

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 14:03
 Operator : SM\AJ
 Sample : K5639-22RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DUP-1RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 15:30:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 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...	4.711	3.973	89385618	336.4E6	15.164	16.777
2)	SA Decachlor...	10.622	9.069	38882501	101.7E6	9.716	8.093
Target Compounds							
3)	L1 AR-1016-1	5.883	0.000	3111370	0	17.343	N.D. #
4)	L1 AR-1016-2	5.883	0.000	3111370	0	12.486	N.D. #
6)	L1 AR-1016-4	6.050	0.000	2472187	0	19.699	N.D. #
7)	L1 AR-1016-5	6.338	5.541	12549639	44484164	101.339	144.987 #
8)	L2 AR-1221-1	0.000	4.135	0	12510890	N.D.	69.155 #
9)	L2 AR-1221-2	5.023	4.278	954402	5581275	25.656	42.203 #
10)	L2 AR-1221-3	5.023	4.397	954402	11662502	8.262	28.198 #
11)	L3 AR-1232-1	5.023	4.397	954402	11662502	5.973	20.205 #
13)	L3 AR-1232-3	5.883	0.000	3111370	0	18.067	N.D. #
14)	L3 AR-1232-4	6.050	0.000	2472187	0	28.909	N.D. #
15)	L3 AR-1232-5	0.000	5.541	0	44484164	N.D.	219.101 #
16)	L4 AR-1242-1	5.883	0.000	3111370	0	24.405	N.D. #
17)	L4 AR-1242-2	5.883	0.000	3111370	0	17.345	N.D. #
19)	L4 AR-1242-4	6.050	0.000	2472187	0	27.431	N.D. #
20)	L4 AR-1242-5	6.789	5.853	10257740	22777039	102.614	77.228
21)	L5 AR-1248-1	5.883	0.000	3111370	0	32.795	N.D. #
23)	L5 AR-1248-3	6.338	0.000	12549639	0	84.742	N.D. #
24)	L5 AR-1248-4	6.789	5.541	10257740	44484164	60.072	123.978 #
25)	L5 AR-1248-5	6.789	5.897	10257740	158.3E6	63.253	408.435 #
26)	L6 AR-1254-1	6.747	5.853	74503077	22777039	399.125	36.144 #
28)	L6 AR-1254-3	7.348	6.428	23597876	11665033	74.930	11.337 #
29)	L6 AR-1254-4	7.616	6.655	26533387	11804643	113.210	15.480 #
30)	L6 AR-1254-5	8.037	7.073	30081069	46145113	119.645	50.059 #
31)	L7 AR-1260-1	7.495	6.560	10337189	2924488	49.721	4.825 #
32)	L7 AR-1260-2	7.751	6.742	30484540	73960010	124.690	85.534 #
33)	L7 AR-1260-3	8.110	6.900	12110084	26300842	66.993	37.034 #
34)	L7 AR-1260-4	8.345	7.372	19567976	11761364	93.765	20.145 #
35)	L7 AR-1260-5	8.687	7.612	17560272	49670877	42.355	30.788 #
36)	L8 AR-1262-1	8.110	7.166	12110084	8235193	41.039	18.955 #
37)	L8 AR-1262-2	8.687	7.612	17560272	49670877	31.531	23.767
38)	L8 AR-1262-3	9.037	7.928	12793305	194.3E6	35.800	231.679 #
39)	L8 AR-1262-4	9.154	7.957	29548490	136.3E6	218.074	96.617 #
40)	L8 AR-1262-5	9.815	8.476	4489733	10529694	24.513	16.180 #
41)	L9 AR-1268-1	9.037	7.928	12793305	194.3E6	20.160	80.018 #
42)	L9 AR-1268-2	9.154	7.957	29548490	136.3E6	51.329	63.440
44)	L9 AR-1268-4	9.815	8.476	4489733	10529694	21.879	14.525 #
45)	L9 AR-1268-5	10.258	8.792	3394529	11276869	2.169	2.189

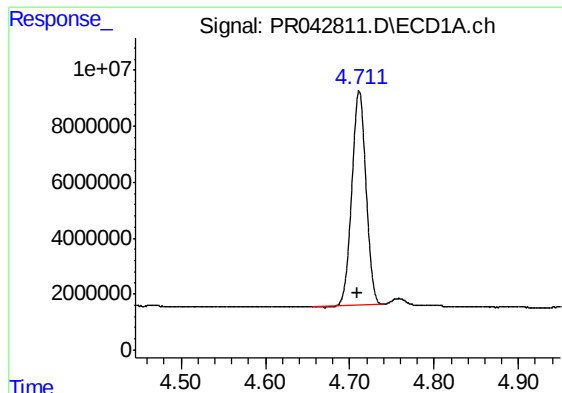
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :

ECD_R

ClientSampleId :

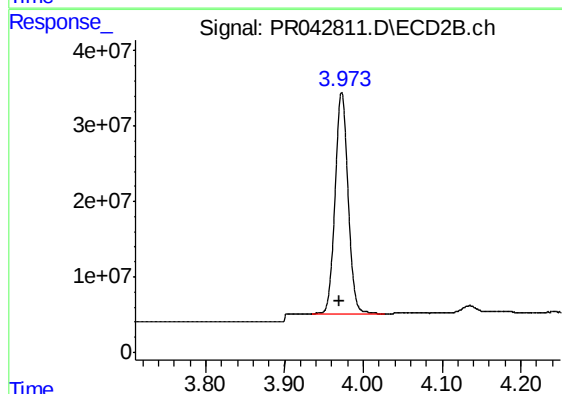
DUP-1RE



#1 Tetrachloro-m-xylene

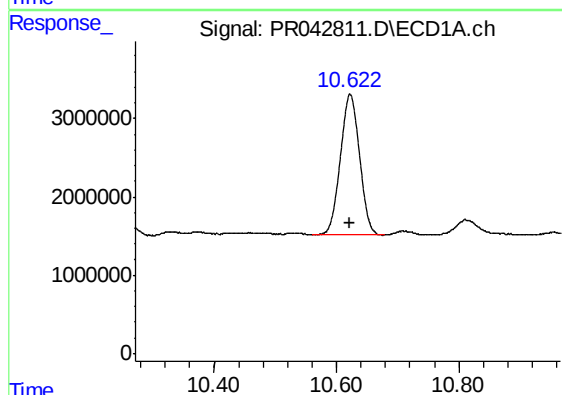
R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 89385618
Conc: 15.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



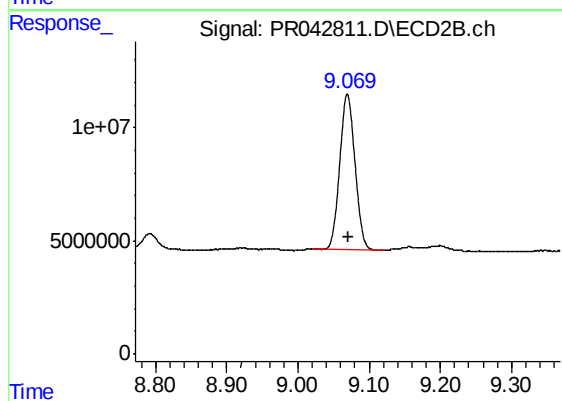
#1 Tetrachloro-m-xylene

R.T.: 3.973 min
Delta R.T.: 0.003 min
Response: 336397457
Conc: 16.78 ng/ml



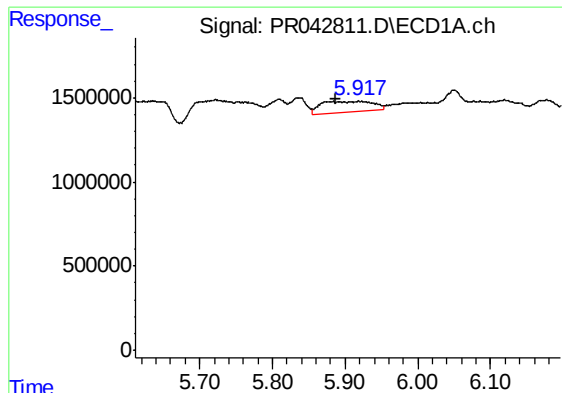
#2 Decachlorobiphenyl

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 38882501
Conc: 9.72 ng/ml



#2 Decachlorobiphenyl

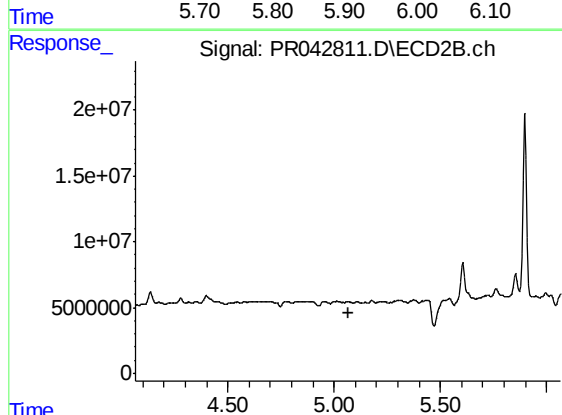
R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 101697611
Conc: 8.09 ng/ml



