

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091922\
 Data File : PR056843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2022 03:20
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 03:56:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 2022
 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...	3.623	2.892	261.7E6	90864599	54.477	51.841
2)	SA Decachlor...	9.507	8.096	114.8E6	91725660	57.868	55.131
Target Compounds							
3)	L1 AR-1016-1	4.843	3.996	42148213	16893048	336.432	315.249
4)	L1 AR-1016-2	4.865	4.012	50631652	18700410	278.495	232.706
5)	L1 AR-1016-3	4.929	4.190	24085936	12253634	225.773	282.394 #
6)	L1 AR-1016-4	5.029	4.240	26554551	23031846	306.799	726.630 #
7)	L1 AR-1016-5	5.346	4.454	60533401	26257571	797.974	622.095
8)	L2 AR-1221-1	3.841	3.112	403153	290726	7.482	14.538 #
9)	L2 AR-1221-2	3.933	3.192	3506840	1374981	89.490	91.016
10)	L2 AR-1221-3	4.011	3.275	4300232	1660259	36.164	35.644
11)	L3 AR-1232-1	4.011	3.275	4300232	1660259	44.706	44.011
12)	L3 AR-1232-2	4.558	4.012	19581549	18700410	445.019	532.440
13)	L3 AR-1232-3	4.865	4.190	50631652	12253634	630.531	670.798
14)	L3 AR-1232-4	5.029	4.281	26554551	19133472	706.809	1277.526 #
15)	L3 AR-1232-5	5.135	4.454	52001228	26257571	2030.038	1506.535 #
16)	L4 AR-1242-1	4.843	3.996	42148213	16893048	402.534	376.329
17)	L4 AR-1242-2	4.865	4.012	50631652	18700410	333.094	283.228
18)	L4 AR-1242-3	4.929	4.190	24085936	12253634	268.471	338.275 #
19)	L4 AR-1242-4	5.029	4.281	26554551	19133472	365.983	591.560 #
20)	L4 AR-1242-5	5.818	4.821	58566556	44345540	878.656	1059.736
21)	L5 AR-1248-1	4.843	3.996	42148213	16893048	521.652	484.360
22)	L5 AR-1248-2	5.135	4.240	52001228	23031846	542.283	488.544
23)	L5 AR-1248-3	5.346	4.281	60533401	19133472	566.957	395.193 #
24)	L5 AR-1248-4	5.779	4.454	48334665	26257571	438.108	446.491
25)	L5 AR-1248-5	5.818	4.862	58566556	36159354	532.931	595.838
26)	L6 AR-1254-1	5.749	4.821	54206421	44345540	511.021	504.257
27)	L6 AR-1254-2	5.986	4.979	58063566	16705012	371.820	217.704 #
28)	L6 AR-1254-3	6.378	5.396	34093883	21407168	222.904	169.231
29)	L6 AR-1254-4	6.691	5.641	17096251	13085176	147.014	164.612
30)	L6 AR-1254-5	7.144	6.082	5269307	3950089	44.911	35.733
31)	L7 AR-1260-1	6.558	5.543	3430871	7645593	30.872	93.218 #
32)	L7 AR-1260-2	6.840	5.740	2305653	1637468	17.341	16.075
33)	L7 AR-1260-3	7.206f	5.893	496814	2822205	5.064	29.817 #
34)	L7 AR-1260-4	7.453f	6.397	2420964	338900	22.348	4.223 #
35)	L7 AR-1260-5	7.813	6.662	1988390	745176	9.482	3.897 #
36)	L8 AR-1262-1	7.206f	6.152f	496814	434366	3.731	4.045
37)	L8 AR-1262-2	7.813	6.397	1988390	338900	8.750	3.423 #
38)	L8 AR-1262-3	8.126	6.967	1018385	322929	6.512	4.066 #
39)	L8 AR-1262-4	8.199	7.029	2378306	883748	34.557	5.737 #
40)	L8 AR-1262-5	0.000	7.569	0	275423	N.D.	3.788 #
41)	L9 AR-1268-1	8.126	6.967	1018385	322929	3.676	1.383 #

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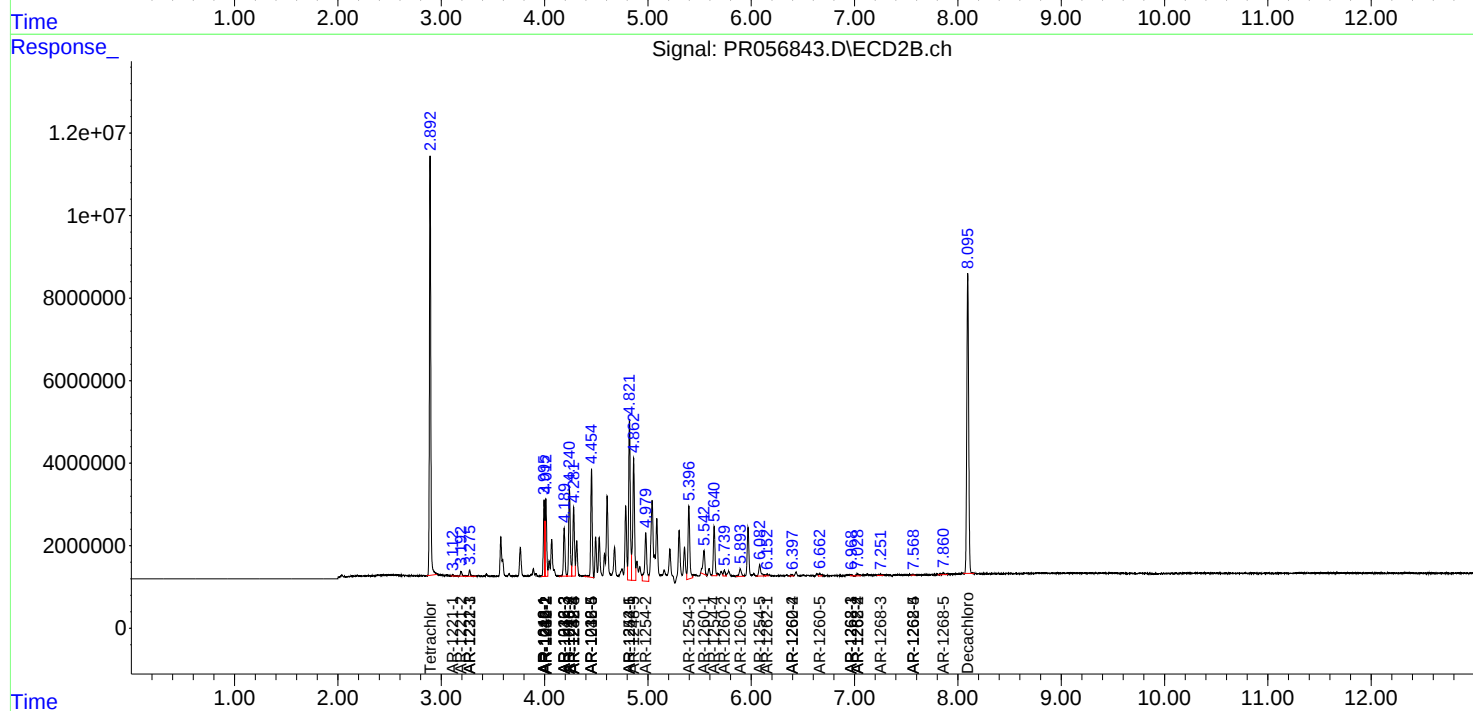
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

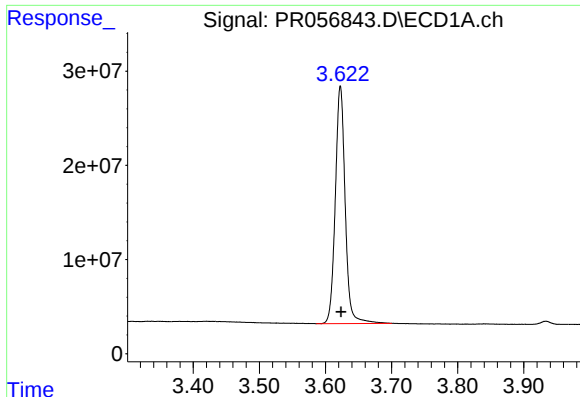
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.199	7.029	2378306	883748	9.144	4.019 #
43) L9	AR-1268-3	8.418	7.249	634604	220548	2.876	1.192 #
44) L9	AR-1268-4	0.000	7.569	0	275423	N.D.	3.371 #
45) L9	AR-1268-5	9.200	7.861	858606	845760	1.201	1.386

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

Instrument :
ECD_R
ClientSampleId :

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

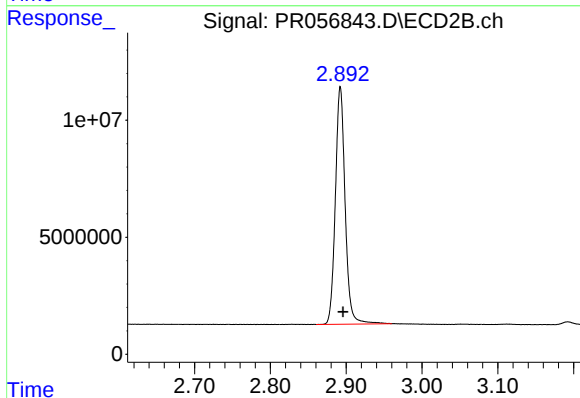




#1 Tetrachloro-m-xylene

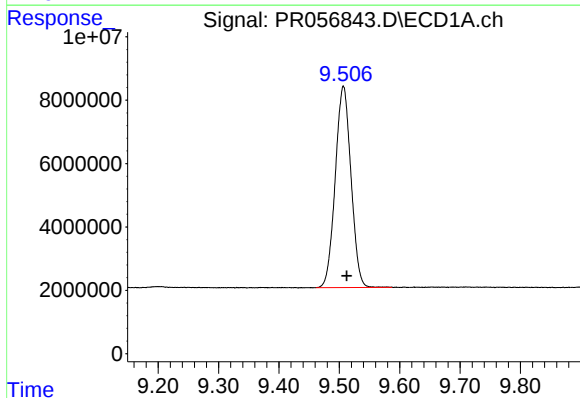
R.T.: 3.623 min
Delta R.T.: -0.001 min
Response: 261745413
Conc: 54.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



