

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 20:32
 Operator : AJ\MA
 Sample : M4068-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 04:32:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 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...	4.685	3.852	65421410	51635881	19.847	18.911
2)	SA Decachlor...	10.617	8.857	71888219	65442434	22.181	20.245
Target Compounds							
3)	L1 AR-1016-1	5.871	4.932	5343256	4217667	43.229	43.399
4)	L1 AR-1016-2	5.894	4.949	8077317	5667302	46.647	39.083
5)	L1 AR-1016-3	5.958	5.125	4662091	2964440	42.982	38.308
6)	L1 AR-1016-4	6.060	5.167	3888125	2735296	43.929	43.193
7)	L1 AR-1016-5	6.353	5.378	4063574	3286082	45.084	40.579
8)	L2 AR-1221-1	4.895	4.063	554284	381270	13.571	10.933
9)	L2 AR-1221-2	4.995	4.150	1475665	1010645	43.812	39.304
10)	L2 AR-1221-3	5.068	4.224	2884574	2213605	31.299	27.815
11)	L3 AR-1232-1	5.068	4.224	2884574	2213605	36.884	33.148
12)	L3 AR-1232-2	5.604	4.949	3822619	5667302	91.493	88.543
13)	L3 AR-1232-3	5.894	5.125	8077317	2964440	105.320	86.141
14)	L3 AR-1232-4	6.060	5.208	3888125	3033715	98.261	98.199
15)	L3 AR-1232-5	6.143	5.378	3690051	3286082	116.300	99.713
16)	L4 AR-1242-1	5.871	4.932	5343256	4217667	55.748	58.386
17)	L4 AR-1242-2	5.894	4.949	8077317	5667302	62.557	51.915
18)	L4 AR-1242-3	5.958	5.125	4662091	2964440	56.316	49.997
19)	L4 AR-1242-4	6.060	5.208	3888125	3033715	57.028	52.402
20)	L4 AR-1242-5	6.798	5.726	4150091	3644407	55.725	51.558
21)	L5 AR-1248-1	5.871	4.932	5343256	4217667	74.970	73.638
22)	L5 AR-1248-2	6.143	5.167	3690051	2735296	36.337	34.444
23)	L5 AR-1248-3	6.353	5.208	4063574	3033715	36.064	35.987
24)	L5 AR-1248-4	6.757	5.378	3997371	3286082	31.556	33.136
25)	L5 AR-1248-5	6.798	5.768	4150091	2858744	34.011	29.261
26)	L6 AR-1254-1	6.729	5.726	3179292	3644407	24.224	24.037
27)	L6 AR-1254-2	6.961	5.874	3577392	999901	17.682	7.625 #
28)	L6 AR-1254-3	7.322	6.274	1345555	1445468	6.347	6.548
29)	L6 AR-1254-4	7.605	6.501	1275949	946706	8.080	6.950
30)	L6 AR-1254-5	8.026	6.915	441005	381408	2.502	1.835 #
31)	L7 AR-1260-1	7.485	6.419	209844	504516	1.351	3.545 #
32)	L7 AR-1260-2	7.733	6.592	620814	356386	3.327	2.053 #
33)	L7 AR-1260-3	8.093	6.737	35049	173259	0.239	1.027 #
34)	L7 AR-1260-4	8.333	7.215	282650	52130	1.658	0.343 #
35)	L7 AR-1260-5	0.000	7.451	0	49506	N.D.	0.135 #
36)	L8 AR-1262-1	8.093	6.915	35049	381408	0.173	3.521 #
37)	L8 AR-1262-2	0.000	7.451	0	49506	N.D.	0.127 #
38)	L8 AR-1262-3	0.000	7.732	0	60000	N.D.	0.376 #
40)	L8 AR-1262-5	0.000	8.302	0	22549	N.D.	0.156 #
41)	L9 AR-1268-1	0.000	7.732	0	60000	N.D.	0.127 #
43)	L9 AR-1268-3	0.000	7.986f	0	66731	N.D.	0.173 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.302	0	22549	N.D.	0.138 #
45) L9	AR-1268-5	10.261	8.597	585398	591973	0.504	0.475

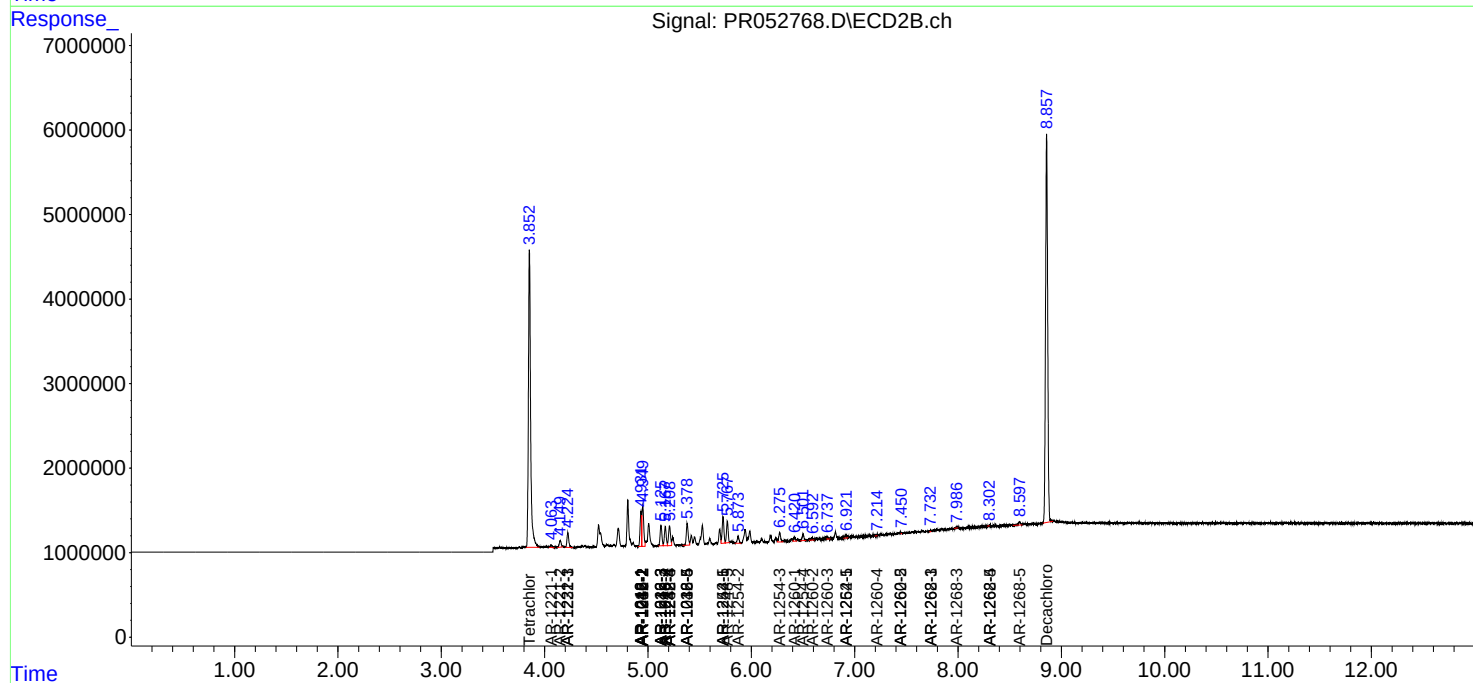
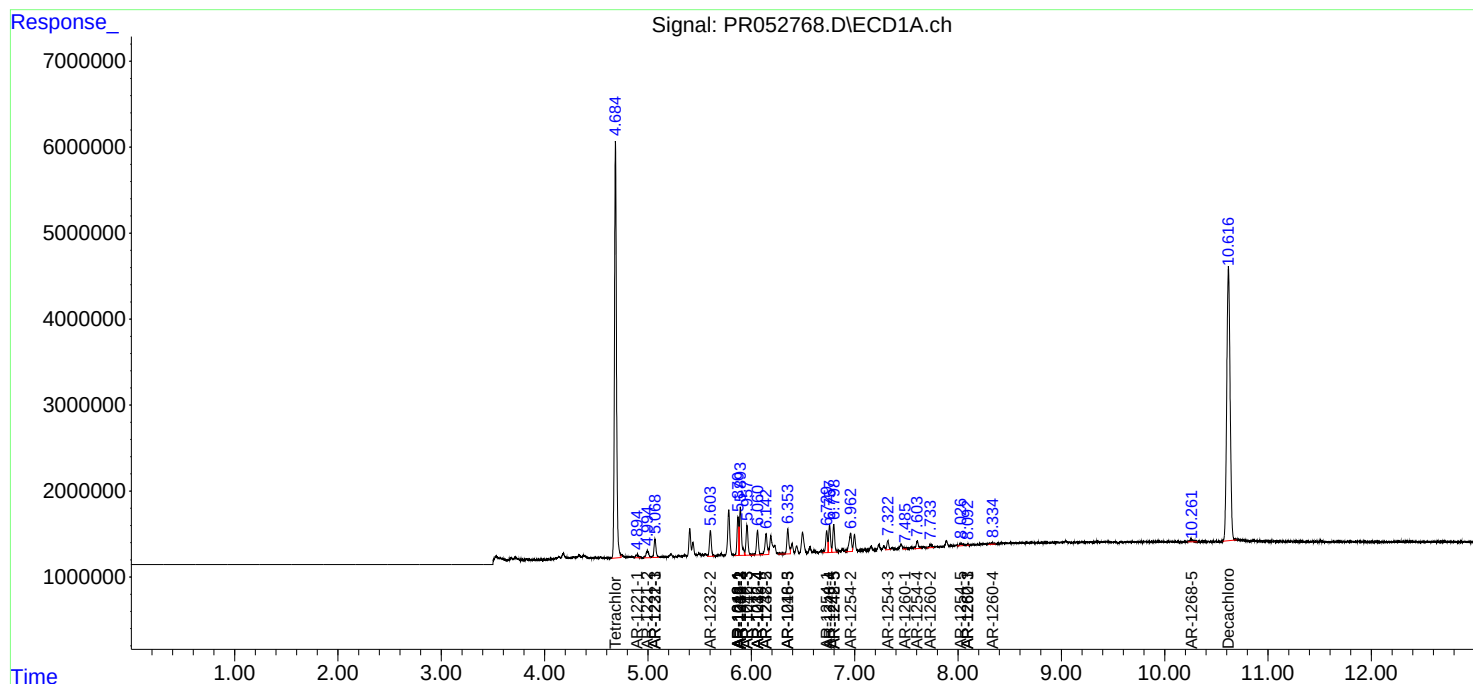
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

