

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 09:58
 Operator : SM\AJ
 Sample : K5637-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S4-05-ARE

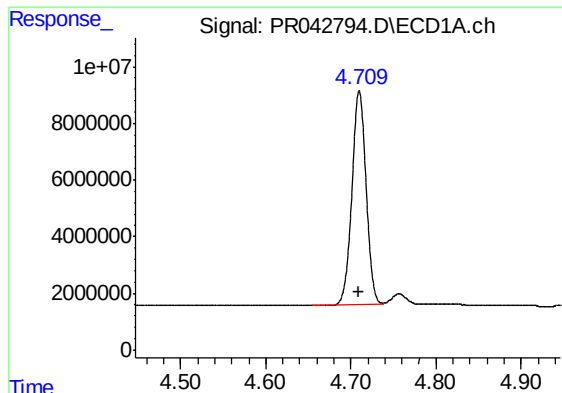
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:10:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.710	3.971	86895410	326.3E6	14.742	16.274
2)	SA Decachlor...	10.623	9.069	41191062	116.5E6	10.293	9.272
Target Compounds							
3)	L1 AR-1016-1	5.876	0.000	955364	0	5.325	N.D. #
4)	L1 AR-1016-2	5.876	0.000	955364	0	3.834	N.D. #
6)	L1 AR-1016-4	6.051	0.000	1915098	0	15.260	N.D. #
7)	L1 AR-1016-5	6.384	5.534	3778718	51655856	30.513	168.361 #
8)	L2 AR-1221-1	0.000	4.133	0	18966975	N.D.	104.842 #
9)	L2 AR-1221-2	5.022	4.277	844202	5297668	22.694	40.059 #
10)	L2 AR-1221-3	5.111	0.000	1174268	0	10.166	N.D. #
11)	L3 AR-1232-1	5.111	0.000	1174268	0	7.349	N.D. #
12)	L3 AR-1232-2	5.606	0.000	5061295	0	59.904	N.D. #
13)	L3 AR-1232-3	5.876	0.000	955364	0	5.548	N.D. #
14)	L3 AR-1232-4	6.051	5.390	1915098	13155350	22.395	65.472 #
15)	L3 AR-1232-5	0.000	5.534	0	51655856	N.D.	254.424 #
16)	L4 AR-1242-1	5.876	0.000	955364	0	7.494	N.D. #
17)	L4 AR-1242-2	5.876	0.000	955364	0	5.326	N.D. #
19)	L4 AR-1242-4	6.051	5.390	1915098	13155350	21.250	55.819 #
20)	L4 AR-1242-5	6.812	5.897	18271238	209.9E6	182.777	711.784 #
21)	L5 AR-1248-1	5.876	0.000	955364	0	10.070	N.D. #
23)	L5 AR-1248-3	6.384	5.390	3778718	13155350	25.516	40.089 #
24)	L5 AR-1248-4	6.747	5.534	102.8E6	51655856	602.086	143.966 #
25)	L5 AR-1248-5	6.812	5.897	18271238	209.9E6	112.668	541.547 #
26)	L6 AR-1254-1	6.747	5.897	102.8E6	209.9E6	550.778	333.125 #
27)	L6 AR-1254-2	6.894	0.000	10846153	0	37.156	N.D. #
28)	L6 AR-1254-3	7.348	6.405	34092562	95059072	108.253	92.383
29)	L6 AR-1254-4	7.589	6.616	27705797	123.5E6	118.212	161.888 #
30)	L6 AR-1254-5	8.035	7.109	12852088	20867741	51.118	22.638 #
31)	L7 AR-1260-1	7.497	6.566	8194645	55281408	39.415	91.209 #
32)	L7 AR-1260-2	7.747	6.726	21794135	62316688	89.144	72.069
33)	L7 AR-1260-3	8.107	6.935	12182508	64113217	67.394	90.276 #
34)	L7 AR-1260-4	8.350	0.000	7162892	0	34.323	N.D. #
36)	L8 AR-1262-1	8.107	7.109	12182508	20867741	41.284	48.032
38)	L8 AR-1262-3	0.000	7.929	0	481.7E6	N.D.	574.357 #
39)	L8 AR-1262-4	9.161	7.929	8872092	481.7E6	65.478	341.471 #
41)	L9 AR-1268-1	0.000	7.929	0	481.7E6	N.D.	198.374 #
42)	L9 AR-1268-2	9.161	7.929	8872092	481.7E6	15.412	224.215 #

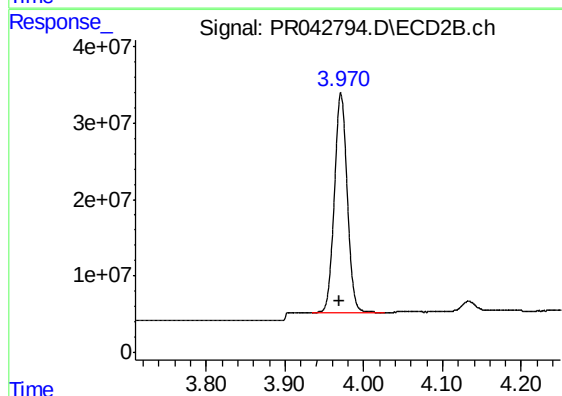
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

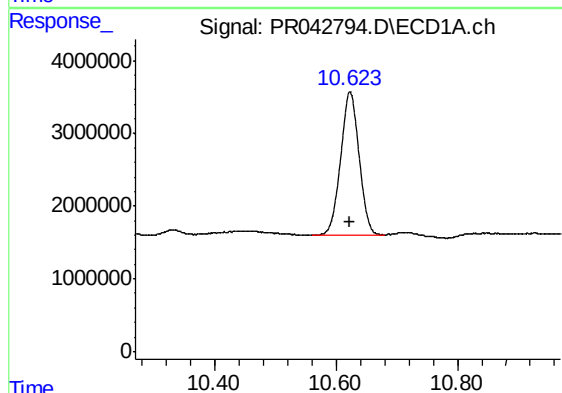
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 86895410
Conc: 14.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



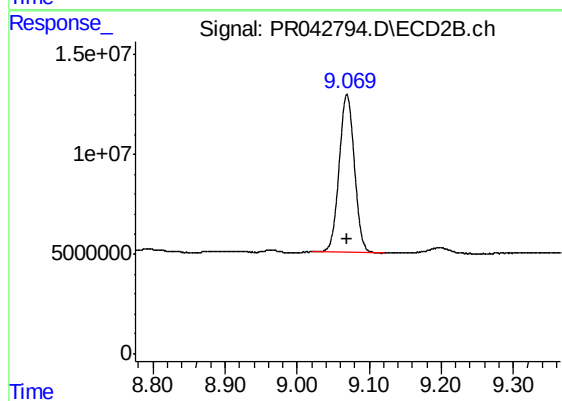
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 326302553
Conc: 16.27 ng/ml



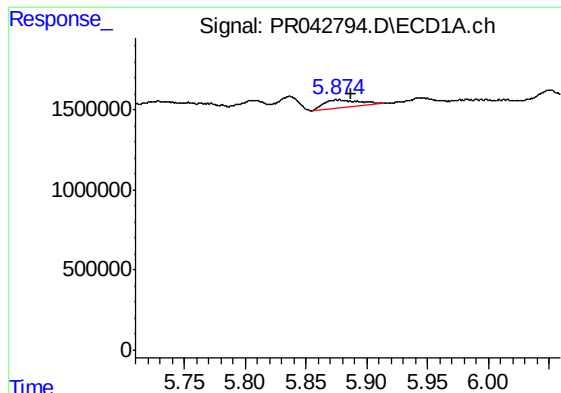
#2 Decachlorobiphenyl

R.T.: 10.623 min
Delta R.T.: 0.001 min
Response: 41191062
Conc: 10.29 ng/ml



#2 Decachlorobiphenyl

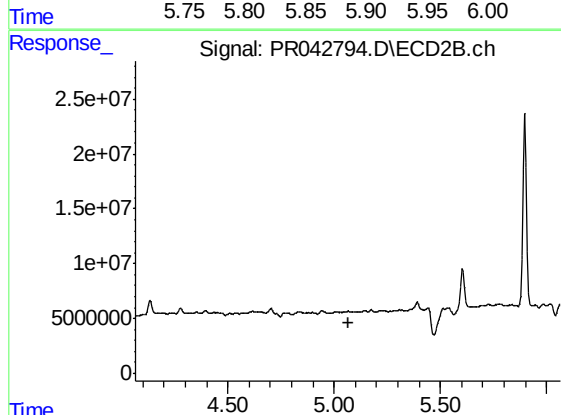
R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 116506112
Conc: 9.27 ng/ml



