

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072120\
 Data File : PR046338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2020 10:34
 Operator : AJ\MA
 Sample : L3216-03
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 13:08:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 20 12:51:25 2020
 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...	4.765	3.989	31447543	226.4E6	17.096	18.401
2)	SA Decachlor...	10.770	9.118	38450955	325.9E6	19.453	21.048
Target Compounds							
3)	L1 AR-1016-1	5.971	0.000	23408	0	0.334	N.D. #
4)	L1 AR-1016-2	5.971	0.000	23408	0	0.237	N.D. #
5)	L1 AR-1016-3	6.039	0.000	84362	0	1.419	N.D. #
6)	L1 AR-1016-4	0.000	5.327	0	7832592	N.D.	29.138 #
7)	L1 AR-1016-5	6.439	5.544	839627	5214803	17.073	14.025
8)	L2 AR-1221-1	4.989	0.000	46705	0	2.362	N.D. #
9)	L2 AR-1221-2	5.082	4.295	517418	3910903	35.246	41.086
10)	L2 AR-1221-3	5.177f	0.000	144447	0	3.078	N.D. #
11)	L3 AR-1232-1	5.177f	0.000	144447	0	3.774	N.D. #
13)	L3 AR-1232-3	5.971	0.000	23408	0	0.587	N.D. #
14)	L3 AR-1232-4	0.000	5.370	0	1743806	N.D.	14.104 #
15)	L3 AR-1232-5	6.228	5.544	1230971	5214803	81.627	37.977 #
16)	L4 AR-1242-1	5.941	0.000	65203	0	1.206	N.D. #
17)	L4 AR-1242-2	5.971	0.000	23408	0	0.309	N.D. #
18)	L4 AR-1242-3	6.039	0.000	84362	0	1.844	N.D. #
19)	L4 AR-1242-4	0.000	5.370	0	1743806	N.D.	6.704 #
20)	L4 AR-1242-5	6.886	5.900	882443	21822710	19.943	59.115 #
21)	L5 AR-1248-1	5.941	0.000	65203	0	1.618	N.D. #
22)	L5 AR-1248-2	6.228	5.327	1230971	7832592	22.565	22.197
23)	L5 AR-1248-3	6.439	5.370	839627	1743806	13.528	4.660 #
24)	L5 AR-1248-4	6.846	5.544	1059152	5214803	14.376	11.108
25)	L5 AR-1248-5	6.886	5.942	882443	2713621	12.565	5.605 #
26)	L6 AR-1254-1	6.817	5.900	2257262	21822710	29.235	27.708
27)	L6 AR-1254-2	7.034	6.047	3299120	19688969	26.983	28.635
28)	L6 AR-1254-3	7.409	6.456	3273054	32939254	24.408	27.746
29)	L6 AR-1254-4	7.696	6.684	2675797	23011791	26.060	29.861
30)	L6 AR-1254-5	8.118	7.105	3501310	27231333	31.486	25.917
31)	L7 AR-1260-1	7.569	6.587	1411292	14063126	15.172	19.487 #
32)	L7 AR-1260-2	7.825	6.773	1890564	12134583	16.461	13.723
33)	L7 AR-1260-3	8.181	6.930	565906	12068145	6.300	14.658 #
34)	L7 AR-1260-4	8.429	0.000	1907926	0	18.328	N.D. #
35)	L7 AR-1260-5	8.782	7.644	1692214	2394845	7.849	1.293 #
36)	L8 AR-1262-1	8.181	7.105	565906	27231333	4.647	55.596 #
37)	L8 AR-1262-2	8.782	7.644	1692214	2394845	7.474	1.232 #
38)	L8 AR-1262-3	9.144f	0.000	1854354	0	18.990	N.D. #
39)	L8 AR-1262-4	9.191f	7.994	1366501	4980272	11.983	3.511 #
41)	L9 AR-1268-1	9.144f	0.000	1854354	0	6.461	N.D. #
42)	L9 AR-1268-2	9.191f	7.994	1366501	4980272	5.178	2.212 #
43)	L9 AR-1268-3	9.464	0.000	313022	0	1.430	N.D. #

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Quant Title : GC EXTRACTABLES
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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
45) L9	AR-1268-5	10.397	8.835	567682	2840661	0.798	0.512 #

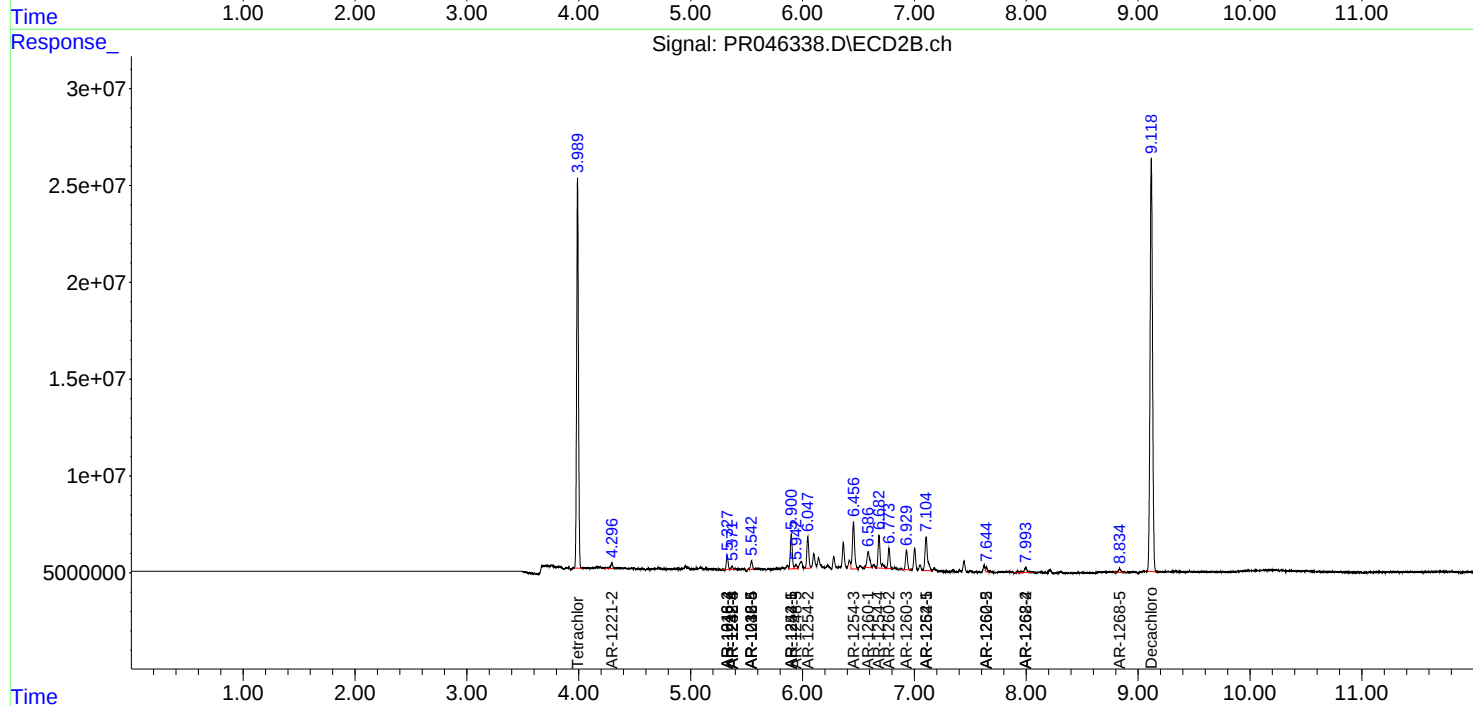
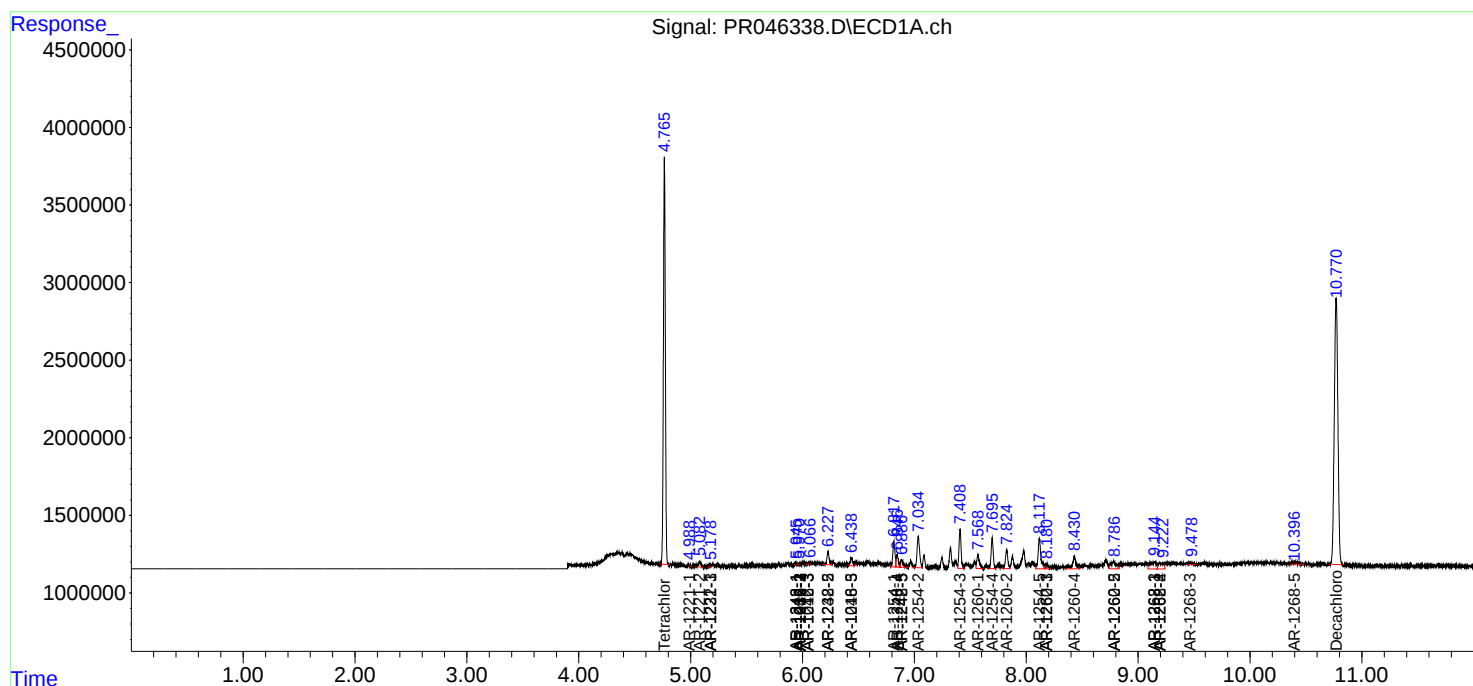
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