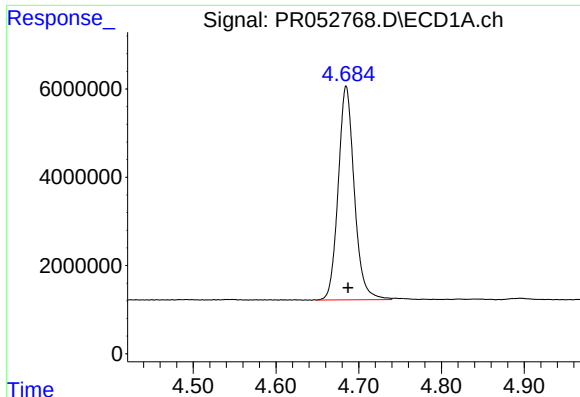
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

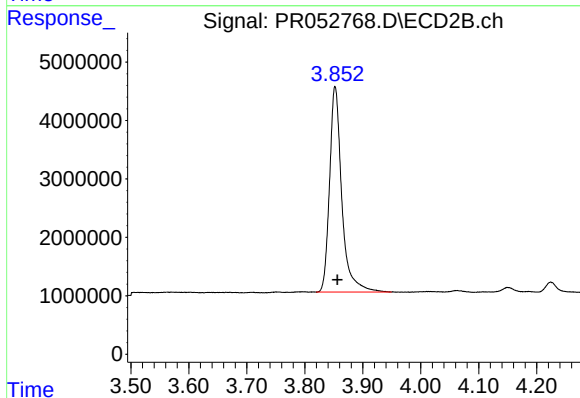




#1 Tetrachloro-m-xylene

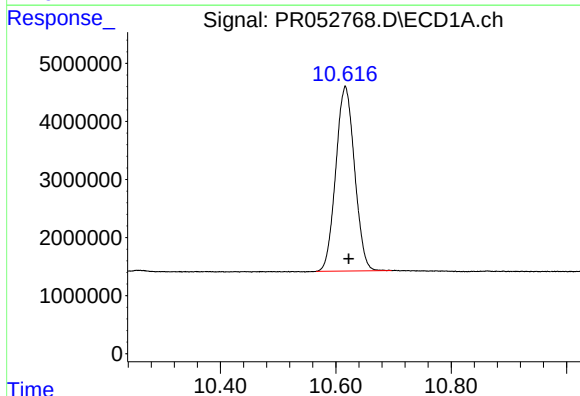
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 65421410
Conc: 19.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



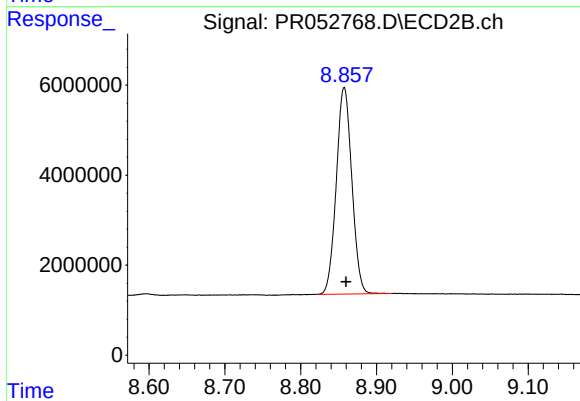
#1 Tetrachloro-m-xylene

R.T.: 3.852 min
Delta R.T.: -0.004 min
Response: 51635881
Conc: 18.91 ng/ml



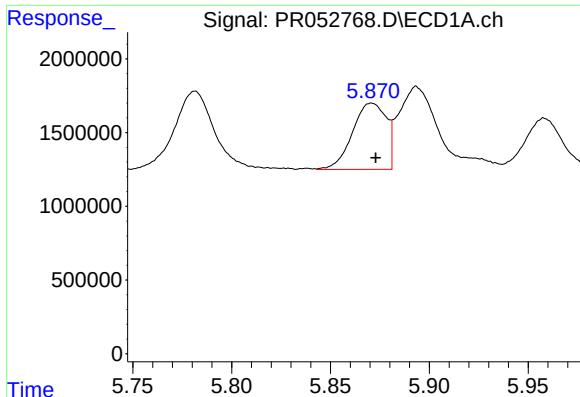
#2 Decachlorobiphenyl

R.T.: 10.617 min
Delta R.T.: -0.006 min
Response: 71888219
Conc: 22.18 ng/ml



#2 Decachlorobiphenyl

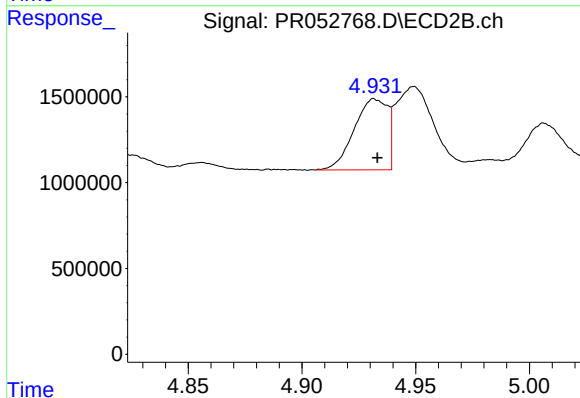
R.T.: 8.857 min
Delta R.T.: -0.003 min
Response: 65442434
Conc: 20.25 ng/ml



#3 AR-1016-1

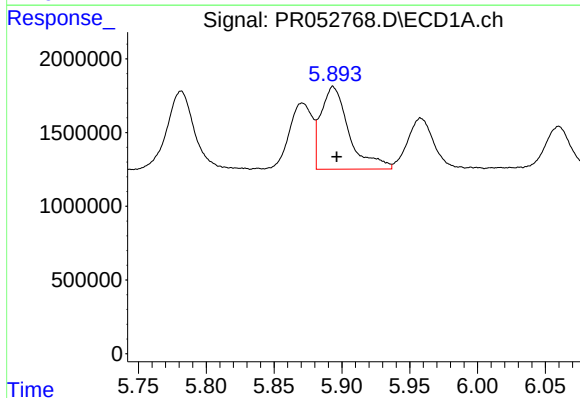
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 5343256
Conc: 43.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



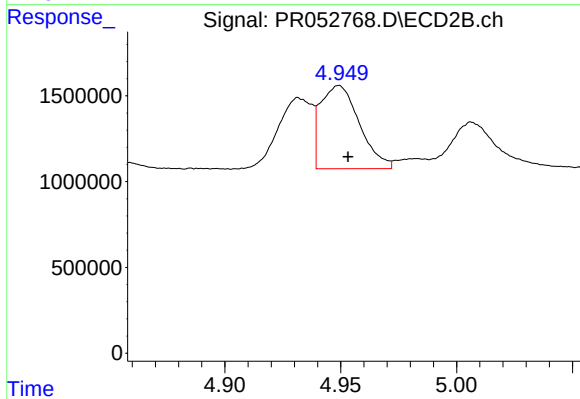
#3 AR-1016-1

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 4217667
Conc: 43.40 ng/ml



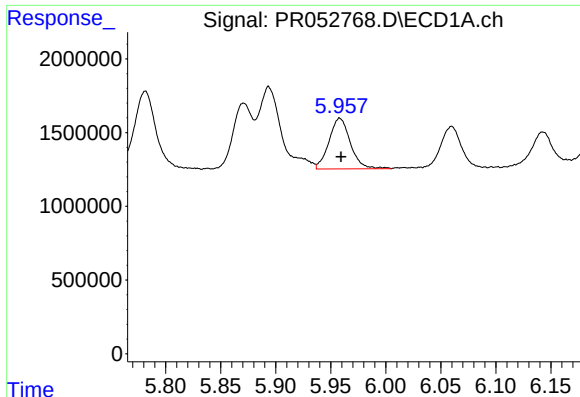
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 8077317
Conc: 46.65 ng/ml



#4 AR-1016-2

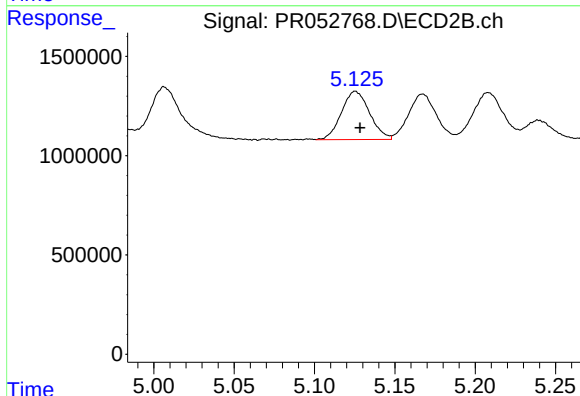
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 5667302
Conc: 39.08 ng/ml



#5 AR-1016-3

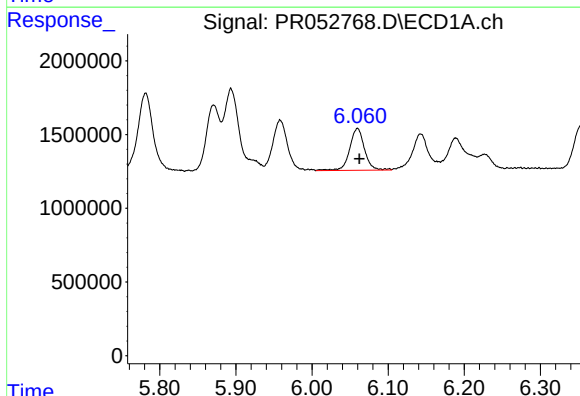
R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 4662091
Conc: 42.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



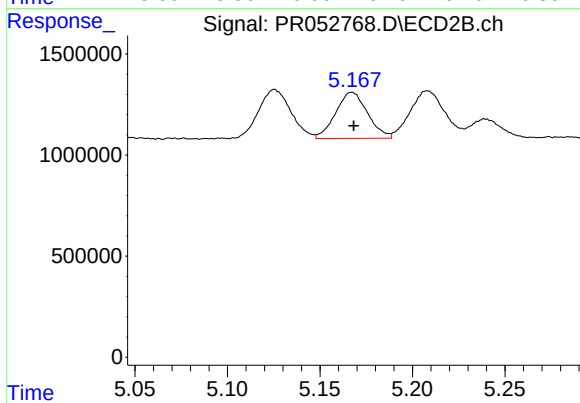
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 2964440
Conc: 38.31 ng/ml



