

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071422\
 Data File : PR055278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2022 15:06
 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: Jul 13 16:10:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 27 17:05:06 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...	3.638	2.909	187.8E6	88138061	51.622	52.796
2)	SA Decachlor...	9.535	8.135	76598443	75579944	53.123	53.793
Target Compounds							
3)	L1 AR-1016-1	4.860	4.020	31129711	17118613	304.327	298.567
4)	L1 AR-1016-2	4.882	4.037	37219839	18402148	256.657	235.581
5)	L1 AR-1016-3	4.946	4.215	18254861	11988162	209.010	281.747 #
6)	L1 AR-1016-4	5.047	4.266	20083889	23244519	276.871	703.380 #
7)	L1 AR-1016-5	5.364	4.481	42347333	28428570	656.586	672.914
8)	L2 AR-1221-1	3.856	3.132	1176879	373580	26.253	18.070 #
9)	L2 AR-1221-2	3.949	3.212	3222643	1492574	98.238	94.715
10)	L2 AR-1221-3	4.026	3.295	5650499	2375604	55.907	49.177
11)	L3 AR-1232-1	4.026	3.295	5650499	2375604	60.920	53.798
12)	L3 AR-1232-2	4.575	4.037	16766938	18402148	384.493	458.553
13)	L3 AR-1232-3	4.882	4.215	37219839	11988162	489.381	518.675
14)	L3 AR-1232-4	5.047	4.306	20083889	23354763	562.735	1262.991 #
15)	L3 AR-1232-5	5.152	4.481	38237353	28428570	1414.119	1267.705
16)	L4 AR-1242-1	4.860	4.020	31129711	17118613	361.372	357.276
17)	L4 AR-1242-2	4.882	4.037	37219839	18402148	306.758	282.574
18)	L4 AR-1242-3	4.946	4.215	18254861	11988162	250.398	339.002 #
19)	L4 AR-1242-4	5.047	4.306	20083889	23354763	339.204	709.697 #
20)	L4 AR-1242-5	5.837	4.848	41049941	39460892	783.835	912.855
21)	L5 AR-1248-1	4.860	4.020	31129711	17118613	462.590	478.815
22)	L5 AR-1248-2	5.152	4.266	38237353	23244519	464.799	490.181
23)	L5 AR-1248-3	5.364	4.306	42347333	23354763	473.220	490.898
24)	L5 AR-1248-4	5.797	4.481	41033613	28428570	462.796	482.138
25)	L5 AR-1248-5	5.837	4.890	41049941	27743791	477.306	480.220
26)	L6 AR-1254-1	5.766	4.848	33059520	39460892	355.112	451.118 #
27)	L6 AR-1254-2	6.004	5.007	39363090	11757868	301.303	152.425 #
28)	L6 AR-1254-3	6.396	5.425	21391451	18647537	169.343	151.278
29)	L6 AR-1254-4	6.709	5.670	14103292	12116713	152.089	153.972
30)	L6 AR-1254-5	7.163	6.112	3973345	3718823	40.419	32.507
31)	L7 AR-1260-1	6.577	5.573	3038158	9197594	34.892	116.375 #
32)	L7 AR-1260-2	6.859	5.769	2180467	1738160	21.766	18.443
33)	L7 AR-1260-3	7.248	5.923	684426	2117142	10.197	23.710 #
34)	L7 AR-1260-4	7.475f	6.428	2503085	498306	31.110	7.239 #
35)	L7 AR-1260-5	7.832	6.693	1211982	804982	7.912	4.907 #
36)	L8 AR-1262-1	7.248	6.155	684426	406570	6.616	3.800 #
37)	L8 AR-1262-2	7.832	6.428	1211982	498306	6.731	5.120
38)	L8 AR-1262-3	8.142	6.995	1051763	294879	8.436	3.842 #
39)	L8 AR-1262-4	8.219	7.063	1045057	948448	18.676	6.485 #
40)	L8 AR-1262-5	8.846	7.602	748155	458804	10.942	6.646 #
41)	L9 AR-1268-1	8.142	6.995	1051763	294879	5.211	1.353 #

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 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

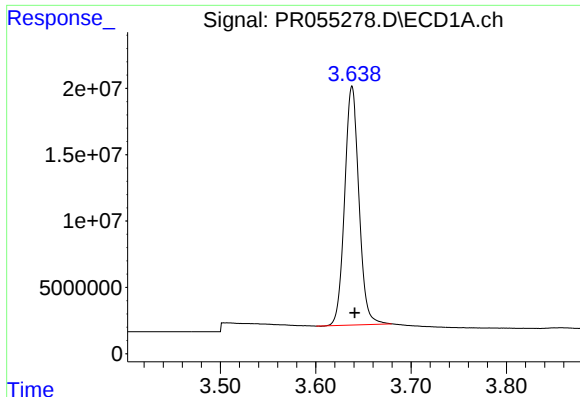
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 16:10:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 27 17:05:06 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
42) L9	AR-1268-2	8.219	7.063	1045057	948448	5.632	4.736
43) L9	AR-1268-3	8.438	7.284	761210	274829	4.884	1.650 #
44) L9	AR-1268-4	8.846	7.602	748155	458804	10.211	6.158 #
45) L9	AR-1268-5	9.230	7.896	692568	725410	1.385	1.365

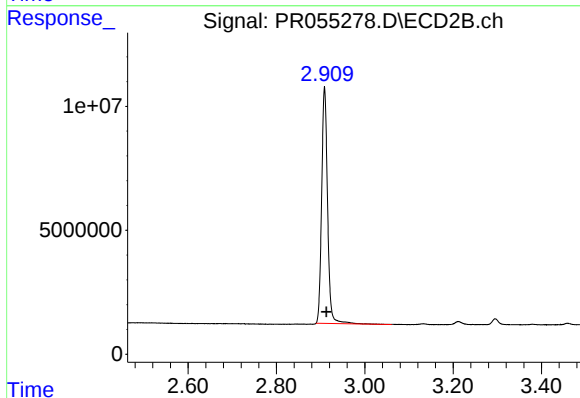
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

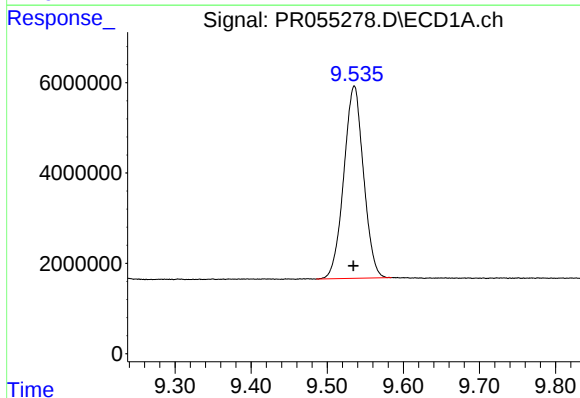
R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 187765760
Conc: 51.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



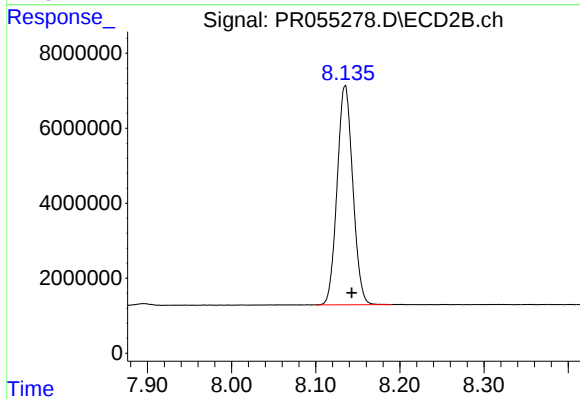
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 88138061
Conc: 52.80 ng/ml



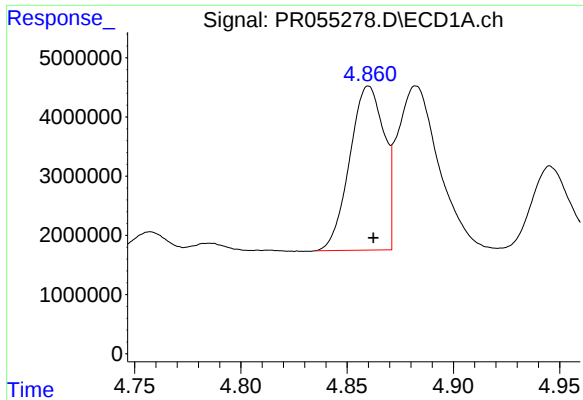
#2 Decachlorobiphenyl

R.T.: 9.535 min
Delta R.T.: 0.001 min
Response: 76598443
Conc: 53.12 ng/ml



#2 Decachlorobiphenyl

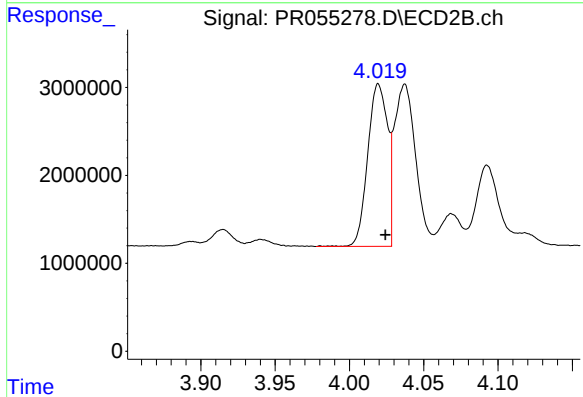
R.T.: 8.135 min
Delta R.T.: -0.008 min
Response: 75579944
Conc: 53.79 ng/ml



#3 AR-1016-1

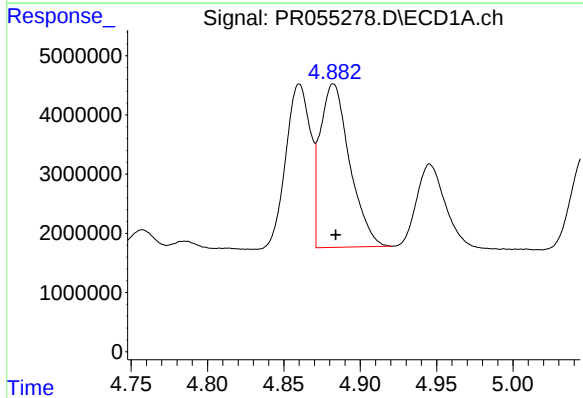
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 31129711
Conc: 304.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



