

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
 Data File : PR052722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 01:21
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:38:06 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	3.853	79510467	64703555	24.121	23.697
2)	SA Decachlor...	10.618	8.856	85119821	82370117	26.264	25.482
Target Compounds							
3)	L1 AR-1016-1	0.000	4.938	0	329546	N.D.	3.391 #
4)	L1 AR-1016-2	0.000	4.938	0	329546	N.D.	2.273 #
6)	L1 AR-1016-4	0.000	5.167	0	1085523	N.D.	17.141 #
7)	L1 AR-1016-5	6.353	5.379	808713	678954	8.972	8.384
9)	L2 AR-1221-2	5.000	4.152	1300501	881504	38.612	34.282
10)	L2 AR-1221-3	5.073	0.000	13105	0	0.142	N.D. #
11)	L3 AR-1232-1	5.073	0.000	13105	0	0.168	N.D. #
12)	L3 AR-1232-2	5.587f	4.938	65414	329546	1.566	5.149 #
14)	L3 AR-1232-4	0.000	5.207	0	311377	N.D.	10.079 #
15)	L3 AR-1232-5	6.143	5.379	1219418	678954	38.432	20.602 #
16)	L4 AR-1242-1	0.000	4.938	0	329546	N.D.	4.562 #
17)	L4 AR-1242-2	0.000	4.938	0	329546	N.D.	3.019 #
19)	L4 AR-1242-4	0.000	5.207	0	311377	N.D.	5.378 #
20)	L4 AR-1242-5	6.800	5.728	715668	2385417	9.610	33.747 #
21)	L5 AR-1248-1	0.000	4.938	0	329546	N.D.	5.754 #
22)	L5 AR-1248-2	6.143	5.167	1219418	1085523	12.008	13.669
23)	L5 AR-1248-3	6.353	5.207	808713	311377	7.177	3.694 #
24)	L5 AR-1248-4	6.757	5.379	875000	678954	6.907	6.846
25)	L5 AR-1248-5	6.800	5.768	715668	273834	5.865	2.803 #
26)	L6 AR-1254-1	6.732	5.728	2102719	2385417	16.021	15.733
27)	L6 AR-1254-2	6.945	5.874	3168089	2056306	15.659	15.680
28)	L6 AR-1254-3	7.321	6.275	3634322	3719772	17.143	16.851
29)	L6 AR-1254-4	7.606	6.500	3833358	3025371	24.274	22.209
30)	L6 AR-1254-5	8.027	6.916	3785714	4002549	21.480	19.261
31)	L7 AR-1260-1	7.482	6.404	2170064	3086983	13.973	21.691 #
32)	L7 AR-1260-2	7.735	6.590	3115385	3259963	16.696	18.778
33)	L7 AR-1260-3	8.090	6.741	669528	4633846	4.569	27.464 #
34)	L7 AR-1260-4	8.335	7.214	928332	521234	5.447	3.432 #
35)	L7 AR-1260-5	8.674	7.446	332086	1345528	1.000	3.673 #
36)	L8 AR-1262-1	8.090	6.916	669528	4002549	3.302	36.946 #
37)	L8 AR-1262-2	8.674	7.446	332086	1345528	0.908	3.460 #
38)	L8 AR-1262-3	9.035f	0.000	253061	0	1.546	N.D. #
39)	L8 AR-1262-4	0.000	7.794	0	871407	N.D.	2.888 #
40)	L8 AR-1262-5	0.000	8.298	0	165809	N.D.	1.147 #
41)	L9 AR-1268-1	9.035f	0.000	253061	0	0.566	N.D. #
42)	L9 AR-1268-2	0.000	7.794	0	871407	N.D.	1.957 #
43)	L9 AR-1268-3	9.344	7.989f	291818	807739	0.828	2.092 #
44)	L9 AR-1268-4	0.000	8.298	0	165809	N.D.	1.017 #
45)	L9 AR-1268-5	10.263	8.594	389150	793721	0.335	0.637 #

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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 30 06:38:06 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
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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

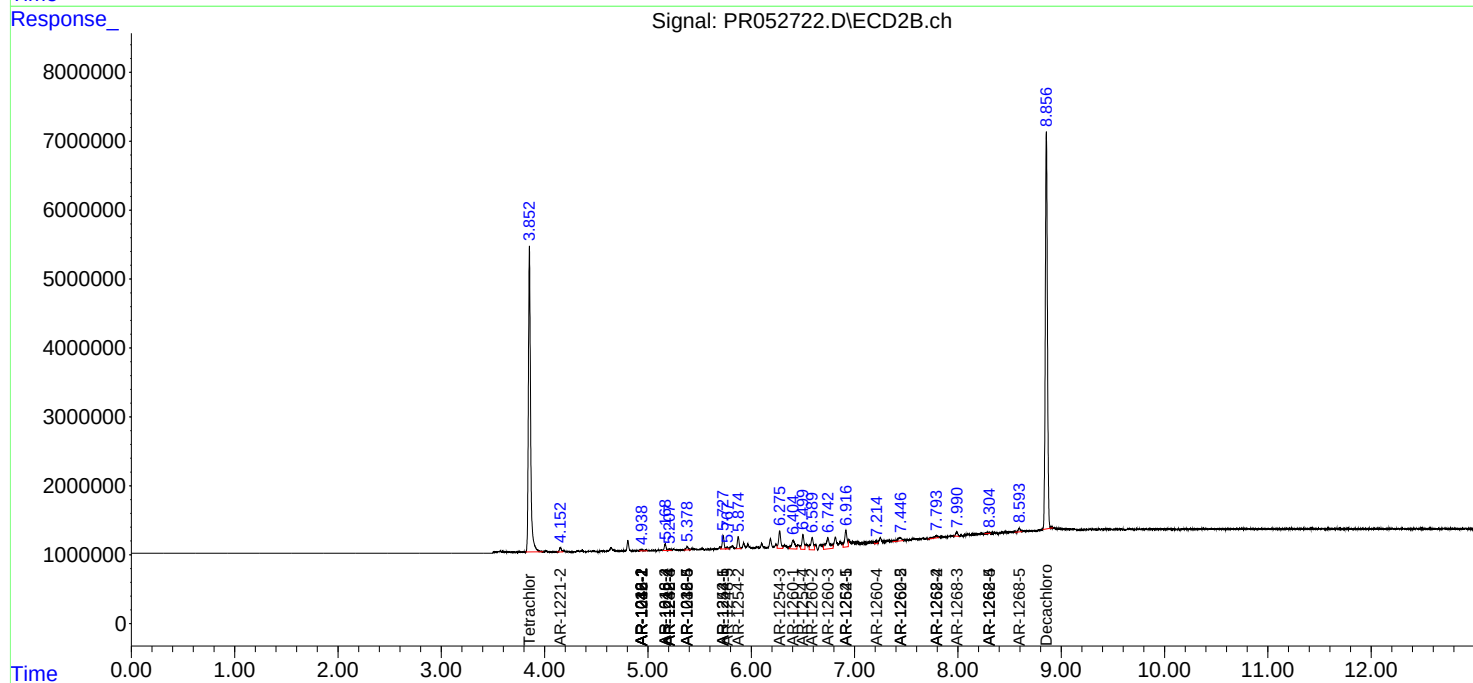
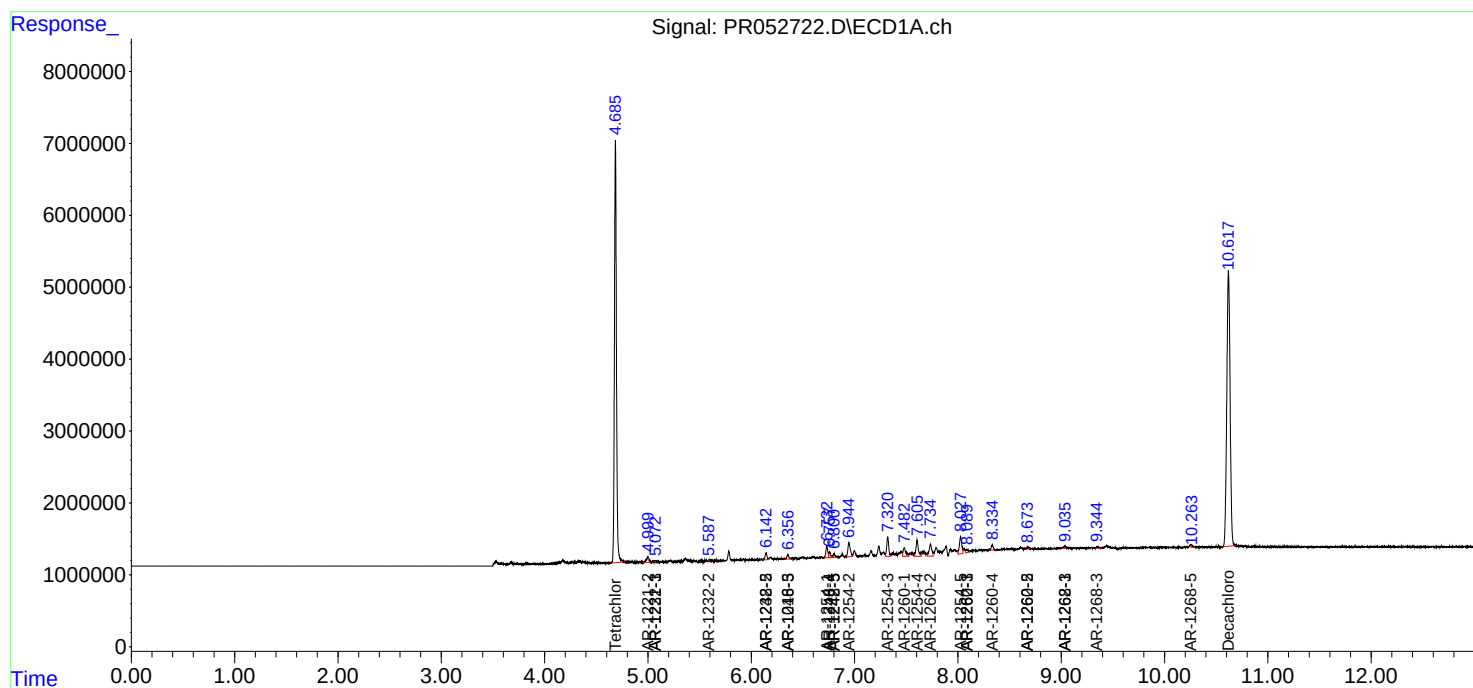
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

