

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 09:44
 Operator : SM\AJ
 Sample : K5637-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S4-03-ARE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:09:51 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	3.971	65835385	252.7E6	11.169	12.604
2)	SA Decachlor...	10.625	9.069	22343148	63815410	5.583	5.078
Target Compounds							
3)	L1 AR-1016-1	5.875	5.062	6280933	7635666	35.010	13.162 #
4)	L1 AR-1016-2	5.910	5.062	3801454	7635666	15.255	9.743 #
5)	L1 AR-1016-3	5.947	5.267	16872200	16900617	112.185	45.964 #
6)	L1 AR-1016-4	6.052	5.267	37554603	16900617	299.241	61.649 #
7)	L1 AR-1016-5	6.386	5.510	87482158	73118872	706.425	238.316 #
8)	L2 AR-1221-1	0.000	4.134	0	18681697	N.D.	103.265 #
9)	L2 AR-1221-2	5.023	4.281	1050638	67710555	28.243	511.996 #
10)	L2 AR-1221-3	5.114	4.343	14891055	9033129	128.913	21.841 #
11)	L3 AR-1232-1	5.114	4.343	14891055	9033129	93.200	15.650 #
12)	L3 AR-1232-2	5.608	5.062	31230212	7635666	369.632	13.908 #
13)	L3 AR-1232-3	5.910	5.267	3801454	16900617	22.074	65.318 #
14)	L3 AR-1232-4	6.052	5.391	37554603	181.2E6	439.153	901.595 #
15)	L3 AR-1232-5	6.172	5.510	18473256	73118872	285.208	360.137 #
16)	L4 AR-1242-1	5.875	5.062	6280933	7635666	49.267	18.301 #
17)	L4 AR-1242-2	5.910	5.062	3801454	7635666	21.191	13.565 #
18)	L4 AR-1242-3	5.947	5.267	16872200	16900617	156.133	62.223 #
19)	L4 AR-1242-4	6.052	5.391	37554603	181.2E6	416.702	768.663 #
20)	L4 AR-1242-5	6.789	5.896	18768483	208.4E6	187.752	706.513 #
21)	L5 AR-1248-1	5.875	5.062	6280933	7635666	66.203	24.169 #
22)	L5 AR-1248-2	6.172	5.267	18473256	16900617	140.175	50.926 #
23)	L5 AR-1248-3	6.386	5.391	87482158	181.2E6	590.729	552.054
24)	L5 AR-1248-4	6.789	5.510	18768483	73118872	109.912	203.784 #
25)	L5 AR-1248-5	6.789	5.896	18768483	208.4E6	115.734	537.537 #
26)	L6 AR-1254-1	6.748	5.896	73823061	208.4E6	395.482	330.658
27)	L6 AR-1254-2	6.984	6.022	25094157	48925968	85.965	83.744
28)	L6 AR-1254-3	7.349	6.426	20525453	30683740	65.174	29.820 #
29)	L6 AR-1254-4	7.611	0.000	40253595	0	171.749	N.D. #
30)	L6 AR-1254-5	8.038	0.000	7721974	0	30.713	N.D. #
31)	L7 AR-1260-1	7.498	6.563	8638639	11126063	41.551	18.357 #
32)	L7 AR-1260-2	7.754	6.726	33405576	48780691	136.637	56.415 #
33)	L7 AR-1260-3	8.108	6.900	2378568	23448217	13.158	33.017 #
34)	L7 AR-1260-4	8.313	0.000	8089123	0	38.761	N.D. #
35)	L7 AR-1260-5	8.687	0.000	1357678	0	3.275	N.D. #
36)	L8 AR-1262-1	8.108	0.000	2378568	0	8.061	N.D. #
37)	L8 AR-1262-2	8.687	0.000	1357678	0	2.438	N.D. #
38)	L8 AR-1262-3	0.000	7.929	0	576.6E6	N.D.	687.512 #
39)	L8 AR-1262-4	9.173	7.929	24596691	576.6E6	181.529	408.744 #
41)	L9 AR-1268-1	0.000	7.929	0	576.6E6	N.D.	237.456 #
42)	L9 AR-1268-2	9.173	7.929	24596691	576.6E6	42.727	268.388 #
43)	L9 AR-1268-3	0.000	8.178	0	10900226	N.D.	6.009 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 09:44
Operator : SM\AJ
Sample : K5637-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:09:51 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

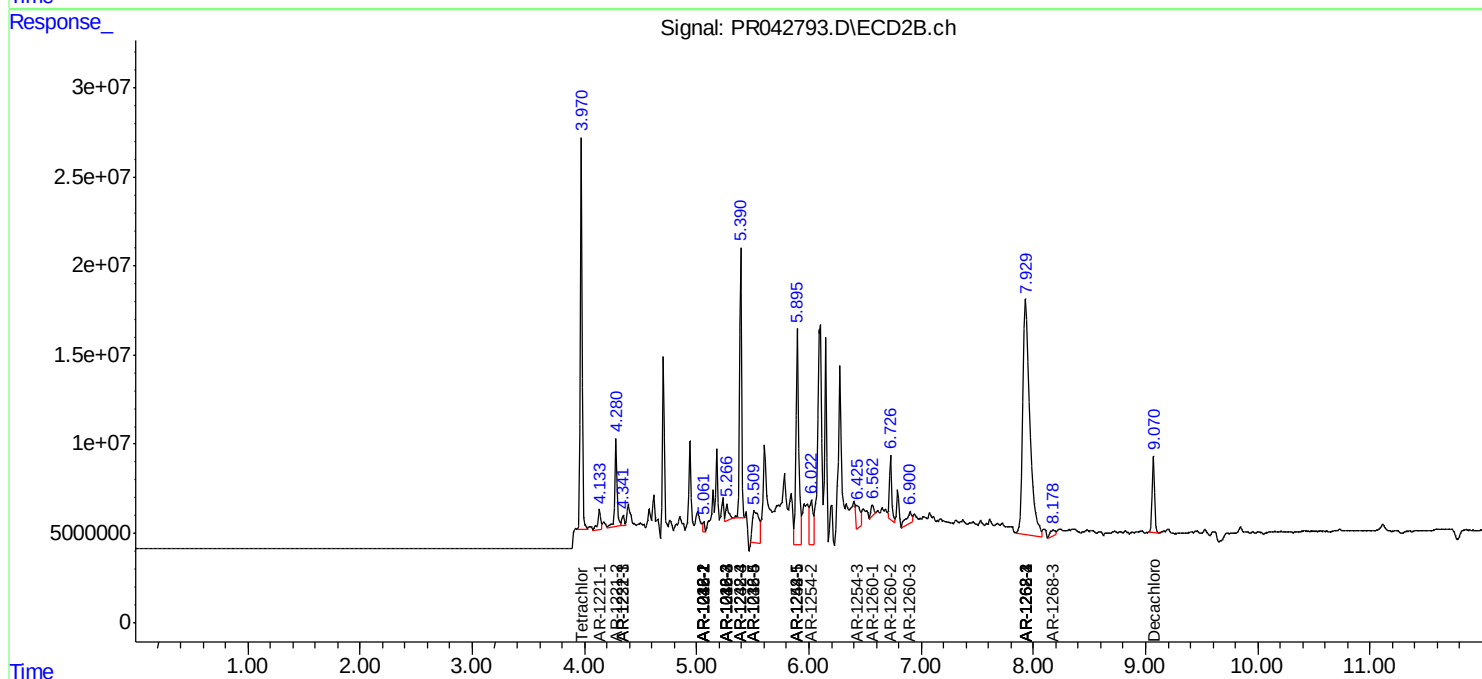
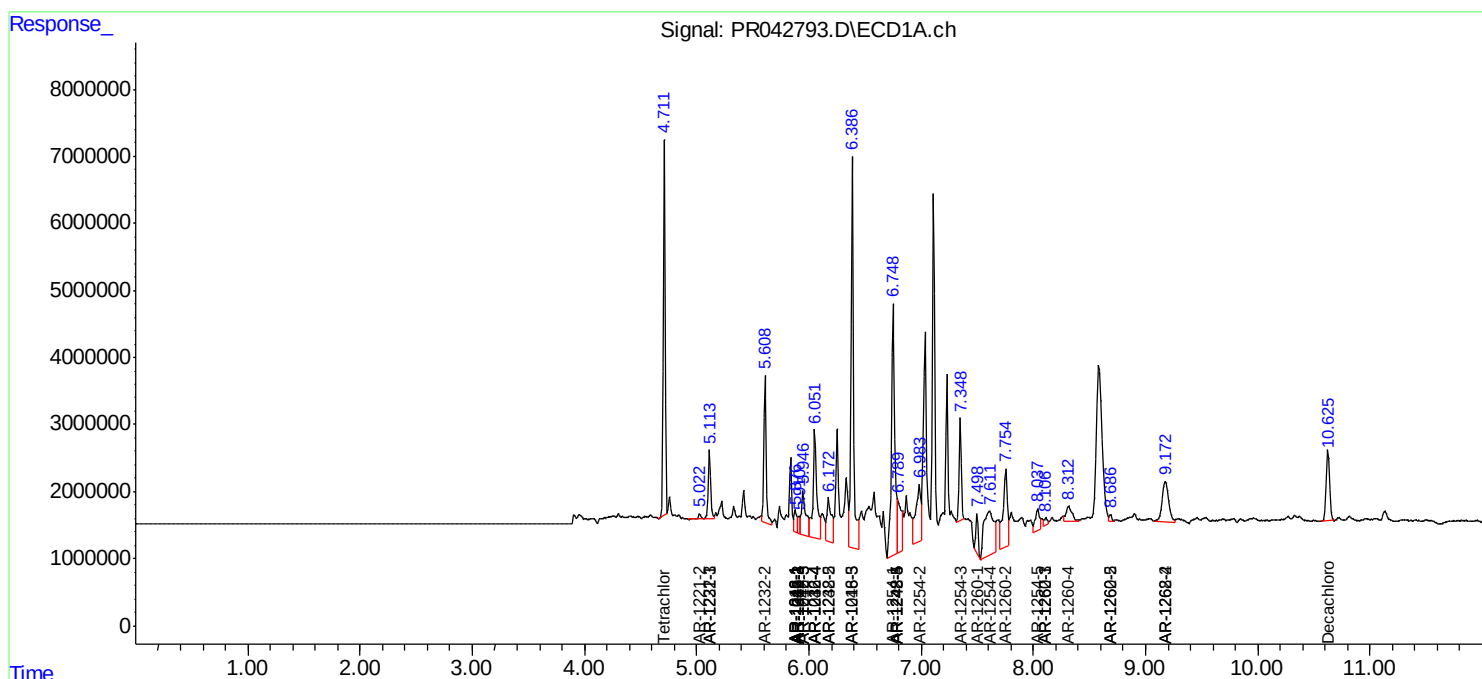
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

