

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011921\
 Data File : PR049402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2021 11:33
 Operator : AJ\MA
 Sample : M1112-04DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 01:15:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 19 06:04:35 2021
 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...	4.668	3.839f	14929913	147.2E6	5.598	48.218 #
2)	SA Decachlor...	10.549	8.908	104.6E6	334.8E6	39.699	38.455
Target Compounds							
3)	L1 AR-1016-1	5.826f	0.000	713407	0	6.979	N.D. #
5)	L1 AR-1016-3	0.000	5.124	0	12243347	N.D.	154.581 #
6)	L1 AR-1016-4	6.026	5.172	4854701	2462736	66.911	75.125
7)	L1 AR-1016-5	6.320	5.365f	1512044	792806	22.002	14.570 #
8)	L2 AR-1221-1	4.886	0.000	730.5E6	0	22533.961	N.D. #
9)	L2 AR-1221-2	0.000	4.137	0	2232.4E6	N.D.	81069.016 #
10)	L2 AR-1221-3	5.063f	4.205f	298.4E6	72551750	4058.732	882.443 #
11)	L3 AR-1232-1	5.063f	4.205f	298.4E6	72551750	5079.579	1201.680 #
12)	L3 AR-1232-2	5.572	0.000	4260688	0	137.239	N.D. #
13)	L3 AR-1232-3	0.000	5.124	0	12243347	N.D.	386.356 #
14)	L3 AR-1232-4	6.026	5.207	4854701	151.2E6	153.997	9514.767 #
15)	L3 AR-1232-5	6.102	5.365f	57686779	792806	2366.669	39.566 #
16)	L4 AR-1242-1	5.826f	0.000	713407	0	9.044	N.D. #
18)	L4 AR-1242-3	0.000	5.124	0	12243347	N.D.	199.038 #
19)	L4 AR-1242-4	6.026	5.207	4854701	151.2E6	86.951	4280.076 #
20)	L4 AR-1242-5	6.788f	5.738	17582832	15802878	293.004	253.013
21)	L5 AR-1248-1	5.826f	0.000	713407	0	11.884	N.D. #
22)	L5 AR-1248-2	6.102	5.172	57686779	2462736	707.593	56.996 #
23)	L5 AR-1248-3	6.320	5.207	1512044	151.2E6	17.073	2914.365 #
24)	L5 AR-1248-4	6.724	5.365f	6664501	792806	62.785	11.477 #
25)	L5 AR-1248-5	6.788f	5.777	17582832	2799658	172.859	26.696 #
26)	L6 AR-1254-1	6.698	5.738	14903581	15802878	139.823	143.986
27)	L6 AR-1254-2	6.914	5.886	35437531	25828492	218.943	218.184
28)	L6 AR-1254-3	7.285	6.290	37561201	63241596	231.716	274.278
29)	L6 AR-1254-4	7.570	6.519	35516883	101.7E6	270.263	271.695
30)	L6 AR-1254-5	7.991	6.937	63753830	138.9E6	478.109	315.996 #
31)	L7 AR-1260-1	7.447	6.420	22772915	31141431	186.220	247.462 #
32)	L7 AR-1260-2	7.702	6.608	30319536	95535146	199.778	186.180
33)	L7 AR-1260-3	8.063	6.762	40195689	44393014	339.467	151.788 #
34)	L7 AR-1260-4	8.318f	7.233	85599553	327.6E6	678.460	930.544 #
35)	L7 AR-1260-5	8.635	7.479	19957394	112.7E6	76.627	84.807
36)	L8 AR-1262-1	8.063	6.937	40195689	138.9E6	234.300	572.563 #
37)	L8 AR-1262-2	8.635	7.479	19957394	112.7E6	67.605	72.321
38)	L8 AR-1262-3	8.960	7.764	261.6E6	1237.2E6	1281.897	2061.999 #
39)	L8 AR-1262-4	9.060	7.830	180.5E6	642.9E6	1127.635	641.478 #
40)	L8 AR-1262-5	9.754	8.338	48108312	175.5E6	416.738	395.669
41)	L9 AR-1268-1	8.960	7.764	261.6E6	1237.2E6	713.702	681.999
42)	L9 AR-1268-2	9.060	7.830	180.5E6	642.9E6	523.218	423.684
43)	L9 AR-1268-3	9.300	8.037	215.4E6	960.4E6	717.714	714.083

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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
44) L9	AR-1268-4	9.754	8.338	48108312	175.5E6	367.047	347.537
45) L9	AR-1268-5	10.191	8.643	639.3E6	2449.5E6	640.665	617.224

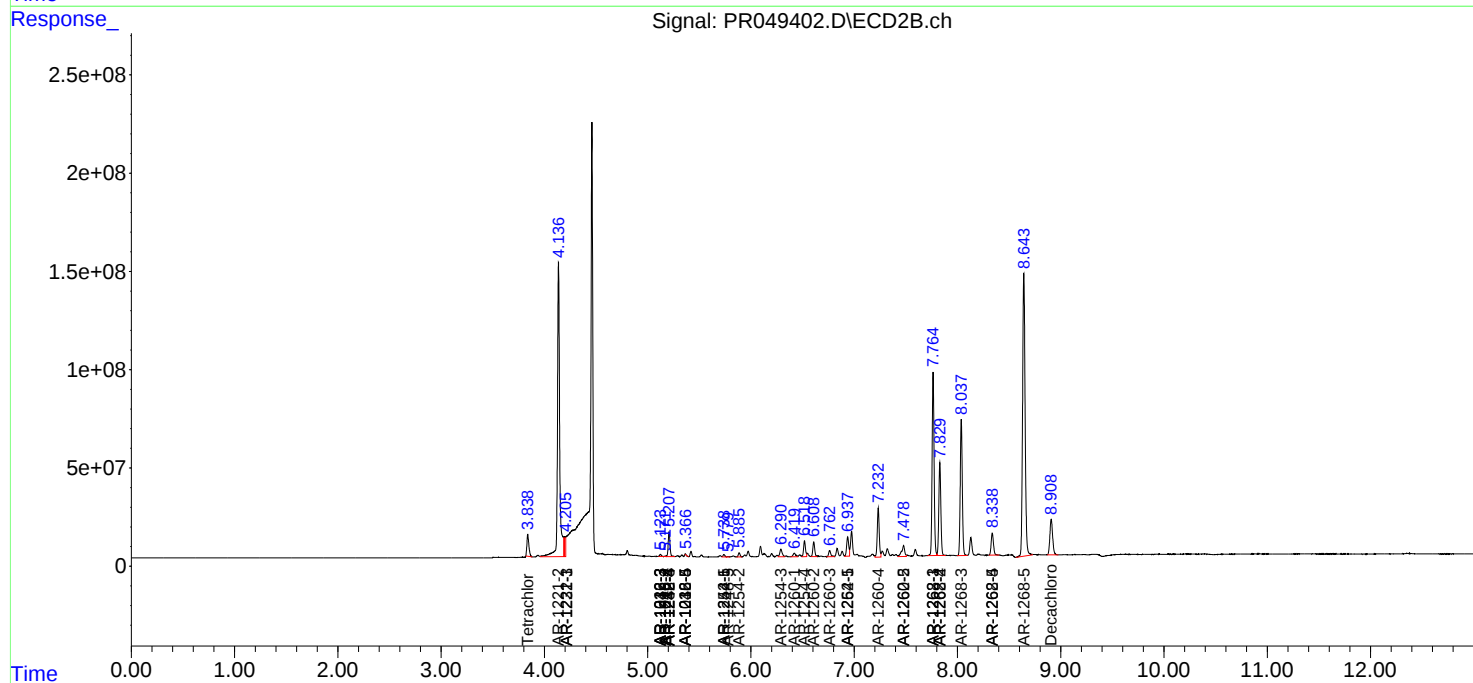
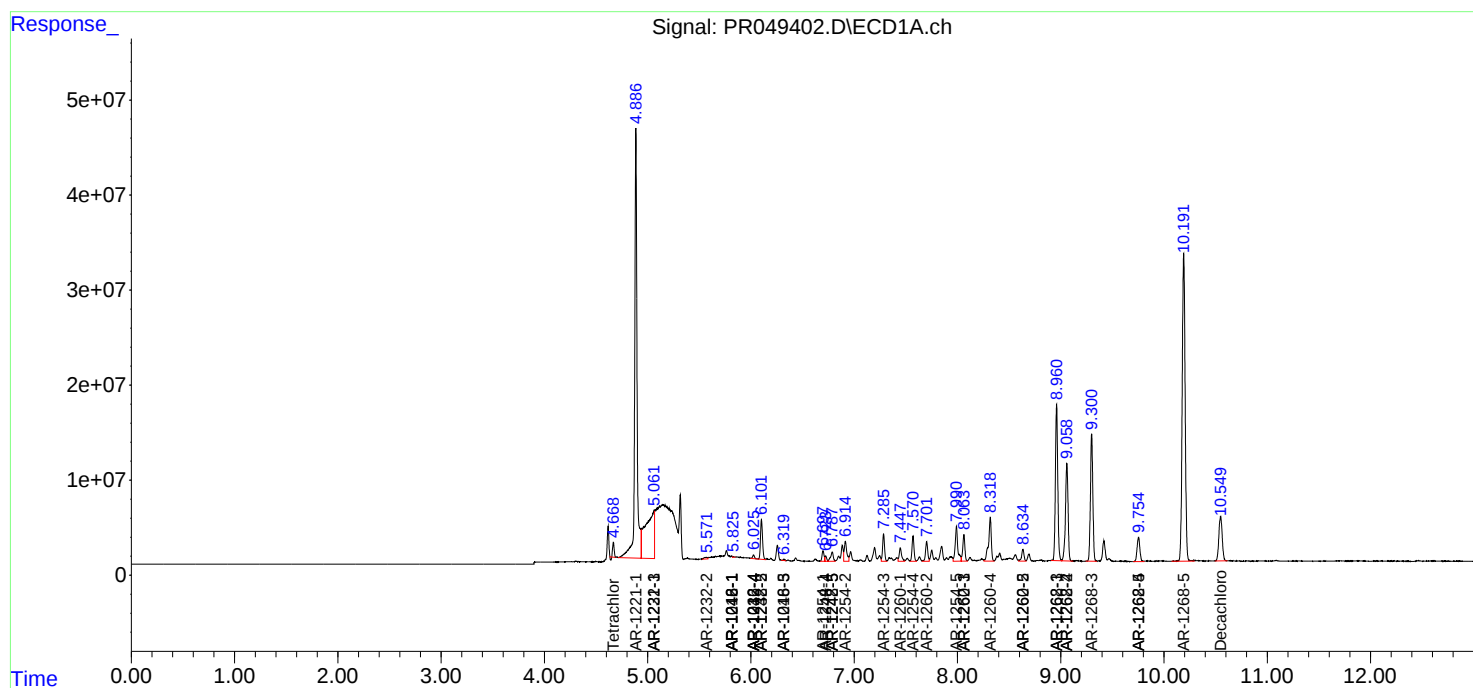
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