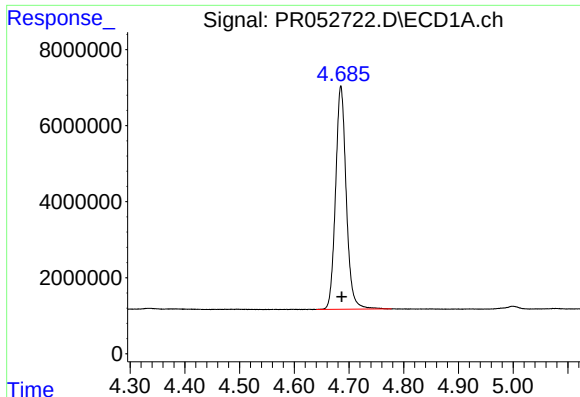
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

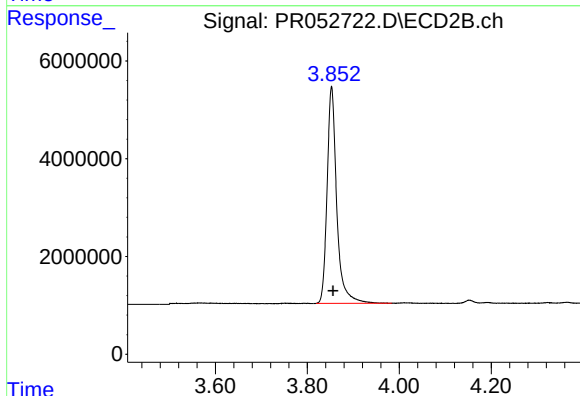




#1 Tetrachloro-m-xylene

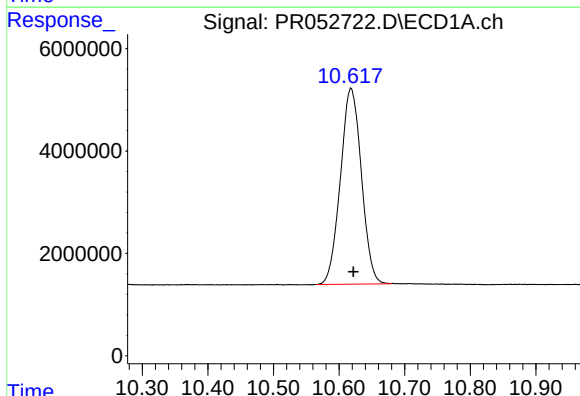
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 79510467
Conc: 24.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



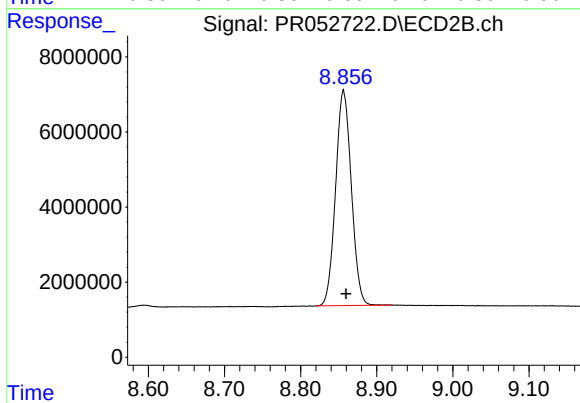
#1 Tetrachloro-m-xylene

R.T.: 3.853 min
Delta R.T.: -0.003 min
Response: 64703555
Conc: 23.70 ng/ml



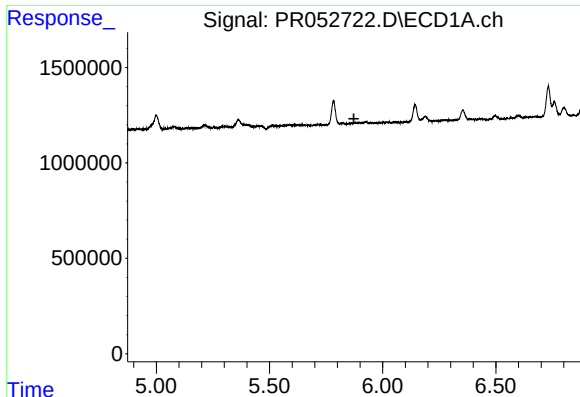
#2 Decachlorobiphenyl

R.T.: 10.618 min
Delta R.T.: -0.004 min
Response: 85119821
Conc: 26.26 ng/ml



#2 Decachlorobiphenyl

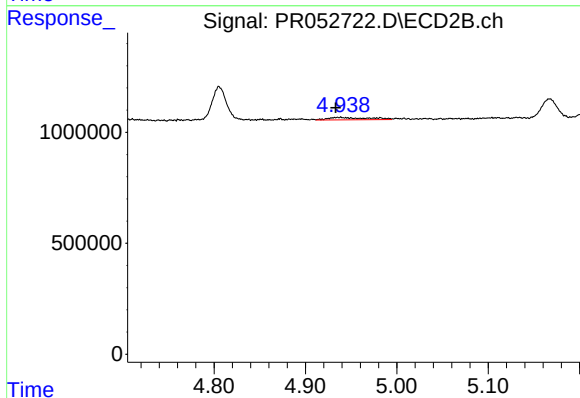
R.T.: 8.856 min
Delta R.T.: -0.004 min
Response: 82370117
Conc: 25.48 ng/ml



#3 AR-1016-1

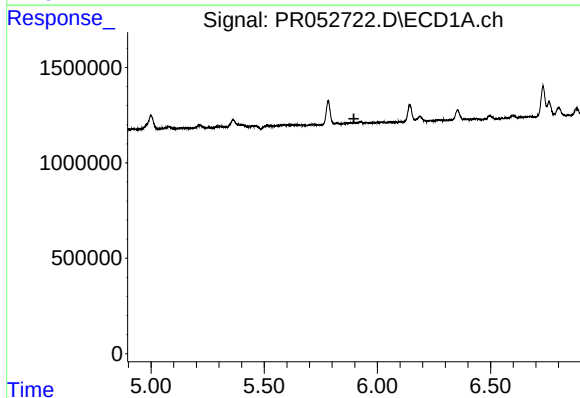
R.T.: 0.000 min
Exp R.T.: 5.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



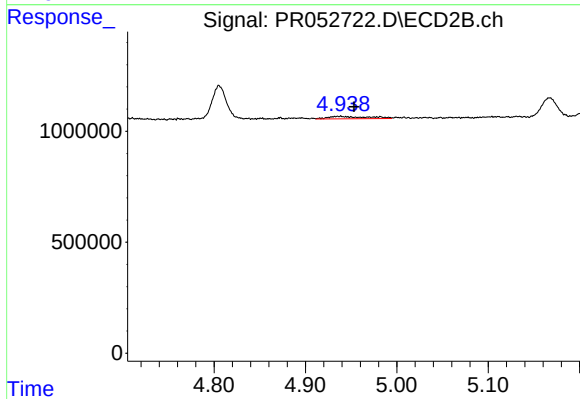
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 329546
Conc: 3.39 ng/ml



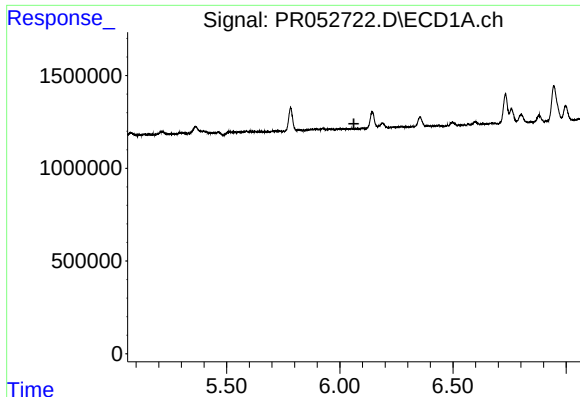
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.896 min
Response: 0
Conc: N.D.



#4 AR-1016-2

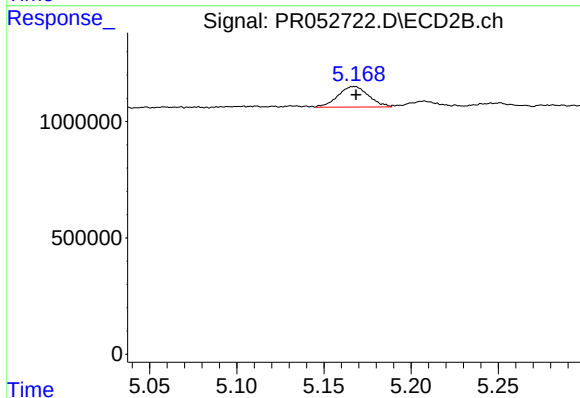
R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 329546
Conc: 2.27 ng/ml



#6 AR-1016-4

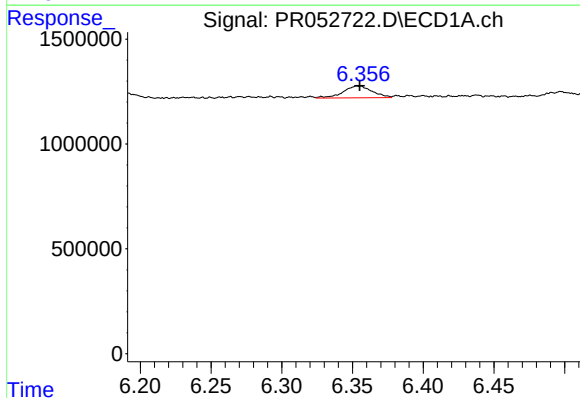
R.T.: 0.000 min
Exp R.T.: 6.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