#3 AR-1016-1

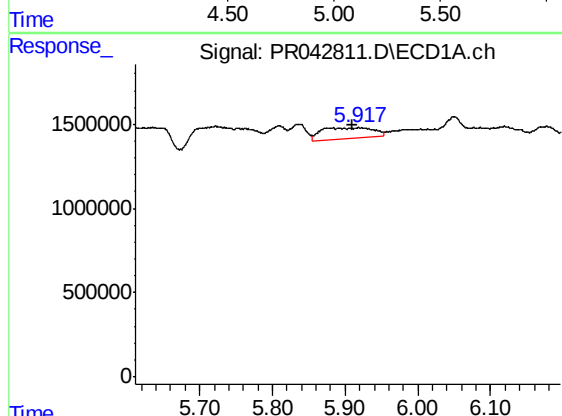
R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 3111370
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



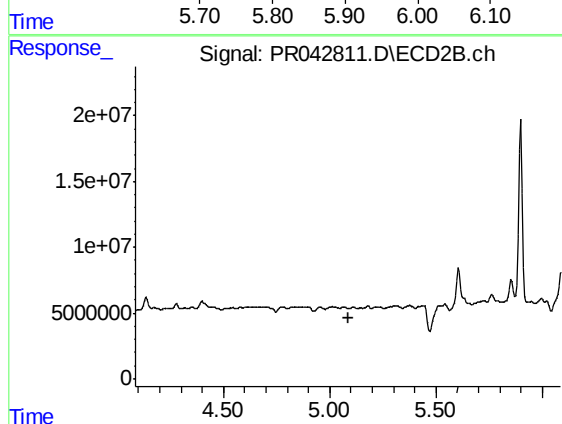
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



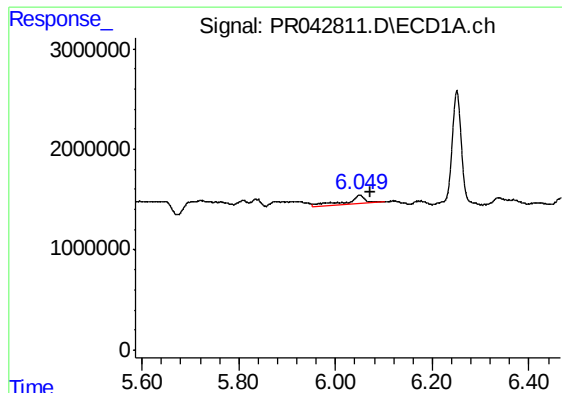
#4 AR-1016-2

R.T.: 5.883 min
Delta R.T.: -0.026 min
Response: 3111370
Conc: 12.49 ng/ml



#4 AR-1016-2

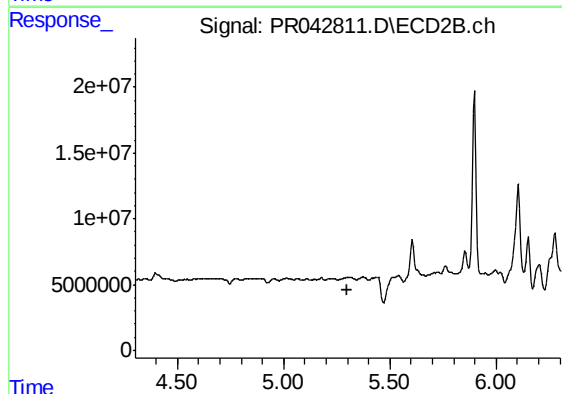
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#6 AR-1016-4

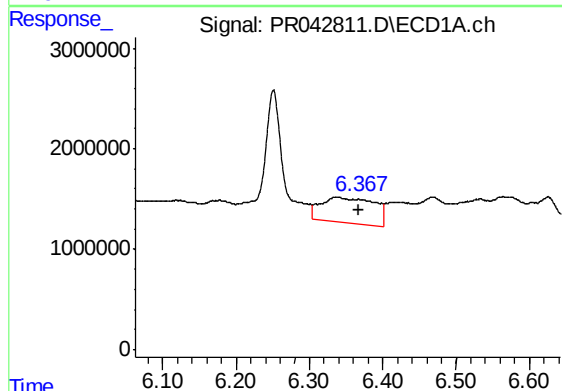
R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 2472187
Conc: 19.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



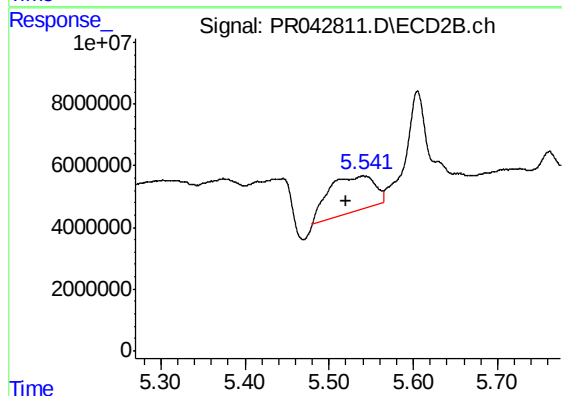
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.303 min
Response: 0
Conc: N.D.



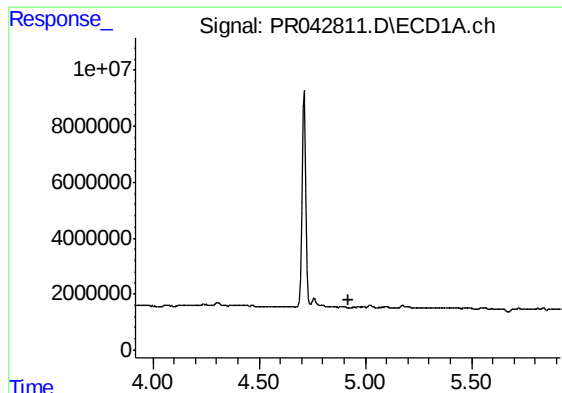
#7 AR-1016-5

R.T.: 6.338 min
Delta R.T.: -0.029 min
Response: 12549639
Conc: 101.34 ng/ml



#7 AR-1016-5

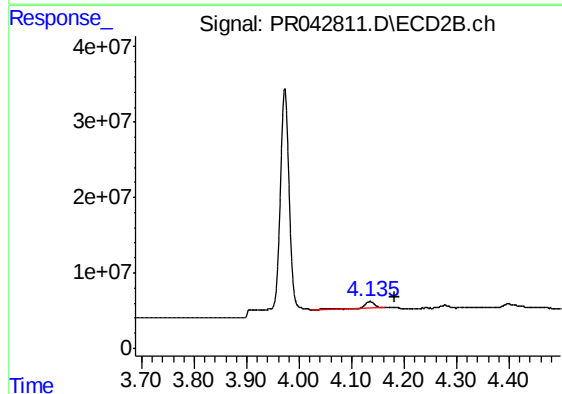
R.T.: 5.541 min
Delta R.T.: 0.021 min
Response: 44484164
Conc: 144.99 ng/ml



#8 AR-1221-1

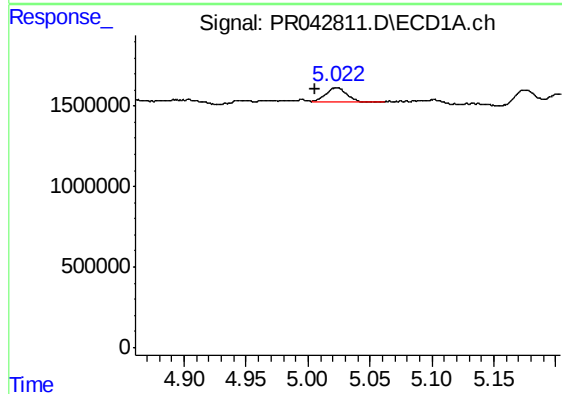
R.T.: 0.000 min
Exp R.T.: 4.918 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