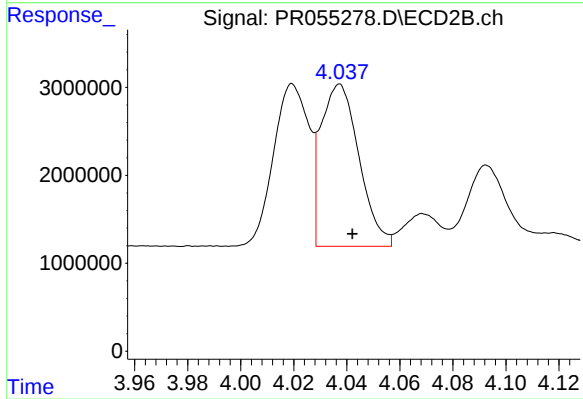
#3 AR-1016-1

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 17118613
Conc: 298.57 ng/ml



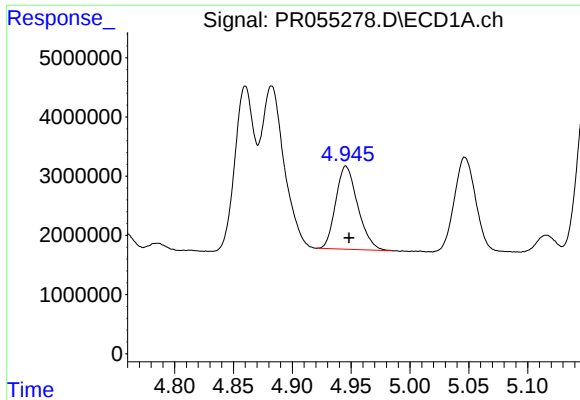
#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 37219839
Conc: 256.66 ng/ml



#4 AR-1016-2

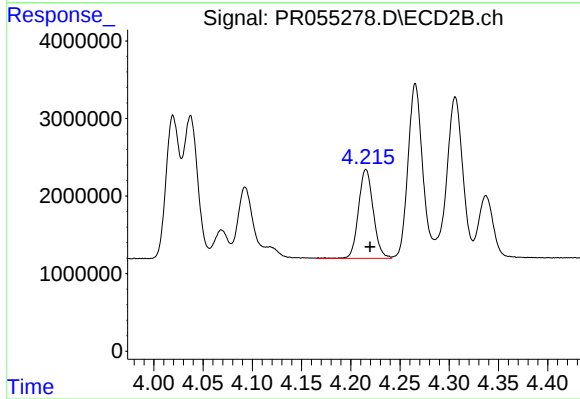
R.T.: 4.037 min
Delta R.T.: -0.005 min
Response: 18402148
Conc: 235.58 ng/ml



#5 AR-1016-3

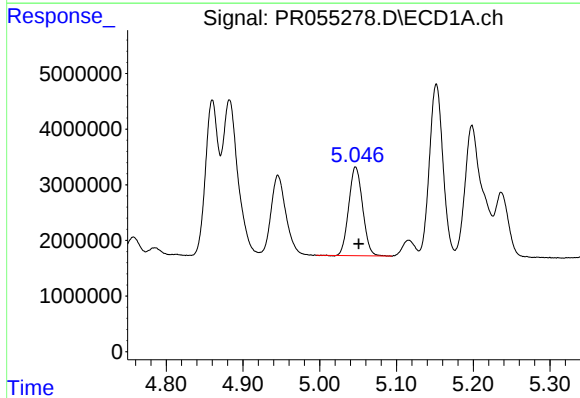
R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 18254861
Conc: 209.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



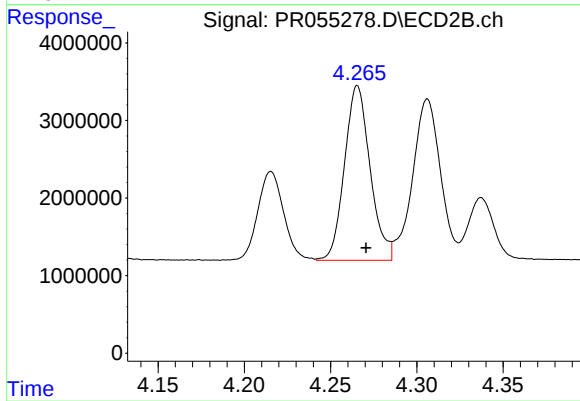
#5 AR-1016-3

R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 11988162
Conc: 281.75 ng/ml



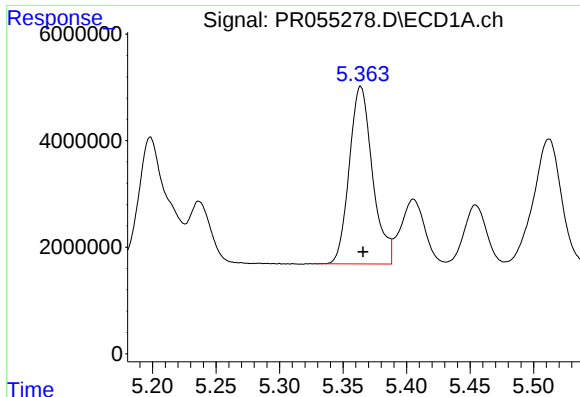
#6 AR-1016-4

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 20083889
Conc: 276.87 ng/ml



#6 AR-1016-4

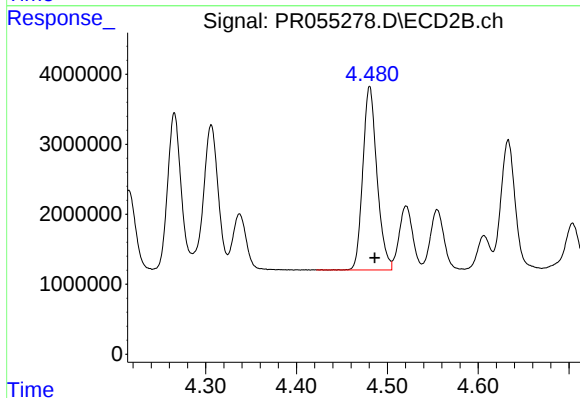
R.T.: 4.266 min
Delta R.T.: -0.005 min
Response: 23244519
Conc: 703.38 ng/ml



#7 AR-1016-5

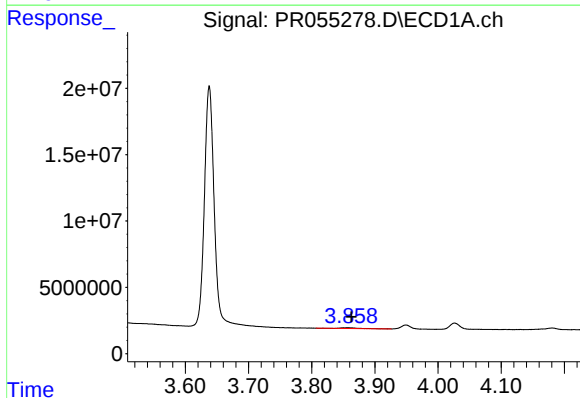
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 42347333
Conc: 656.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



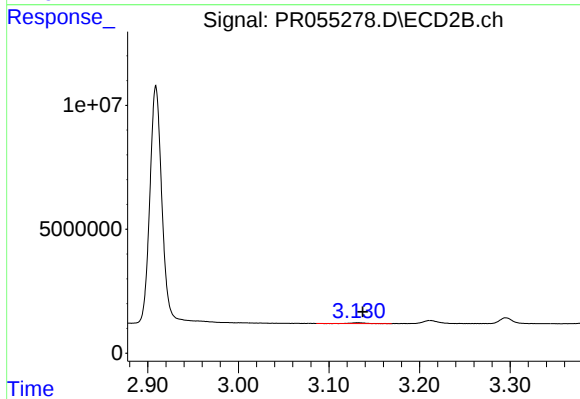
#7 AR-1016-5

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 28428570
Conc: 672.91 ng/ml



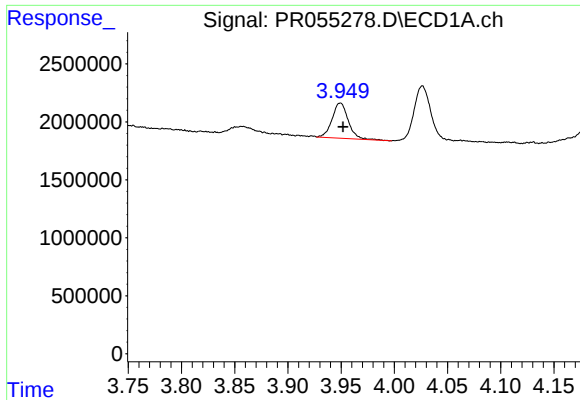
#8 AR-1221-1

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 1176879
Conc: 26.25 ng/ml



#8 AR-1221-1

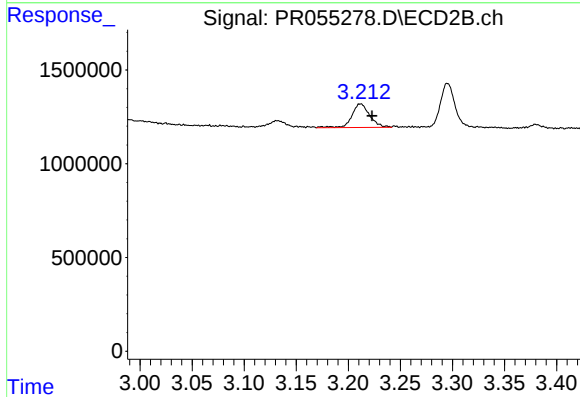
R.T.: 3.132 min
Delta R.T.: -0.005 min
Response: 373580
Conc: 18.07 ng/ml



#9 AR-1221-2

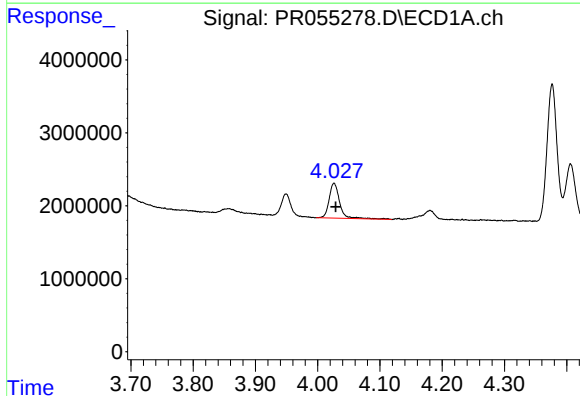
R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 3222643
Conc: 98.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