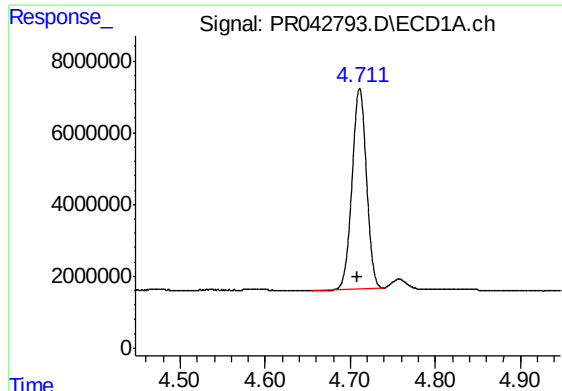
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 09:44
Operator : SM\AJ
Sample : K5637-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :
S4-03-ARE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:09:51 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

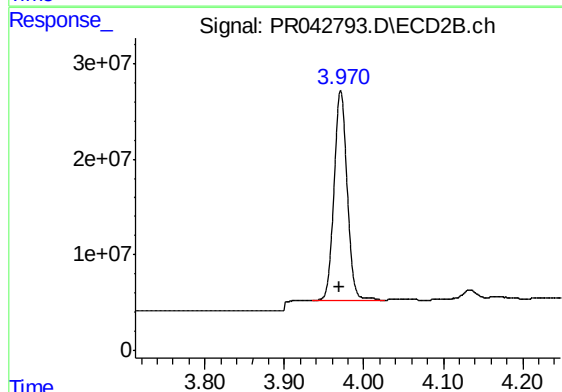




#1 Tetrachloro-m-xylene

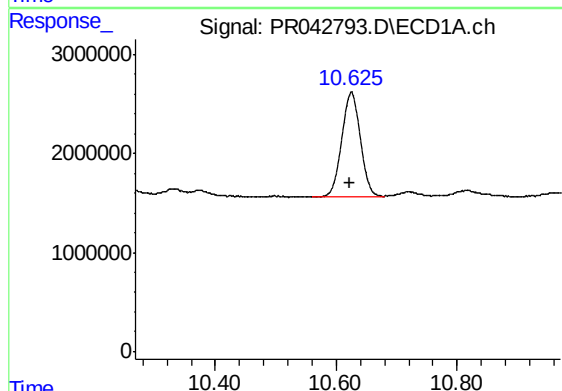
R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 65835385
Conc: 11.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



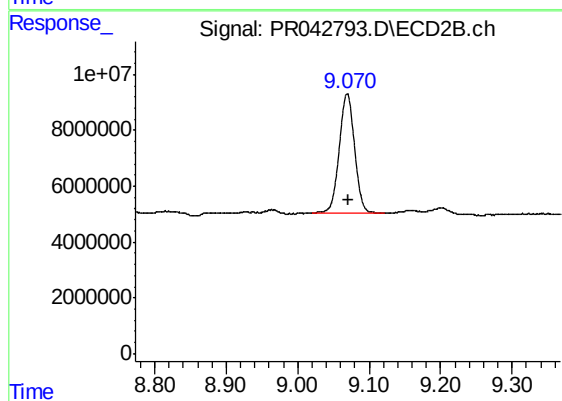
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 252726176
Conc: 12.60 ng/ml



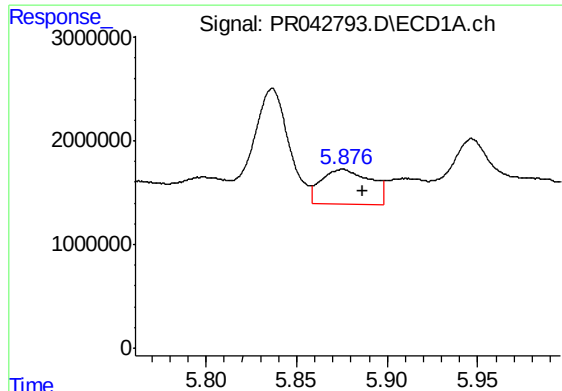
#2 Decachlorobiphenyl

R.T.: 10.625 min
Delta R.T.: 0.003 min
Response: 22343148
Conc: 5.58 ng/ml



#2 Decachlorobiphenyl

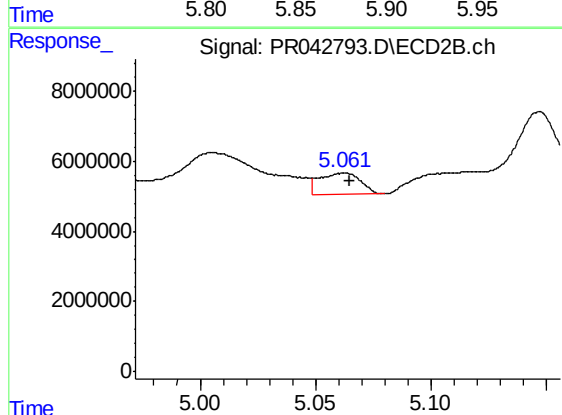
R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 63815410
Conc: 5.08 ng/ml



#3 AR-1016-1

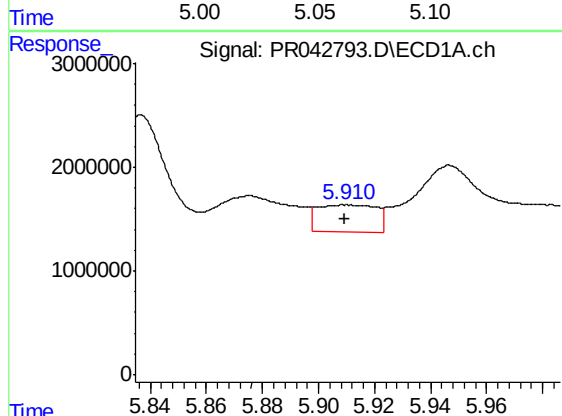
R.T.: 5.875 min
Delta R.T.: -0.012 min
Response: 6280933
Conc: 35.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



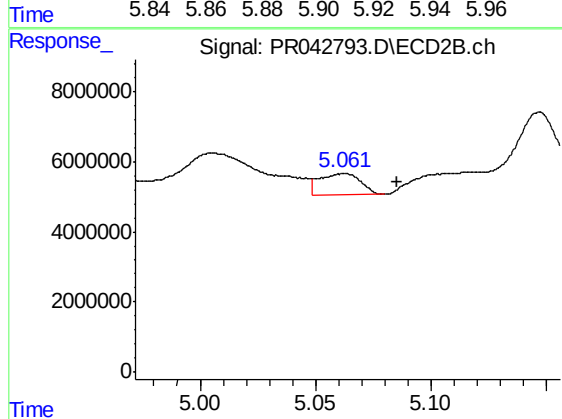
#3 AR-1016-1

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 7635666
Conc: 13.16 ng/ml



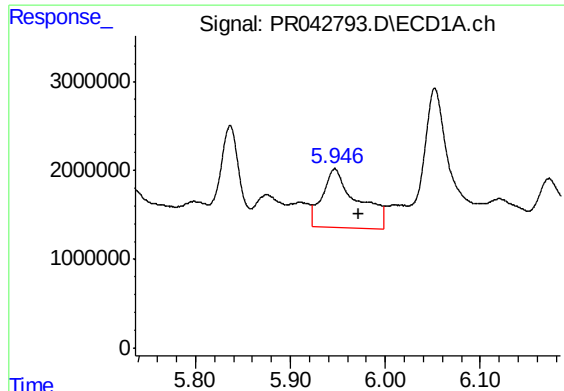
#4 AR-1016-2

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3801454
Conc: 15.26 ng/ml



#4 AR-1016-2

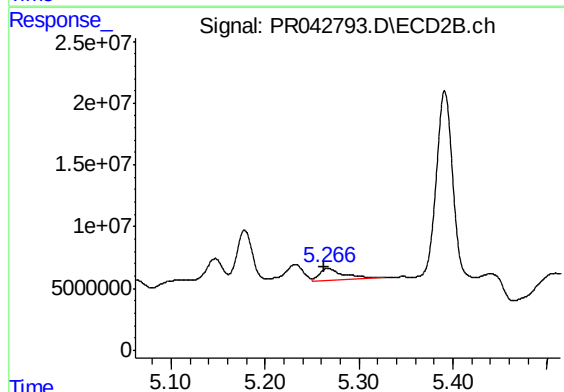
R.T.: 5.062 min
Delta R.T.: -0.023 min
Response: 7635666
Conc: 9.74 ng/ml



#5 AR-1016-3

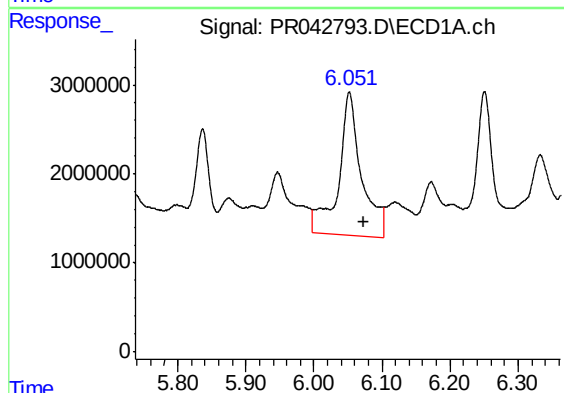
R.T.: 5.947 min
Delta R.T.: -0.026 min
Response: 16872200
Conc: 112.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