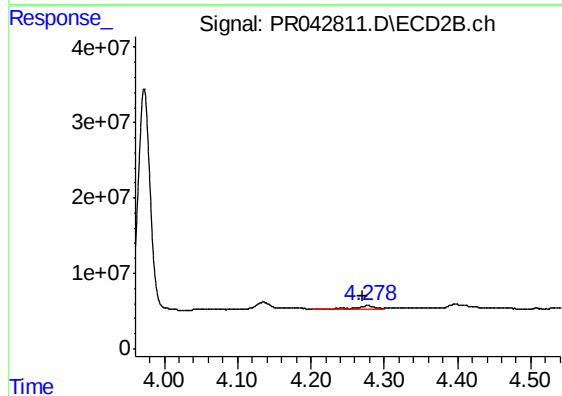
#8 AR-1221-1

R.T.: 4.135 min
Delta R.T.: -0.048 min
Response: 12510890
Conc: 69.16 ng/ml



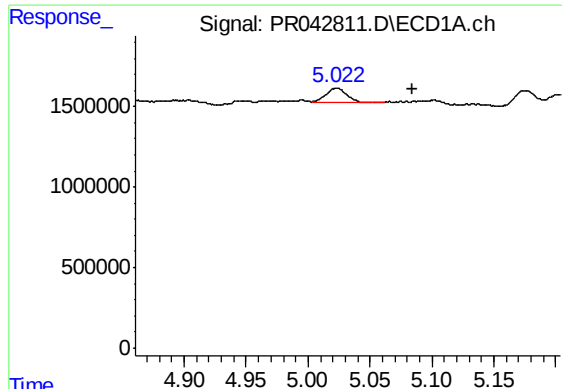
#9 AR-1221-2

R.T.: 5.023 min
Delta R.T.: 0.017 min
Response: 954402
Conc: 25.66 ng/ml



#9 AR-1221-2

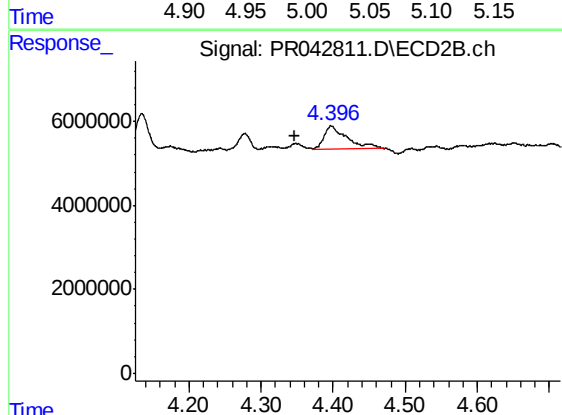
R.T.: 4.278 min
Delta R.T.: 0.007 min
Response: 5581275
Conc: 42.20 ng/ml



#10 AR-1221-3

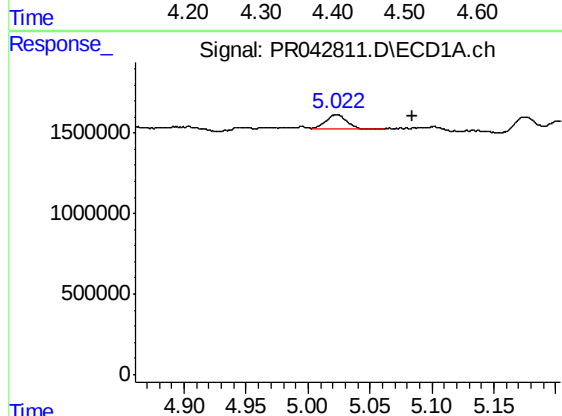
R.T.: 5.023 min
Delta R.T.: -0.061 min
Response: 954402
Conc: 8.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



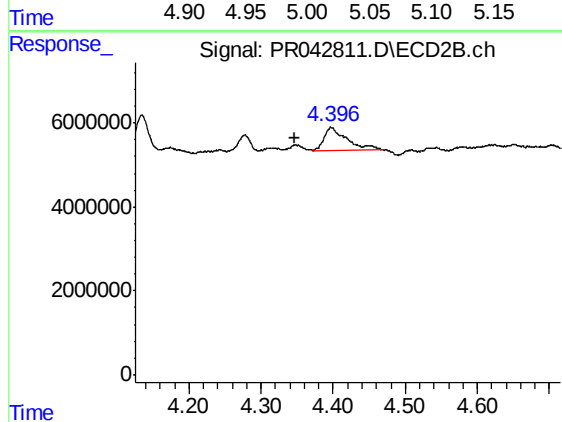
#10 AR-1221-3

R.T.: 4.397 min
Delta R.T.: 0.050 min
Response: 11662502
Conc: 28.20 ng/ml



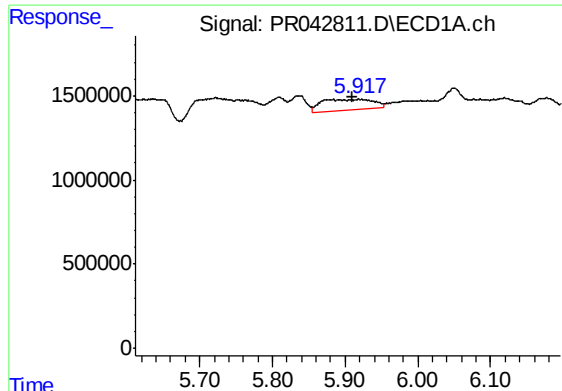
#11 AR-1232-1

R.T.: 5.023 min
Delta R.T.: -0.062 min
Response: 954402
Conc: 5.97 ng/ml



#11 AR-1232-1

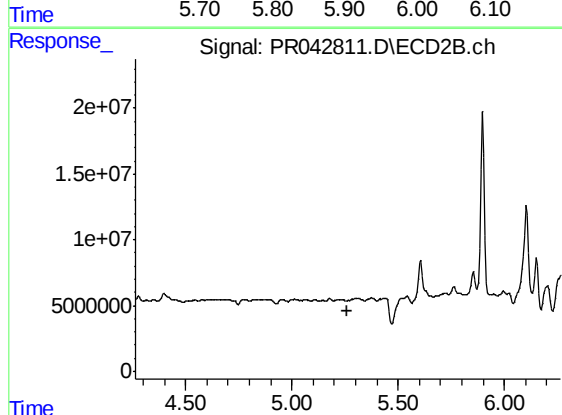
R.T.: 4.397 min
Delta R.T.: 0.050 min
Response: 11662502
Conc: 20.21 ng/ml



#13 AR-1232-3

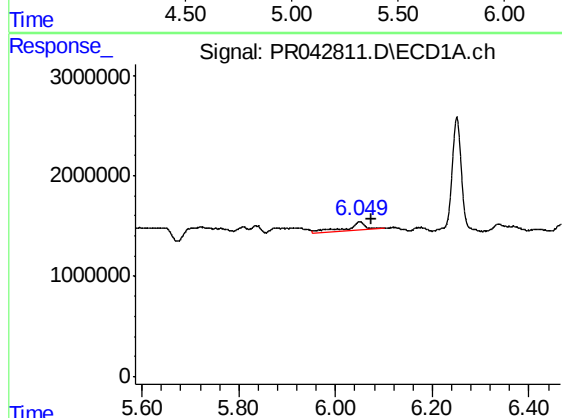
R.T.: 5.883 min
Delta R.T.: -0.027 min
Response: 3111370
Conc: 18.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



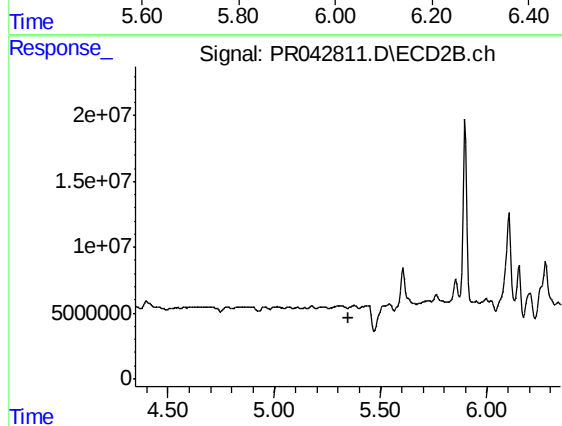
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



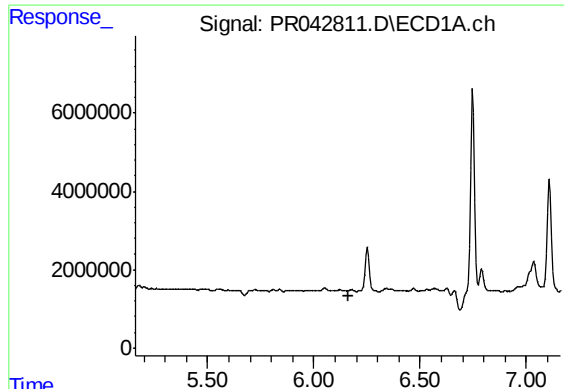
#14 AR-1232-4

R.T.: 6.050 min
Delta R.T.: -0.024 min
Response: 2472187
Conc: 28.91 ng/ml



#14 AR-1232-4

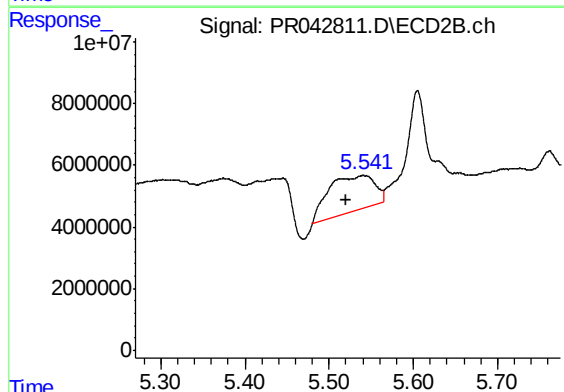
R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