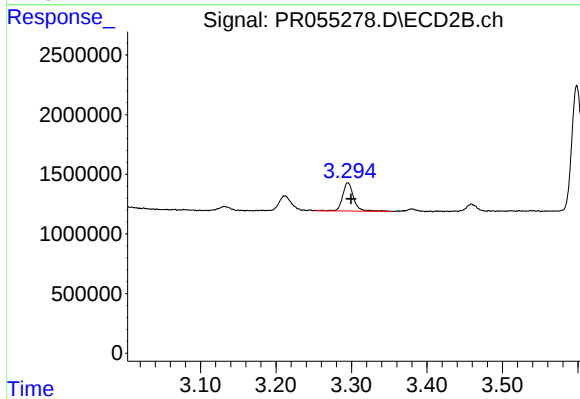
#9 AR-1221-2

R.T.: 3.212 min
Delta R.T.: -0.011 min
Response: 1492574
Conc: 94.71 ng/ml



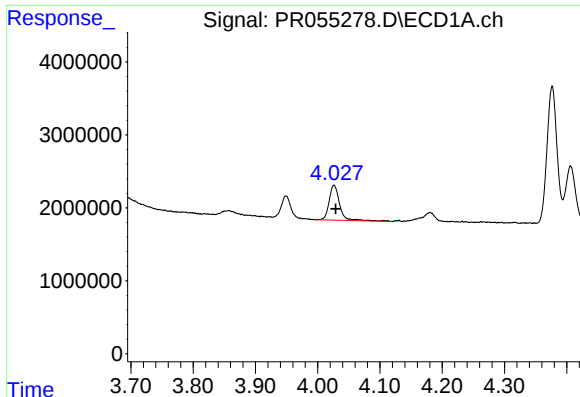
#10 AR-1221-3

R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 5650499
Conc: 55.91 ng/ml



#10 AR-1221-3

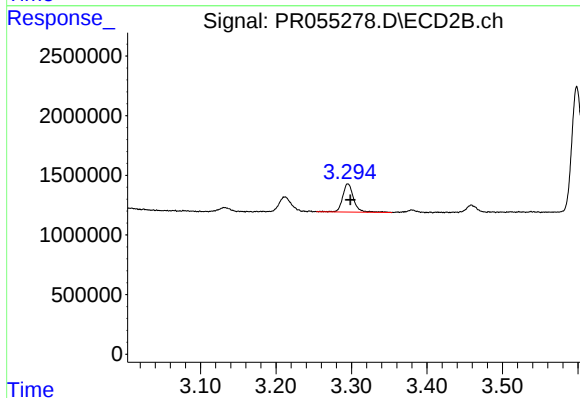
R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2375604
Conc: 49.18 ng/ml



#11 AR-1232-1

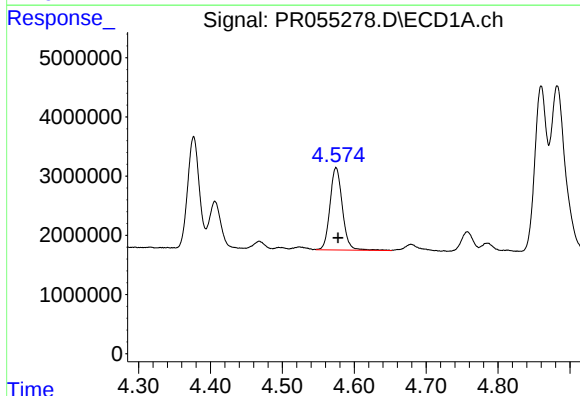
R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 5650499
Conc: 60.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



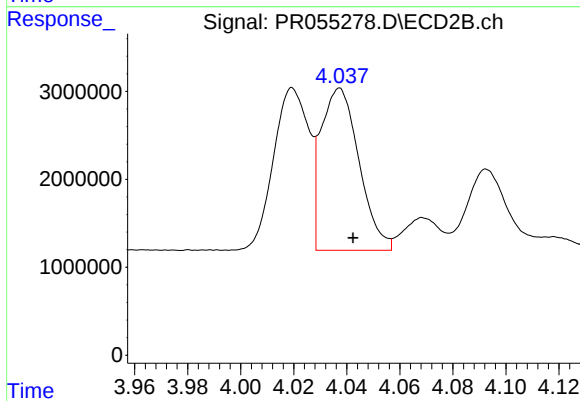
#11 AR-1232-1

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 2375604
Conc: 53.80 ng/ml



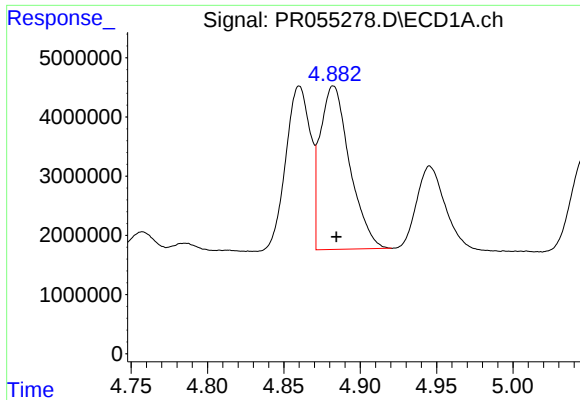
#12 AR-1232-2

R.T.: 4.575 min
Delta R.T.: -0.003 min
Response: 16766938
Conc: 384.49 ng/ml



#12 AR-1232-2

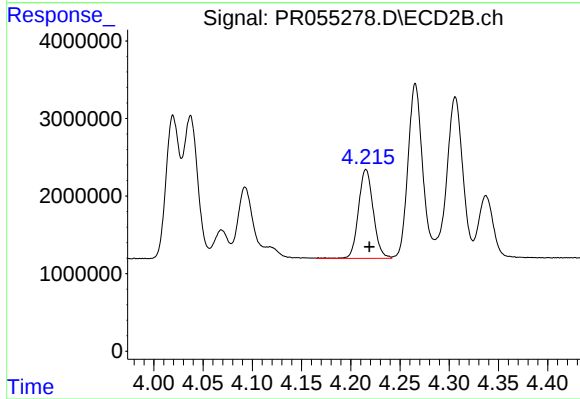
R.T.: 4.037 min
Delta R.T.: -0.005 min
Response: 18402148
Conc: 458.55 ng/ml



#13 AR-1232-3

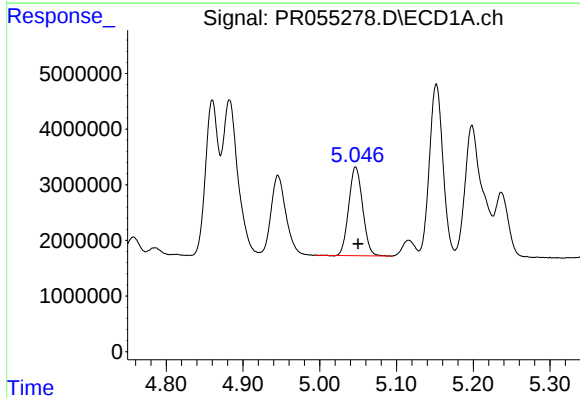
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 37219839
Conc: 489.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



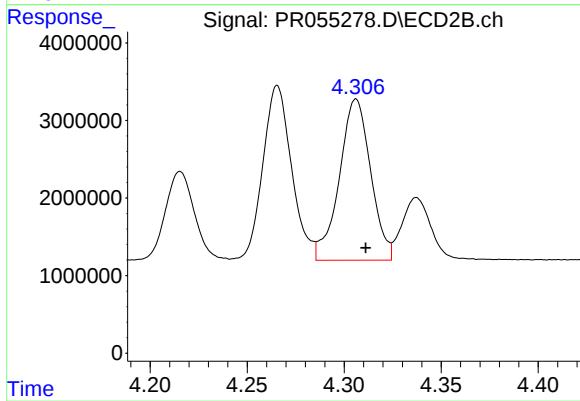
#13 AR-1232-3

R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 11988162
Conc: 518.67 ng/ml



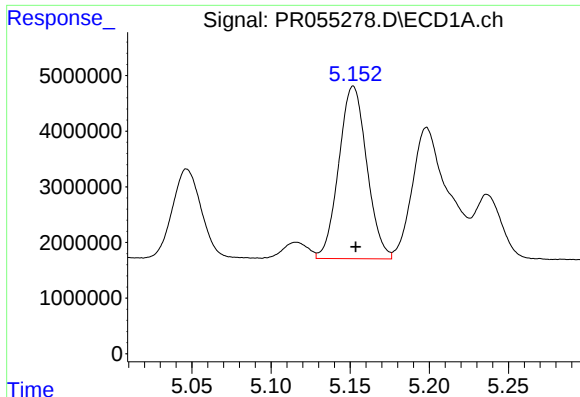
#14 AR-1232-4

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 20083889
Conc: 562.74 ng/ml



#14 AR-1232-4

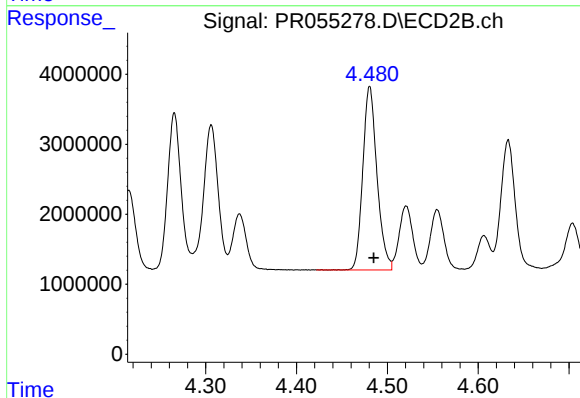
R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 23354763
Conc: 1262.99 ng/ml



#15 AR-1232-5

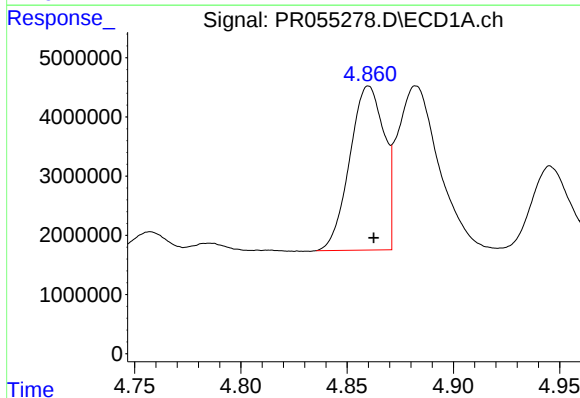
R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 38237353
Conc: 1414.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