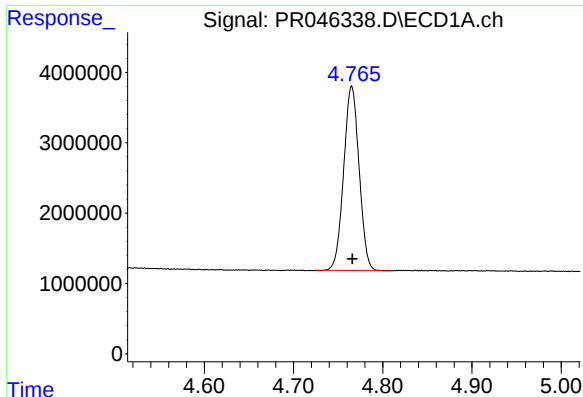
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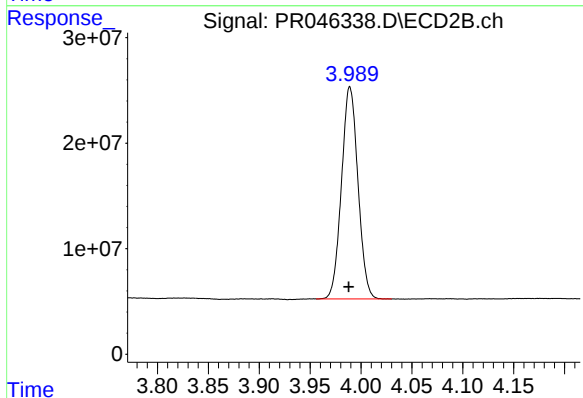




#1 Tetrachloro-m-xylene

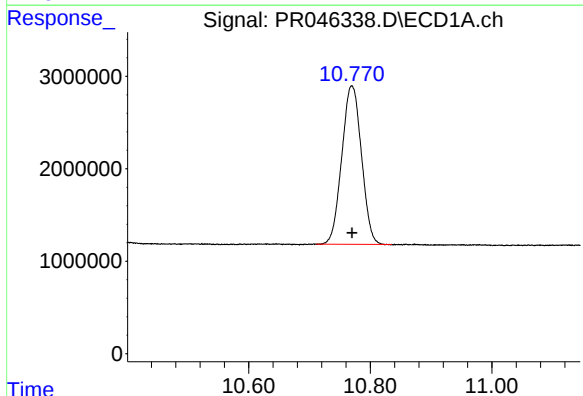
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 31447543
Conc: 17.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



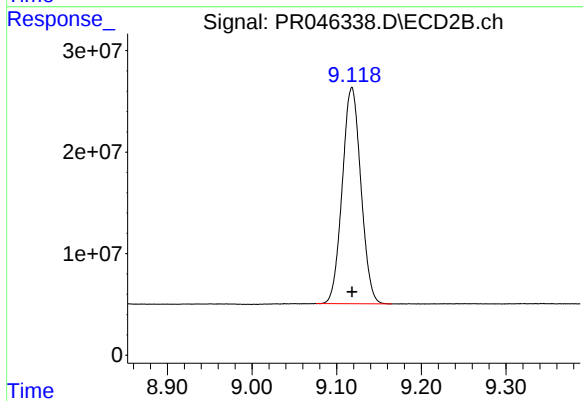
#1 Tetrachloro-m-xylene

R.T.: 3.989 min
Delta R.T.: 0.001 min
Response: 226446975
Conc: 18.40 ng/ml



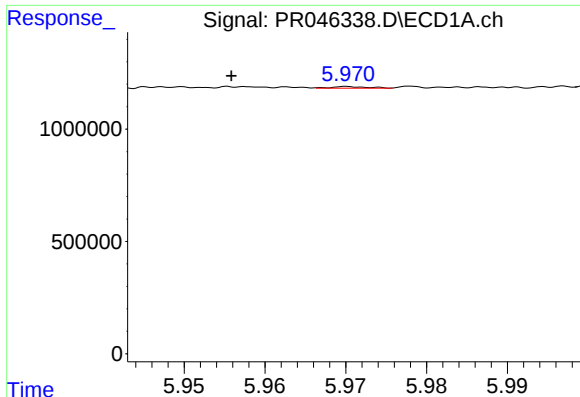
#2 Decachlorobiphenyl

R.T.: 10.770 min
Delta R.T.: 0.000 min
Response: 38450955
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

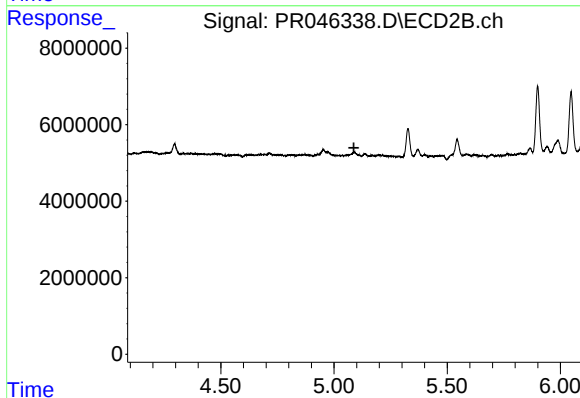
R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 325899525
Conc: 21.05 ng/ml



#3 AR-1016-1

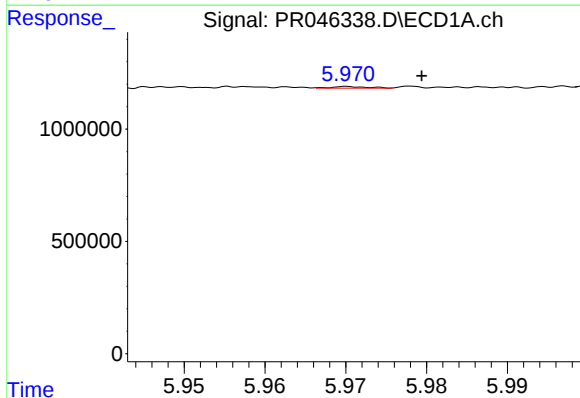
R.T.: 5.971 min
Delta R.T.: 0.015 min
Response: 23408
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



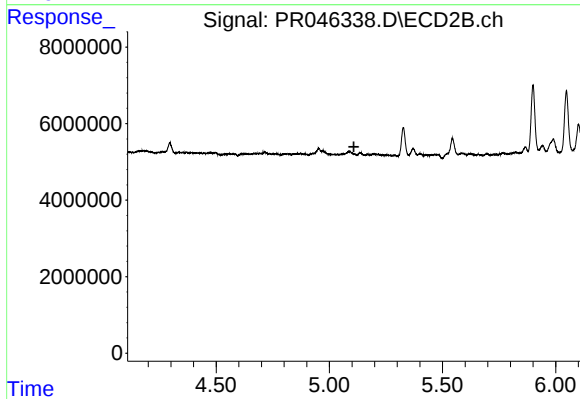
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.088 min
Response: 0
Conc: N.D.



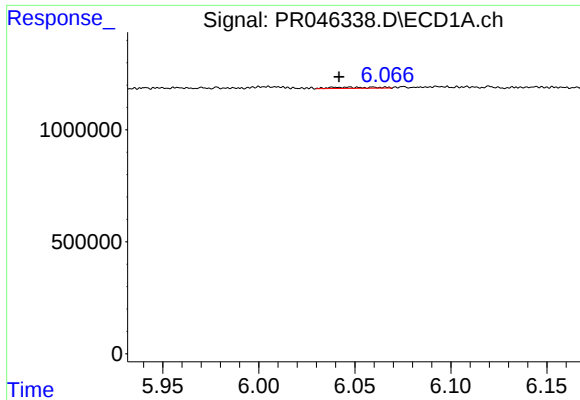
#4 AR-1016-2

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 23408
Conc: 0.24 ng/ml



#4 AR-1016-2

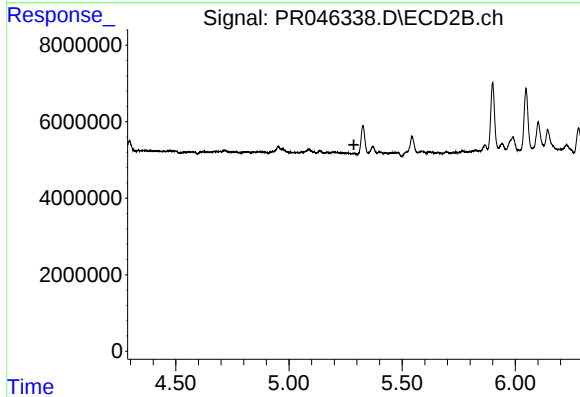
R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



#5 AR-1016-3

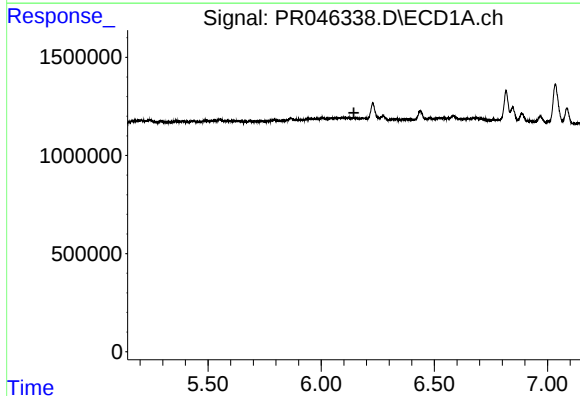
R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 84362
Conc: 1.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



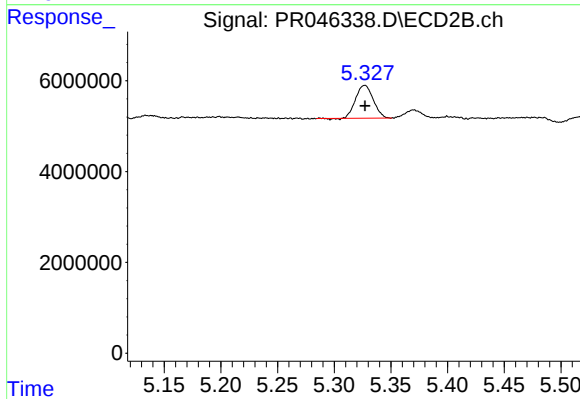
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



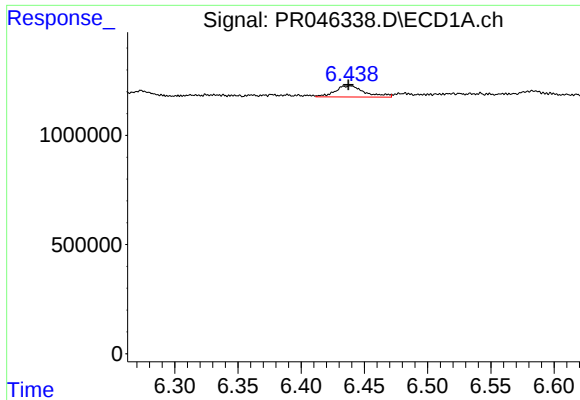
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.



