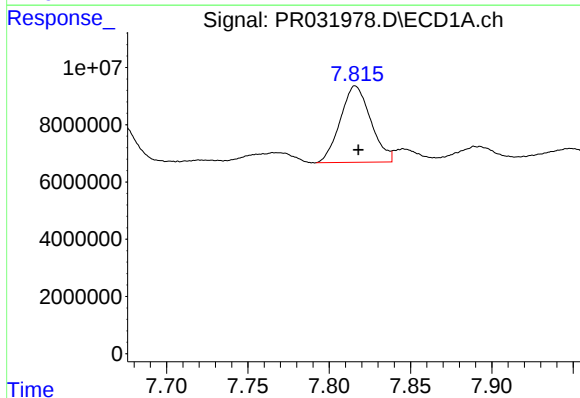
R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 27767688
Conc: 13.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



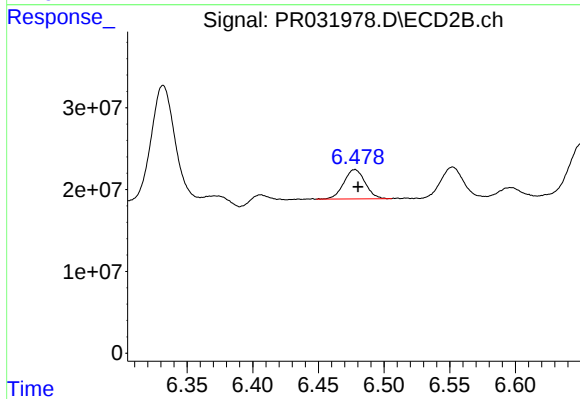
#32 AR-1260-2

R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 169638213
Conc: 37.86 ng/ml



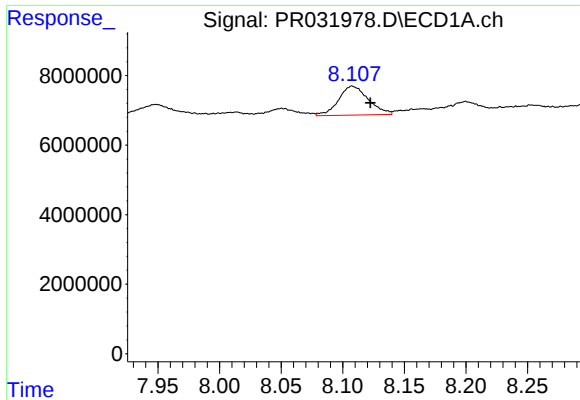
#33 AR-1260-3

R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 34829519
Conc: 14.96 ng/ml



#33 AR-1260-3

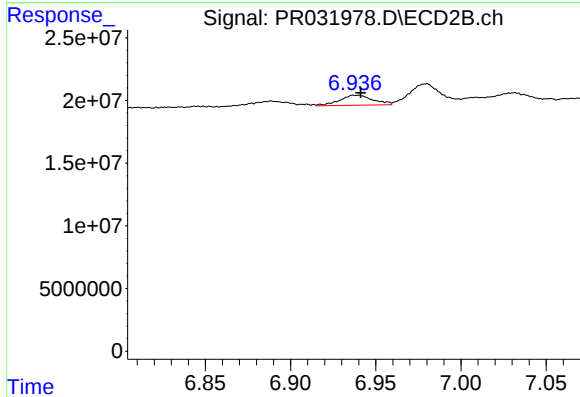
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 40572304
Conc: 11.52 ng/ml



#34 AR-1260-4

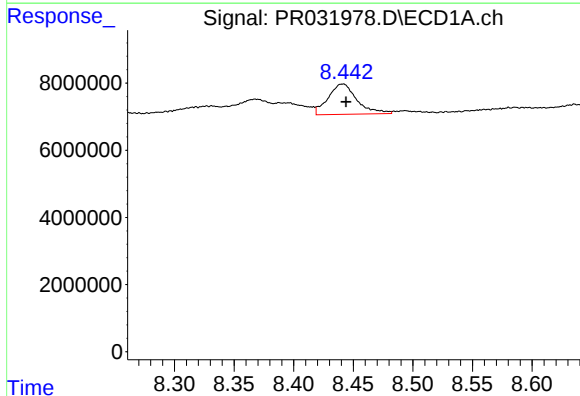
R.T.: 8.108 min
Delta R.T.: -0.015 min
Response: 13980659
Conc: 8.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