#15 AR-1232-5

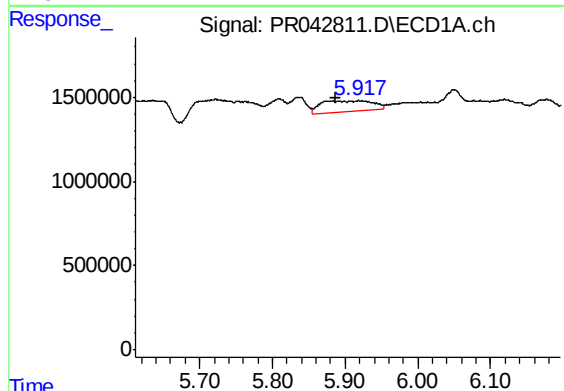
R.T.: 0.000 min
Exp R.T. : 6.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



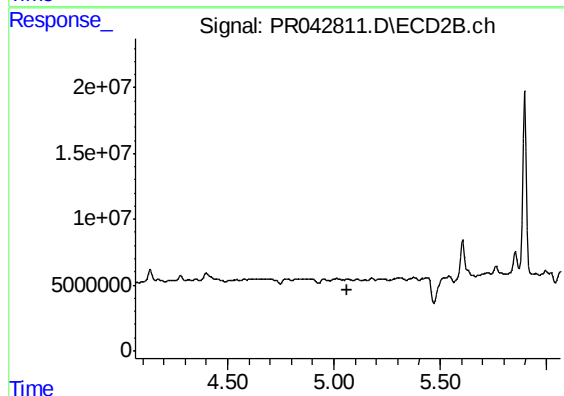
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.021 min
Response: 44484164
Conc: 219.10 ng/ml



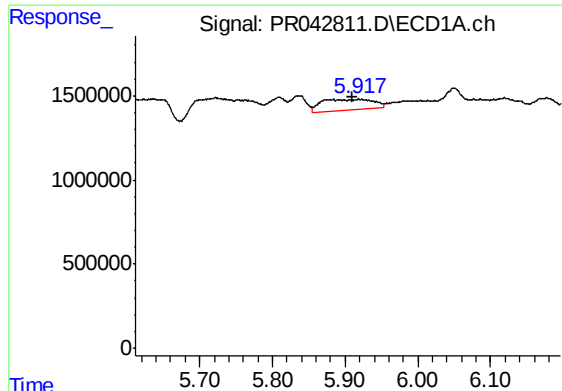
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 3111370
Conc: 24.41 ng/ml



#16 AR-1242-1

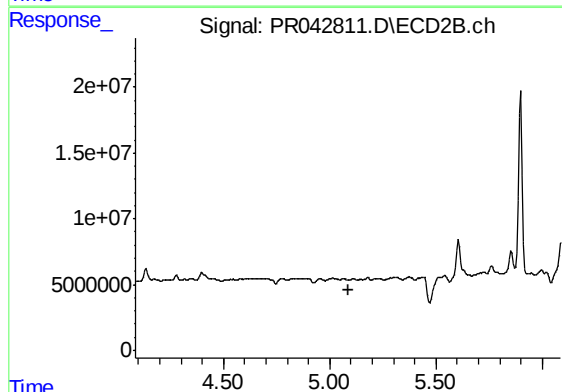
R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



#17 AR-1242-2

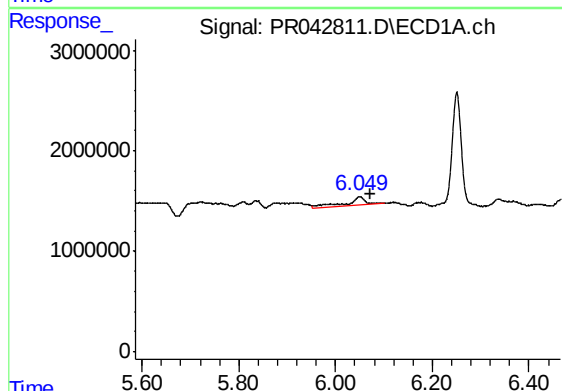
R.T.: 5.883 min
Delta R.T.: -0.027 min
Response: 3111370
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



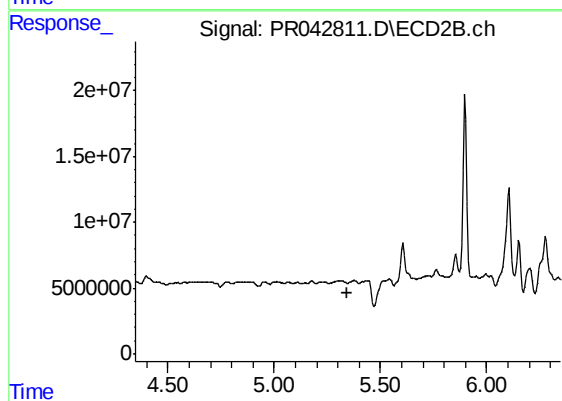
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



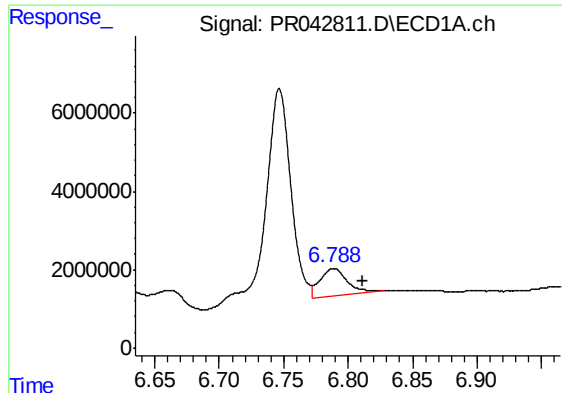
#19 AR-1242-4

R.T.: 6.050 min
Delta R.T.: -0.023 min
Response: 2472187
Conc: 27.43 ng/ml



#19 AR-1242-4

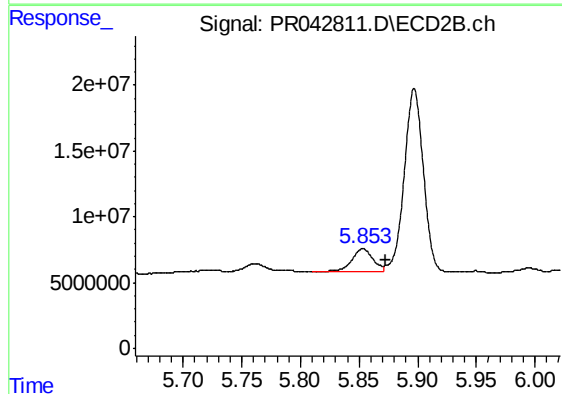
R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



#20 AR-1242-5

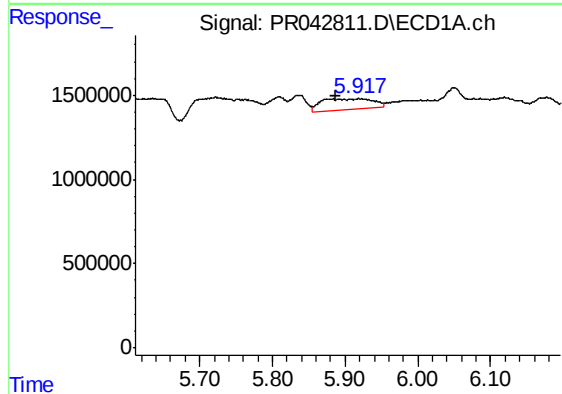
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 10257740
Conc: 102.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



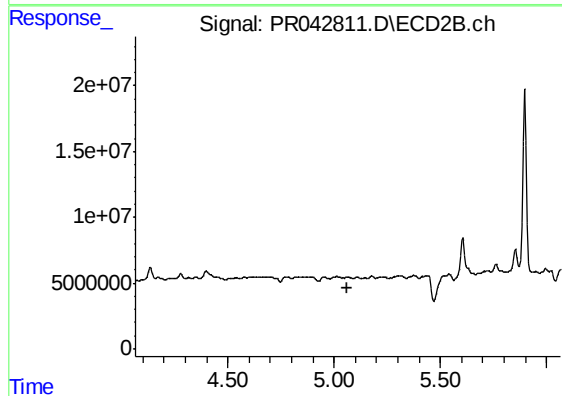
#20 AR-1242-5

R.T.: 5.853 min
Delta R.T.: -0.019 min
Response: 22777039
Conc: 77.23 ng/ml



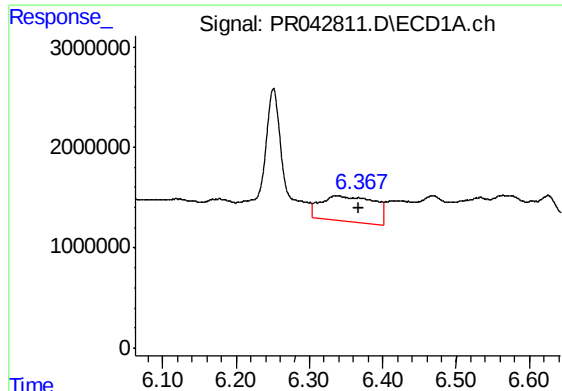
#21 AR-1248-1

R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 3111370
Conc: 32.79 ng/ml



#21 AR-1248-1

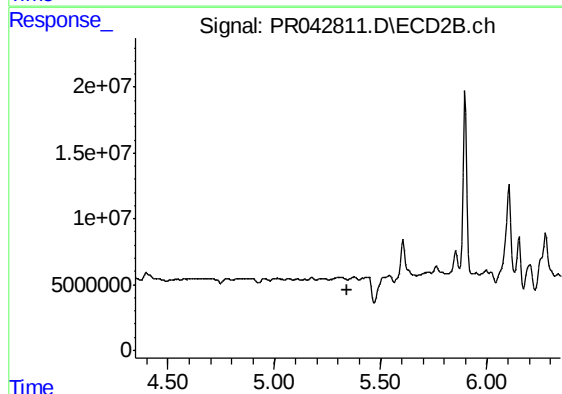
R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



