

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081518\
 Data File : PR031425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 01:09 pm
 Operator : SM\SJ
 Sample : PB113053BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 13:23:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 14 15:13:53 2018
 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...	4.553	3.680	358.3E6	671.7E6	20.661	21.024
2)	SA Decachlor...	10.333	8.565	657.7E6	448.5E6	19.489	19.010
Target Compounds							
3)	L1 AR-1016-1	4.919	4.333	65083494	199.3E6	202.360	210.949
4)	L1 AR-1016-2	5.447	4.736	102.3E6	302.0E6	213.184	214.286
5)	L1 AR-1016-3	5.736	4.752	239.8E6	549.1E6	209.347	215.111
6)	L1 AR-1016-4	5.798	4.809	139.7E6	327.4E6	198.242	206.266
7)	L1 AR-1016-5	6.331	4.964	130.3E6	221.0E6	191.527	223.834
8)	L2 AR-1221-1	0.000	3.885	0	21616570	N.D.	62.230 #
9)	L2 AR-1221-2	4.843	3.971	21397224	35325986	144.990	126.104
10)	L2 AR-1221-3	4.919	4.045	65083494	138.0E6	138.467	156.047
11)	L3 AR-1232-1	5.253	4.352	93572553	117.6E6	470.658	445.792
12)	L3 AR-1232-2	5.447	4.752	102.3E6	549.1E6	501.011	517.649
13)	L3 AR-1232-3	5.736	4.809	239.8E6	327.4E6	507.033	484.281
14)	L3 AR-1232-4	5.798	5.005	139.7E6	269.6E6	470.886	573.496
15)	L3 AR-1232-5	6.190	5.318	123.2E6	320.8E6	519.865	541.616
16)	L4 AR-1242-1	5.447	4.521	102.3E6	224.3E6	263.976	279.246
17)	L4 AR-1242-2	5.713	4.752	164.5E6	549.1E6	263.837	273.020
18)	L4 AR-1242-3	5.736	4.926	239.8E6	265.4E6	266.984	271.422
19)	L4 AR-1242-4	6.190	4.964	123.2E6	221.0E6	249.359	280.365
20)	L4 AR-1242-5	6.331	5.173	130.3E6	297.7E6	228.996	263.092
21)	L5 AR-1248-1	6.190	4.964	123.2E6	221.0E6	147.915	154.160
22)	L5 AR-1248-2	6.331	5.005	130.3E6	269.6E6	181.582	178.759
23)	L5 AR-1248-3	6.591	5.173	45712427	297.7E6	43.811	153.496 #
24)	L5 AR-1248-4	6.632	5.516	39455157	329.5E6	39.662	110.268 #
25)	L5 AR-1248-5	6.783	5.557	102.4E6	94311602	101.913	40.003 #
26)	L6 AR-1254-1	5.985	4.964	105.4E6	221.0E6	201.375	198.154
27)	L6 AR-1254-2	6.783	5.658	102.4E6	249.6E6	60.041	78.933 #
28)	L6 AR-1254-3	7.150	6.066	62842399	483.4E6	31.760	93.042 #
29)	L6 AR-1254-4	7.435	6.281	51990211	56555917	30.639	13.607 #
30)	L6 AR-1254-5	7.852	6.687	393.8E6	698.8E6	259.619	241.589
31)	L7 AR-1260-1	7.314	6.180	274.3E6	658.8E6	183.950	199.787
32)	L7 AR-1260-2	7.569	6.365	370.4E6	806.7E6	186.591	195.308
33)	L7 AR-1260-3	7.852	6.721	393.8E6	601.0E6	178.180	199.350
34)	L7 AR-1260-4	8.483	7.219	755.8E6	901.1E6	218.355	201.325
35)	L7 AR-1260-5	8.815	7.560	441.2E6	514.5E6	213.877	198.281
36)	L8 AR-1262-1	7.314	6.180	274.3E6	658.8E6	218.822	225.750
37)	L8 AR-1262-2	7.569	6.365	370.4E6	806.7E6	220.586	232.170
38)	L8 AR-1262-3	7.930	6.721	301.0E6	601.0E6	122.236	147.658
39)	L8 AR-1262-4	8.158	6.978	306.1E6	417.8E6	148.892	156.538
40)	L8 AR-1262-5	8.483	7.219	755.8E6	901.1E6	170.591	191.103
41)	L9 AR-1268-1	8.815	7.494	441.2E6	210.3E6	97.101	51.932 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081518\
 Data File : PR031425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 01:09 pm
 Operator : SM\SJ
 Sample : PB113053BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

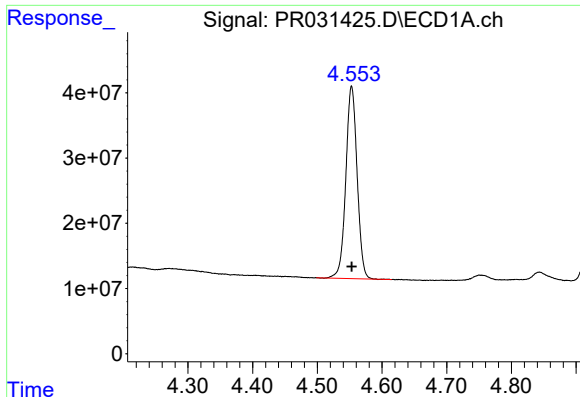
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 13:23:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 14 15:13:53 2018
 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	8.876	7.560	280.0E6	514.5E6	71.742	149.322 #
44) L9	AR-1268-4	9.562	8.050	216.8E6	152.4E6	138.521	131.532
45) L9	AR-1268-5	9.987	8.328	50452578	42054859	4.802	6.073 #

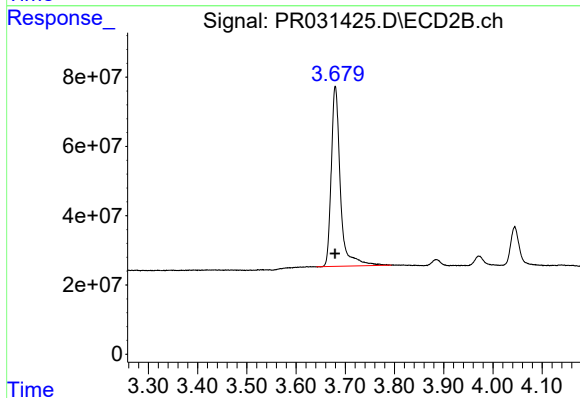
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

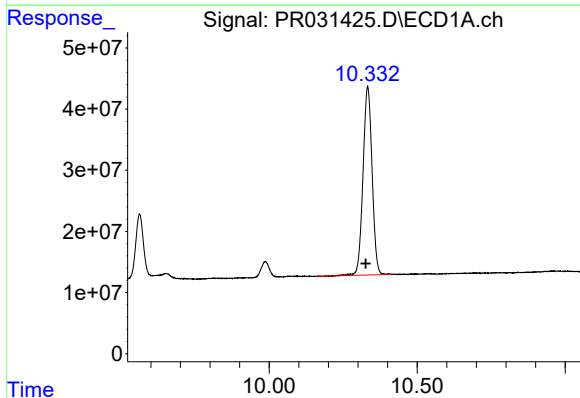
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 358263713
Conc: 20.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



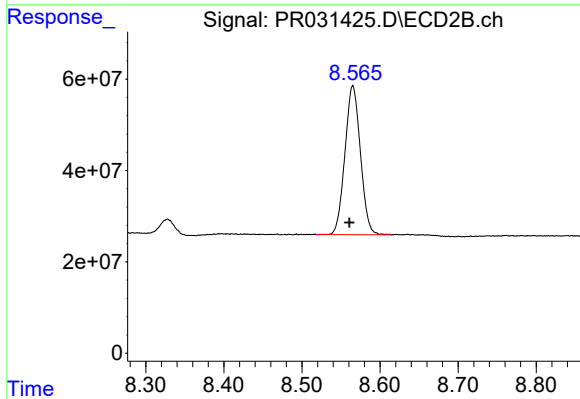
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 671690472
Conc: 21.02 ng/ml



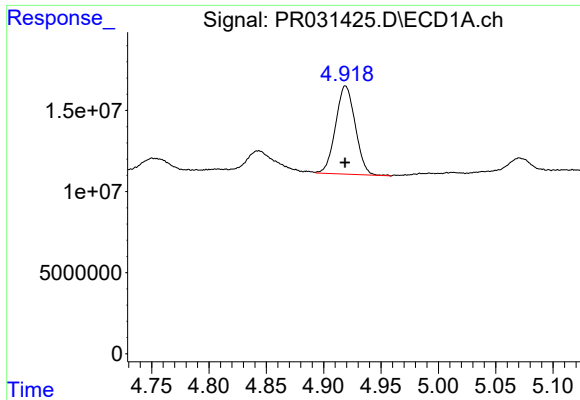
#2 Decachlorobiphenyl

R.T.: 10.333 min
Delta R.T.: 0.007 min
Response: 657716941
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

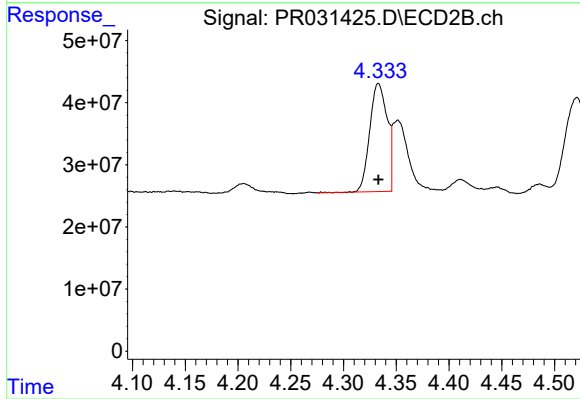
R.T.: 8.565 min
Delta R.T.: 0.004 min
Response: 448540147
Conc: 19.01 ng/ml



#3 AR-1016-1

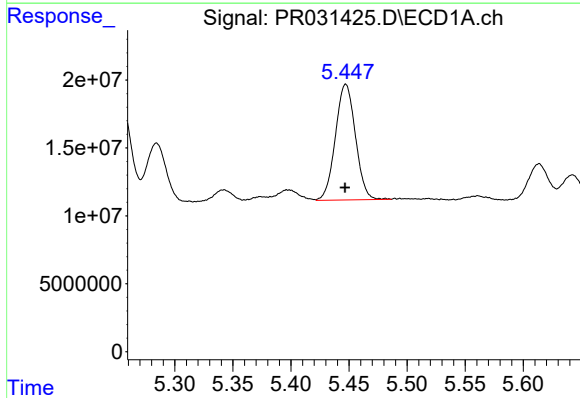
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 65083494
Conc: 202.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