#3 AR-1016-1

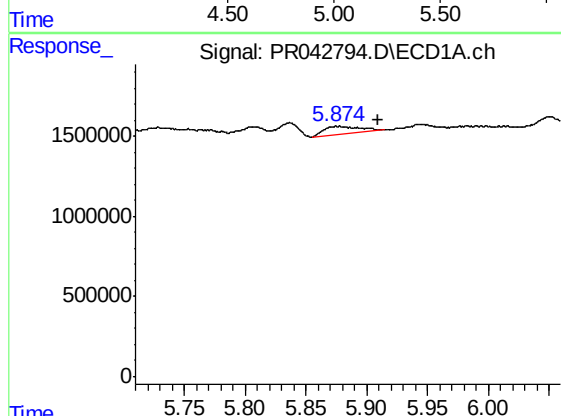
R.T.: 5.876 min
Delta R.T.: -0.011 min
Response: 955364
Conc: 5.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



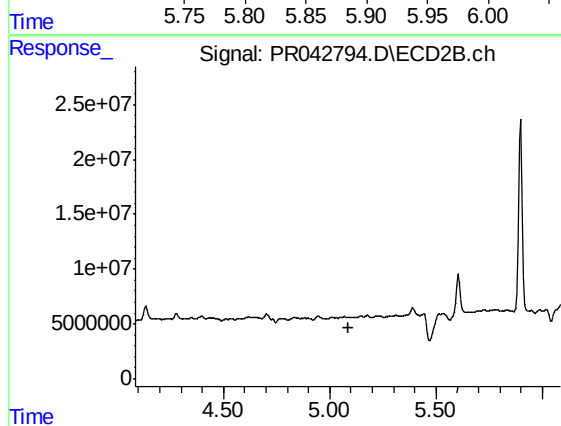
#3 AR-1016-1

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



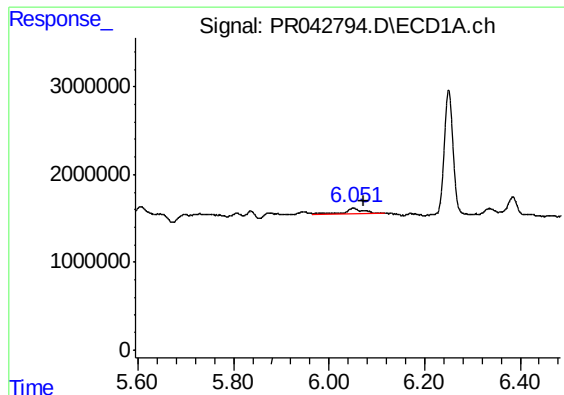
#4 AR-1016-2

R.T.: 5.876 min
Delta R.T.: -0.034 min
Response: 955364
Conc: 3.83 ng/ml



#4 AR-1016-2

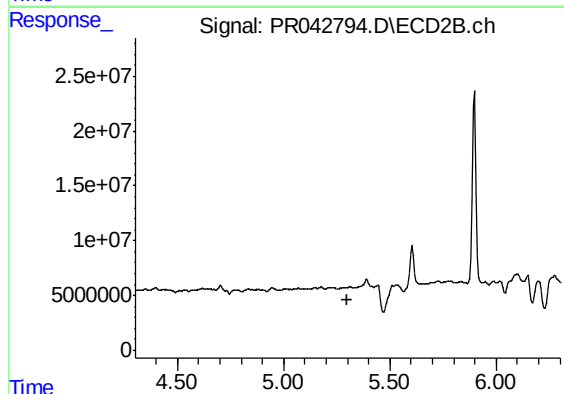
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#6 AR-1016-4

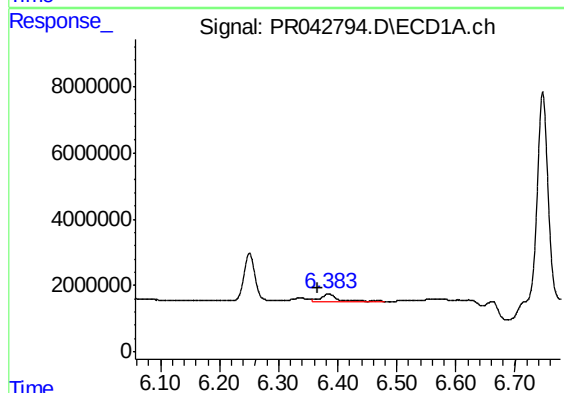
R.T.: 6.051 min
Delta R.T.: -0.022 min
Response: 1915098
Conc: 15.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



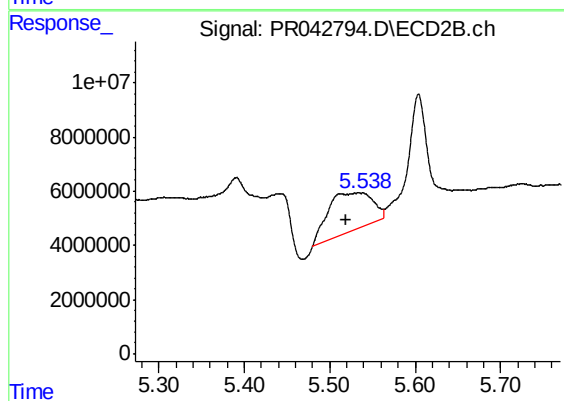
#6 AR-1016-4

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



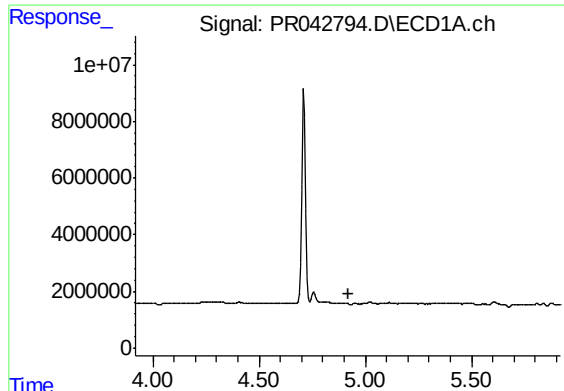
#7 AR-1016-5

R.T.: 6.384 min
Delta R.T.: 0.018 min
Response: 3778718
Conc: 30.51 ng/ml



#7 AR-1016-5

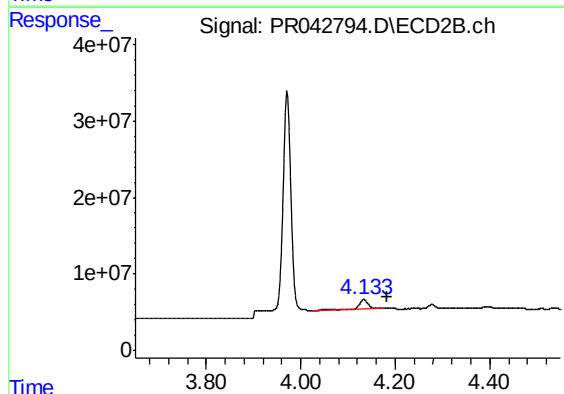
R.T.: 5.534 min
Delta R.T.: 0.014 min
Response: 51655856
Conc: 168.36 ng/ml



#8 AR-1221-1

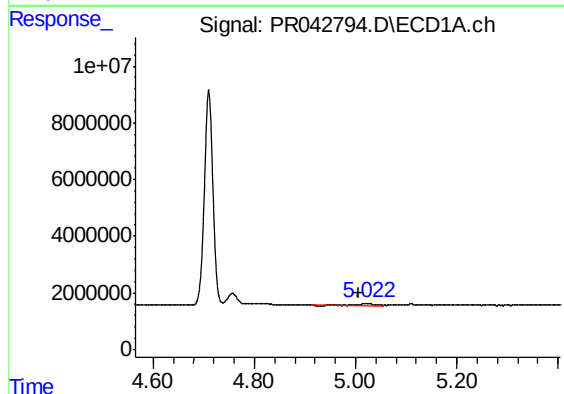
R.T.: 0.000 min
Exp R.T.: 4.918 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