#23 AR-1248-3

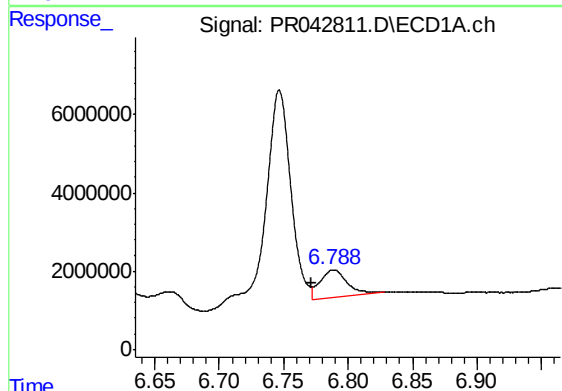
R.T.: 6.338 min
Delta R.T.: -0.029 min
Response: 12549639
Conc: 84.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



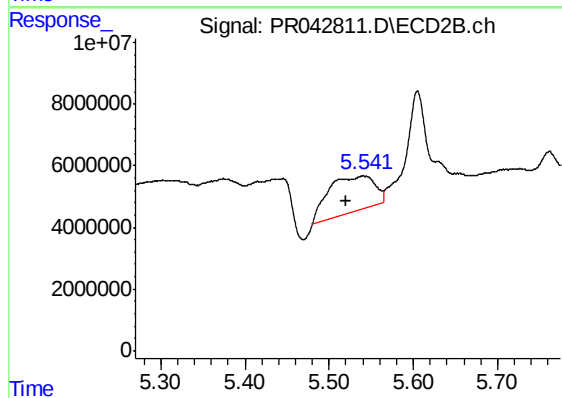
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



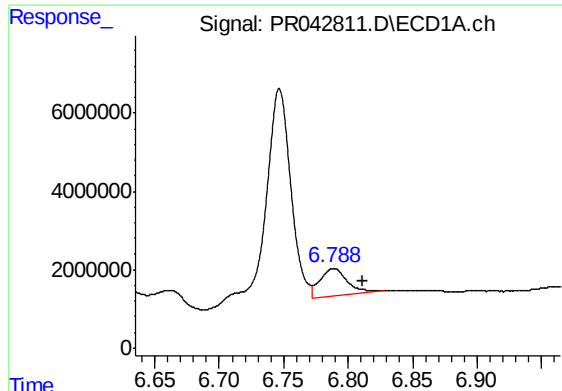
#24 AR-1248-4

R.T.: 6.789 min
Delta R.T.: 0.017 min
Response: 10257740
Conc: 60.07 ng/ml



#24 AR-1248-4

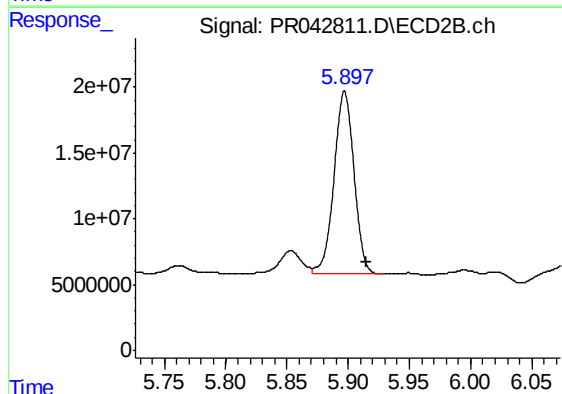
R.T.: 5.541 min
Delta R.T.: 0.021 min
Response: 44484164
Conc: 123.98 ng/ml



#25 AR-1248-5

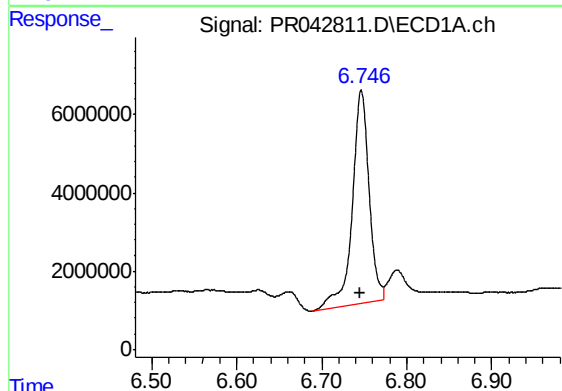
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 10257740
Conc: 63.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



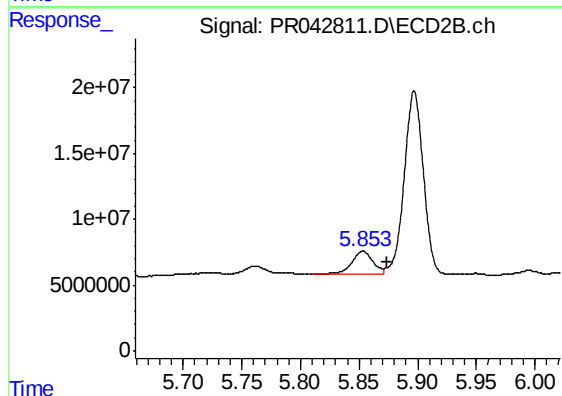
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: -0.018 min
Response: 158327255
Conc: 408.43 ng/ml



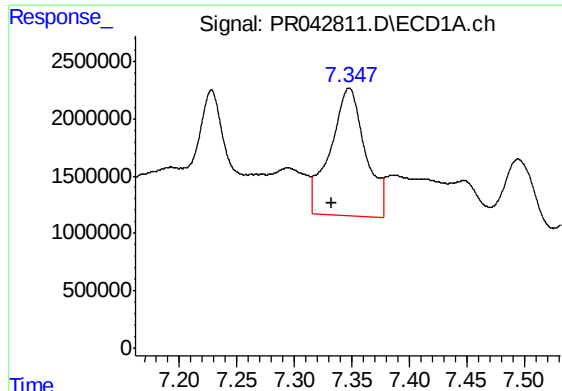
#26 AR-1254-1

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 74503077
Conc: 399.13 ng/ml



#26 AR-1254-1

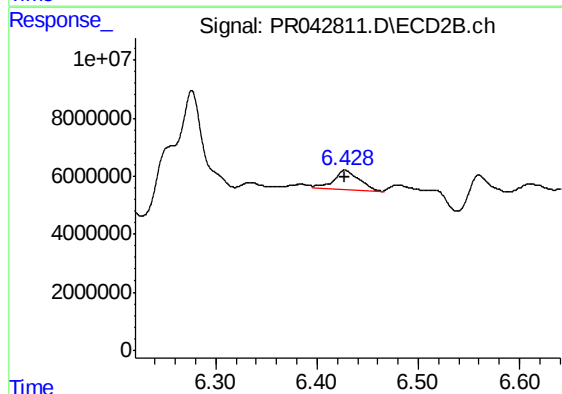
R.T.: 5.853 min
Delta R.T.: -0.021 min
Response: 22777039
Conc: 36.14 ng/ml



#28 AR-1254-3

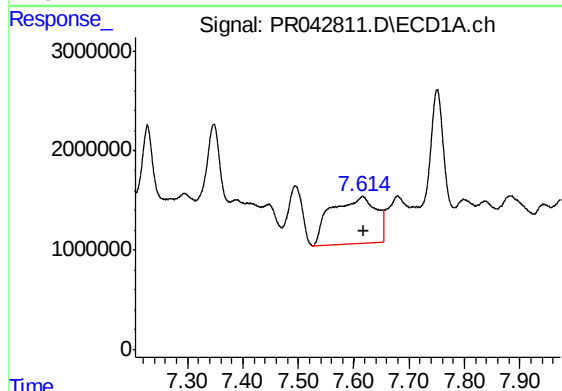
R.T.: 7.348 min
Delta R.T.: 0.015 min
Response: 23597876
Conc: 74.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