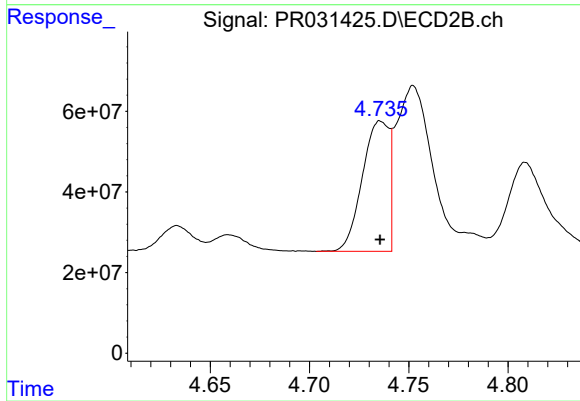
#3 AR-1016-1

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 199298214
Conc: 210.95 ng/ml



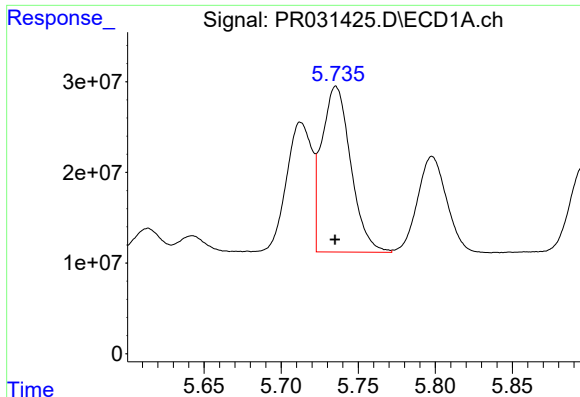
#4 AR-1016-2

R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 102310958
Conc: 213.18 ng/ml



#4 AR-1016-2

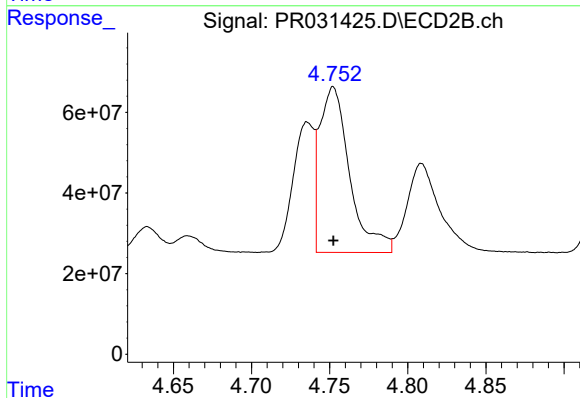
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 302048320
Conc: 214.29 ng/ml



#5 AR-1016-3

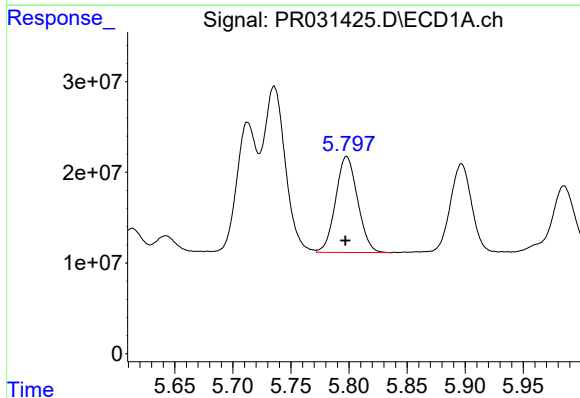
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 239839575
Conc: 209.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



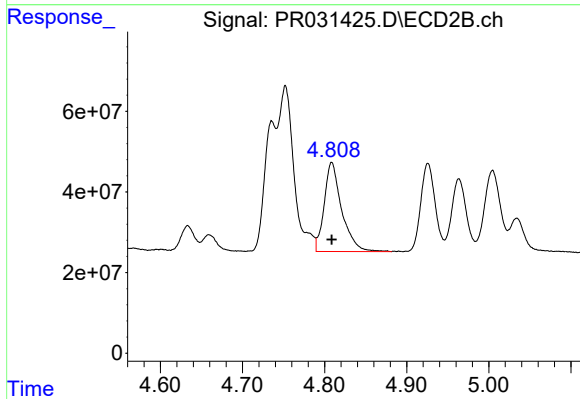
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 549071519
Conc: 215.11 ng/ml



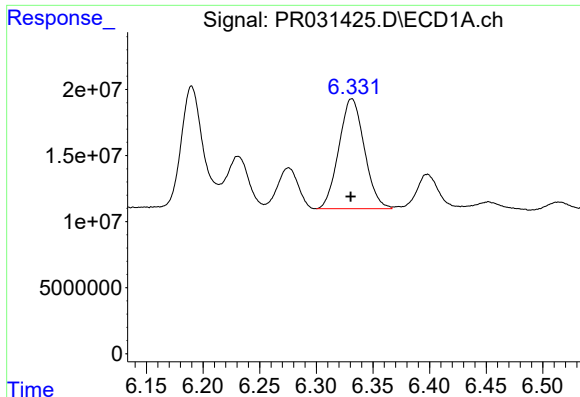
#6 AR-1016-4

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 139650053
Conc: 198.24 ng/ml



#6 AR-1016-4

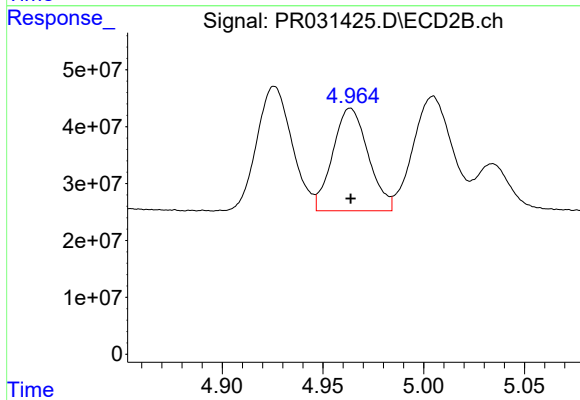
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 327385848
Conc: 206.27 ng/ml



#7 AR-1016-5

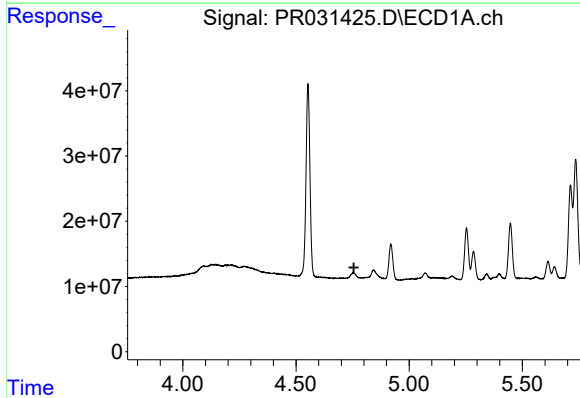
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 130338985
Conc: 191.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



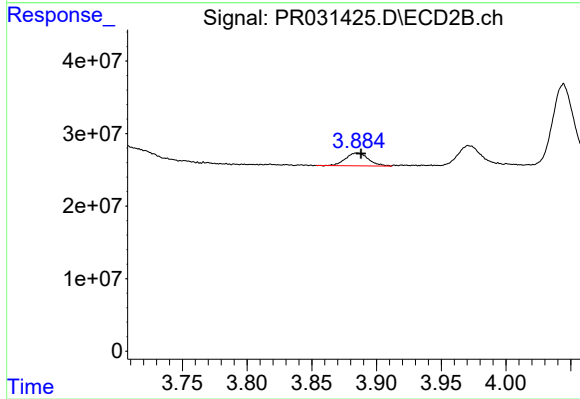
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 221040419
Conc: 223.83 ng/ml



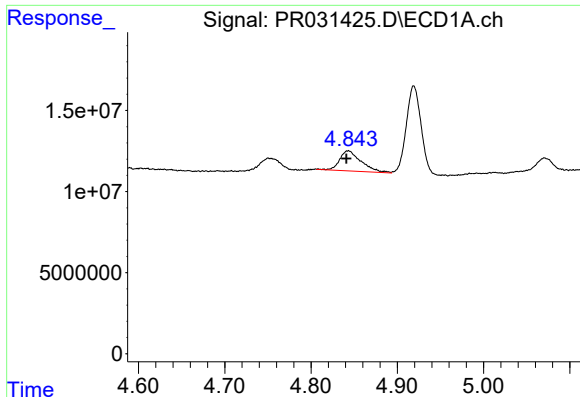
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.756 min
Response: 0
Conc: N.D.