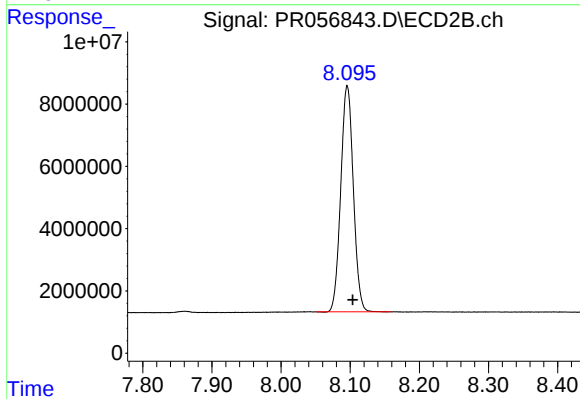
#1 Tetrachloro-m-xylene

R.T.: 2.892 min
Delta R.T.: -0.004 min
Response: 90864599
Conc: 51.84 ng/ml



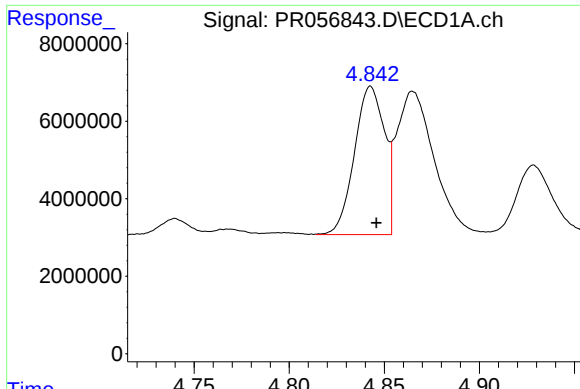
#2 Decachlorobiphenyl

R.T.: 9.507 min
Delta R.T.: -0.006 min
Response: 114829931
Conc: 57.87 ng/ml



#2 Decachlorobiphenyl

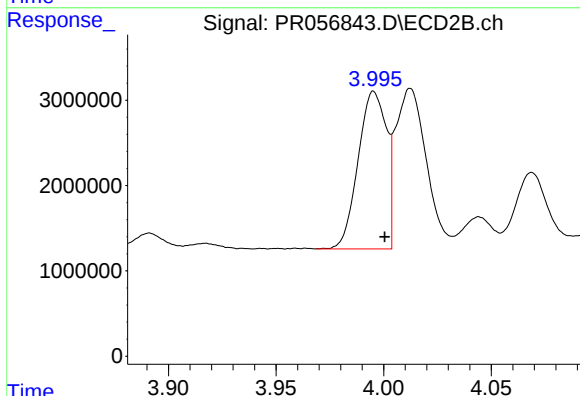
R.T.: 8.096 min
Delta R.T.: -0.008 min
Response: 91725660
Conc: 55.13 ng/ml



#3 AR-1016-1

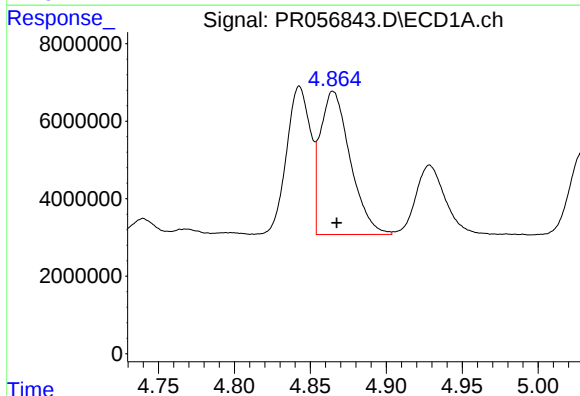
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 42148213
Conc: 336.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



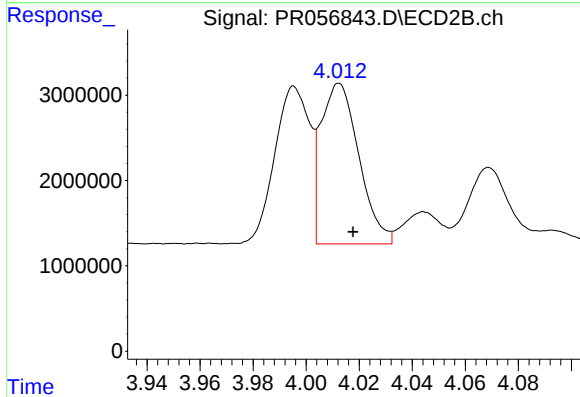
#3 AR-1016-1

R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 16893048
Conc: 315.25 ng/ml



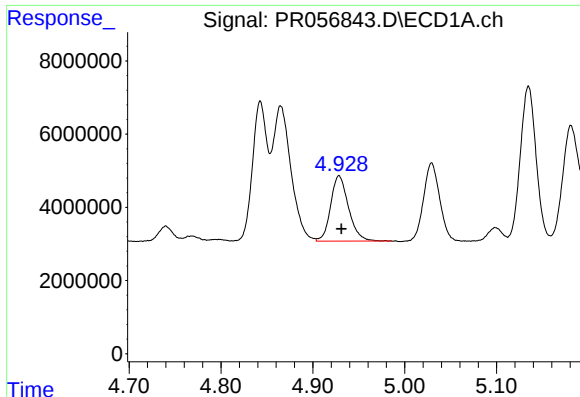
#4 AR-1016-2

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 50631652
Conc: 278.49 ng/ml



#4 AR-1016-2

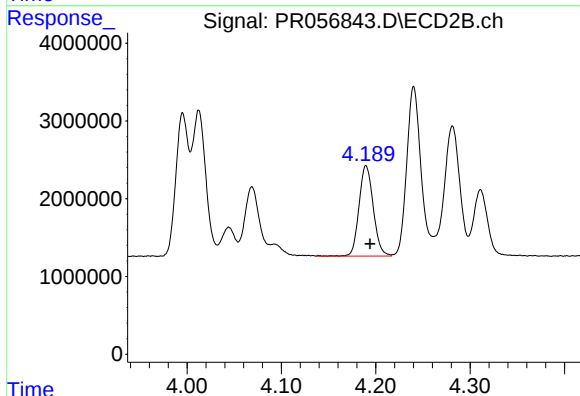
R.T.: 4.012 min
Delta R.T.: -0.005 min
Response: 18700410
Conc: 232.71 ng/ml



#5 AR-1016-3

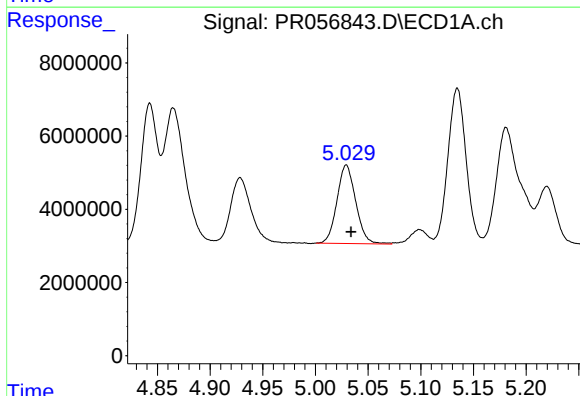
R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 24085936
Conc: 225.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



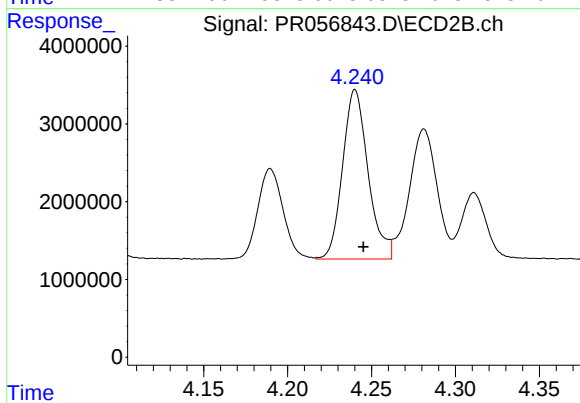
#5 AR-1016-3

R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 12253634
Conc: 282.39 ng/ml



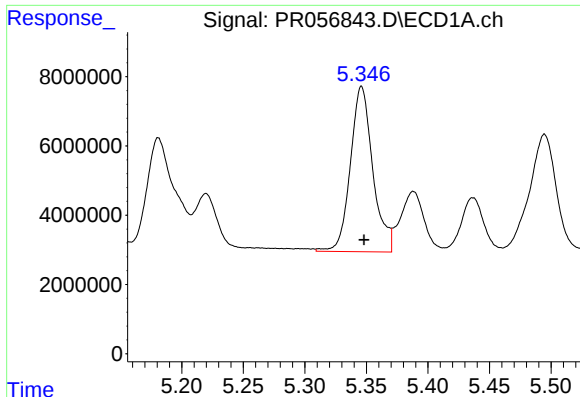
#6 AR-1016-4

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 26554551
Conc: 306.80 ng/ml



#6 AR-1016-4

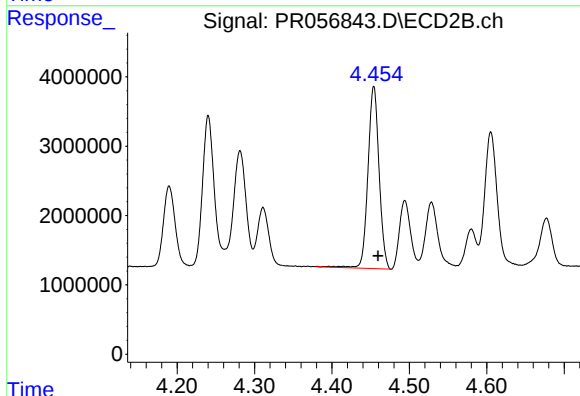
R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 23031846
Conc: 726.63 ng/ml



#7 AR-1016-5

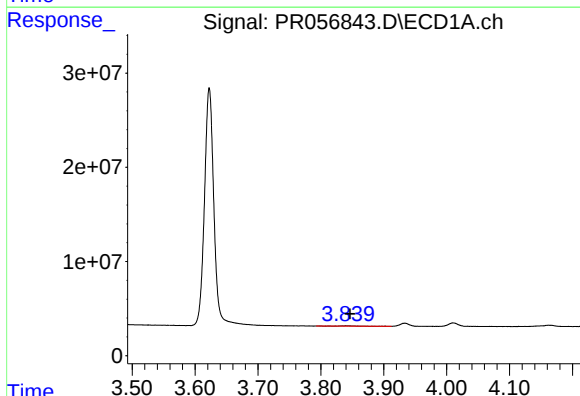
R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 60533401
Conc: 797.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