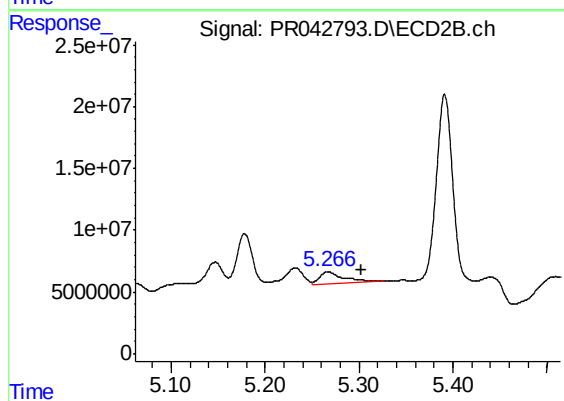
#5 AR-1016-3

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 16900617
Conc: 45.96 ng/ml



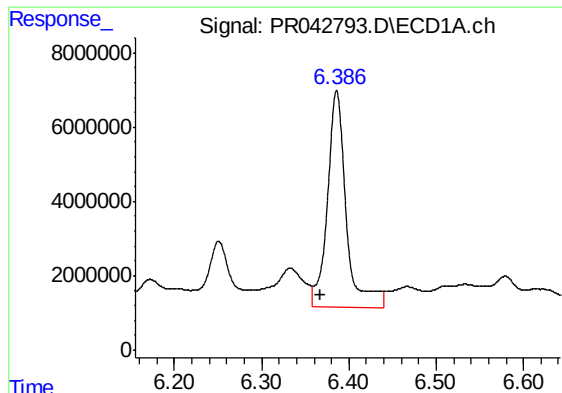
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.021 min
Response: 37554603
Conc: 299.24 ng/ml



#6 AR-1016-4

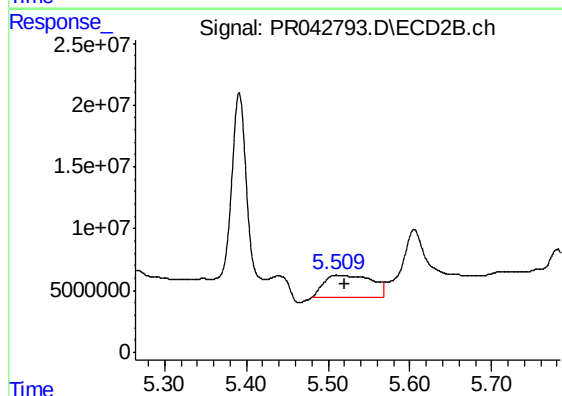
R.T.: 5.267 min
Delta R.T.: -0.036 min
Response: 16900617
Conc: 61.65 ng/ml



#7 AR-1016-5

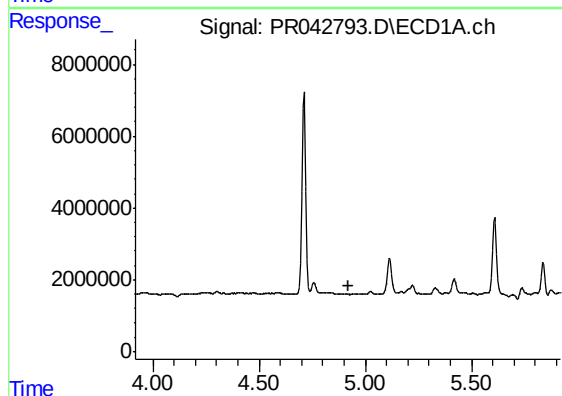
R.T.: 6.386 min
Delta R.T.: 0.019 min
Response: 87482158
Conc: 706.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



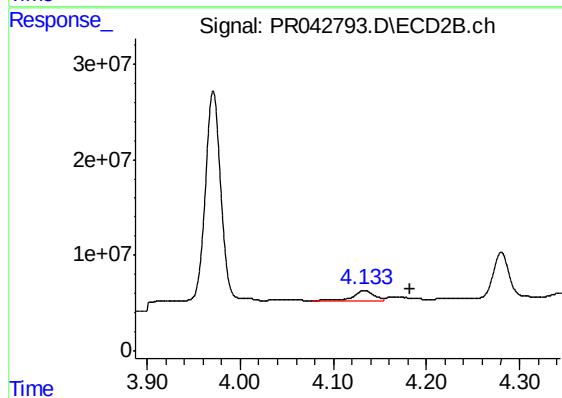
#7 AR-1016-5

R.T.: 5.510 min
Delta R.T.: -0.009 min
Response: 73118872
Conc: 238.32 ng/ml



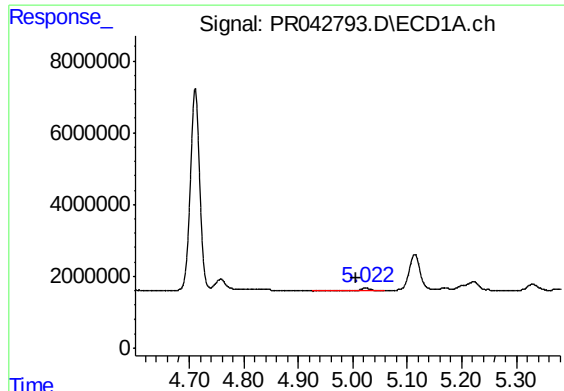
#8 AR-1221-1

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



#8 AR-1221-1

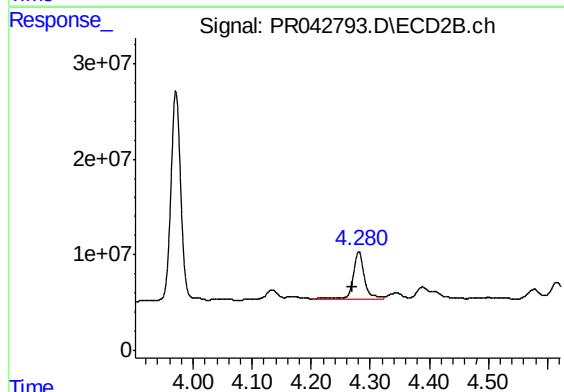
R.T.: 4.134 min
Delta R.T.: -0.049 min
Response: 18681697
Conc: 103.26 ng/ml



#9 AR-1221-2

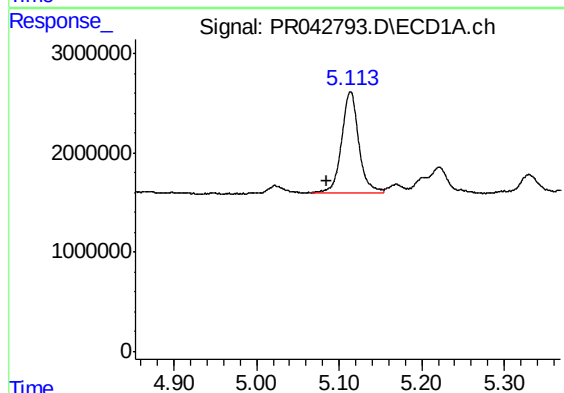
R.T.: 5.023 min
Delta R.T.: 0.017 min
Response: 1050638
Conc: 28.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



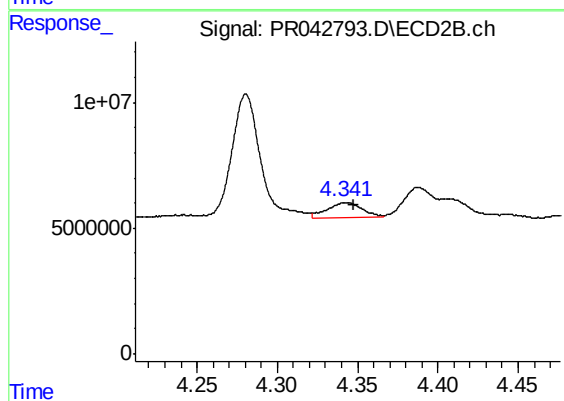
#9 AR-1221-2

R.T.: 4.281 min
Delta R.T.: 0.010 min
Response: 67710555
Conc: 512.00 ng/ml



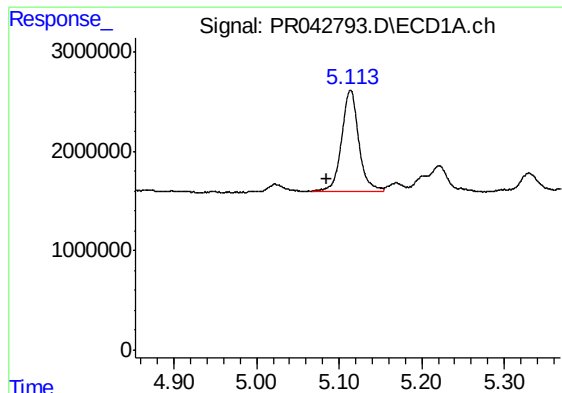
#10 AR-1221-3

R.T.: 5.114 min
Delta R.T.: 0.029 min
Response: 14891055
Conc: 128.91 ng/ml



#10 AR-1221-3

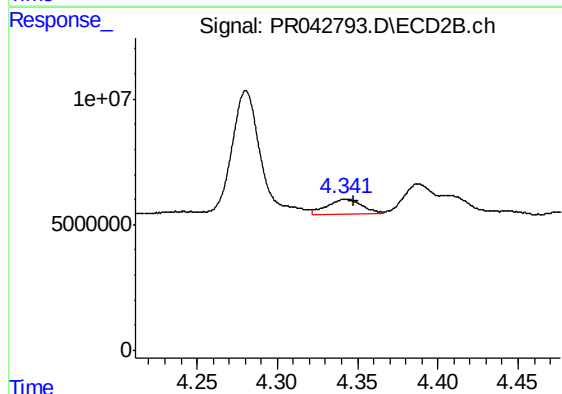
R.T.: 4.343 min
Delta R.T.: -0.005 min
Response: 9033129
Conc: 21.84 ng/ml



#11 AR-1232-1

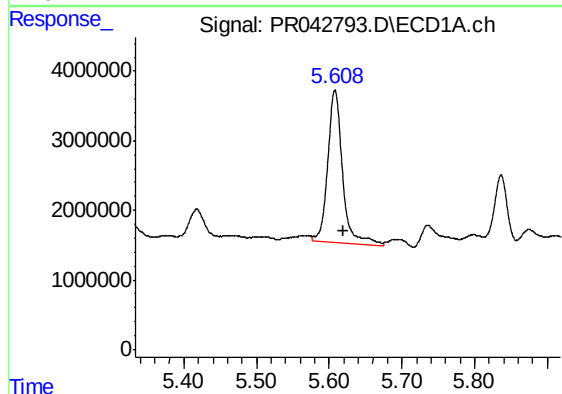
R.T.: 5.114 min
Delta R.T.: 0.029 min
Response: 14891055
Conc: 93.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