#8 AR-1221-1

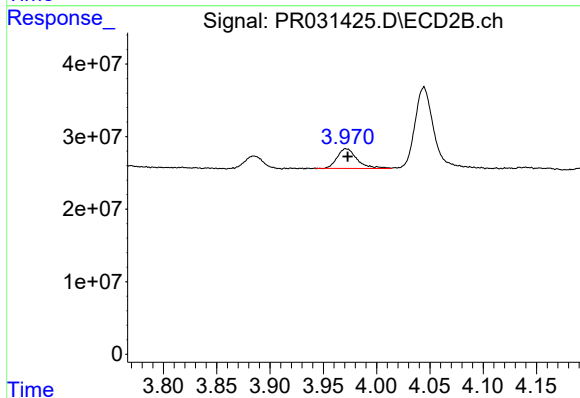
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 21616570
Conc: 62.23 ng/ml



#9 AR-1221-2

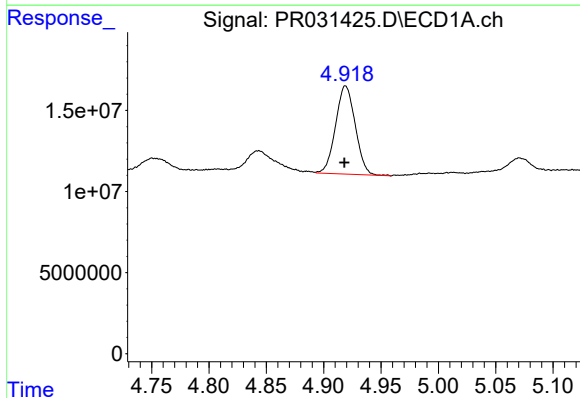
R.T.: 4.843 min
Delta R.T.: 0.002 min
Response: 21397224
Conc: 144.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



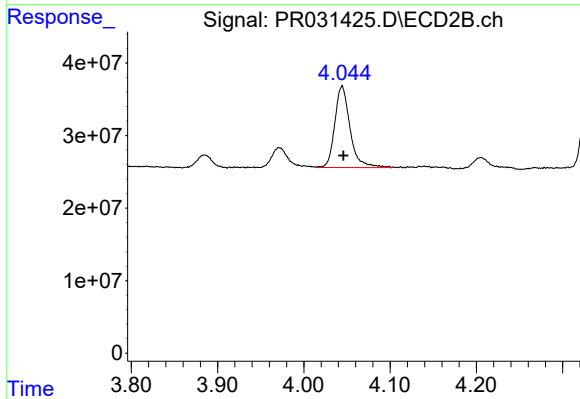
#9 AR-1221-2

R.T.: 3.971 min
Delta R.T.: -0.002 min
Response: 35325986
Conc: 126.10 ng/ml



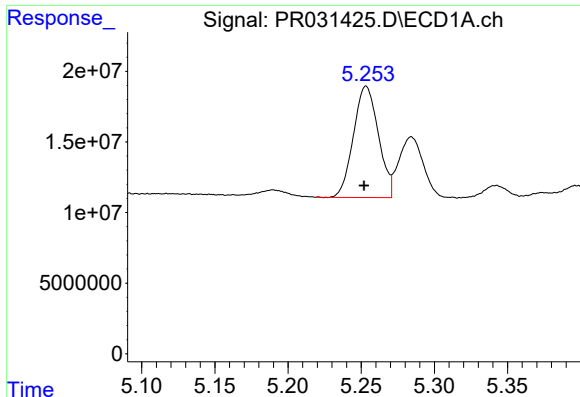
#10 AR-1221-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 65083494
Conc: 138.47 ng/ml



#10 AR-1221-3

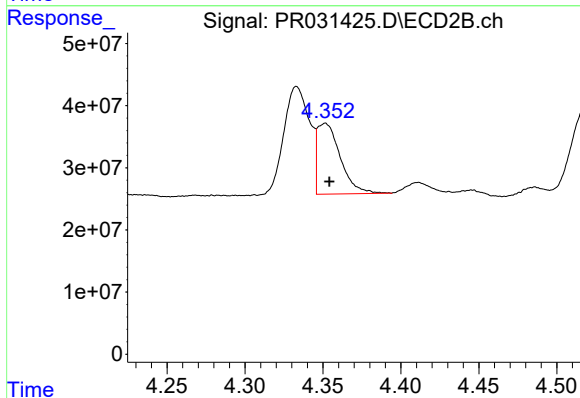
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 137996296
Conc: 156.05 ng/ml



#11 AR-1232-1

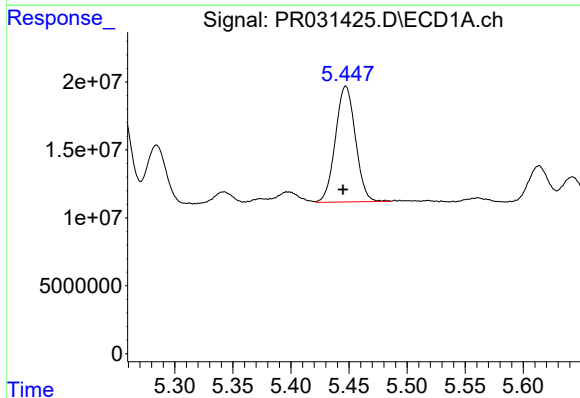
R.T.: 5.253 min
Delta R.T.: 0.001 min
Response: 93572553
Conc: 470.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



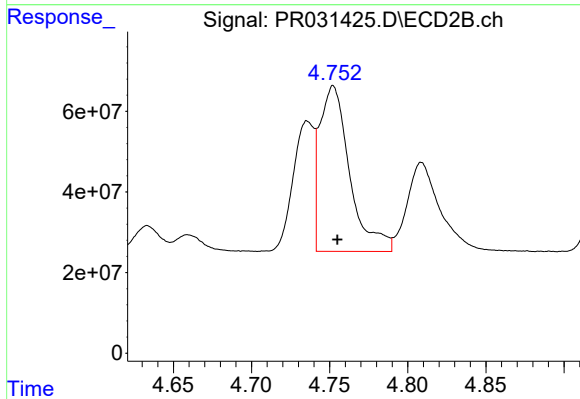
#11 AR-1232-1

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 117568334
Conc: 445.79 ng/ml



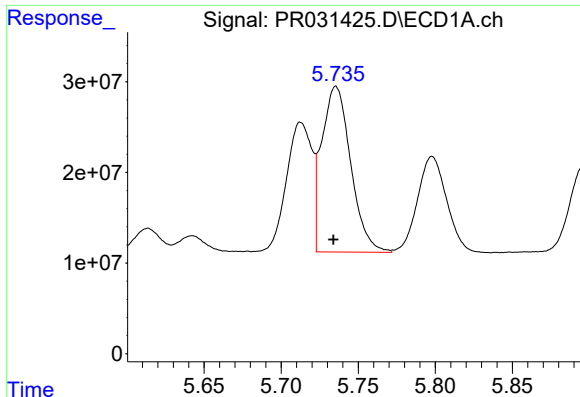
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 102310958
Conc: 501.01 ng/ml



#12 AR-1232-2

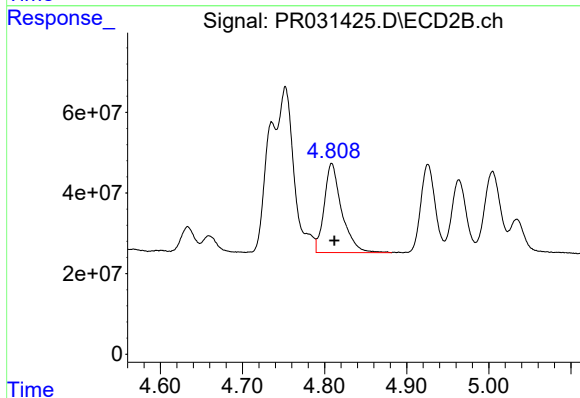
R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 549071519
Conc: 517.65 ng/ml



#13 AR-1232-3

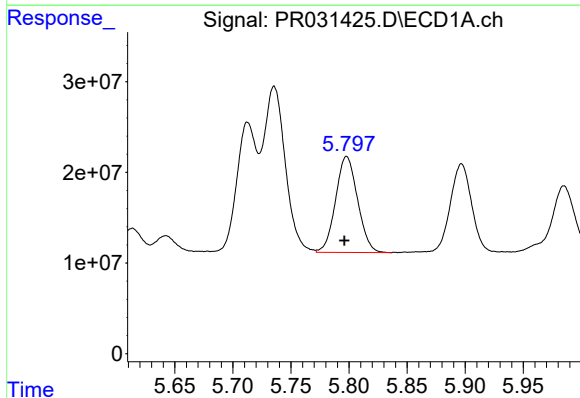
R.T.: 5.736 min
Delta R.T.: 0.002 min
Response: 239839575
Conc: 507.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



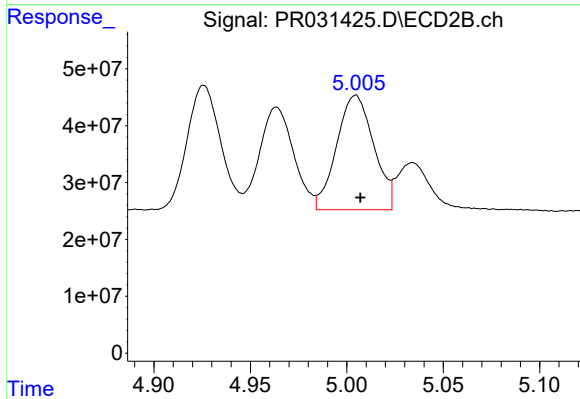
#13 AR-1232-3

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 327385848
Conc: 484.28 ng/ml



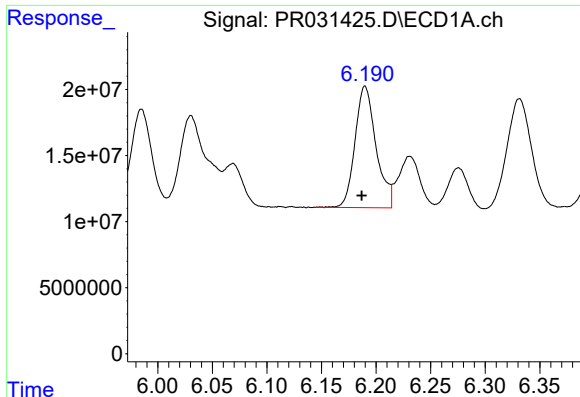
#14 AR-1232-4

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 139650053
Conc: 470.89 ng/ml



#14 AR-1232-4

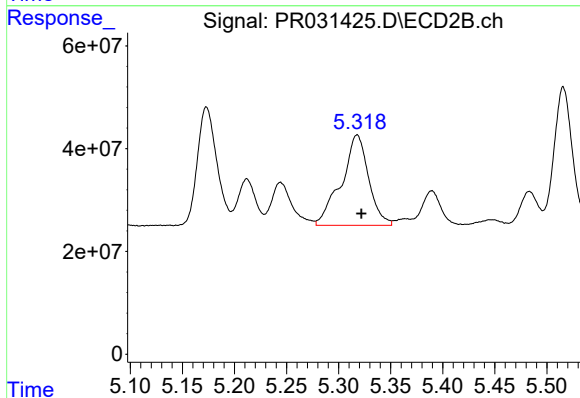
R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 269573731
Conc: 573.50 ng/ml