#6 AR-1016-4

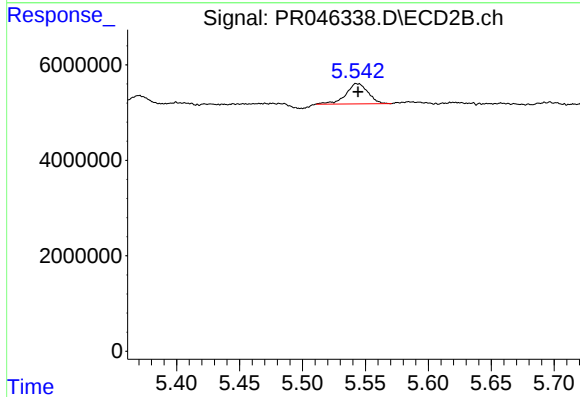
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 7832592
Conc: 29.14 ng/ml



#7 AR-1016-5

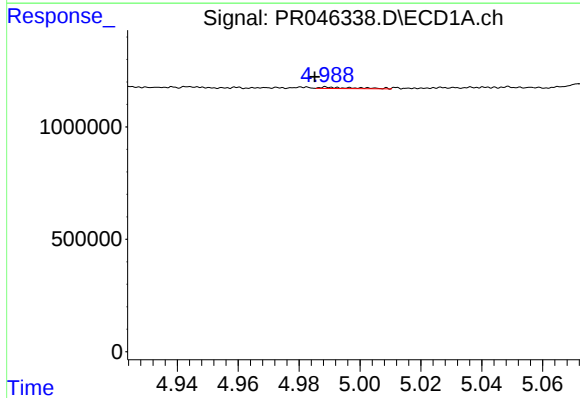
R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 839627
Conc: 17.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



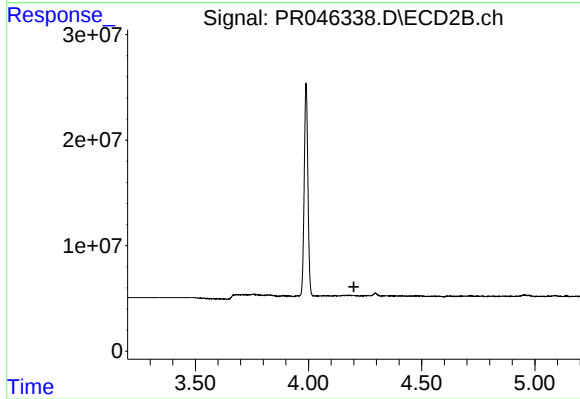
#7 AR-1016-5

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 5214803
Conc: 14.02 ng/ml



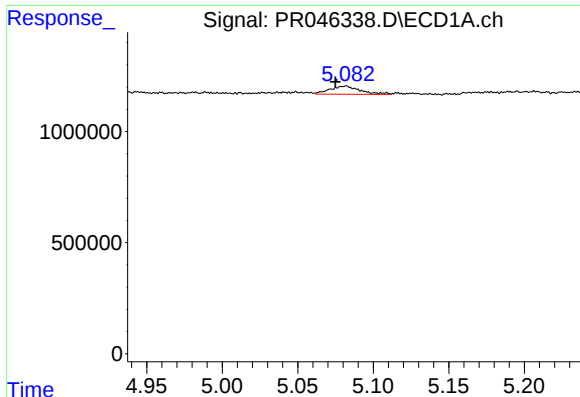
#8 AR-1221-1

R.T.: 4.989 min
Delta R.T.: 0.004 min
Response: 46705
Conc: 2.36 ng/ml



#8 AR-1221-1

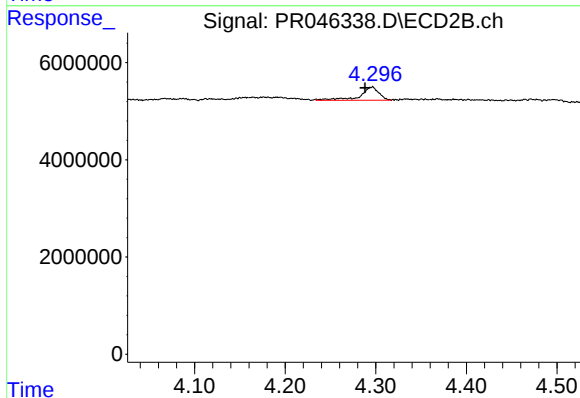
R.T.: 0.000 min
Exp R.T.: 4.201 min
Response: 0
Conc: N.D.



#9 AR-1221-2

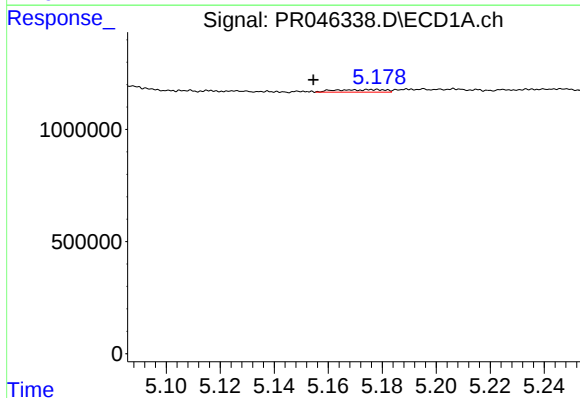
R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 517418
Conc: 35.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



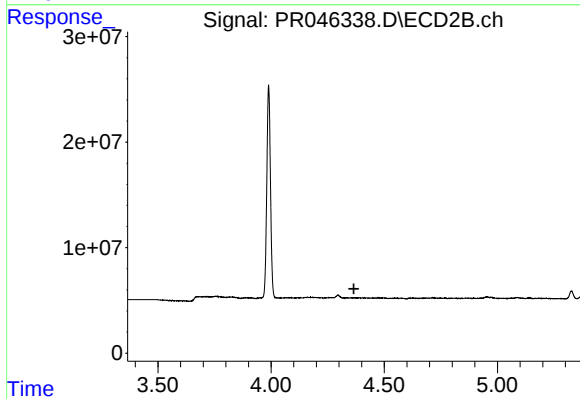
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: 0.007 min
Response: 3910903
Conc: 41.09 ng/ml



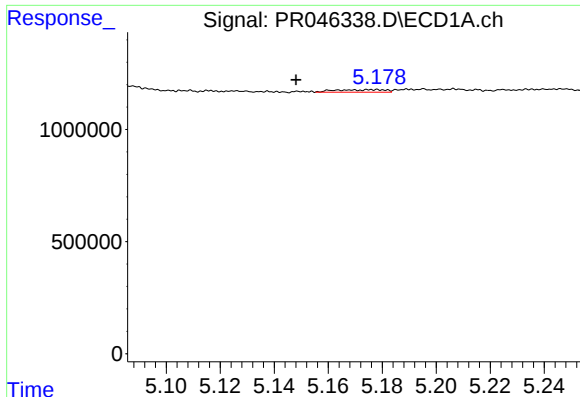
#10 AR-1221-3

R.T.: 5.177 min
Delta R.T.: 0.023 min
Response: 144447
Conc: 3.08 ng/ml



#10 AR-1221-3

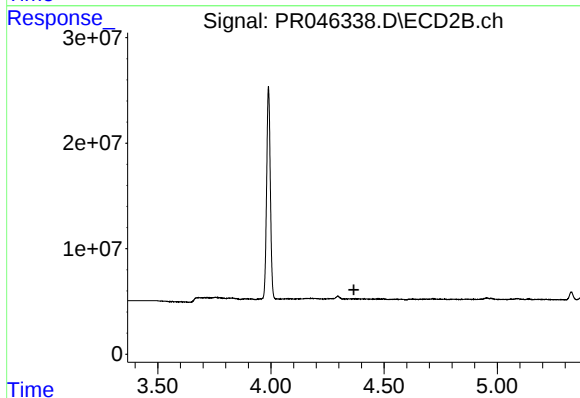
R.T.: 0.000 min
Exp R.T.: 4.366 min
Response: 0
Conc: N.D.



#11 AR-1232-1

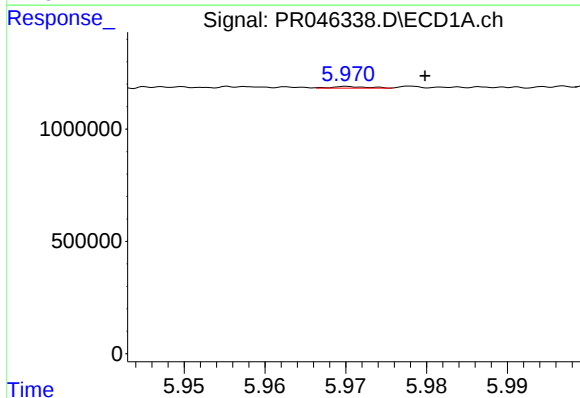
R.T.: 5.177 min
Delta R.T.: 0.029 min
Response: 144447
Conc: 3.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



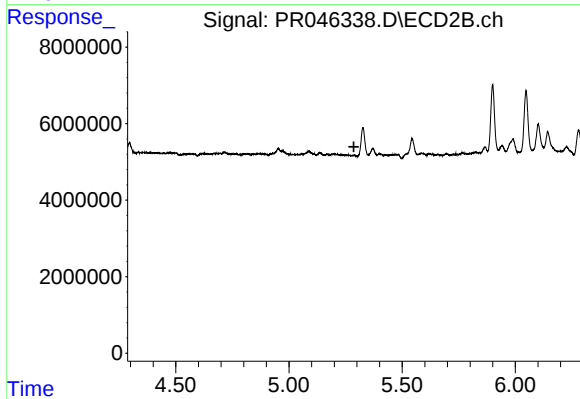
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