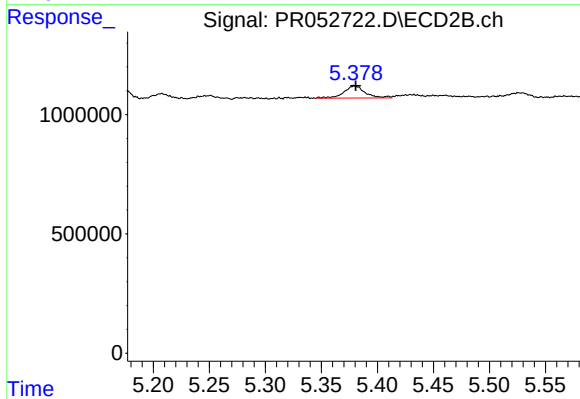
#6 AR-1016-4

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 1085523
Conc: 17.14 ng/ml



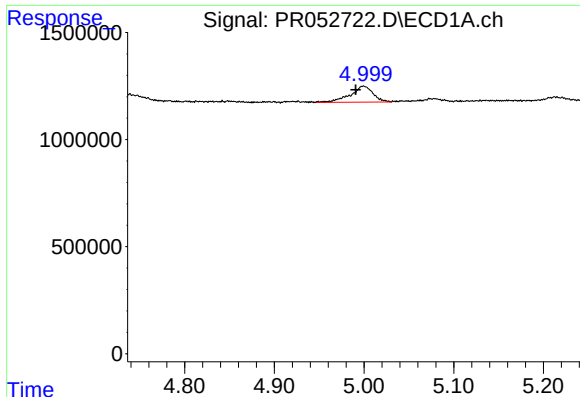
#7 AR-1016-5

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 808713
Conc: 8.97 ng/ml



#7 AR-1016-5

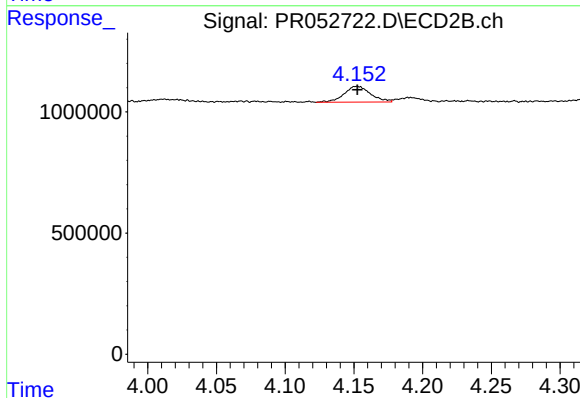
R.T.: 5.379 min
Delta R.T.: -0.001 min
Response: 678954
Conc: 8.38 ng/ml



#9 AR-1221-2

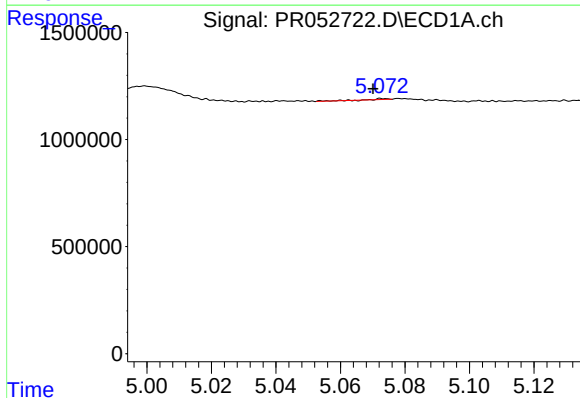
R.T.: 5.000 min
Delta R.T.: 0.009 min
Response: 1300501
Conc: 38.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



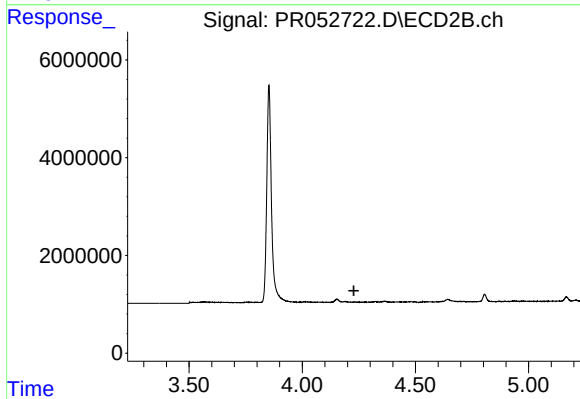
#9 AR-1221-2

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 881504
Conc: 34.28 ng/ml



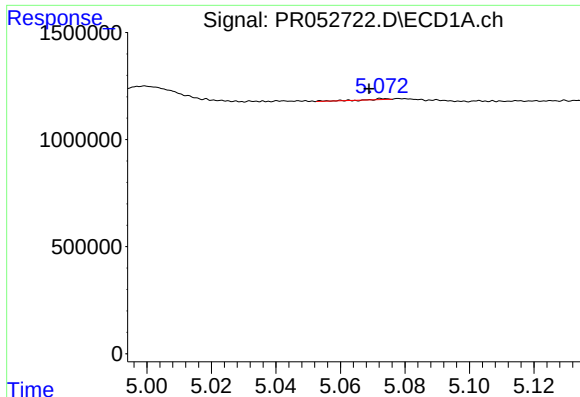
#10 AR-1221-3

R.T.: 5.073 min
Delta R.T.: 0.003 min
Response: 13105
Conc: 0.14 ng/ml



#10 AR-1221-3

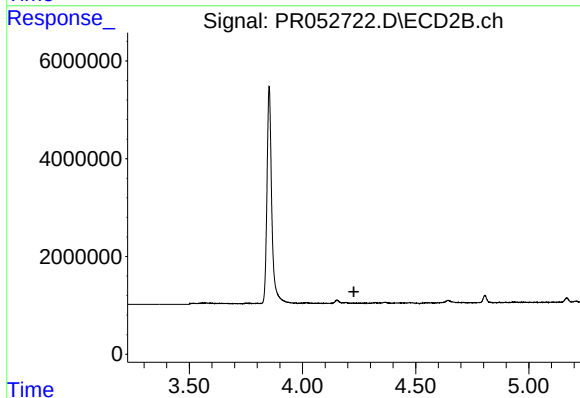
R.T.: 0.000 min
Exp R.T. : 4.228 min
Response: 0
Conc: N.D.



#11 AR-1232-1

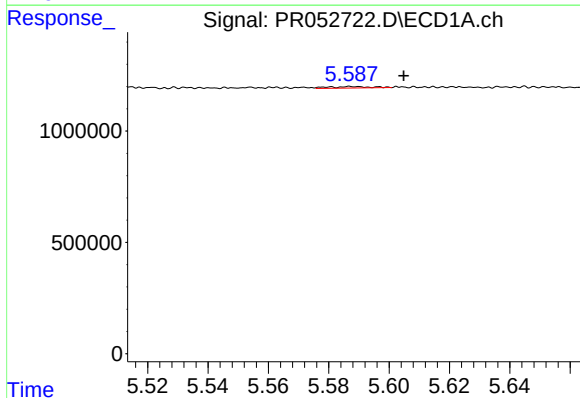
R.T.: 5.073 min
Delta R.T.: 0.004 min
Response: 13105
Conc: 0.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



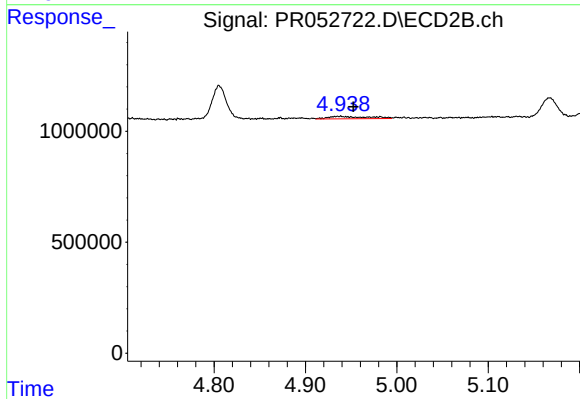
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.227 min
Response: 0
Conc: N.D.



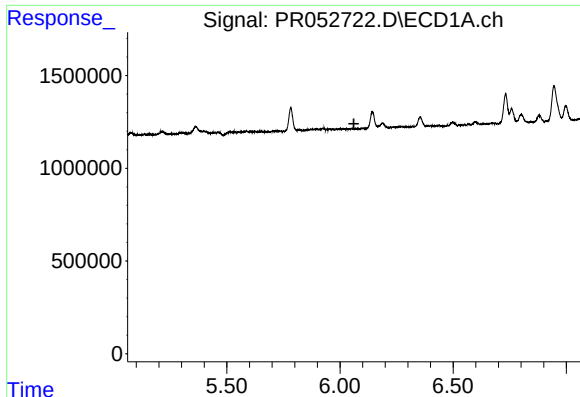
#12 AR-1232-2

R.T.: 5.587 min
Delta R.T.: -0.018 min
Response: 65414
Conc: 1.57 ng/ml



#12 AR-1232-2

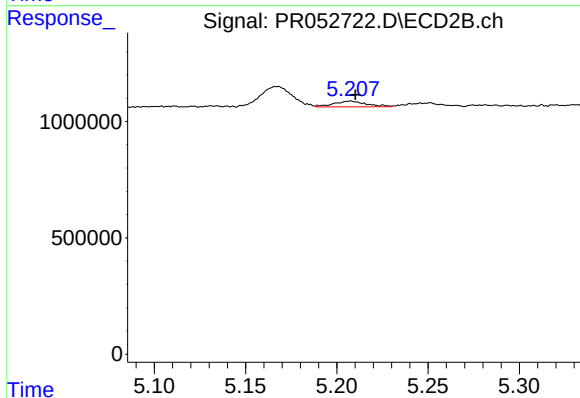
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 329546
Conc: 5.15 ng/ml