#15 AR-1232-5

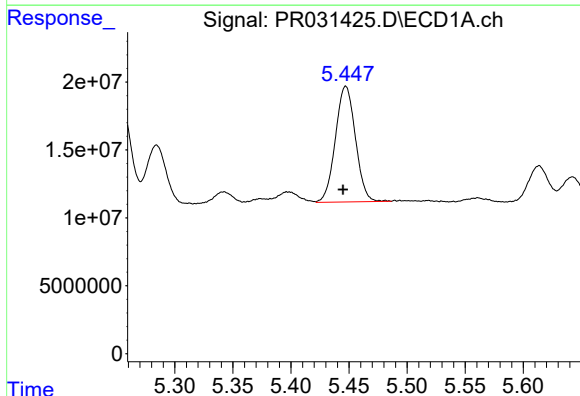
R.T.: 6.190 min
Delta R.T.: 0.003 min
Response: 123220593
Conc: 519.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



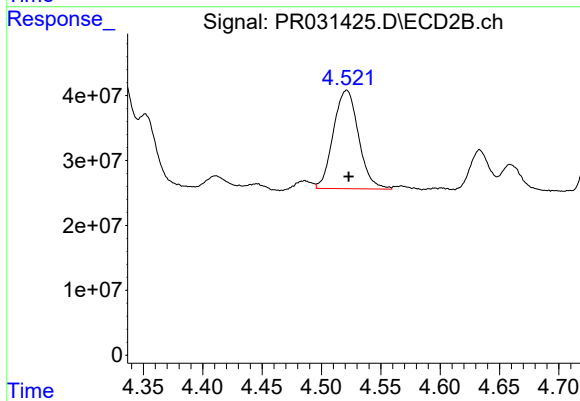
#15 AR-1232-5

R.T.: 5.318 min
Delta R.T.: -0.004 min
Response: 320810981
Conc: 541.62 ng/ml



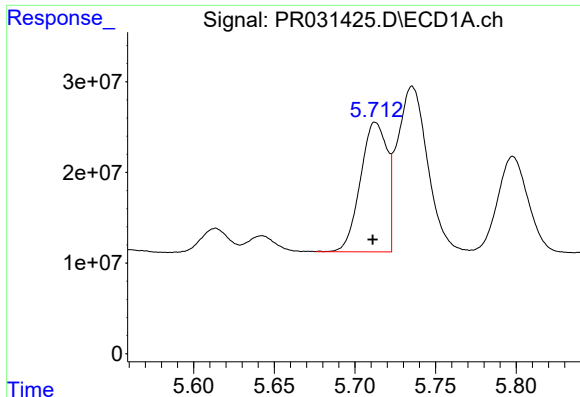
#16 AR-1242-1

R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 102310958
Conc: 263.98 ng/ml



#16 AR-1242-1

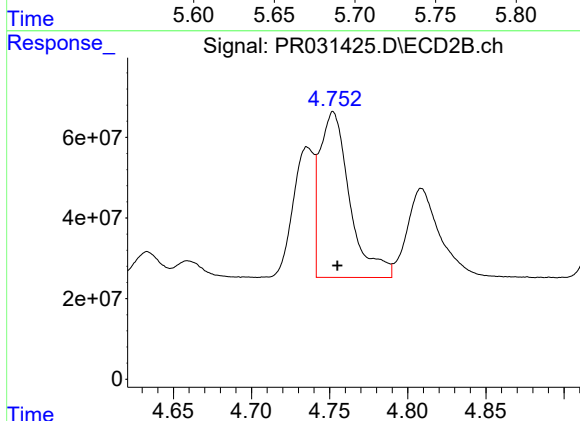
R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 224322047
Conc: 279.25 ng/ml



#17 AR-1242-2

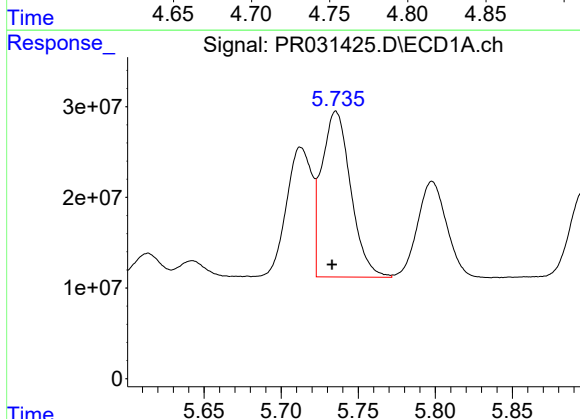
R.T.: 5.713 min
Delta R.T.: 0.002 min
Response: 164507639
Conc: 263.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



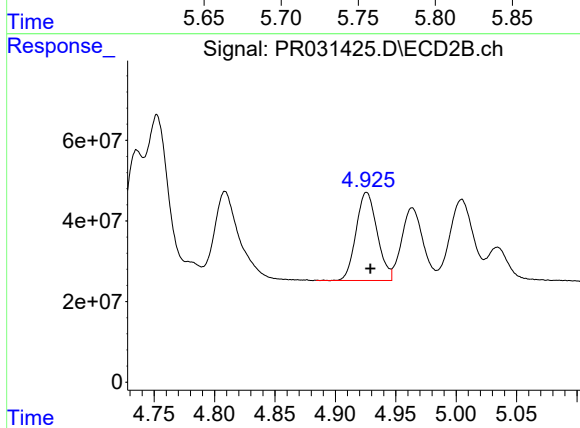
#17 AR-1242-2

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 549071519
Conc: 273.02 ng/ml



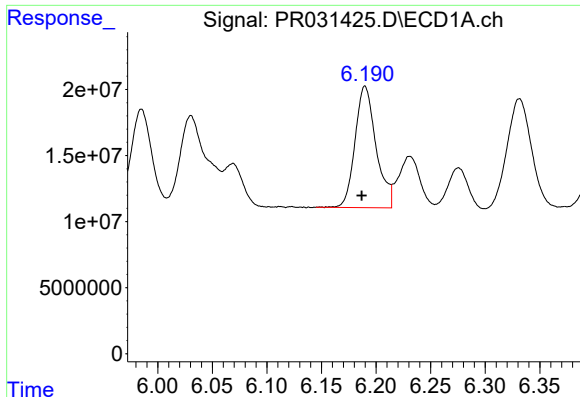
#18 AR-1242-3

R.T.: 5.736 min
Delta R.T.: 0.003 min
Response: 239839575
Conc: 266.98 ng/ml



#18 AR-1242-3

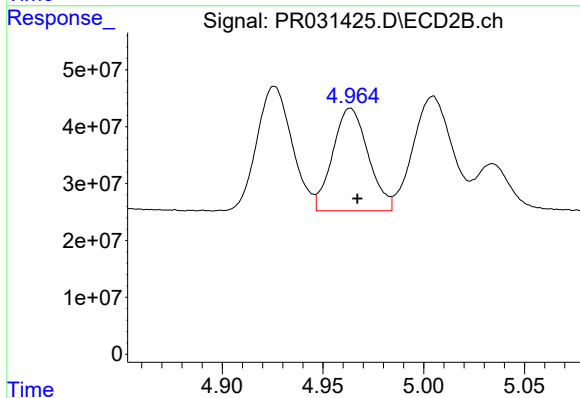
R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 265403645
Conc: 271.42 ng/ml



#19 AR-1242-4

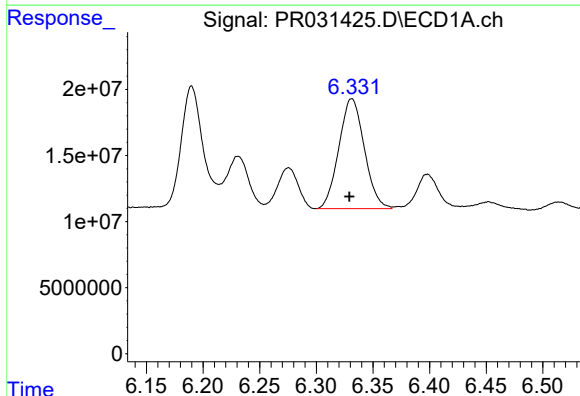
R.T.: 6.190 min
Delta R.T.: 0.003 min
Response: 123220593
Conc: 249.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



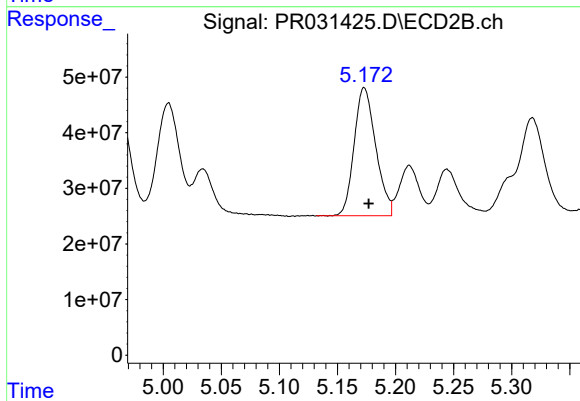
#19 AR-1242-4

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 221040419
Conc: 280.36 ng/ml



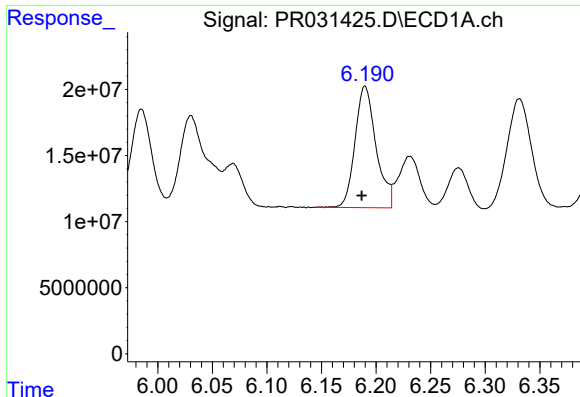
#20 AR-1242-5

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 130338985
Conc: 229.00 ng/ml



#20 AR-1242-5

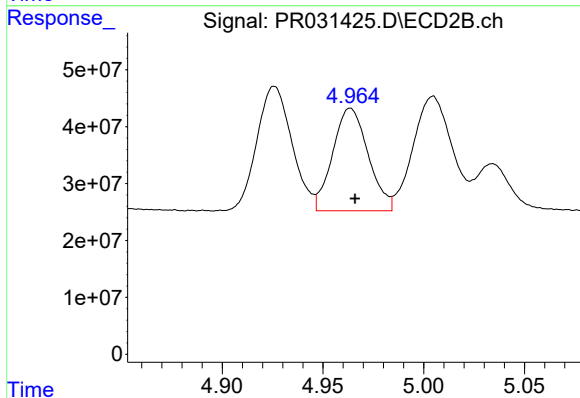
R.T.: 5.173 min
Delta R.T.: -0.004 min
Response: 297728549
Conc: 263.09 ng/ml