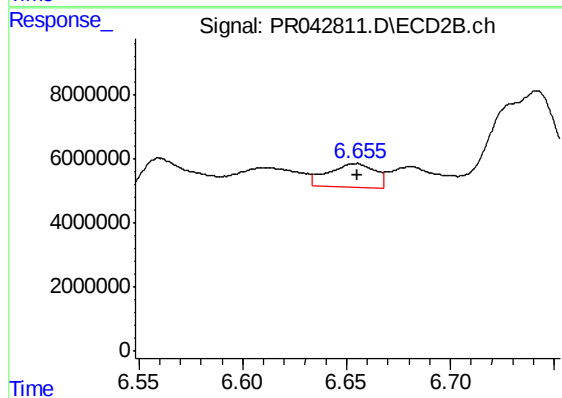
#28 AR-1254-3

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 11665033
Conc: 11.34 ng/ml



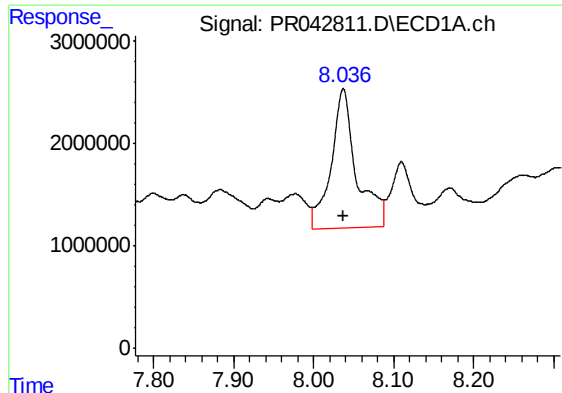
#29 AR-1254-4

R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 26533387
Conc: 113.21 ng/ml



#29 AR-1254-4

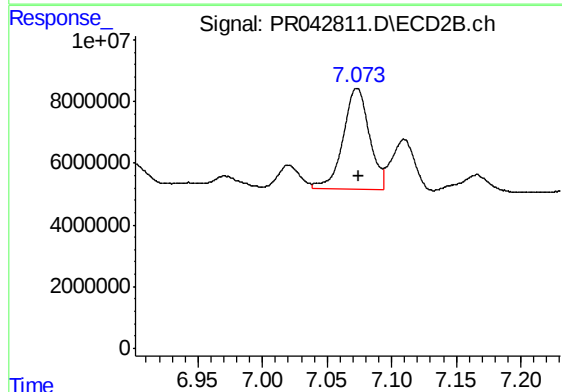
R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 11804643
Conc: 15.48 ng/ml



#30 AR-1254-5

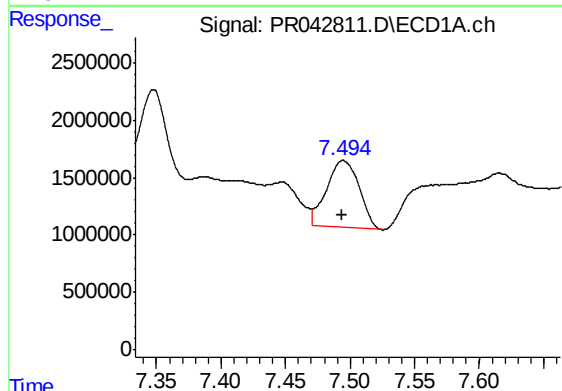
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 30081069
Conc: 119.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



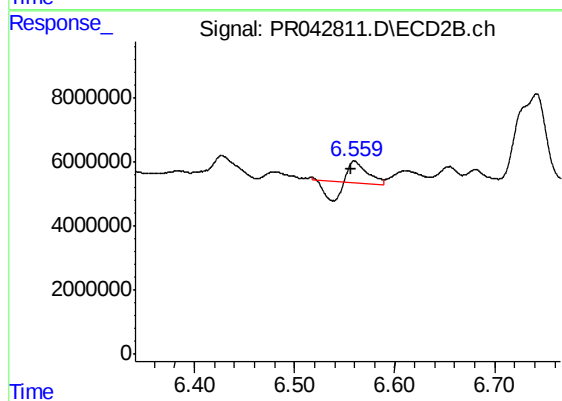
#30 AR-1254-5

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 46145113
Conc: 50.06 ng/ml



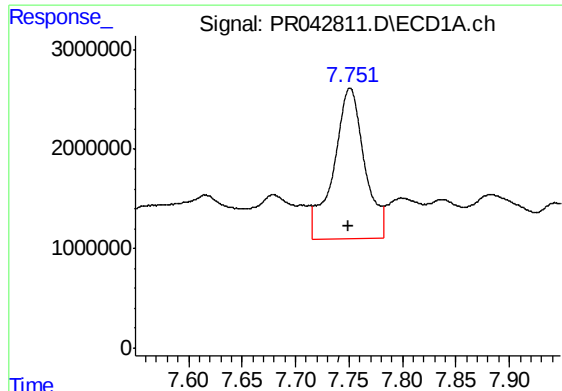
#31 AR-1260-1

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 10337189
Conc: 49.72 ng/ml



#31 AR-1260-1

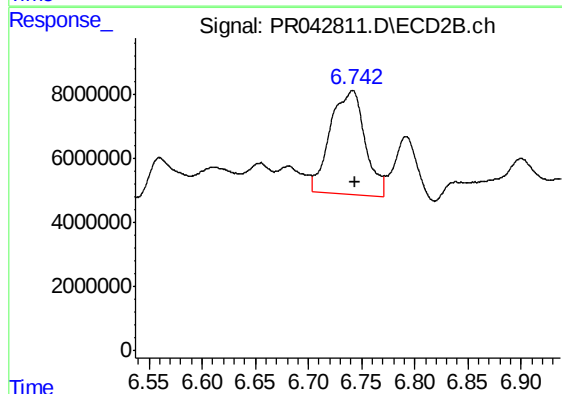
R.T.: 6.560 min
Delta R.T.: 0.004 min
Response: 2924488
Conc: 4.83 ng/ml



#32 AR-1260-2

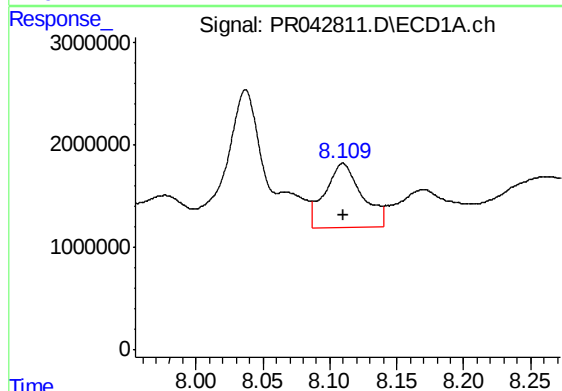
R.T.: 7.751 min
Delta R.T.: 0.002 min
Response: 30484540
Conc: 124.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



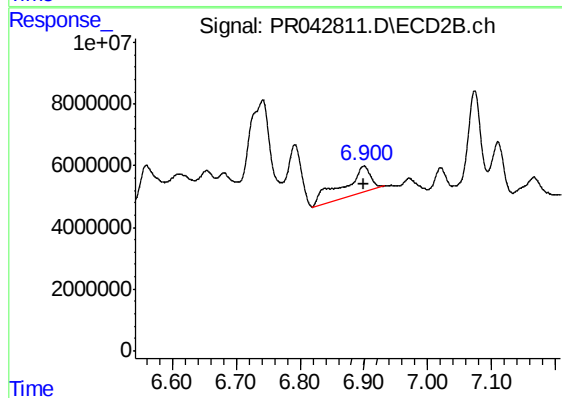
#32 AR-1260-2

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 73960010
Conc: 85.53 ng/ml



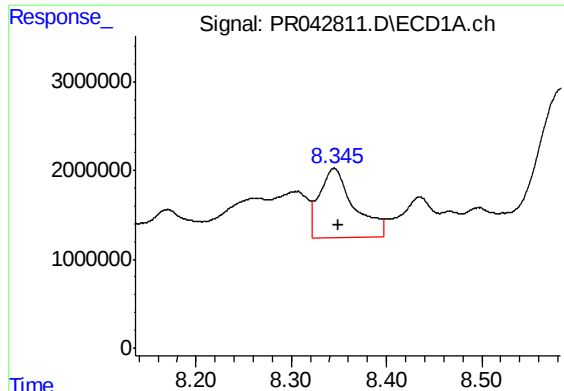
#33 AR-1260-3

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 12110084
Conc: 66.99 ng/ml



#33 AR-1260-3

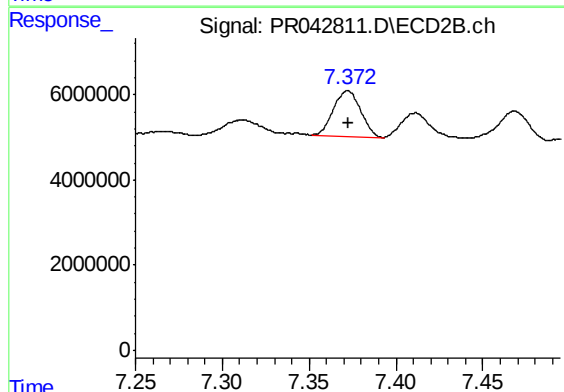
R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 26300842
Conc: 37.03 ng/ml