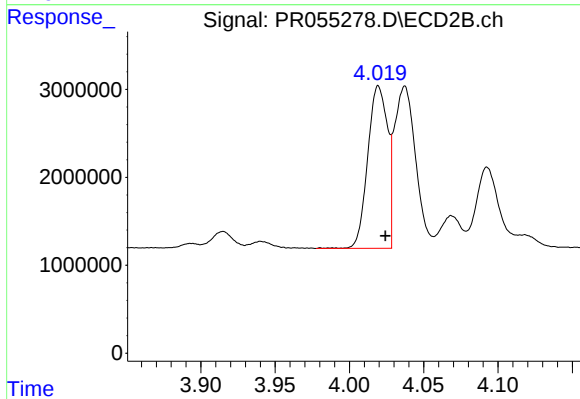
#15 AR-1232-5

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 28428570
Conc: 1267.71 ng/ml



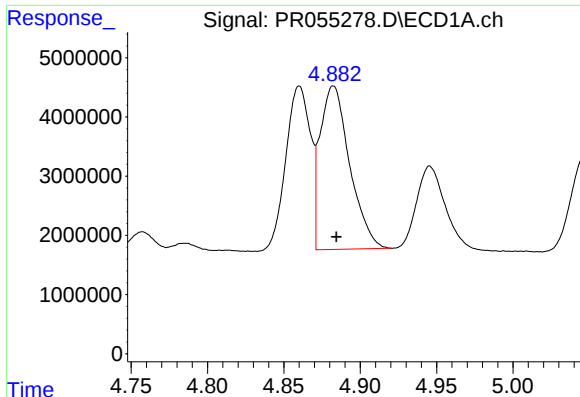
#16 AR-1242-1

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 31129711
Conc: 361.37 ng/ml



#16 AR-1242-1

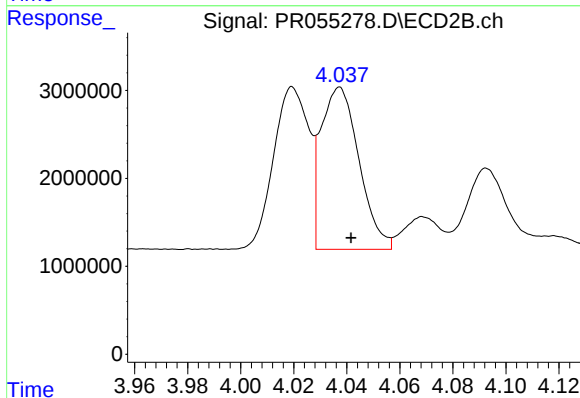
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 17118613
Conc: 357.28 ng/ml



#17 AR-1242-2

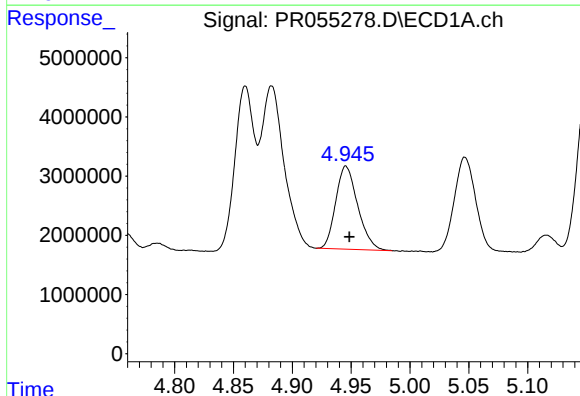
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 37219839
Conc: 306.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



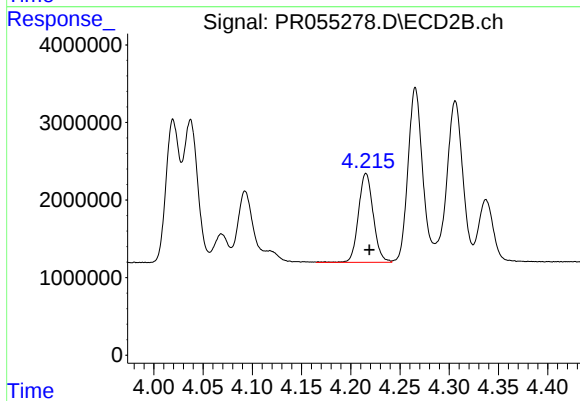
#17 AR-1242-2

R.T.: 4.037 min
Delta R.T.: -0.004 min
Response: 18402148
Conc: 282.57 ng/ml



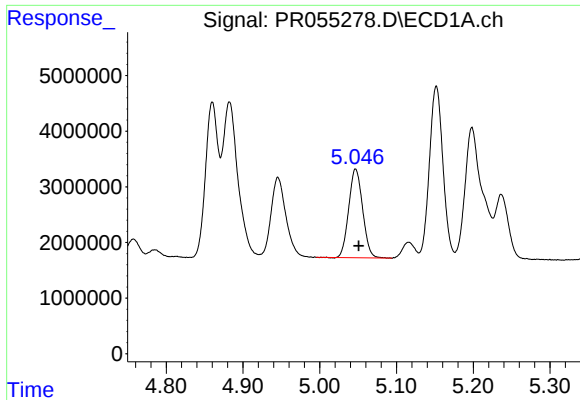
#18 AR-1242-3

R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 18254861
Conc: 250.40 ng/ml



#18 AR-1242-3

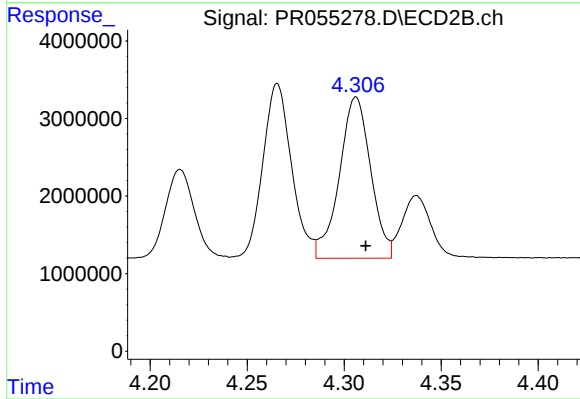
R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 11988162
Conc: 339.00 ng/ml



#19 AR-1242-4

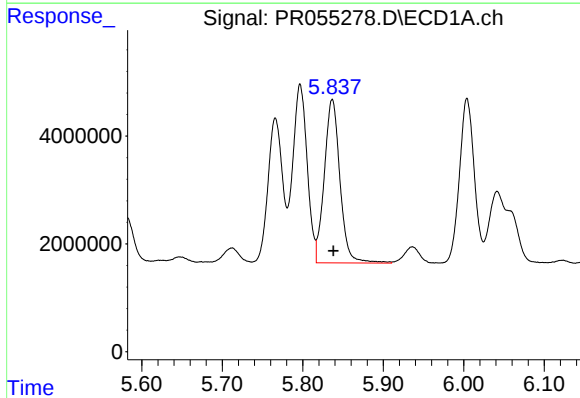
R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 20083889
Conc: 339.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



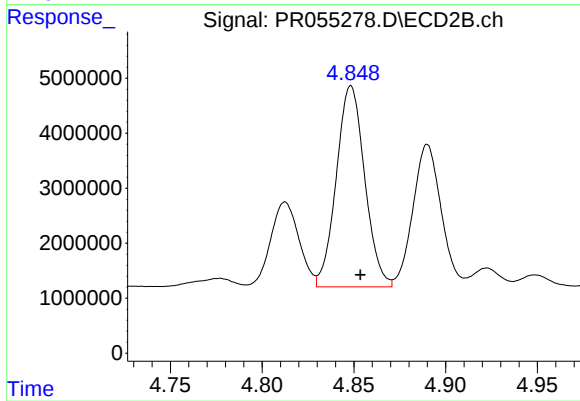
#19 AR-1242-4

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 23354763
Conc: 709.70 ng/ml



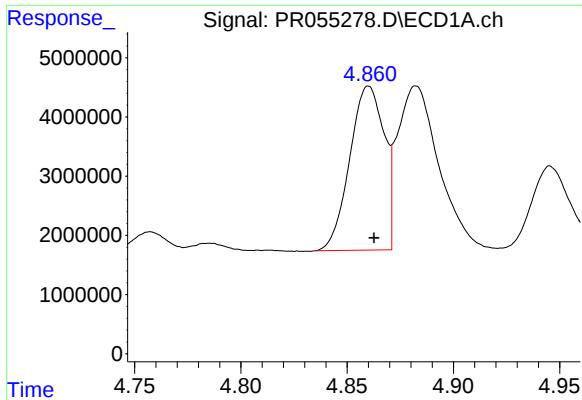
#20 AR-1242-5

R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 41049941
Conc: 783.83 ng/ml



#20 AR-1242-5

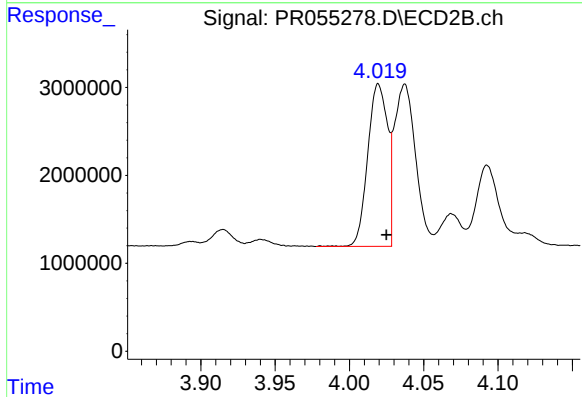
R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 39460892
Conc: 912.86 ng/ml



#21 AR-1248-1

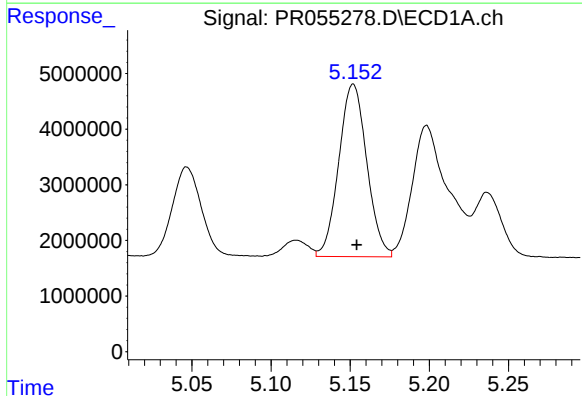
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 31129711
Conc: 462.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