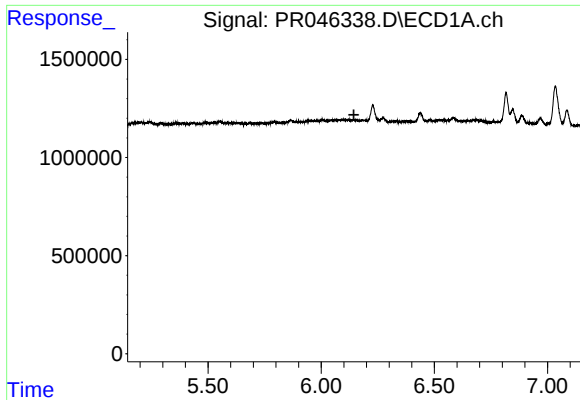
#13 AR-1232-3

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 23408
Conc: 0.59 ng/ml



#13 AR-1232-3

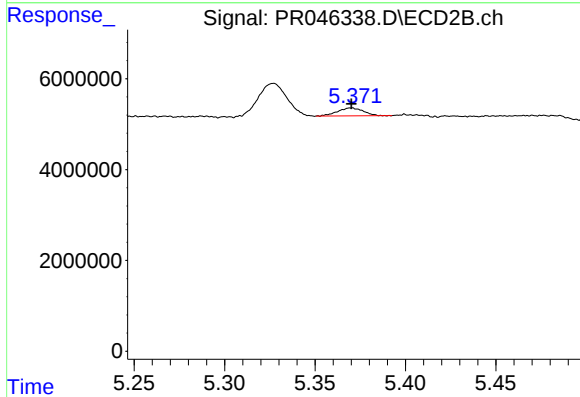
R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



#14 AR-1232-4

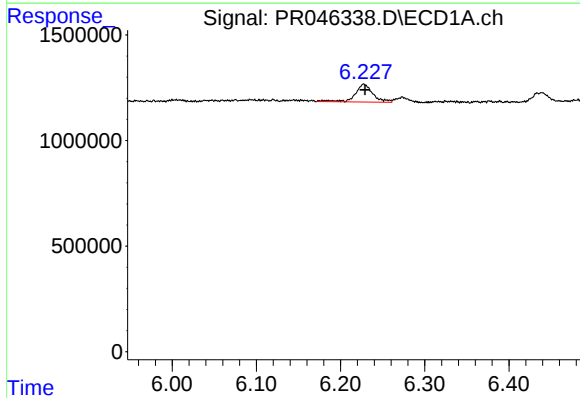
R.T.: 0.000 min
Exp R.T.: 6.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



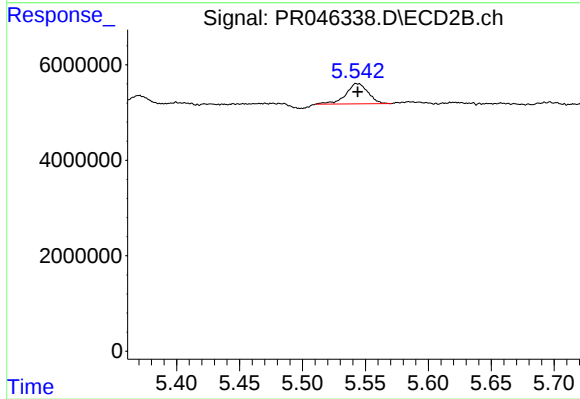
#14 AR-1232-4

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1743806
Conc: 14.10 ng/ml



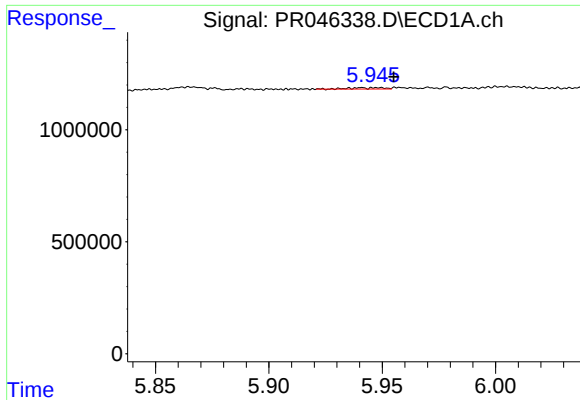
#15 AR-1232-5

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 1230971
Conc: 81.63 ng/ml



#15 AR-1232-5

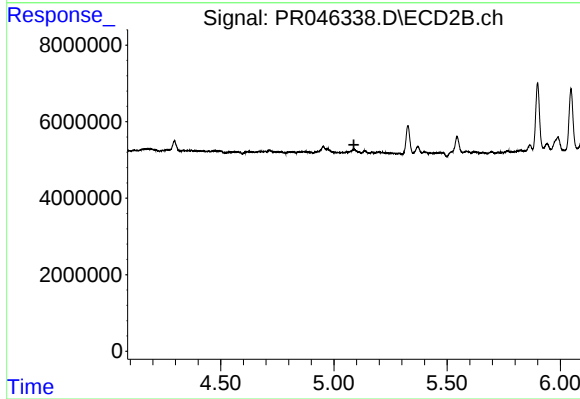
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 5214803
Conc: 37.98 ng/ml



#16 AR-1242-1

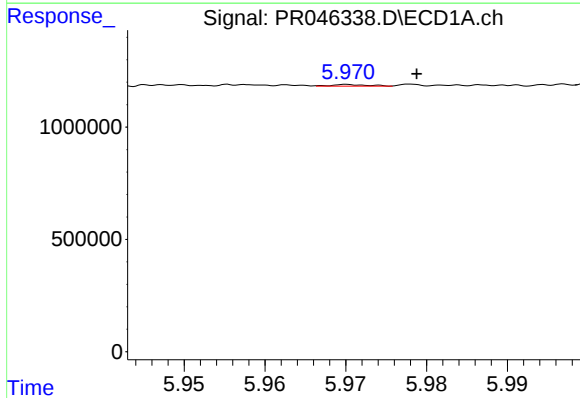
R.T.: 5.941 min
Delta R.T.: -0.014 min
Response: 65203
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



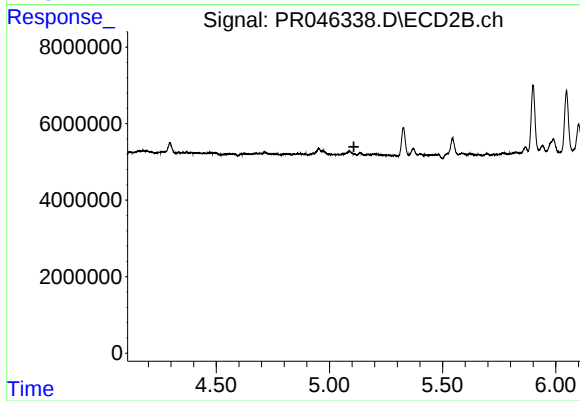
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.088 min
Response: 0
Conc: N.D.



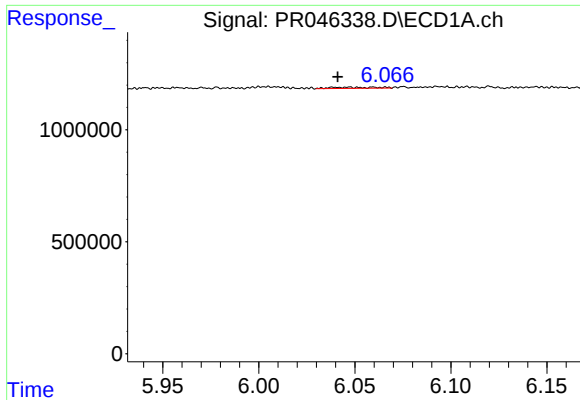
#17 AR-1242-2

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 23408
Conc: 0.31 ng/ml



#17 AR-1242-2

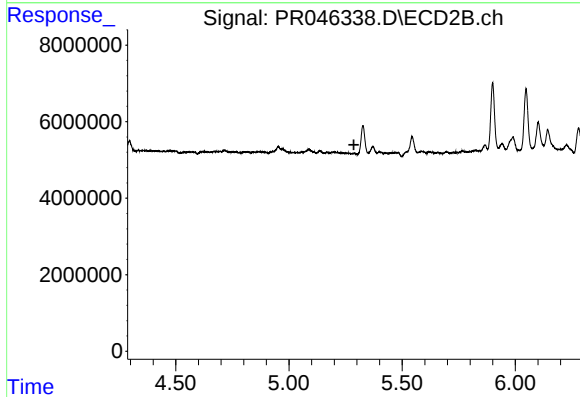
R.T.: 0.000 min
Exp R.T. : 5.108 min
Response: 0
Conc: N.D.



#18 AR-1242-3

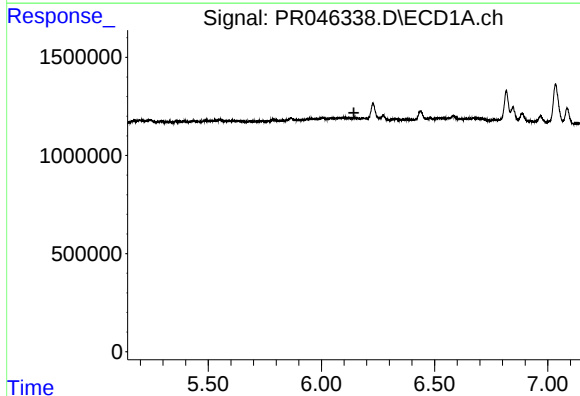
R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 84362
Conc: 1.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



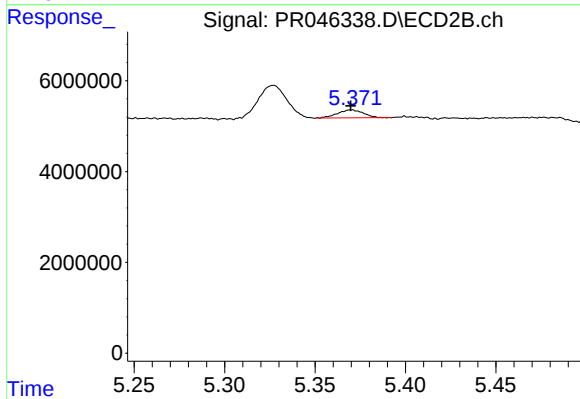
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



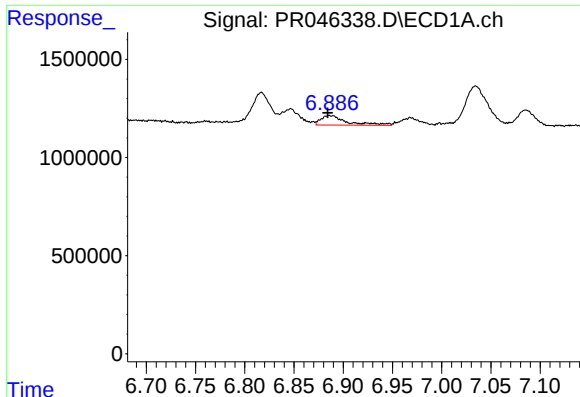
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.