#21 AR-1248-1

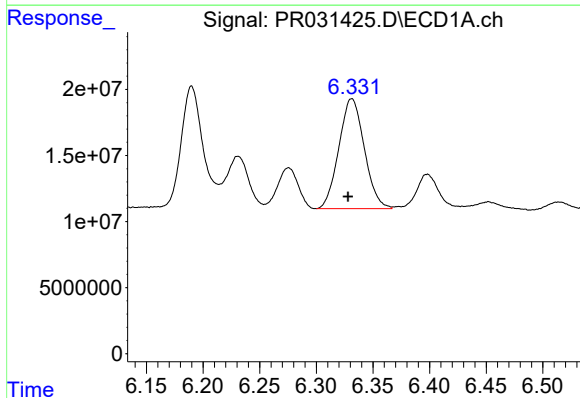
R.T.: 6.190 min
Delta R.T.: 0.003 min
Response: 123220593
Conc: 147.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



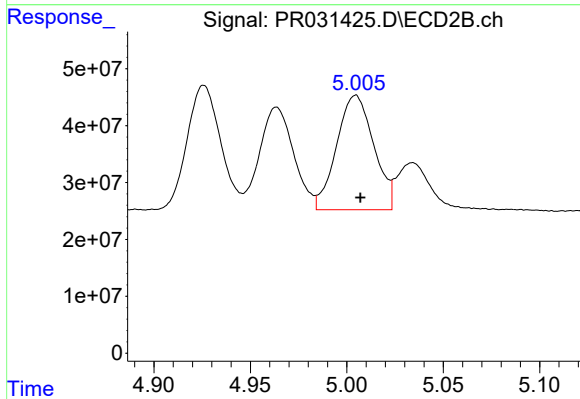
#21 AR-1248-1

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 221040419
Conc: 154.16 ng/ml



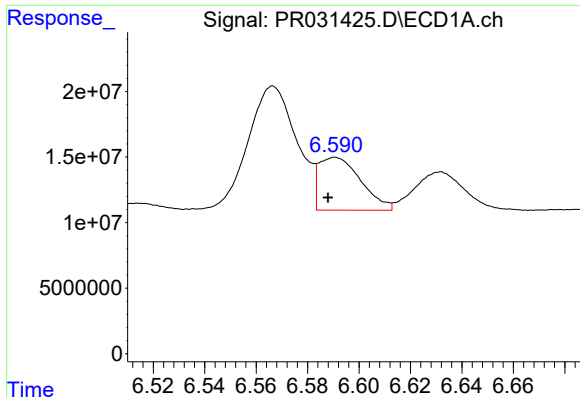
#22 AR-1248-2

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 130338985
Conc: 181.58 ng/ml



#22 AR-1248-2

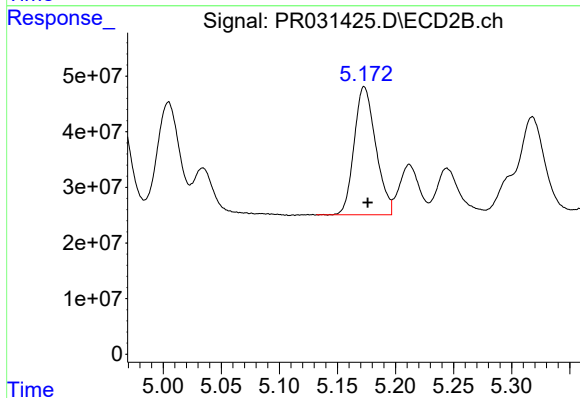
R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 269573731
Conc: 178.76 ng/ml



#23 AR-1248-3

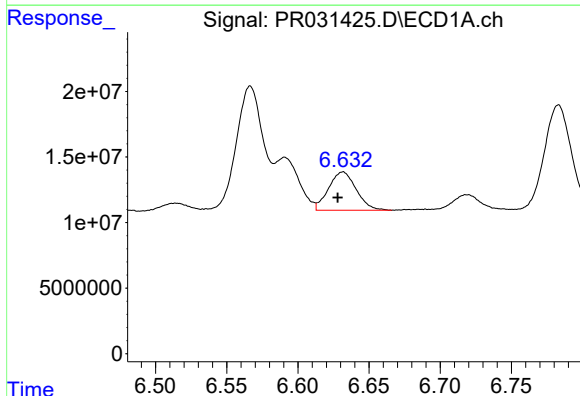
R.T.: 6.591 min
Delta R.T.: 0.003 min
Response: 45712427
Conc: 43.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



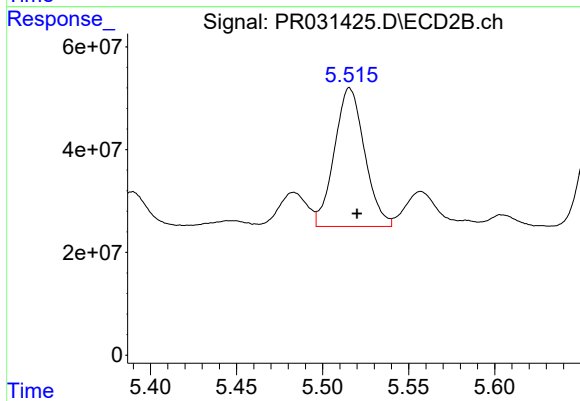
#23 AR-1248-3

R.T.: 5.173 min
Delta R.T.: -0.003 min
Response: 297728549
Conc: 153.50 ng/ml



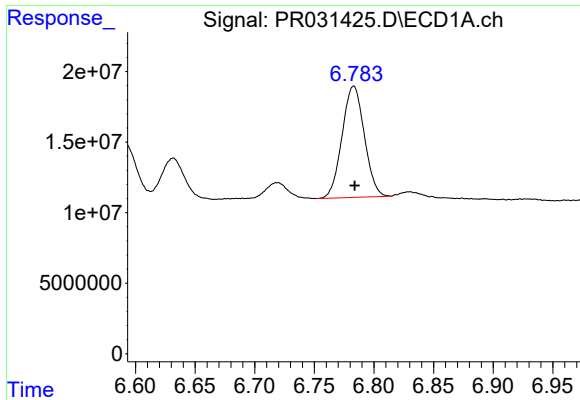
#24 AR-1248-4

R.T.: 6.632 min
Delta R.T.: 0.004 min
Response: 39455157
Conc: 39.66 ng/ml



#24 AR-1248-4

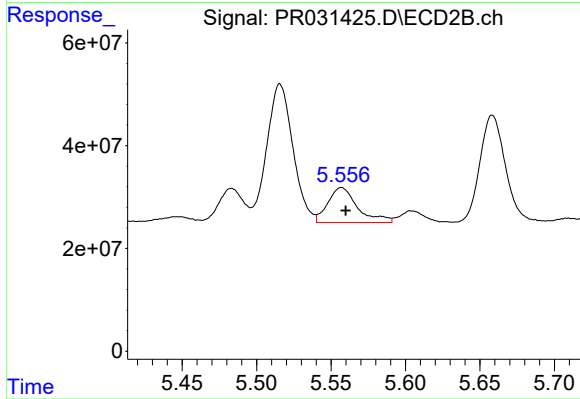
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 329490701
Conc: 110.27 ng/ml



#25 AR-1248-5

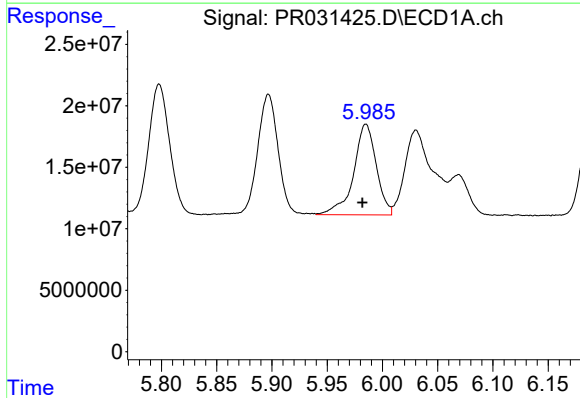
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 102443604
Conc: 101.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



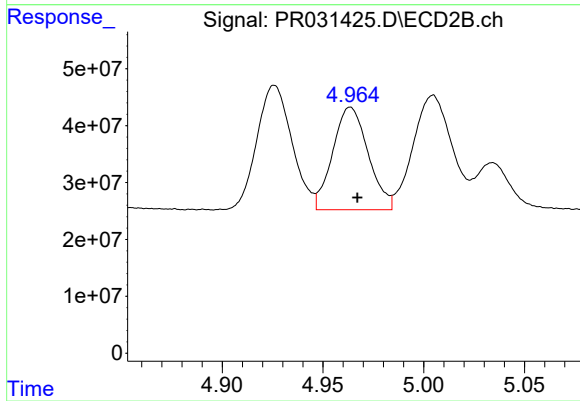
#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 94311602
Conc: 40.00 ng/ml



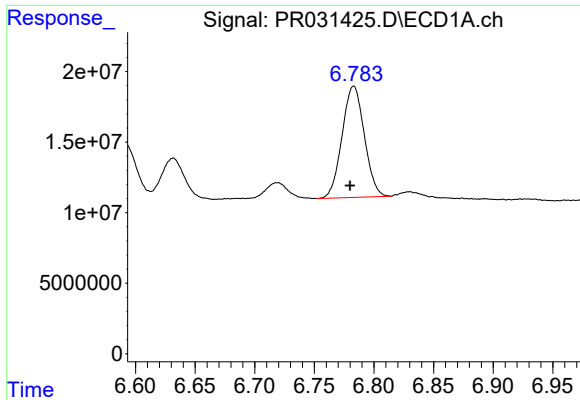
#26 AR-1254-1

R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 105412469
Conc: 201.38 ng/ml



#26 AR-1254-1

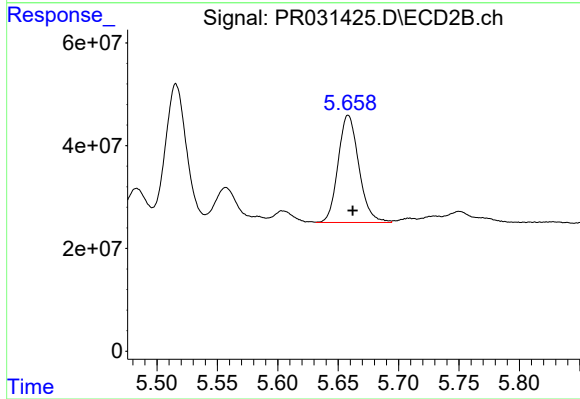
R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 221040419
Conc: 198.15 ng/ml