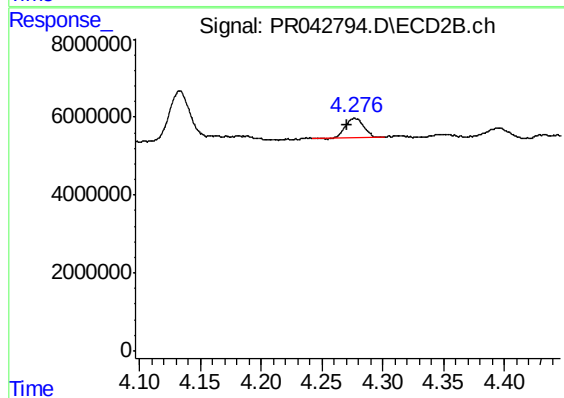
#8 AR-1221-1

R.T.: 4.133 min
Delta R.T.: -0.050 min
Response: 18966975
Conc: 104.84 ng/ml



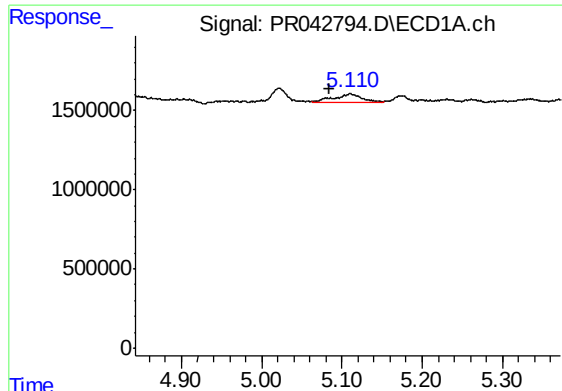
#9 AR-1221-2

R.T.: 5.022 min
Delta R.T.: 0.016 min
Response: 844202
Conc: 22.69 ng/ml



#9 AR-1221-2

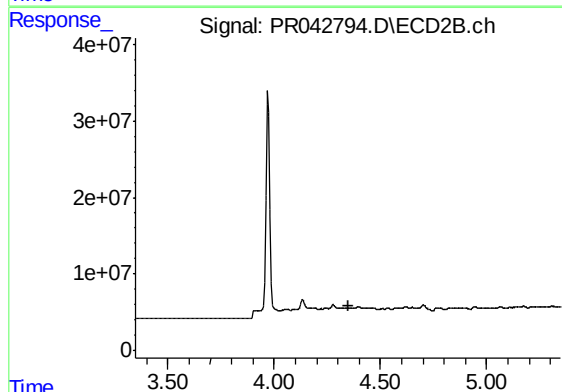
R.T.: 4.277 min
Delta R.T.: 0.007 min
Response: 5297668
Conc: 40.06 ng/ml



#10 AR-1221-3

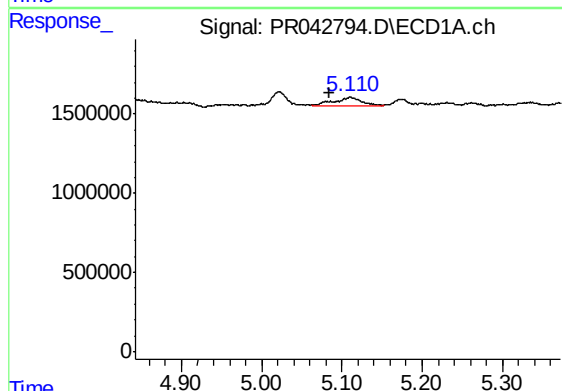
R.T.: 5.111 min
Delta R.T.: 0.026 min
Response: 1174268
Conc: 10.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



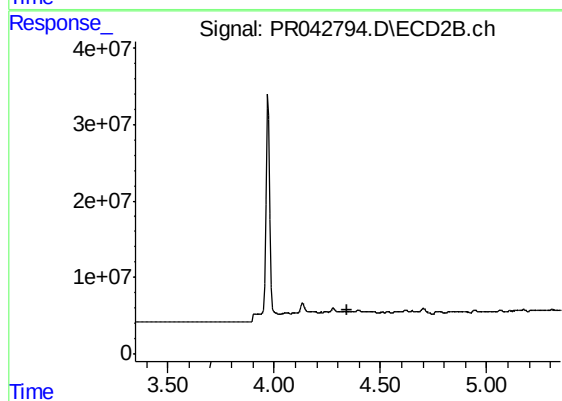
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.348 min
Response: 0
Conc: N.D.



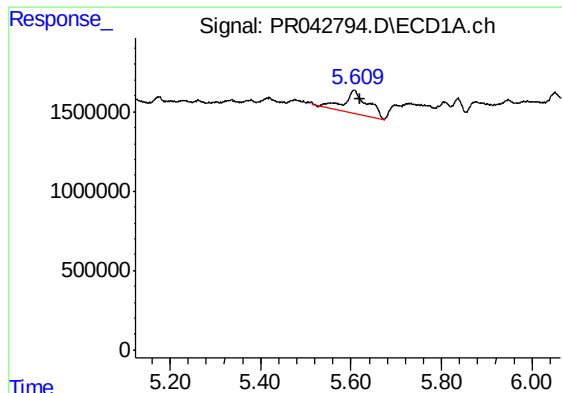
#11 AR-1232-1

R.T.: 5.111 min
Delta R.T.: 0.026 min
Response: 1174268
Conc: 7.35 ng/ml



#11 AR-1232-1

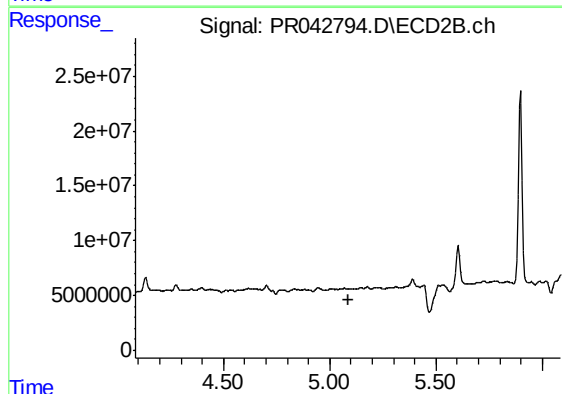
R.T.: 0.000 min
Exp R.T. : 4.347 min
Response: 0
Conc: N.D.



#12 AR-1232-2

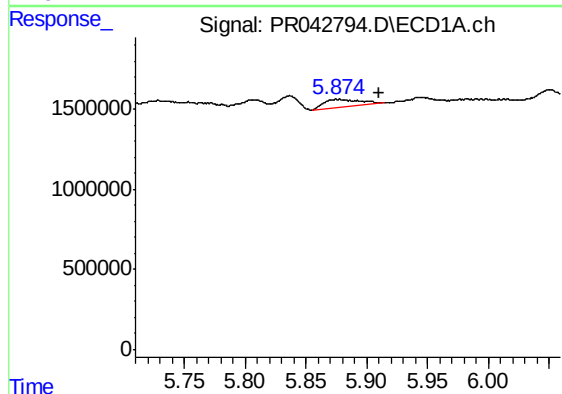
R.T.: 5.606 min
Delta R.T.: -0.013 min
Response: 5061295
Conc: 59.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



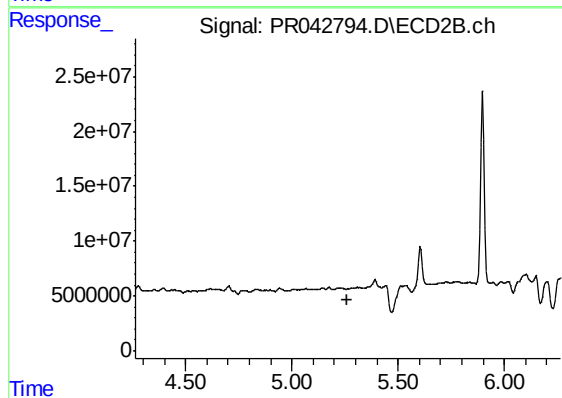
#12 AR-1232-2

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



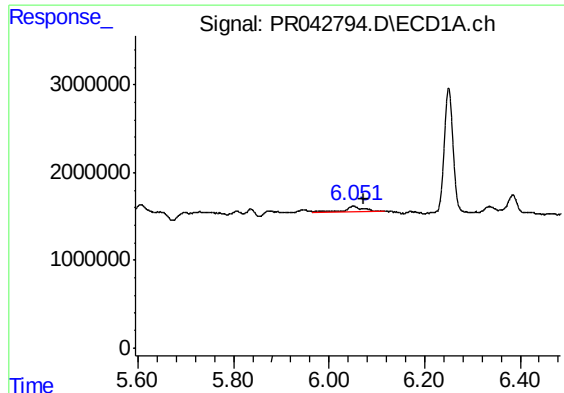
#13 AR-1232-3

R.T.: 5.876 min
Delta R.T.: -0.035 min
Response: 955364
Conc: 5.55 ng/ml



#13 AR-1232-3

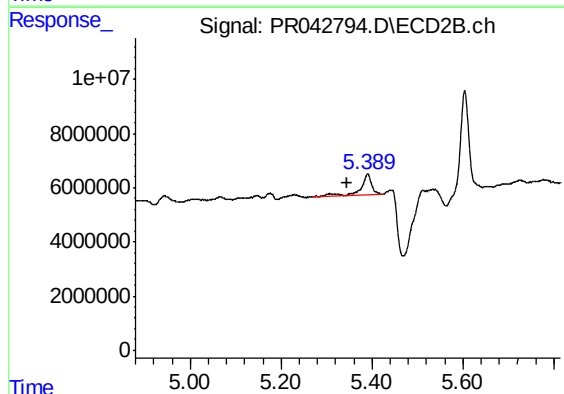
R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