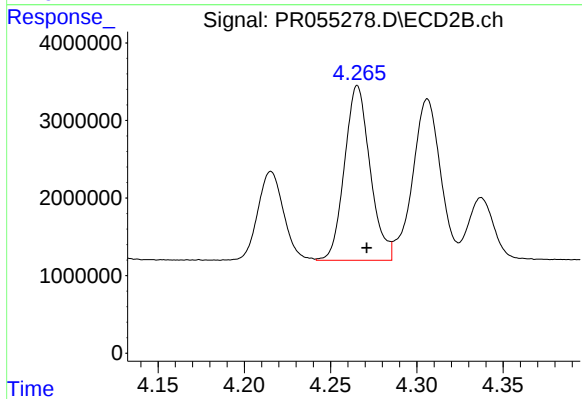
#21 AR-1248-1

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 17118613
Conc: 478.81 ng/ml



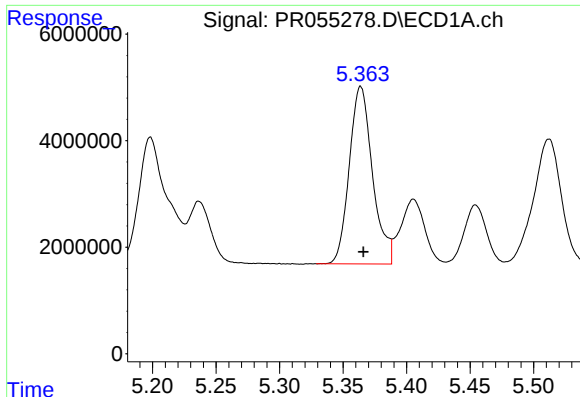
#22 AR-1248-2

R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 38237353
Conc: 464.80 ng/ml



#22 AR-1248-2

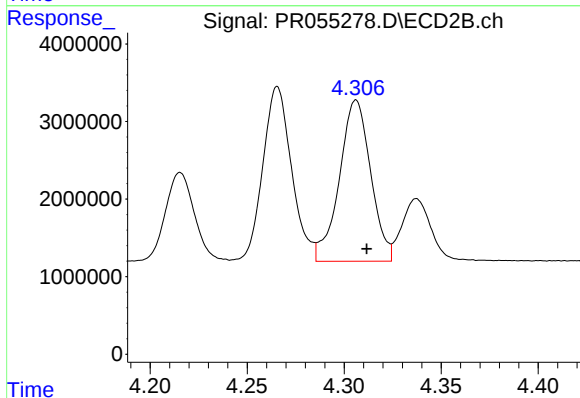
R.T.: 4.266 min
Delta R.T.: -0.005 min
Response: 23244519
Conc: 490.18 ng/ml



#23 AR-1248-3

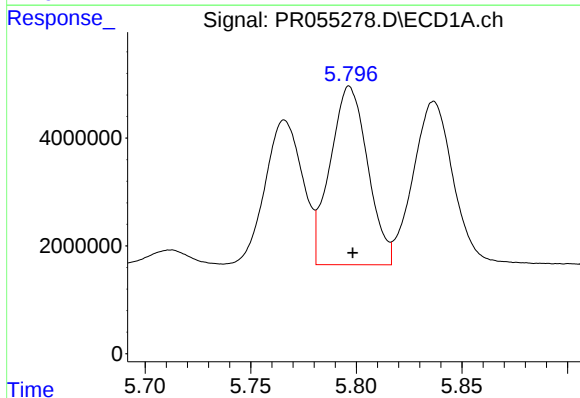
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 42347333
Conc: 473.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



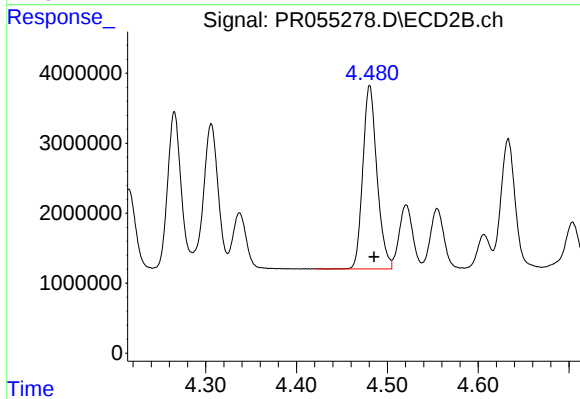
#23 AR-1248-3

R.T.: 4.306 min
Delta R.T.: -0.006 min
Response: 23354763
Conc: 490.90 ng/ml



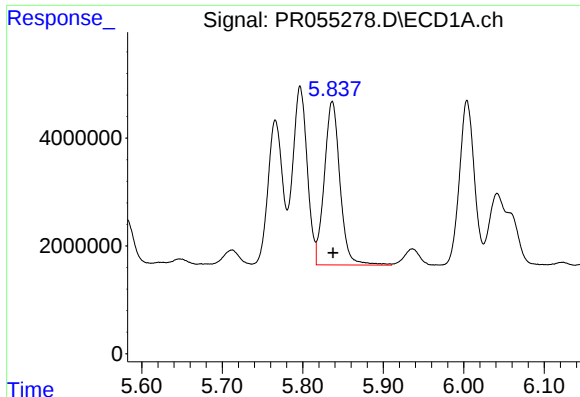
#24 AR-1248-4

R.T.: 5.797 min
Delta R.T.: -0.001 min
Response: 41033613
Conc: 462.80 ng/ml



#24 AR-1248-4

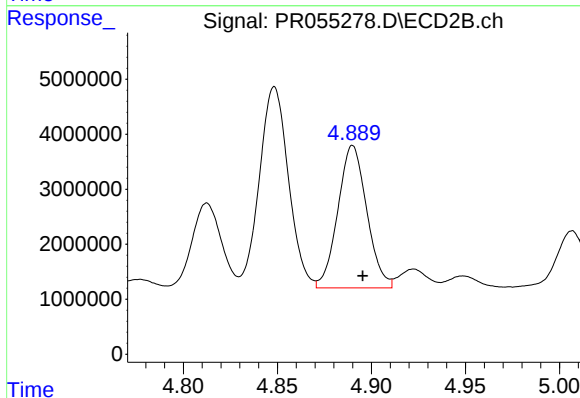
R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 28428570
Conc: 482.14 ng/ml



#25 AR-1248-5

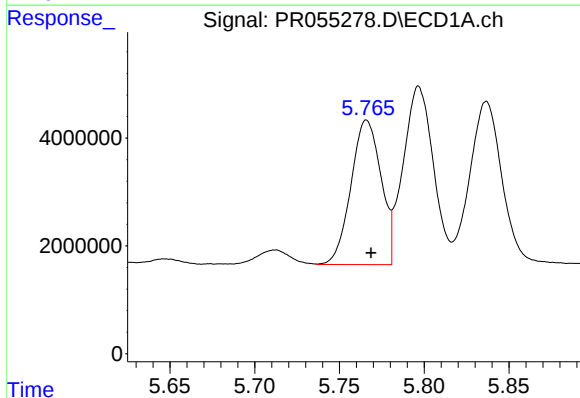
R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 41049941
Conc: 477.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



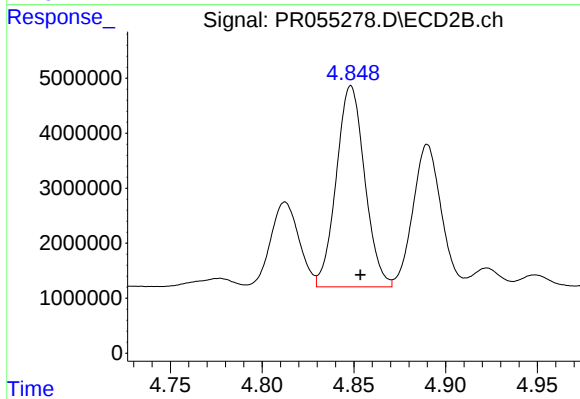
#25 AR-1248-5

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 27743791
Conc: 480.22 ng/ml



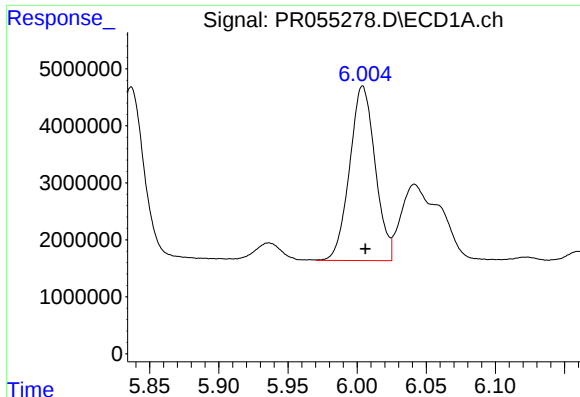
#26 AR-1254-1

R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 33059520
Conc: 355.11 ng/ml



#26 AR-1254-1

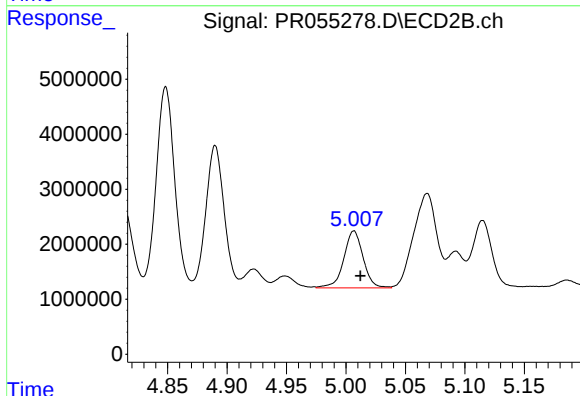
R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 39460892
Conc: 451.12 ng/ml



#27 AR-1254-2

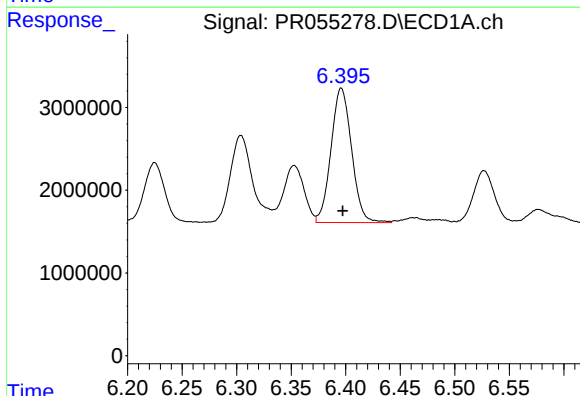
R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 39363090
Conc: 301.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