#27 AR-1254-2

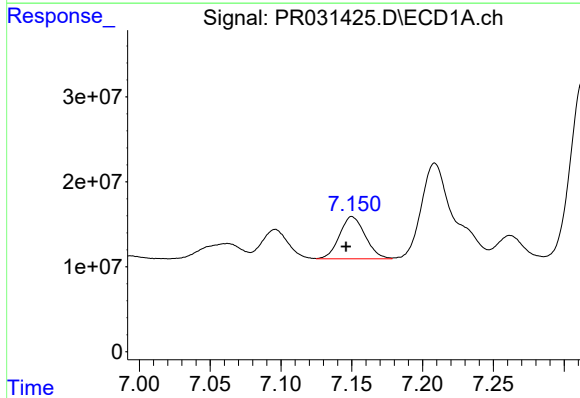
R.T.: 6.783 min
Delta R.T.: 0.003 min
Response: 102443604
Conc: 60.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



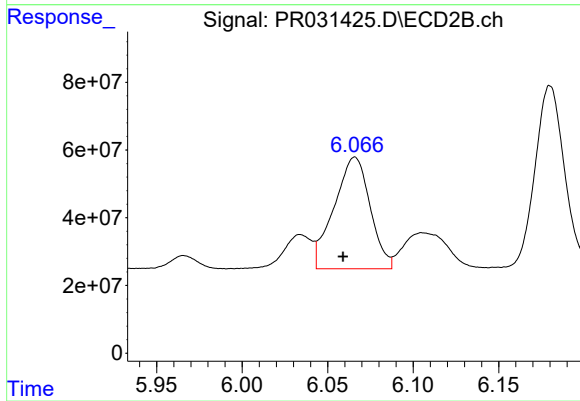
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 249604642
Conc: 78.93 ng/ml



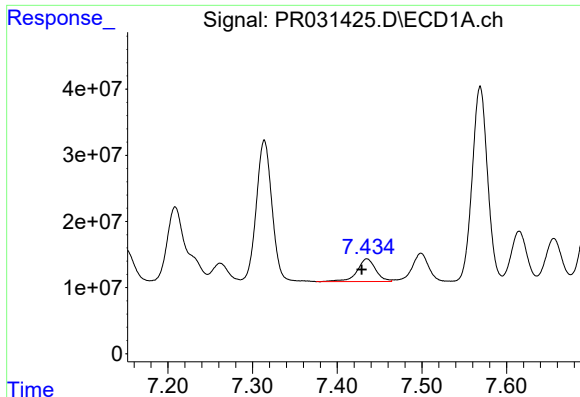
#28 AR-1254-3

R.T.: 7.150 min
Delta R.T.: 0.004 min
Response: 62842399
Conc: 31.76 ng/ml



#28 AR-1254-3

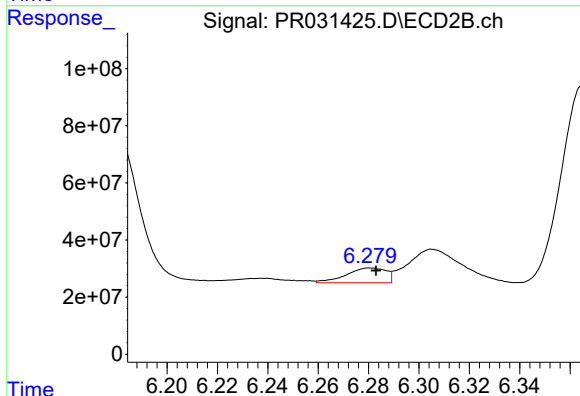
R.T.: 6.066 min
Delta R.T.: 0.007 min
Response: 483433030
Conc: 93.04 ng/ml



#29 AR-1254-4

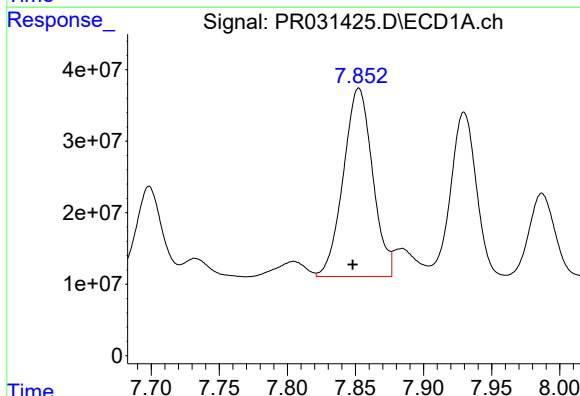
R.T.: 7.435 min
Delta R.T.: 0.006 min
Response: 51990211
Conc: 30.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



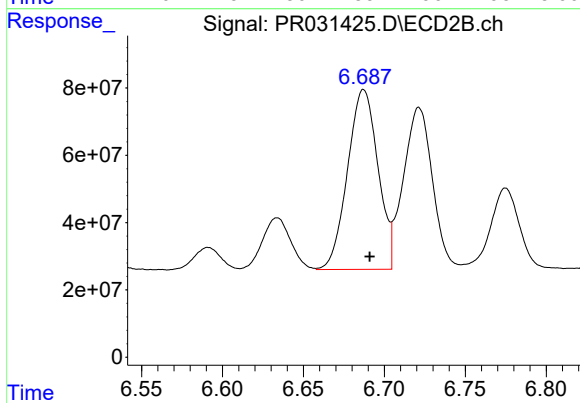
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.002 min
Response: 56555917
Conc: 13.61 ng/ml



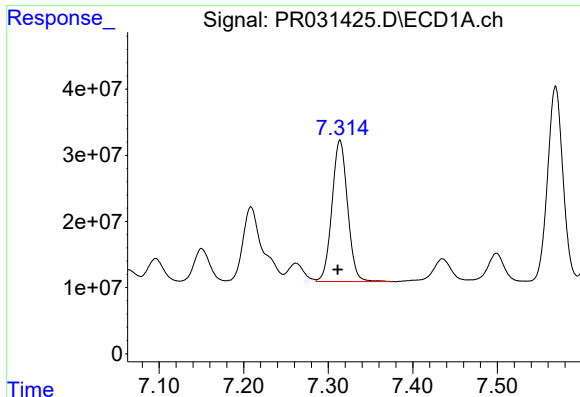
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.004 min
Response: 393824504
Conc: 259.62 ng/ml



#30 AR-1254-5

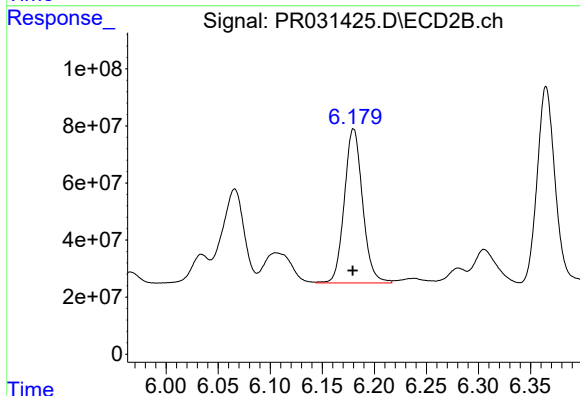
R.T.: 6.687 min
Delta R.T.: -0.004 min
Response: 698818666
Conc: 241.59 ng/ml



#31 AR-1260-1

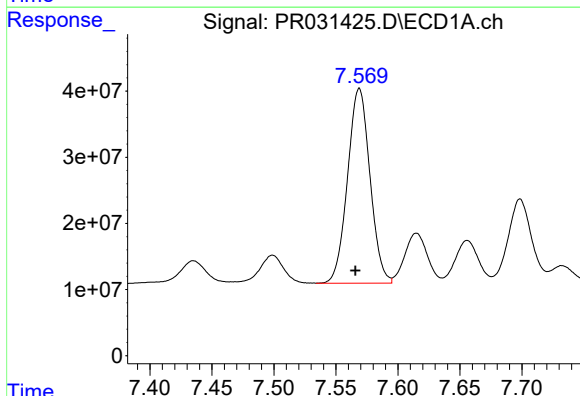
R.T.: 7.314 min
Delta R.T.: 0.003 min
Response: 274287270
Conc: 183.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



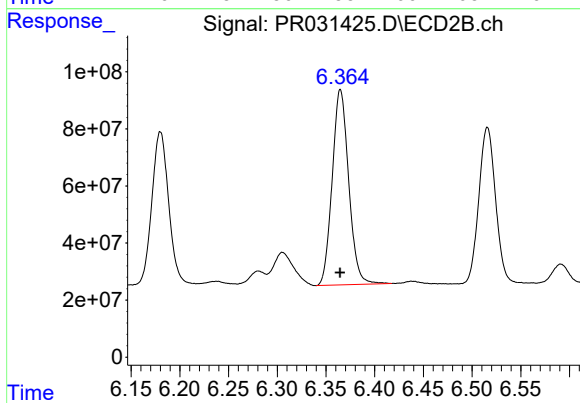
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 658829996
Conc: 199.79 ng/ml



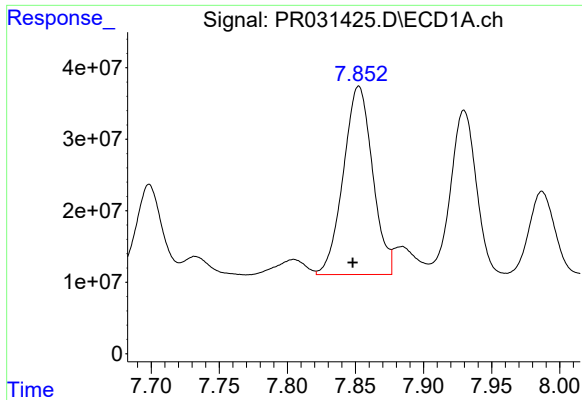
#32 AR-1260-2

R.T.: 7.569 min
Delta R.T.: 0.003 min
Response: 370415419
Conc: 186.59 ng/ml



#32 AR-1260-2

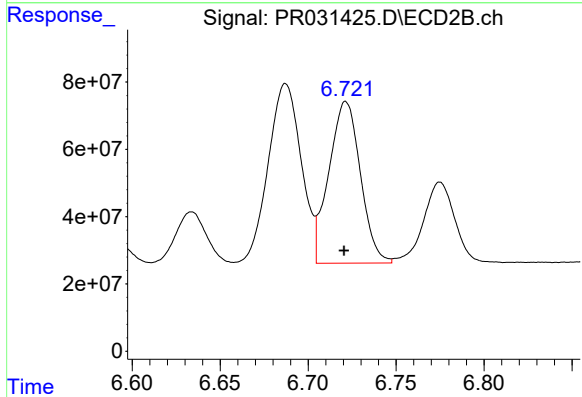
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 806662344
Conc: 195.31 ng/ml