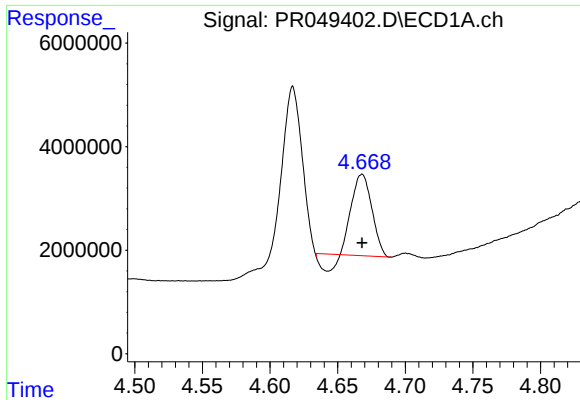
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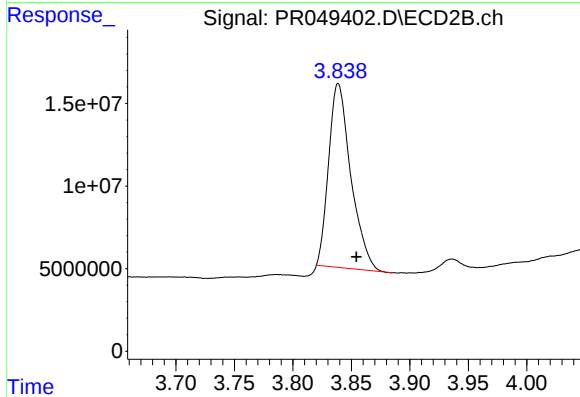




#1 Tetrachloro-m-xylene

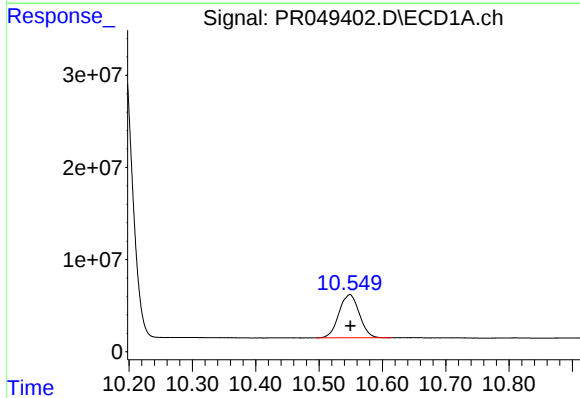
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 14929913
Conc: 5.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



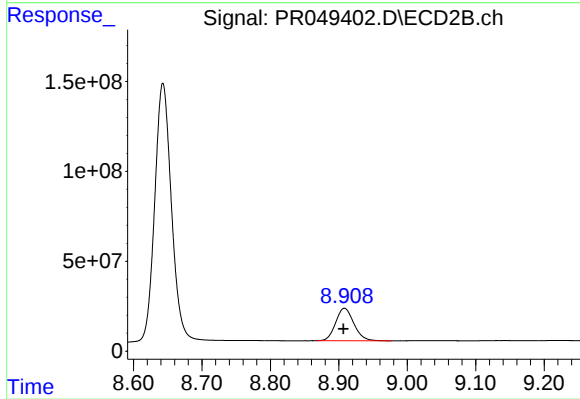
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: -0.015 min
Response: 147208306
Conc: 48.22 ng/ml



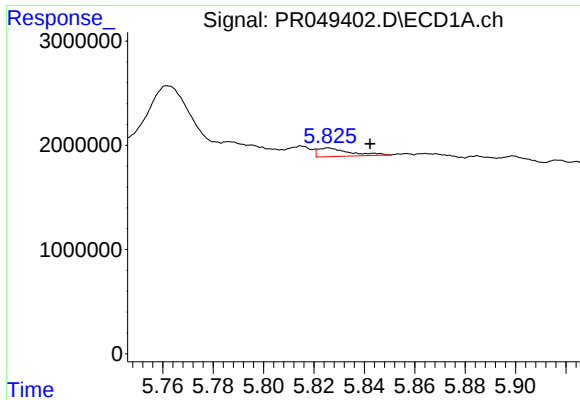
#2 Decachlorobiphenyl

R.T.: 10.549 min
Delta R.T.: 0.000 min
Response: 104605658
Conc: 39.70 ng/ml



#2 Decachlorobiphenyl

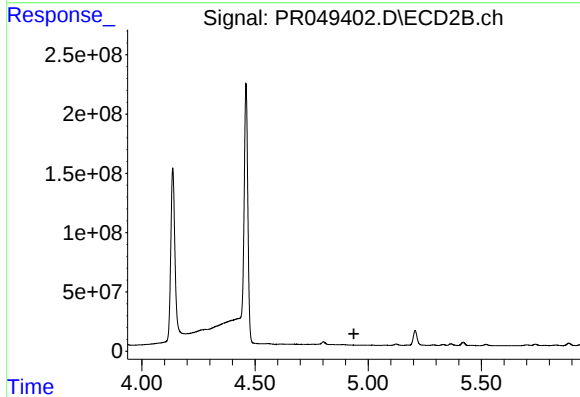
R.T.: 8.908 min
Delta R.T.: 0.002 min
Response: 334797544
Conc: 38.46 ng/ml



#3 AR-1016-1

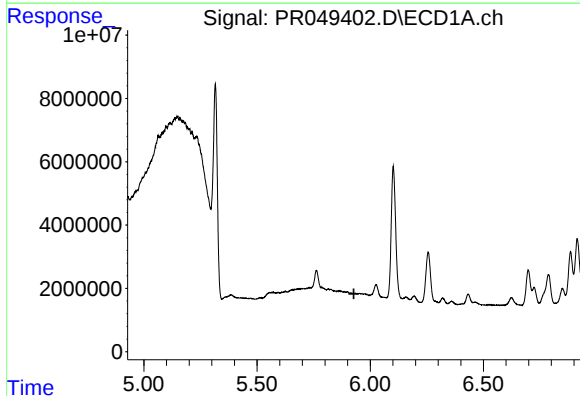
R.T.: 5.826 min
Delta R.T.: -0.016 min
Response: 713407
Conc: 6.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



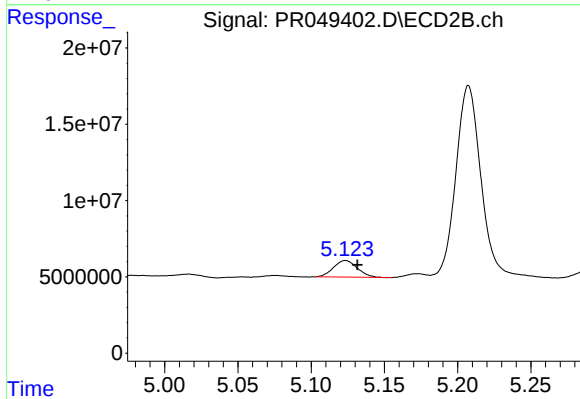
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



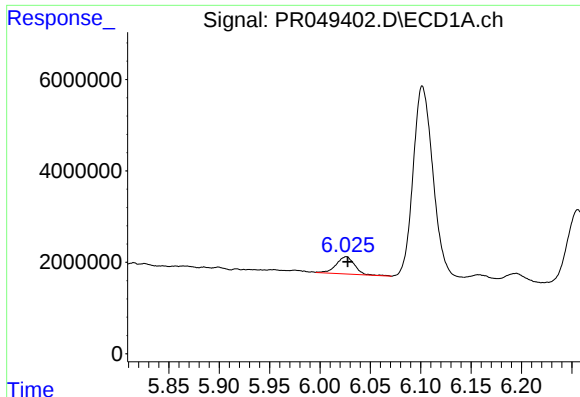
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.928 min
Response: 0
Conc: N.D.



#5 AR-1016-3

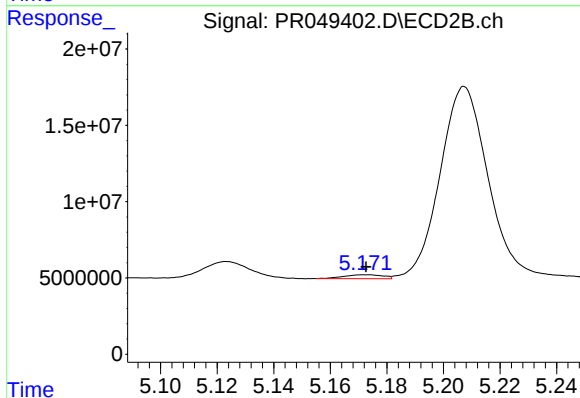
R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 12243347
Conc: 154.58 ng/ml



#6 AR-1016-4

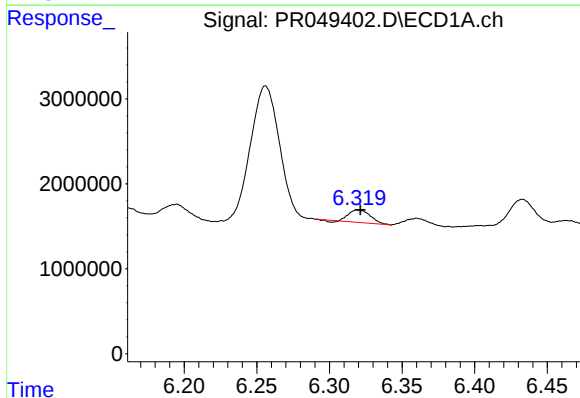
R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 4854701
Conc: 66.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



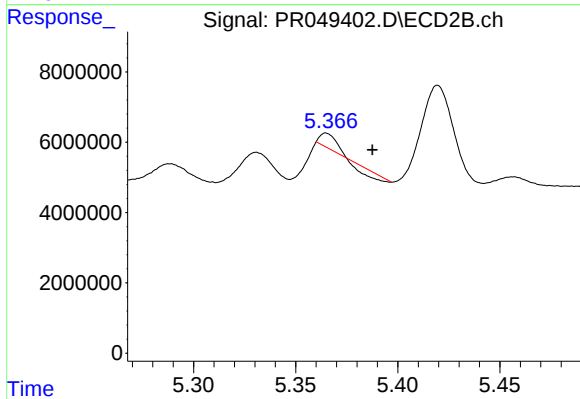
#6 AR-1016-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 2462736
Conc: 75.13 ng/ml



