

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 01:54
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:05:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 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...	3.690	2.906	138.4E6	204.7E6	46.326	47.284
2)	SA Decachlor...	9.656	8.137	111.6E6	170.9E6	48.657	48.447
Target Compounds							
3)	L1 AR-1016-1	4.924	4.017	42448911	66553789	462.417	471.053
4)	L1 AR-1016-2	4.946	4.034	60322120	96401393	463.272	471.016
5)	L1 AR-1016-3	5.011	4.212	38128758	49560296	457.728	464.329
6)	L1 AR-1016-4	5.114	4.262	30494068	39199744	464.374	454.674
7)	L1 AR-1016-5	5.432	4.478	30724809	51464344	466.630	459.670
8)	L2 AR-1221-1	3.909	3.129	5537495	6832341	180.589	180.146
9)	L2 AR-1221-2	4.003	3.215	7631802	9499499	339.056	336.705
10)	L2 AR-1221-3	4.082	3.291	26666388	35321431	397.484	399.570
11)	L3 AR-1232-1	4.082	3.291	26666388	35321431	383.396	381.783
12)	L3 AR-1232-2	4.636	4.034	32363753	96401393	994.826	1093.732
13)	L3 AR-1232-3	4.946	4.212	60322120	49560296	1030.644	1109.338
14)	L3 AR-1232-4	5.114	4.304	30494068	47116111	1029.295	1173.112
15)	L3 AR-1232-5	5.219	4.478	24292599	51464344	1081.038	1126.033
16)	L4 AR-1242-1	4.924	4.017	42448911	66553789	581.073	601.996
17)	L4 AR-1242-2	4.946	4.034	60322120	96401393	589.611	596.752
18)	L4 AR-1242-3	5.011	4.212	38128758	49560296	580.503	594.529
19)	L4 AR-1242-4	5.114	4.304	30494068	47116111	583.780	584.565
20)	L4 AR-1242-5	5.909	4.846	8735648	49706800	162.831	495.458 #
21)	L5 AR-1248-1	4.924	4.017	42448911	66553789	764.456	801.536
22)	L5 AR-1248-2	5.219	4.262	24292599	39199744	327.946	323.245
23)	L5 AR-1248-3	5.432	4.304	30724809	47116111	359.346	385.763
24)	L5 AR-1248-4	5.869	4.478	9929209	51464344	111.040	344.824 #
25)	L5 AR-1248-5	5.909	4.889	8735648	11347919	97.562	81.992
26)	L6 AR-1254-1	5.839	4.846	26430300	49706800	283.864	219.003
27)	L6 AR-1254-2	6.078	5.004	23187565	34949634	164.064	179.295
28)	L6 AR-1254-3	6.473	5.443f	10790965	68862958	73.469	221.582 #
29)	L6 AR-1254-4	6.784	5.670	6848183	4903225	64.583	27.176 #
30)	L6 AR-1254-5	7.243	6.112	74220979	137.8E6	623.897	501.040
31)	L7 AR-1260-1	6.654	5.564	56037019	107.0E6	461.429	465.889
32)	L7 AR-1260-2	6.937	5.768	65037761	127.5E6	467.077	471.460
33)	L7 AR-1260-3	7.330	5.926	50282573	120.8E6	471.813	470.084
34)	L7 AR-1260-4	7.575	6.429	57721347	100.3E6	470.188	471.005
35)	L7 AR-1260-5	7.914	6.695	108.7E6	230.8E6	477.113	478.590
36)	L8 AR-1262-1	7.330	6.156	50282573	106.3E6	359.327	367.503
37)	L8 AR-1262-2	7.914	6.429	108.7E6	100.3E6	457.439	390.087
38)	L8 AR-1262-3	8.231	6.998	73753809	48787942	431.680	250.912 #
39)	L8 AR-1262-4	8.312	7.064	21969335	163.3E6	165.749	447.364 #
40)	L8 AR-1262-5	8.947	7.602	33983091	53153306	358.373	336.410
41)	L9 AR-1268-1	8.231	6.998	73753809	48787942	240.634	78.834 #

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 Acq On : 25 Feb 2023 01:54
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

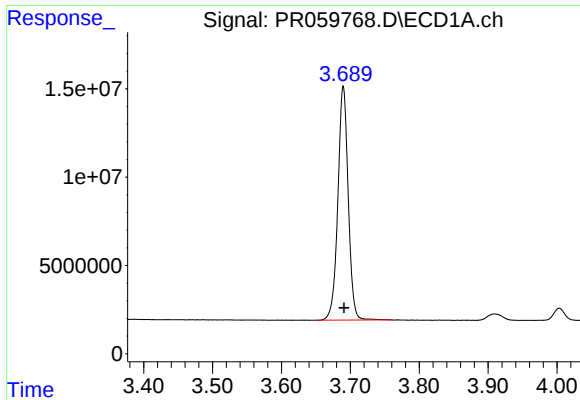
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:05:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
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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	8.312	7.064	21969335	163.3E6	78.955	294.491 #
43) L9	AR-1268-3	8.535	7.287	2017436	3174778	8.083	6.556
44) L9	AR-1268-4	8.947	7.602	33983091	53153306	309.458	293.631
45) L9	AR-1268-5	9.339	7.897	10363566	14270848	13.050	9.692 #

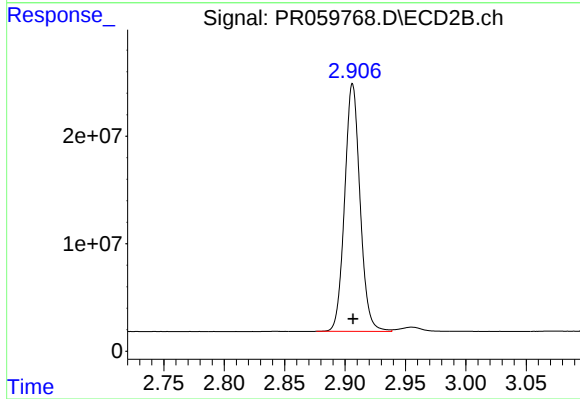
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

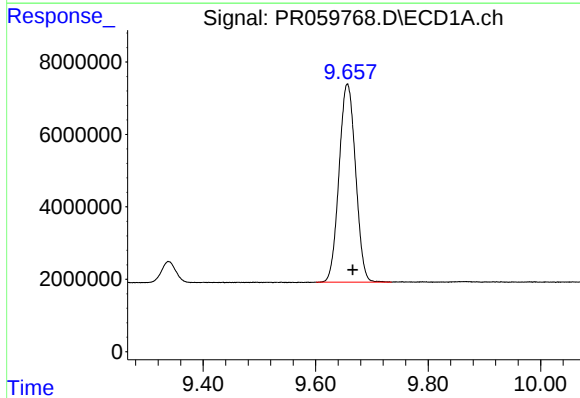
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 138405773
Conc: 46.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



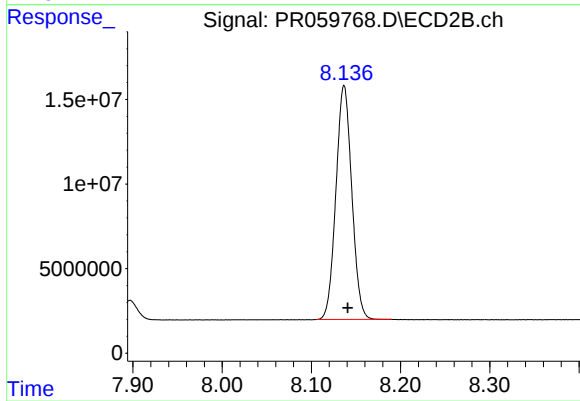
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 204668077
Conc: 47.28 ng/ml



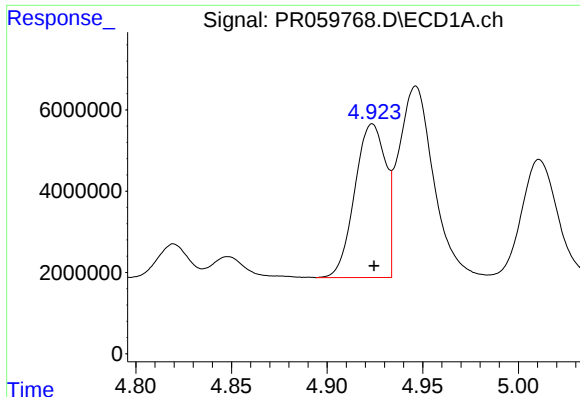
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.009 min
Response: 111605936
Conc: 48.66 ng/ml