#33 AR-1260-3

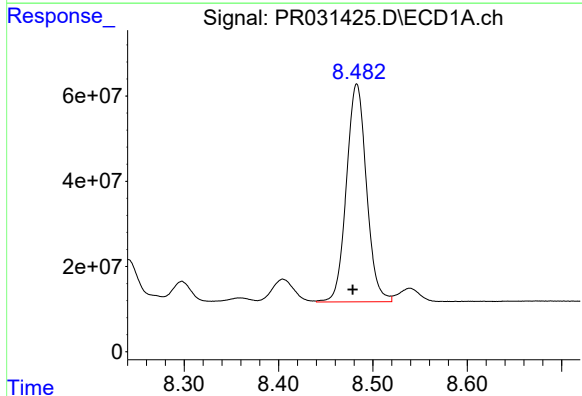
R.T.: 7.852 min
Delta R.T.: 0.004 min
Response: 393824504
Conc: 178.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



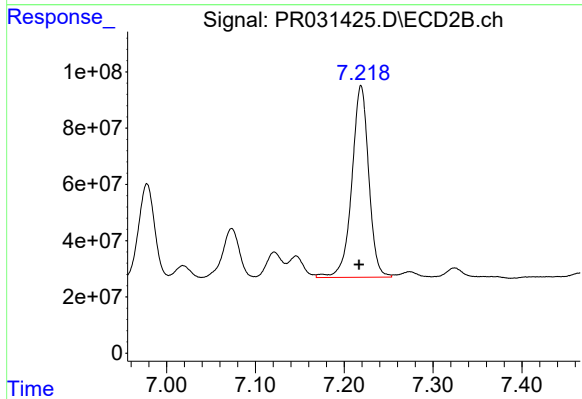
#33 AR-1260-3

R.T.: 6.721 min
Delta R.T.: 0.001 min
Response: 601018324
Conc: 199.35 ng/ml



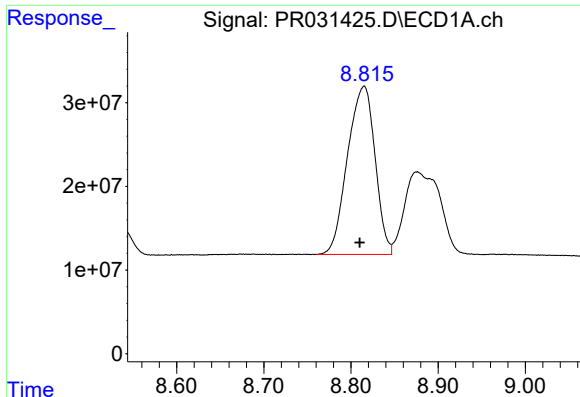
#34 AR-1260-4

R.T.: 8.483 min
Delta R.T.: 0.004 min
Response: 755828292
Conc: 218.36 ng/ml



#34 AR-1260-4

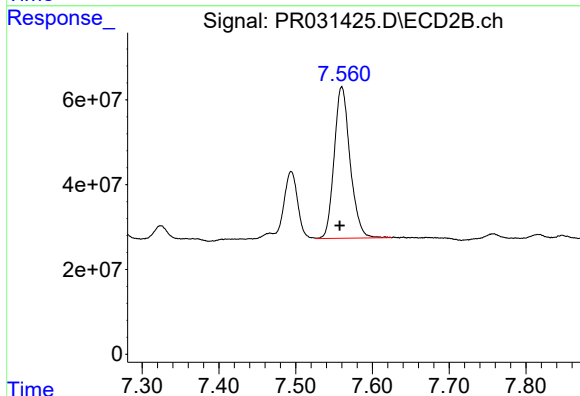
R.T.: 7.219 min
Delta R.T.: 0.002 min
Response: 901137646
Conc: 201.32 ng/ml



#35 AR-1260-5

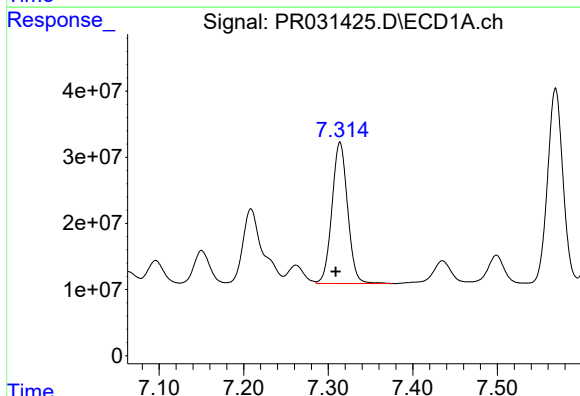
R.T.: 8.815 min
Delta R.T.: 0.005 min
Response: 441231946
Conc: 213.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



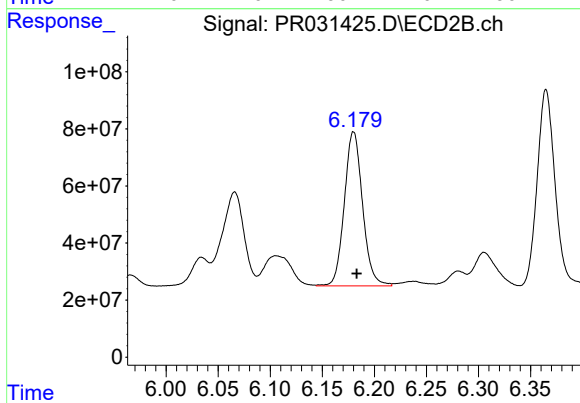
#35 AR-1260-5

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 514462396
Conc: 198.28 ng/ml



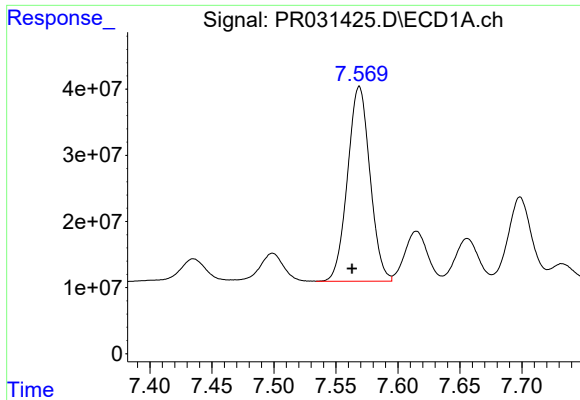
#36 AR-1262-1

R.T.: 7.314 min
Delta R.T.: 0.005 min
Response: 274287270
Conc: 218.82 ng/ml



#36 AR-1262-1

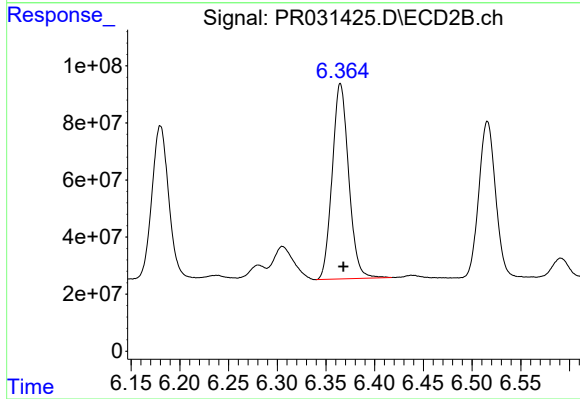
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 658829996
Conc: 225.75 ng/ml



#37 AR-1262-2

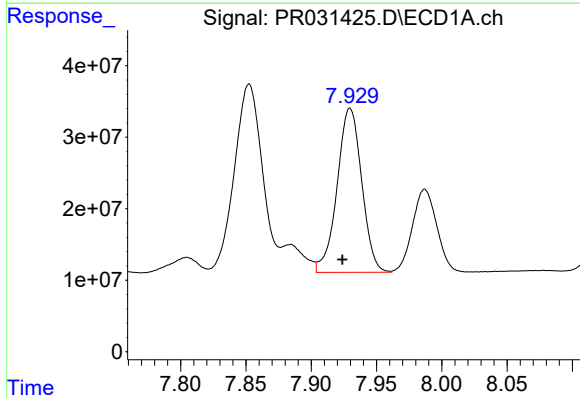
R.T.: 7.569 min
Delta R.T.: 0.006 min
Response: 370415419
Conc: 220.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



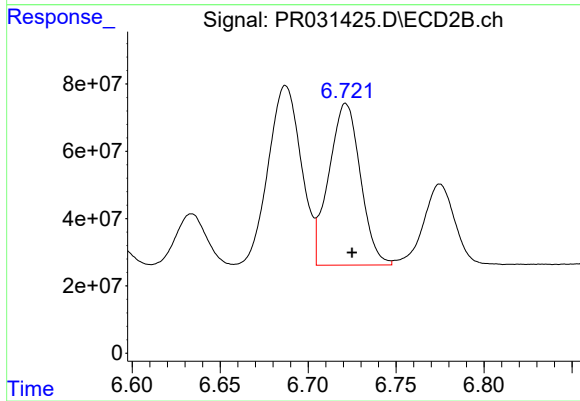
#37 AR-1262-2

R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 806662344
Conc: 232.17 ng/ml