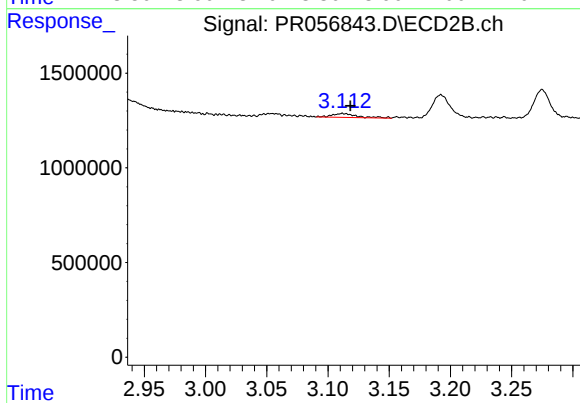
#7 AR-1016-5

R.T.: 4.454 min
Delta R.T.: -0.005 min
Response: 26257571
Conc: 622.10 ng/ml



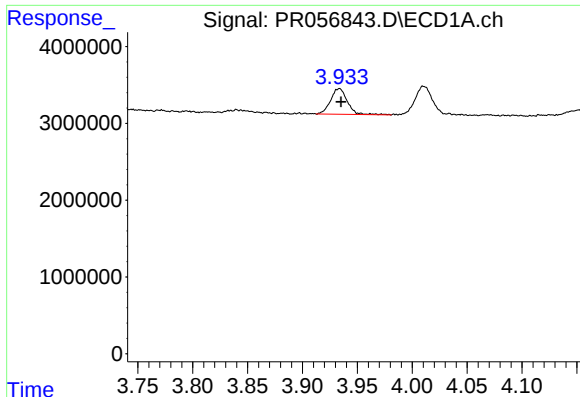
#8 AR-1221-1

R.T.: 3.841 min
Delta R.T.: -0.006 min
Response: 403153
Conc: 7.48 ng/ml



#8 AR-1221-1

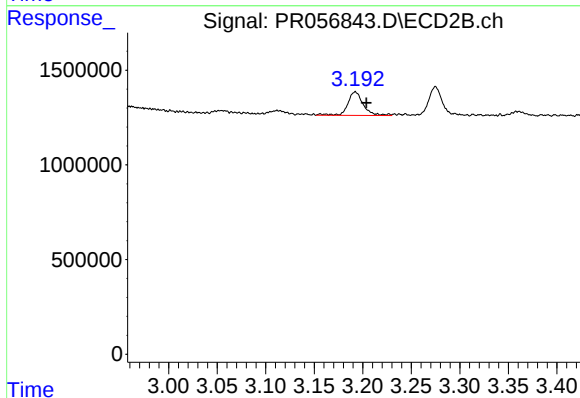
R.T.: 3.112 min
Delta R.T.: -0.006 min
Response: 290726
Conc: 14.54 ng/ml



#9 AR-1221-2

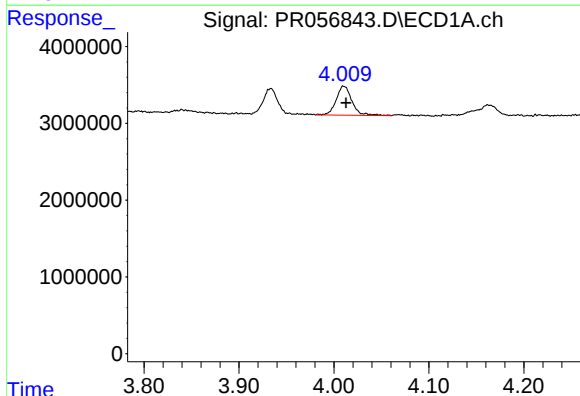
R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 3506840
Conc: 89.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



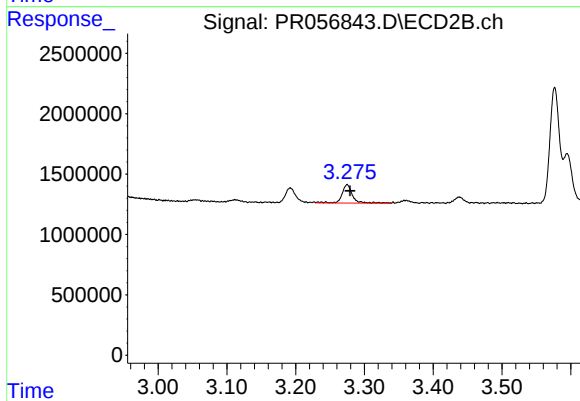
#9 AR-1221-2

R.T.: 3.192 min
Delta R.T.: -0.011 min
Response: 1374981
Conc: 91.02 ng/ml



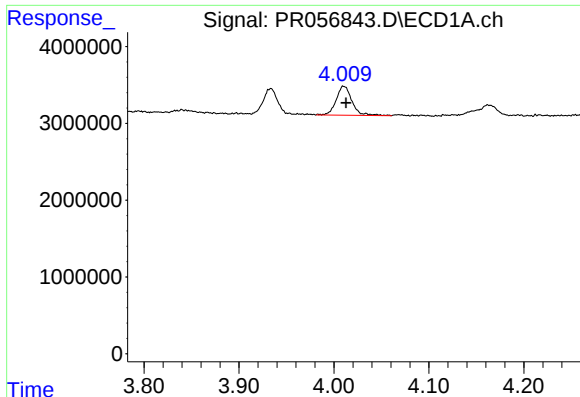
#10 AR-1221-3

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 4300232
Conc: 36.16 ng/ml



#10 AR-1221-3

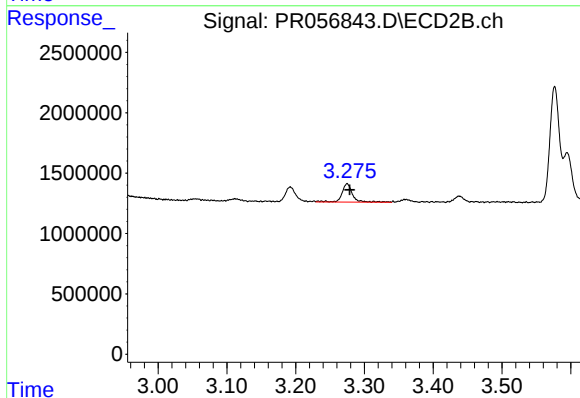
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 1660259
Conc: 35.64 ng/ml



#11 AR-1232-1

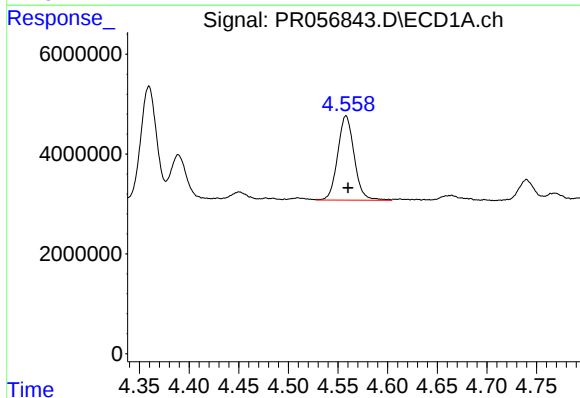
R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 4300232
Conc: 44.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



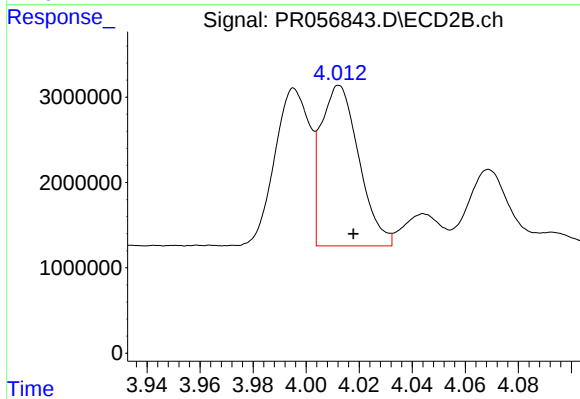
#11 AR-1232-1

R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 1660259
Conc: 44.01 ng/ml



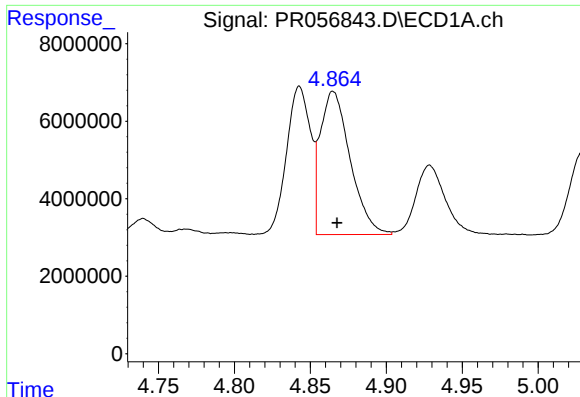
#12 AR-1232-2

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 19581549
Conc: 445.02 ng/ml



#12 AR-1232-2

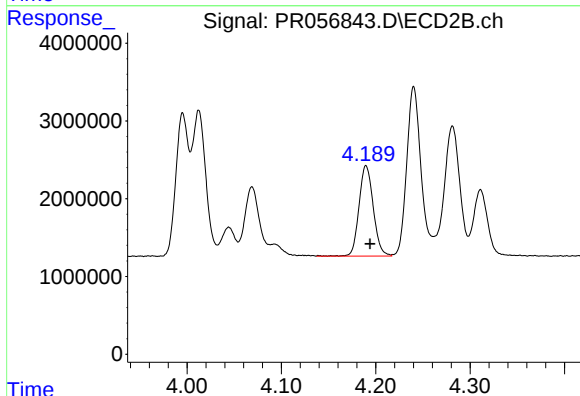
R.T.: 4.012 min
Delta R.T.: -0.005 min
Response: 18700410
Conc: 532.44 ng/ml



#13 AR-1232-3

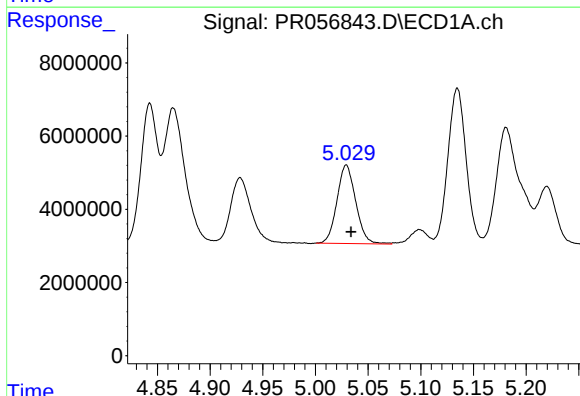
R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 50631652
Conc: 630.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



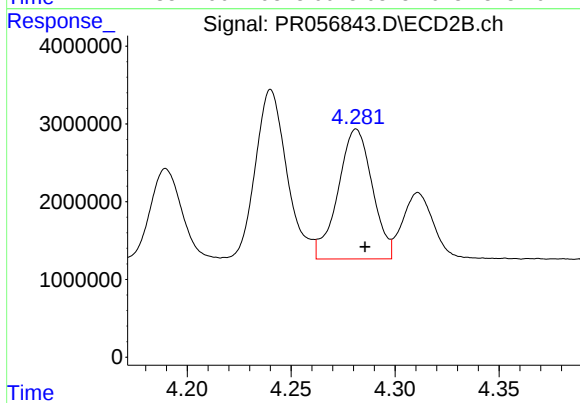
#13 AR-1232-3

R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 12253634
Conc: 670.80 ng/ml



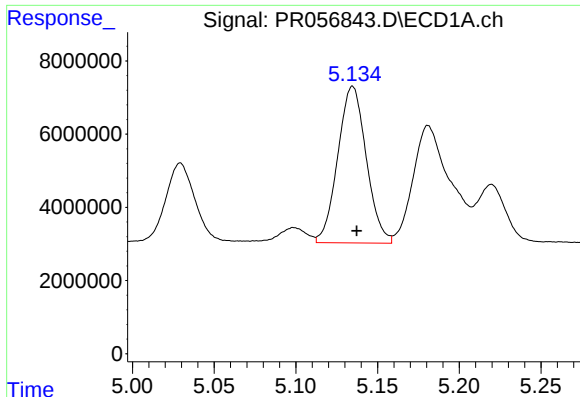
#14 AR-1232-4

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 26554551
Conc: 706.81 ng/ml