#2 Decachlorobiphenyl

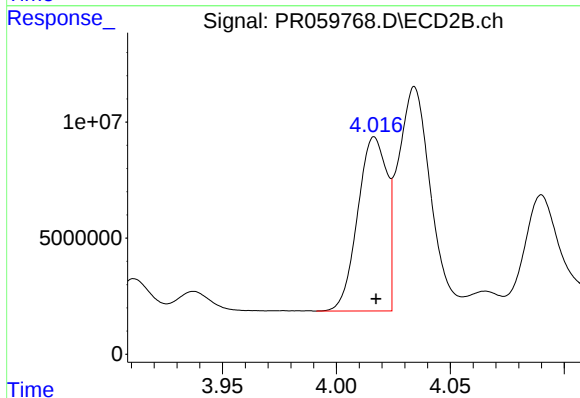
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 170912210
Conc: 48.45 ng/ml



#3 AR-1016-1

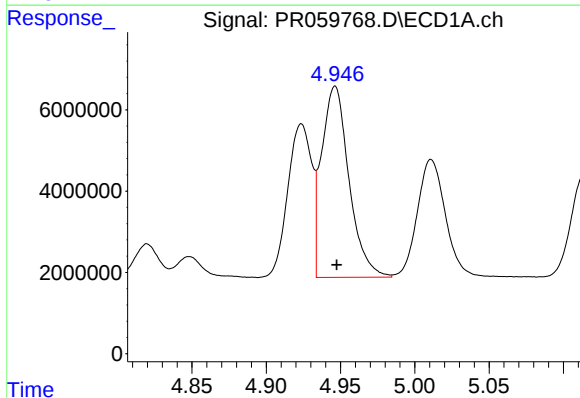
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 42448911
Conc: 462.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



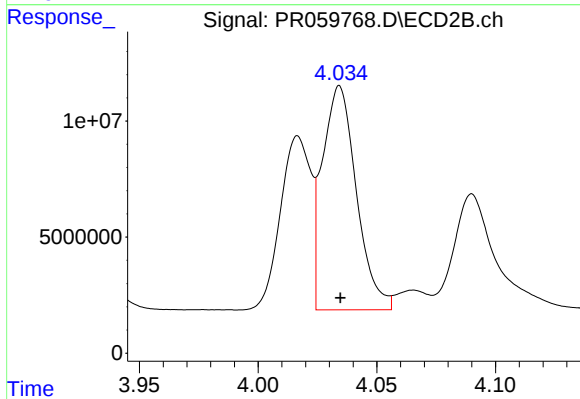
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 66553789
Conc: 471.05 ng/ml



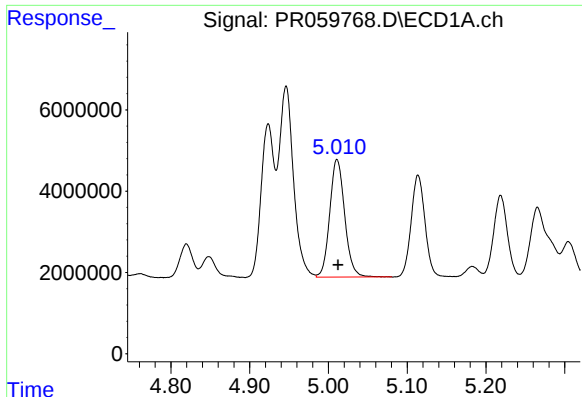
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 60322120
Conc: 463.27 ng/ml



#4 AR-1016-2

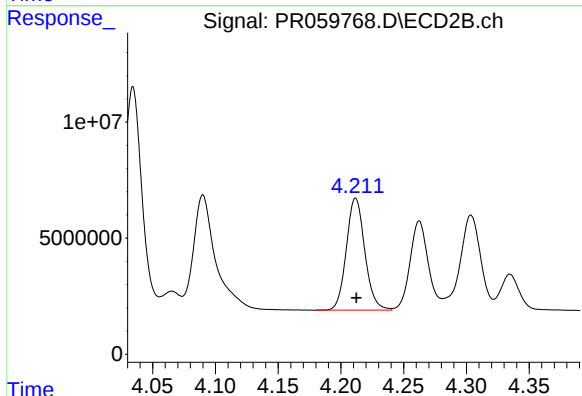
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 96401393
Conc: 471.02 ng/ml



#5 AR-1016-3

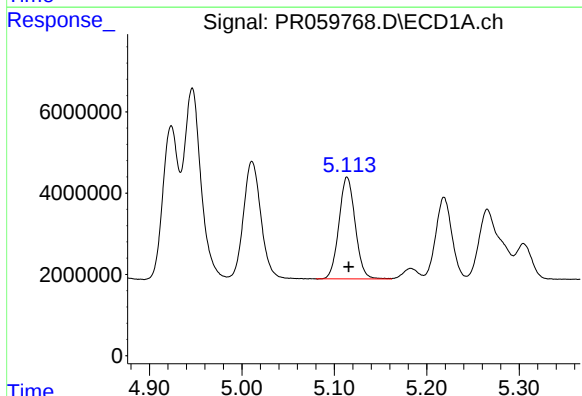
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 38128758
Conc: 457.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



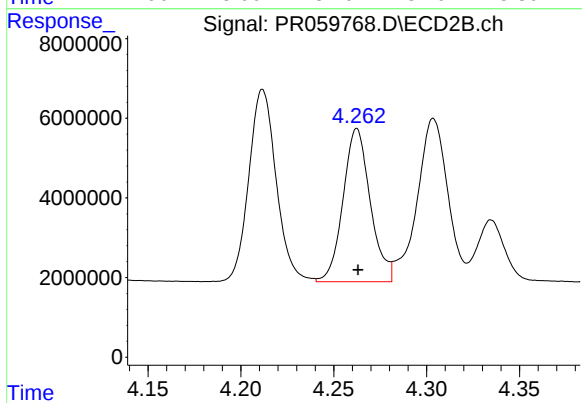
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49560296
Conc: 464.33 ng/ml



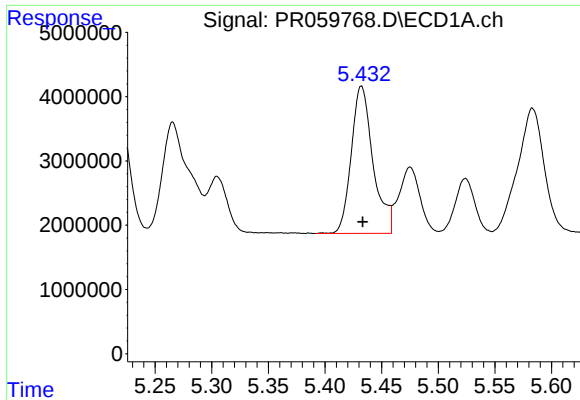
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 30494068
Conc: 464.37 ng/ml



#6 AR-1016-4

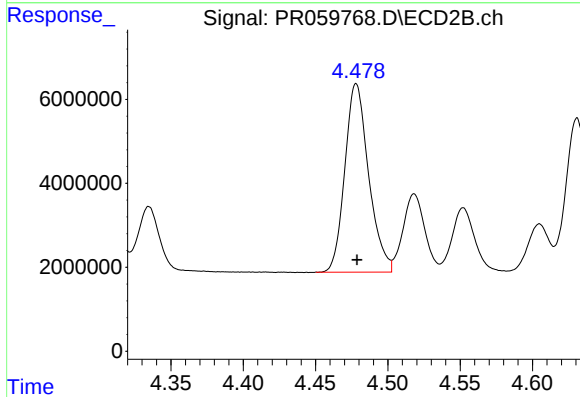
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 39199744
Conc: 454.67 ng/ml



#7 AR-1016-5

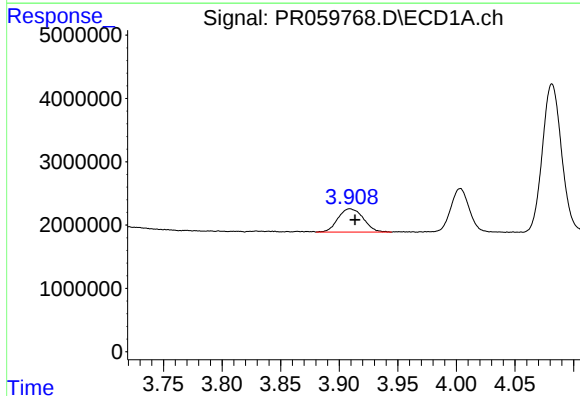
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 30724809
Conc: 466.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