#14 AR-1232-4

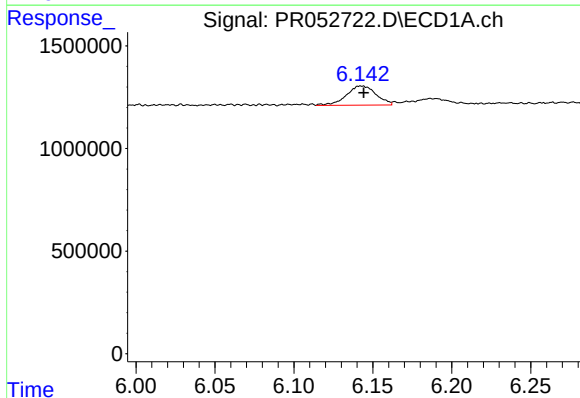
R.T.: 0.000 min
Exp R.T.: 6.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



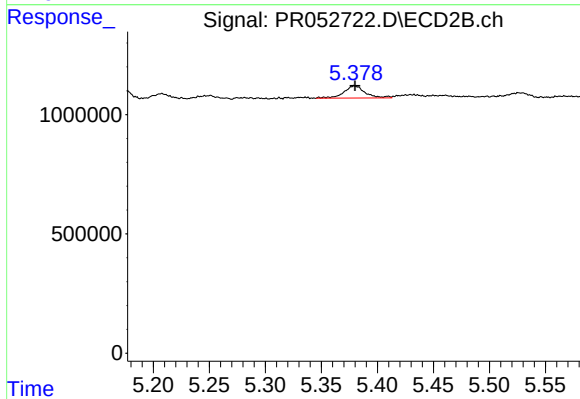
#14 AR-1232-4

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 311377
Conc: 10.08 ng/ml



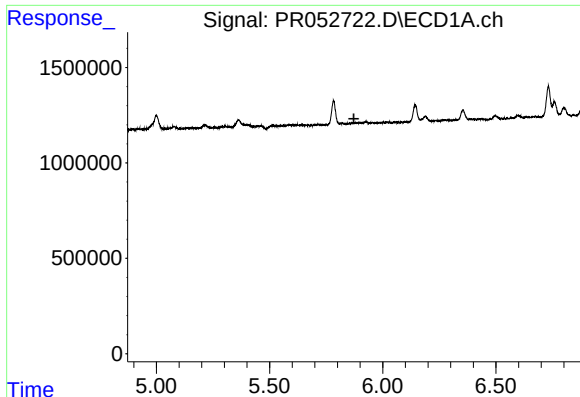
#15 AR-1232-5

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 1219418
Conc: 38.43 ng/ml



#15 AR-1232-5

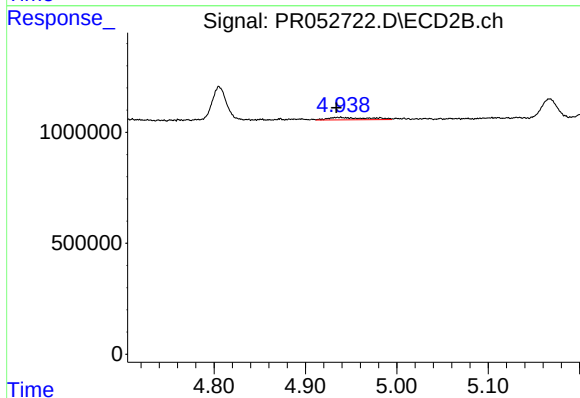
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 678954
Conc: 20.60 ng/ml



#16 AR-1242-1

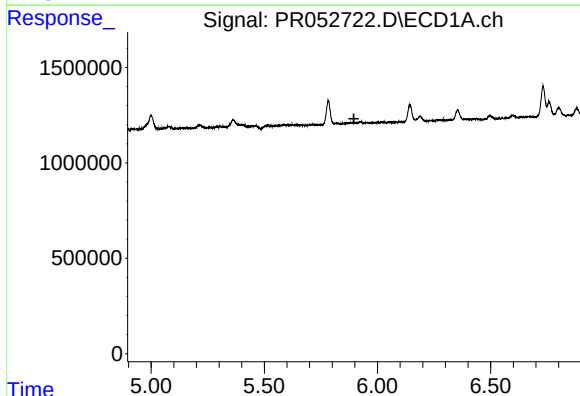
R.T.: 0.000 min
Exp R.T.: 5.872 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



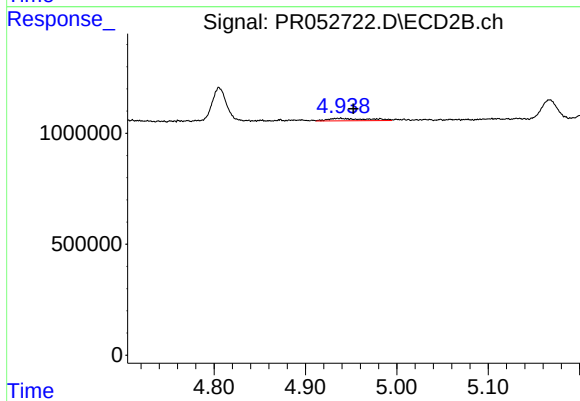
#16 AR-1242-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 329546
Conc: 4.56 ng/ml



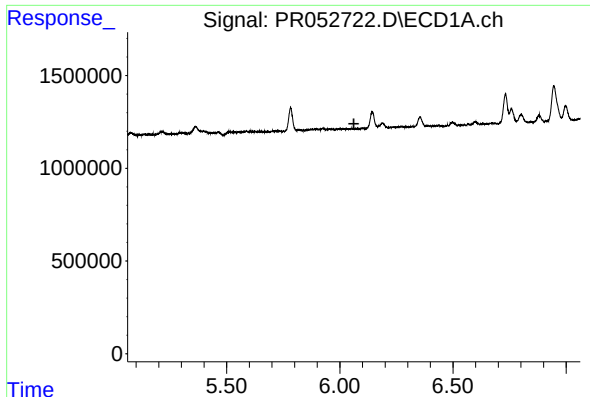
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.896 min
Response: 0
Conc: N.D.



#17 AR-1242-2

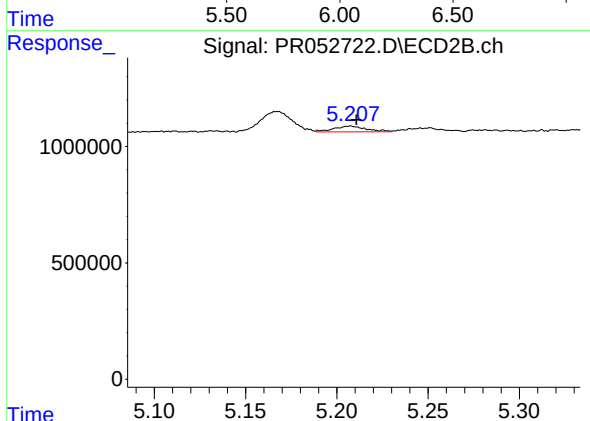
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 329546
Conc: 3.02 ng/ml



#19 AR-1242-4

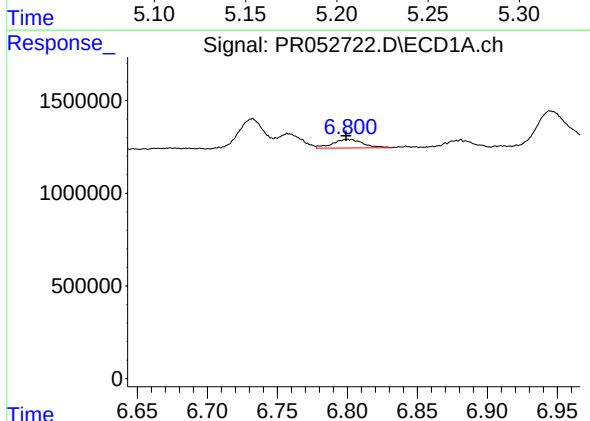
R.T.: 0.000 min
Exp R.T.: 6.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



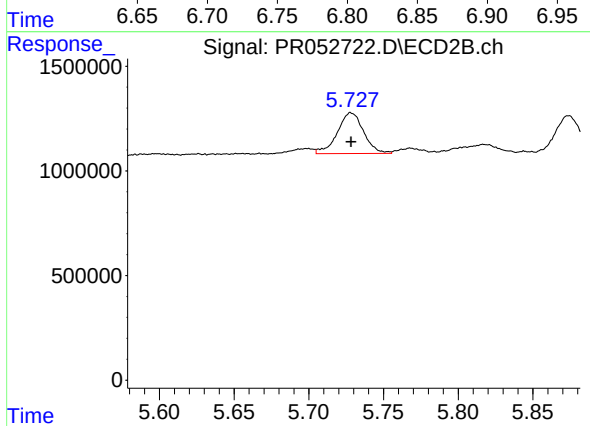
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 311377
Conc: 5.38 ng/ml



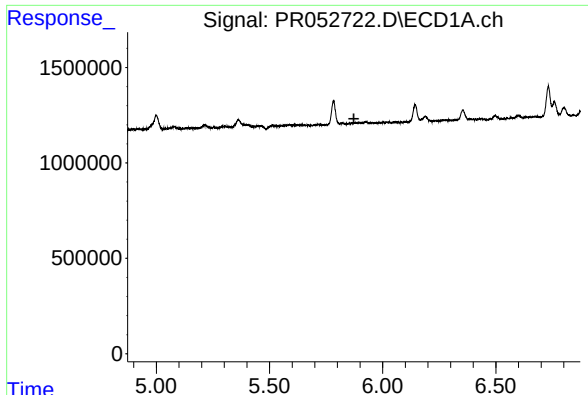
#20 AR-1242-5

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 715668
Conc: 9.61 ng/ml



#20 AR-1242-5

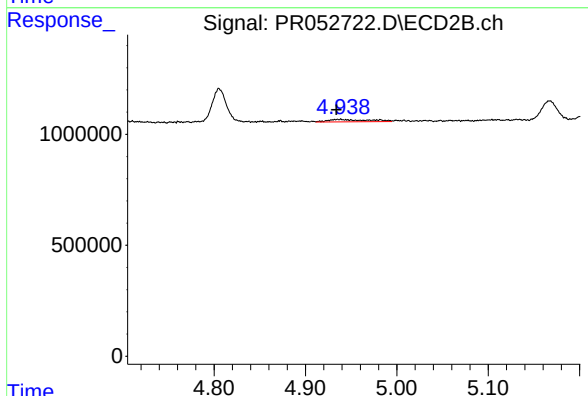
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 2385417
Conc: 33.75 ng/ml