#14 AR-1232-4

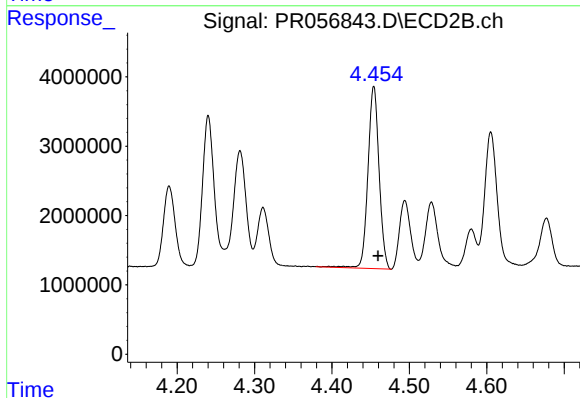
R.T.: 4.281 min
Delta R.T.: -0.004 min
Response: 19133472
Conc: 1277.53 ng/ml



#15 AR-1232-5

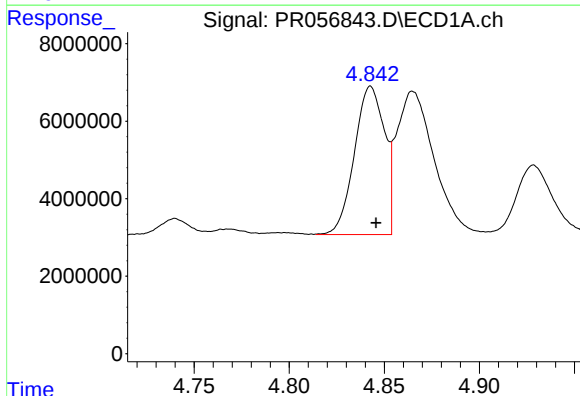
R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 52001228
Conc: 2030.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



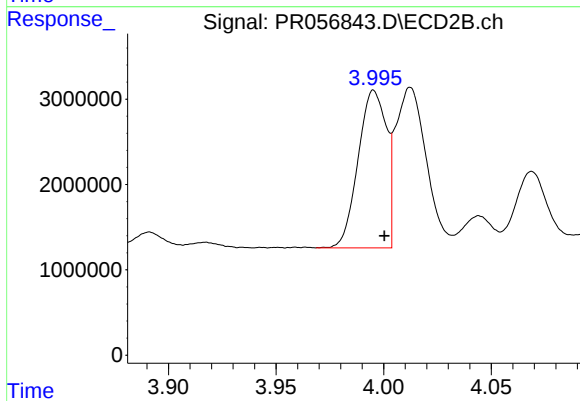
#15 AR-1232-5

R.T.: 4.454 min
Delta R.T.: -0.005 min
Response: 26257571
Conc: 1506.54 ng/ml



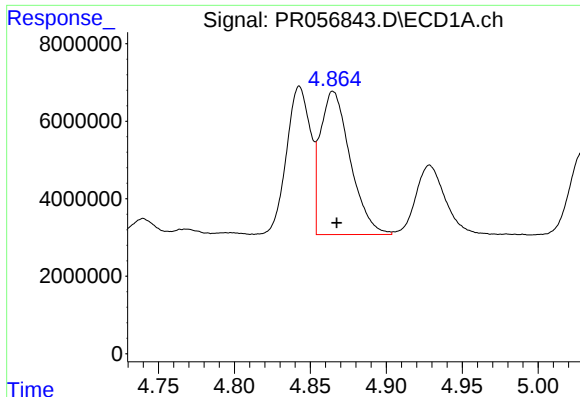
#16 AR-1242-1

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 42148213
Conc: 402.53 ng/ml



#16 AR-1242-1

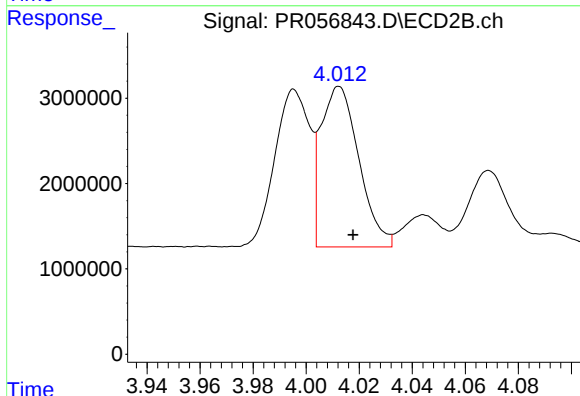
R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 16893048
Conc: 376.33 ng/ml



#17 AR-1242-2

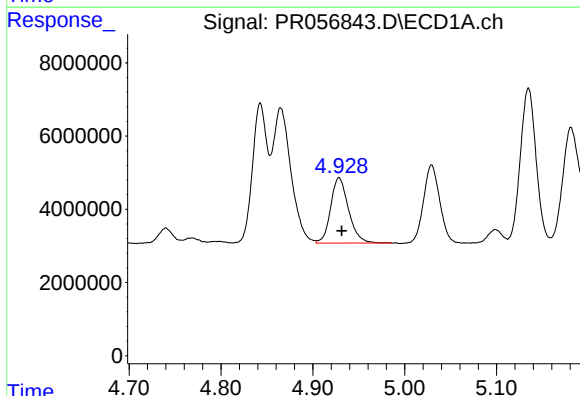
R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 50631652
Conc: 333.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



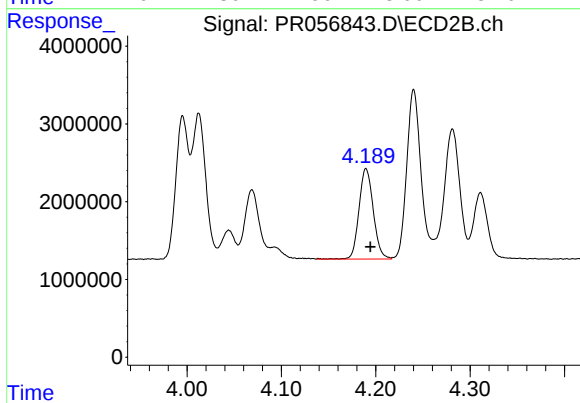
#17 AR-1242-2

R.T.: 4.012 min
Delta R.T.: -0.005 min
Response: 18700410
Conc: 283.23 ng/ml



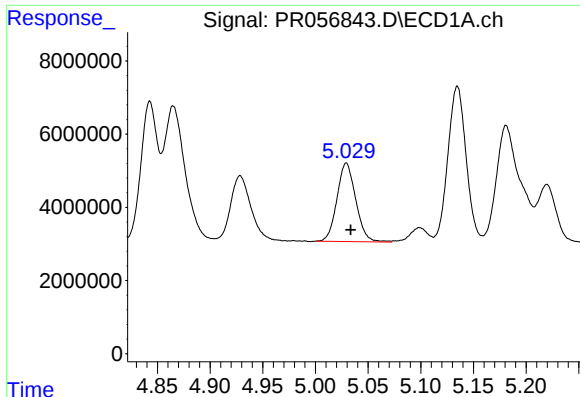
#18 AR-1242-3

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 24085936
Conc: 268.47 ng/ml



#18 AR-1242-3

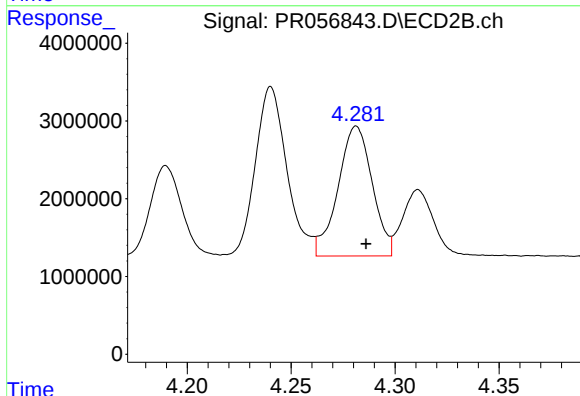
R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 12253634
Conc: 338.28 ng/ml



#19 AR-1242-4

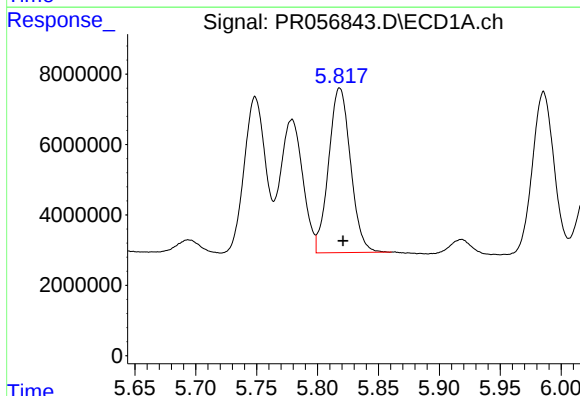
R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 26554551
Conc: 365.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



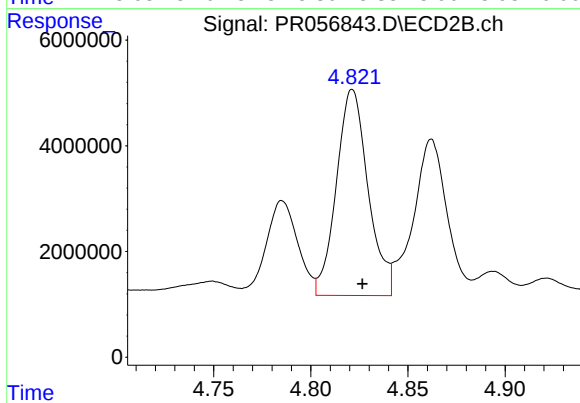
#19 AR-1242-4

R.T.: 4.281 min
Delta R.T.: -0.005 min
Response: 19133472
Conc: 591.56 ng/ml



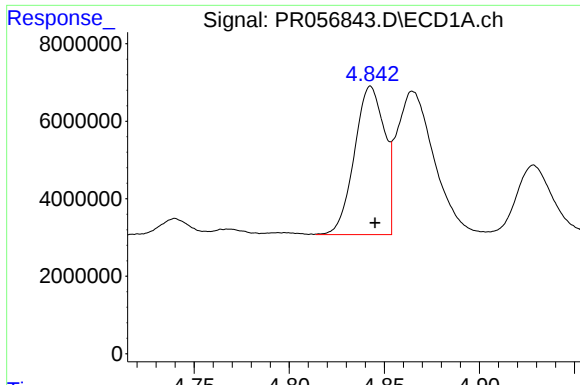
#20 AR-1242-5

R.T.: 5.818 min
Delta R.T.: -0.003 min
Response: 58566556
Conc: 878.66 ng/ml



#20 AR-1242-5

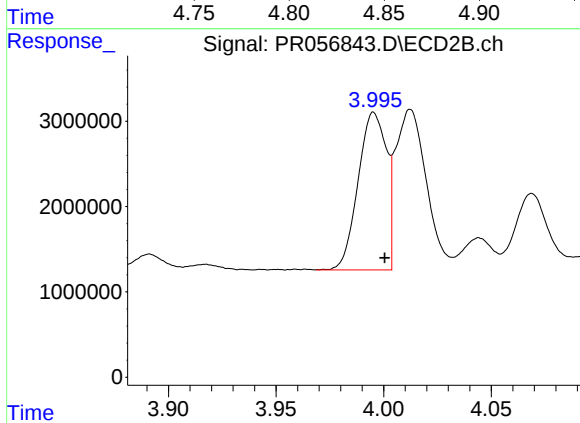
R.T.: 4.821 min
Delta R.T.: -0.005 min
Response: 44345540
Conc: 1059.74 ng/ml