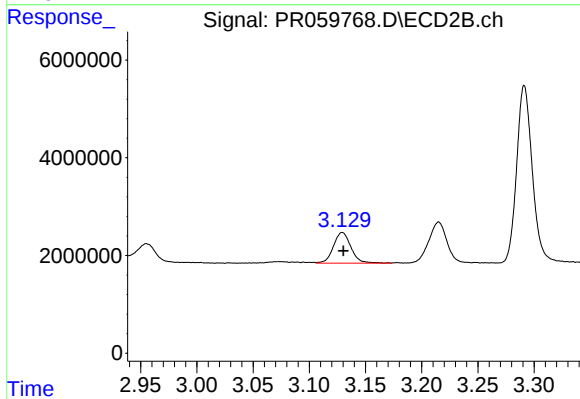
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 51464344
Conc: 459.67 ng/ml



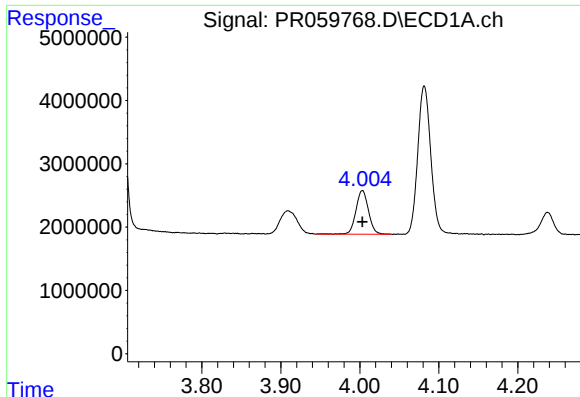
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.004 min
Response: 5537495
Conc: 180.59 ng/ml



#8 AR-1221-1

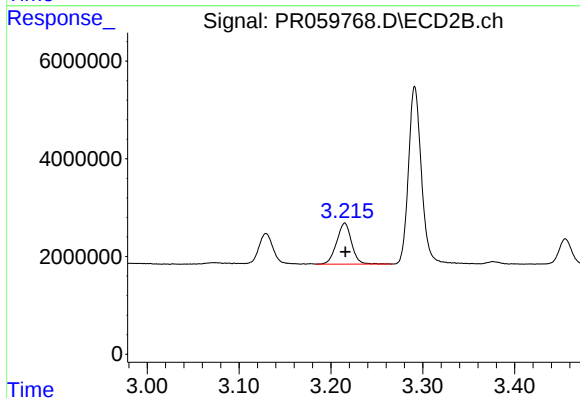
R.T.: 3.129 min
Delta R.T.: 0.000 min
Response: 6832341
Conc: 180.15 ng/ml



#9 AR-1221-2

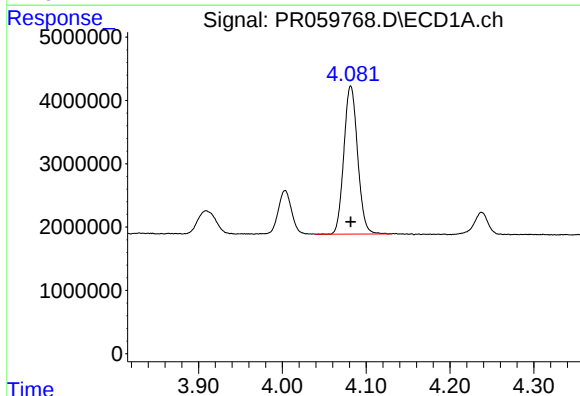
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 7631802
Conc: 339.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



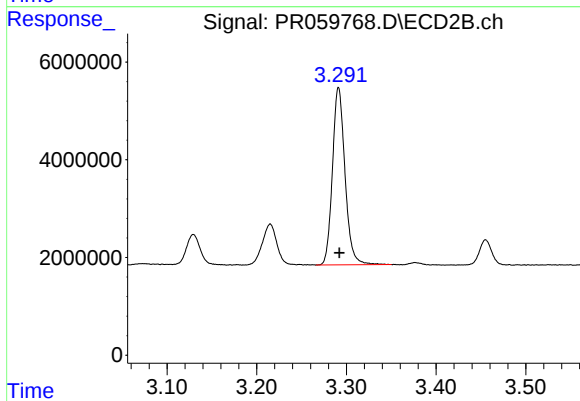
#9 AR-1221-2

R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 9499499
Conc: 336.71 ng/ml



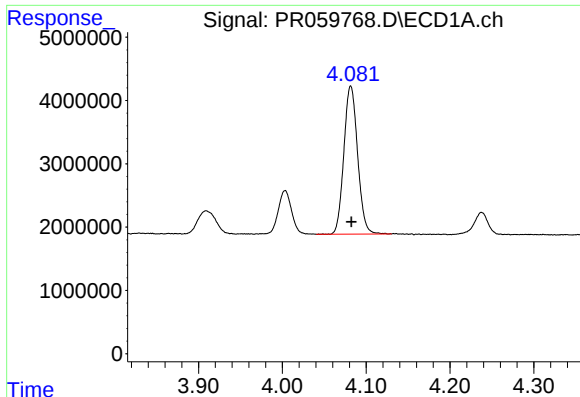
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 26666388
Conc: 397.48 ng/ml



#10 AR-1221-3

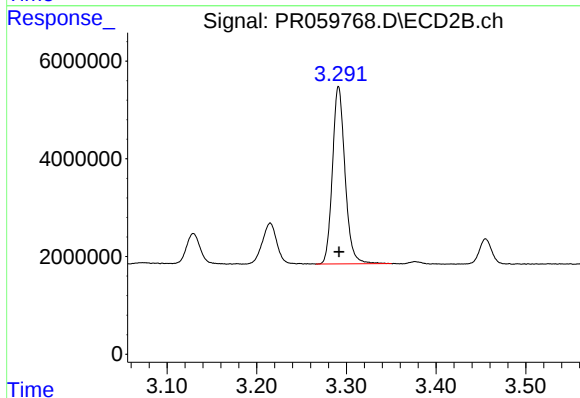
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 35321431
Conc: 399.57 ng/ml



#11 AR-1232-1

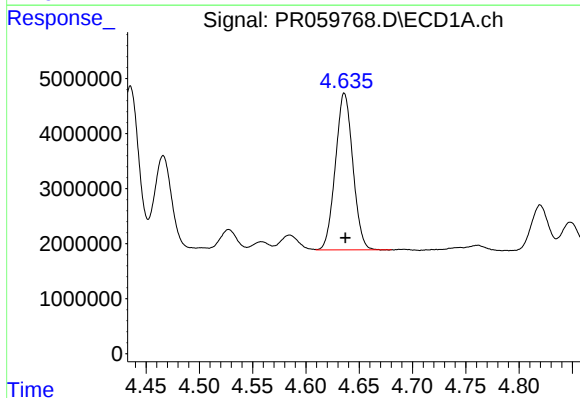
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 26666388
Conc: 383.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



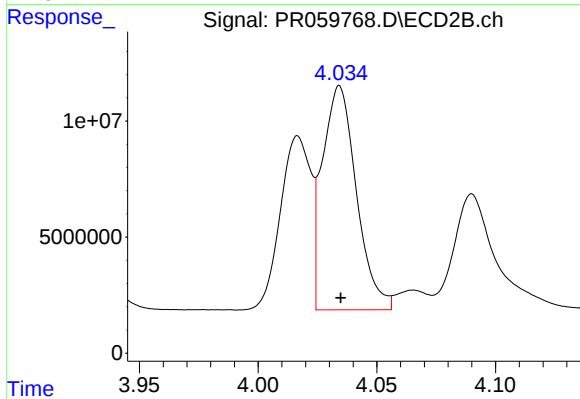
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 35321431
Conc: 381.78 ng/ml



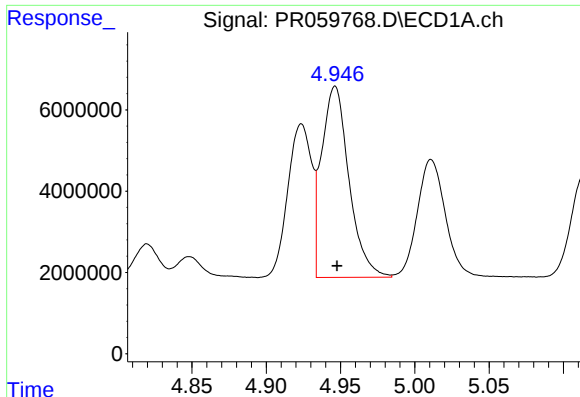
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 32363753
Conc: 994.83 ng/ml