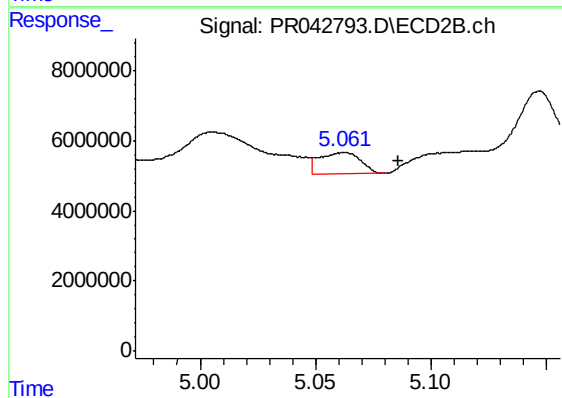
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: -0.005 min
Response: 9033129
Conc: 15.65 ng/ml



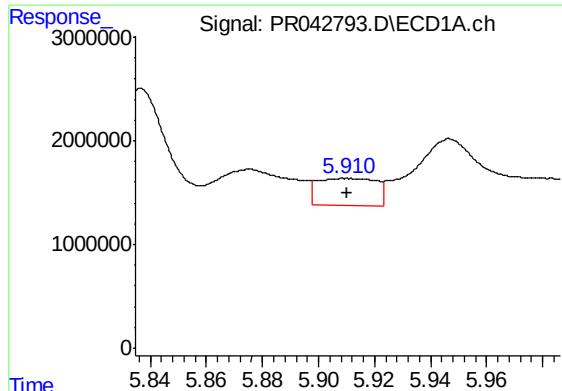
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: -0.011 min
Response: 31230212
Conc: 369.63 ng/ml



#12 AR-1232-2

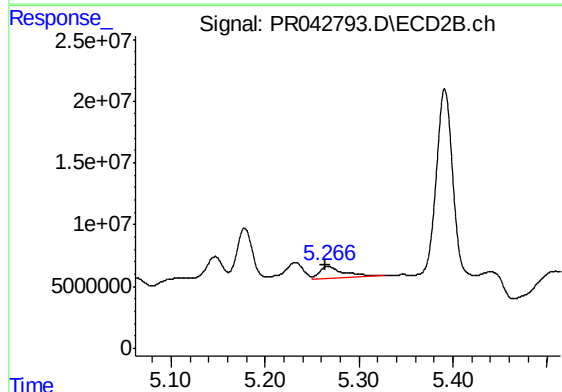
R.T.: 5.062 min
Delta R.T.: -0.024 min
Response: 7635666
Conc: 13.91 ng/ml



#13 AR-1232-3

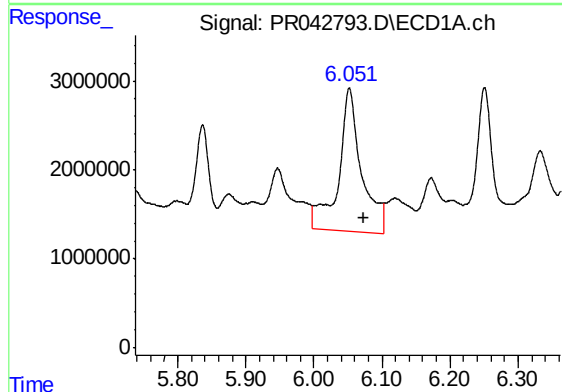
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3801454
Conc: 22.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



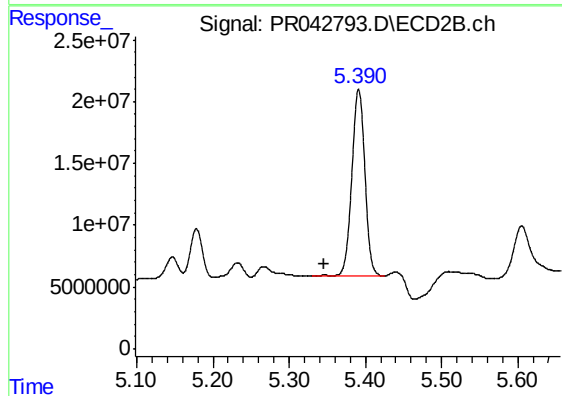
#13 AR-1232-3

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 16900617
Conc: 65.32 ng/ml



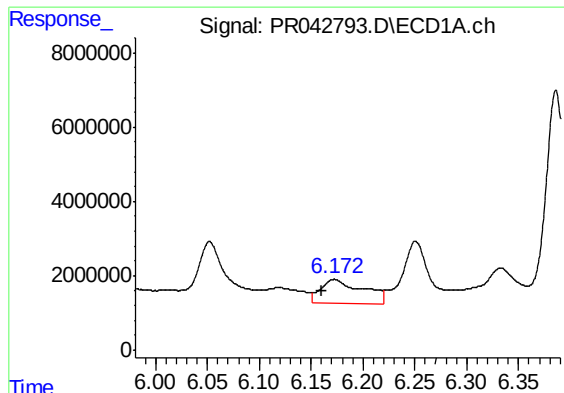
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.021 min
Response: 37554603
Conc: 439.15 ng/ml



#14 AR-1232-4

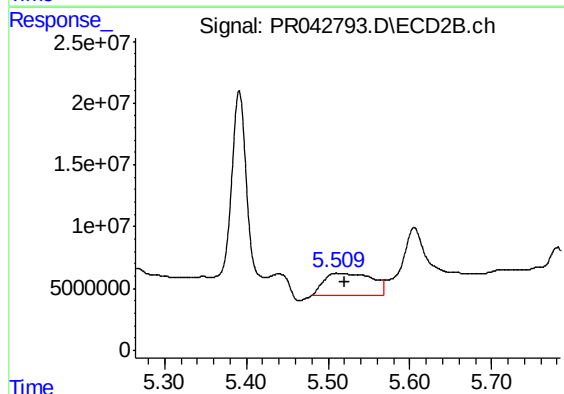
R.T.: 5.391 min
Delta R.T.: 0.045 min
Response: 181159010
Conc: 901.59 ng/ml



#15 AR-1232-5

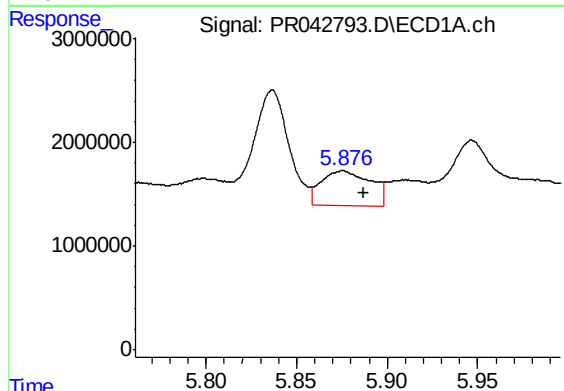
R.T.: 6.172 min
Delta R.T.: 0.012 min
Response: 18473256
Conc: 285.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



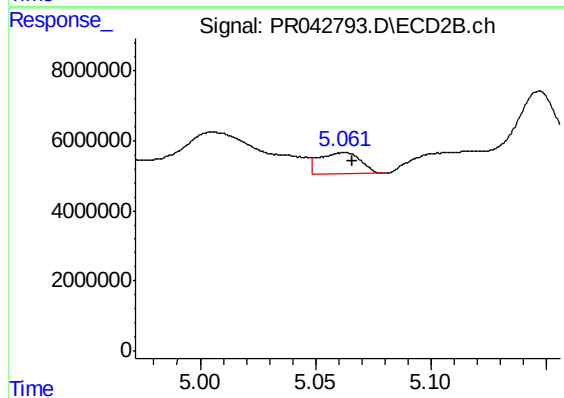
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.010 min
Response: 73118872
Conc: 360.14 ng/ml



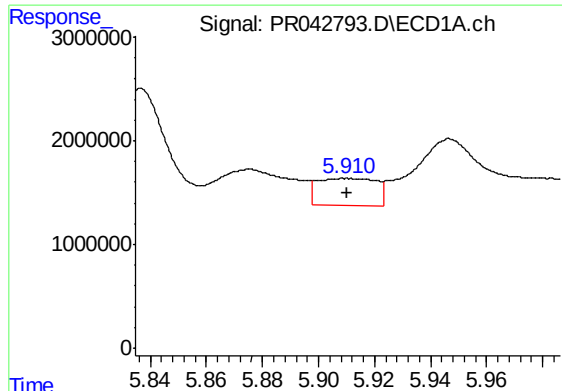
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: -0.012 min
Response: 6280933
Conc: 49.27 ng/ml



#16 AR-1242-1

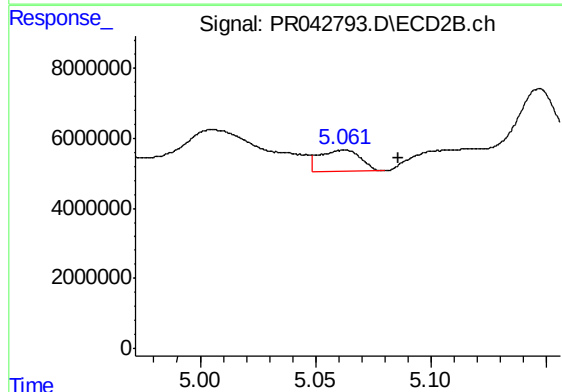
R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 7635666
Conc: 18.30 ng/ml



#17 AR-1242-2

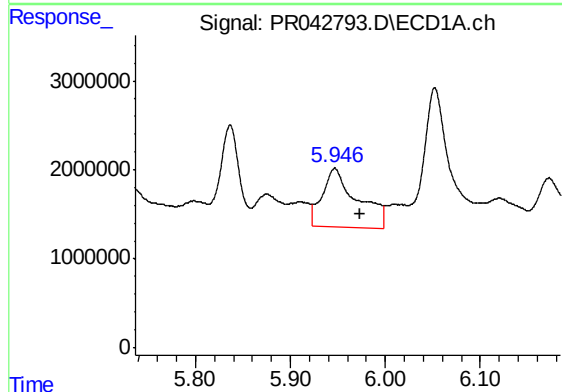
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3801454
Conc: 21.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