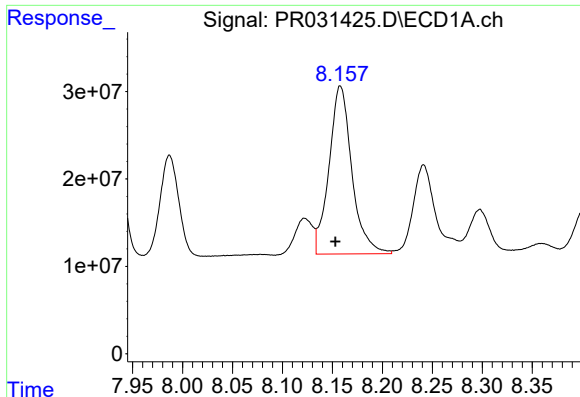
#38 AR-1262-3

R.T.: 7.930 min
Delta R.T.: 0.006 min
Response: 301032758
Conc: 122.24 ng/ml



#38 AR-1262-3

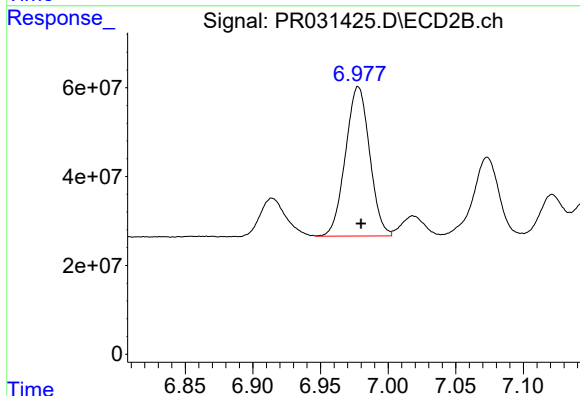
R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 601018324
Conc: 147.66 ng/ml



#39 AR-1262-4

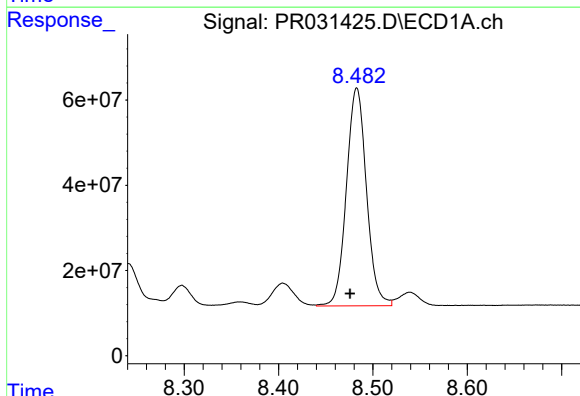
R.T.: 8.158 min
Delta R.T.: 0.005 min
Response: 306063424
Conc: 148.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



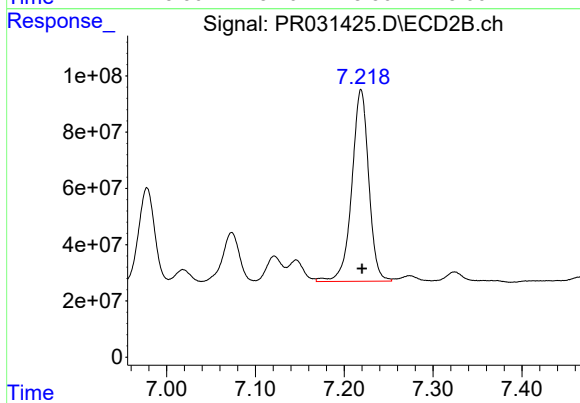
#39 AR-1262-4

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 417787446
Conc: 156.54 ng/ml



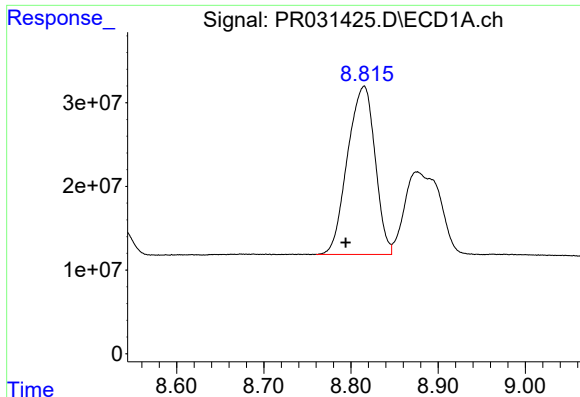
#40 AR-1262-5

R.T.: 8.483 min
Delta R.T.: 0.007 min
Response: 755828292
Conc: 170.59 ng/ml



#40 AR-1262-5

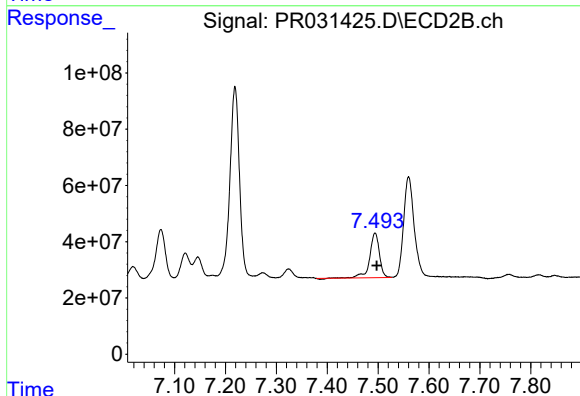
R.T.: 7.219 min
Delta R.T.: -0.001 min
Response: 901137646
Conc: 191.10 ng/ml



#41 AR-1268-1

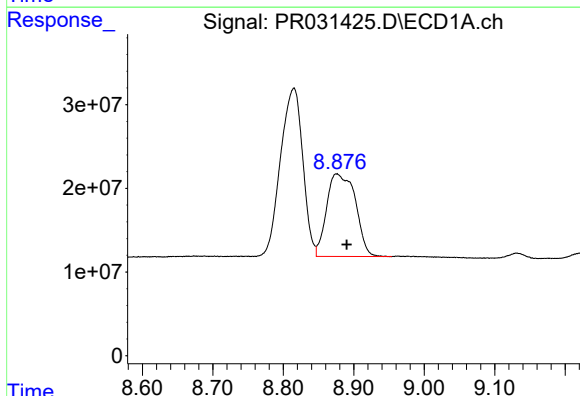
R.T.: 8.815 min
Delta R.T.: 0.021 min
Response: 441231946
Conc: 97.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



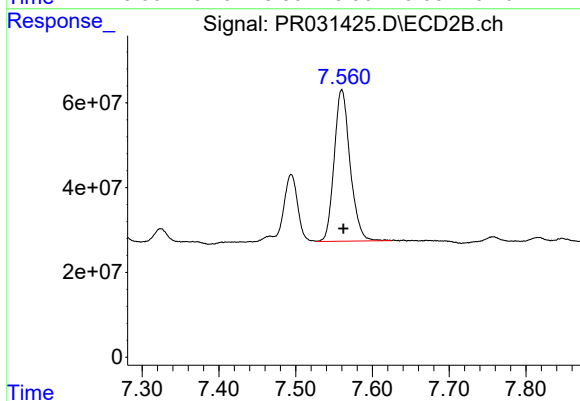
#41 AR-1268-1

R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 210288340
Conc: 51.93 ng/ml



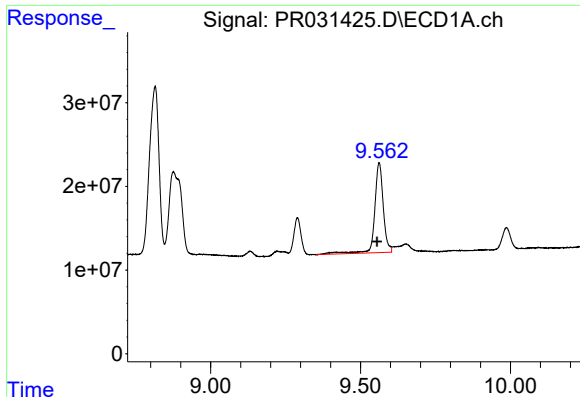
#42 AR-1268-2

R.T.: 8.876 min
Delta R.T.: -0.014 min
Response: 279974432
Conc: 71.74 ng/ml



#42 AR-1268-2

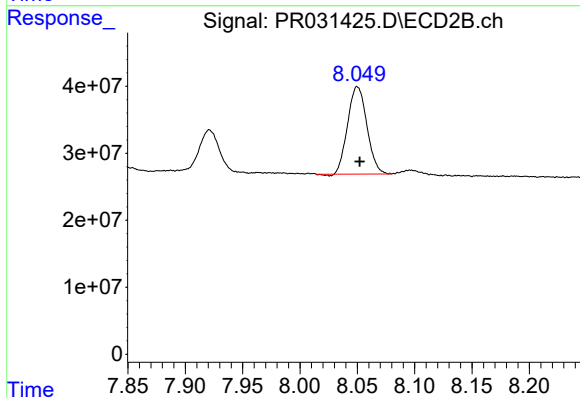
R.T.: 7.560 min
Delta R.T.: -0.002 min
Response: 514462396
Conc: 149.32 ng/ml



#44 AR-1268-4

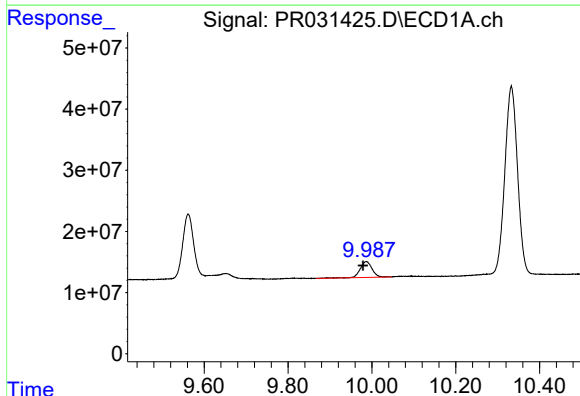
R.T.: 9.562 min
Delta R.T.: 0.007 min
Response: 216818562
Conc: 138.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



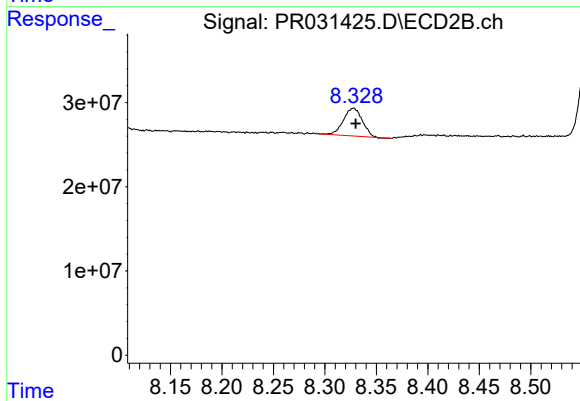
#44 AR-1268-4

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 152352845
Conc: 131.53 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.008 min
Response: 50452578
Conc: 4.80 ng/ml



#45 AR-1268-5

R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 42054859
Conc: 6.07 ng/ml