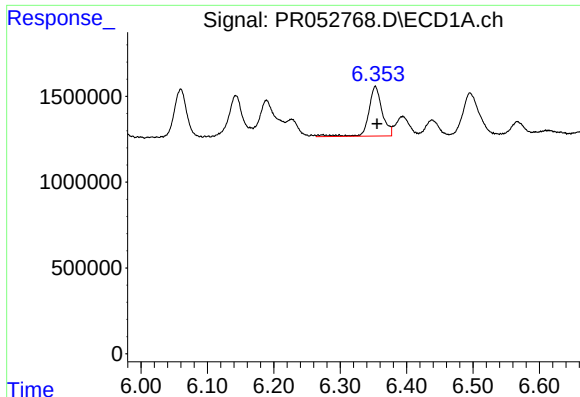
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3888125
Conc: 43.93 ng/ml



#6 AR-1016-4

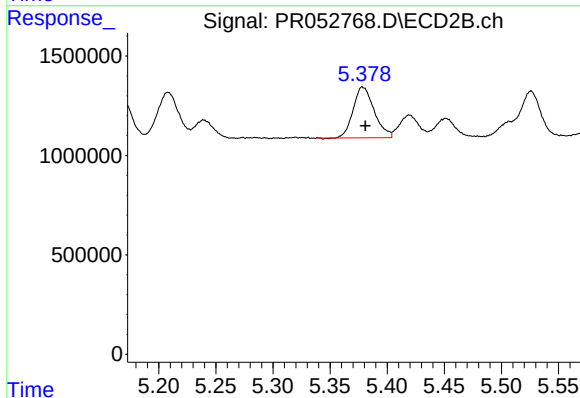
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 2735296
Conc: 43.19 ng/ml



#7 AR-1016-5

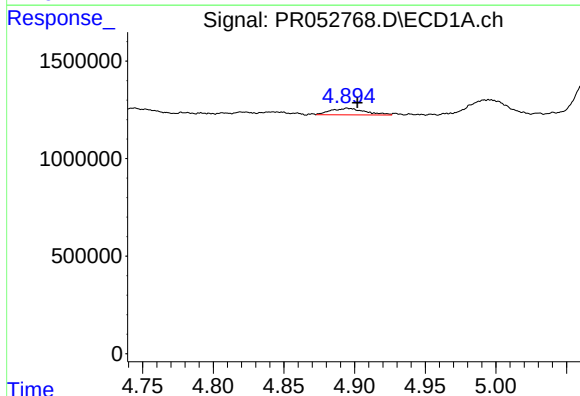
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 4063574
Conc: 45.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



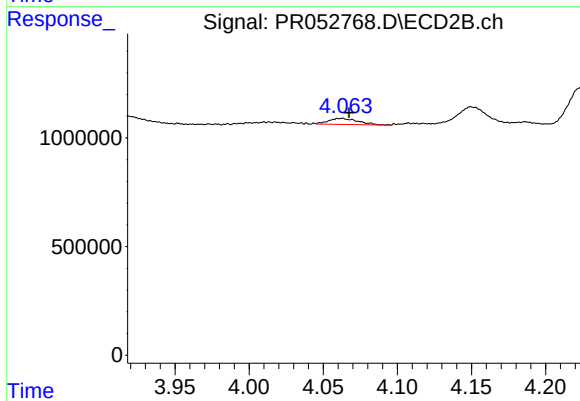
#7 AR-1016-5

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 3286082
Conc: 40.58 ng/ml



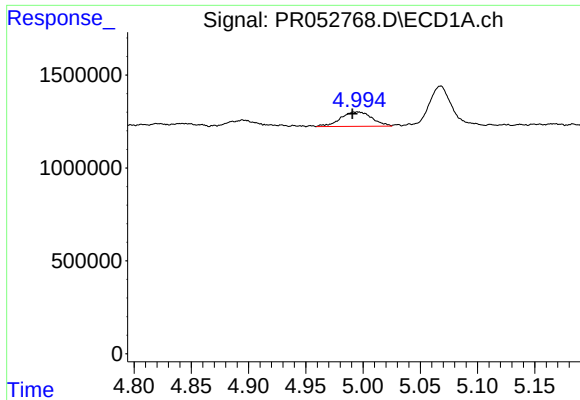
#8 AR-1221-1

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 554284
Conc: 13.57 ng/ml



#8 AR-1221-1

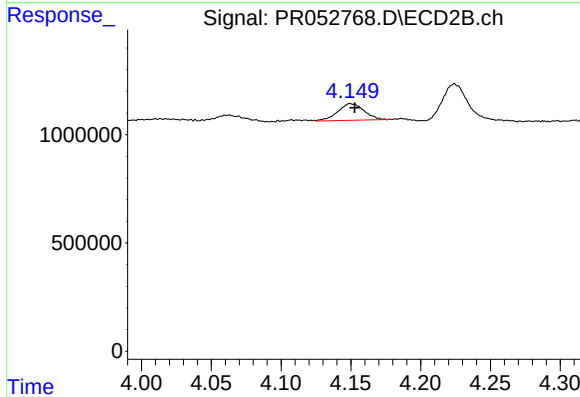
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 381270
Conc: 10.93 ng/ml



#9 AR-1221-2

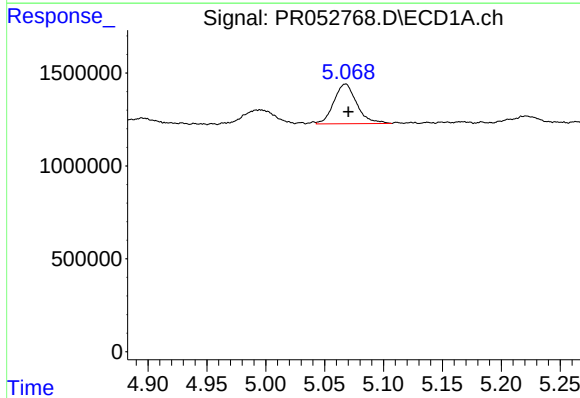
R.T.: 4.995 min
Delta R.T.: 0.004 min
Response: 1475665
Conc: 43.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



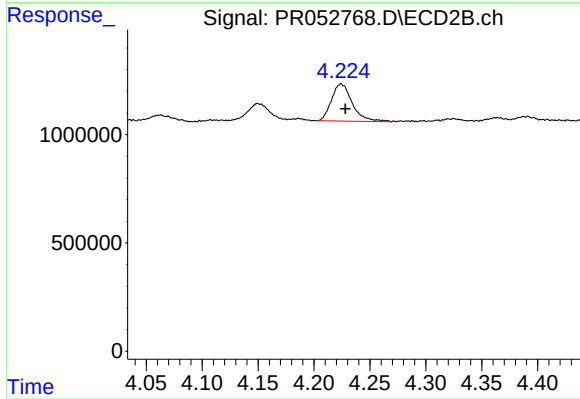
#9 AR-1221-2

R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 1010645
Conc: 39.30 ng/ml



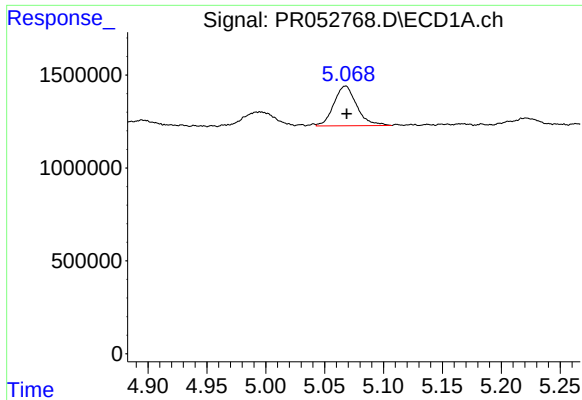
#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 2884574
Conc: 31.30 ng/ml



#10 AR-1221-3

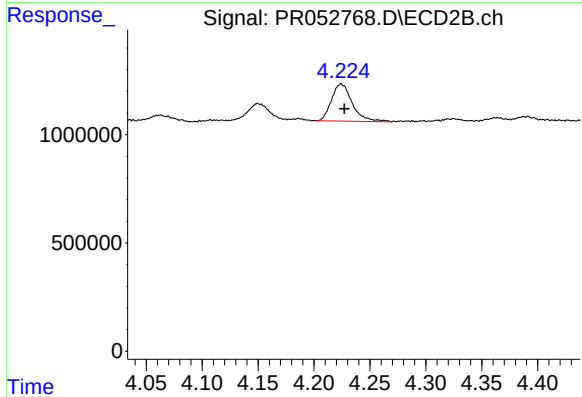
R.T.: 4.224 min
Delta R.T.: -0.004 min
Response: 2213605
Conc: 27.81 ng/ml



#11 AR-1232-1

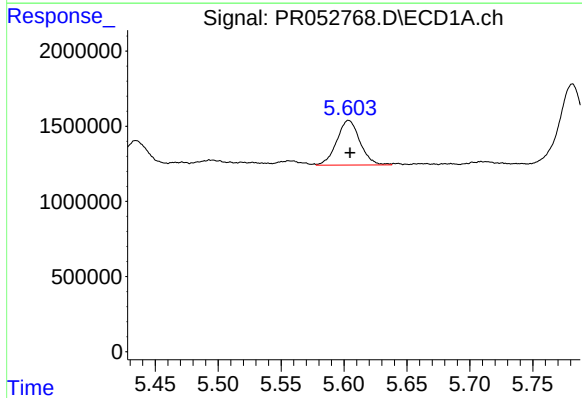
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2884574
Conc: 36.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



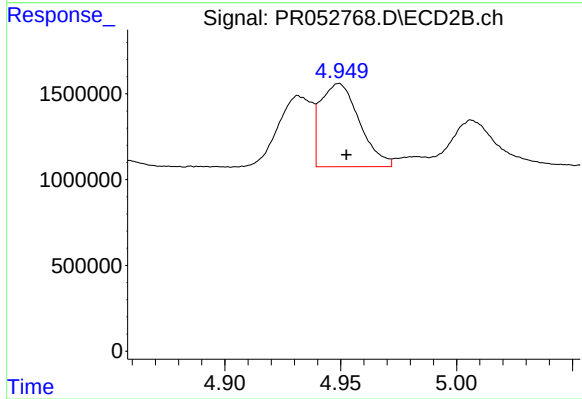
#11 AR-1232-1

R.T.: 4.224 min
Delta R.T.: -0.003 min
Response: 2213605
Conc: 33.15 ng/ml



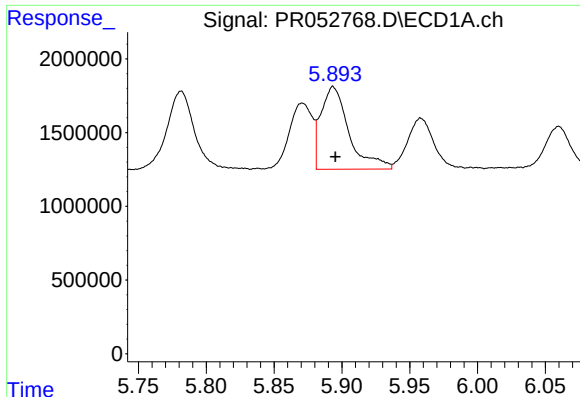
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 3822619
Conc: 91.49 ng/ml