#34 AR-1260-4

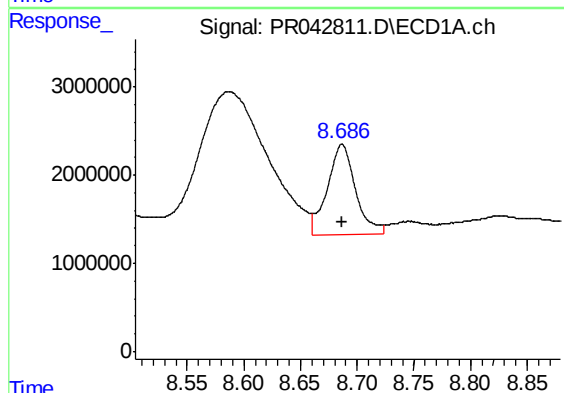
R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 19567976
Conc: 93.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



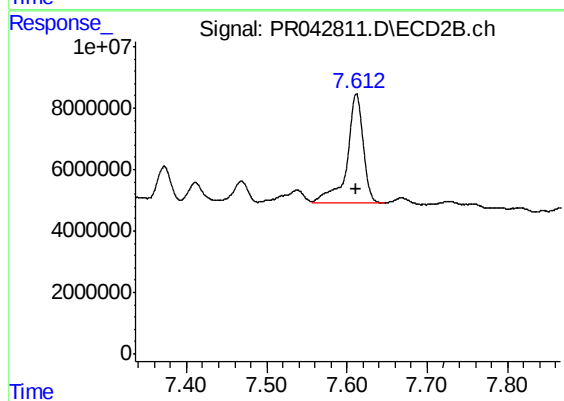
#34 AR-1260-4

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 11761364
Conc: 20.15 ng/ml



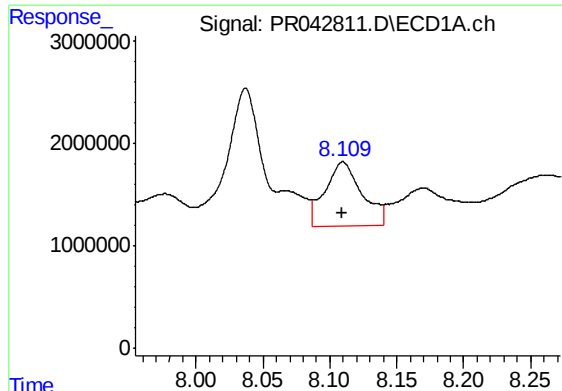
#35 AR-1260-5

R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 17560272
Conc: 42.35 ng/ml



#35 AR-1260-5

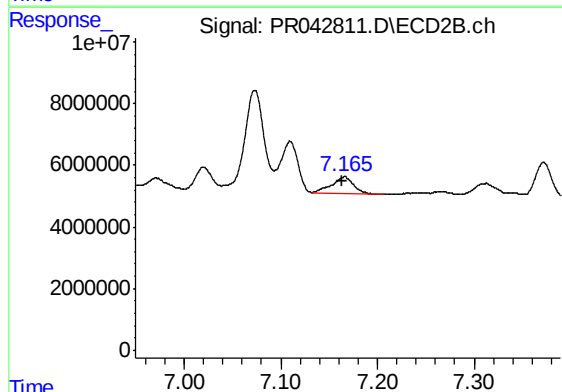
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 49670877
Conc: 30.79 ng/ml



#36 AR-1262-1

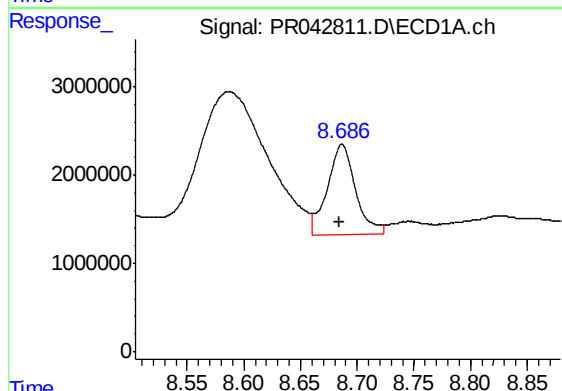
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 12110084
Conc: 41.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



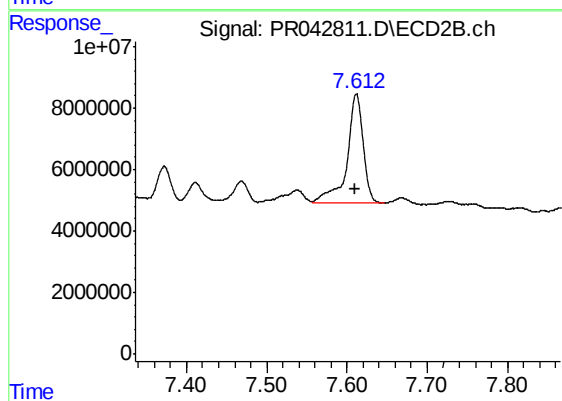
#36 AR-1262-1

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 8235193
Conc: 18.96 ng/ml



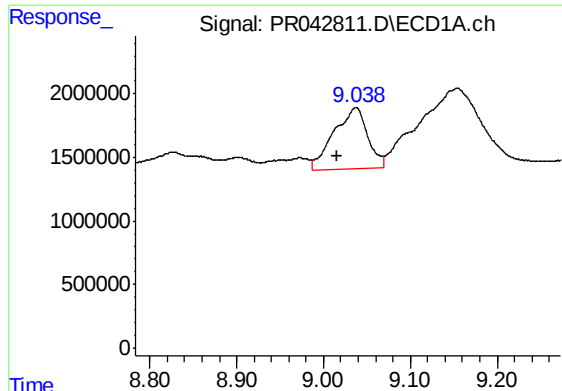
#37 AR-1262-2

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 17560272
Conc: 31.53 ng/ml



#37 AR-1262-2

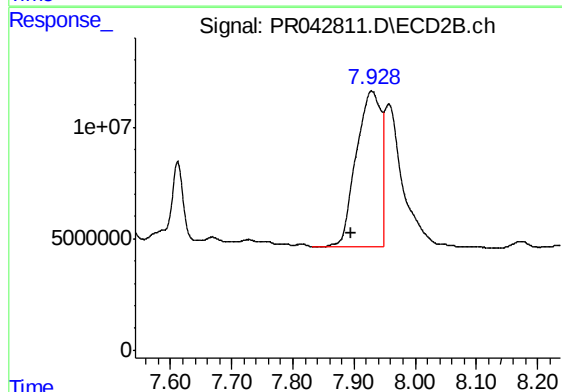
R.T.: 7.612 min
Delta R.T.: 0.001 min
Response: 49670877
Conc: 23.77 ng/ml



#38 AR-1262-3

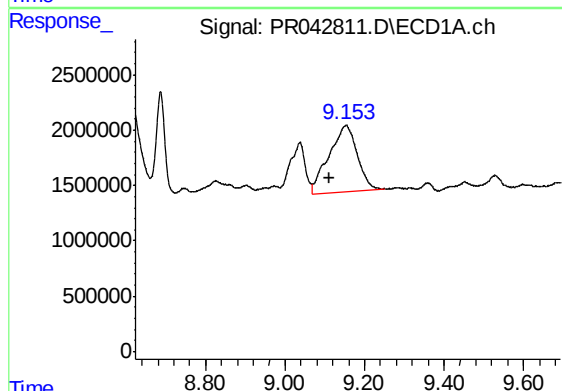
R.T.: 9.037 min
Delta R.T.: 0.022 min
Response: 12793305
Conc: 35.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