#19 AR-1242-4

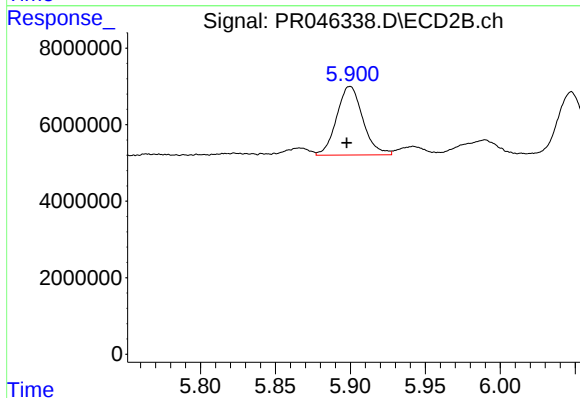
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1743806
Conc: 6.70 ng/ml



#20 AR-1242-5

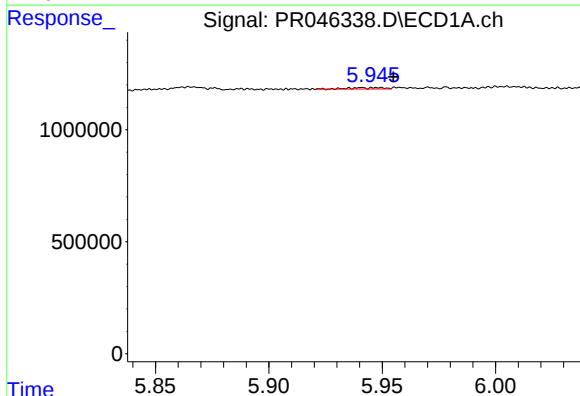
R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 882443
Conc: 19.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



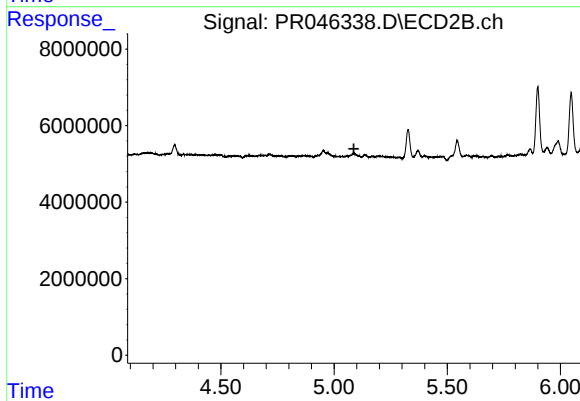
#20 AR-1242-5

R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 21822710
Conc: 59.12 ng/ml



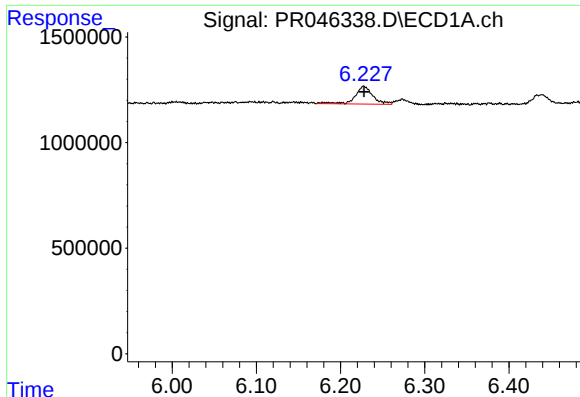
#21 AR-1248-1

R.T.: 5.941 min
Delta R.T.: -0.014 min
Response: 65203
Conc: 1.62 ng/ml



#21 AR-1248-1

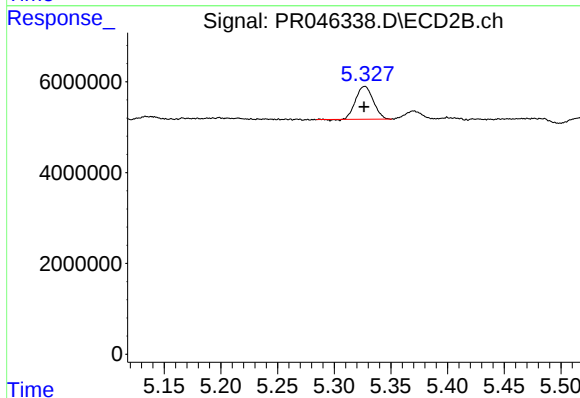
R.T.: 0.000 min
Exp R.T.: 5.087 min
Response: 0
Conc: N.D.



#22 AR-1248-2

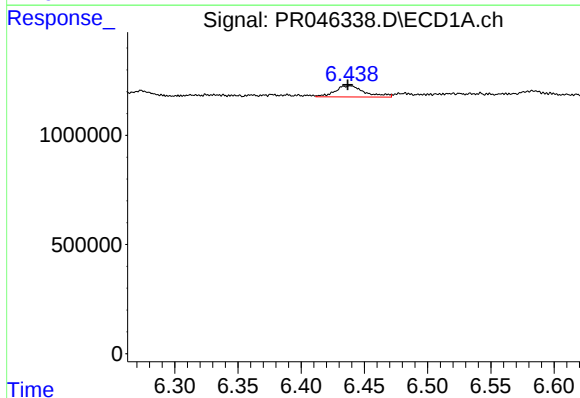
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1230971
Conc: 22.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



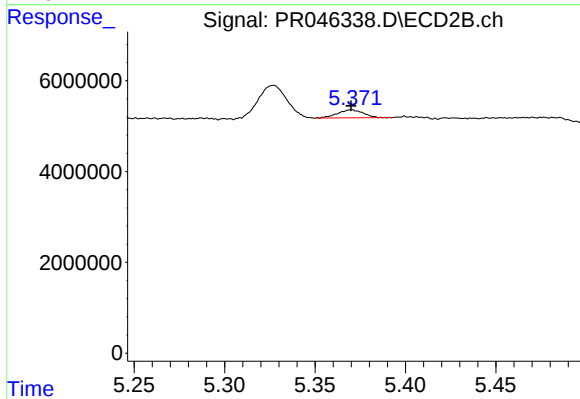
#22 AR-1248-2

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 7832592
Conc: 22.20 ng/ml



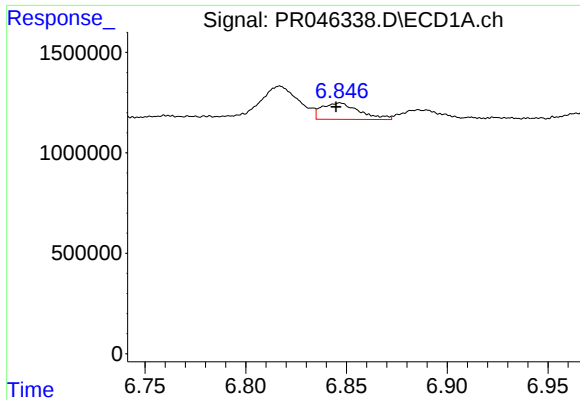
#23 AR-1248-3

R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 839627
Conc: 13.53 ng/ml



#23 AR-1248-3

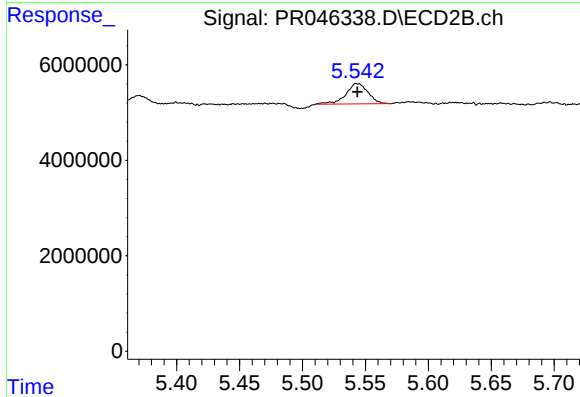
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1743806
Conc: 4.66 ng/ml



#24 AR-1248-4

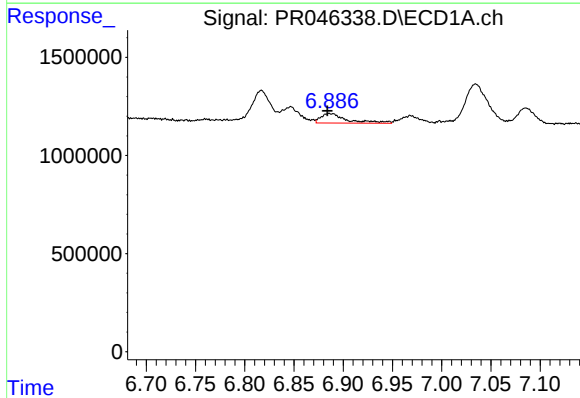
R.T.: 6.846 min
Delta R.T.: 0.001 min
Response: 1059152
Conc: 14.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