#12 AR-1232-2

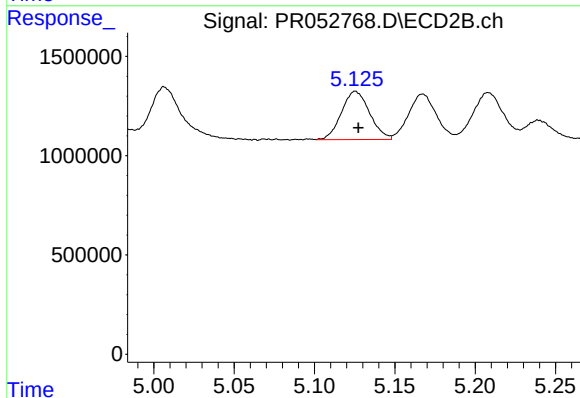
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 5667302
Conc: 88.54 ng/ml



#13 AR-1232-3

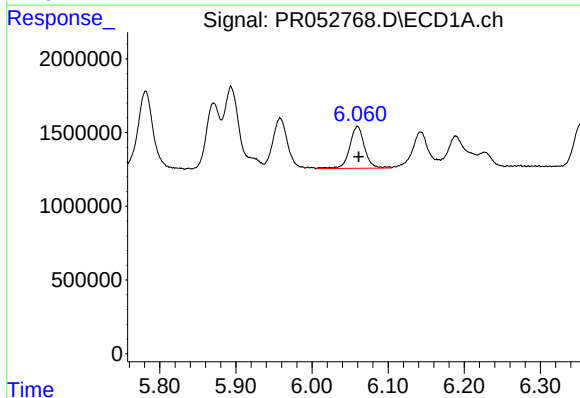
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 8077317
Conc: 105.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



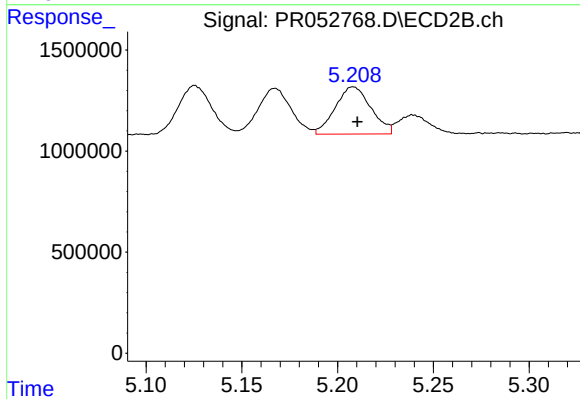
#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 2964440
Conc: 86.14 ng/ml



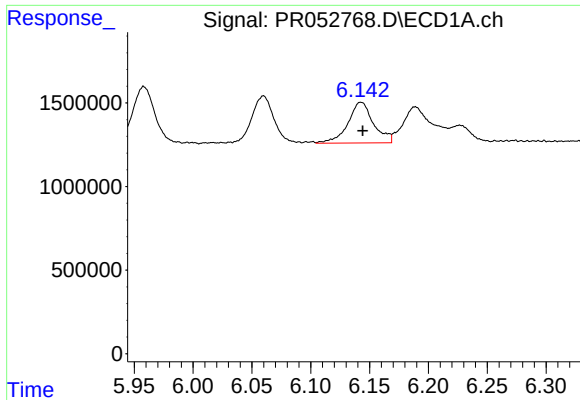
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3888125
Conc: 98.26 ng/ml



#14 AR-1232-4

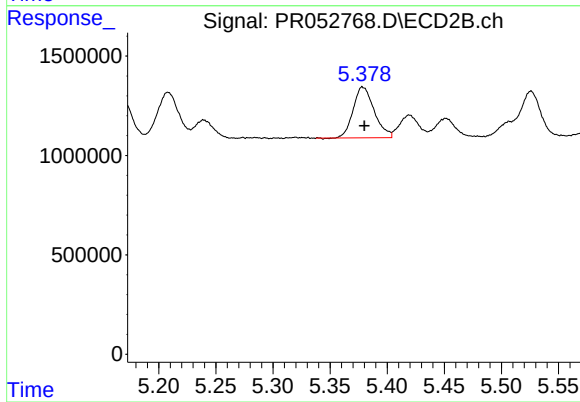
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 3033715
Conc: 98.20 ng/ml



#15 AR-1232-5

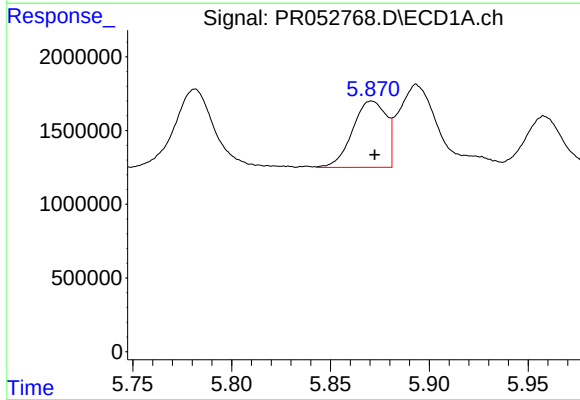
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 3690051
Conc: 116.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



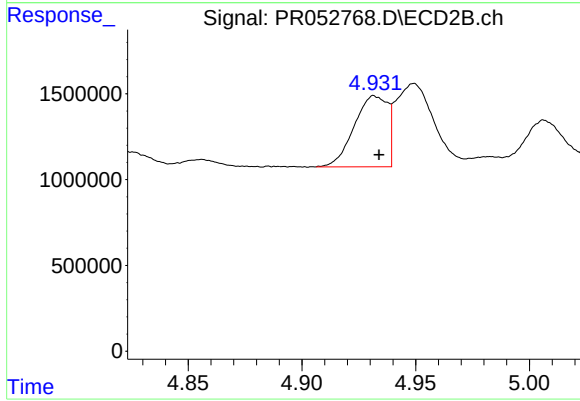
#15 AR-1232-5

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 3286082
Conc: 99.71 ng/ml



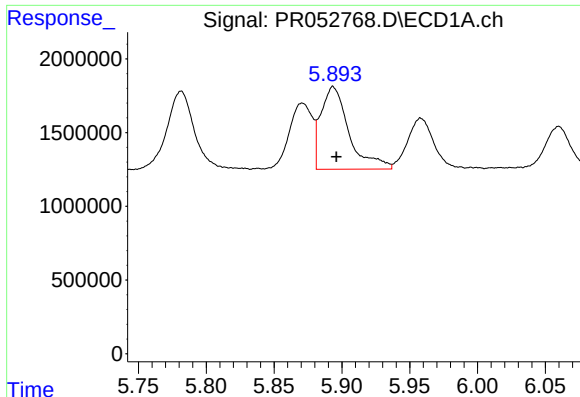
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 5343256
Conc: 55.75 ng/ml



#16 AR-1242-1

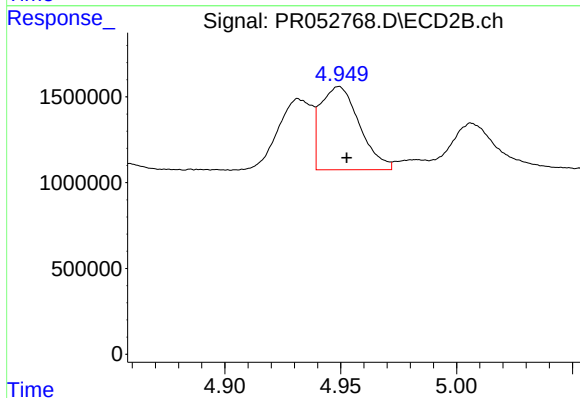
R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 4217667
Conc: 58.39 ng/ml



#17 AR-1242-2

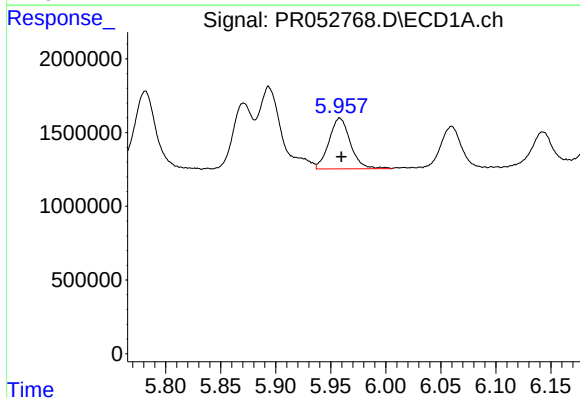
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 8077317
Conc: 62.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



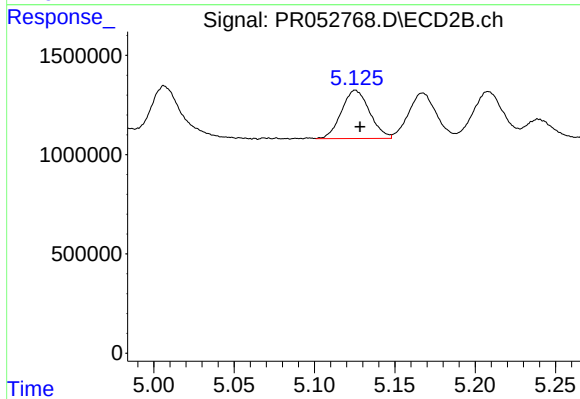
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 5667302
Conc: 51.92 ng/ml



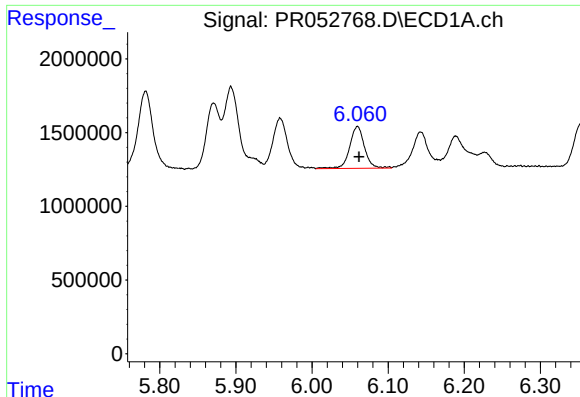
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 4662091
Conc: 56.32 ng/ml