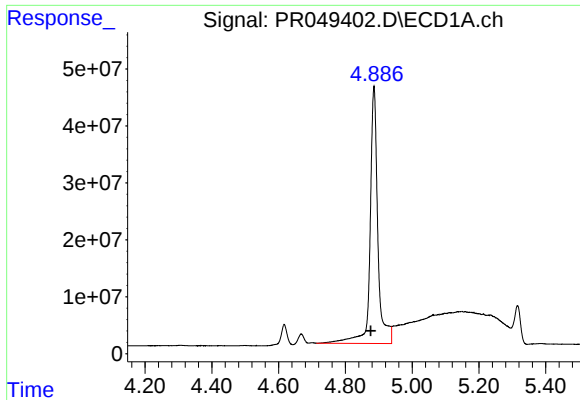
#7 AR-1016-5

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 1512044
Conc: 22.00 ng/ml



#7 AR-1016-5

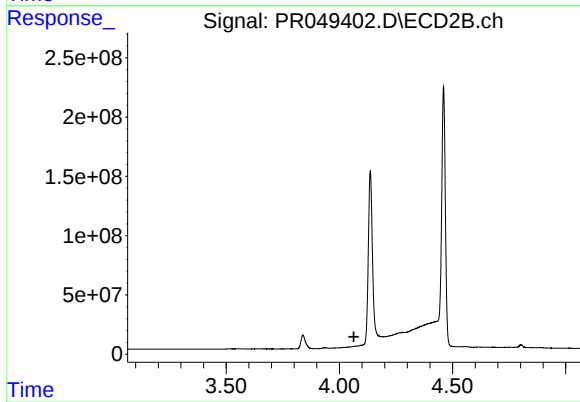
R.T.: 5.365 min
Delta R.T.: -0.023 min
Response: 792806
Conc: 14.57 ng/ml



#8 AR-1221-1

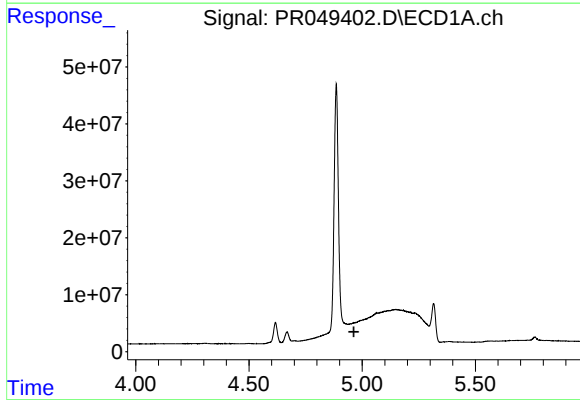
R.T.: 4.886 min
Delta R.T.: 0.010 min
Response: 730541453
Conc: 22533.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



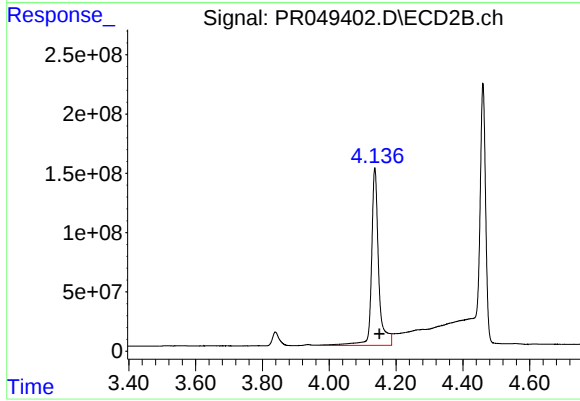
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.064 min
Response: 0
Conc: N.D.



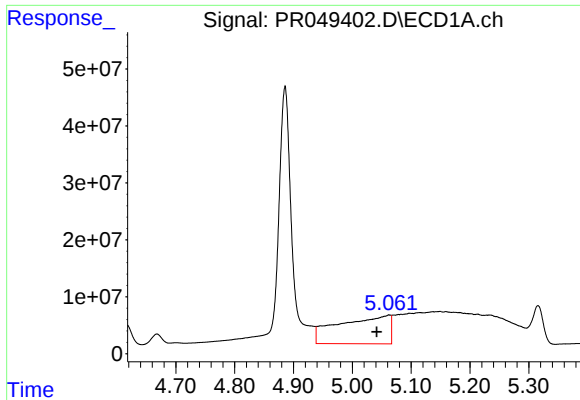
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#9 AR-1221-2

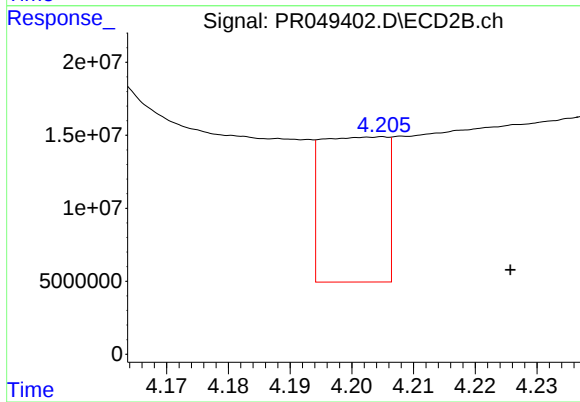
R.T.: 4.137 min
Delta R.T.: -0.013 min
Response: 2232370557
Conc: 81069.02 ng/ml



#10 AR-1221-3

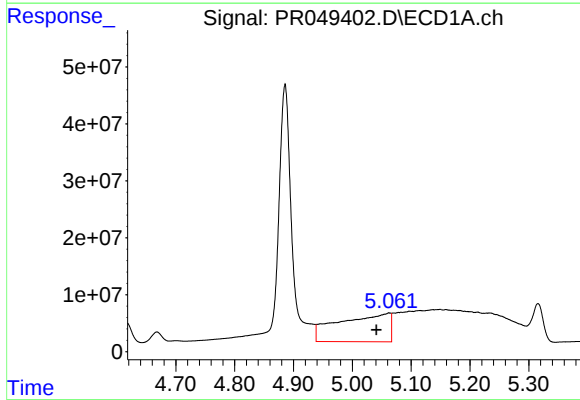
R.T.: 5.063 min
Delta R.T.: 0.022 min
Response: 298363859
Conc: 4058.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



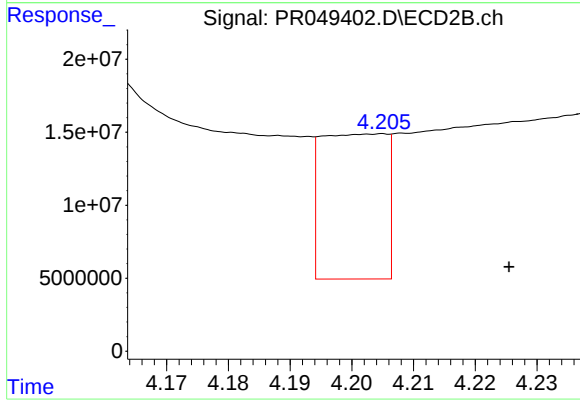
#10 AR-1221-3

R.T.: 4.205 min
Delta R.T.: -0.021 min
Response: 72551750
Conc: 882.44 ng/ml



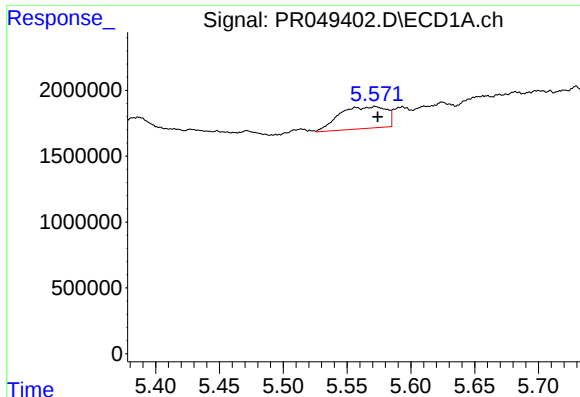
#11 AR-1232-1

R.T.: 5.063 min
Delta R.T.: 0.022 min
Response: 298363859
Conc: 5079.58 ng/ml



#11 AR-1232-1

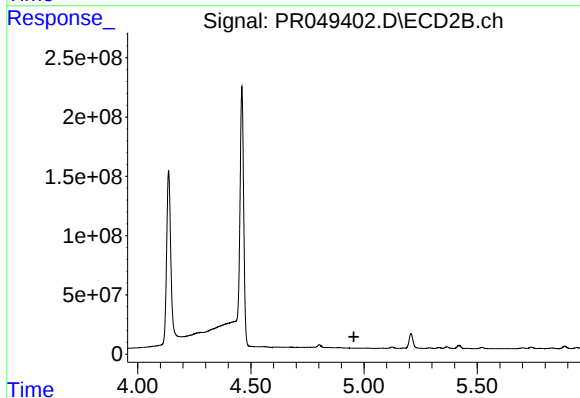
R.T.: 4.205 min
Delta R.T.: -0.020 min
Response: 72551750
Conc: 1201.68 ng/ml



#12 AR-1232-2

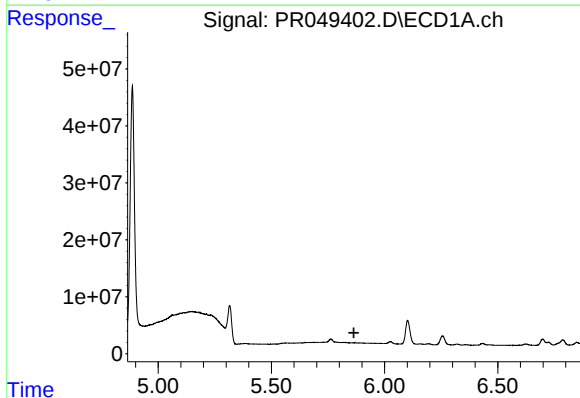
R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 4260688
Conc: 137.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



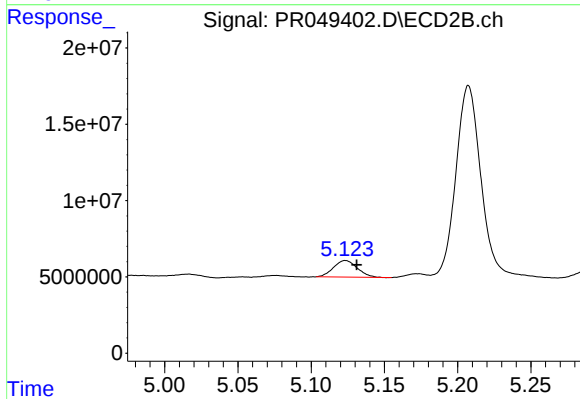
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



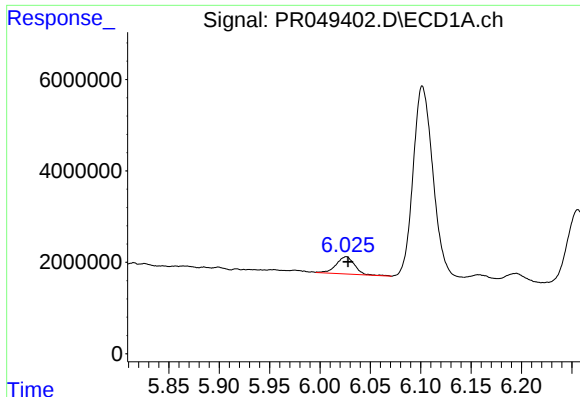
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.865 min
Response: 0
Conc: N.D.