#21 AR-1248-1

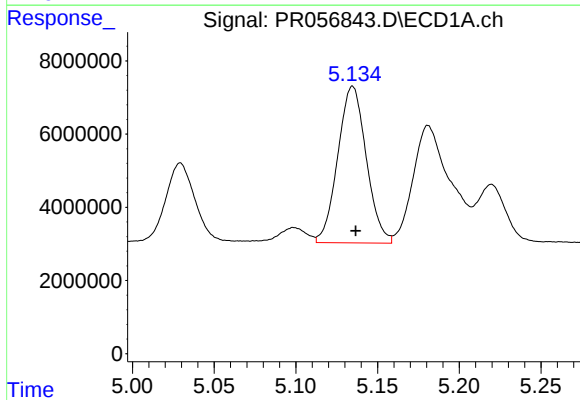
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 42148213
Conc: 521.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



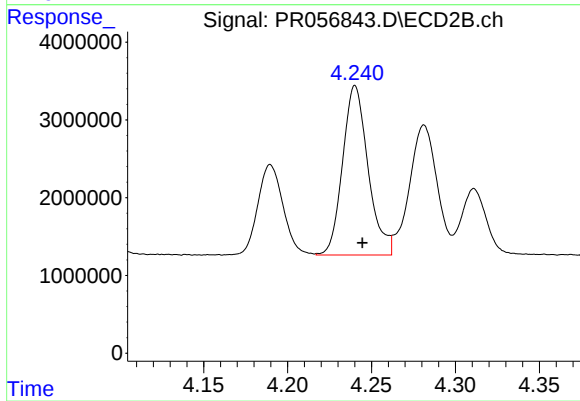
#21 AR-1248-1

R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 16893048
Conc: 484.36 ng/ml



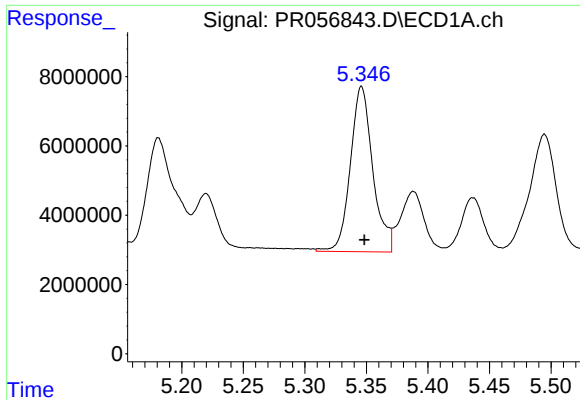
#22 AR-1248-2

R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 52001228
Conc: 542.28 ng/ml



#22 AR-1248-2

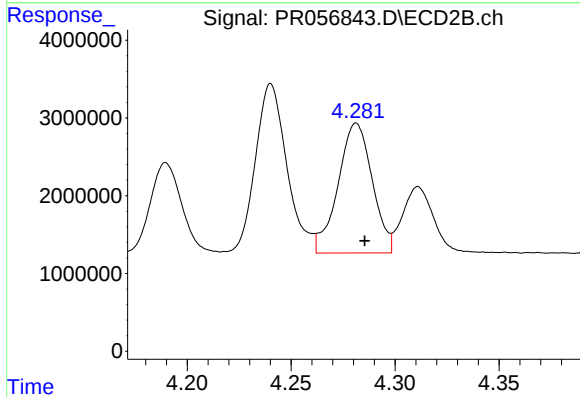
R.T.: 4.240 min
Delta R.T.: -0.004 min
Response: 23031846
Conc: 488.54 ng/ml



#23 AR-1248-3

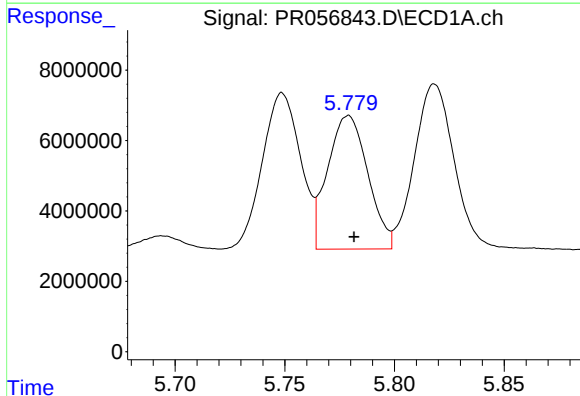
R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 60533401
Conc: 566.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



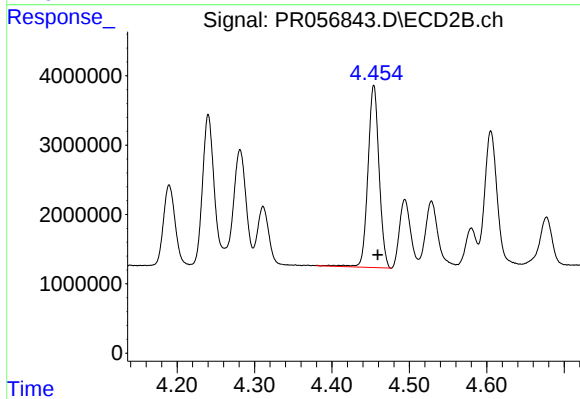
#23 AR-1248-3

R.T.: 4.281 min
Delta R.T.: -0.004 min
Response: 19133472
Conc: 395.19 ng/ml



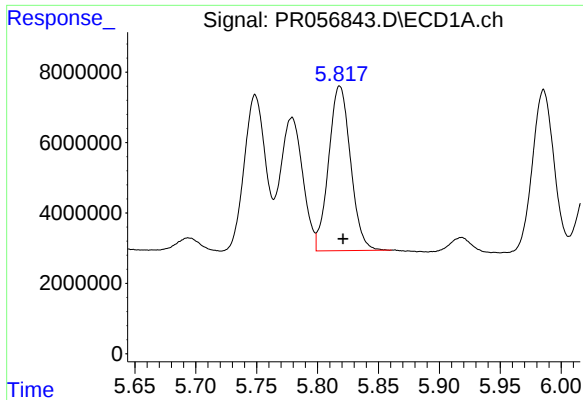
#24 AR-1248-4

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 48334665
Conc: 438.11 ng/ml



#24 AR-1248-4

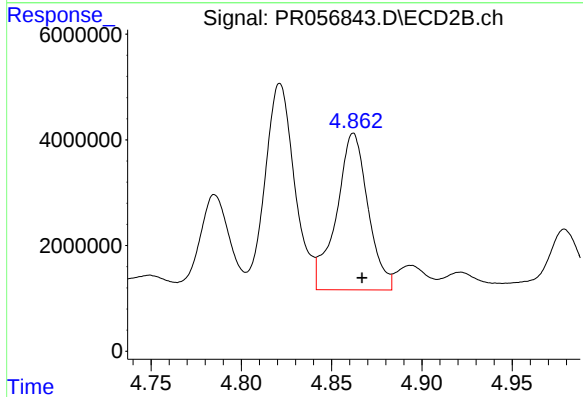
R.T.: 4.454 min
Delta R.T.: -0.005 min
Response: 26257571
Conc: 446.49 ng/ml



#25 AR-1248-5

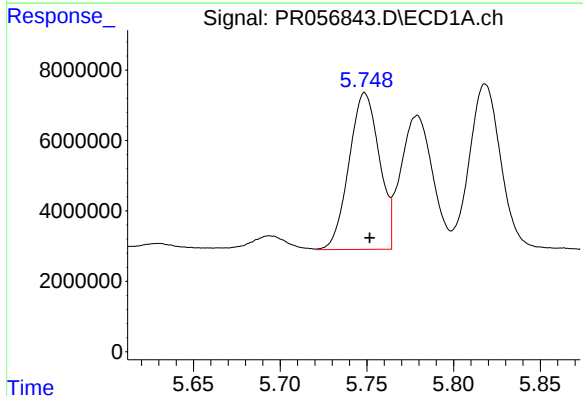
R.T.: 5.818 min
Delta R.T.: -0.003 min
Response: 58566556
Conc: 532.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



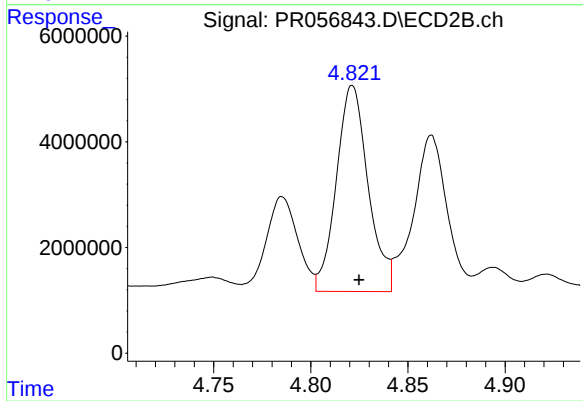
#25 AR-1248-5

R.T.: 4.862 min
Delta R.T.: -0.005 min
Response: 36159354
Conc: 595.84 ng/ml



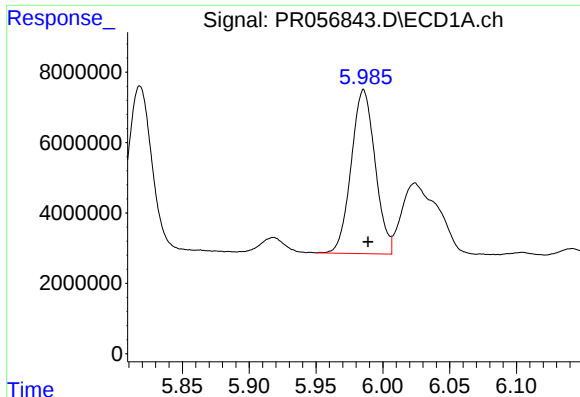
#26 AR-1254-1

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 54206421
Conc: 511.02 ng/ml