#18 AR-1242-3

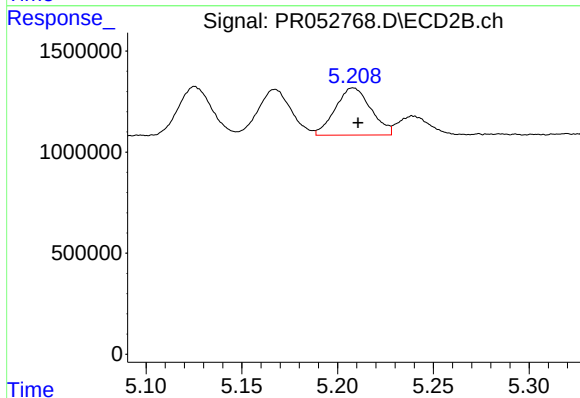
R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 2964440
Conc: 50.00 ng/ml



#19 AR-1242-4

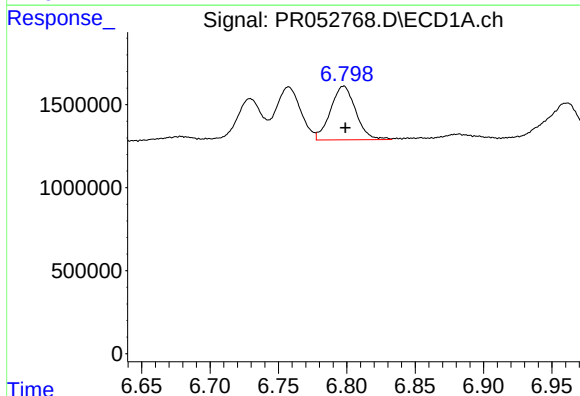
R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3888125
Conc: 57.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



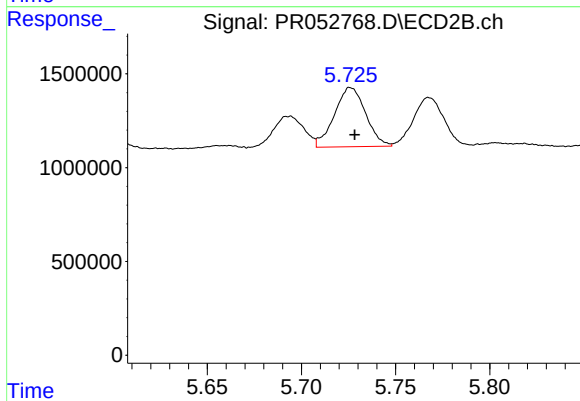
#19 AR-1242-4

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 3033715
Conc: 52.40 ng/ml



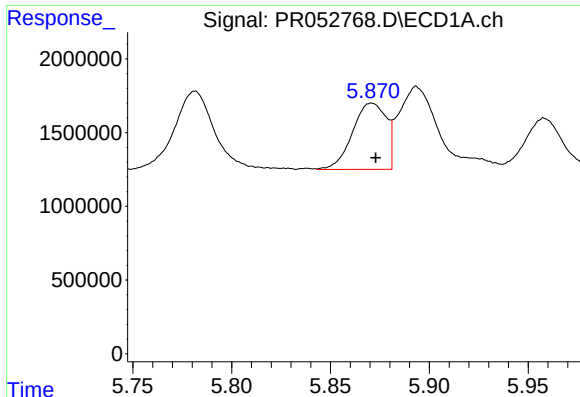
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 4150091
Conc: 55.73 ng/ml



#20 AR-1242-5

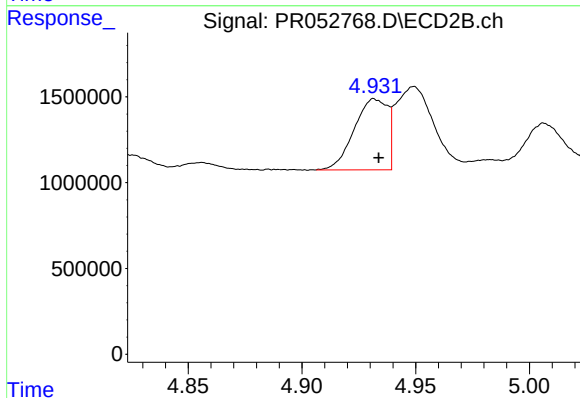
R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 3644407
Conc: 51.56 ng/ml



#21 AR-1248-1

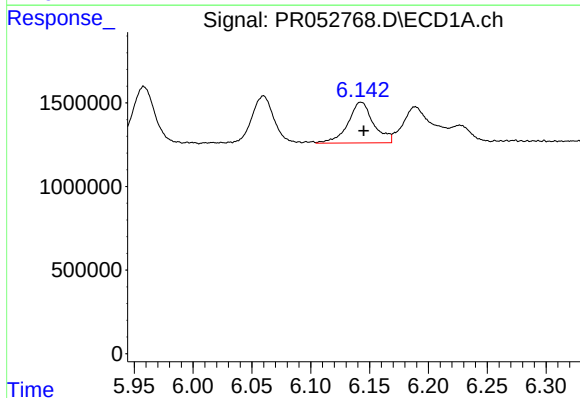
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 5343256
Conc: 74.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



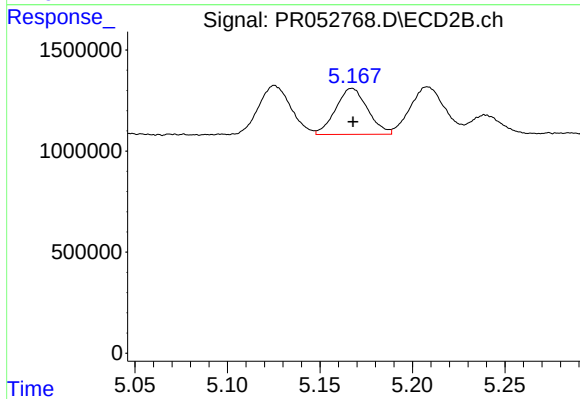
#21 AR-1248-1

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 4217667
Conc: 73.64 ng/ml



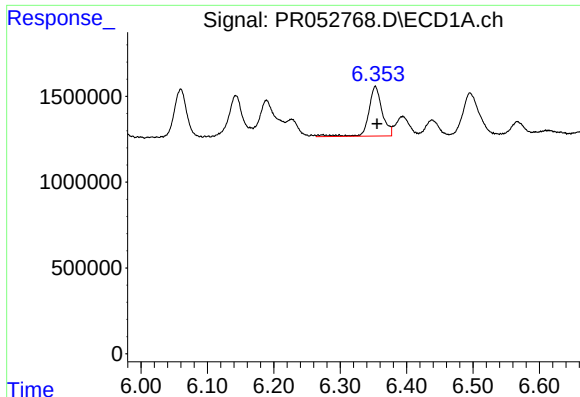
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 3690051
Conc: 36.34 ng/ml



#22 AR-1248-2

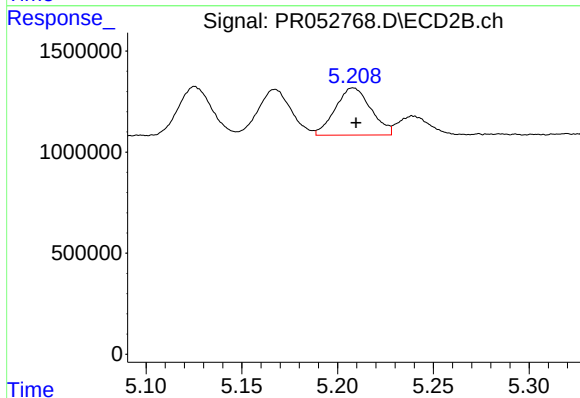
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 2735296
Conc: 34.44 ng/ml



#23 AR-1248-3

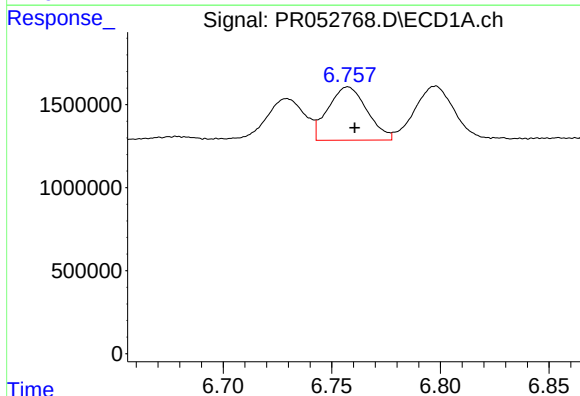
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 4063574
Conc: 36.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



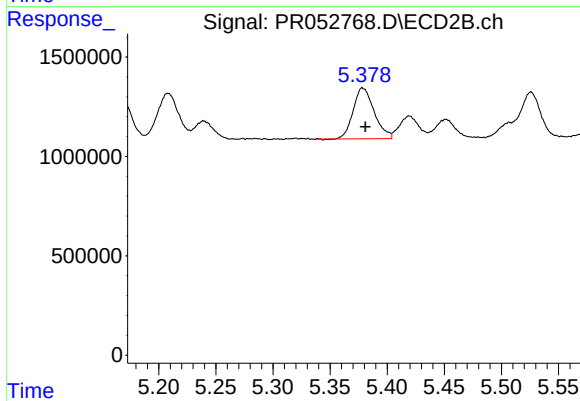
#23 AR-1248-3

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 3033715
Conc: 35.99 ng/ml



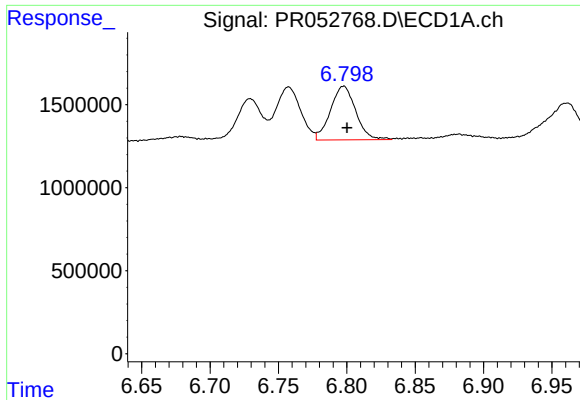
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 3997371
Conc: 31.56 ng/ml



#24 AR-1248-4

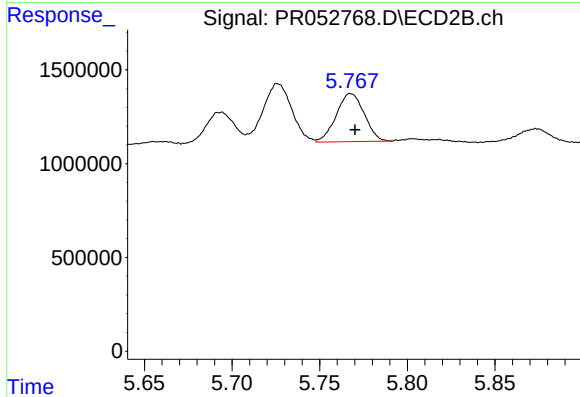
R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 3286082
Conc: 33.14 ng/ml