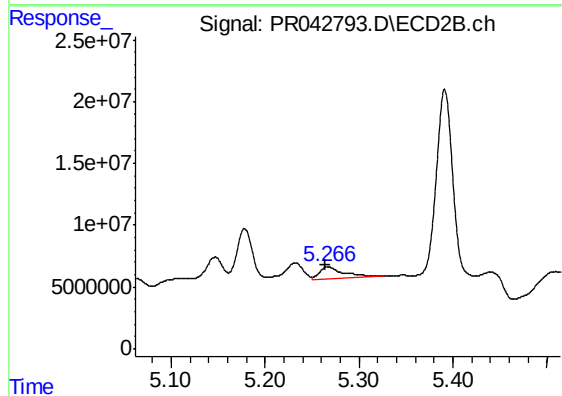
#17 AR-1242-2

R.T.: 5.062 min
Delta R.T.: -0.023 min
Response: 7635666
Conc: 13.57 ng/ml



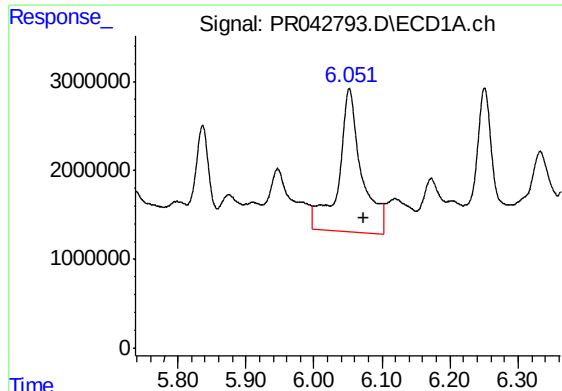
#18 AR-1242-3

R.T.: 5.947 min
Delta R.T.: -0.026 min
Response: 16872200
Conc: 156.13 ng/ml



#18 AR-1242-3

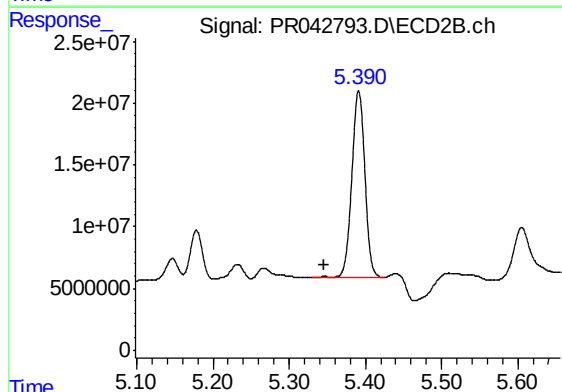
R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 16900617
Conc: 62.22 ng/ml



#19 AR-1242-4

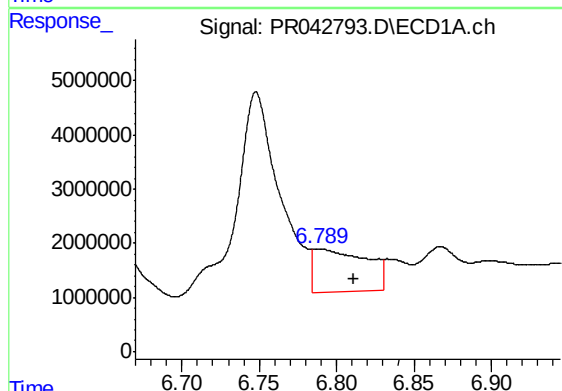
R.T.: 6.052 min
Delta R.T.: -0.021 min
Response: 37554603
Conc: 416.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



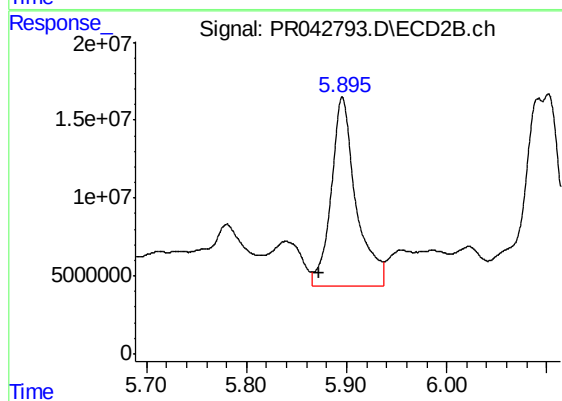
#19 AR-1242-4

R.T.: 5.391 min
Delta R.T.: 0.044 min
Response: 181159010
Conc: 768.66 ng/ml



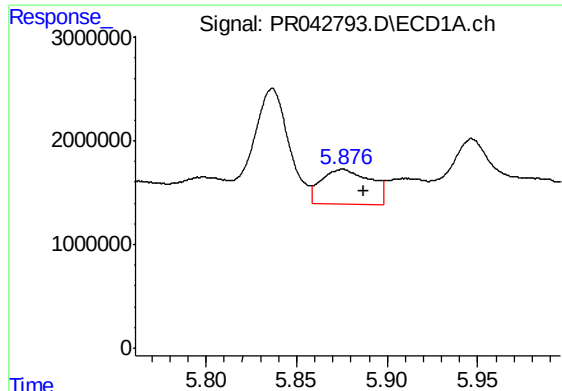
#20 AR-1242-5

R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 18768483
Conc: 187.75 ng/ml



#20 AR-1242-5

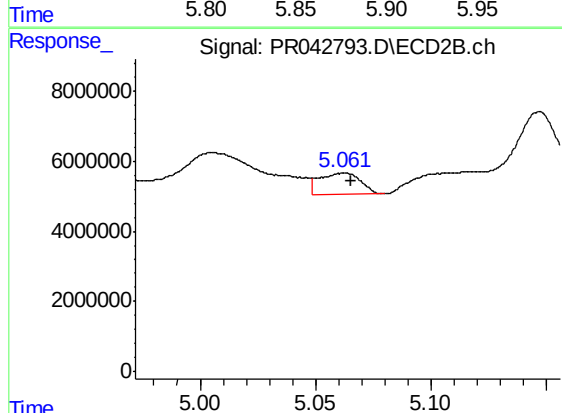
R.T.: 5.896 min
Delta R.T.: 0.023 min
Response: 208372994
Conc: 706.51 ng/ml



#21 AR-1248-1

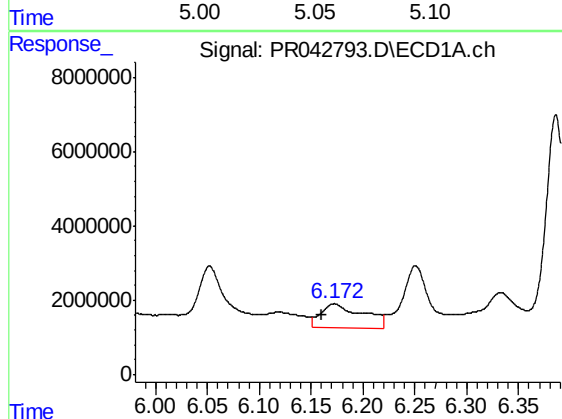
R.T.: 5.875 min
Delta R.T.: -0.012 min
Response: 6280933
Conc: 66.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



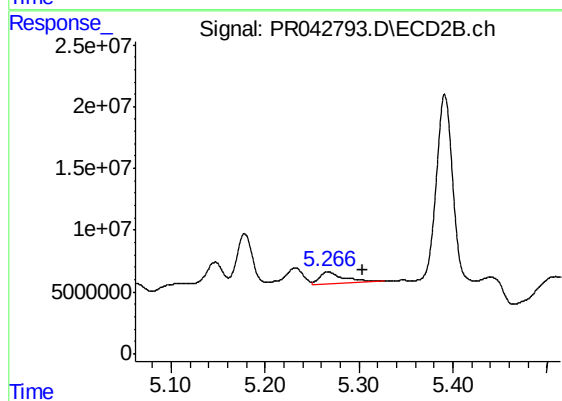
#21 AR-1248-1

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 7635666
Conc: 24.17 ng/ml



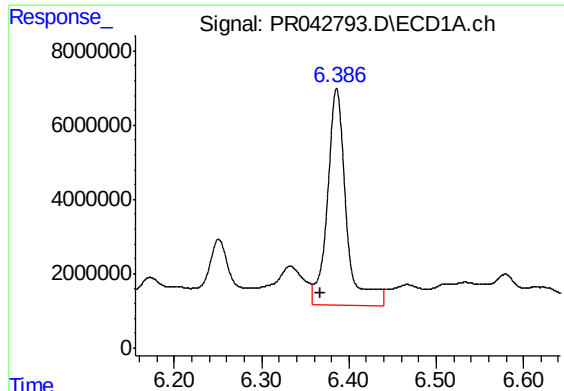
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: 0.012 min
Response: 18473256
Conc: 140.18 ng/ml



#22 AR-1248-2

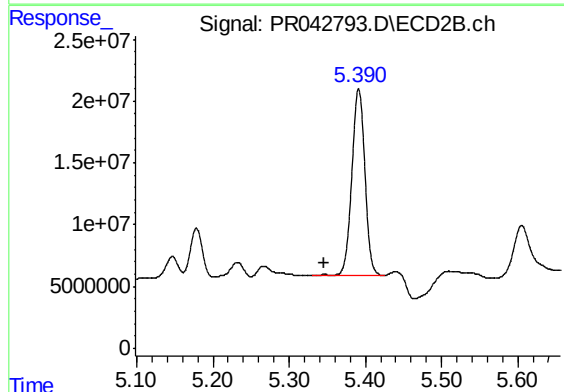
R.T.: 5.267 min
Delta R.T.: -0.037 min
Response: 16900617
Conc: 50.93 ng/ml



#23 AR-1248-3

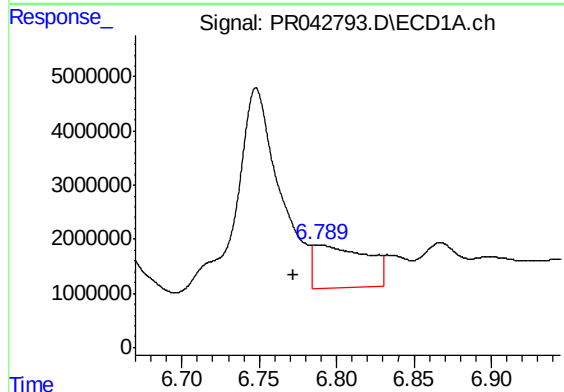
R.T.: 6.386 min
Delta R.T.: 0.019 min
Response: 87482158
Conc: 590.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