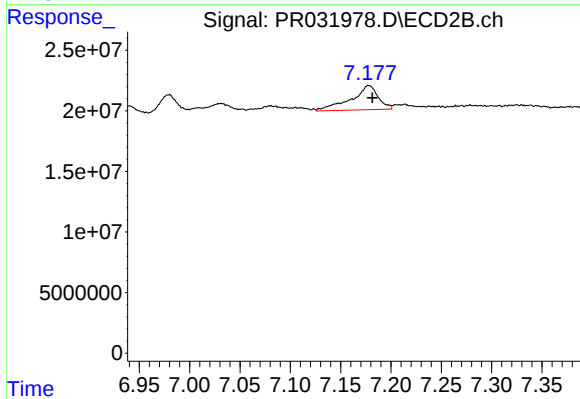
#34 AR-1260-4

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 10985225
Conc: 5.34 ng/ml



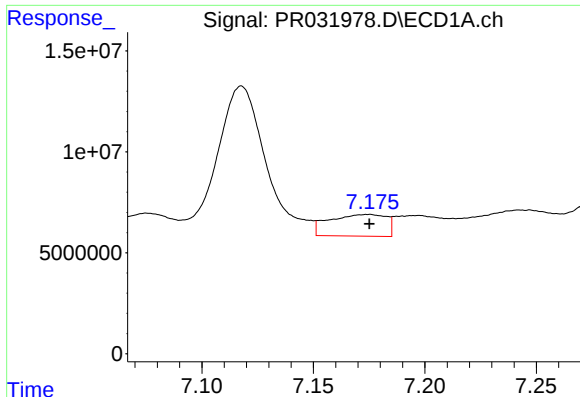
#35 AR-1260-5

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 15261242
Conc: 4.07 ng/ml



#35 AR-1260-5

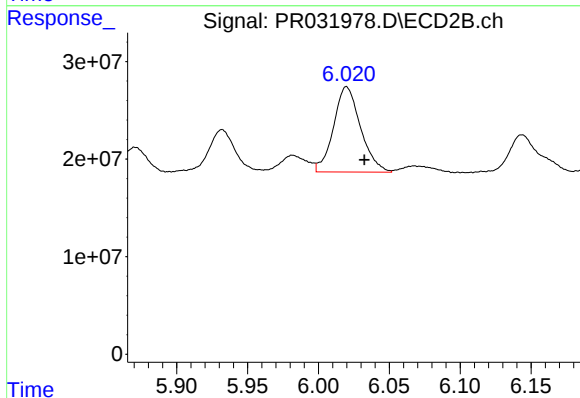
R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 37399067
Conc: 8.57 ng/ml



#36 AR-1262-1

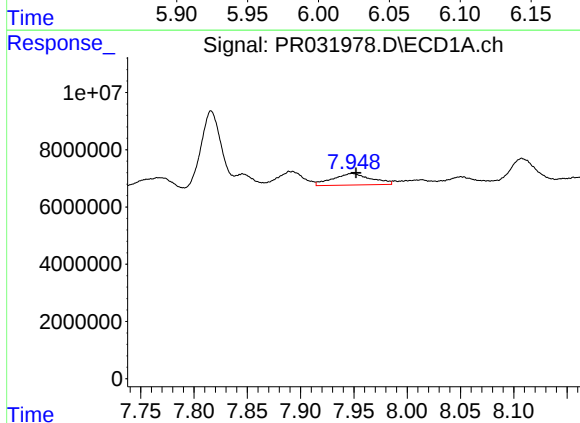
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 19105336
Conc: 22.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