#26 AR-1254-1

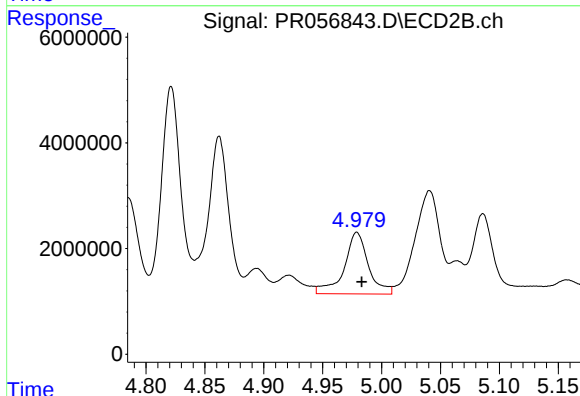
R.T.: 4.821 min
Delta R.T.: -0.004 min
Response: 44345540
Conc: 504.26 ng/ml



#27 AR-1254-2

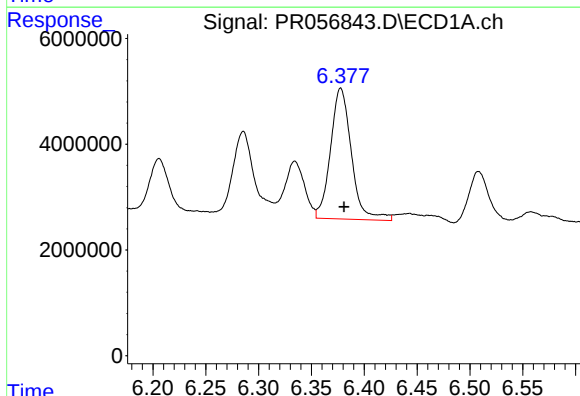
R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 58063566
Conc: 371.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



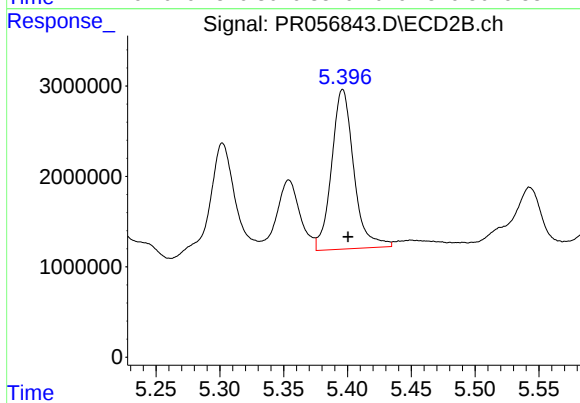
#27 AR-1254-2

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 16705012
Conc: 217.70 ng/ml



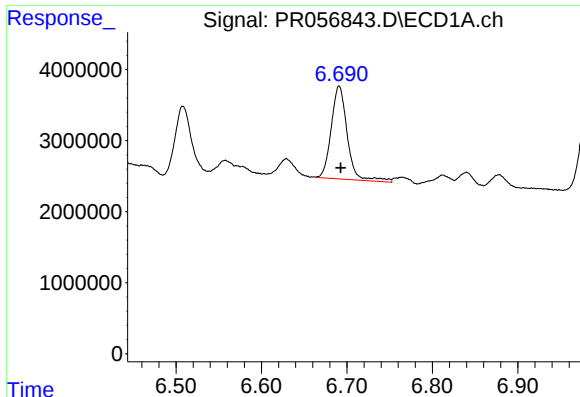
#28 AR-1254-3

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 34093883
Conc: 222.90 ng/ml



#28 AR-1254-3

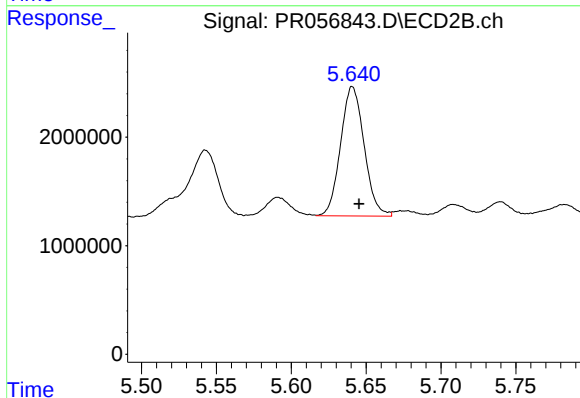
R.T.: 5.396 min
Delta R.T.: -0.004 min
Response: 21407168
Conc: 169.23 ng/ml



#29 AR-1254-4

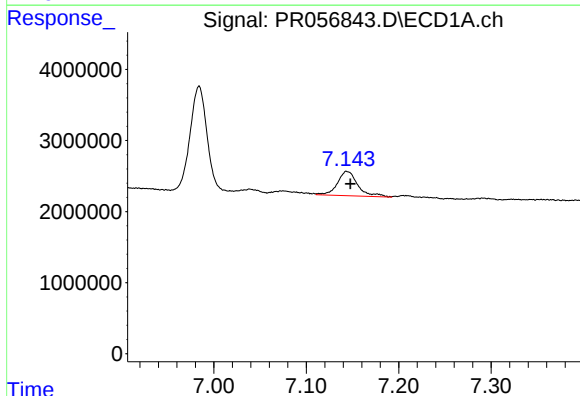
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 17096251
Conc: 147.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



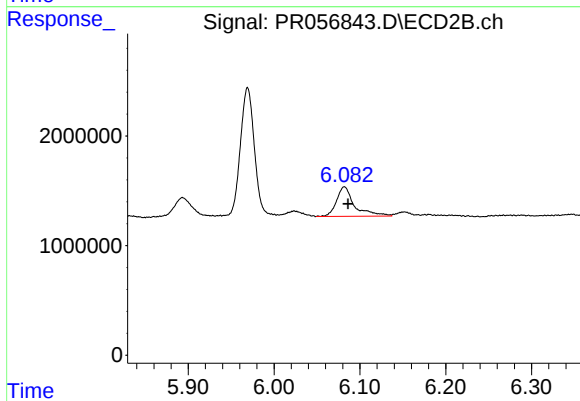
#29 AR-1254-4

R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 13085176
Conc: 164.61 ng/ml



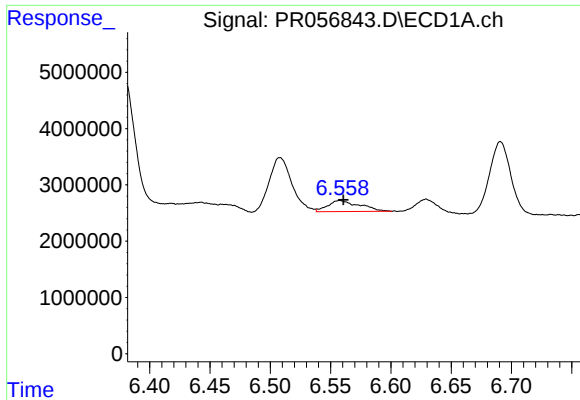
#30 AR-1254-5

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 5269307
Conc: 44.91 ng/ml



#30 AR-1254-5

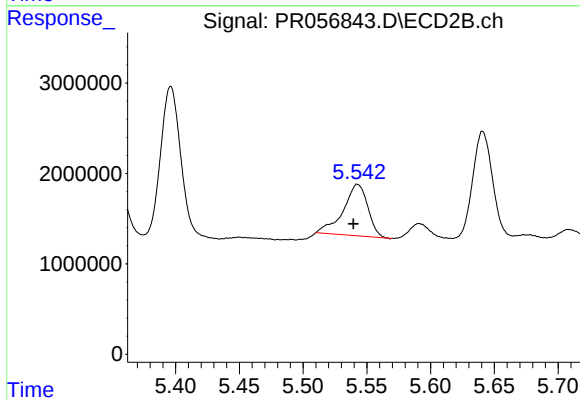
R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 3950089
Conc: 35.73 ng/ml



#31 AR-1260-1

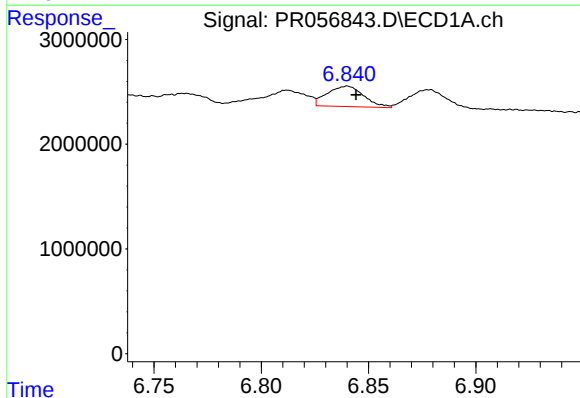
R.T.: 6.558 min
Delta R.T.: -0.003 min
Response: 3430871
Conc: 30.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



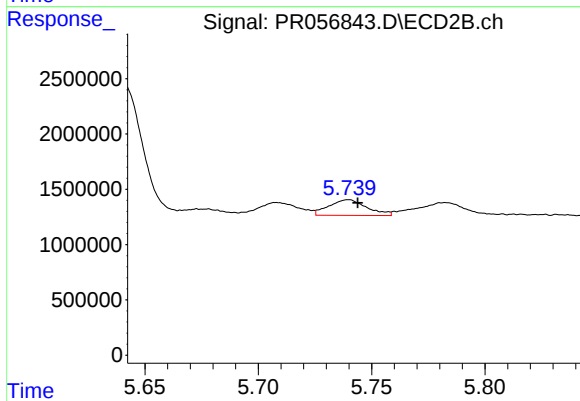
#31 AR-1260-1

R.T.: 5.543 min
Delta R.T.: 0.003 min
Response: 7645593
Conc: 93.22 ng/ml



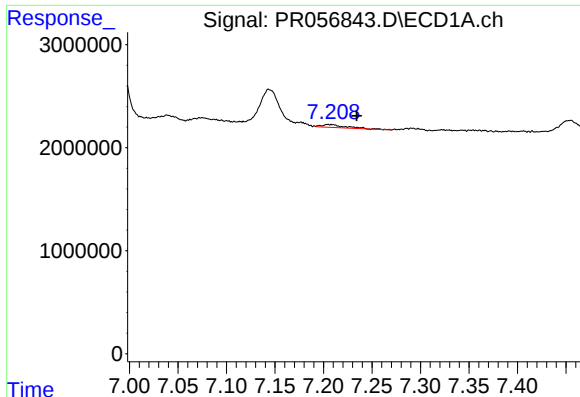
#32 AR-1260-2

R.T.: 6.840 min
Delta R.T.: -0.005 min
Response: 2305653
Conc: 17.34 ng/ml



#32 AR-1260-2

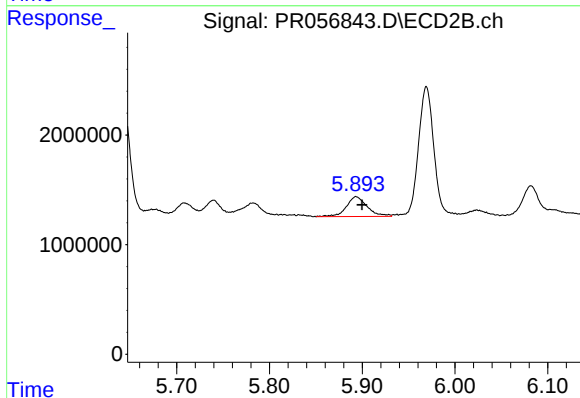
R.T.: 5.740 min
Delta R.T.: -0.004 min
Response: 1637468
Conc: 16.07 ng/ml