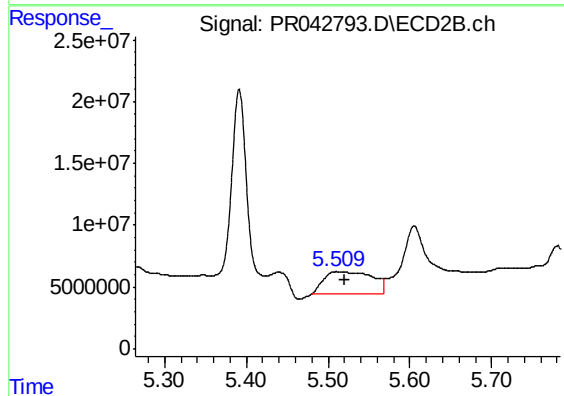
#23 AR-1248-3

R.T.: 5.391 min
Delta R.T.: 0.045 min
Response: 181159010
Conc: 552.05 ng/ml



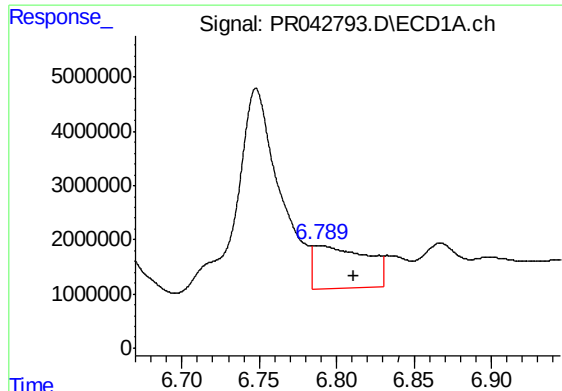
#24 AR-1248-4

R.T.: 6.789 min
Delta R.T.: 0.017 min
Response: 18768483
Conc: 109.91 ng/ml



#24 AR-1248-4

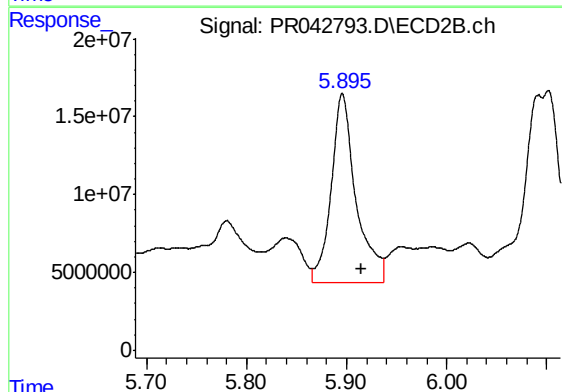
R.T.: 5.510 min
Delta R.T.: -0.009 min
Response: 73118872
Conc: 203.78 ng/ml



#25 AR-1248-5

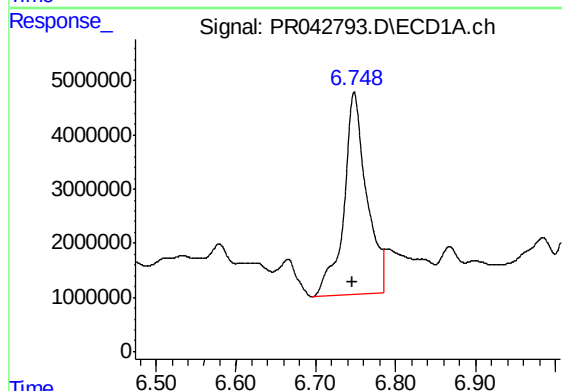
R.T.: 6.789 min
Delta R.T.: -0.022 min
Response: 18768483
Conc: 115.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



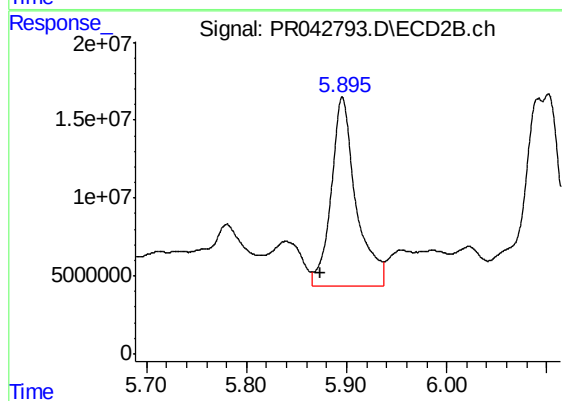
#25 AR-1248-5

R.T.: 5.896 min
Delta R.T.: -0.019 min
Response: 208372994
Conc: 537.54 ng/ml



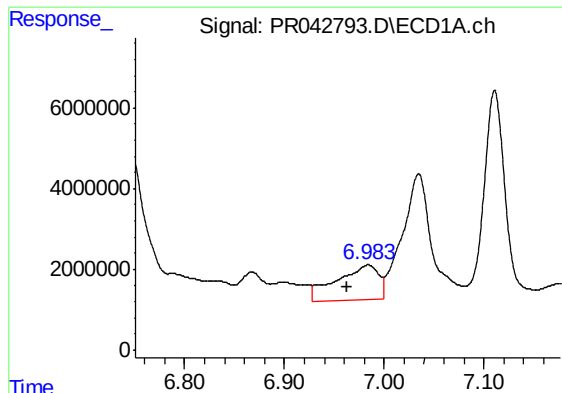
#26 AR-1254-1

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 73823061
Conc: 395.48 ng/ml



#26 AR-1254-1

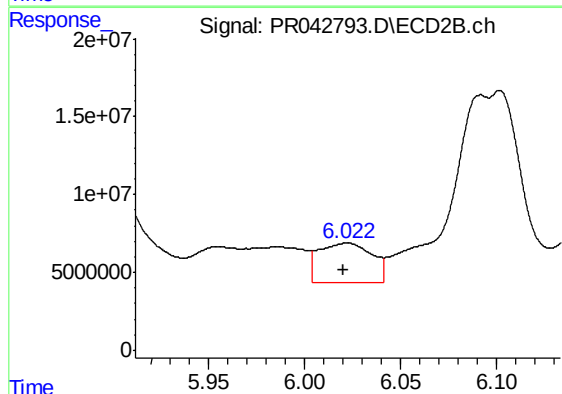
R.T.: 5.896 min
Delta R.T.: 0.022 min
Response: 208372994
Conc: 330.66 ng/ml



#27 AR-1254-2

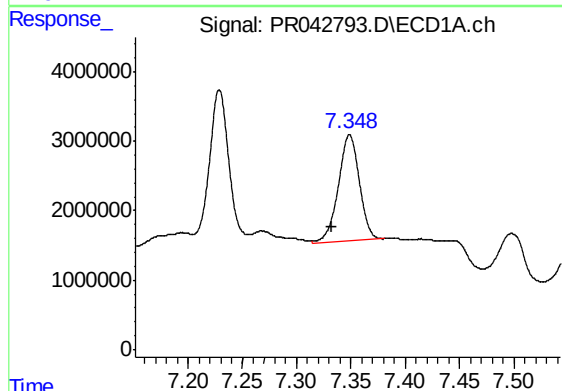
R.T.: 6.984 min
Delta R.T.: 0.021 min
Response: 25094157
Conc: 85.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



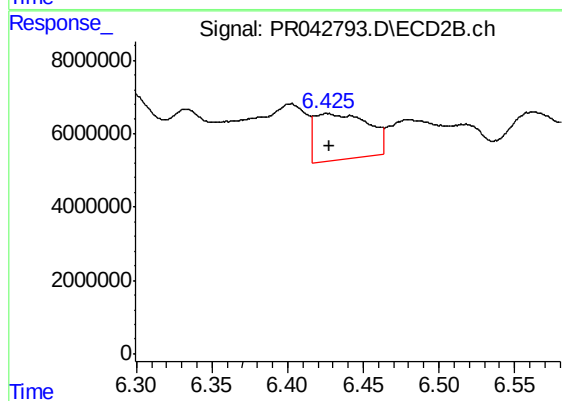
#27 AR-1254-2

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 48925968
Conc: 83.74 ng/ml



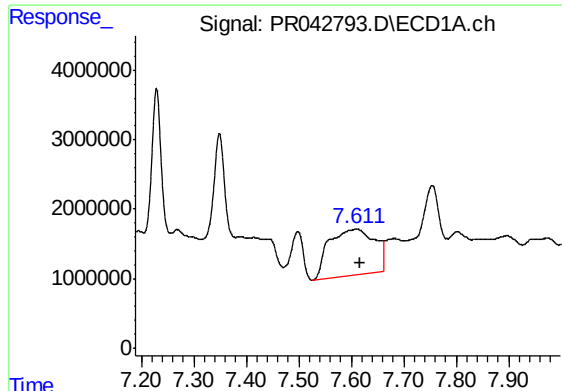
#28 AR-1254-3

R.T.: 7.349 min
Delta R.T.: 0.016 min
Response: 20525453
Conc: 65.17 ng/ml



#28 AR-1254-3

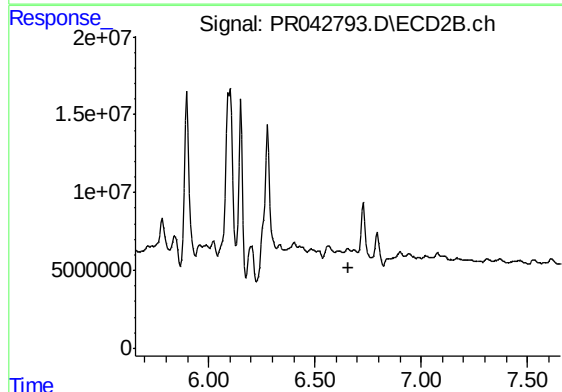
R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 30683740
Conc: 29.82 ng/ml



#29 AR-1254-4

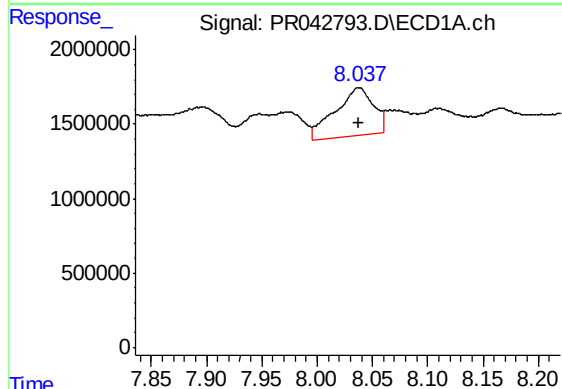
R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 40253595
Conc: 171.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



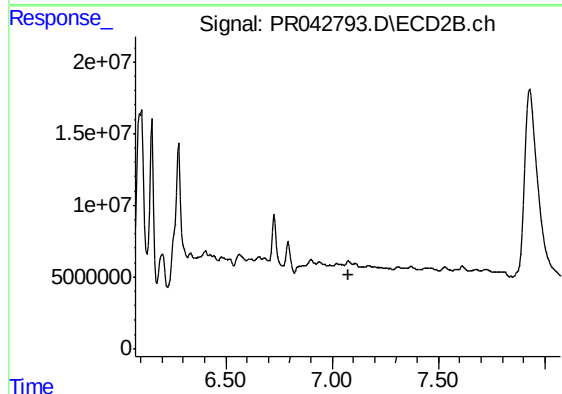
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.655 min
Response: 0
Conc: N.D.