#25 AR-1248-5

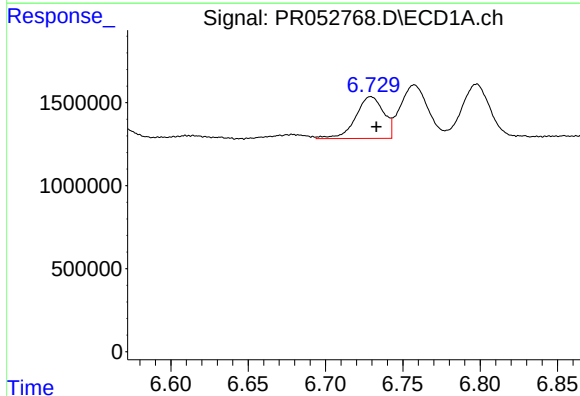
R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 4150091
Conc: 34.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



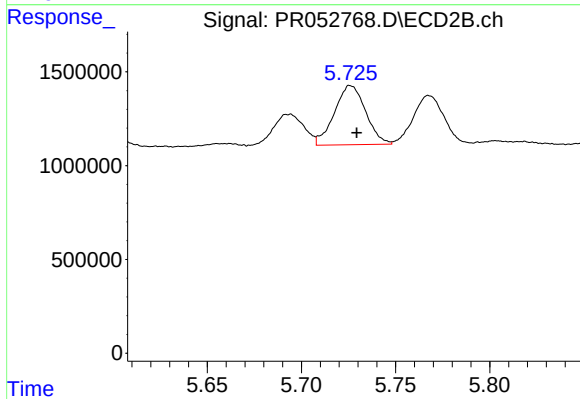
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 2858744
Conc: 29.26 ng/ml



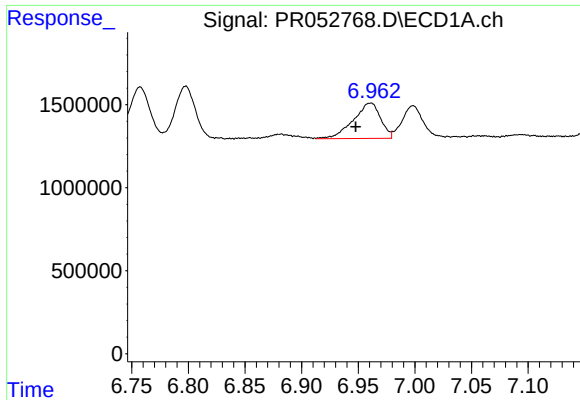
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 3179292
Conc: 24.22 ng/ml



#26 AR-1254-1

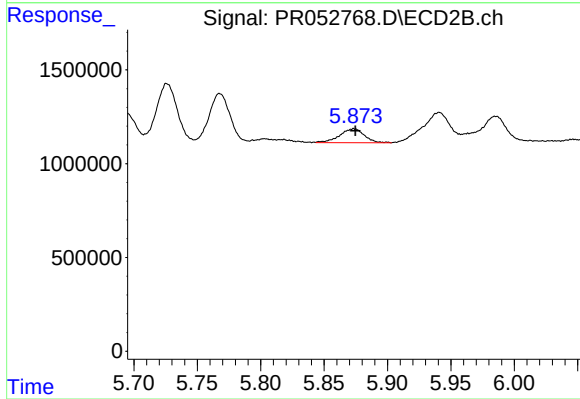
R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 3644407
Conc: 24.04 ng/ml



#27 AR-1254-2

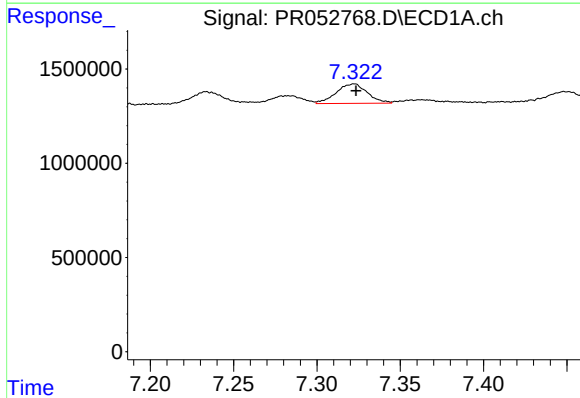
R.T.: 6.961 min
Delta R.T.: 0.013 min
Response: 3577392
Conc: 17.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



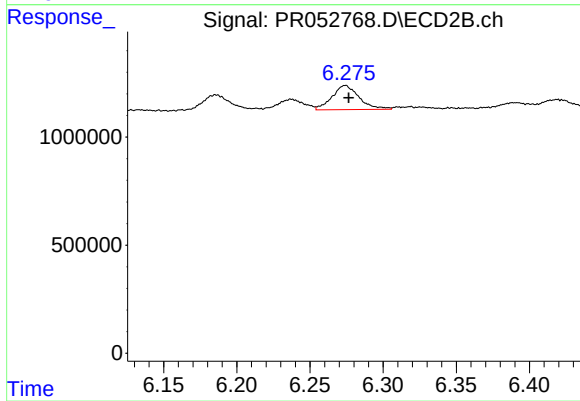
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 999901
Conc: 7.62 ng/ml



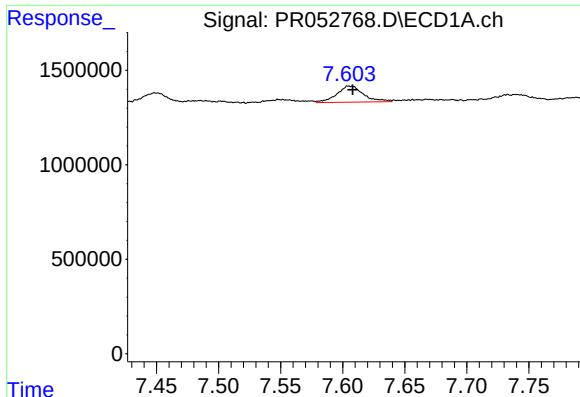
#28 AR-1254-3

R.T.: 7.322 min
Delta R.T.: -0.001 min
Response: 1345555
Conc: 6.35 ng/ml



#28 AR-1254-3

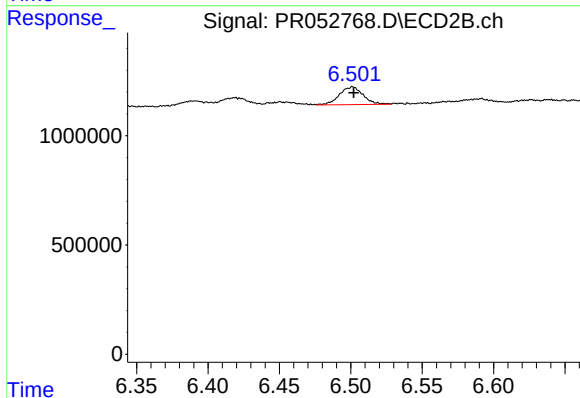
R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 1445468
Conc: 6.55 ng/ml



#29 AR-1254-4

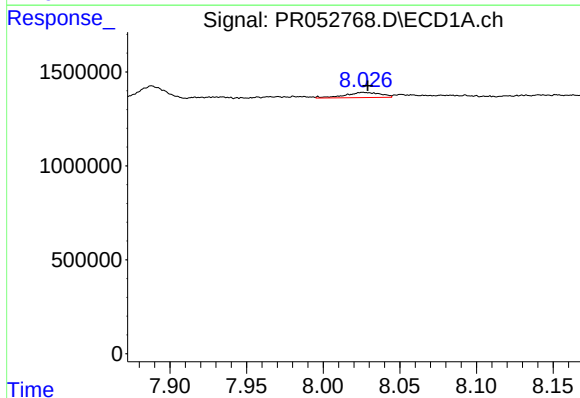
R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 1275949
Conc: 8.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



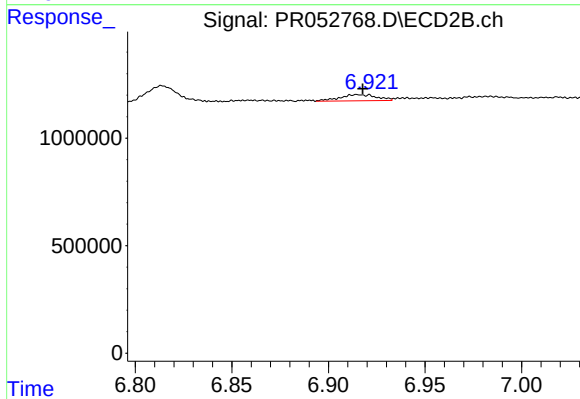
#29 AR-1254-4

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 946706
Conc: 6.95 ng/ml



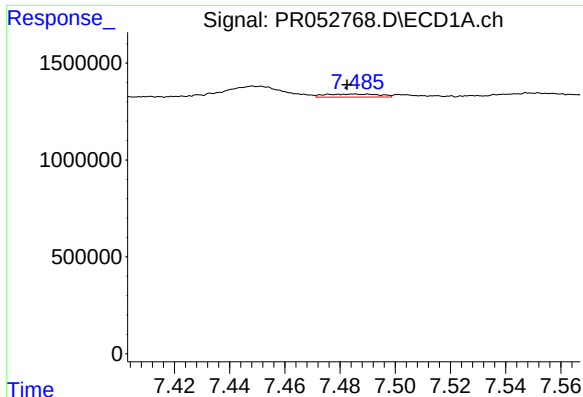
#30 AR-1254-5

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 441005
Conc: 2.50 ng/ml



#30 AR-1254-5

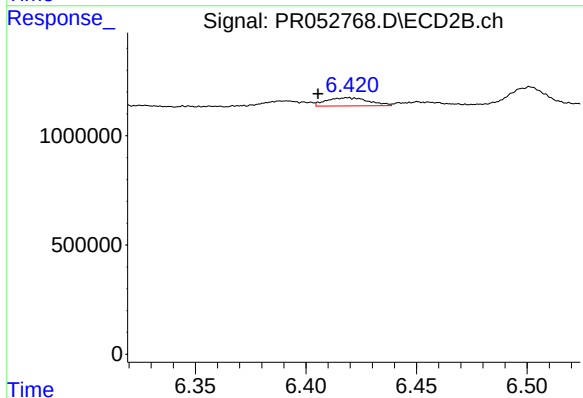
R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 381408
Conc: 1.84 ng/ml