#13 AR-1232-3

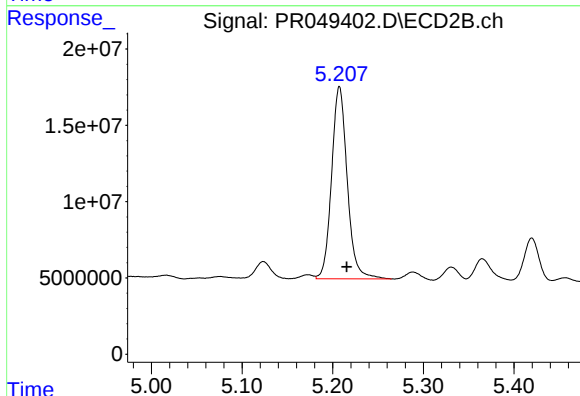
R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 12243347
Conc: 386.36 ng/ml



#14 AR-1232-4

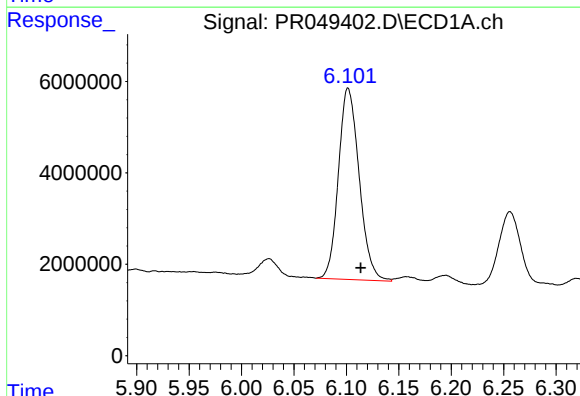
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 4854701
Conc: 154.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



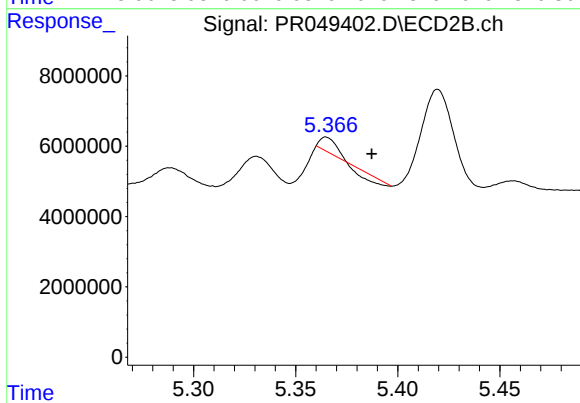
#14 AR-1232-4

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 151242341
Conc: 9514.77 ng/ml



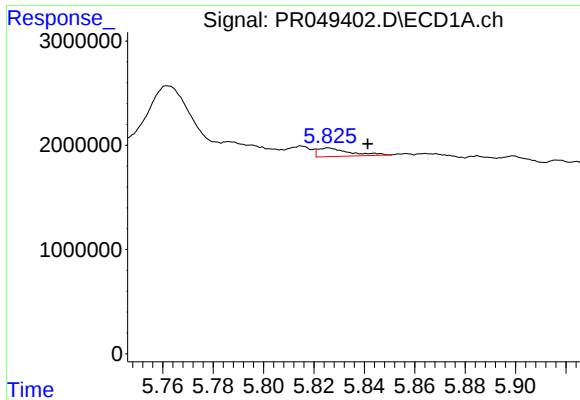
#15 AR-1232-5

R.T.: 6.102 min
Delta R.T.: -0.012 min
Response: 57686779
Conc: 2366.67 ng/ml



#15 AR-1232-5

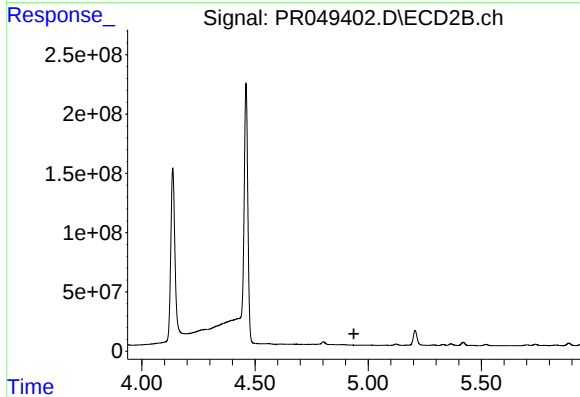
R.T.: 5.365 min
Delta R.T.: -0.022 min
Response: 792806
Conc: 39.57 ng/ml



#16 AR-1242-1

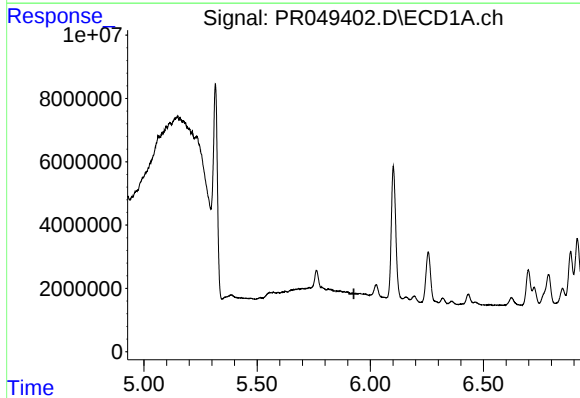
R.T.: 5.826 min
Delta R.T.: -0.016 min
Response: 713407
Conc: 9.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



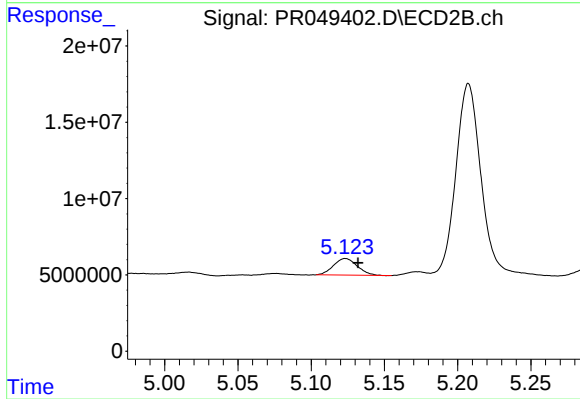
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



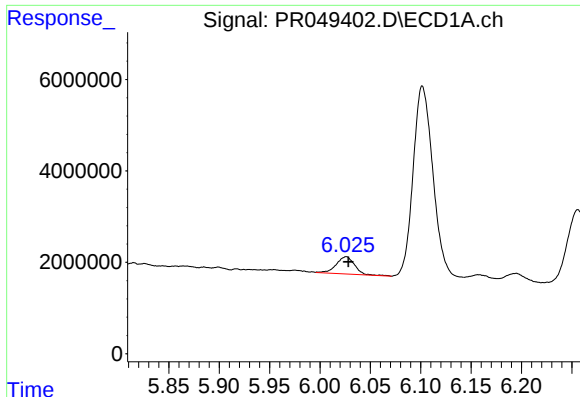
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.928 min
Response: 0
Conc: N.D.



#18 AR-1242-3

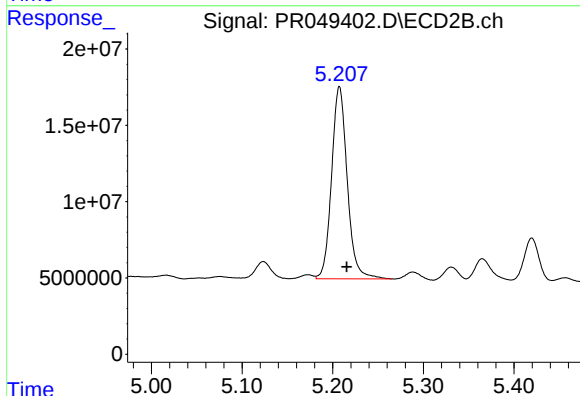
R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 12243347
Conc: 199.04 ng/ml



#19 AR-1242-4

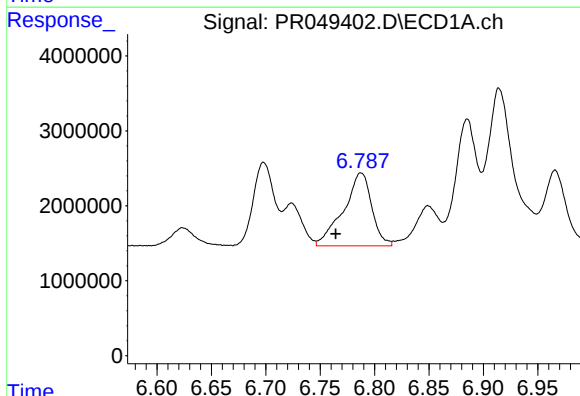
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 4854701
Conc: 86.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



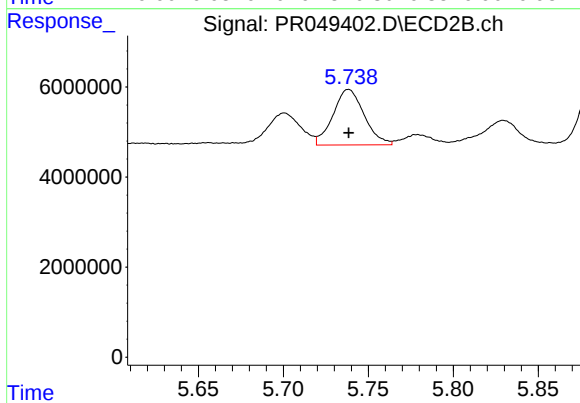
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 151242341
Conc: 4280.08 ng/ml