#21 AR-1248-1

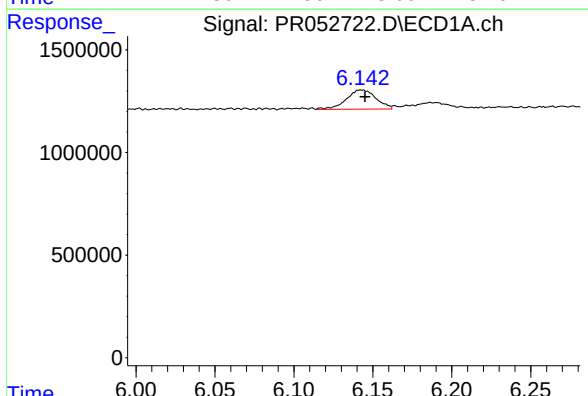
R.T.: 0.000 min
Exp R.T.: 5.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



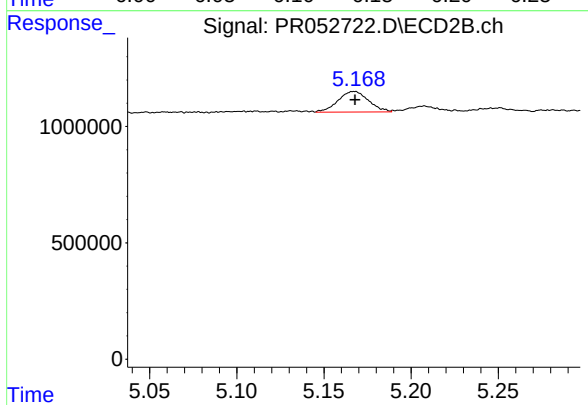
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 329546
Conc: 5.75 ng/ml



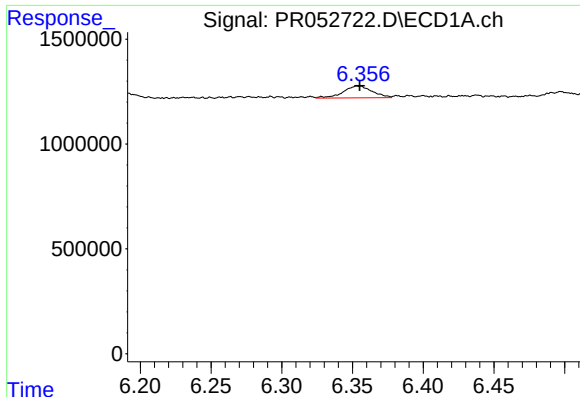
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 1219418
Conc: 12.01 ng/ml



#22 AR-1248-2

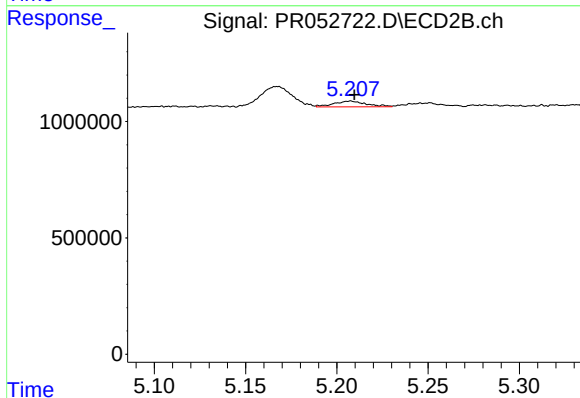
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1085523
Conc: 13.67 ng/ml



#23 AR-1248-3

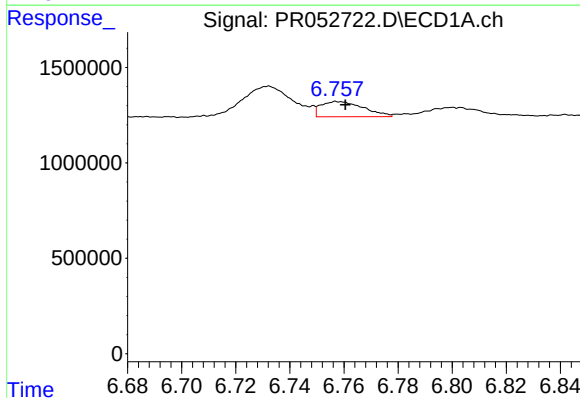
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 808713
Conc: 7.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



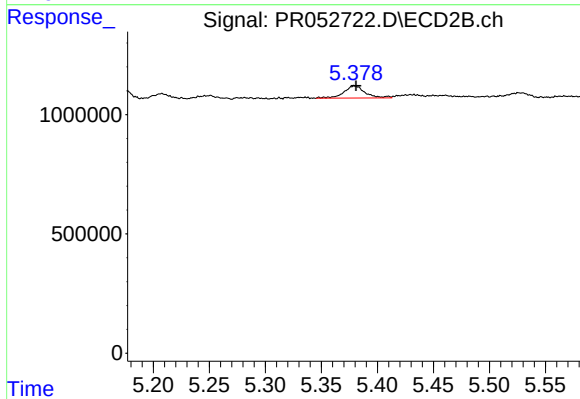
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 311377
Conc: 3.69 ng/ml



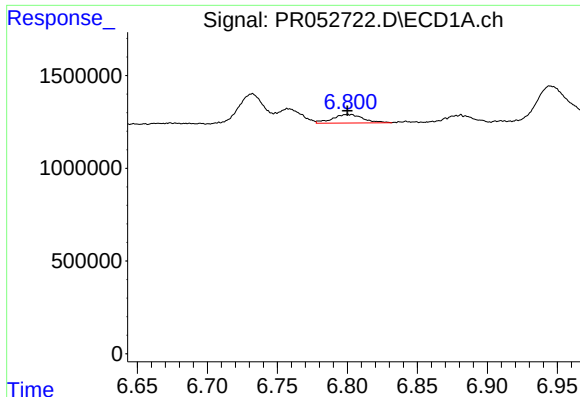
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 875000
Conc: 6.91 ng/ml



#24 AR-1248-4

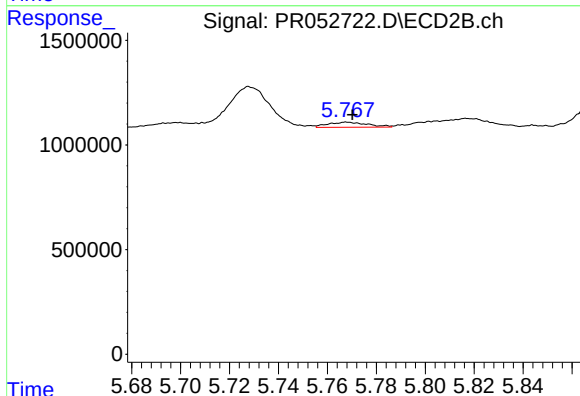
R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 678954
Conc: 6.85 ng/ml



#25 AR-1248-5

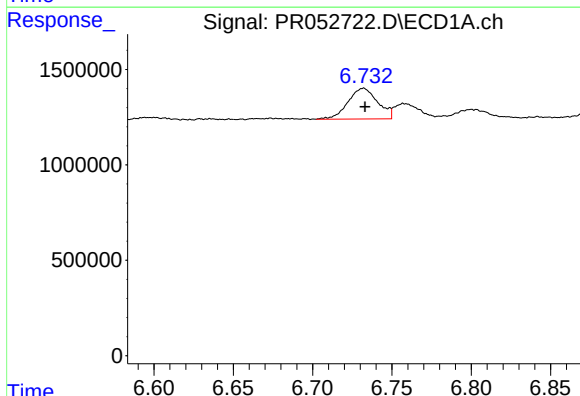
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 715668
Conc: 5.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



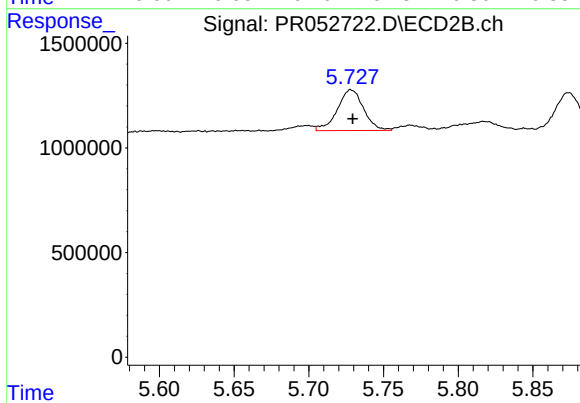
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 273834
Conc: 2.80 ng/ml



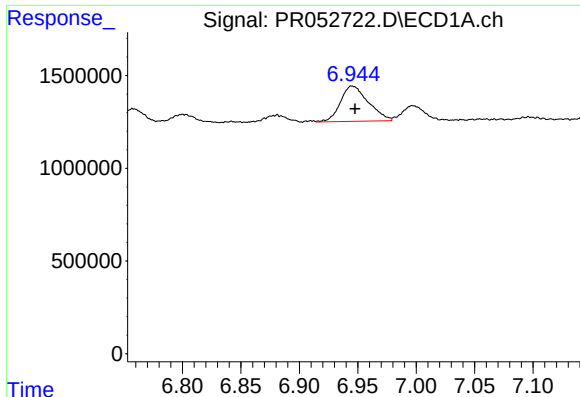
#26 AR-1254-1

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2102719
Conc: 16.02 ng/ml



#26 AR-1254-1

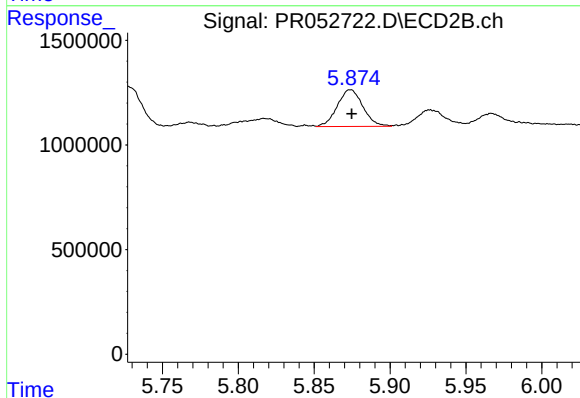
R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 2385417
Conc: 15.73 ng/ml