#12 AR-1232-2

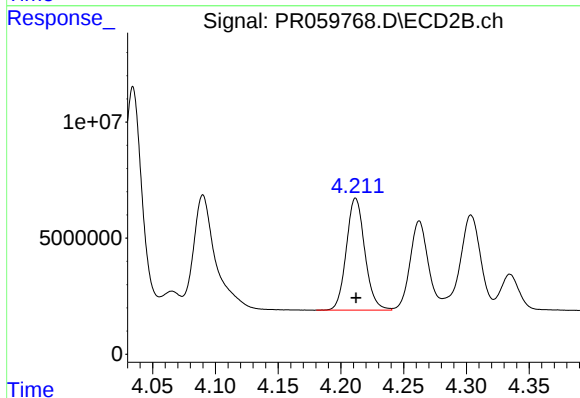
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 96401393
Conc: 1093.73 ng/ml



#13 AR-1232-3

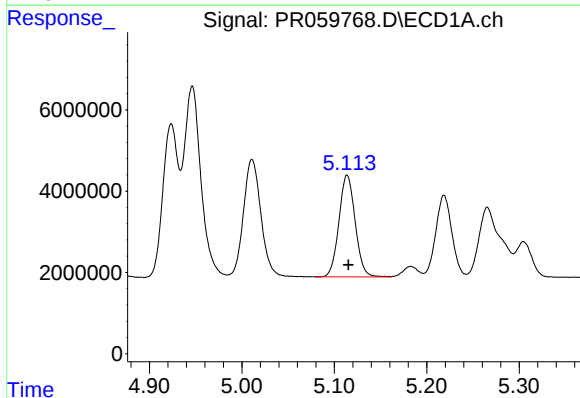
R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 60322120
Conc: 1030.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



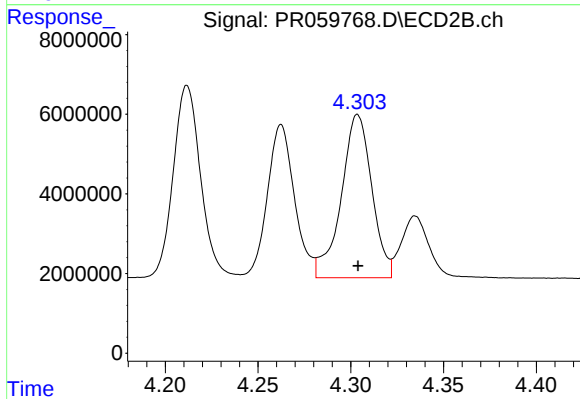
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49560296
Conc: 1109.34 ng/ml



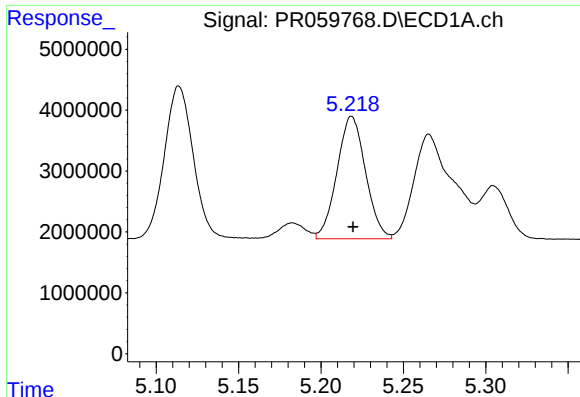
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 30494068
Conc: 1029.30 ng/ml



#14 AR-1232-4

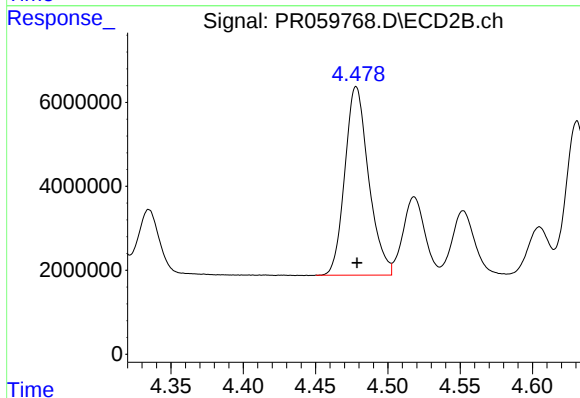
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47116111
Conc: 1173.11 ng/ml



#15 AR-1232-5

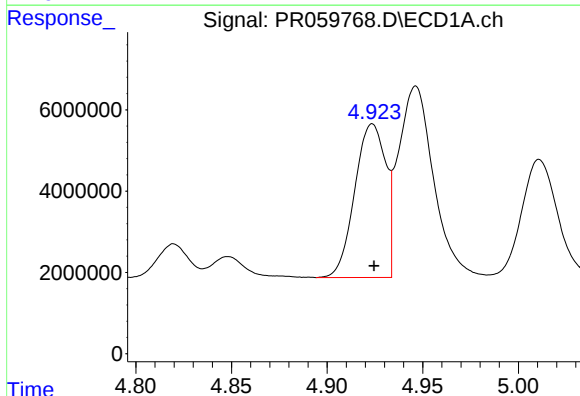
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 24292599
Conc: 1081.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



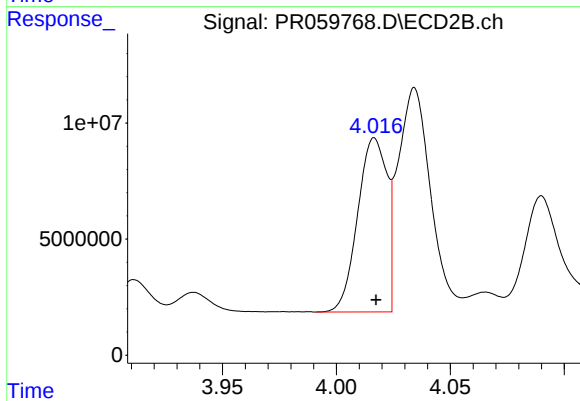
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 51464344
Conc: 1126.03 ng/ml



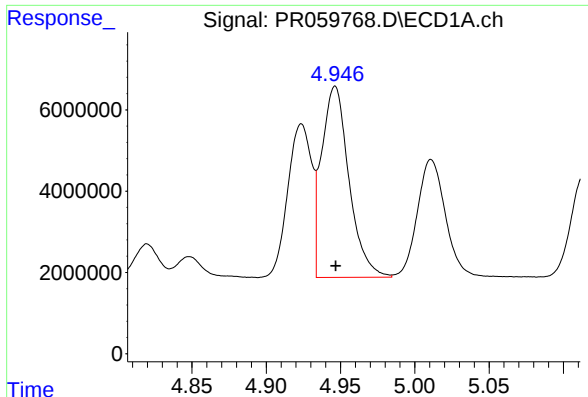
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 42448911
Conc: 581.07 ng/ml



#16 AR-1242-1

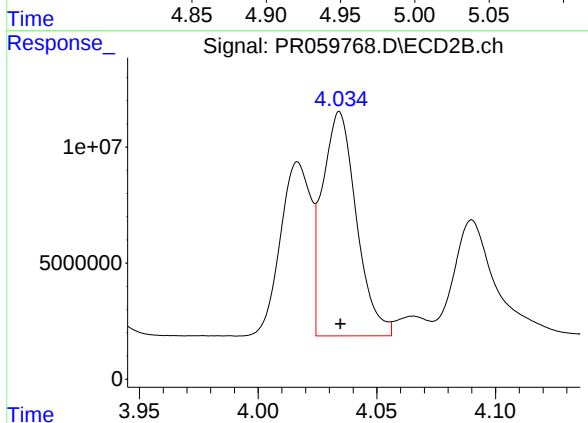
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 66553789
Conc: 602.00 ng/ml



#17 AR-1242-2

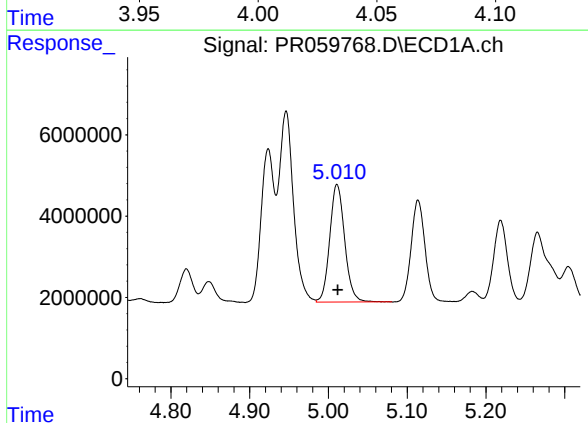
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 60322120
Conc: 589.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