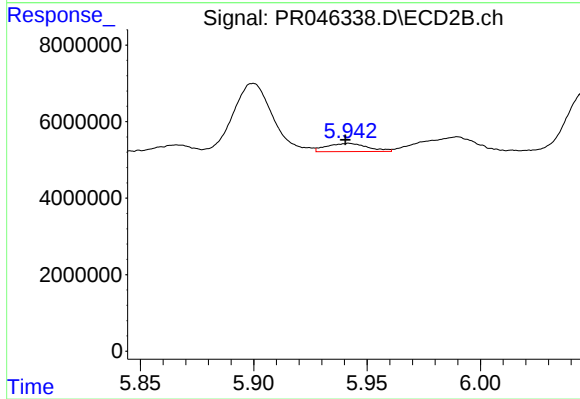
#24 AR-1248-4

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 5214803
Conc: 11.11 ng/ml



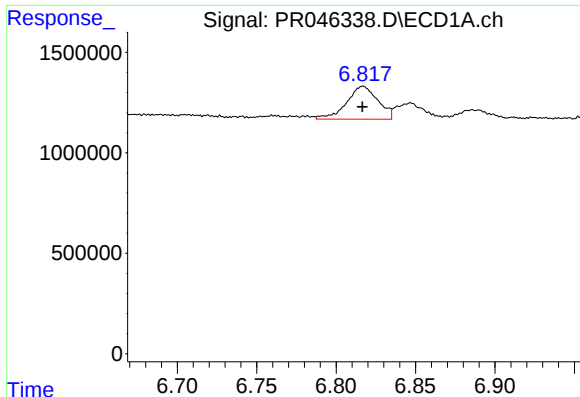
#25 AR-1248-5

R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 882443
Conc: 12.56 ng/ml



#25 AR-1248-5

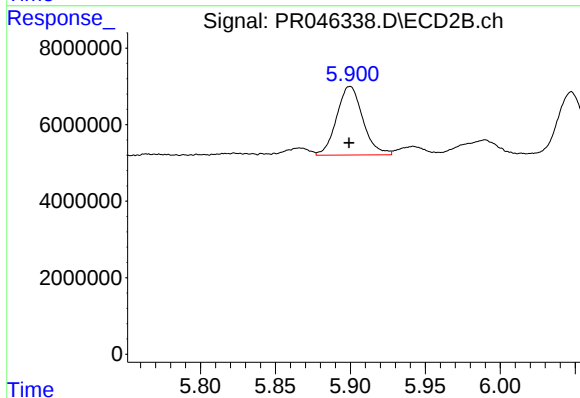
R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 2713621
Conc: 5.61 ng/ml



#26 AR-1254-1

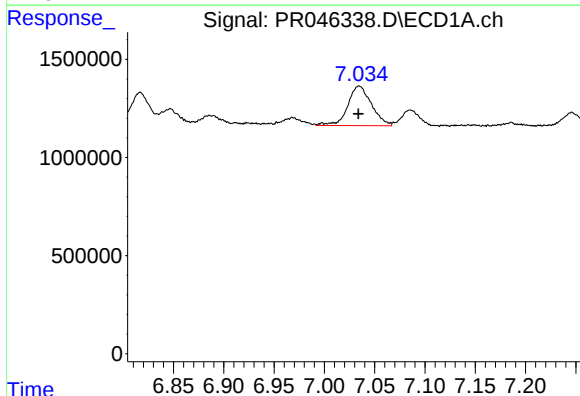
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 2257262
Conc: 29.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



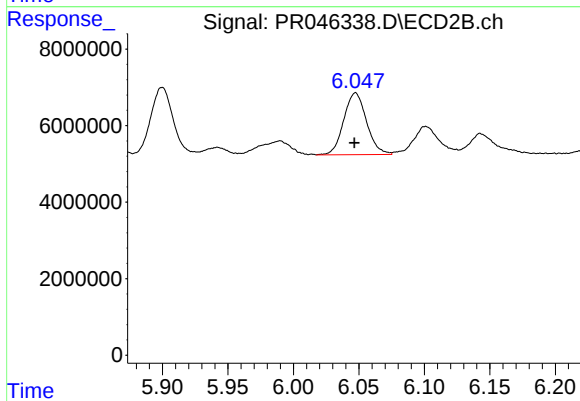
#26 AR-1254-1

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 21822710
Conc: 27.71 ng/ml



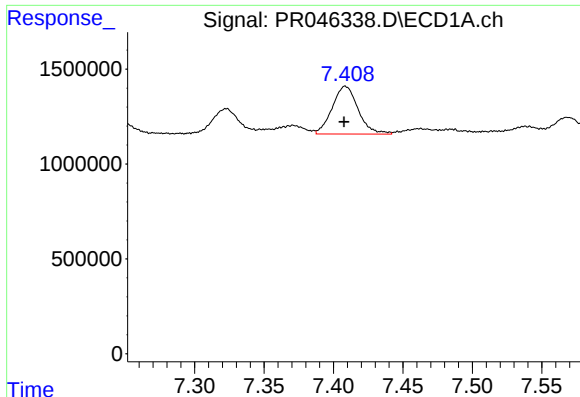
#27 AR-1254-2

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 3299120
Conc: 26.98 ng/ml



#27 AR-1254-2

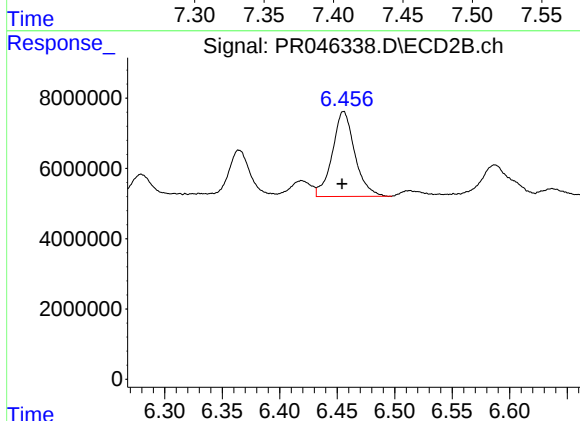
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 19688969
Conc: 28.64 ng/ml



#28 AR-1254-3

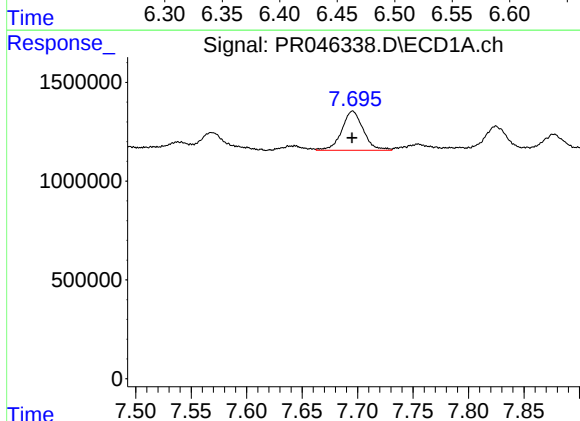
R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 3273054
Conc: 24.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



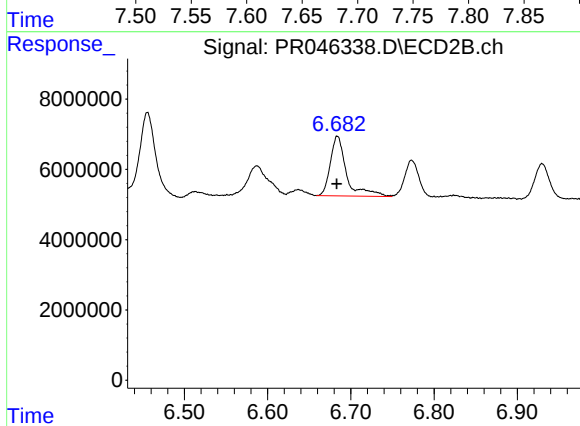
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: 0.001 min
Response: 32939254
Conc: 27.75 ng/ml



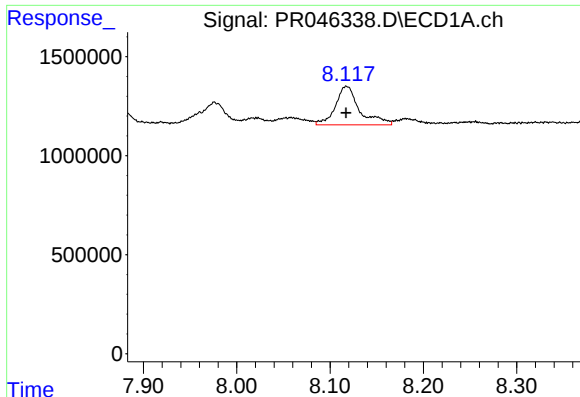
#29 AR-1254-4

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2675797
Conc: 26.06 ng/ml



#29 AR-1254-4

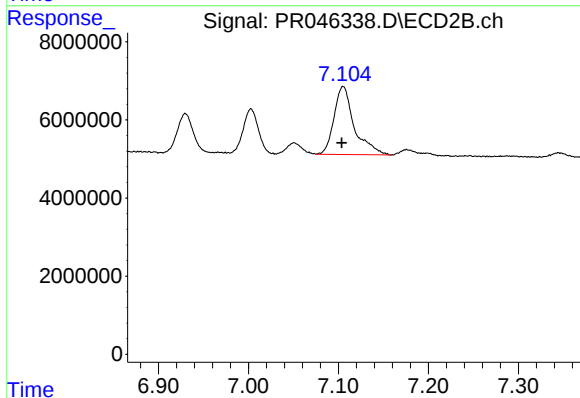
R.T.: 6.684 min
Delta R.T.: 0.001 min
Response: 23011791
Conc: 29.86 ng/ml



#30 AR-1254-5

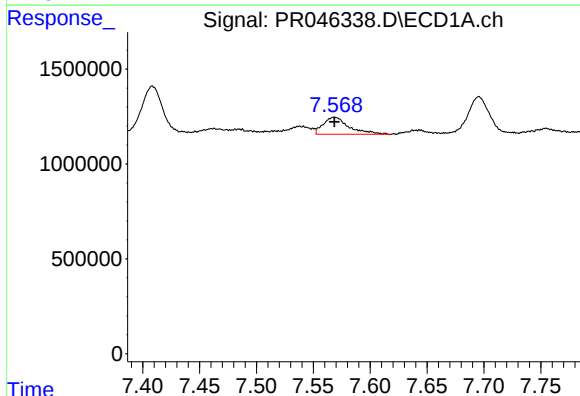
R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 3501310
Conc: 31.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