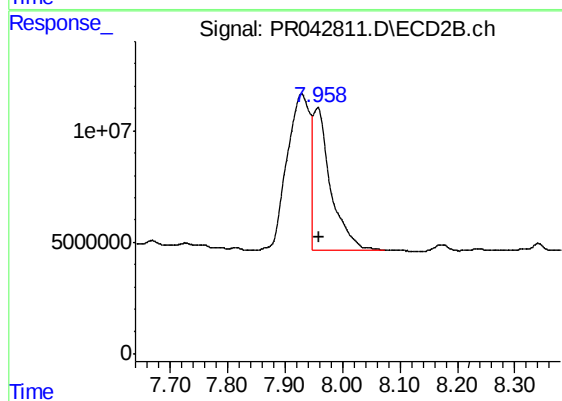
#38 AR-1262-3

R.T.: 7.928 min
Delta R.T.: 0.033 min
Response: 194304516
Conc: 231.68 ng/ml



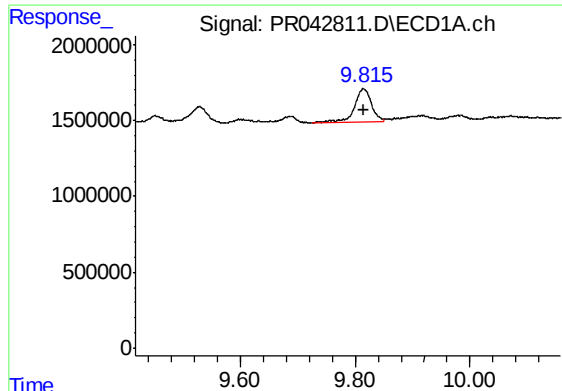
#39 AR-1262-4

R.T.: 9.154 min
Delta R.T.: 0.042 min
Response: 29548490
Conc: 218.07 ng/ml



#39 AR-1262-4

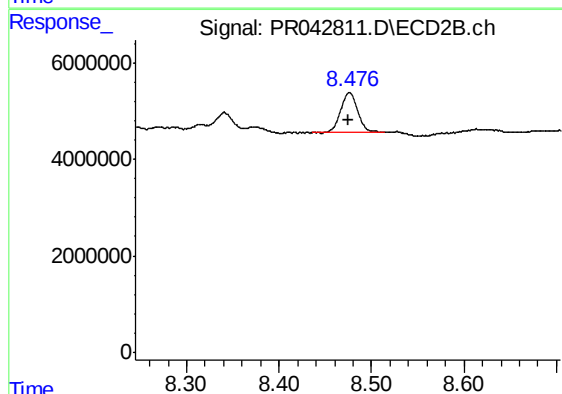
R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 136294409
Conc: 96.62 ng/ml



#40 AR-1262-5

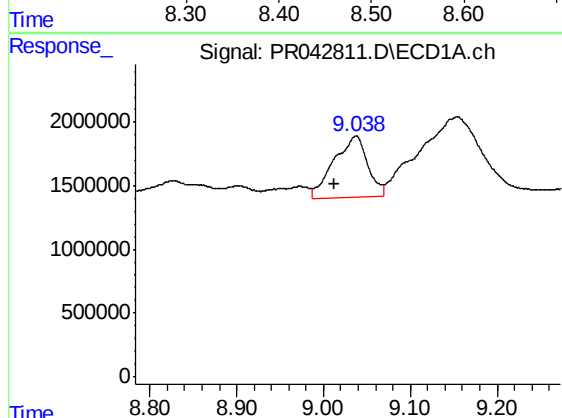
R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 4489733
Conc: 24.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



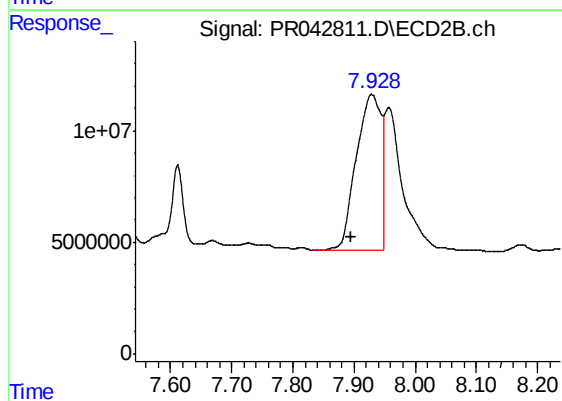
#40 AR-1262-5

R.T.: 8.476 min
Delta R.T.: 0.001 min
Response: 10529694
Conc: 16.18 ng/ml



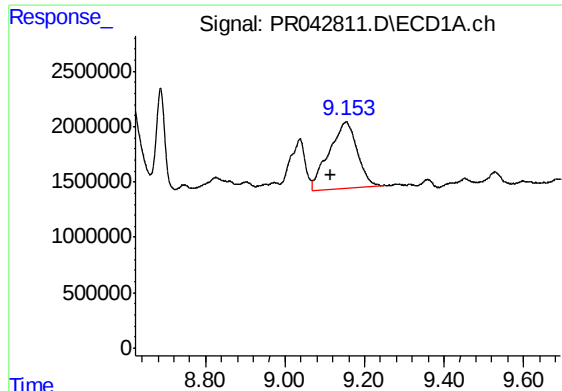
#41 AR-1268-1

R.T.: 9.037 min
Delta R.T.: 0.024 min
Response: 12793305
Conc: 20.16 ng/ml



#41 AR-1268-1

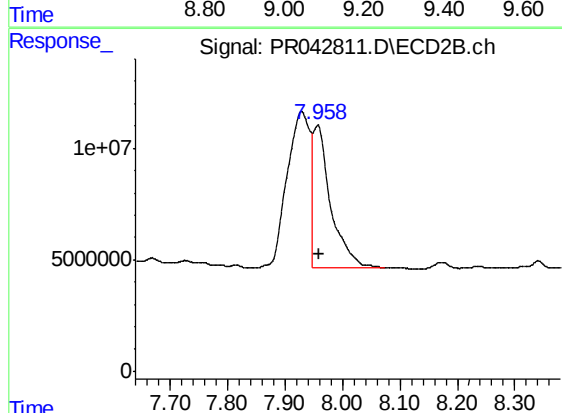
R.T.: 7.928 min
Delta R.T.: 0.034 min
Response: 194304516
Conc: 80.02 ng/ml



#42 AR-1268-2

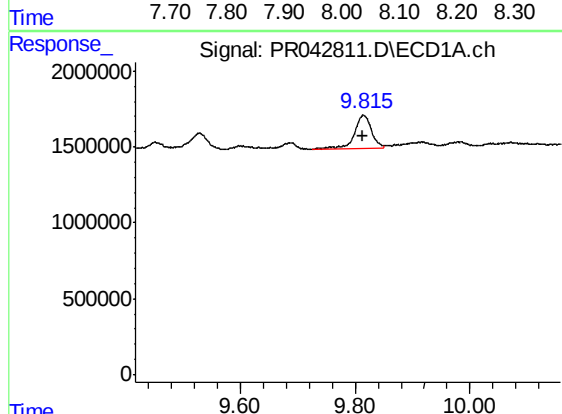
R.T.: 9.154 min
Delta R.T.: 0.039 min
Response: 29548490
Conc: 51.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



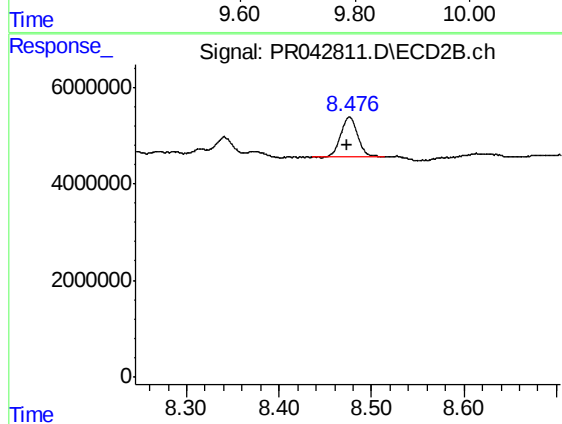
#42 AR-1268-2

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 136294409
Conc: 63.44 ng/ml



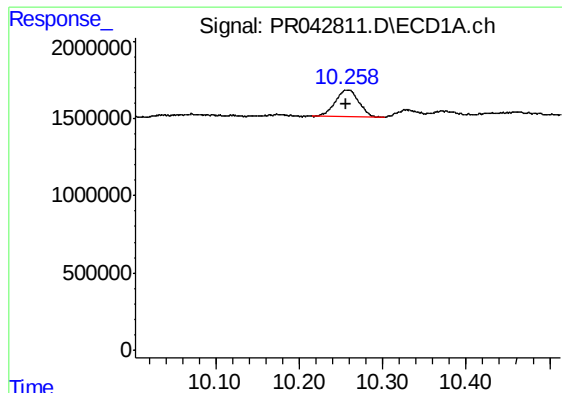
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: 0.002 min
Response: 4489733
Conc: 21.88 ng/ml



#44 AR-1268-4

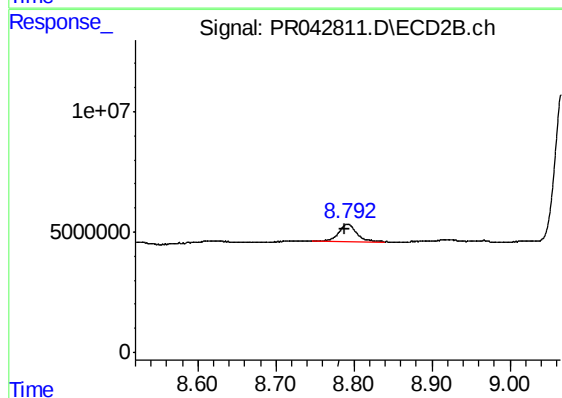
R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 10529694
Conc: 14.52 ng/ml



#45 AR-1268-5

R.T.: 10.258 min
Delta R.T.: 0.001 min
Response: 3394529
Conc: 2.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1RE



#45 AR-1268-5

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 11276869
Conc: 2.19 ng/ml