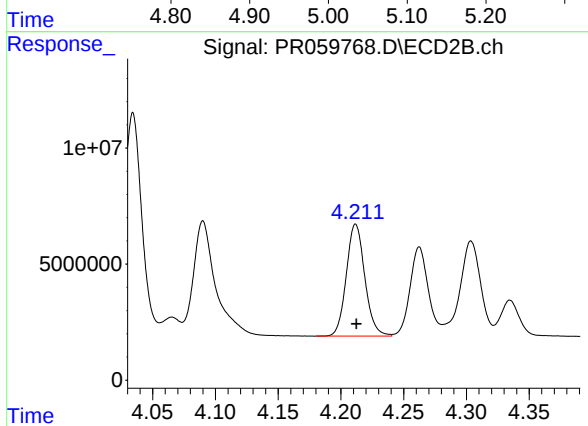
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 96401393
Conc: 596.75 ng/ml



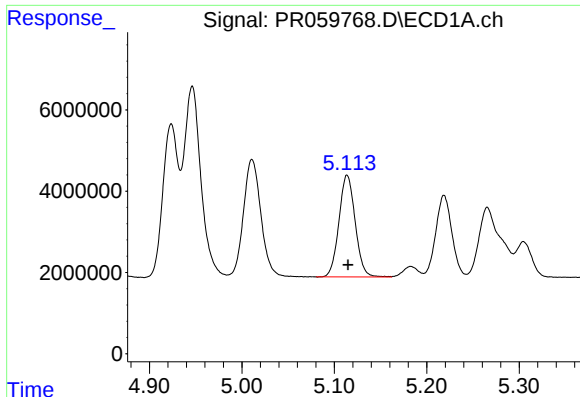
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 38128758
Conc: 580.50 ng/ml



#18 AR-1242-3

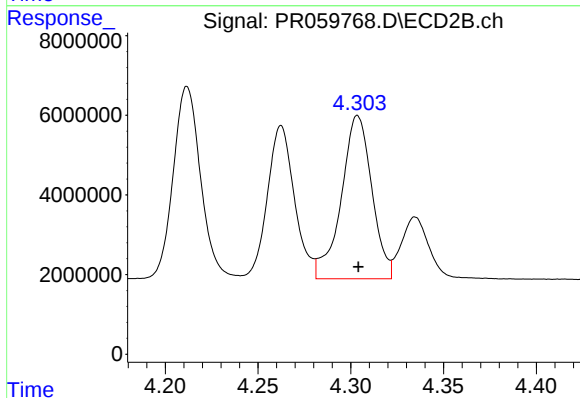
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49560296
Conc: 594.53 ng/ml



#19 AR-1242-4

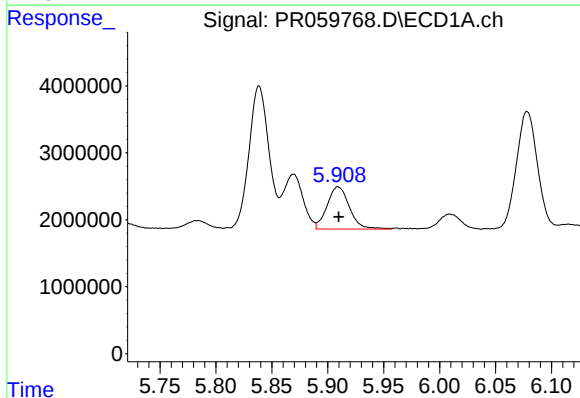
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 30494068
Conc: 583.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



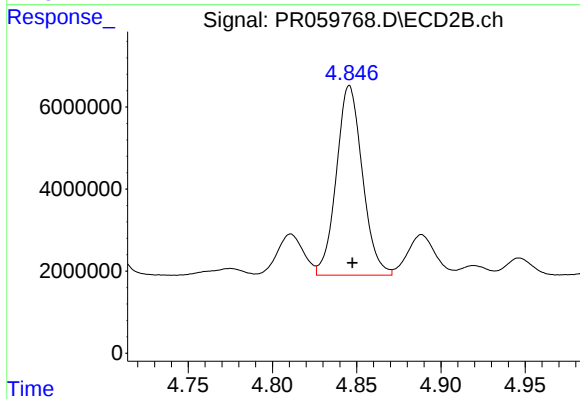
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47116111
Conc: 584.57 ng/ml



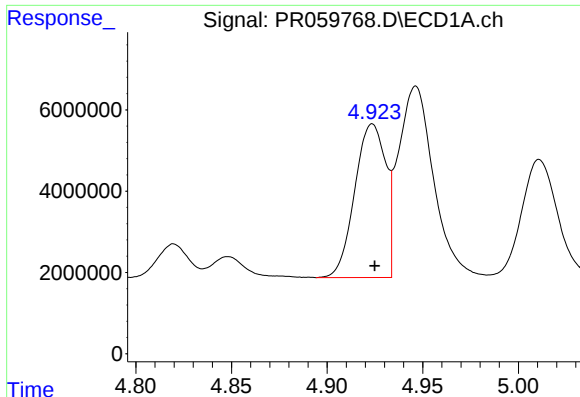
#20 AR-1242-5

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 8735648
Conc: 162.83 ng/ml



#20 AR-1242-5

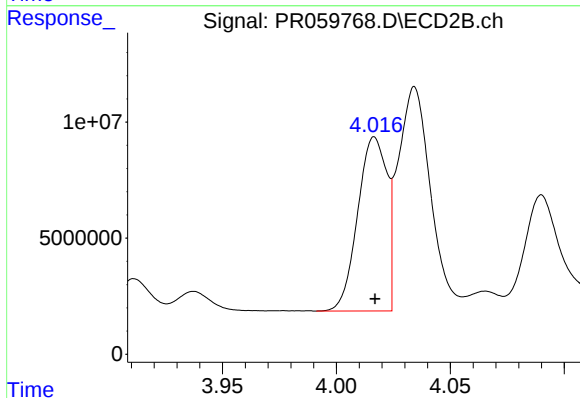
R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 49706800
Conc: 495.46 ng/ml



#21 AR-1248-1

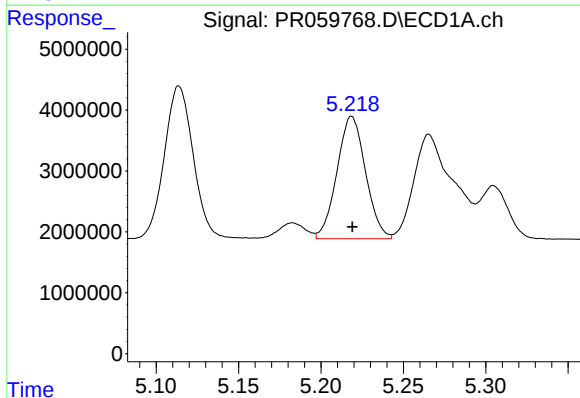
R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 42448911
Conc: 764.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



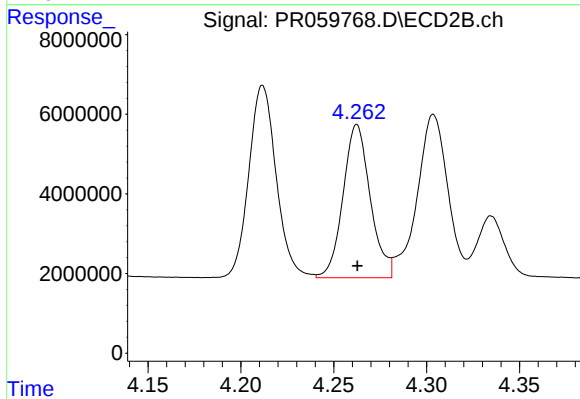
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 66553789
Conc: 801.54 ng/ml