#14 AR-1232-4

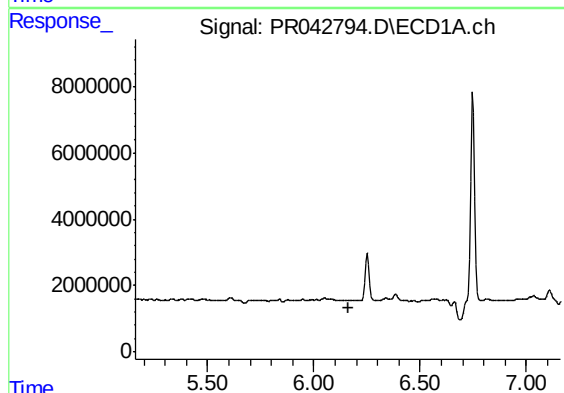
R.T.: 6.051 min
Delta R.T.: -0.023 min
Response: 1915098
Conc: 22.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



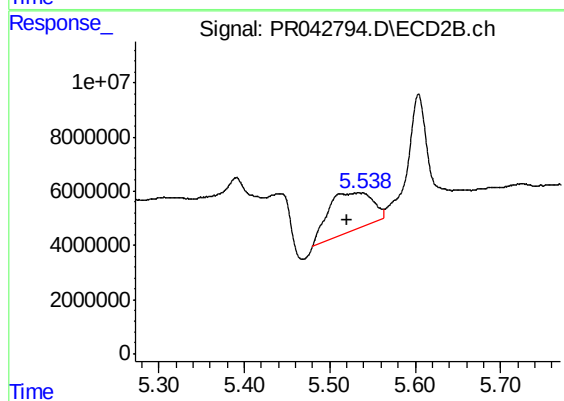
#14 AR-1232-4

R.T.: 5.390 min
Delta R.T.: 0.044 min
Response: 13155350
Conc: 65.47 ng/ml



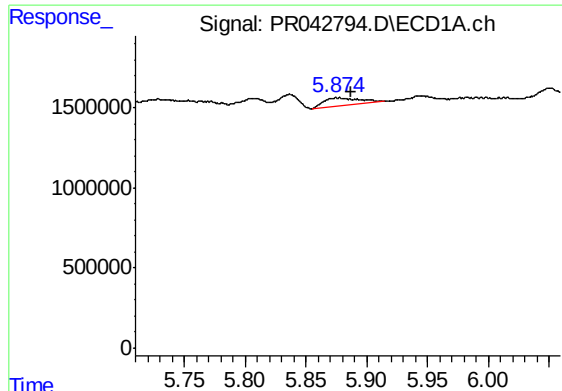
#15 AR-1232-5

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



#15 AR-1232-5

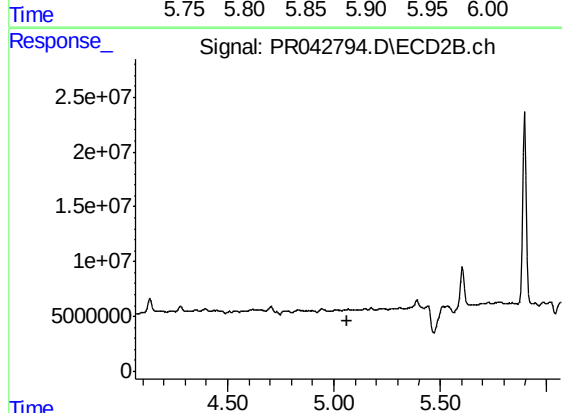
R.T.: 5.534 min
Delta R.T.: 0.014 min
Response: 51655856
Conc: 254.42 ng/ml



#16 AR-1242-1

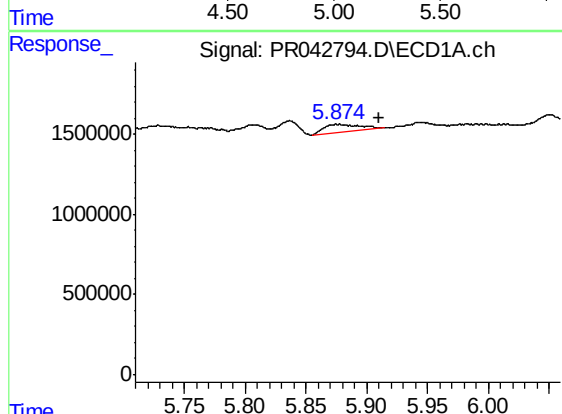
R.T.: 5.876 min
Delta R.T.: -0.011 min
Response: 955364
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



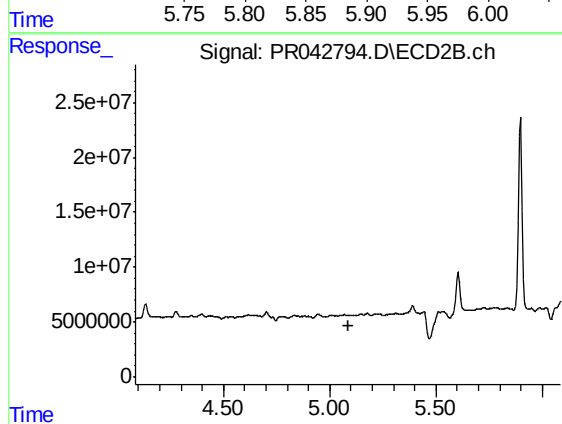
#16 AR-1242-1

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



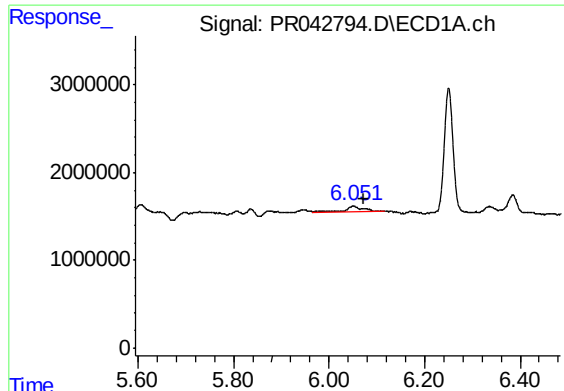
#17 AR-1242-2

R.T.: 5.876 min
Delta R.T.: -0.034 min
Response: 955364
Conc: 5.33 ng/ml



#17 AR-1242-2

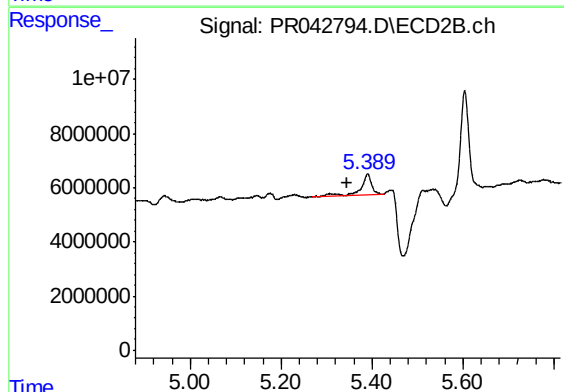
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



#19 AR-1242-4

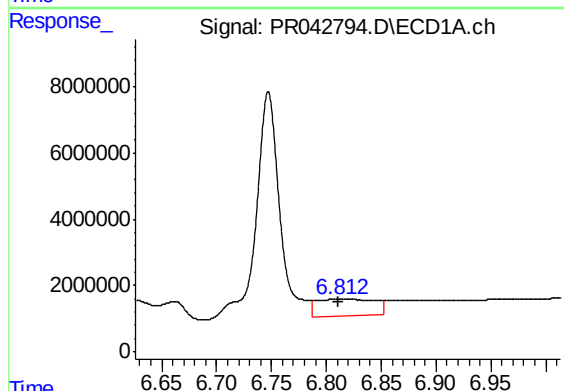
R.T.: 6.051 min
Delta R.T.: -0.022 min
Response: 1915098
Conc: 21.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