#27 AR-1254-2

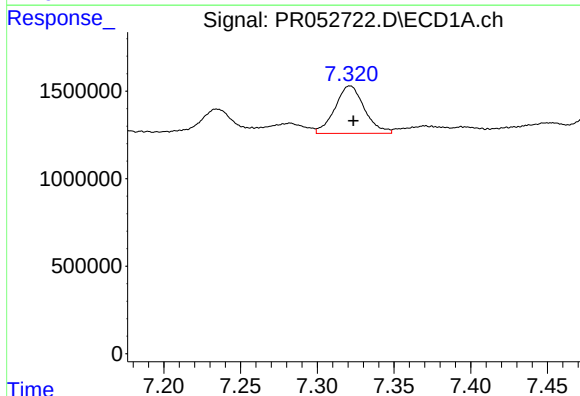
R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 3168089
Conc: 15.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



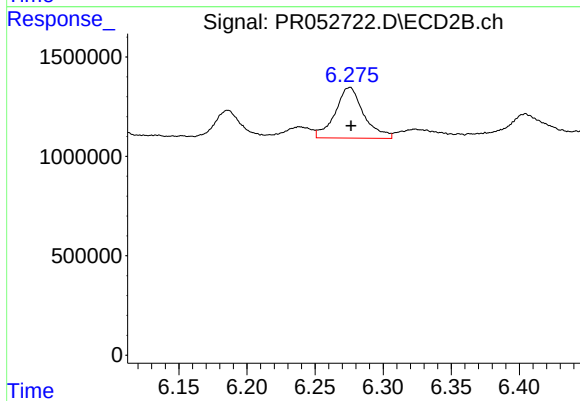
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 2056306
Conc: 15.68 ng/ml



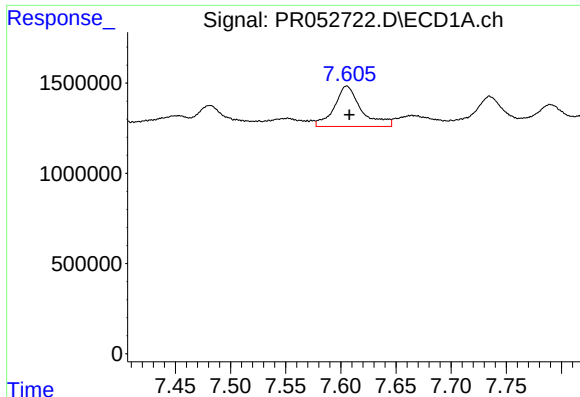
#28 AR-1254-3

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 3634322
Conc: 17.14 ng/ml



#28 AR-1254-3

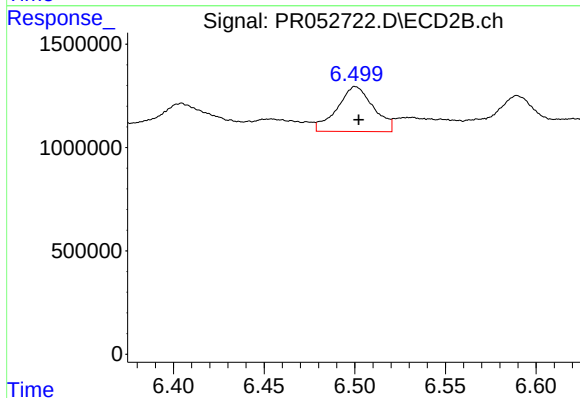
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3719772
Conc: 16.85 ng/ml



#29 AR-1254-4

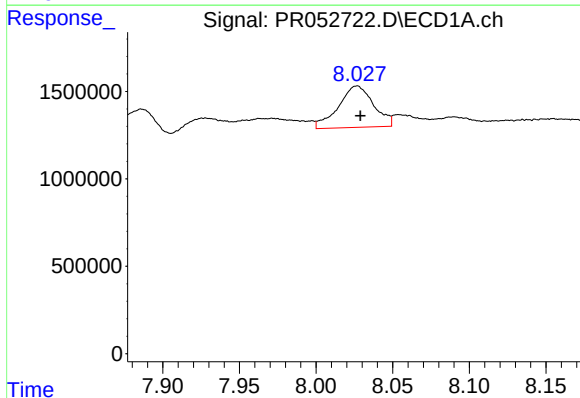
R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 3833358
Conc: 24.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



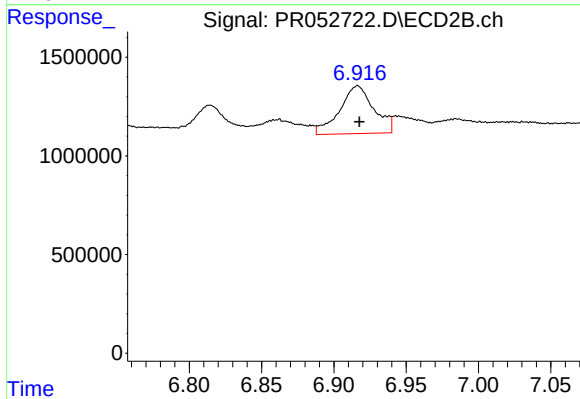
#29 AR-1254-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 3025371
Conc: 22.21 ng/ml



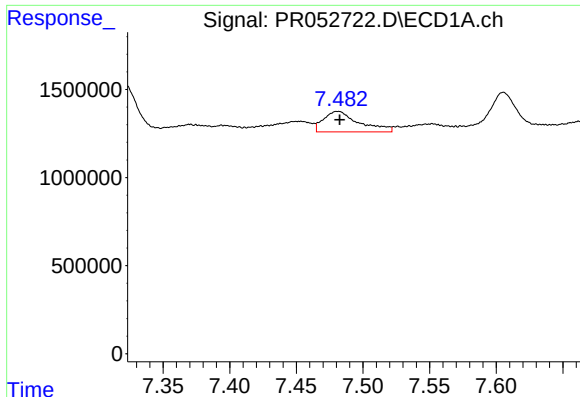
#30 AR-1254-5

R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 3785714
Conc: 21.48 ng/ml



#30 AR-1254-5

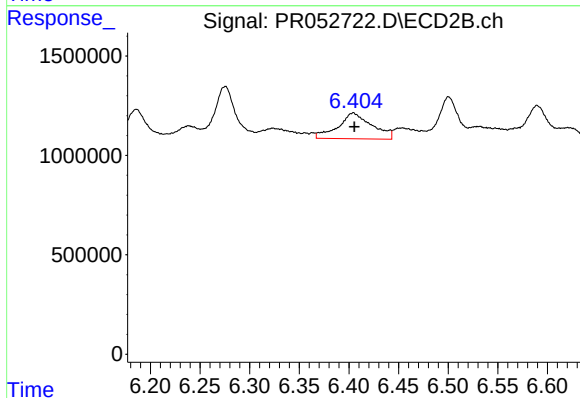
R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 4002549
Conc: 19.26 ng/ml



#31 AR-1260-1

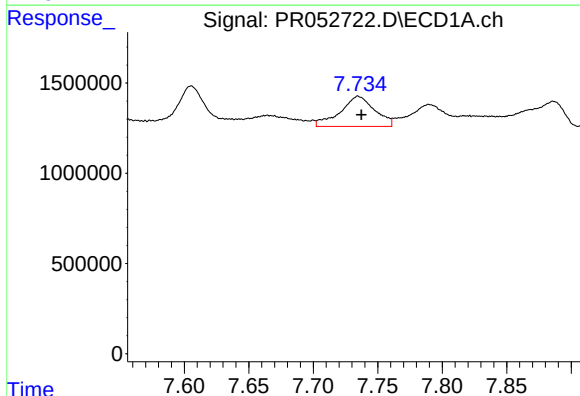
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2170064
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



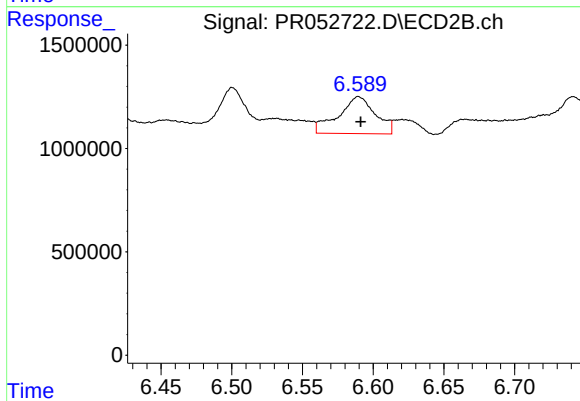
#31 AR-1260-1

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 3086983
Conc: 21.69 ng/ml



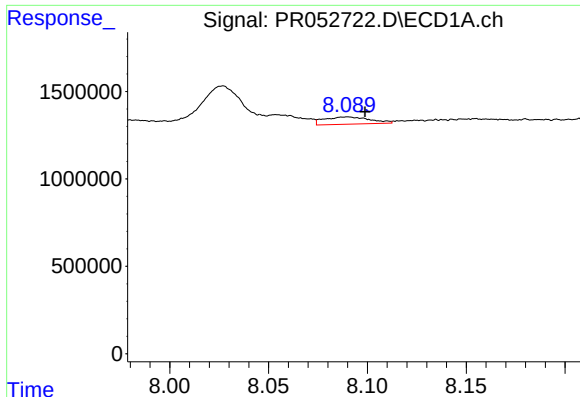
#32 AR-1260-2

R.T.: 7.735 min
Delta R.T.: -0.003 min
Response: 3115385
Conc: 16.70 ng/ml



#32 AR-1260-2

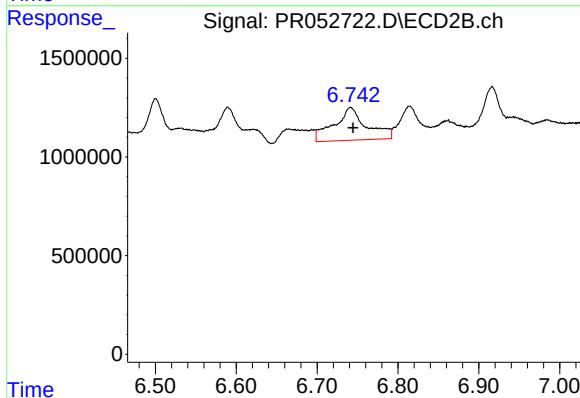
R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 3259963
Conc: 18.78 ng/ml