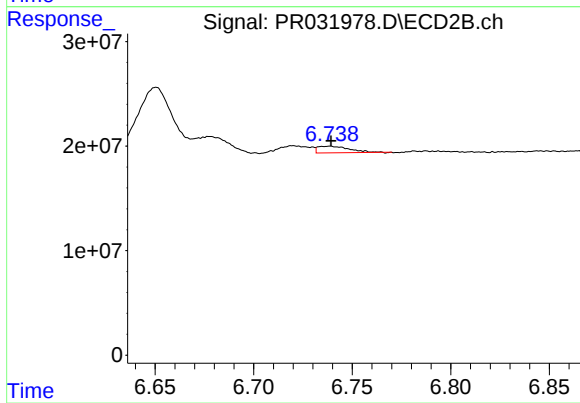
#36 AR-1262-1

R.T.: 6.020 min
Delta R.T.: -0.013 min
Response: 116221090
Conc: 58.09 ng/ml



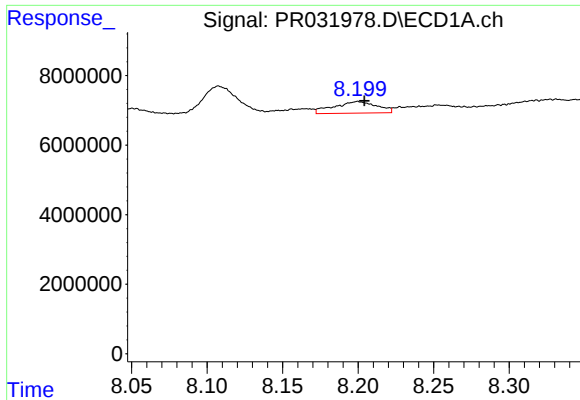
#37 AR-1262-2

R.T.: 7.948 min
Delta R.T.: -0.004 min
Response: 10087472
Conc: 11.85 ng/ml



#37 AR-1262-2

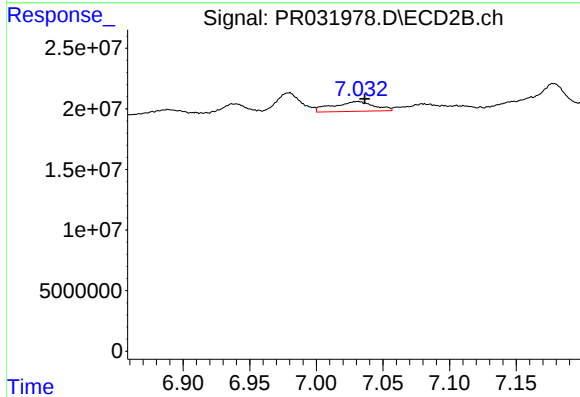
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 7086955
Conc: 4.71 ng/ml



#38 AR-1262-3

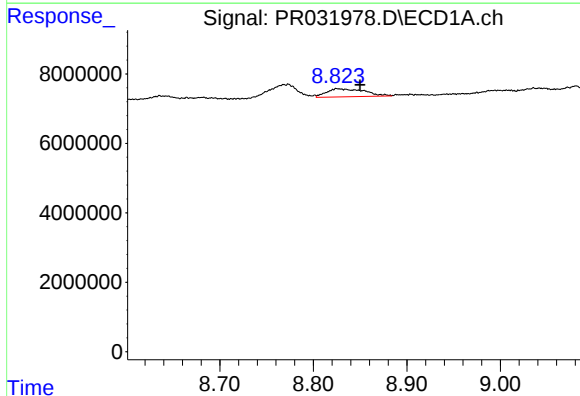
R.T.: 8.200 min
Delta R.T.: -0.004 min
Response: 6621046
Conc: 8.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



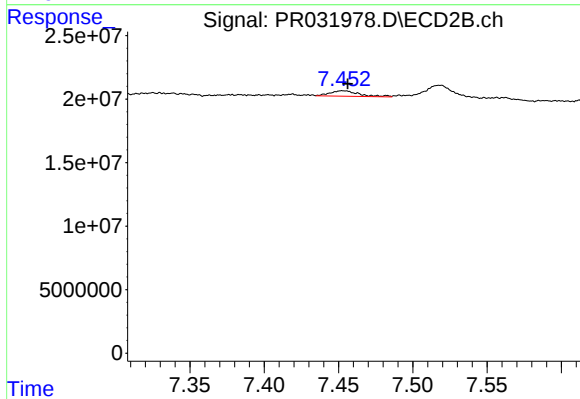
#38 AR-1262-3

R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 17452710
Conc: 14.30 ng/ml