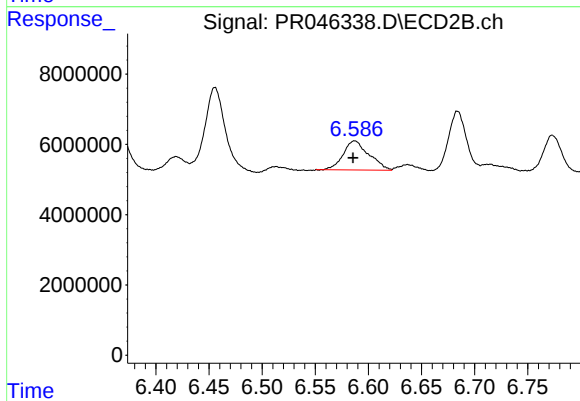
#30 AR-1254-5

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 27231333
Conc: 25.92 ng/ml



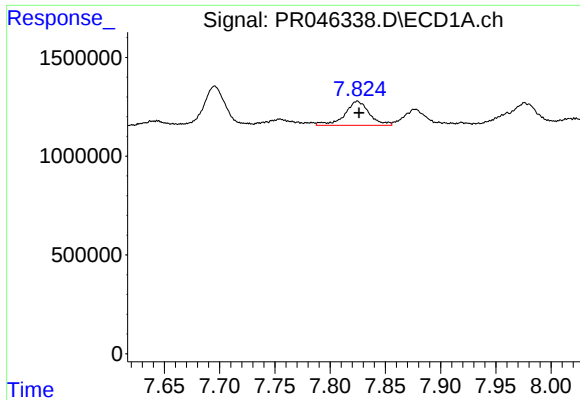
#31 AR-1260-1

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 1411292
Conc: 15.17 ng/ml



#31 AR-1260-1

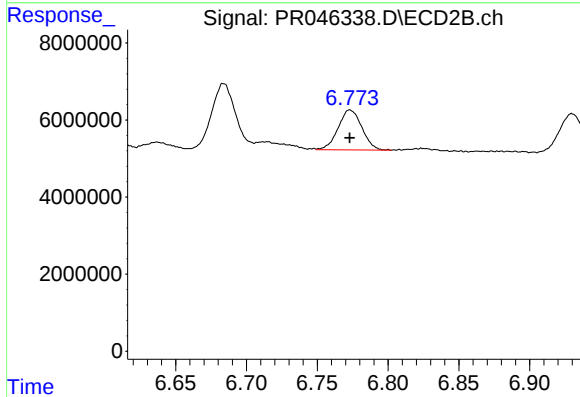
R.T.: 6.587 min
Delta R.T.: 0.001 min
Response: 14063126
Conc: 19.49 ng/ml



#32 AR-1260-2

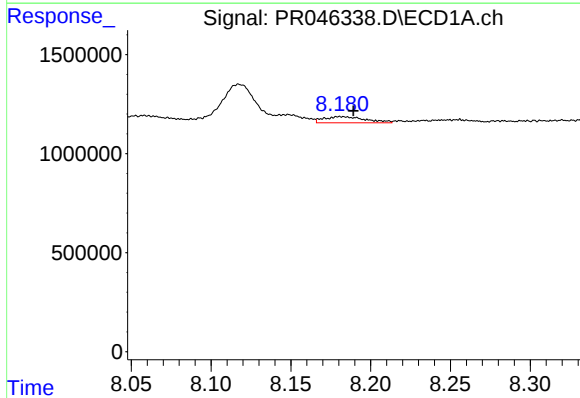
R.T.: 7.825 min
Delta R.T.: -0.001 min
Response: 1890564
Conc: 16.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



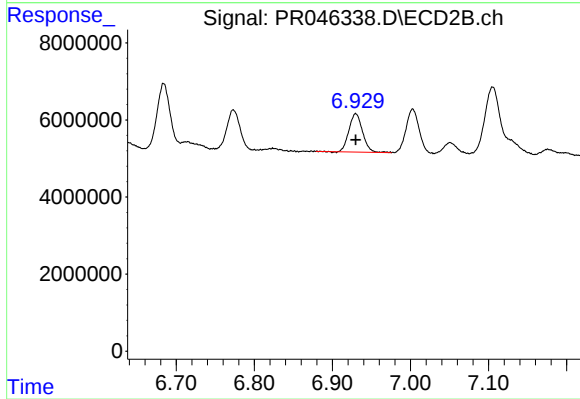
#32 AR-1260-2

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 12134583
Conc: 13.72 ng/ml



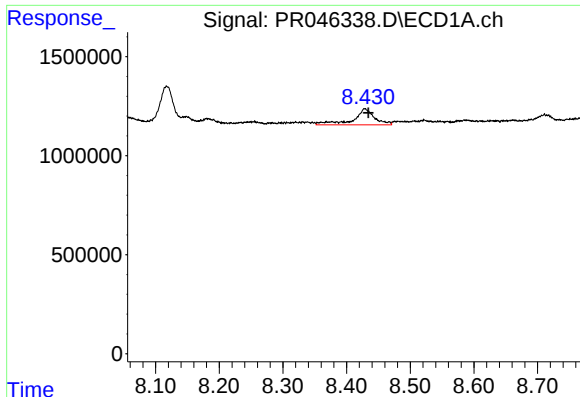
#33 AR-1260-3

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 565906
Conc: 6.30 ng/ml



#33 AR-1260-3

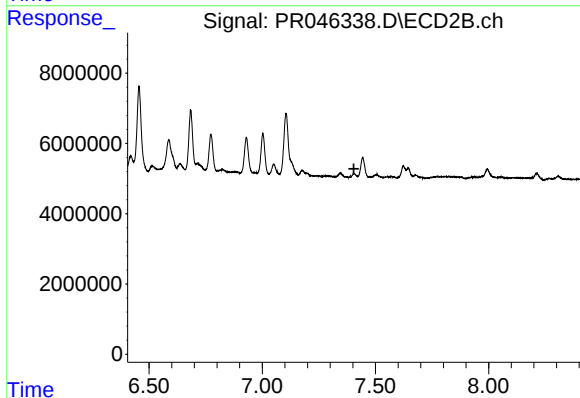
R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 12068145
Conc: 14.66 ng/ml



#34 AR-1260-4

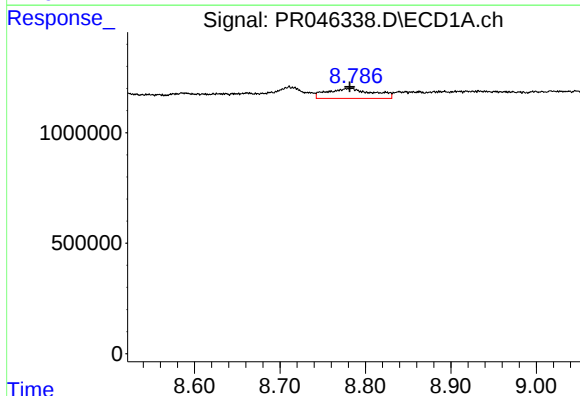
R.T.: 8.429 min
Delta R.T.: -0.005 min
Response: 1907926
Conc: 18.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



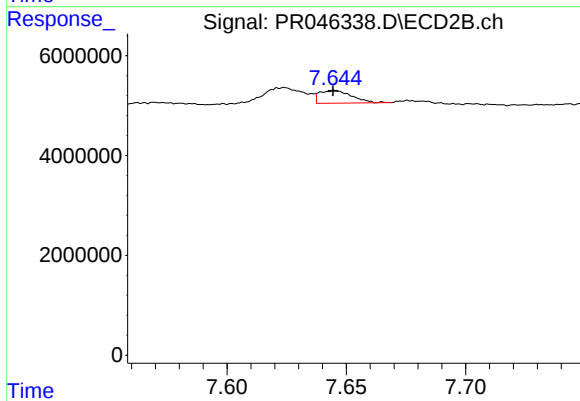
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.405 min
Response: 0
Conc: N.D.



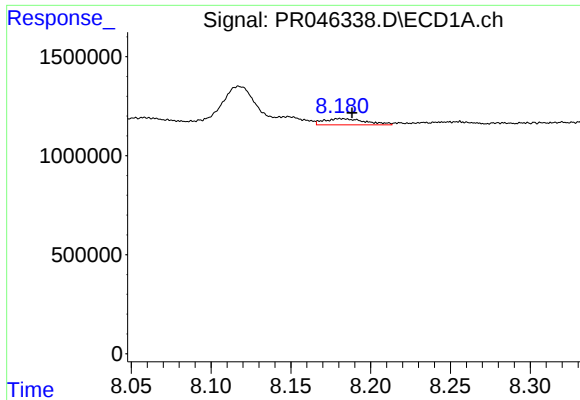
#35 AR-1260-5

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 1692214
Conc: 7.85 ng/ml



#35 AR-1260-5

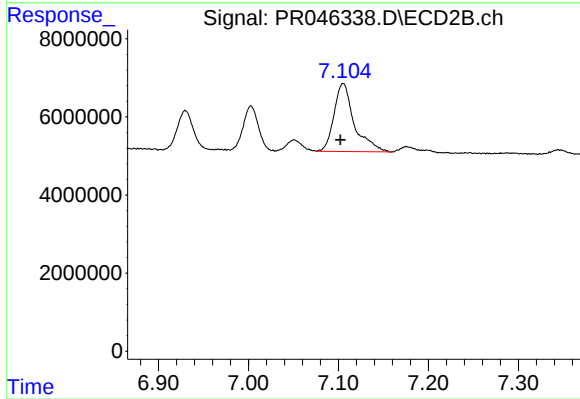
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 2394845
Conc: 1.29 ng/ml



#36 AR-1262-1

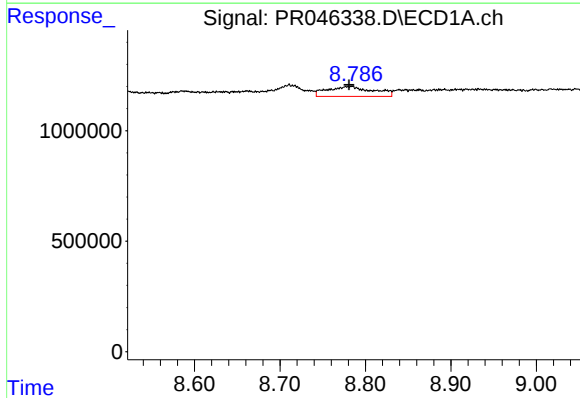
R.T.: 8.181 min
Delta R.T.: -0.007 min
Response: 565906
Conc: 4.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