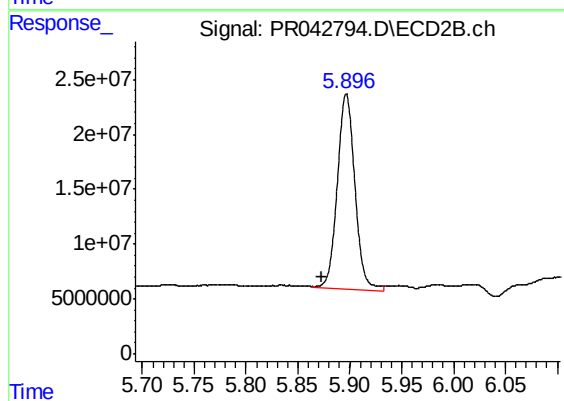
#19 AR-1242-4

R.T.: 5.390 min
Delta R.T.: 0.043 min
Response: 13155350
Conc: 55.82 ng/ml



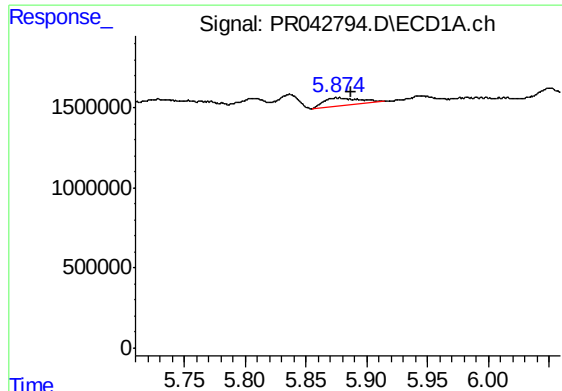
#20 AR-1242-5

R.T.: 6.812 min
Delta R.T.: 0.001 min
Response: 18271238
Conc: 182.78 ng/ml



#20 AR-1242-5

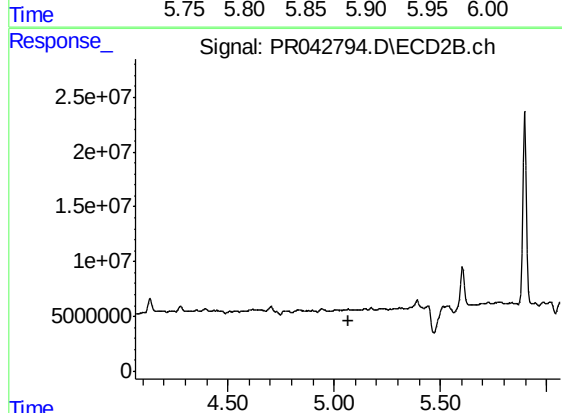
R.T.: 5.897 min
Delta R.T.: 0.024 min
Response: 209927550
Conc: 711.78 ng/ml



#21 AR-1248-1

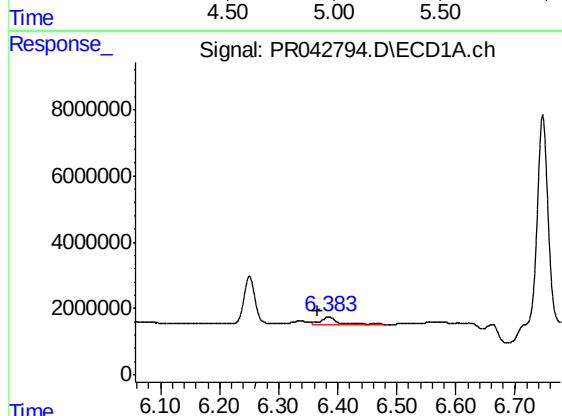
R.T.: 5.876 min
Delta R.T.: -0.011 min
Response: 955364
Conc: 10.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



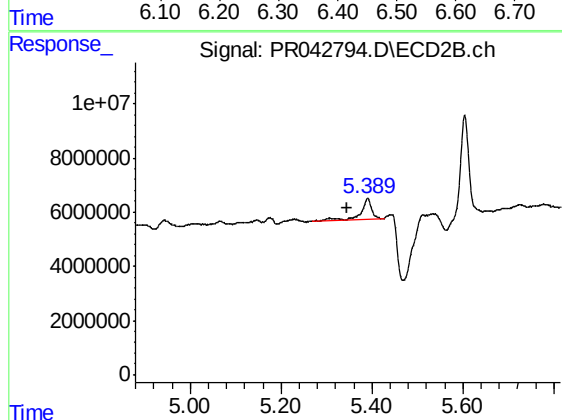
#21 AR-1248-1

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



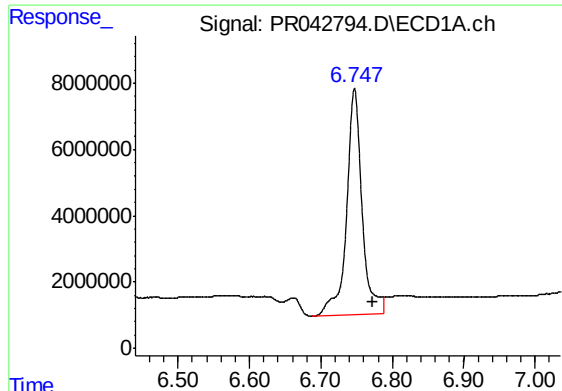
#23 AR-1248-3

R.T.: 6.384 min
Delta R.T.: 0.017 min
Response: 3778718
Conc: 25.52 ng/ml



#23 AR-1248-3

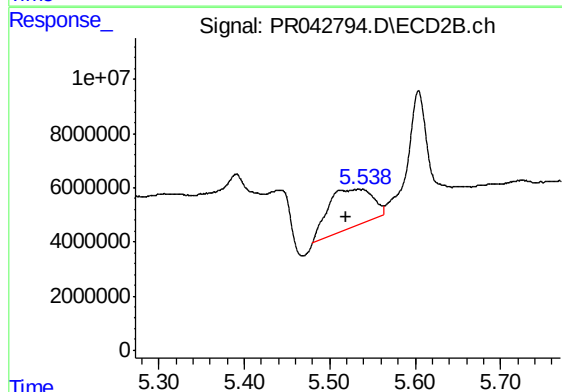
R.T.: 5.390 min
Delta R.T.: 0.044 min
Response: 13155350
Conc: 40.09 ng/ml



#24 AR-1248-4

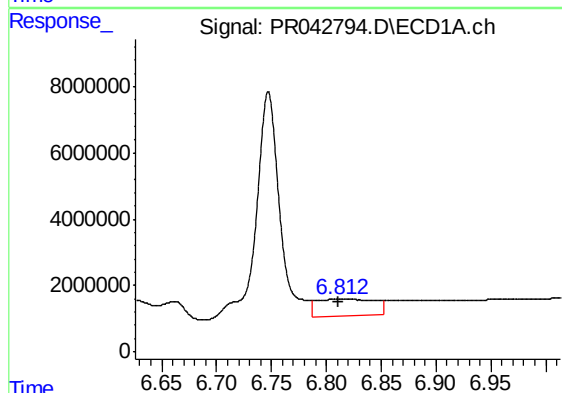
R.T.: 6.747 min
Delta R.T.: -0.025 min
Response: 102811464
Conc: 602.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