#33 AR-1260-3

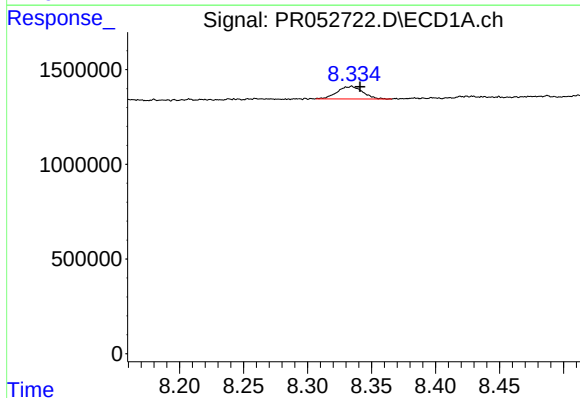
R.T.: 8.090 min
Delta R.T.: -0.009 min
Response: 669528
Conc: 4.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



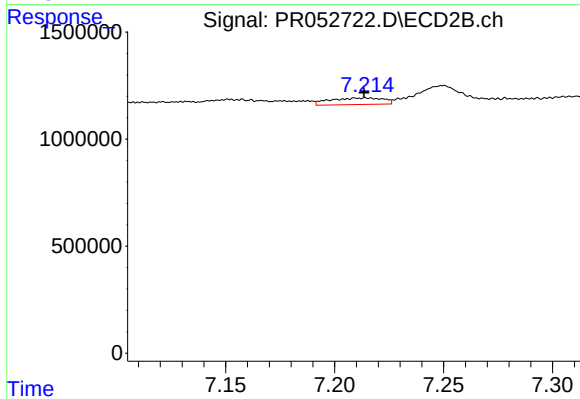
#33 AR-1260-3

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 4633846
Conc: 27.46 ng/ml



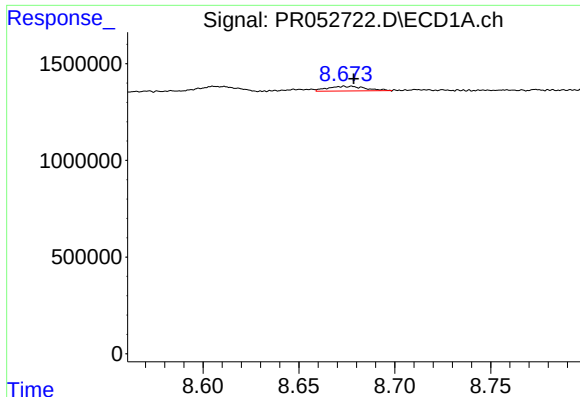
#34 AR-1260-4

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 928332
Conc: 5.45 ng/ml



#34 AR-1260-4

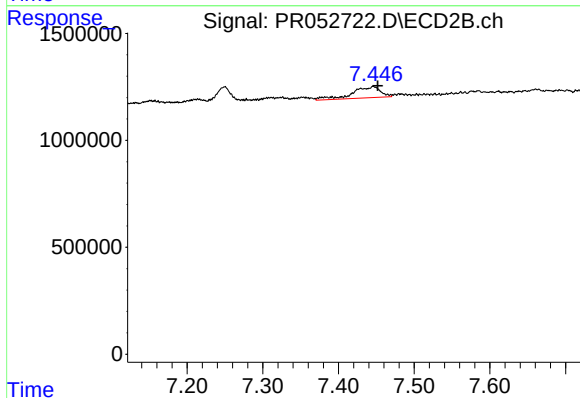
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 521234
Conc: 3.43 ng/ml



#35 AR-1260-5

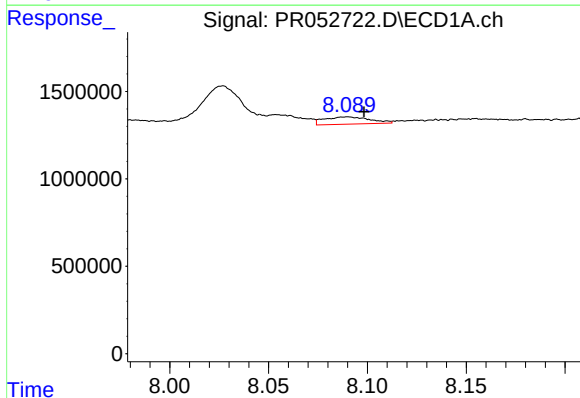
R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 332086
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



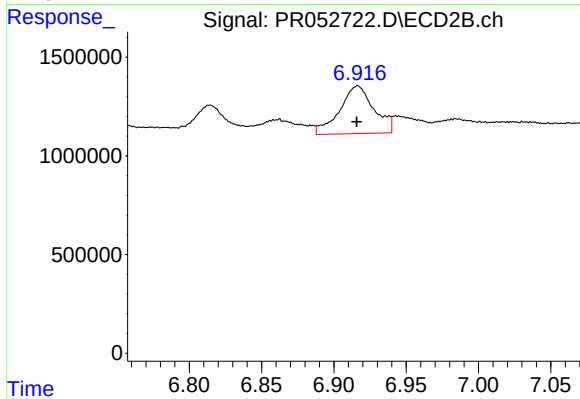
#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: -0.006 min
Response: 1345528
Conc: 3.67 ng/ml



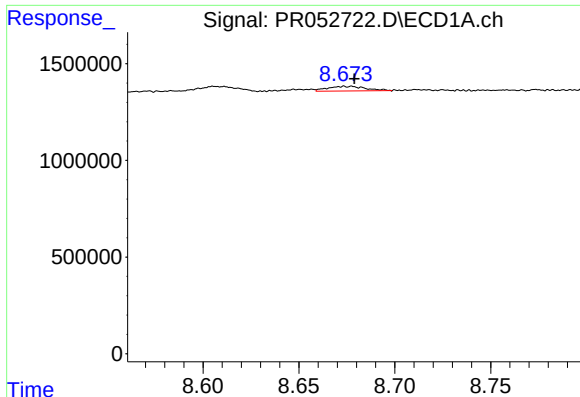
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.008 min
Response: 669528
Conc: 3.30 ng/ml



#36 AR-1262-1

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 4002549
Conc: 36.95 ng/ml



#37 AR-1262-2

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 332086
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :

#37 AR-1262-2

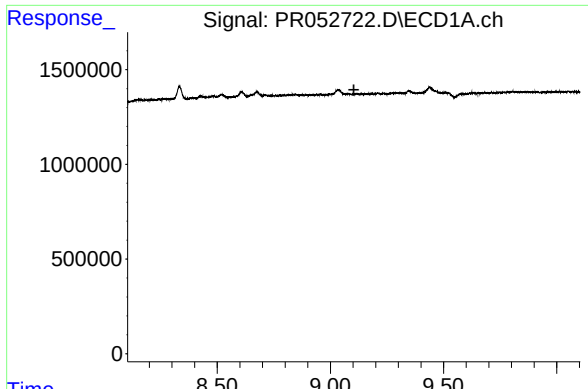
R.T.: 7.446 min
Delta R.T.: -0.005 min
Response: 1345528
Conc: 3.46 ng/ml

#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.027 min
Response: 253061
Conc: 1.55 ng/ml

#38 AR-1262-3

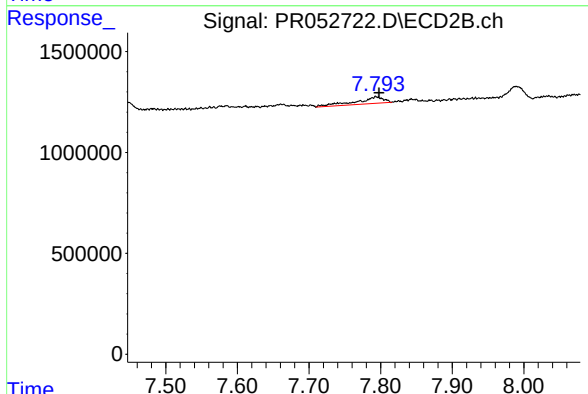
R.T.: 0.000 min
Exp R.T.: 7.735 min
Response: 0
Conc: N.D.