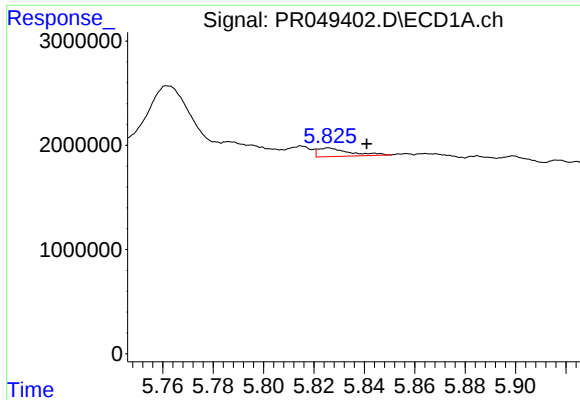
#20 AR-1242-5

R.T.: 6.788 min
Delta R.T.: 0.023 min
Response: 17582832
Conc: 293.00 ng/ml



#20 AR-1242-5

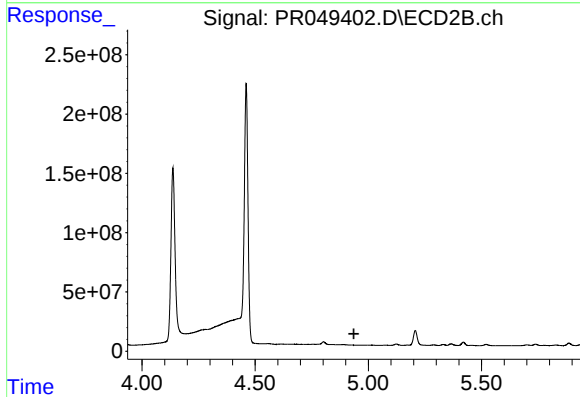
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 15802878
Conc: 253.01 ng/ml



#21 AR-1248-1

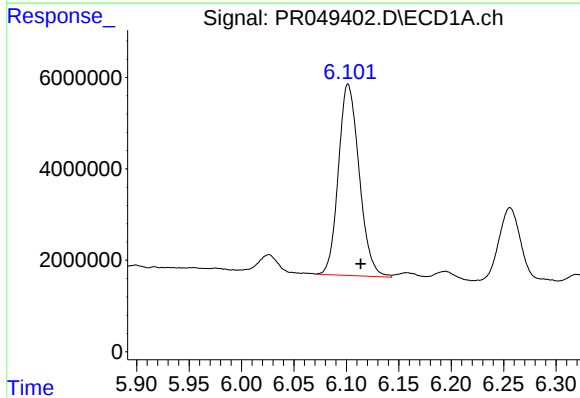
R.T.: 5.826 min
Delta R.T.: -0.015 min
Response: 713407
Conc: 11.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



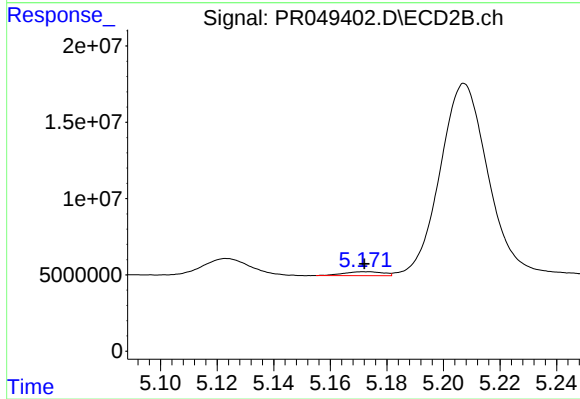
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



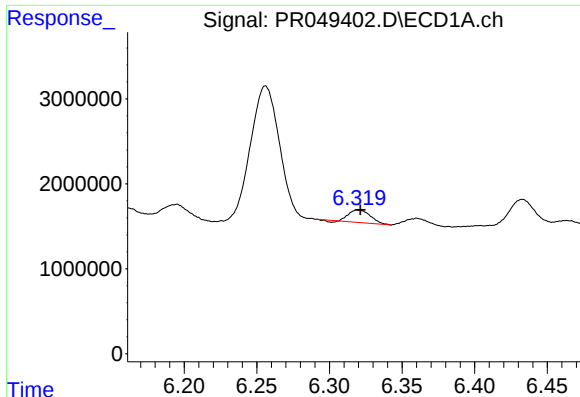
#22 AR-1248-2

R.T.: 6.102 min
Delta R.T.: -0.012 min
Response: 57686779
Conc: 707.59 ng/ml



#22 AR-1248-2

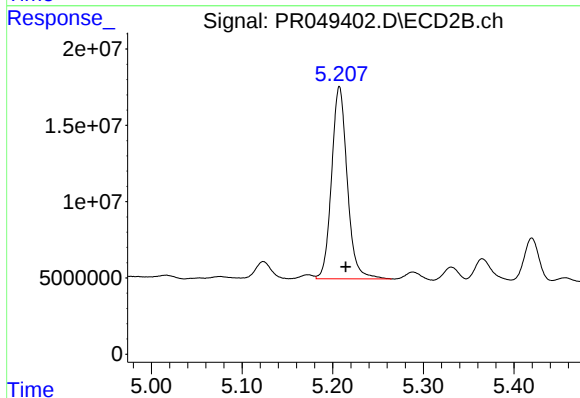
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 2462736
Conc: 57.00 ng/ml



#23 AR-1248-3

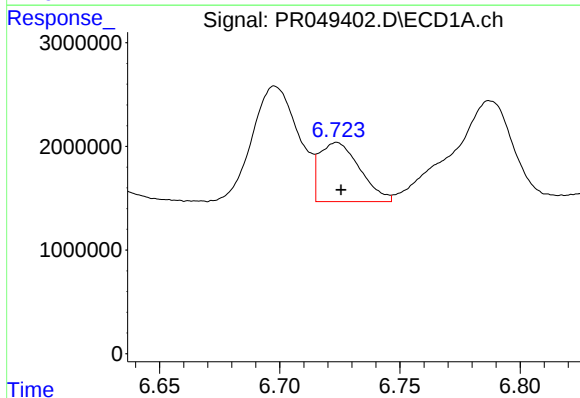
R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 1512044
Conc: 17.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



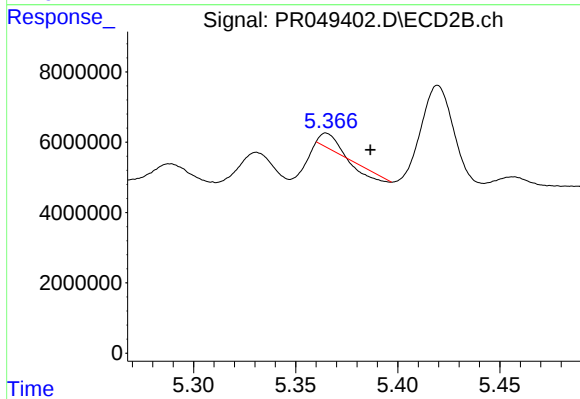
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 151242341
Conc: 2914.36 ng/ml



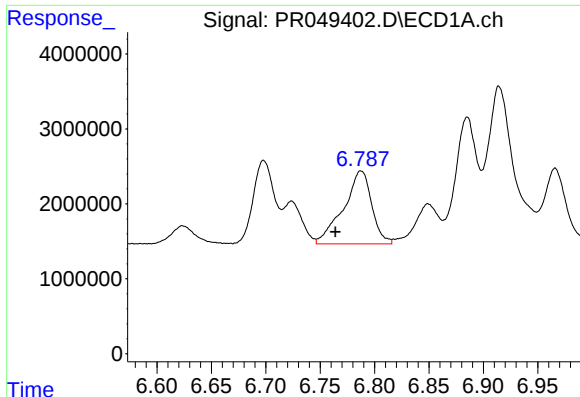
#24 AR-1248-4

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 6664501
Conc: 62.78 ng/ml



#24 AR-1248-4

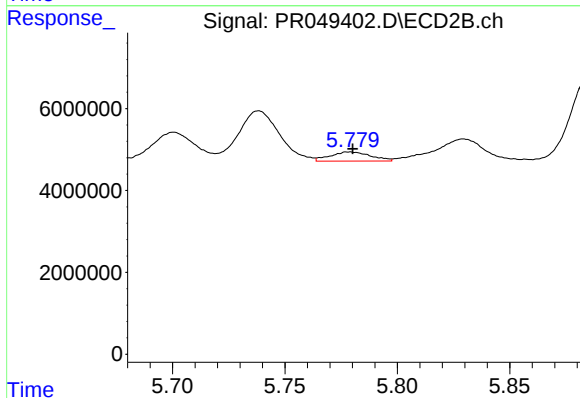
R.T.: 5.365 min
Delta R.T.: -0.022 min
Response: 792806
Conc: 11.48 ng/ml



#25 AR-1248-5

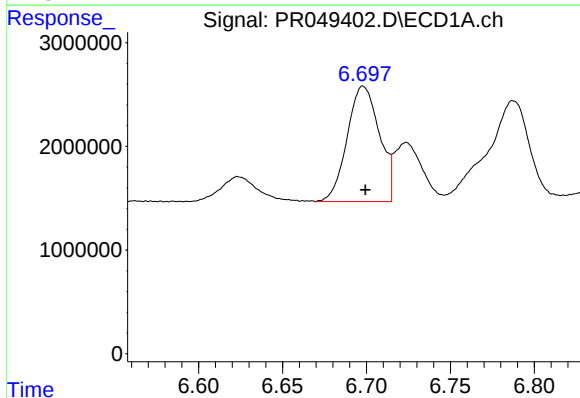
R.T.: 6.788 min
Delta R.T.: 0.024 min
Response: 17582832
Conc: 172.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



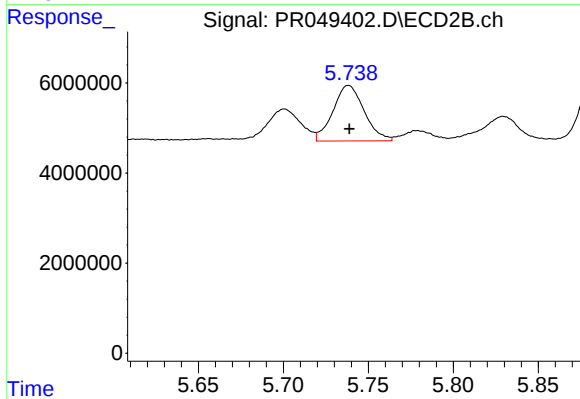
#25 AR-1248-5

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 2799658
Conc: 26.70 ng/ml



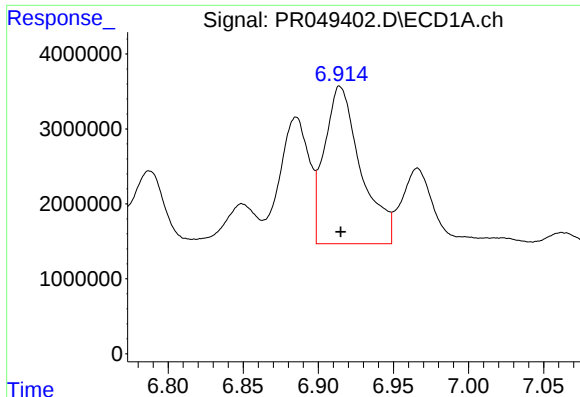
#26 AR-1254-1

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 14903581
Conc: 139.82 ng/ml