#33 AR-1260-3

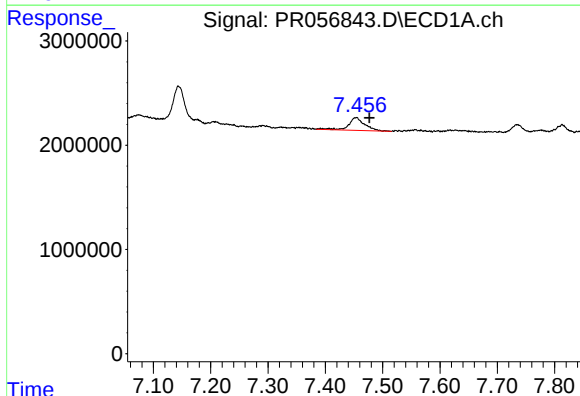
R.T.: 7.206 min
Delta R.T.: -0.028 min
Response: 496814
Conc: 5.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



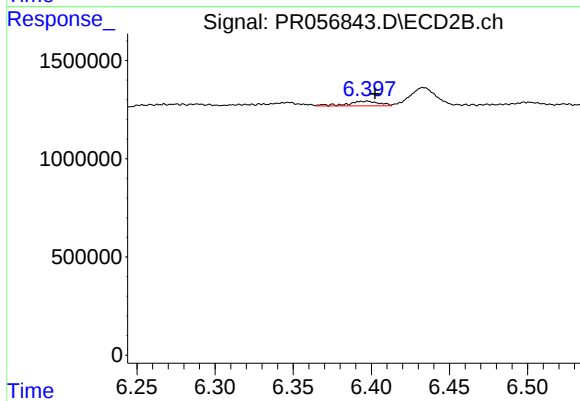
#33 AR-1260-3

R.T.: 5.893 min
Delta R.T.: -0.006 min
Response: 2822205
Conc: 29.82 ng/ml



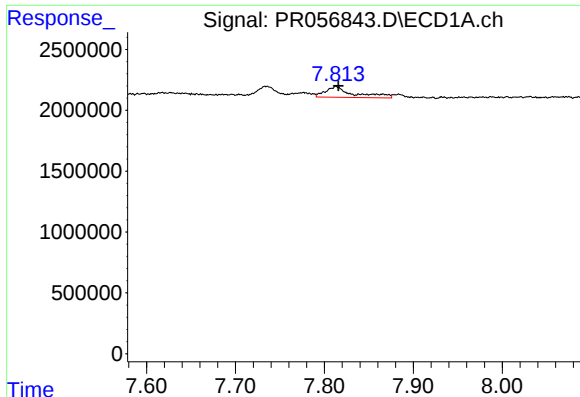
#34 AR-1260-4

R.T.: 7.453 min
Delta R.T.: -0.024 min
Response: 2420964
Conc: 22.35 ng/ml



#34 AR-1260-4

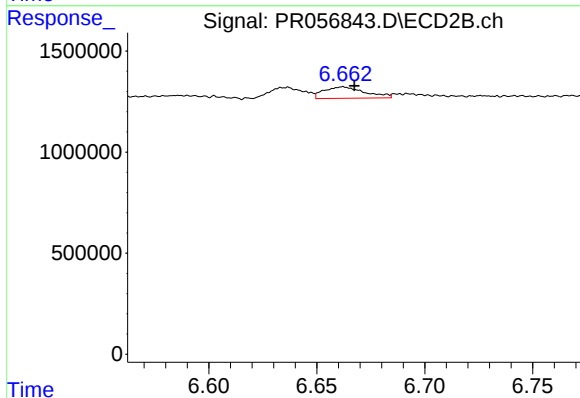
R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 338900
Conc: 4.22 ng/ml



#35 AR-1260-5

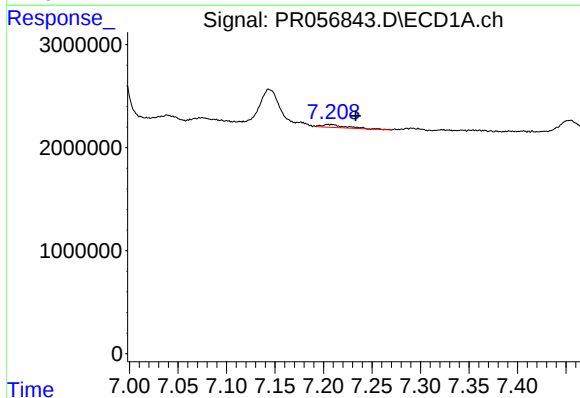
R.T.: 7.813 min
Delta R.T.: -0.003 min
Response: 1988390
Conc: 9.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



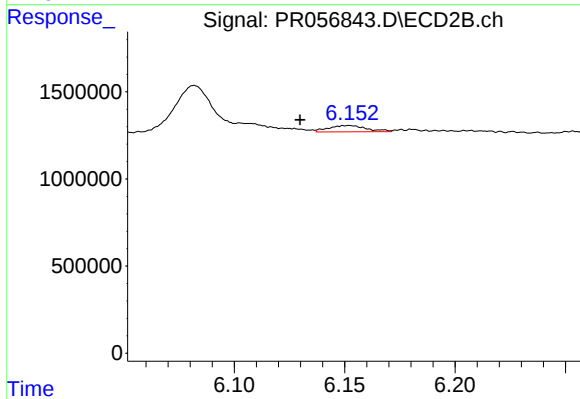
#35 AR-1260-5

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 745176
Conc: 3.90 ng/ml



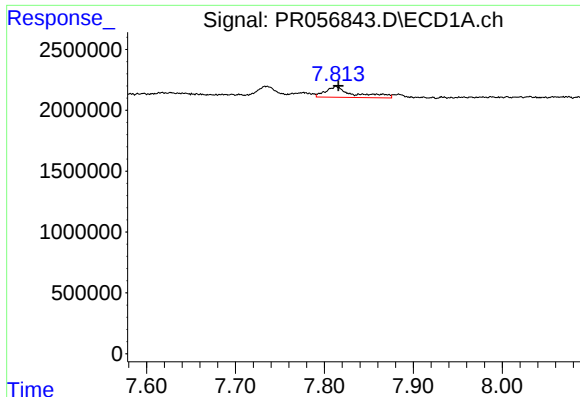
#36 AR-1262-1

R.T.: 7.206 min
Delta R.T.: -0.027 min
Response: 496814
Conc: 3.73 ng/ml



#36 AR-1262-1

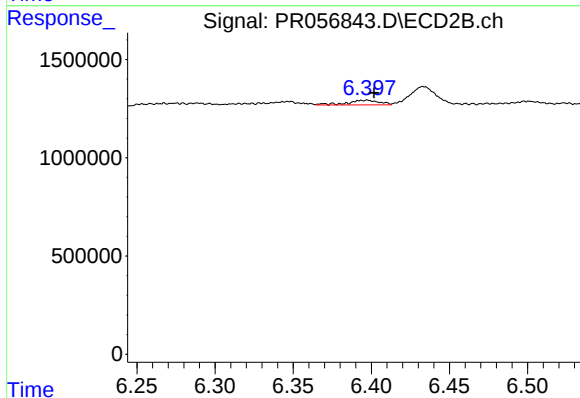
R.T.: 6.152 min
Delta R.T.: 0.022 min
Response: 434366
Conc: 4.04 ng/ml



#37 AR-1262-2

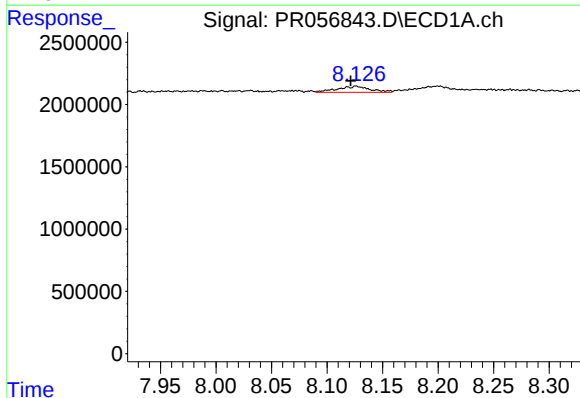
R.T.: 7.813 min
Delta R.T.: -0.003 min
Response: 1988390
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



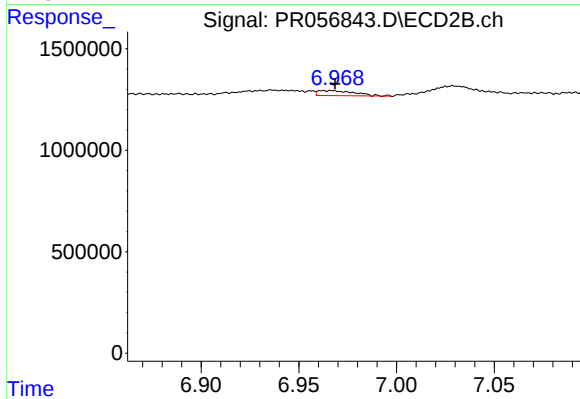
#37 AR-1262-2

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 338900
Conc: 3.42 ng/ml



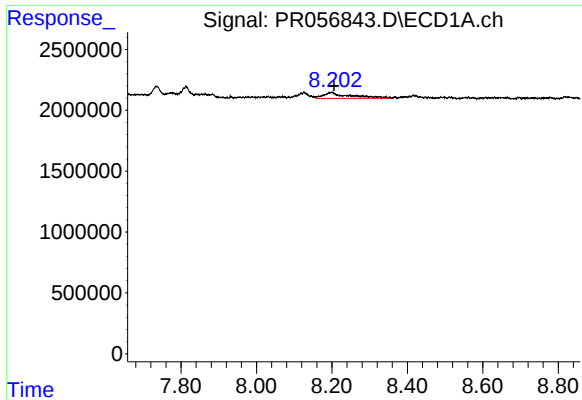
#38 AR-1262-3

R.T.: 8.126 min
Delta R.T.: 0.005 min
Response: 1018385
Conc: 6.51 ng/ml



#38 AR-1262-3

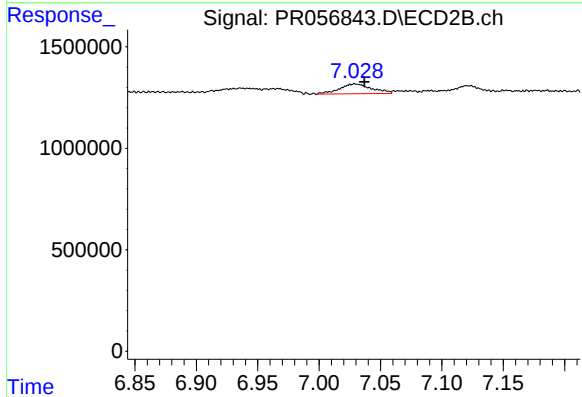
R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 322929
Conc: 4.07 ng/ml