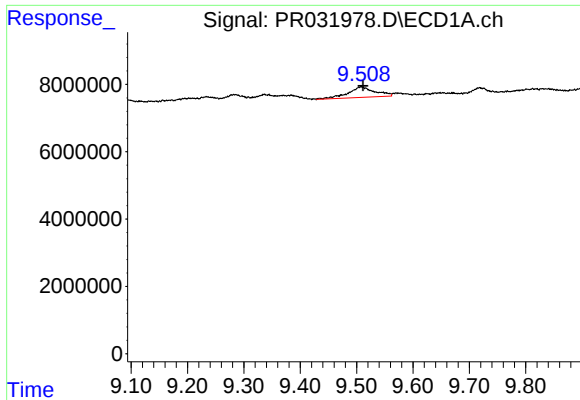
#39 AR-1262-4

R.T.: 8.825 min
Delta R.T.: -0.024 min
Response: 6651314
Conc: 3.13 ng/ml



#39 AR-1262-4

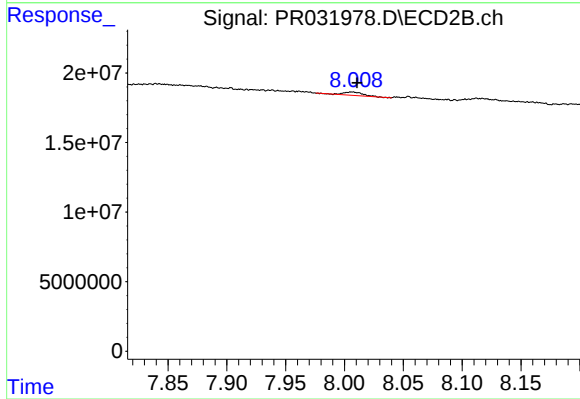
R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 5734301
Conc: 3.42 ng/ml



#40 AR-1262-5

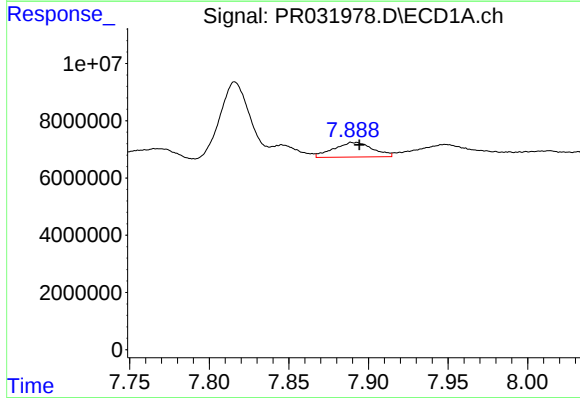
R.T.: 9.508 min
Delta R.T.: -0.003 min
Response: 10476387
Conc: 6.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



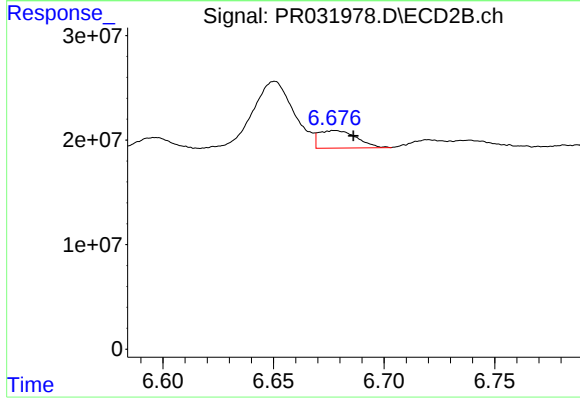
#40 AR-1262-5

R.T.: 8.007 min
Delta R.T.: -0.004 min
Response: 2861993
Conc: 2.26 ng/ml



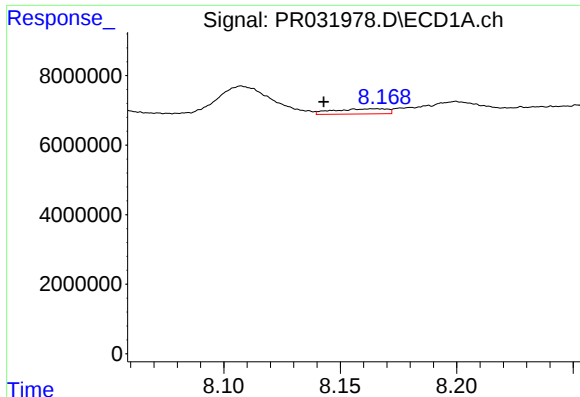
#41 AR-1268-1

R.T.: 7.891 min
Delta R.T.: -0.003 min
Response: 8721709
Conc: 9.56 ng/ml



#41 AR-1268-1

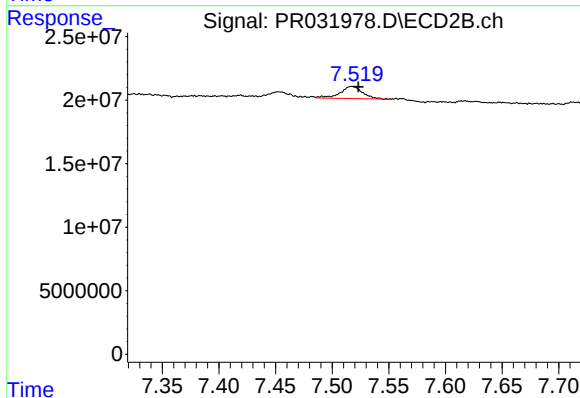
R.T.: 6.678 min
Delta R.T.: -0.008 min
Response: 20025512
Conc: 12.27 ng/ml