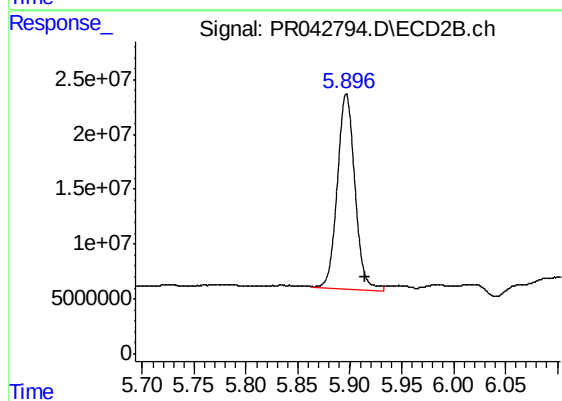
#24 AR-1248-4

R.T.: 5.534 min
Delta R.T.: 0.014 min
Response: 51655856
Conc: 143.97 ng/ml



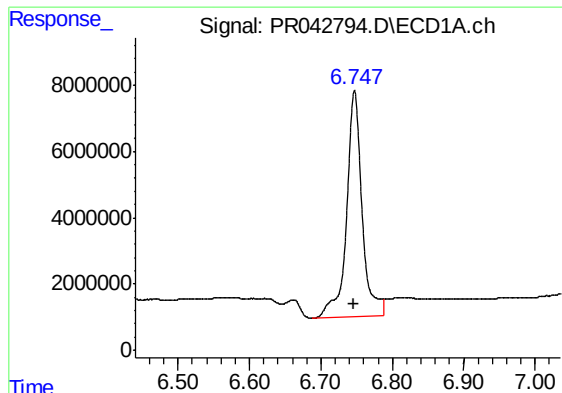
#25 AR-1248-5

R.T.: 6.812 min
Delta R.T.: 0.001 min
Response: 18271238
Conc: 112.67 ng/ml



#25 AR-1248-5

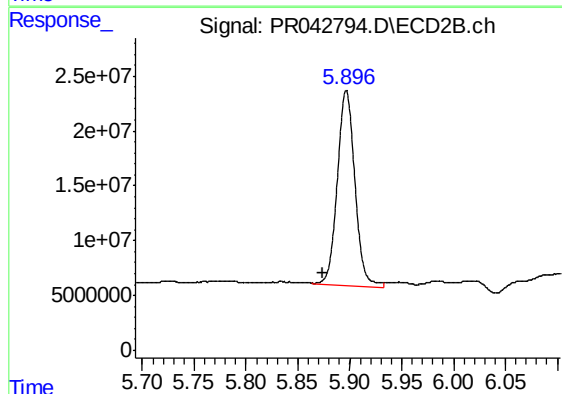
R.T.: 5.897 min
Delta R.T.: -0.019 min
Response: 209927550
Conc: 541.55 ng/ml



#26 AR-1254-1

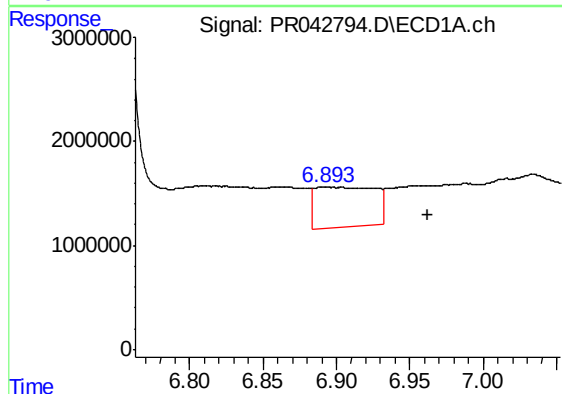
R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 102811464
Conc: 550.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



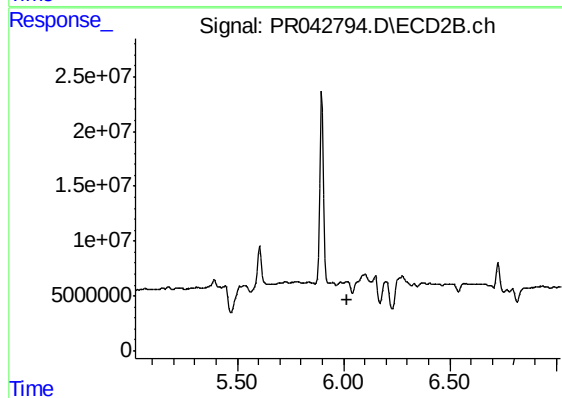
#26 AR-1254-1

R.T.: 5.897 min
Delta R.T.: 0.022 min
Response: 209927550
Conc: 333.13 ng/ml



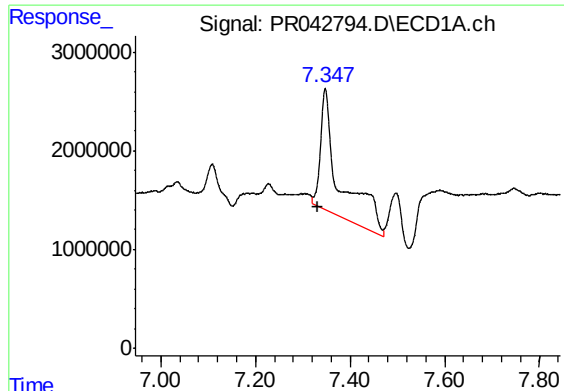
#27 AR-1254-2

R.T.: 6.894 min
Delta R.T.: -0.069 min
Response: 10846153
Conc: 37.16 ng/ml



#27 AR-1254-2

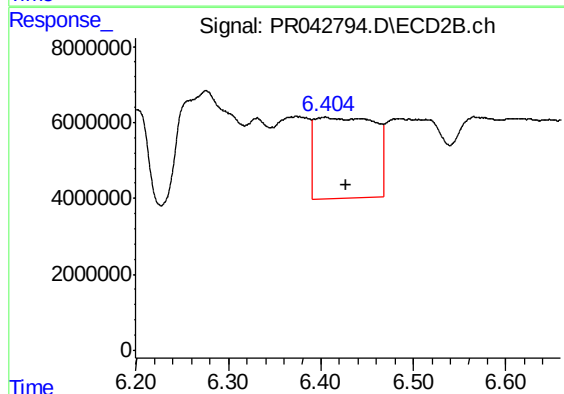
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#28 AR-1254-3

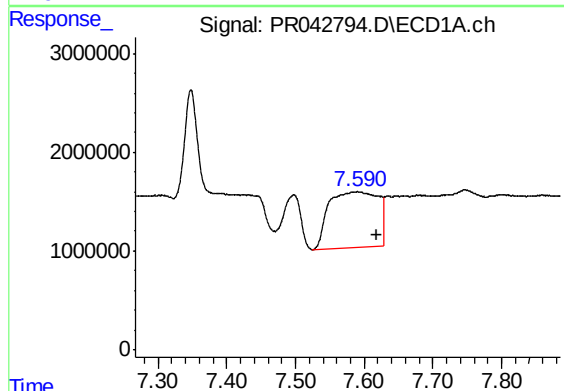
R.T.: 7.348 min
Delta R.T.: 0.015 min
Response: 34092562
Conc: 108.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



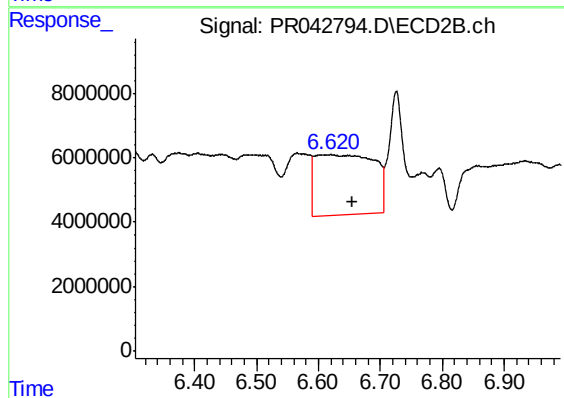
#28 AR-1254-3

R.T.: 6.405 min
Delta R.T.: -0.022 min
Response: 95059072
Conc: 92.38 ng/ml



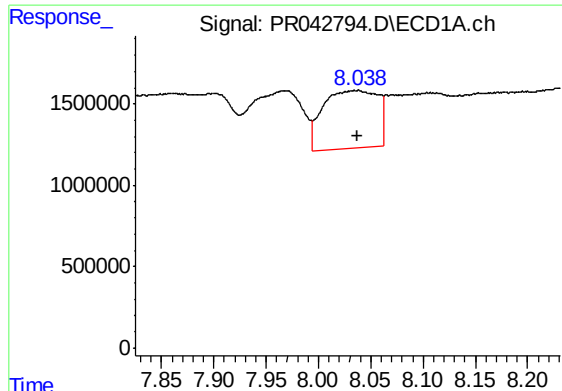
#29 AR-1254-4

R.T.: 7.589 min
Delta R.T.: -0.029 min
Response: 27705797
Conc: 118.21 ng/ml



#29 AR-1254-4

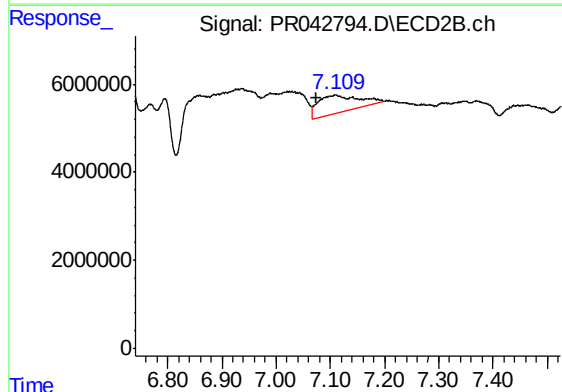
R.T.: 6.616 min
Delta R.T.: -0.039 min
Response: 123452507
Conc: 161.89 ng/ml