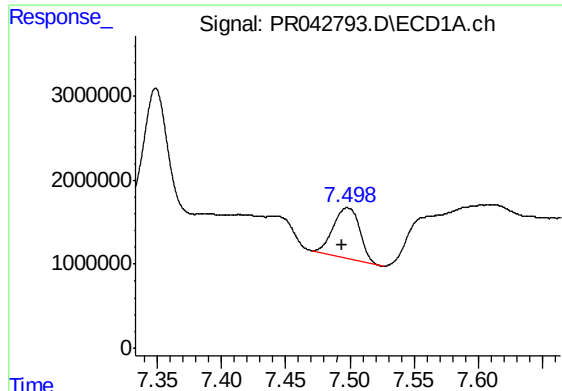
#30 AR-1254-5

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 7721974
Conc: 30.71 ng/ml



#30 AR-1254-5

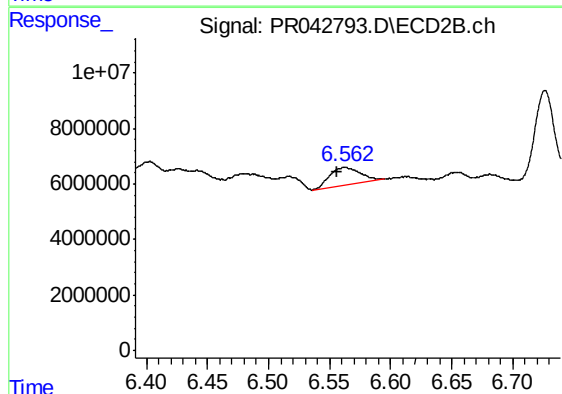
R.T.: 0.000 min
Exp R.T. : 7.074 min
Response: 0
Conc: N.D.



#31 AR-1260-1

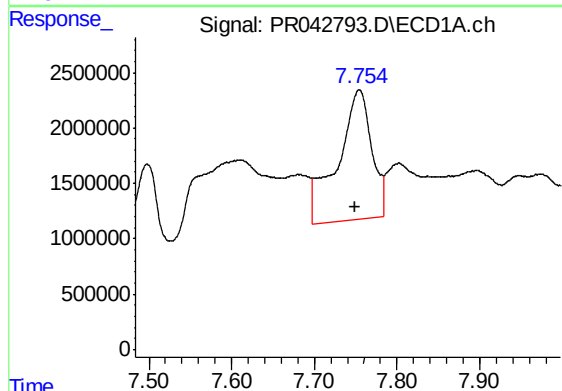
R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 8638639
Conc: 41.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



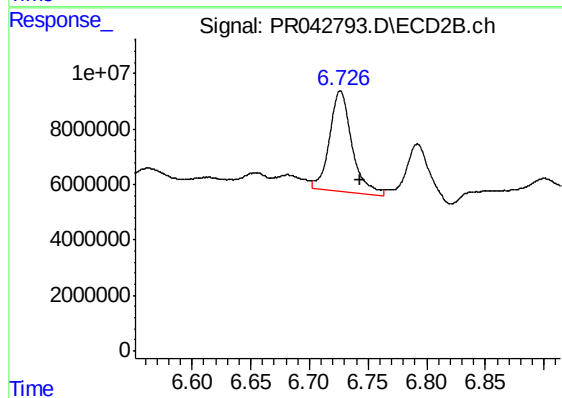
#31 AR-1260-1

R.T.: 6.563 min
Delta R.T.: 0.006 min
Response: 11126063
Conc: 18.36 ng/ml



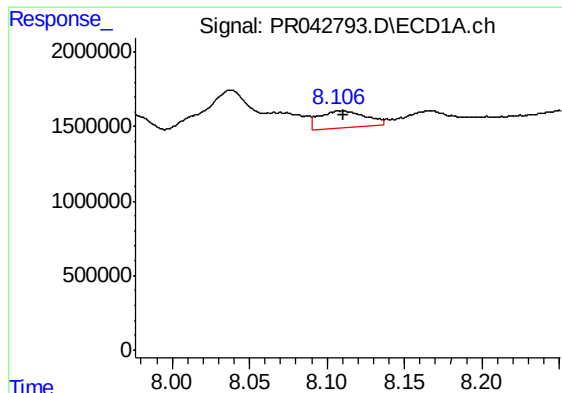
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: 0.005 min
Response: 33405576
Conc: 136.64 ng/ml



#32 AR-1260-2

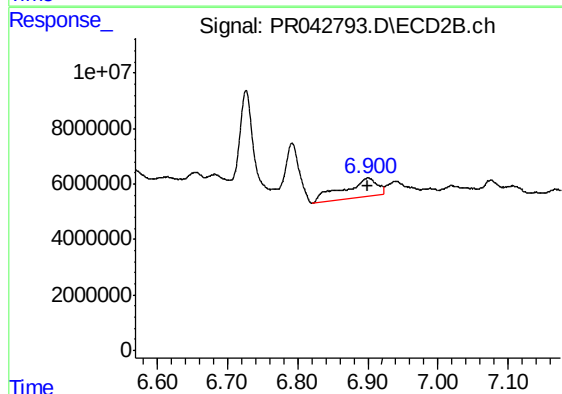
R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 48780691
Conc: 56.41 ng/ml



#33 AR-1260-3

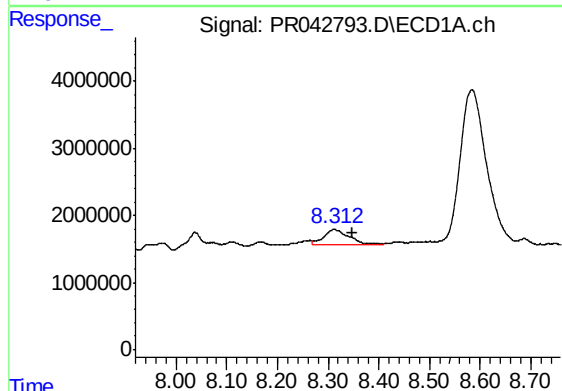
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 2378568
Conc: 13.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



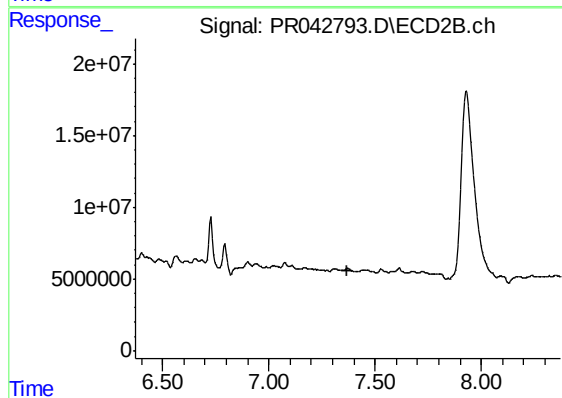
#33 AR-1260-3

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 23448217
Conc: 33.02 ng/ml



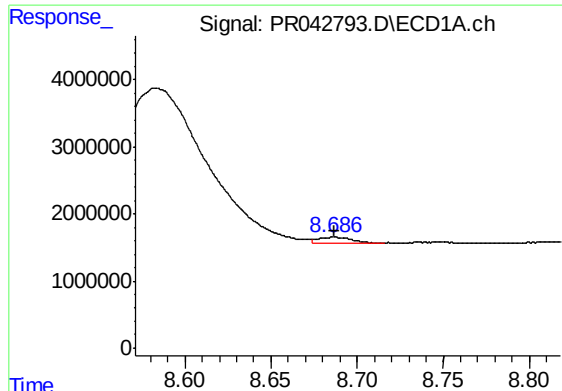
#34 AR-1260-4

R.T.: 8.313 min
Delta R.T.: -0.037 min
Response: 8089123
Conc: 38.76 ng/ml



#34 AR-1260-4

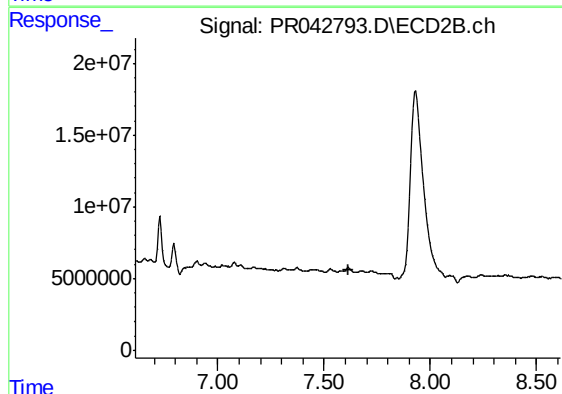
R.T.: 0.000 min
Exp R.T. : 7.373 min
Response: 0
Conc: N.D.



#35 AR-1260-5

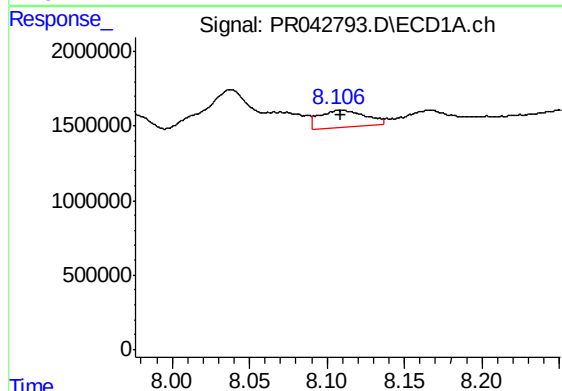
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 1357678
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



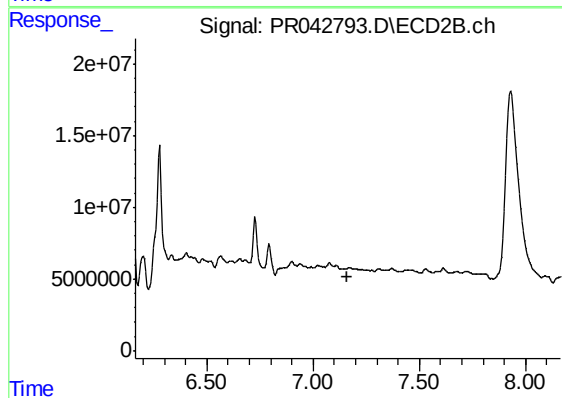
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.612 min
Response: 0
Conc: N.D.