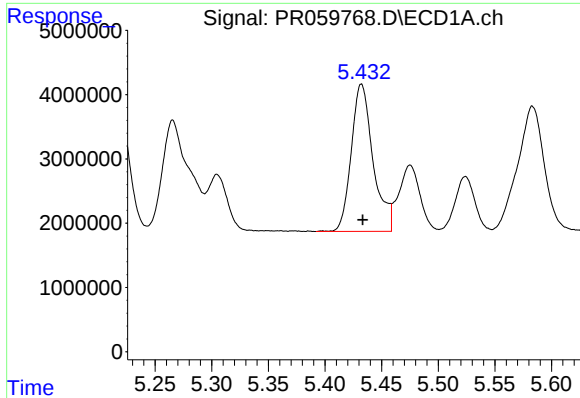
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 24292599
Conc: 327.95 ng/ml



#22 AR-1248-2

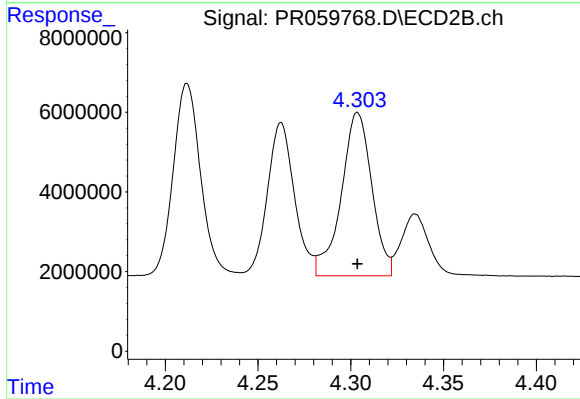
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 39199744
Conc: 323.24 ng/ml



#23 AR-1248-3

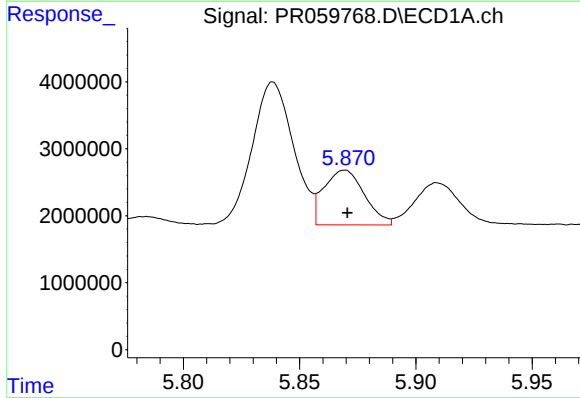
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 30724809
Conc: 359.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



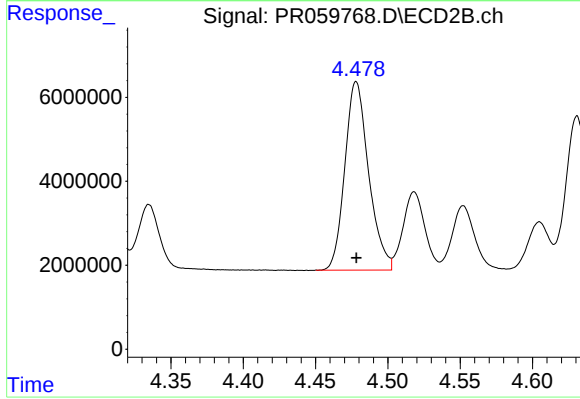
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47116111
Conc: 385.76 ng/ml



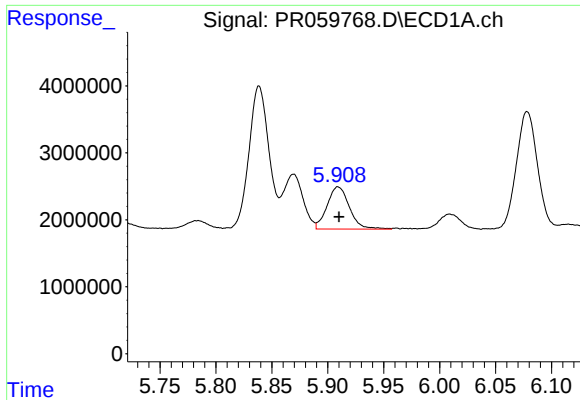
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 9929209
Conc: 111.04 ng/ml



#24 AR-1248-4

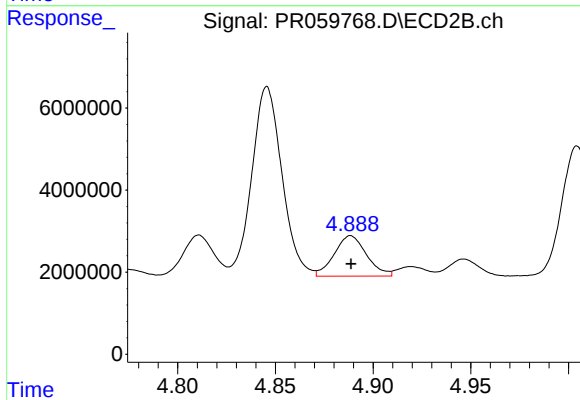
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 51464344
Conc: 344.82 ng/ml



#25 AR-1248-5

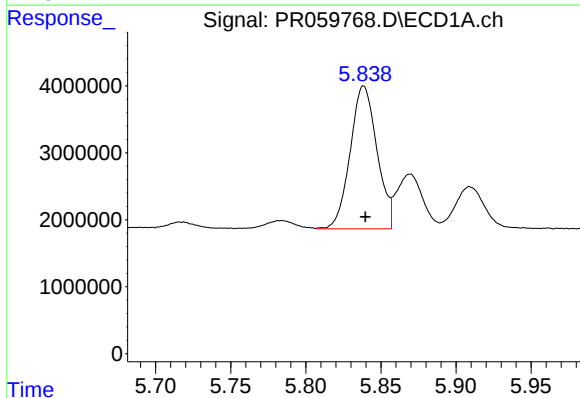
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 8735648
Conc: 97.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



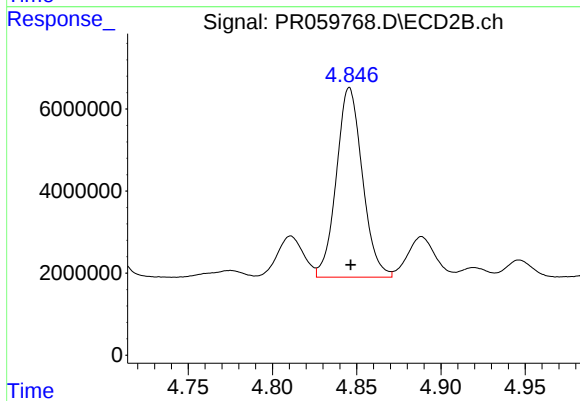
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 11347919
Conc: 81.99 ng/ml



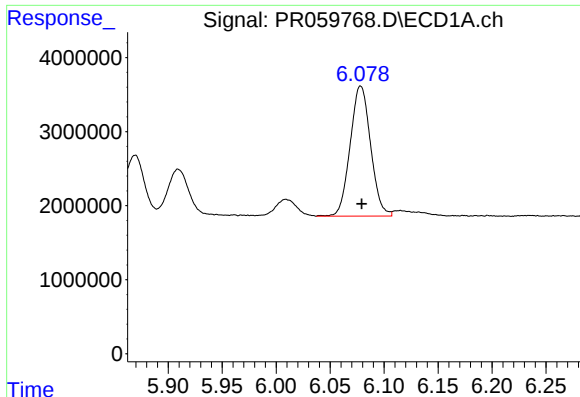
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 26430300
Conc: 283.86 ng/ml



#26 AR-1254-1

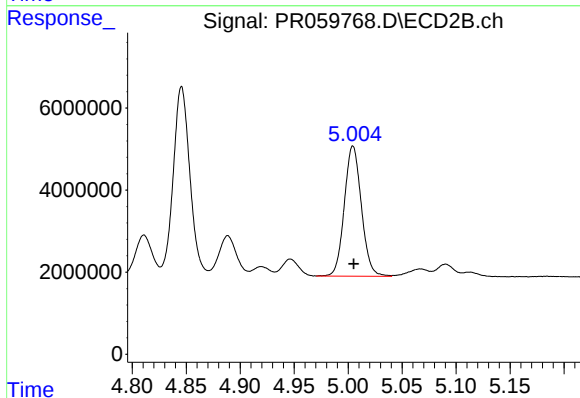
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 49706800
Conc: 219.00 ng/ml