#42 AR-1268-2

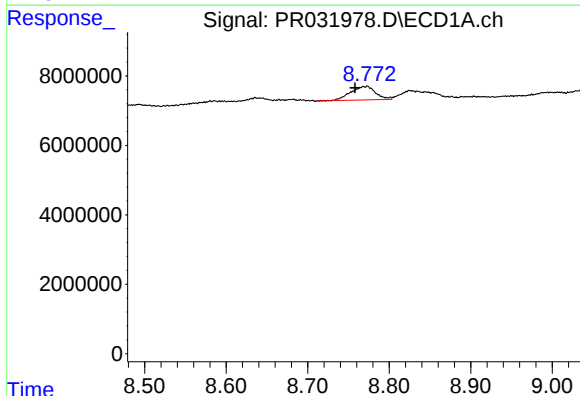
R.T.: 8.165 min
Delta R.T.: 0.022 min
Response: 2370768
Conc: 1.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



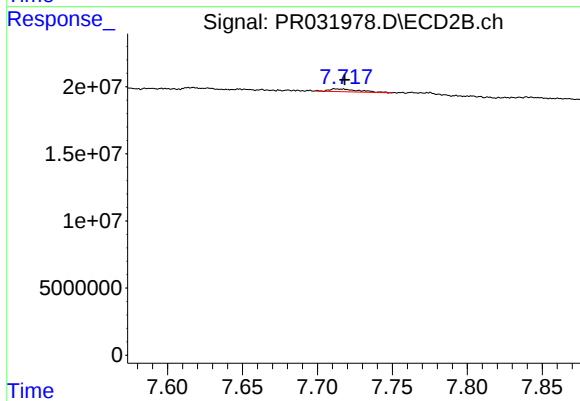
#42 AR-1268-2

R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 13185816
Conc: 3.28 ng/ml



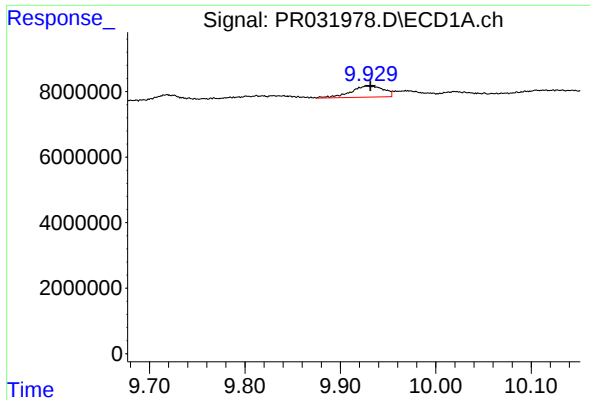
#43 AR-1268-3

R.T.: 8.773 min
Delta R.T.: 0.015 min
Response: 8363969
Conc: 1.51 ng/ml



#43 AR-1268-3

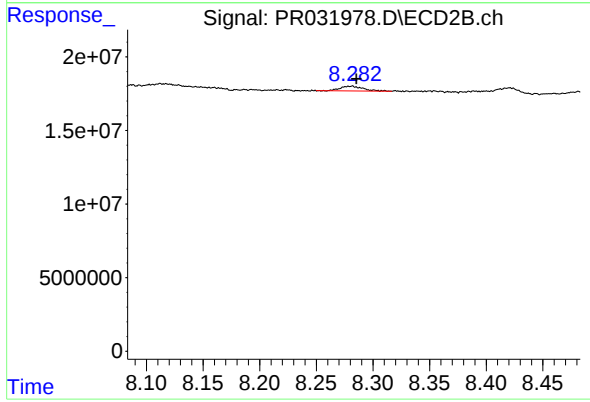
R.T.: 7.713 min
Delta R.T.: -0.006 min
Response: 2815059
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 8115969
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 4491562
Conc: 0.47 ng/ml