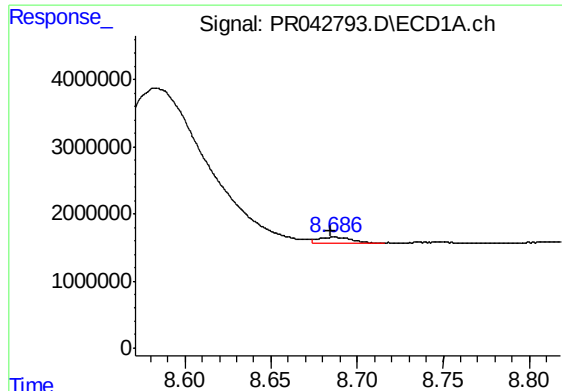
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 2378568
Conc: 8.06 ng/ml



#36 AR-1262-1

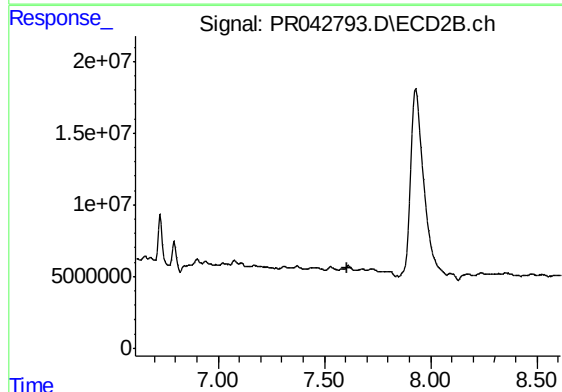
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.



#37 AR-1262-2

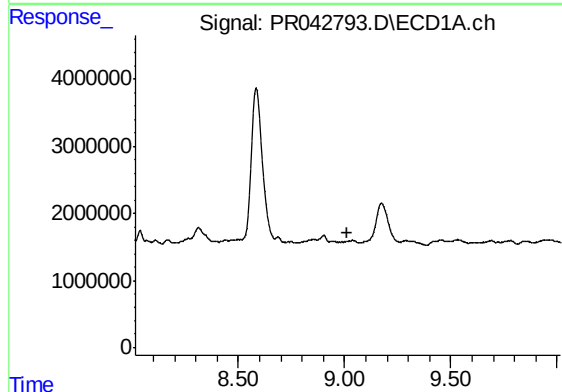
R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 1357678
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



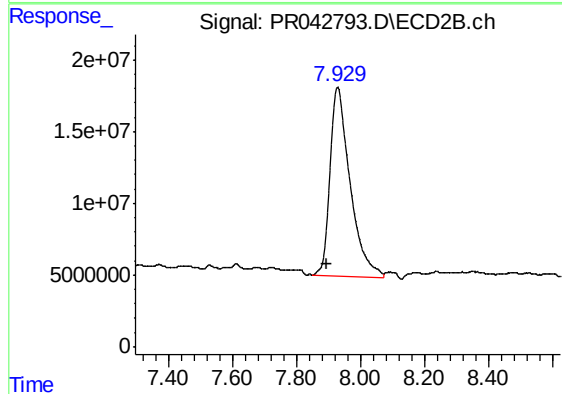
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.611 min
Response: 0
Conc: N.D.



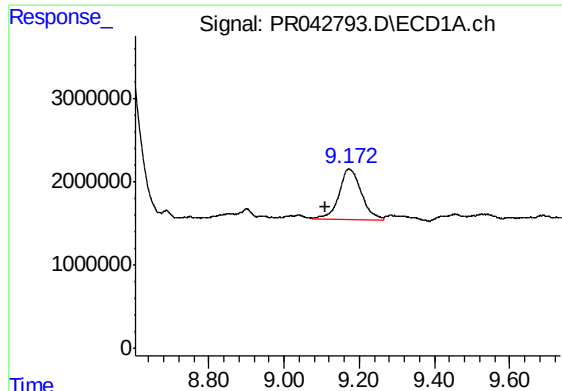
#38 AR-1262-3

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



#38 AR-1262-3

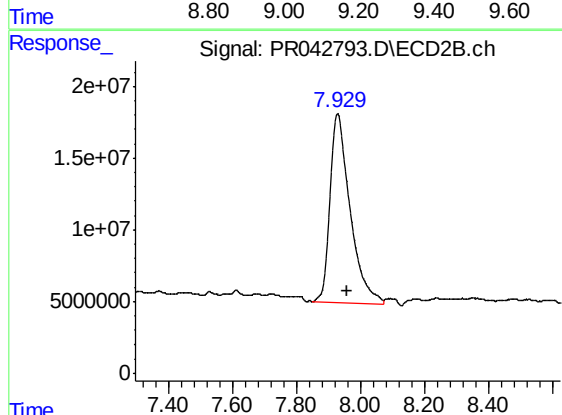
R.T.: 7.929 min
Delta R.T.: 0.033 min
Response: 576603396
Conc: 687.51 ng/ml



#39 AR-1262-4

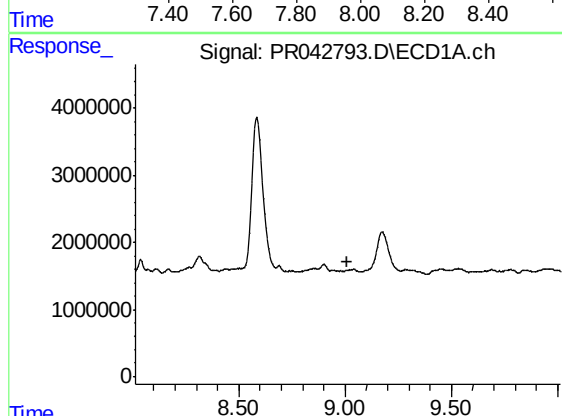
R.T.: 9.173 min
Delta R.T.: 0.061 min
Response: 24596691
Conc: 181.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



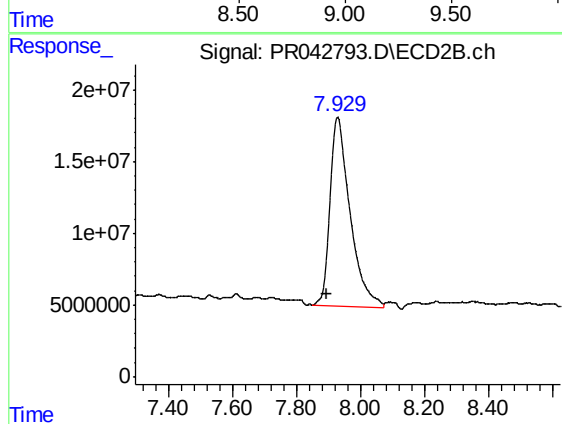
#39 AR-1262-4

R.T.: 7.929 min
Delta R.T.: -0.031 min
Response: 576603396
Conc: 408.74 ng/ml



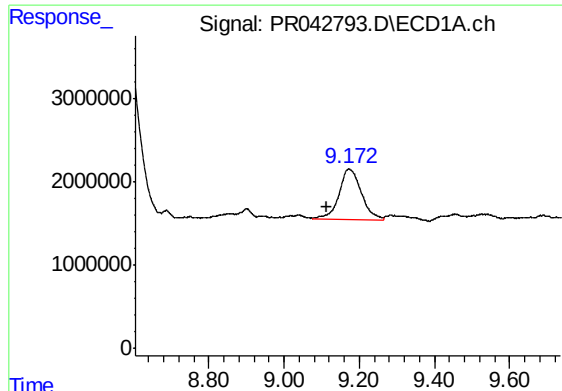
#41 AR-1268-1

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



#41 AR-1268-1

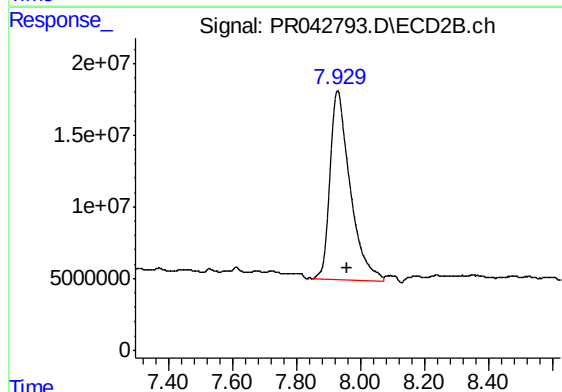
R.T.: 7.929 min
Delta R.T.: 0.034 min
Response: 576603396
Conc: 237.46 ng/ml



#42 AR-1268-2

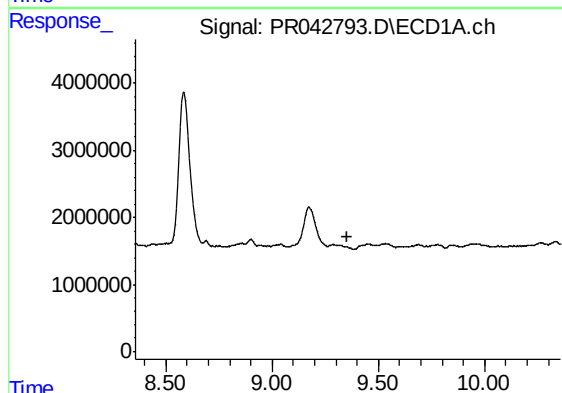
R.T.: 9.173 min
Delta R.T.: 0.058 min
Response: 24596691
Conc: 42.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-03-ARE



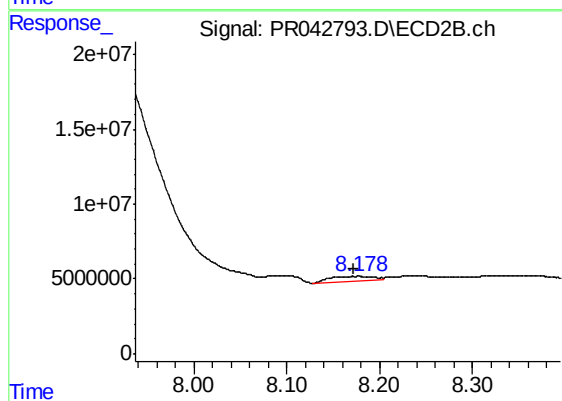
#42 AR-1268-2

R.T.: 7.929 min
Delta R.T.: -0.032 min
Response: 576603396
Conc: 268.39 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.356 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 8.178 min
Delta R.T.: 0.006 min
Response: 10900226
Conc: 6.01 ng/ml