#31 AR-1260-1

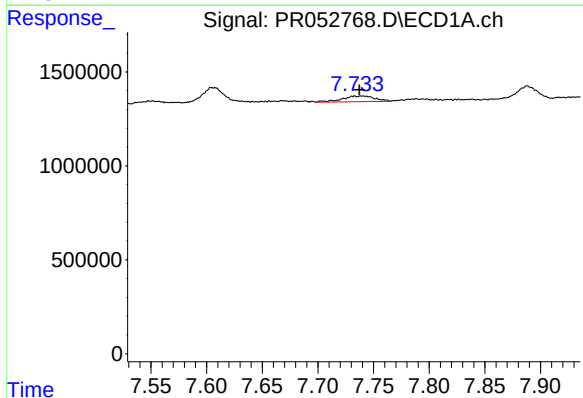
R.T.: 7.485 min
Delta R.T.: 0.003 min
Response: 209844
Conc: 1.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



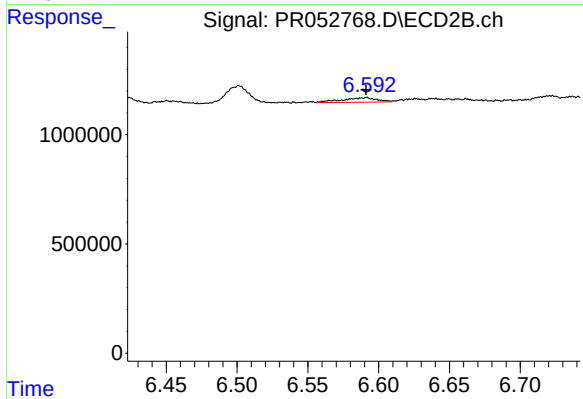
#31 AR-1260-1

R.T.: 6.419 min
Delta R.T.: 0.014 min
Response: 504516
Conc: 3.54 ng/ml



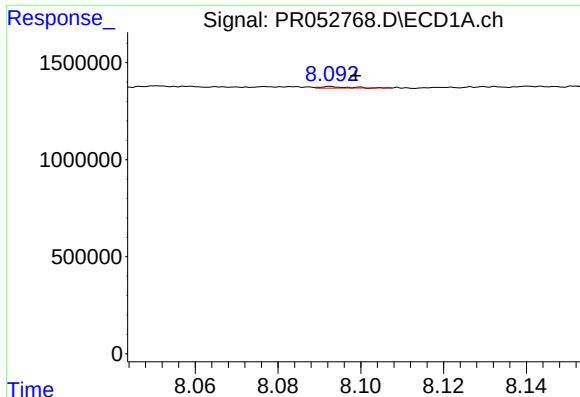
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 620814
Conc: 3.33 ng/ml



#32 AR-1260-2

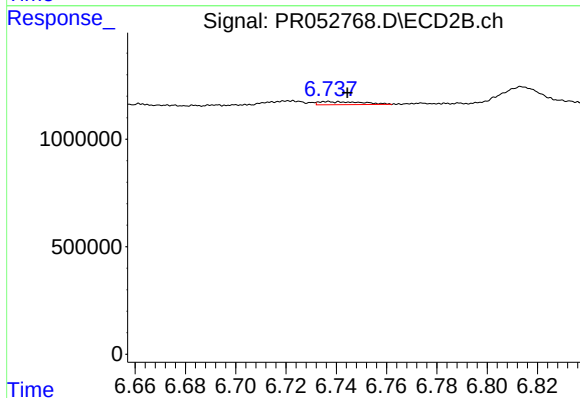
R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 356386
Conc: 2.05 ng/ml



#33 AR-1260-3

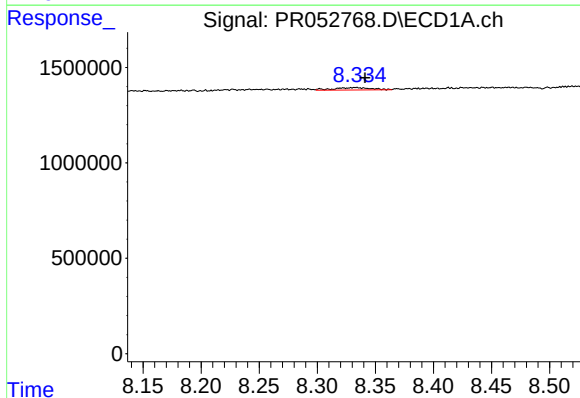
R.T.: 8.093 min
Delta R.T.: -0.006 min
Response: 35049
Conc: 0.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



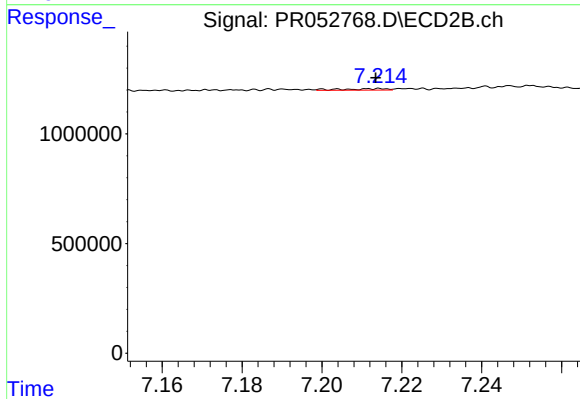
#33 AR-1260-3

R.T.: 6.737 min
Delta R.T.: -0.008 min
Response: 173259
Conc: 1.03 ng/ml



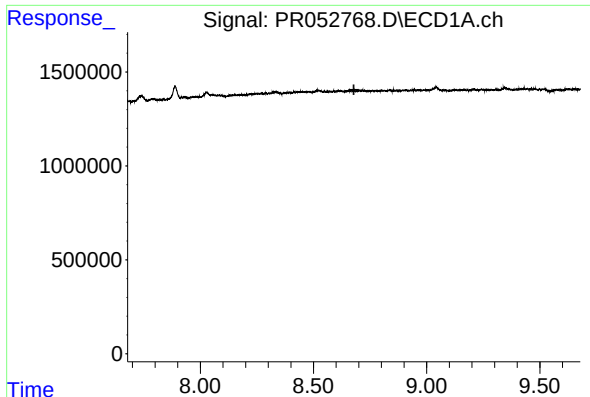
#34 AR-1260-4

R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 282650
Conc: 1.66 ng/ml



#34 AR-1260-4

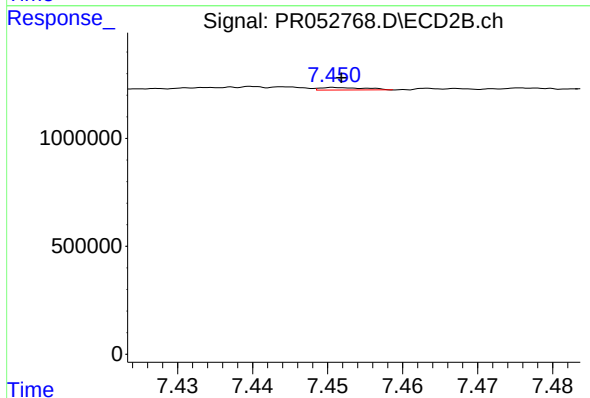
R.T.: 7.215 min
Delta R.T.: 0.001 min
Response: 52130
Conc: 0.34 ng/ml



#35 AR-1260-5

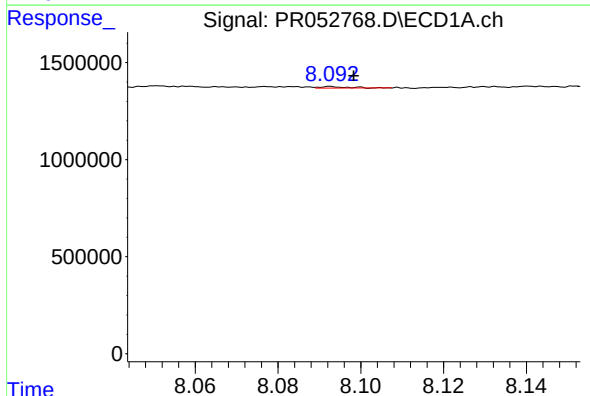
R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



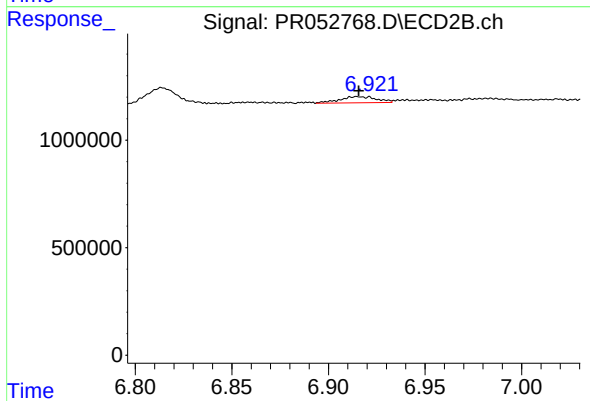
#35 AR-1260-5

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 49506
Conc: 0.14 ng/ml



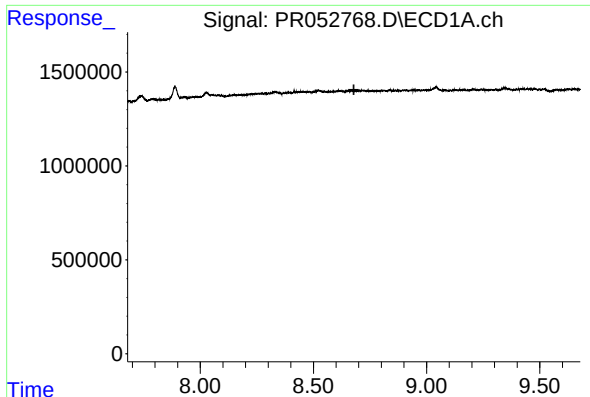
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: -0.006 min
Response: 35049
Conc: 0.17 ng/ml



#36 AR-1262-1

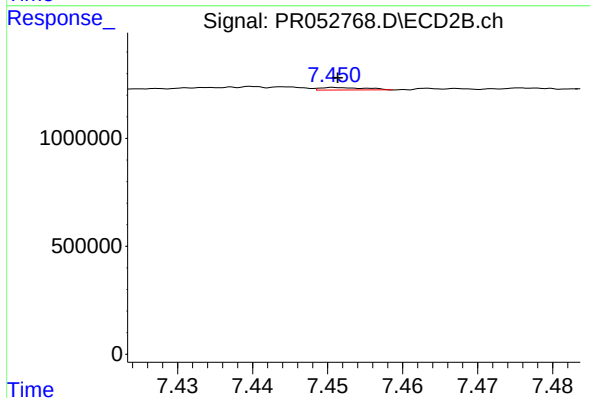
R.T.: 6.915 min
Delta R.T.: -0.001 min
Response: 381408
Conc: 3.52 ng/ml