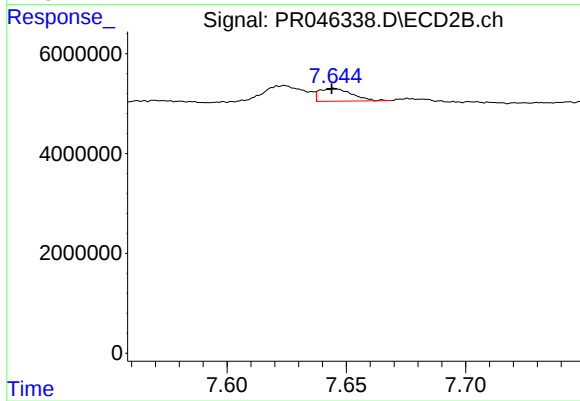
#36 AR-1262-1

R.T.: 7.105 min
Delta R.T.: 0.003 min
Response: 27231333
Conc: 55.60 ng/ml



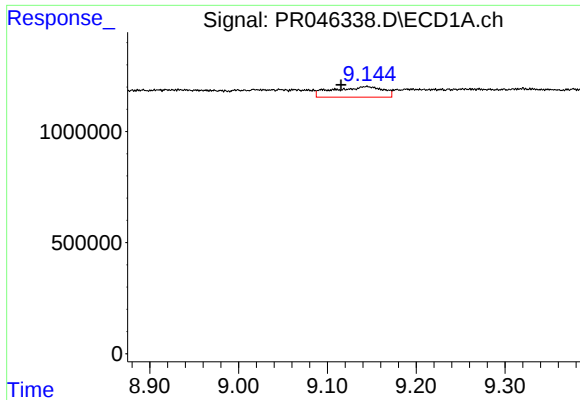
#37 AR-1262-2

R.T.: 8.782 min
Delta R.T.: 0.001 min
Response: 1692214
Conc: 7.47 ng/ml



#37 AR-1262-2

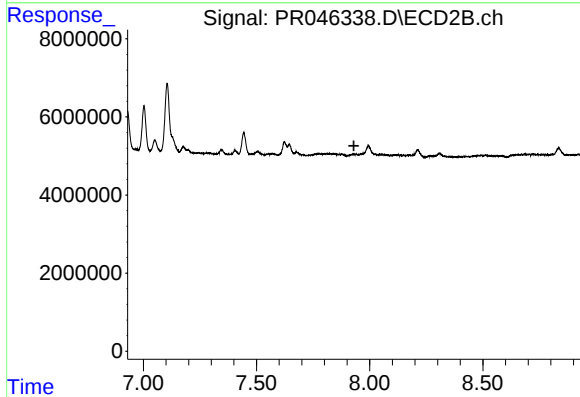
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 2394845
Conc: 1.23 ng/ml



#38 AR-1262-3

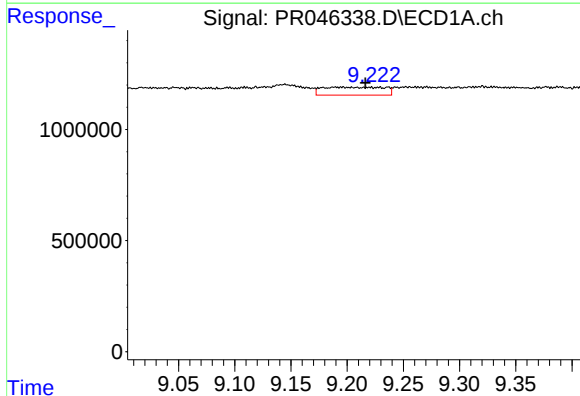
R.T.: 9.144 min
Delta R.T.: 0.029 min
Response: 1854354
Conc: 18.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



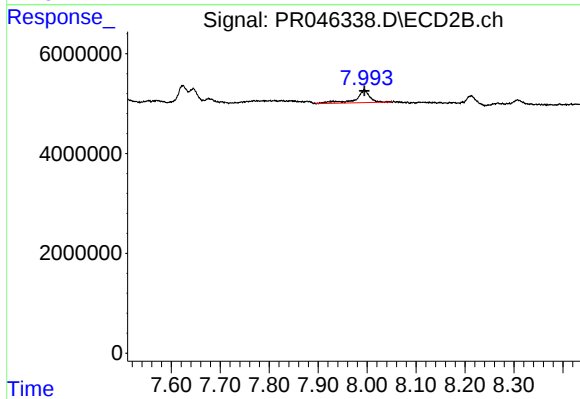
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.930 min
Response: 0
Conc: N.D.



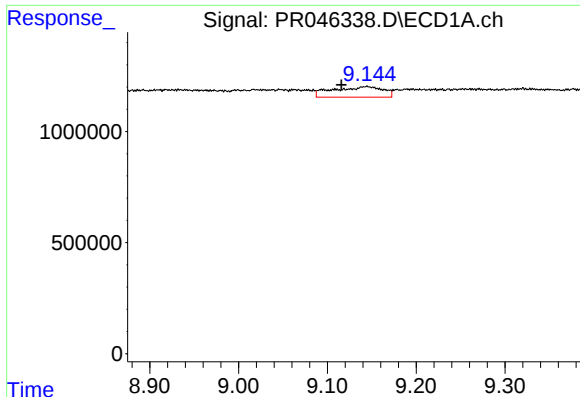
#39 AR-1262-4

R.T.: 9.191 min
Delta R.T.: -0.025 min
Response: 1366501
Conc: 11.98 ng/ml



#39 AR-1262-4

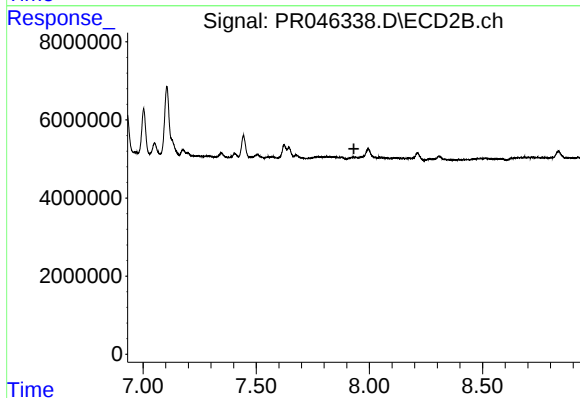
R.T.: 7.994 min
Delta R.T.: 0.000 min
Response: 4980272
Conc: 3.51 ng/ml



#41 AR-1268-1

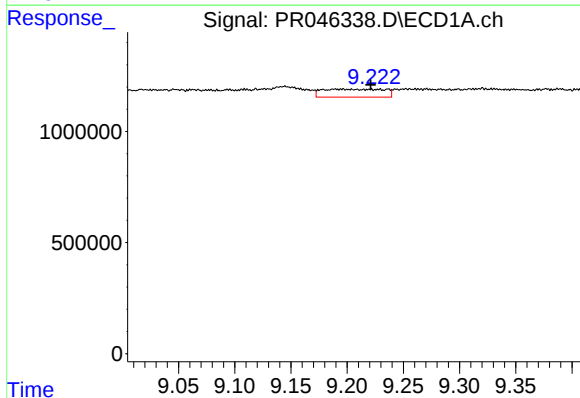
R.T.: 9.144 min
Delta R.T.: 0.028 min
Response: 1854354
Conc: 6.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



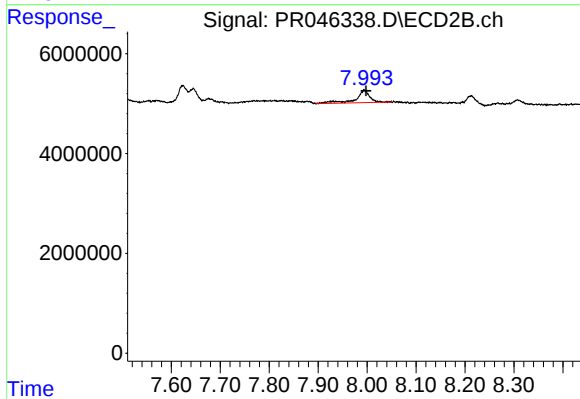
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.932 min
Response: 0
Conc: N.D.



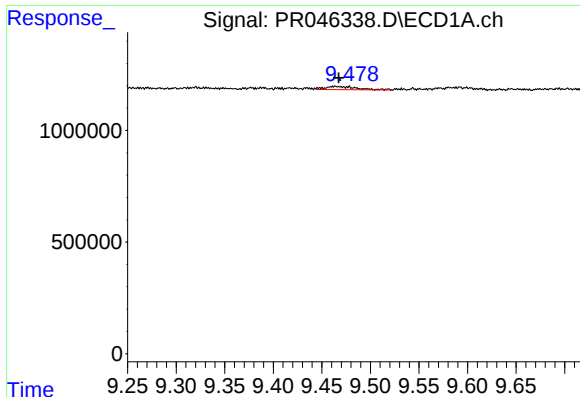
#42 AR-1268-2

R.T.: 9.191 min
Delta R.T.: -0.030 min
Response: 1366501
Conc: 5.18 ng/ml



#42 AR-1268-2

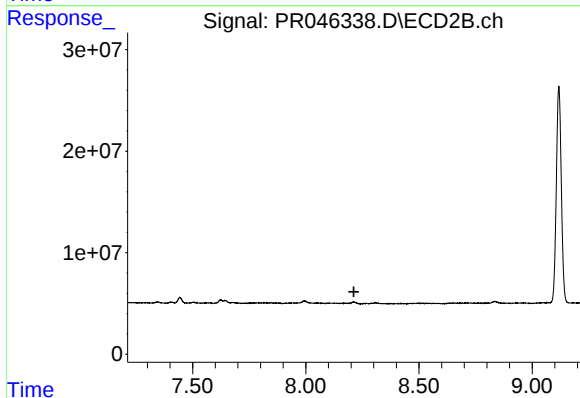
R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 4980272
Conc: 2.21 ng/ml



#43 AR-1268-3

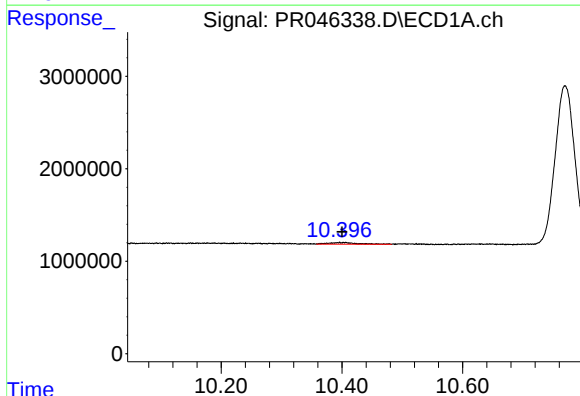
R.T.: 9.464 min
Delta R.T.: -0.004 min
Response: 313022
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



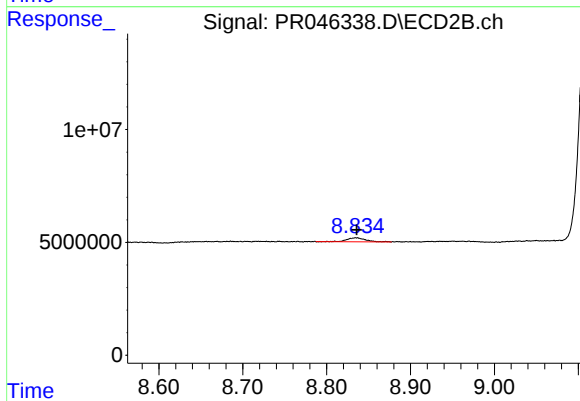
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.212 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.397 min
Delta R.T.: -0.004 min
Response: 567682
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 8.835 min
Delta R.T.: -0.001 min
Response: 2840661
Conc: 0.51 ng/ml