#39 AR-1262-4

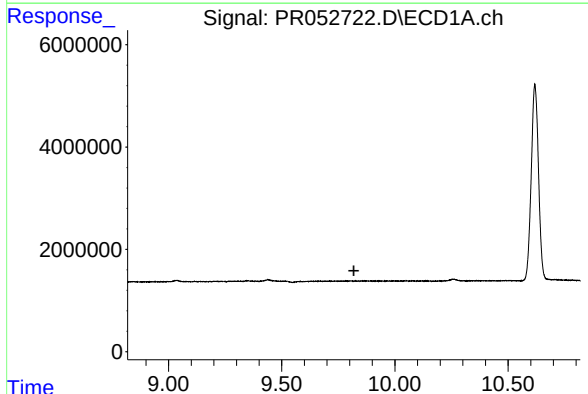
R.T.: 0.000 min
Exp R.T. : 9.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



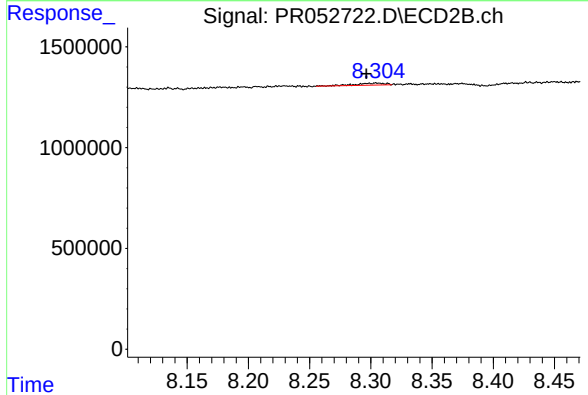
#39 AR-1262-4

R.T.: 7.794 min
Delta R.T.: -0.004 min
Response: 871407
Conc: 2.89 ng/ml



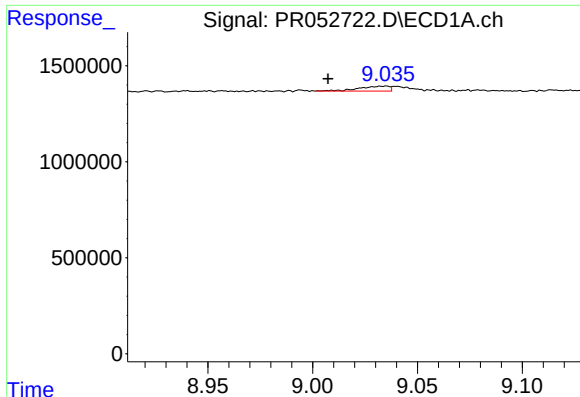
#40 AR-1262-5

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



#40 AR-1262-5

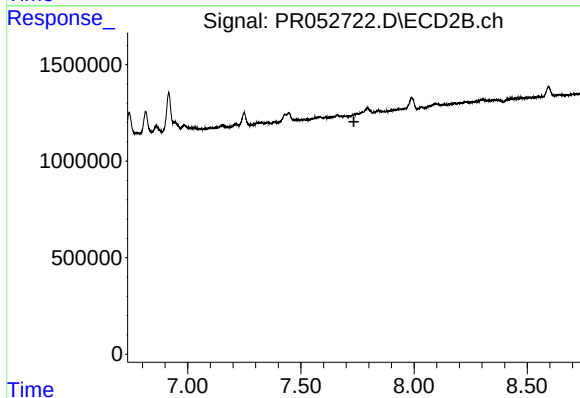
R.T.: 8.298 min
Delta R.T.: 0.002 min
Response: 165809
Conc: 1.15 ng/ml



#41 AR-1268-1

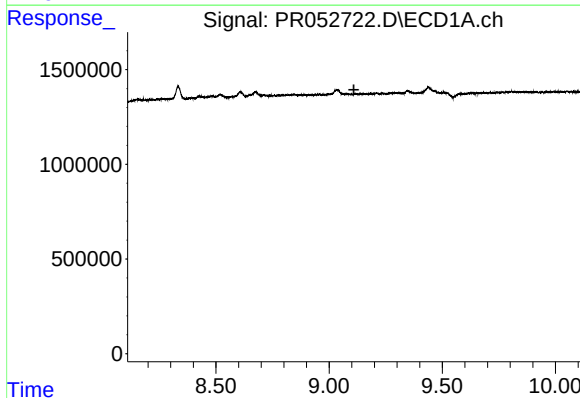
R.T.: 9.035 min
Delta R.T.: 0.028 min
Response: 253061
Conc: 0.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



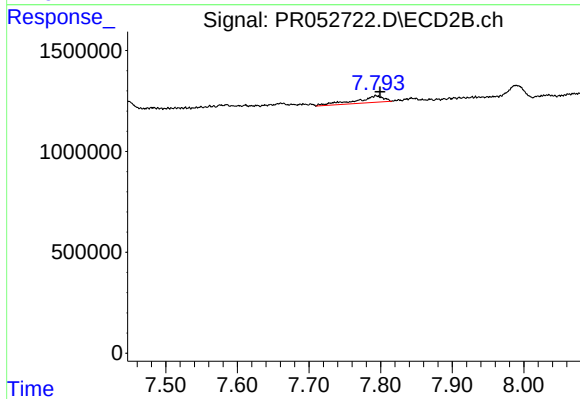
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.734 min
Response: 0
Conc: N.D.



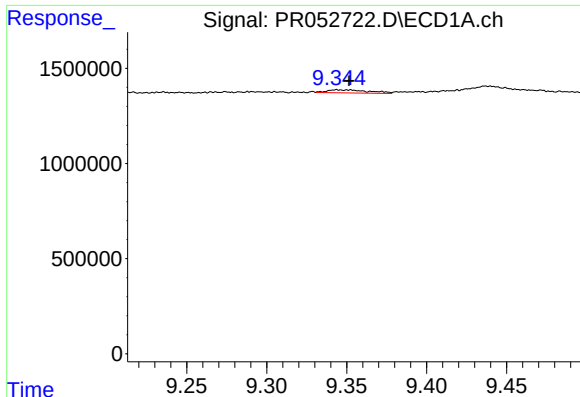
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.109 min
Response: 0
Conc: N.D.



#42 AR-1268-2

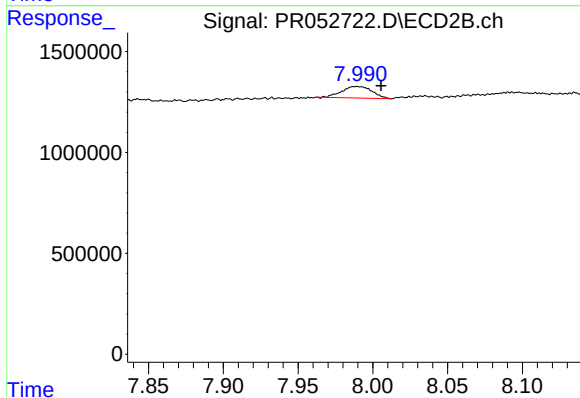
R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 871407
Conc: 1.96 ng/ml



#43 AR-1268-3

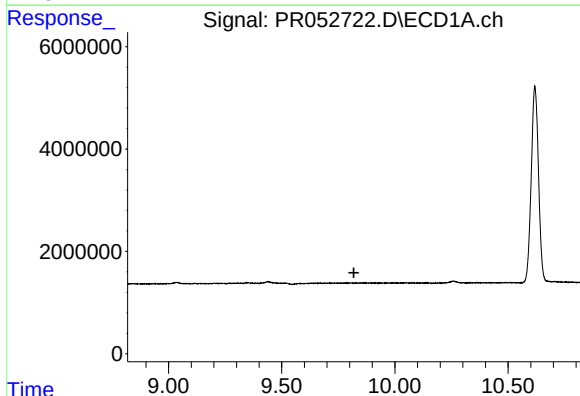
R.T.: 9.344 min
Delta R.T.: -0.008 min
Response: 291818
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



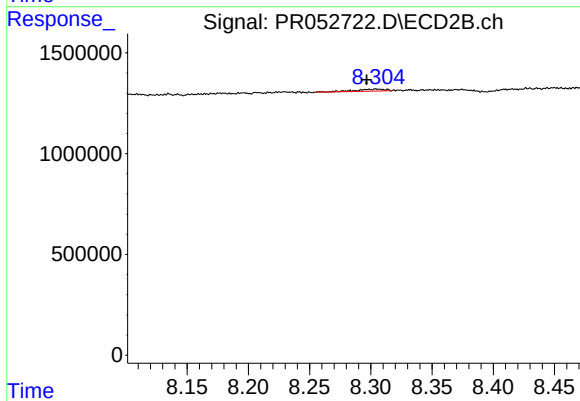
#43 AR-1268-3

R.T.: 7.989 min
Delta R.T.: -0.016 min
Response: 807739
Conc: 2.09 ng/ml



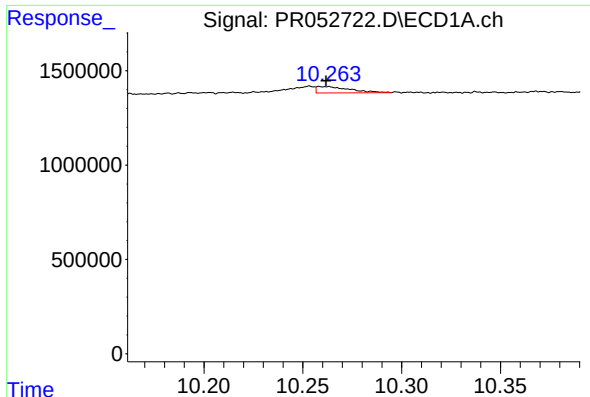
#44 AR-1268-4

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



#44 AR-1268-4

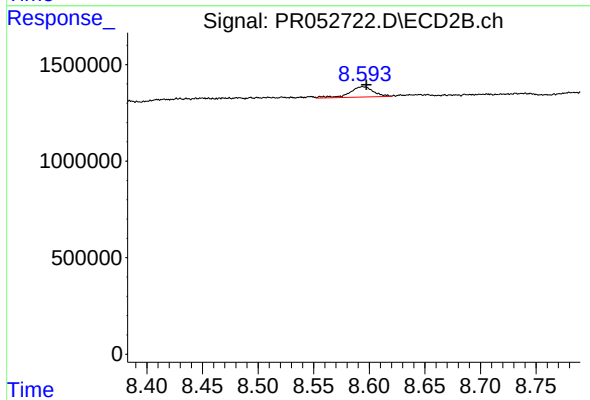
R.T.: 8.298 min
Delta R.T.: 0.001 min
Response: 165809
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 10.263 min
Delta R.T.: 0.001 min
Response: 389150
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 793721
Conc: 0.64 ng/ml