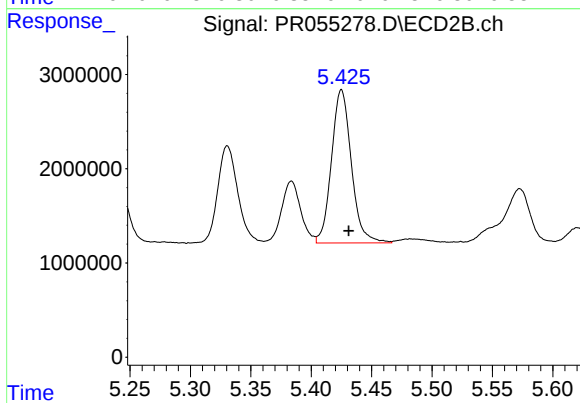
#27 AR-1254-2

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 11757868
Conc: 152.42 ng/ml



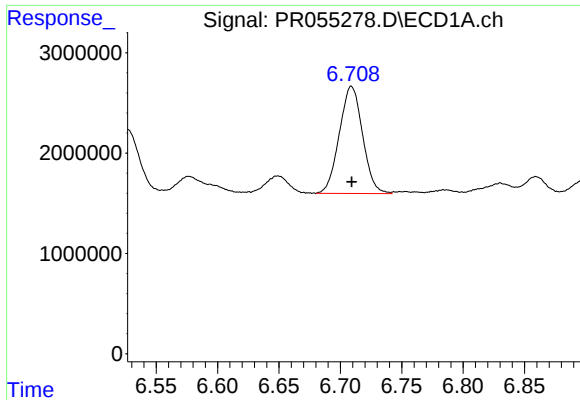
#28 AR-1254-3

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 21391451
Conc: 169.34 ng/ml



#28 AR-1254-3

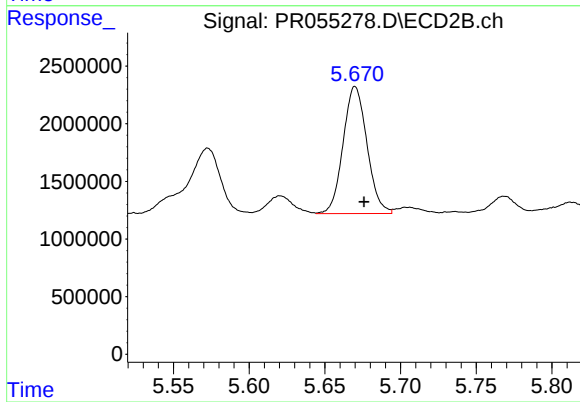
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 18647537
Conc: 151.28 ng/ml



#29 AR-1254-4

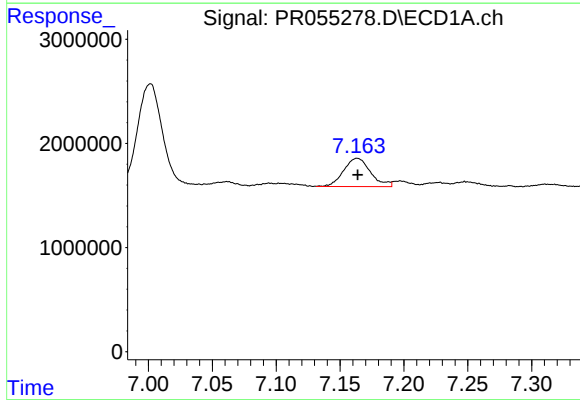
R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 14103292
Conc: 152.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



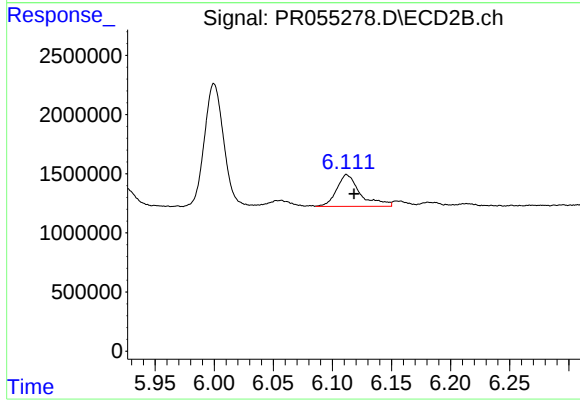
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 12116713
Conc: 153.97 ng/ml



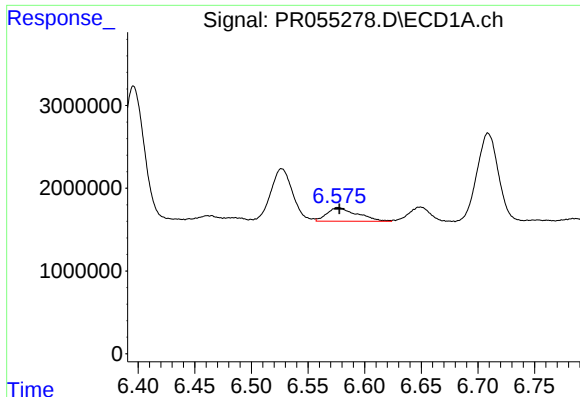
#30 AR-1254-5

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 3973345
Conc: 40.42 ng/ml



#30 AR-1254-5

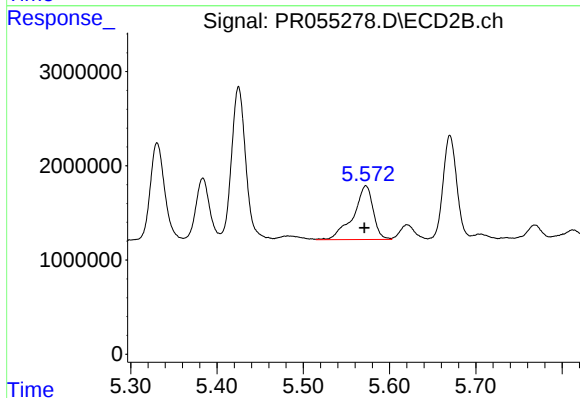
R.T.: 6.112 min
Delta R.T.: -0.006 min
Response: 3718823
Conc: 32.51 ng/ml



#31 AR-1260-1

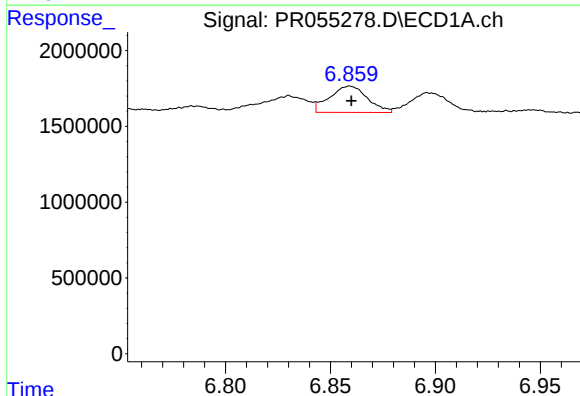
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 3038158
Conc: 34.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



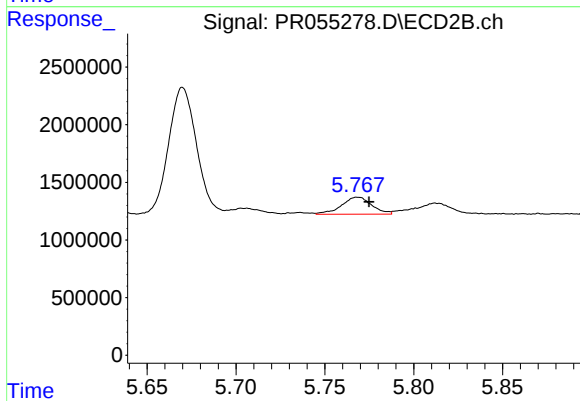
#31 AR-1260-1

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 9197594
Conc: 116.37 ng/ml



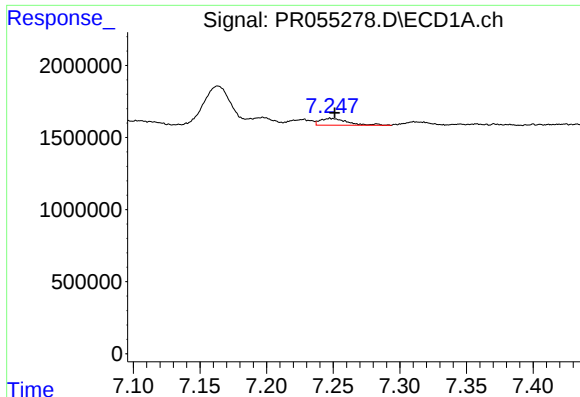
#32 AR-1260-2

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2180467
Conc: 21.77 ng/ml



#32 AR-1260-2

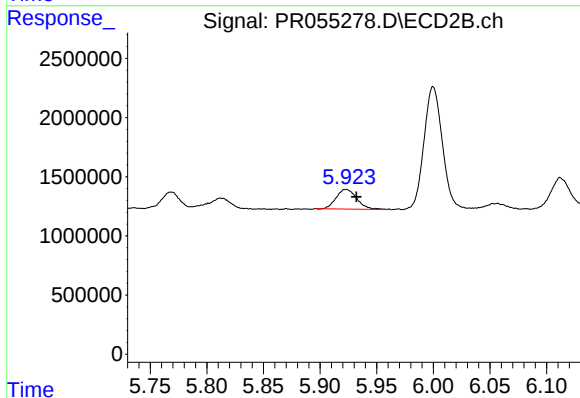
R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 1738160
Conc: 18.44 ng/ml



#33 AR-1260-3

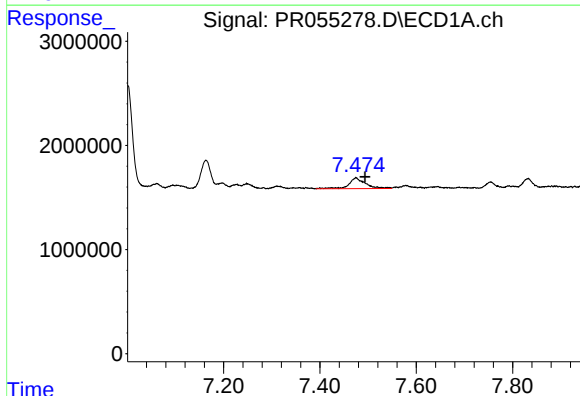
R.T.: 7.248 min
Delta R.T.: -0.003 min
Response: 684426
Conc: 10.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