#27 AR-1254-2

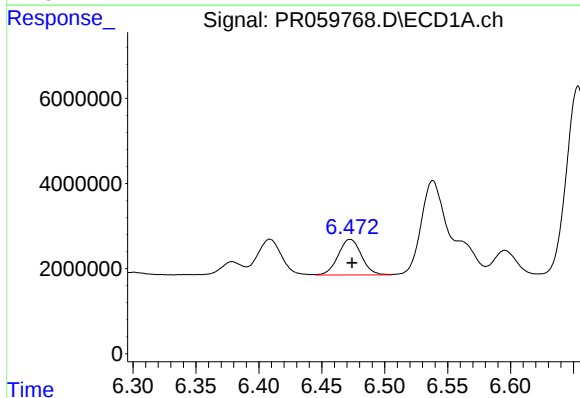
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 23187565
Conc: 164.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



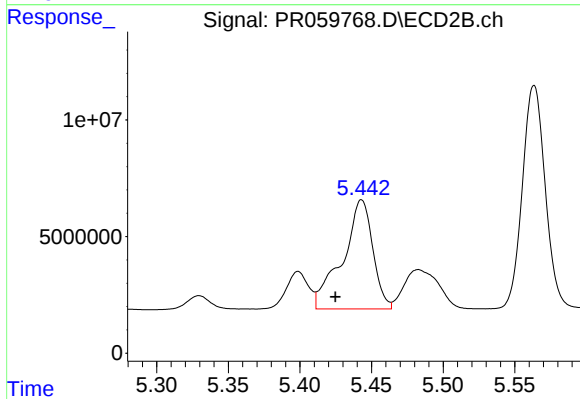
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 34949634
Conc: 179.30 ng/ml



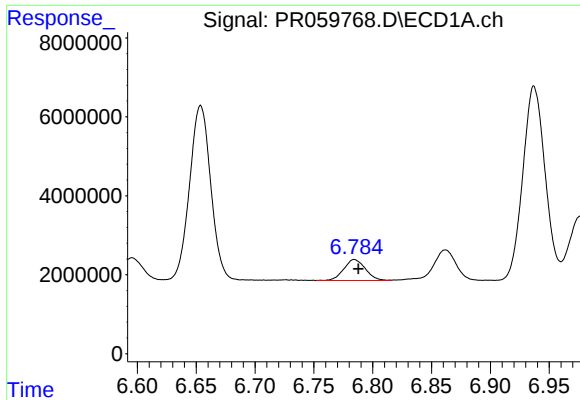
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 10790965
Conc: 73.47 ng/ml



#28 AR-1254-3

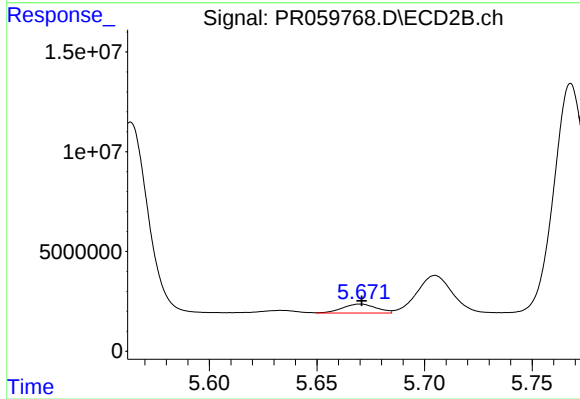
R.T.: 5.443 min
Delta R.T.: 0.018 min
Response: 68862958
Conc: 221.58 ng/ml



#29 AR-1254-4

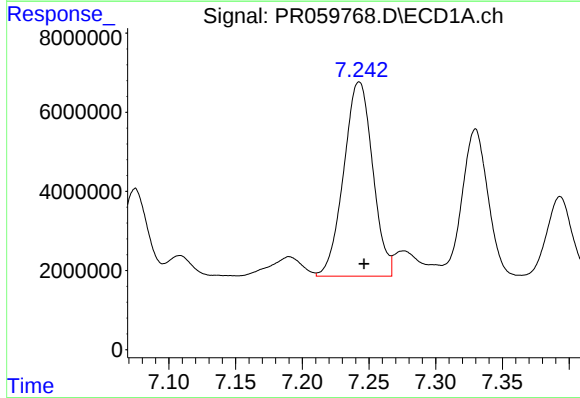
R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 6848183
Conc: 64.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



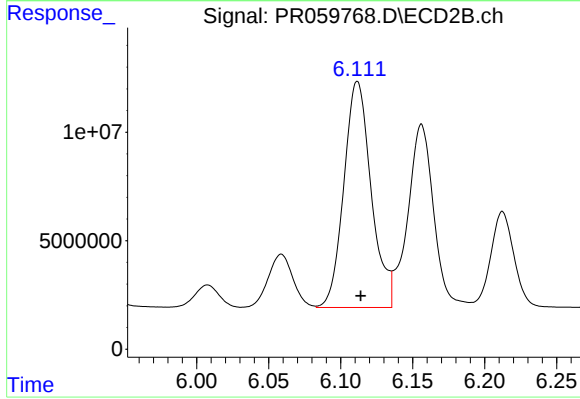
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 4903225
Conc: 27.18 ng/ml



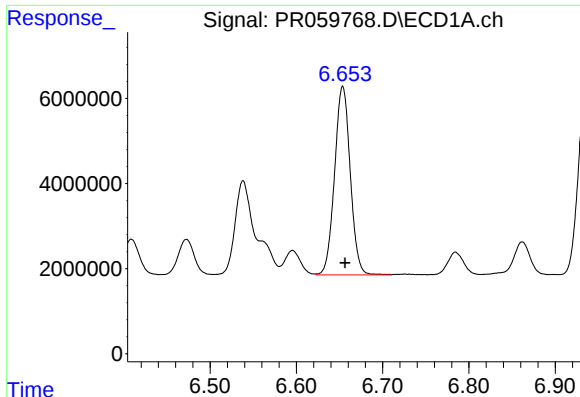
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.004 min
Response: 74220979
Conc: 623.90 ng/ml



#30 AR-1254-5

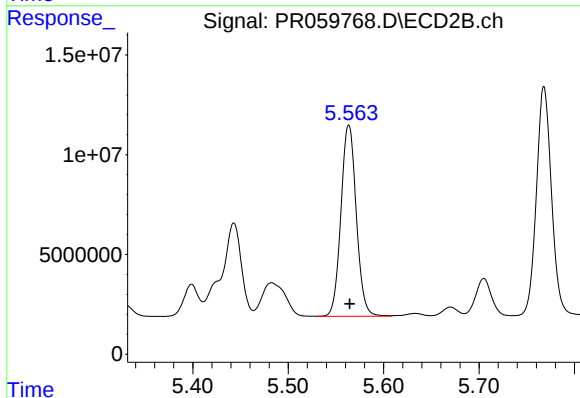
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 137842544
Conc: 501.04 ng/ml



#31 AR-1260-1

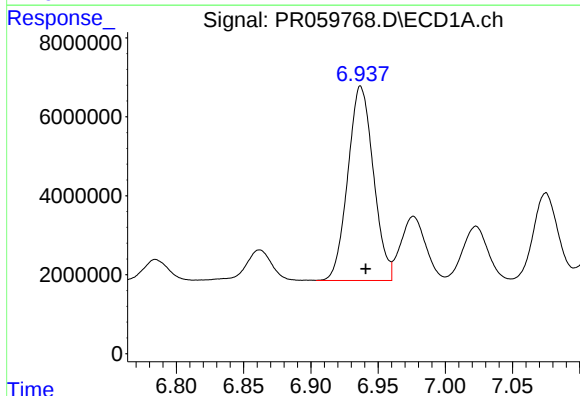
R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 56037019
Conc: 461.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



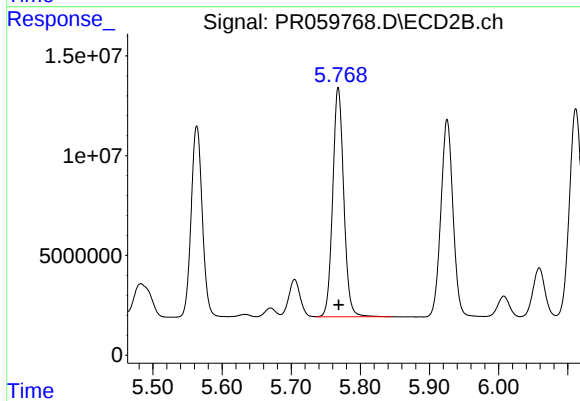
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 107044383
Conc: 465.89 ng/ml