#26 AR-1254-1

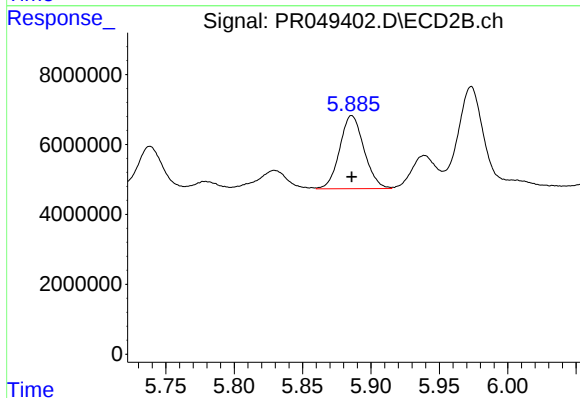
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 15802878
Conc: 143.99 ng/ml



#27 AR-1254-2

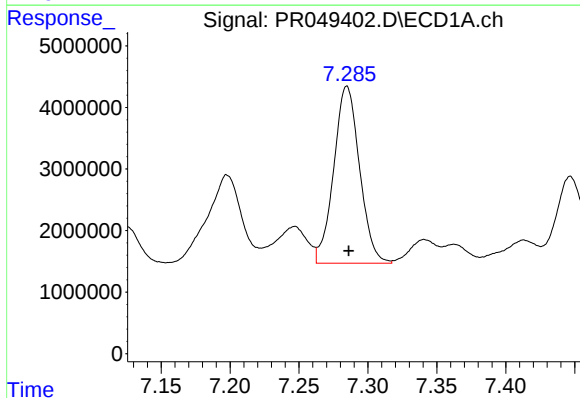
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 35437531
Conc: 218.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



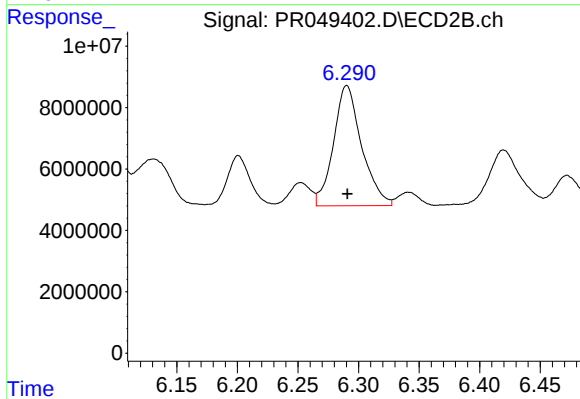
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 25828492
Conc: 218.18 ng/ml



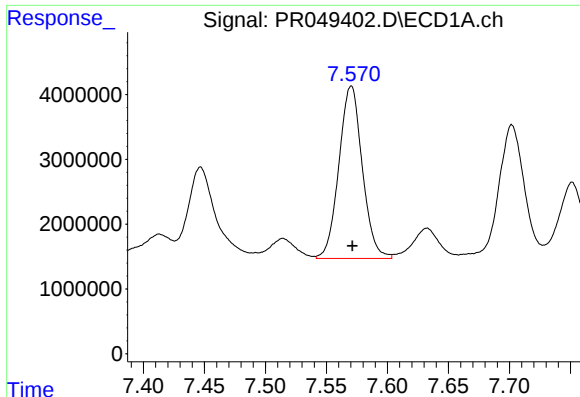
#28 AR-1254-3

R.T.: 7.285 min
Delta R.T.: -0.001 min
Response: 37561201
Conc: 231.72 ng/ml



#28 AR-1254-3

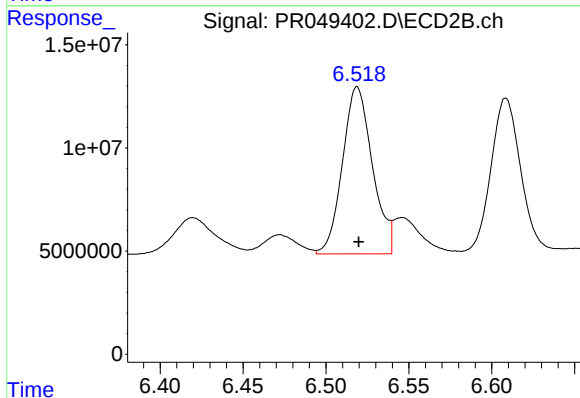
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 63241596
Conc: 274.28 ng/ml



#29 AR-1254-4

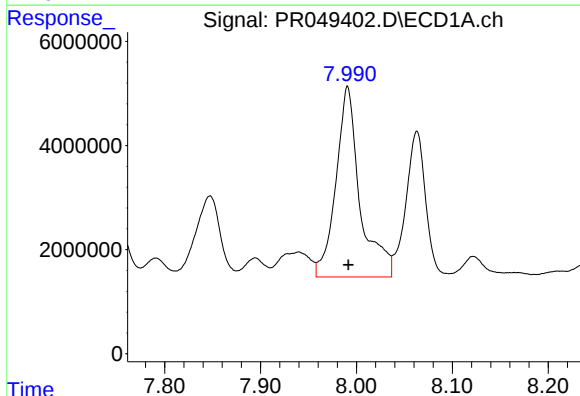
R.T.: 7.570 min
Delta R.T.: -0.001 min
Response: 35516883
Conc: 270.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



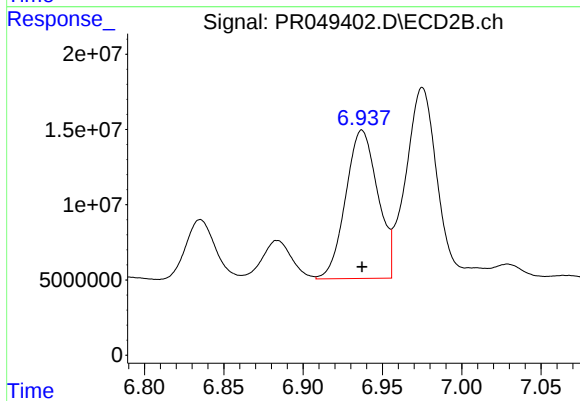
#29 AR-1254-4

R.T.: 6.519 min
Delta R.T.: -0.001 min
Response: 101707930
Conc: 271.69 ng/ml



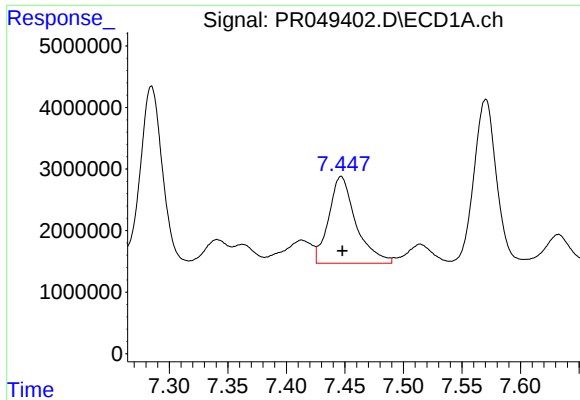
#30 AR-1254-5

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 63753830
Conc: 478.11 ng/ml



#30 AR-1254-5

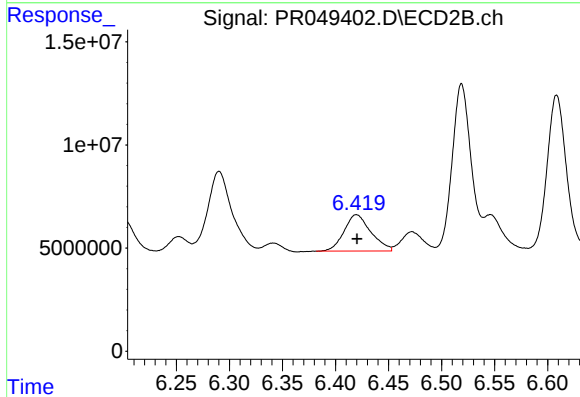
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 138876446
Conc: 316.00 ng/ml



#31 AR-1260-1

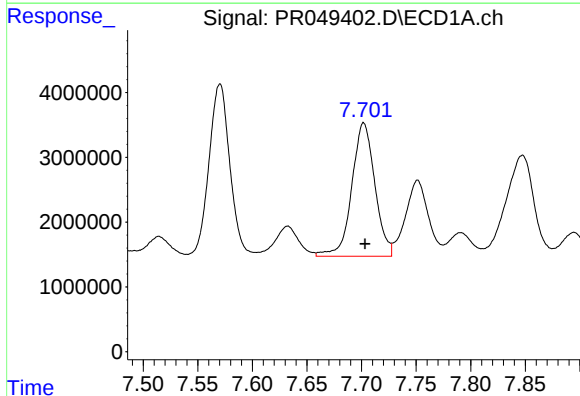
R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 22772915
Conc: 186.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



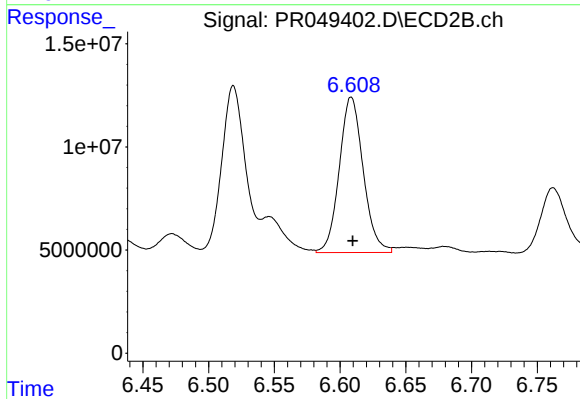
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 31141431
Conc: 247.46 ng/ml



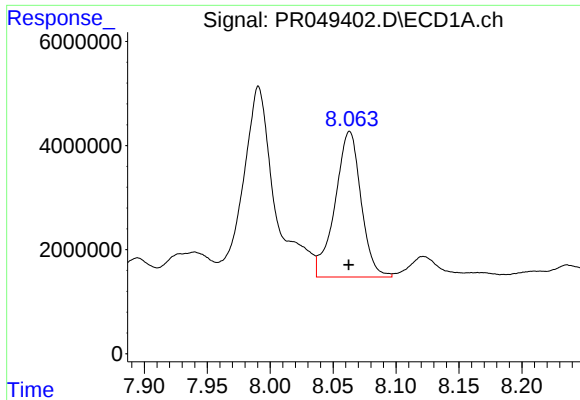
#32 AR-1260-2

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 30319536
Conc: 199.78 ng/ml



#32 AR-1260-2

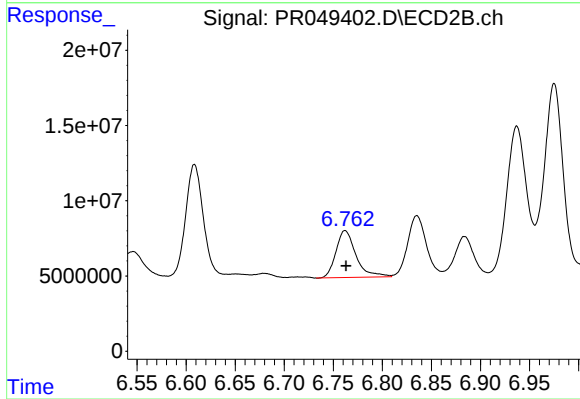
R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 95535146
Conc: 186.18 ng/ml