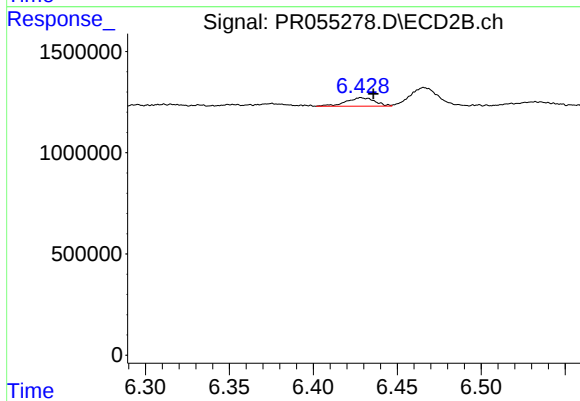
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.009 min
Response: 2117142
Conc: 23.71 ng/ml



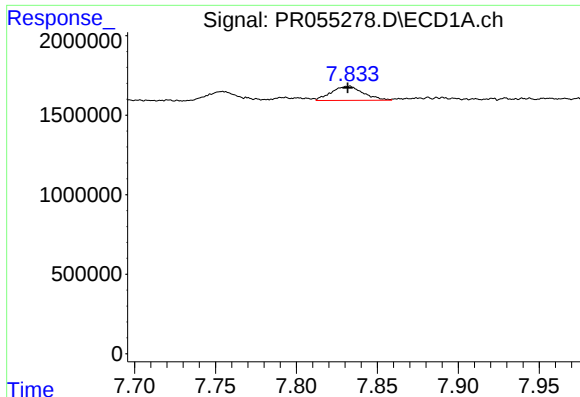
#34 AR-1260-4

R.T.: 7.475 min
Delta R.T.: -0.018 min
Response: 2503085
Conc: 31.11 ng/ml



#34 AR-1260-4

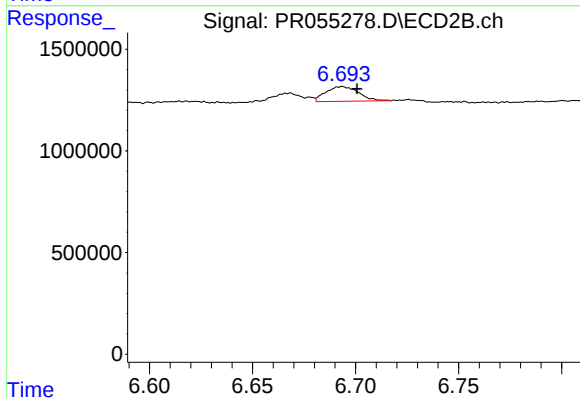
R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 498306
Conc: 7.24 ng/ml



#35 AR-1260-5

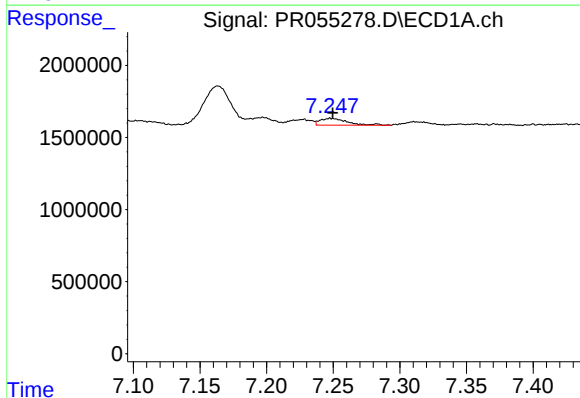
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 1211982
Conc: 7.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



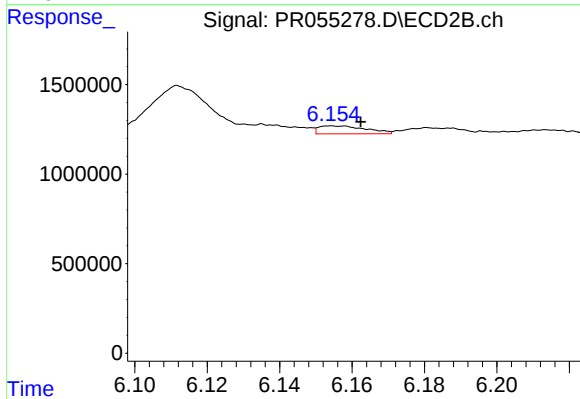
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: -0.007 min
Response: 804982
Conc: 4.91 ng/ml



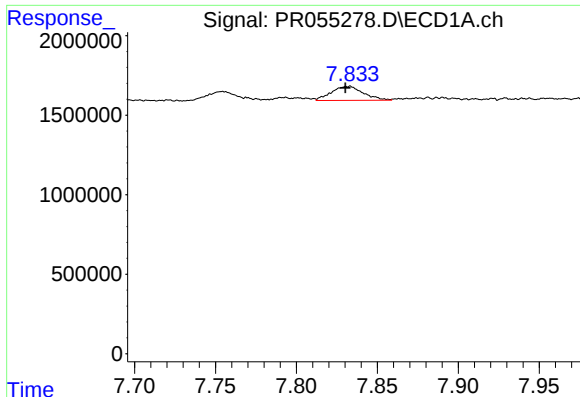
#36 AR-1262-1

R.T.: 7.248 min
Delta R.T.: -0.001 min
Response: 684426
Conc: 6.62 ng/ml



#36 AR-1262-1

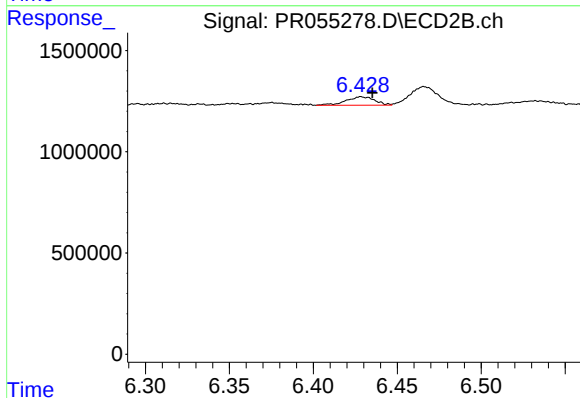
R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 406570
Conc: 3.80 ng/ml



#37 AR-1262-2

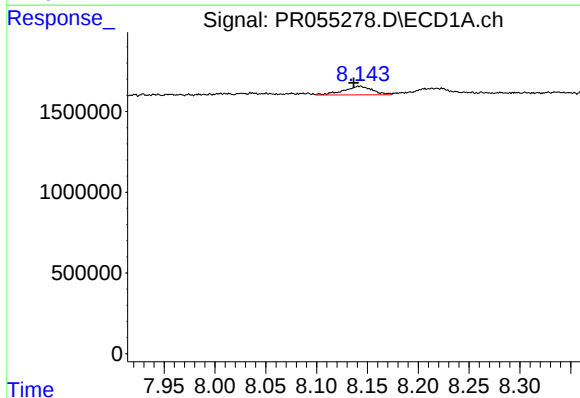
R.T.: 7.832 min
Delta R.T.: 0.001 min
Response: 1211982
Conc: 6.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



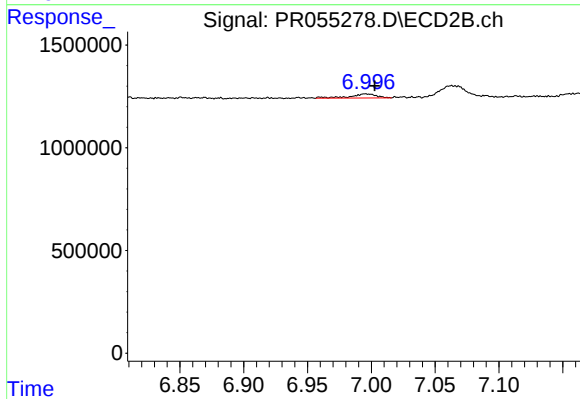
#37 AR-1262-2

R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 498306
Conc: 5.12 ng/ml



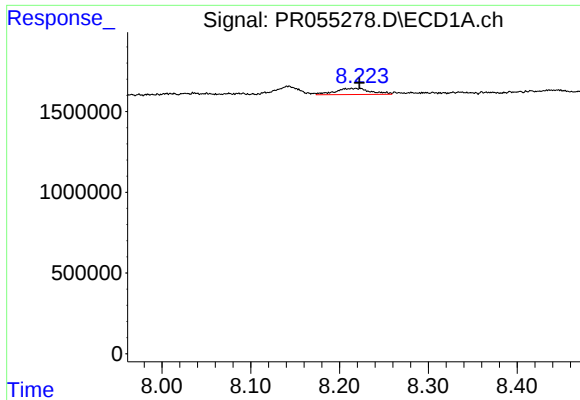
#38 AR-1262-3

R.T.: 8.142 min
Delta R.T.: 0.006 min
Response: 1051763
Conc: 8.44 ng/ml



#38 AR-1262-3

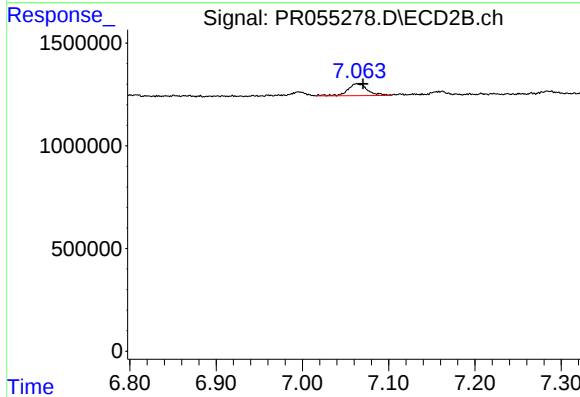
R.T.: 6.995 min
Delta R.T.: -0.007 min
Response: 294879
Conc: 3.84 ng/ml



#39 AR-1262-4

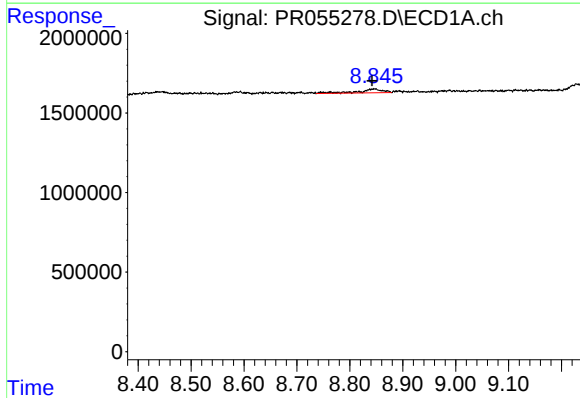
R.T.: 8.219 min
Delta R.T.: -0.004 min
Response: 1045057
Conc: 18.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