#37 AR-1262-2

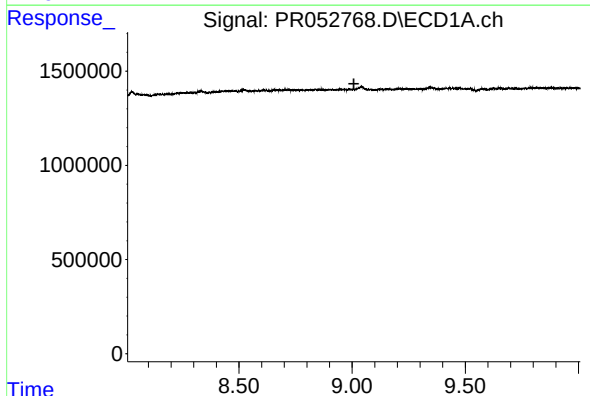
R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



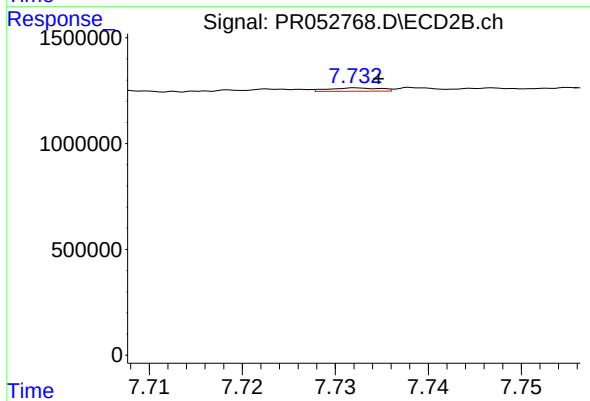
#37 AR-1262-2

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 49506
Conc: 0.13 ng/ml



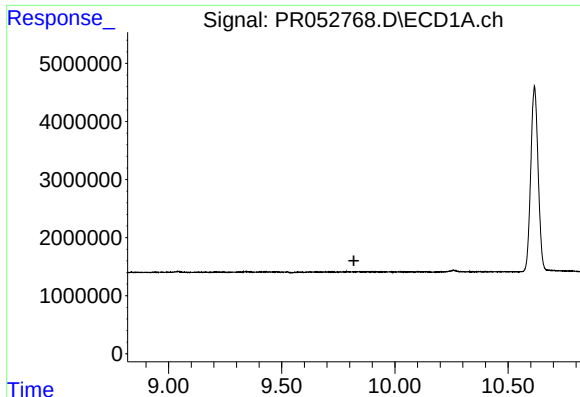
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.008 min
Response: 0
Conc: N.D.



#38 AR-1262-3

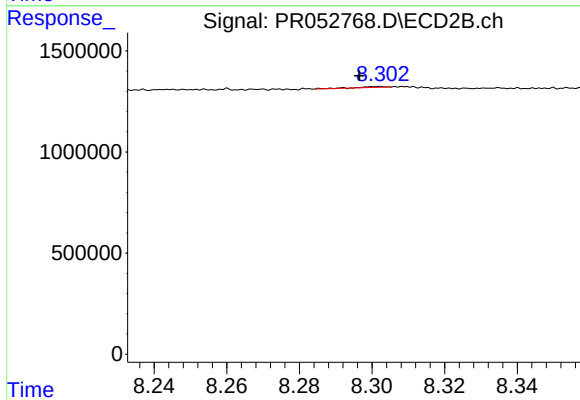
R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 60000
Conc: 0.38 ng/ml



#40 AR-1262-5

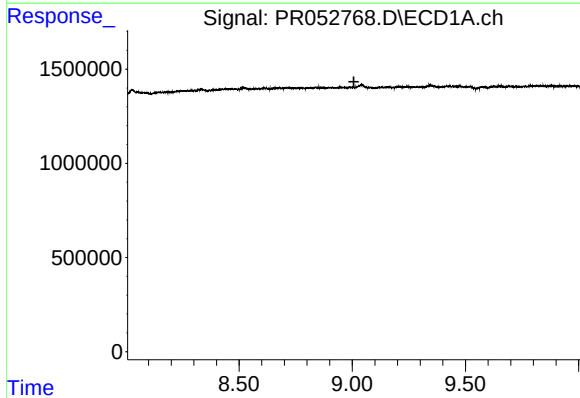
R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



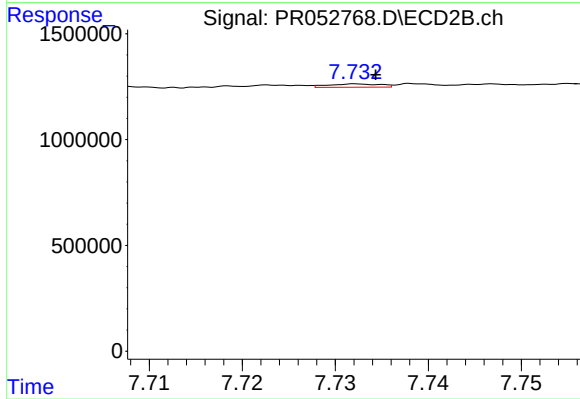
#40 AR-1262-5

R.T.: 8.302 min
Delta R.T.: 0.006 min
Response: 22549
Conc: 0.16 ng/ml



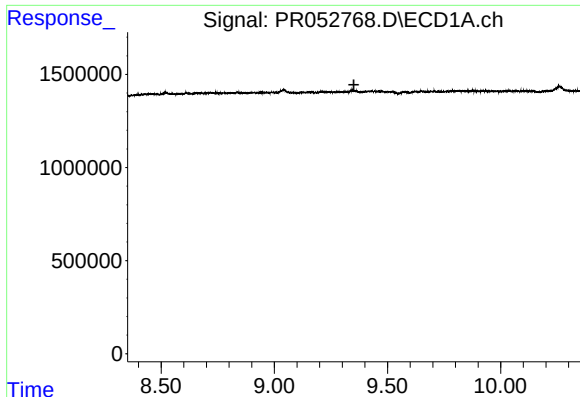
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.007 min
Response: 0
Conc: N.D.



#41 AR-1268-1

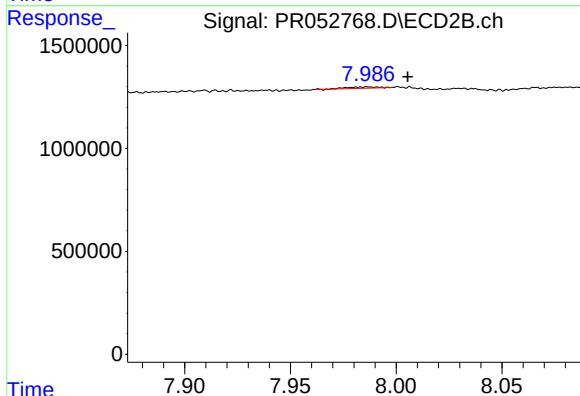
R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 60000
Conc: 0.13 ng/ml



#43 AR-1268-3

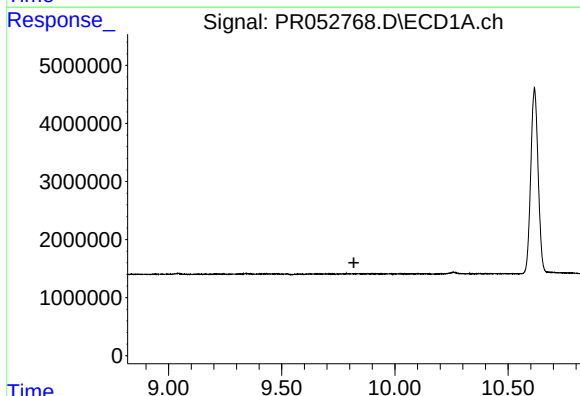
R.T.: 0.000 min
Exp R.T.: 9.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



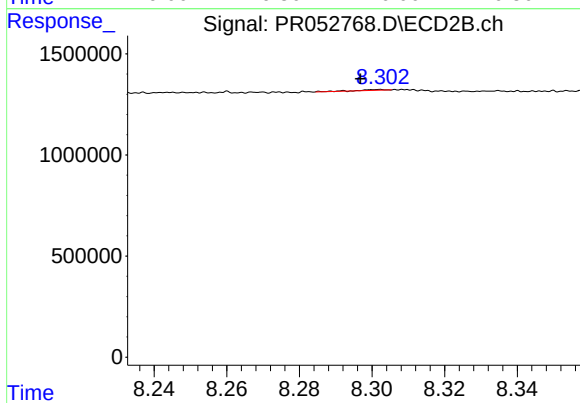
#43 AR-1268-3

R.T.: 7.986 min
Delta R.T.: -0.019 min
Response: 66731
Conc: 0.17 ng/ml



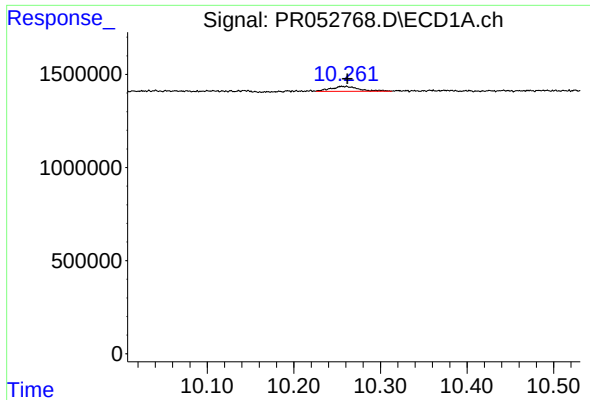
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#44 AR-1268-4

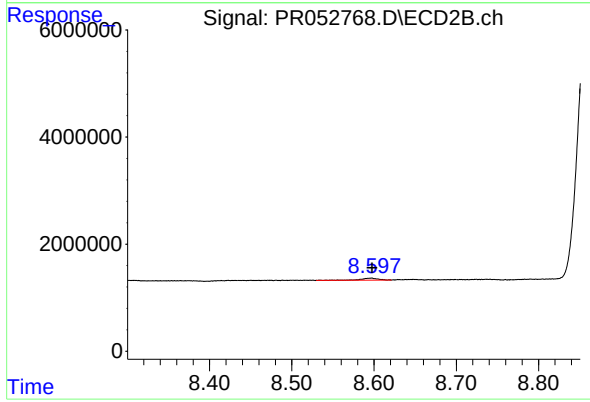
R.T.: 8.302 min
Delta R.T.: 0.005 min
Response: 22549
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 10.261 min
Delta R.T.: -0.001 min
Response: 585398
Conc: 0.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 591973
Conc: 0.47 ng/ml