#33 AR-1260-3

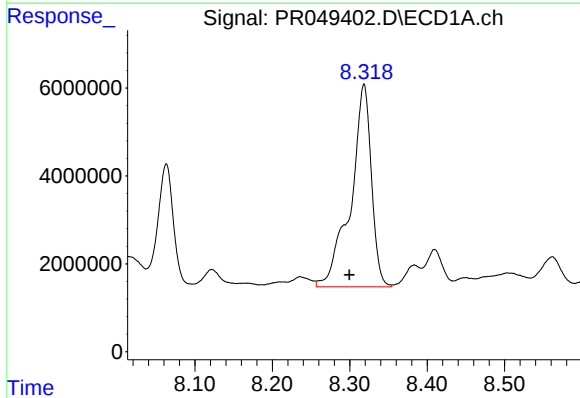
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 40195689
Conc: 339.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



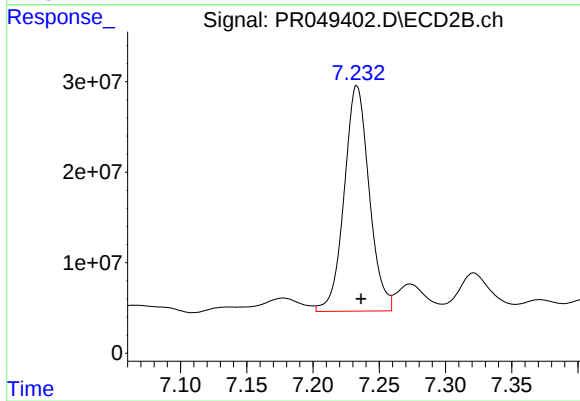
#33 AR-1260-3

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 44393014
Conc: 151.79 ng/ml



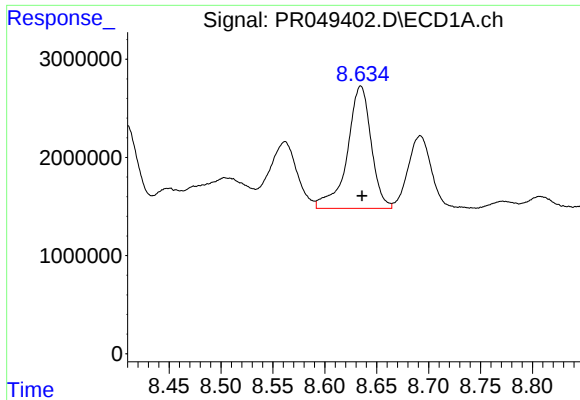
#34 AR-1260-4

R.T.: 8.318 min
Delta R.T.: 0.019 min
Response: 85599553
Conc: 678.46 ng/ml



#34 AR-1260-4

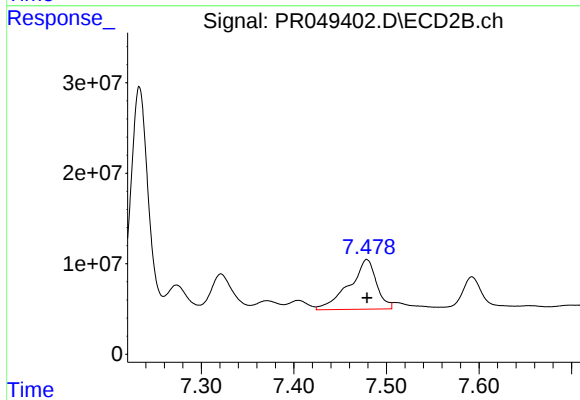
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 327625378
Conc: 930.54 ng/ml



#35 AR-1260-5

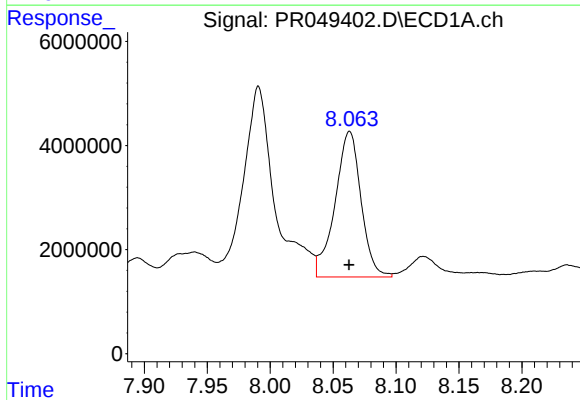
R.T.: 8.635 min
Delta R.T.: -0.001 min
Response: 19957394
Conc: 76.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



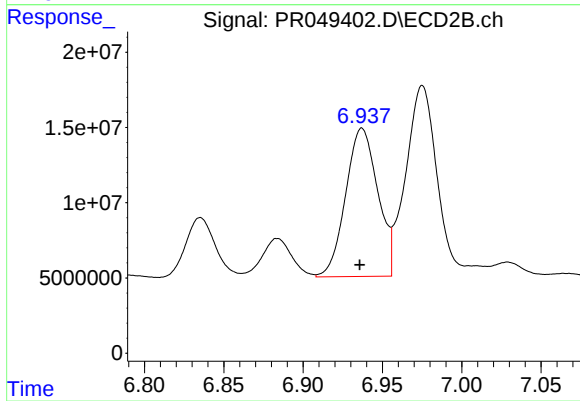
#35 AR-1260-5

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 112671167
Conc: 84.81 ng/ml



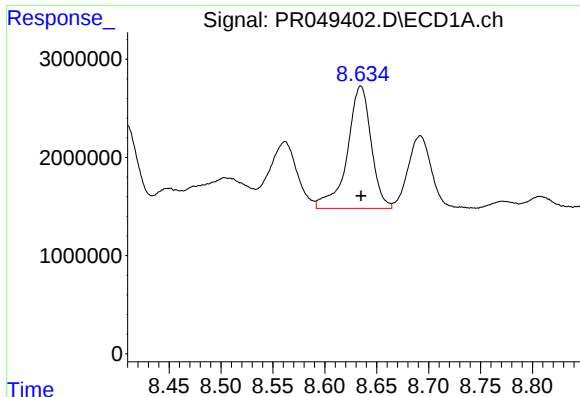
#36 AR-1262-1

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 40195689
Conc: 234.30 ng/ml



#36 AR-1262-1

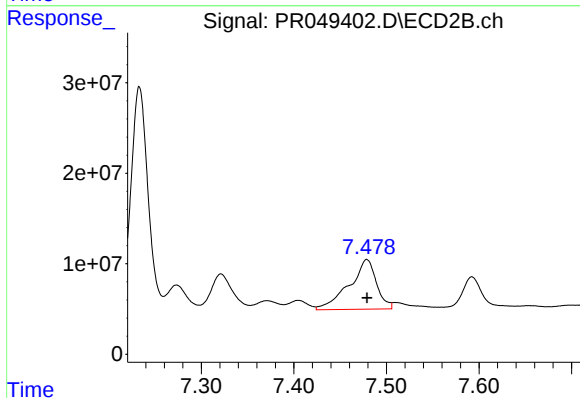
R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 138876446
Conc: 572.56 ng/ml



#37 AR-1262-2

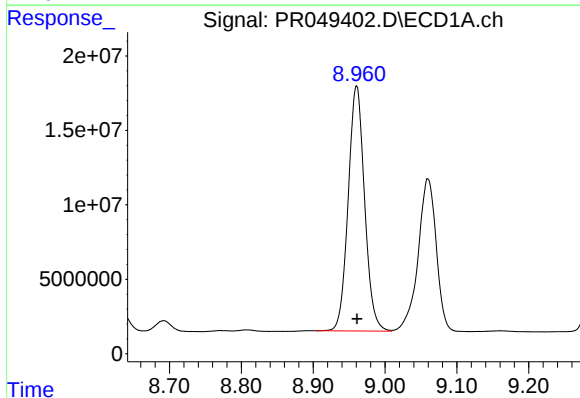
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 19957394
Conc: 67.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



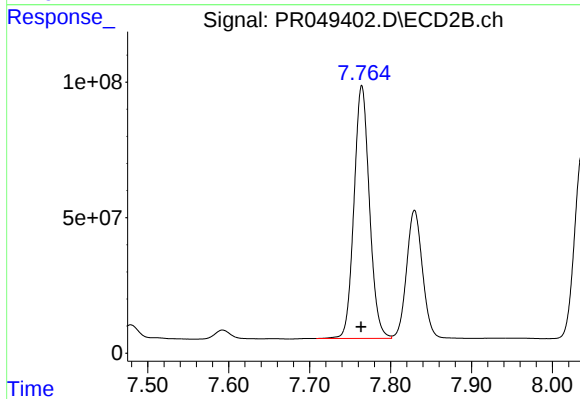
#37 AR-1262-2

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 112671167
Conc: 72.32 ng/ml



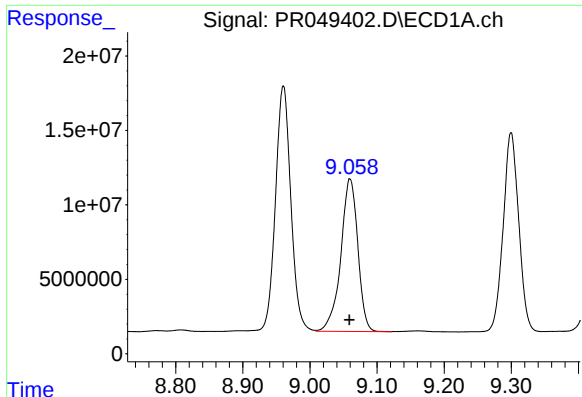
#38 AR-1262-3

R.T.: 8.960 min
Delta R.T.: 0.000 min
Response: 261645441
Conc: 1281.90 ng/ml



#38 AR-1262-3

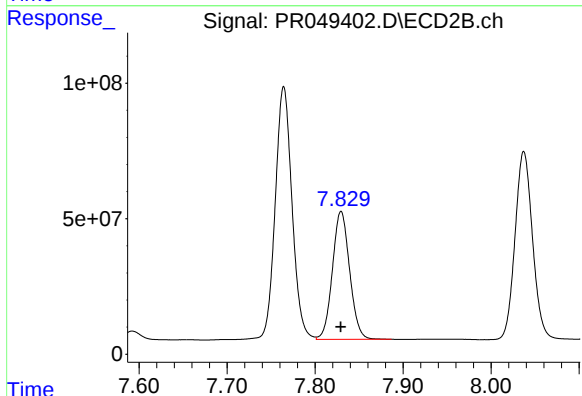
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 1237219033
Conc: 2062.00 ng/ml