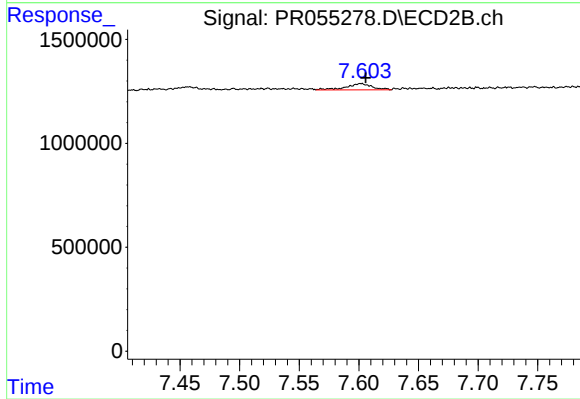
#39 AR-1262-4

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 948448
Conc: 6.49 ng/ml



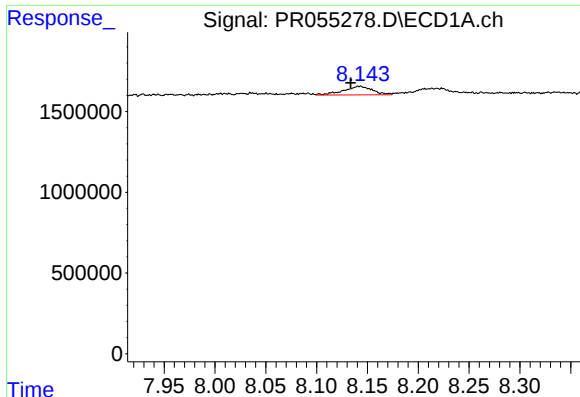
#40 AR-1262-5

R.T.: 8.846 min
Delta R.T.: 0.004 min
Response: 748155
Conc: 10.94 ng/ml



#40 AR-1262-5

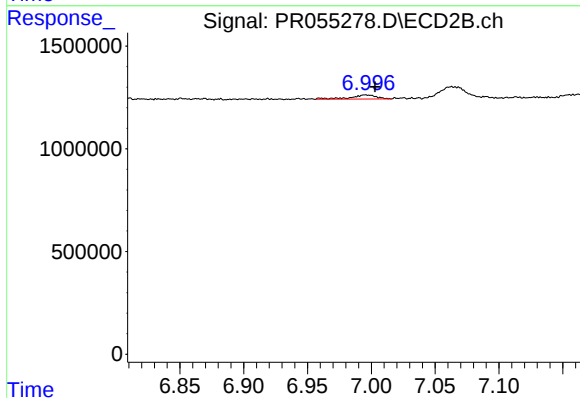
R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 458804
Conc: 6.65 ng/ml



#41 AR-1268-1

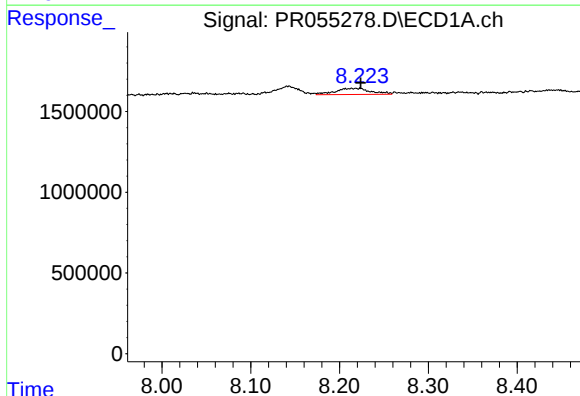
R.T.: 8.142 min
Delta R.T.: 0.009 min
Response: 1051763
Conc: 5.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



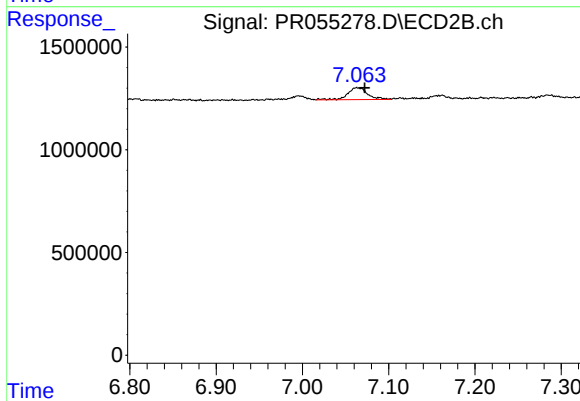
#41 AR-1268-1

R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 294879
Conc: 1.35 ng/ml



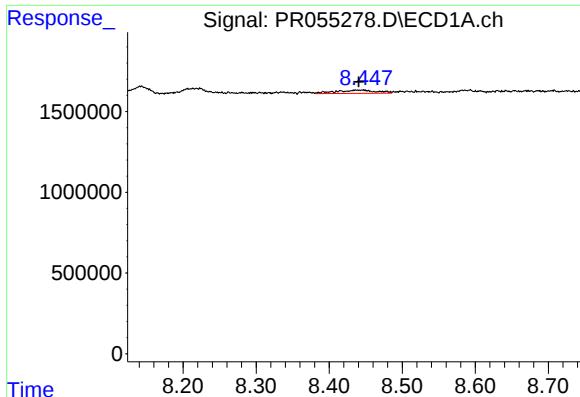
#42 AR-1268-2

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 1045057
Conc: 5.63 ng/ml



#42 AR-1268-2

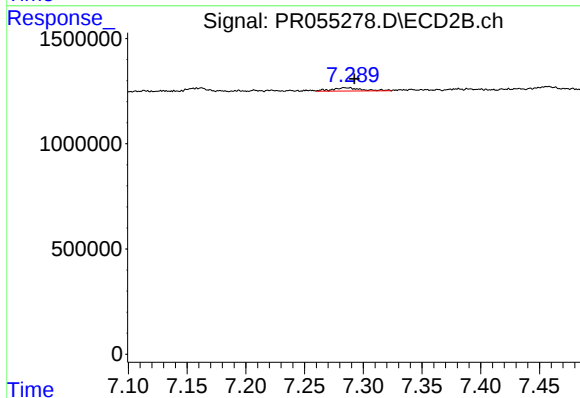
R.T.: 7.063 min
Delta R.T.: -0.009 min
Response: 948448
Conc: 4.74 ng/ml



#43 AR-1268-3

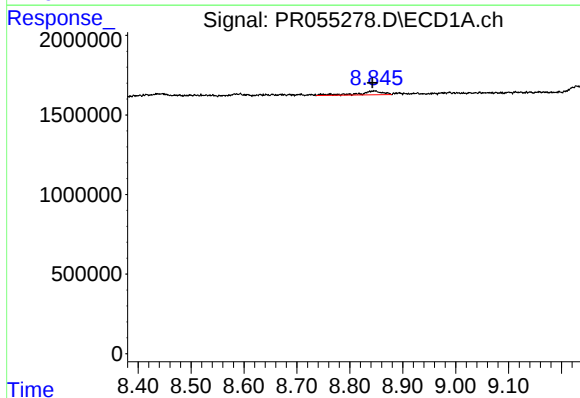
R.T.: 8.438 min
Delta R.T.: -0.002 min
Response: 761210
Conc: 4.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



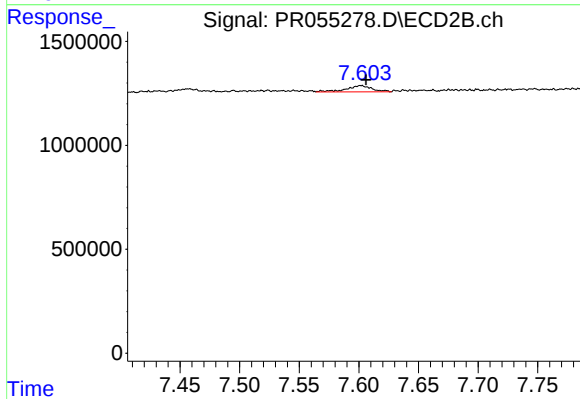
#43 AR-1268-3

R.T.: 7.284 min
Delta R.T.: -0.008 min
Response: 274829
Conc: 1.65 ng/ml



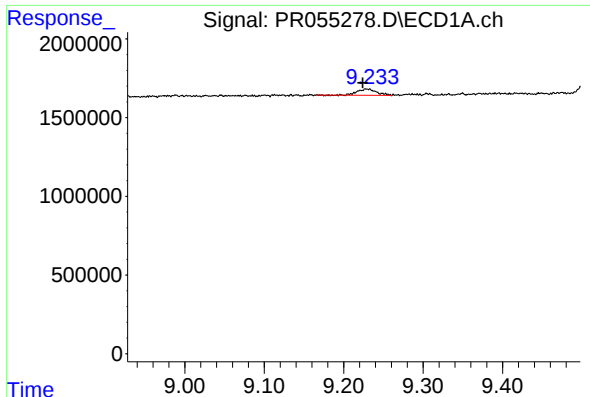
#44 AR-1268-4

R.T.: 8.846 min
Delta R.T.: 0.004 min
Response: 748155
Conc: 10.21 ng/ml



#44 AR-1268-4

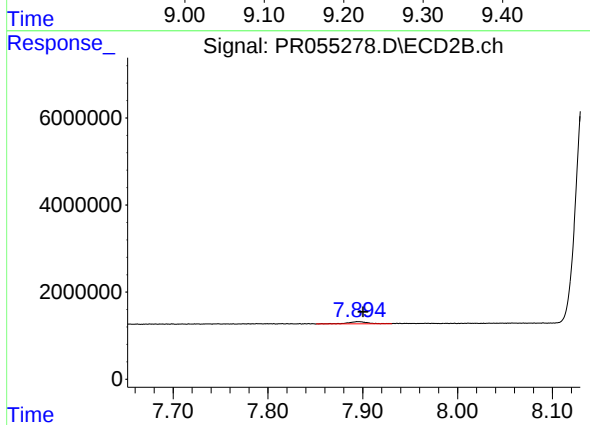
R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 458804
Conc: 6.16 ng/ml



#45 AR-1268-5

R.T.: 9.230 min
Delta R.T.: 0.006 min
Response: 692568
Conc: 1.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 725410
Conc: 1.36 ng/ml