#30 AR-1254-5

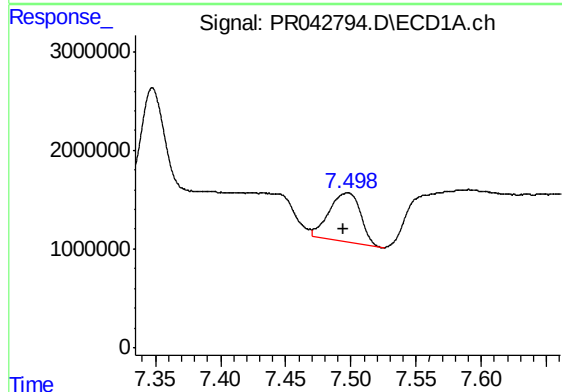
R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 12852088
Conc: 51.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



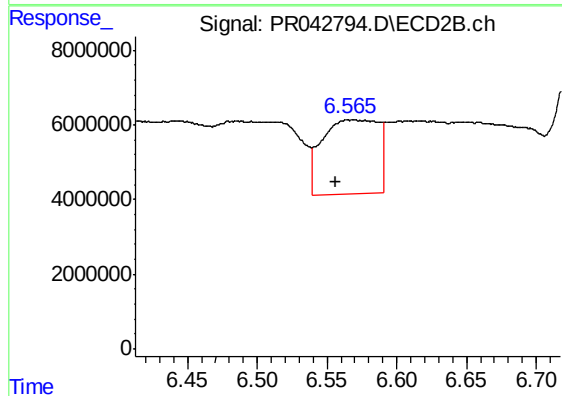
#30 AR-1254-5

R.T.: 7.109 min
Delta R.T.: 0.035 min
Response: 20867741
Conc: 22.64 ng/ml



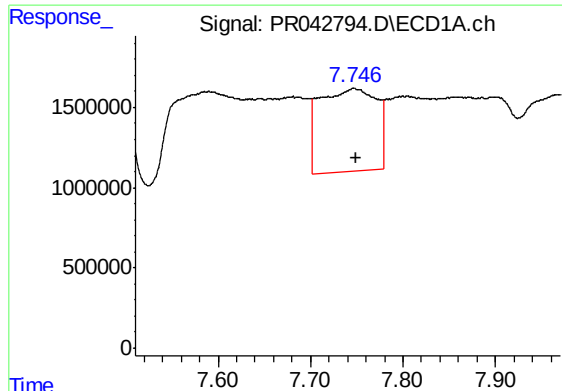
#31 AR-1260-1

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 8194645
Conc: 39.42 ng/ml



#31 AR-1260-1

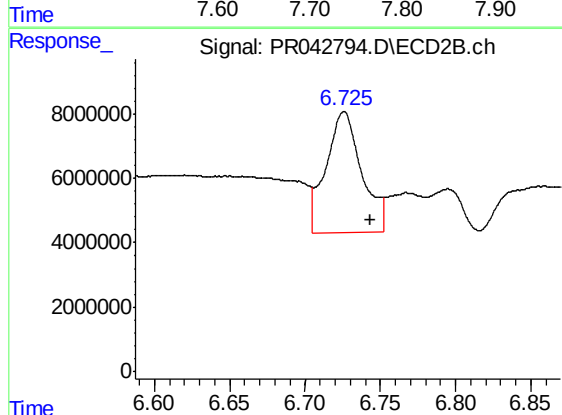
R.T.: 6.566 min
Delta R.T.: 0.010 min
Response: 55281408
Conc: 91.21 ng/ml



#32 AR-1260-2

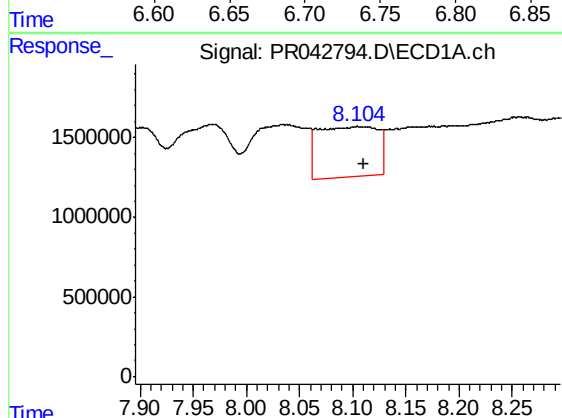
R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 21794135
Conc: 89.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



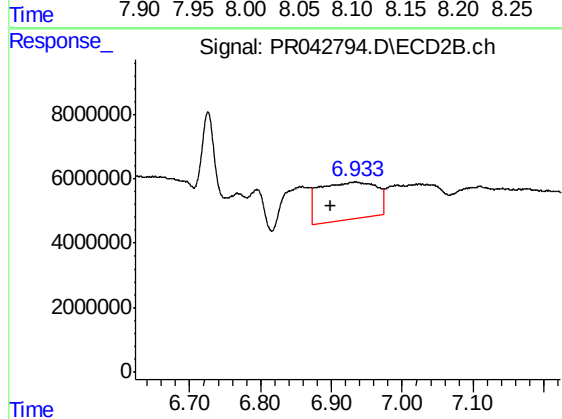
#32 AR-1260-2

R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 62316688
Conc: 72.07 ng/ml



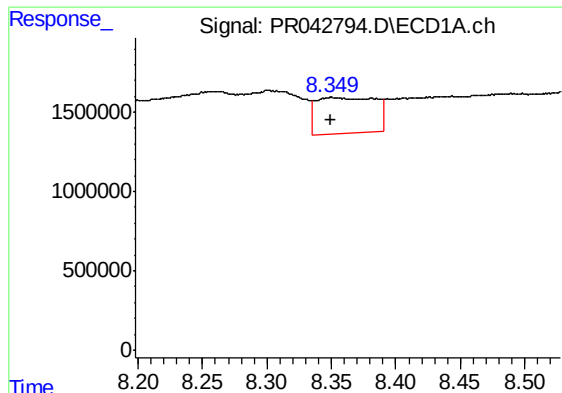
#33 AR-1260-3

R.T.: 8.107 min
Delta R.T.: -0.004 min
Response: 12182508
Conc: 67.39 ng/ml



#33 AR-1260-3

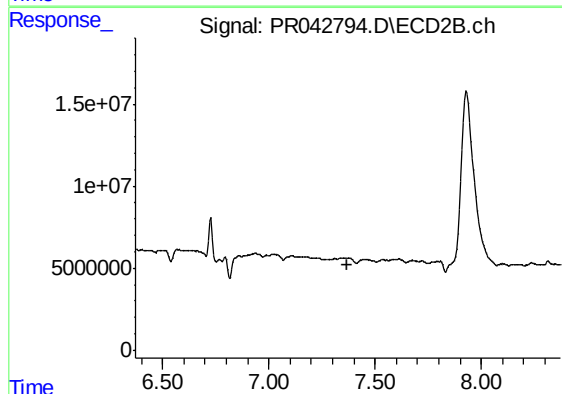
R.T.: 6.935 min
Delta R.T.: 0.035 min
Response: 64113217
Conc: 90.28 ng/ml



#34 AR-1260-4

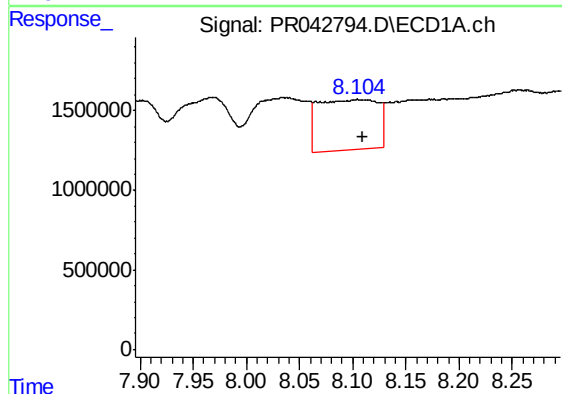
R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 7162892
Conc: 34.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



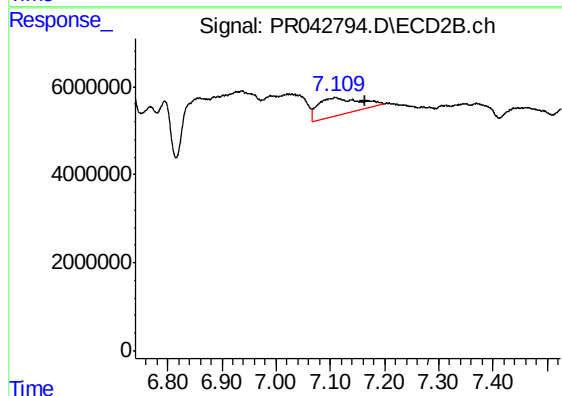
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.373 min
Response: 0
Conc: N.D.