#39 AR-1262-4

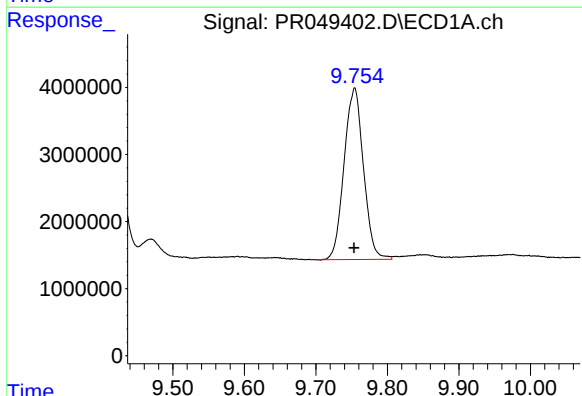
R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 180492757
Conc: 1127.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



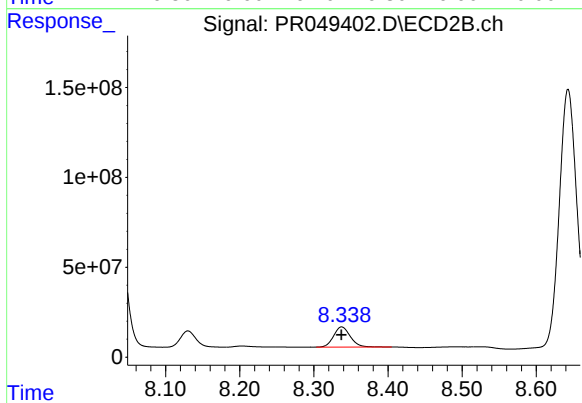
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 642875024
Conc: 641.48 ng/ml



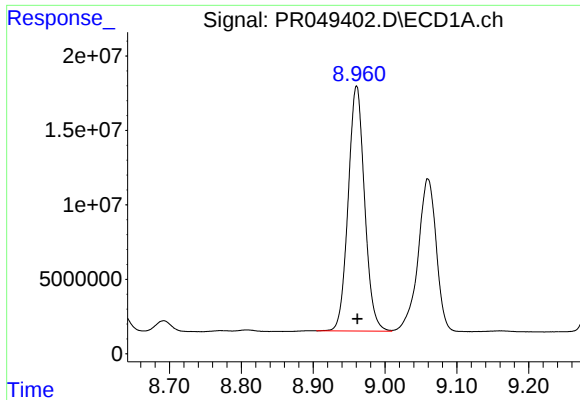
#40 AR-1262-5

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 48108312
Conc: 416.74 ng/ml



#40 AR-1262-5

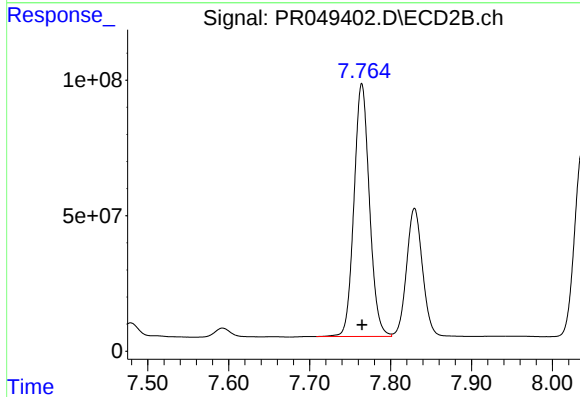
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 175464085
Conc: 395.67 ng/ml



#41 AR-1268-1

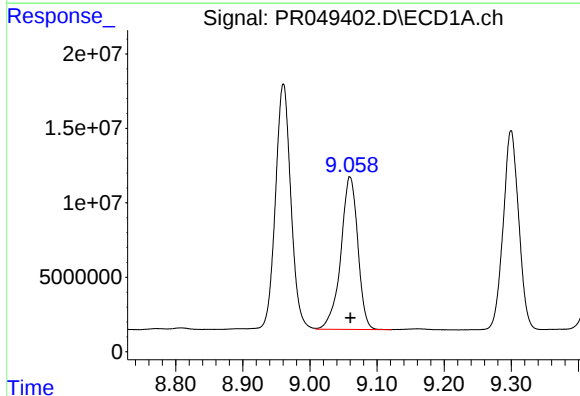
R.T.: 8.960 min
Delta R.T.: 0.000 min
Response: 261645441
Conc: 713.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



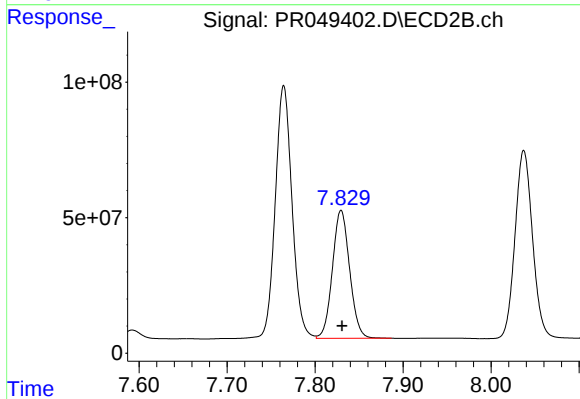
#41 AR-1268-1

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 1237219033
Conc: 682.00 ng/ml



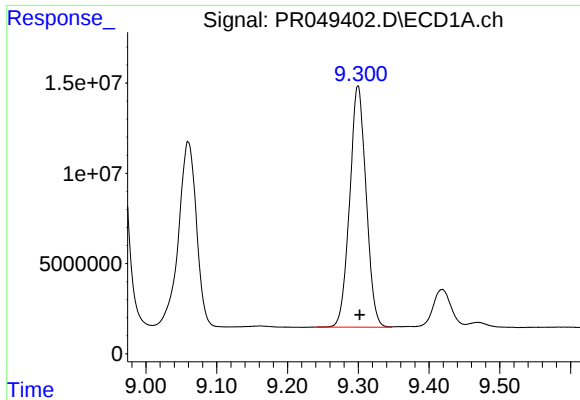
#42 AR-1268-2

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 180492757
Conc: 523.22 ng/ml



#42 AR-1268-2

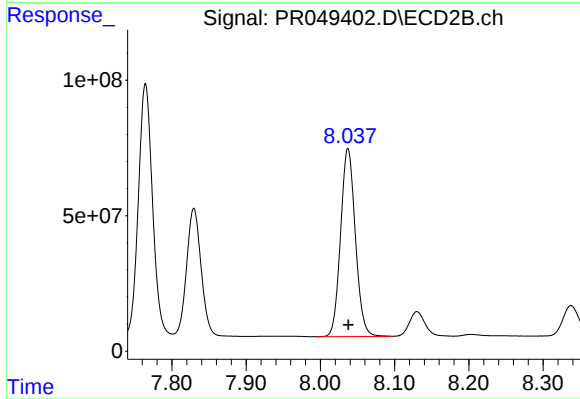
R.T.: 7.830 min
Delta R.T.: -0.001 min
Response: 642875024
Conc: 423.68 ng/ml



#43 AR-1268-3

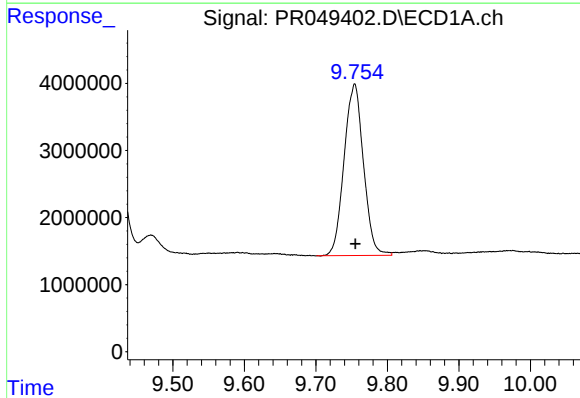
R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 215449821
Conc: 717.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



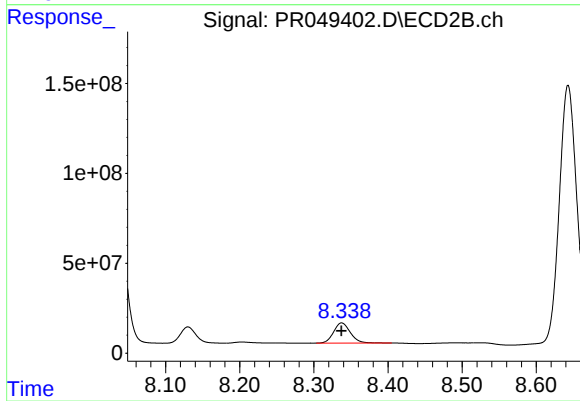
#43 AR-1268-3

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 960423230
Conc: 714.08 ng/ml



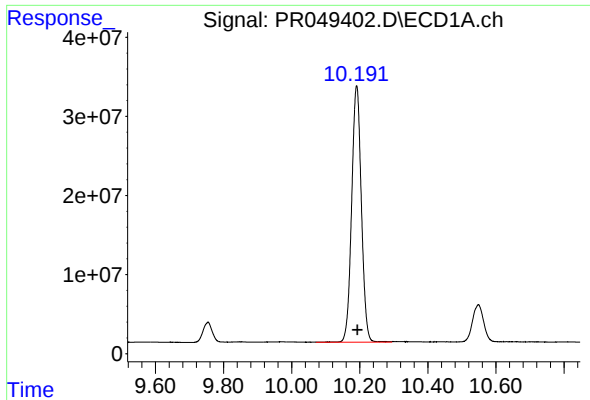
#44 AR-1268-4

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 48108312
Conc: 367.05 ng/ml



#44 AR-1268-4

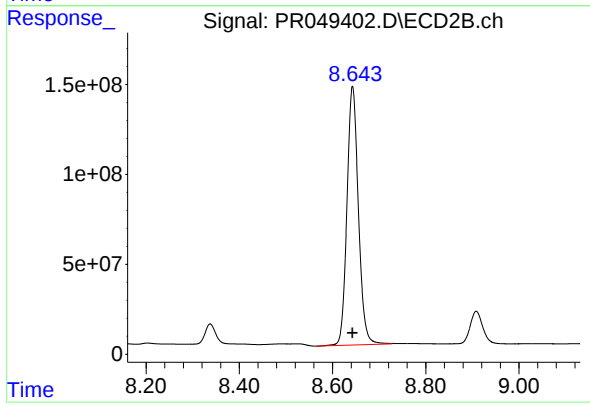
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 175464085
Conc: 347.54 ng/ml



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: -0.003 min
Response: 639325827
Conc: 640.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 2449521458
Conc: 617.22 ng/ml