#39 AR-1262-4

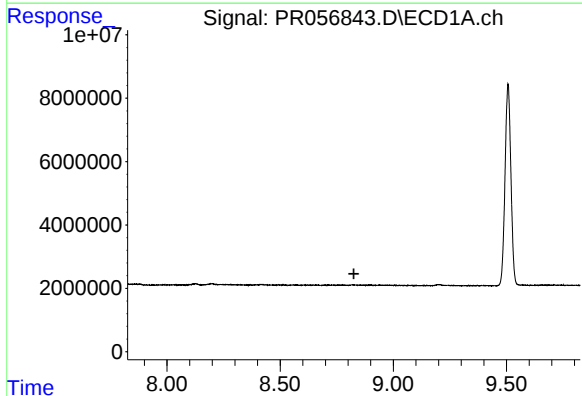
R.T.: 8.199 min
Delta R.T.: -0.007 min
Response: 2378306
Conc: 34.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



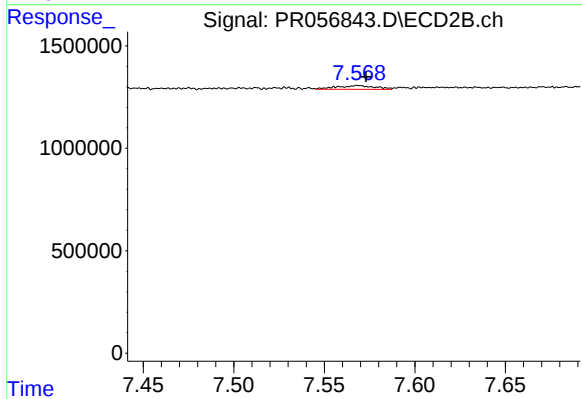
#39 AR-1262-4

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 883748
Conc: 5.74 ng/ml



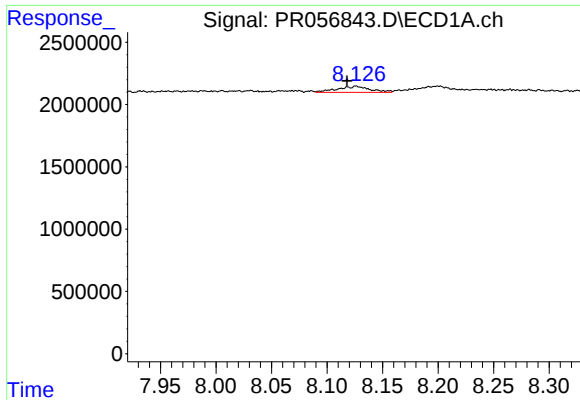
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.826 min
Response: 0
Conc: N.D.



#40 AR-1262-5

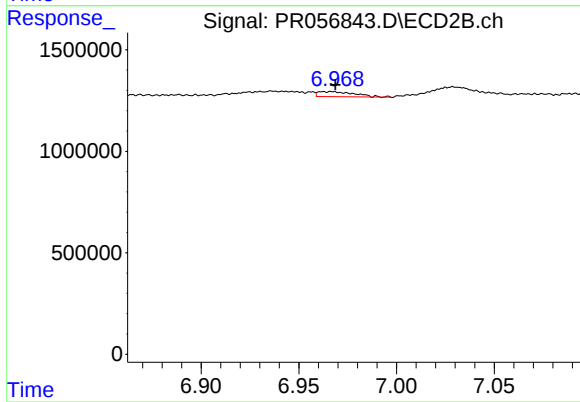
R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 275423
Conc: 3.79 ng/ml



#41 AR-1268-1

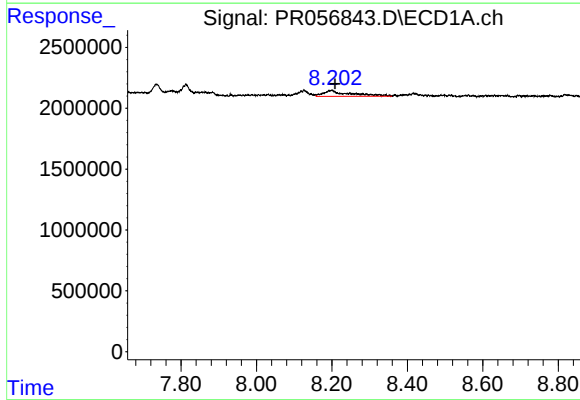
R.T.: 8.126 min
Delta R.T.: 0.008 min
Response: 1018385
Conc: 3.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



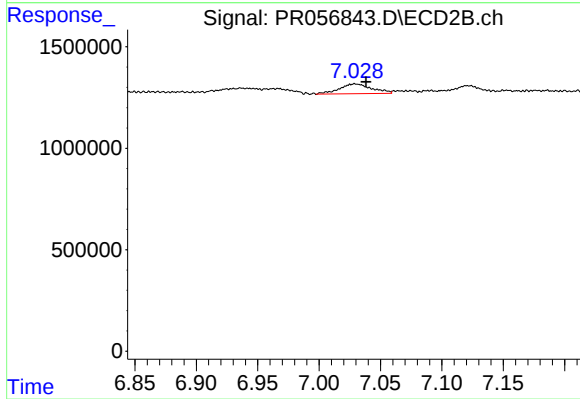
#41 AR-1268-1

R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 322929
Conc: 1.38 ng/ml



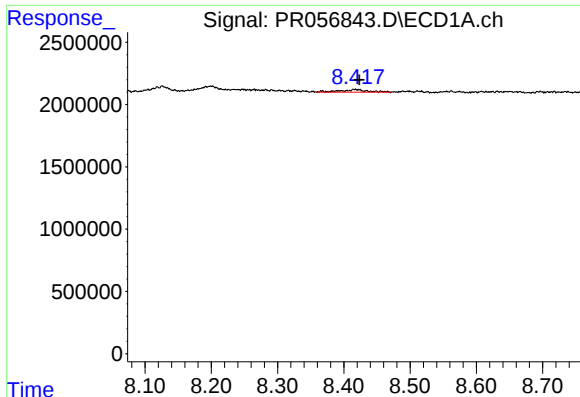
#42 AR-1268-2

R.T.: 8.199 min
Delta R.T.: -0.009 min
Response: 2378306
Conc: 9.14 ng/ml



#42 AR-1268-2

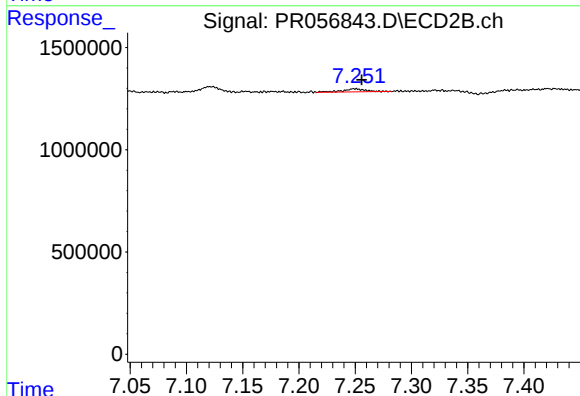
R.T.: 7.029 min
Delta R.T.: -0.009 min
Response: 883748
Conc: 4.02 ng/ml



#43 AR-1268-3

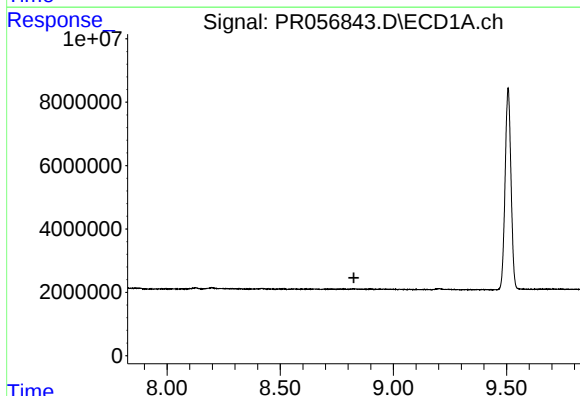
R.T.: 8.418 min
Delta R.T.: -0.005 min
Response: 634604
Conc: 2.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



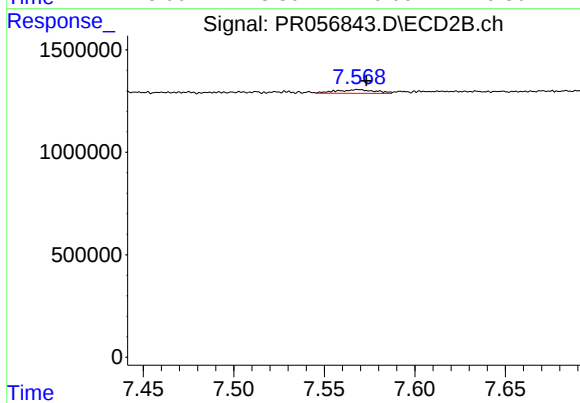
#43 AR-1268-3

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 220548
Conc: 1.19 ng/ml



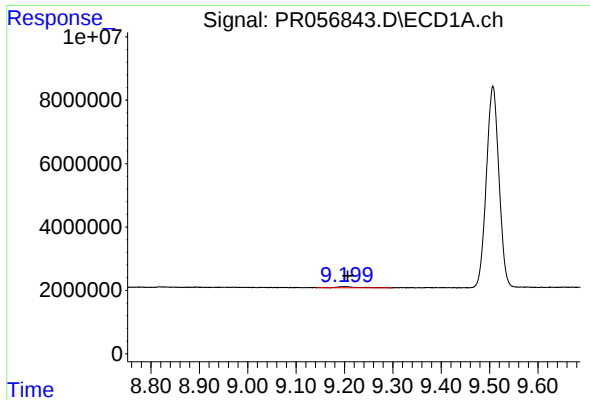
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.826 min
Response: 0
Conc: N.D.



#44 AR-1268-4

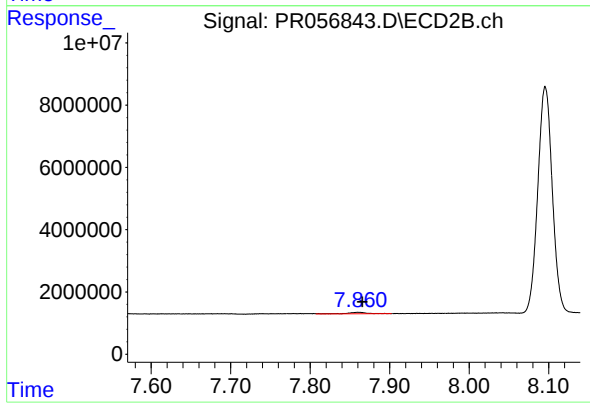
R.T.: 7.569 min
Delta R.T.: -0.005 min
Response: 275423
Conc: 3.37 ng/ml



#45 AR-1268-5

R.T.: 9.200 min
Delta R.T.: -0.007 min
Response: 858606
Conc: 1.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.861 min
Delta R.T.: -0.005 min
Response: 845760
Conc: 1.39 ng/ml