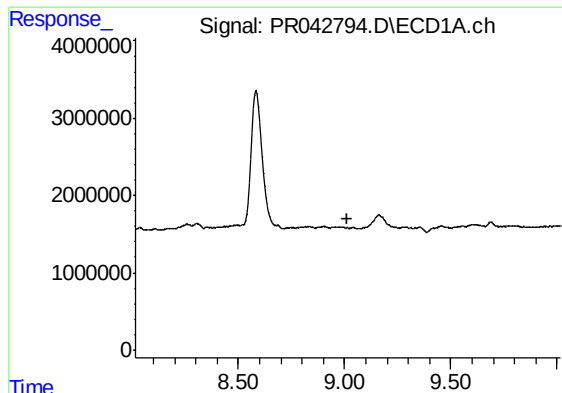
#36 AR-1262-1

R.T.: 8.107 min
Delta R.T.: -0.002 min
Response: 12182508
Conc: 41.28 ng/ml



#36 AR-1262-1

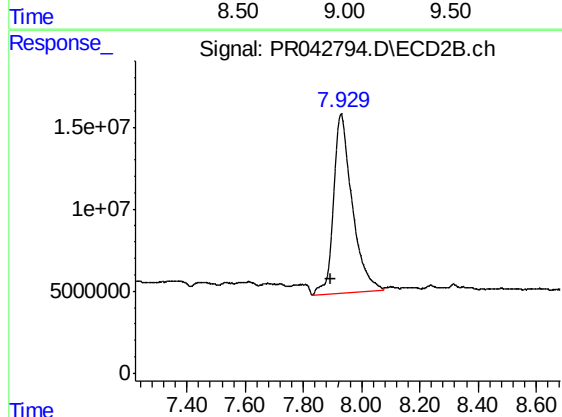
R.T.: 7.109 min
Delta R.T.: -0.054 min
Response: 20867741
Conc: 48.03 ng/ml



#38 AR-1262-3

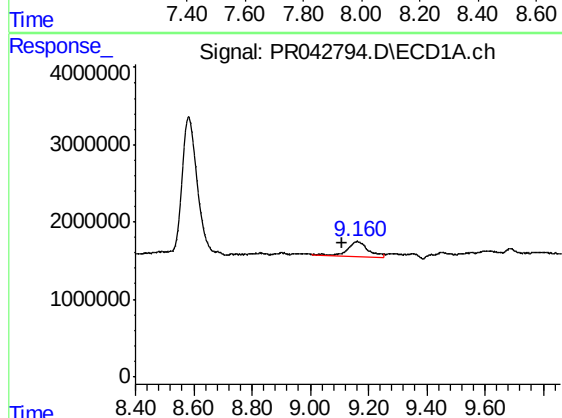
R.T.: 0.000 min
Exp R.T.: 9.015 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



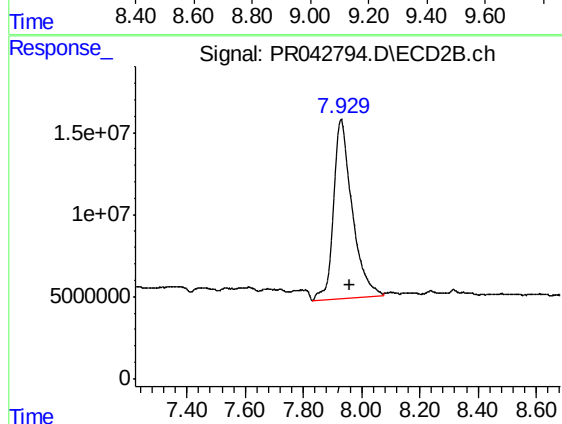
#38 AR-1262-3

R.T.: 7.929 min
Delta R.T.: 0.033 min
Response: 481702472
Conc: 574.36 ng/ml



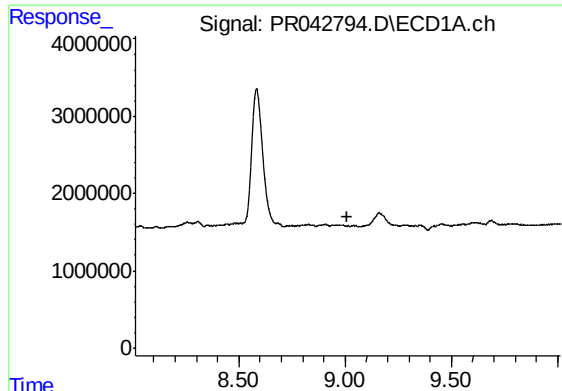
#39 AR-1262-4

R.T.: 9.161 min
Delta R.T.: 0.049 min
Response: 8872092
Conc: 65.48 ng/ml



#39 AR-1262-4

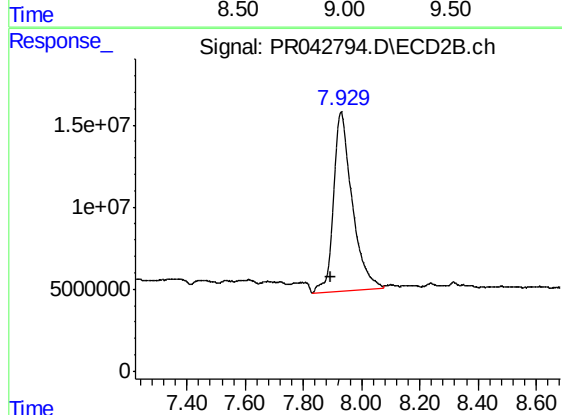
R.T.: 7.929 min
Delta R.T.: -0.031 min
Response: 481702472
Conc: 341.47 ng/ml



#41 AR-1268-1

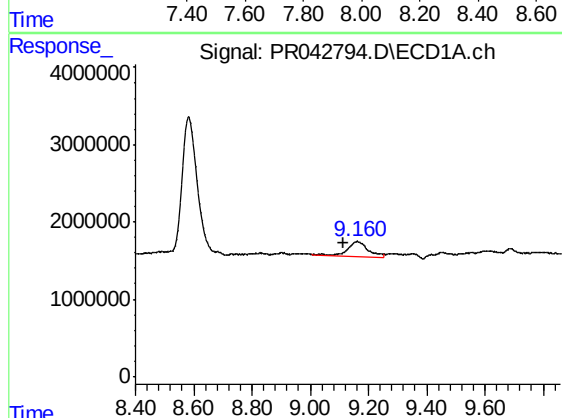
R.T.: 0.000 min
Exp R.T.: 9.013 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S4-05-ARE



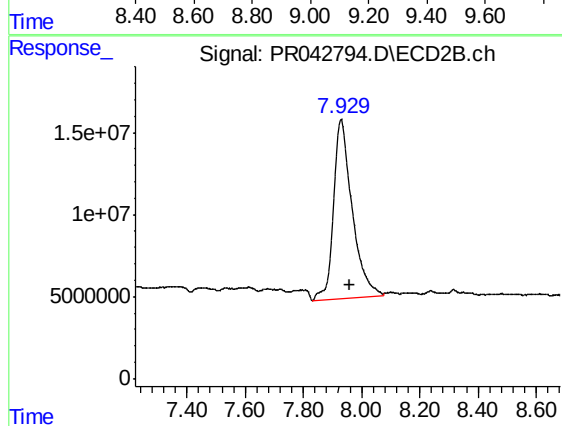
#41 AR-1268-1

R.T.: 7.929 min
Delta R.T.: 0.034 min
Response: 481702472
Conc: 198.37 ng/ml



#42 AR-1268-2

R.T.: 9.161 min
Delta R.T.: 0.046 min
Response: 8872092
Conc: 15.41 ng/ml



#42 AR-1268-2

R.T.: 7.929 min
Delta R.T.: -0.031 min
Response: 481702472
Conc: 224.21 ng/ml