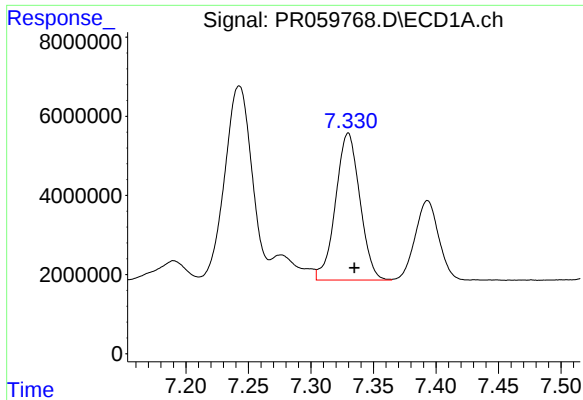
#32 AR-1260-2

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 65037761
Conc: 467.08 ng/ml



#32 AR-1260-2

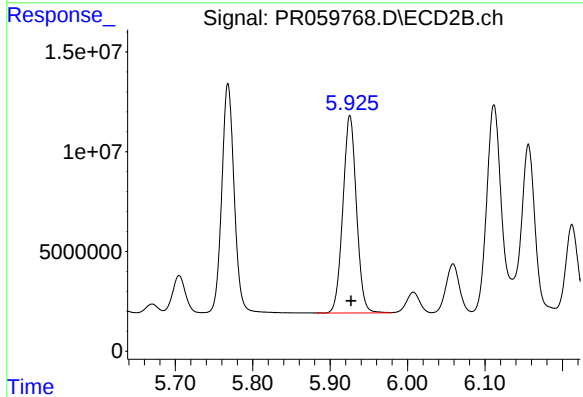
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 127466313
Conc: 471.46 ng/ml



#33 AR-1260-3

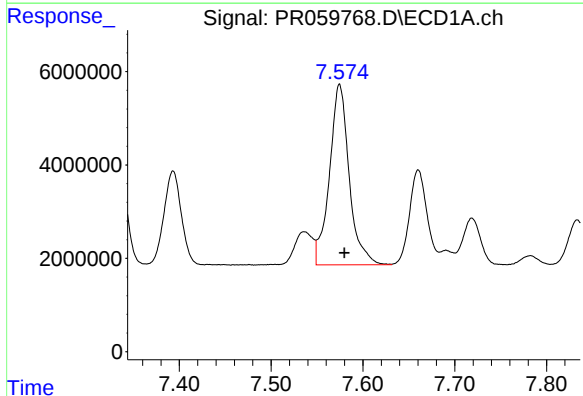
R.T.: 7.330 min
Delta R.T.: -0.005 min
Response: 50282573
Conc: 471.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



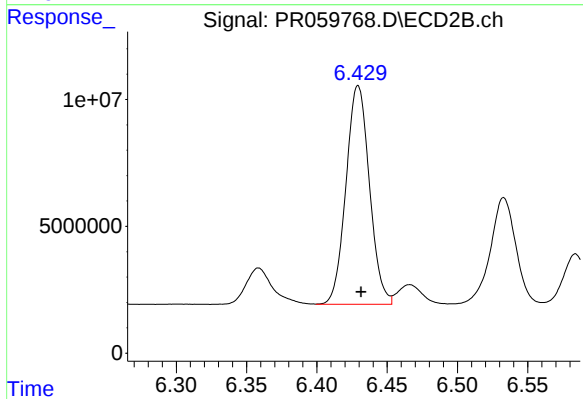
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 120798599
Conc: 470.08 ng/ml



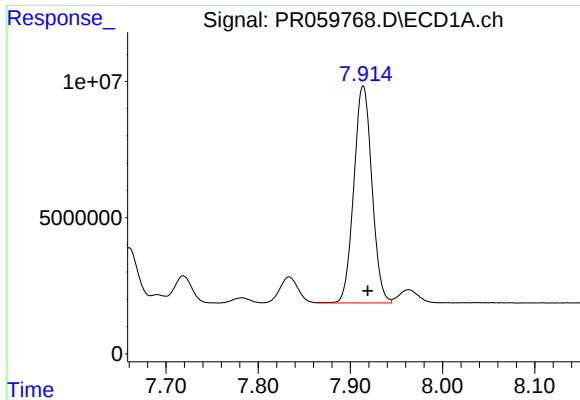
#34 AR-1260-4

R.T.: 7.575 min
Delta R.T.: -0.005 min
Response: 57721347
Conc: 470.19 ng/ml



#34 AR-1260-4

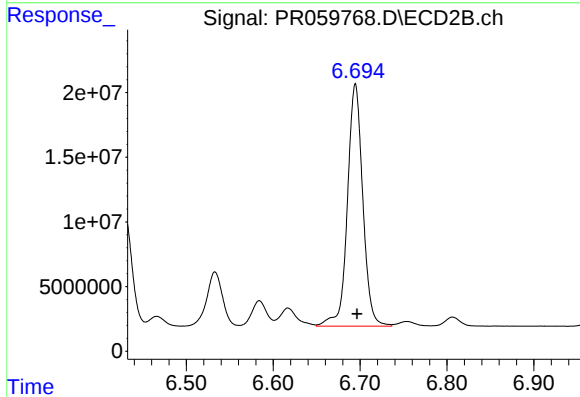
R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 100274751
Conc: 471.01 ng/ml



#35 AR-1260-5

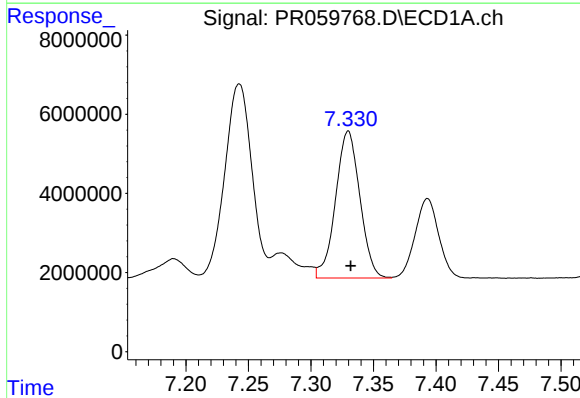
R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 108727986
Conc: 477.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



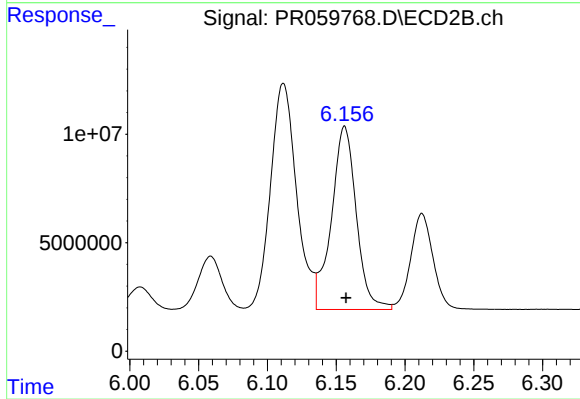
#35 AR-1260-5

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 230757670
Conc: 478.59 ng/ml



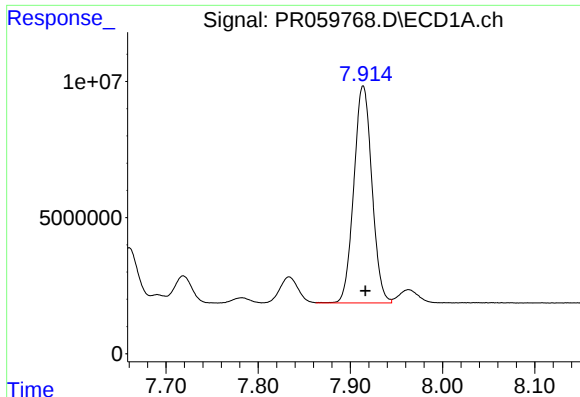
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 50282573
Conc: 359.33 ng/ml



#36 AR-1262-1

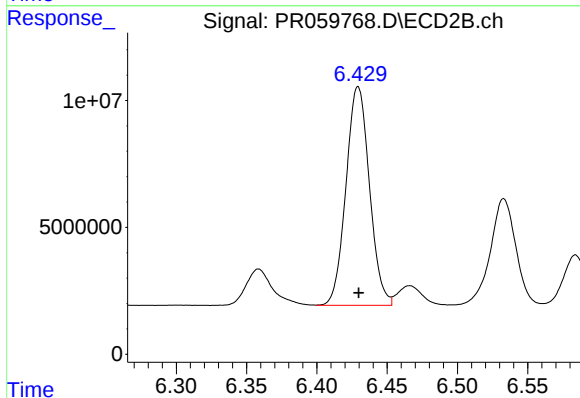
R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 106322407
Conc: 367.50 ng/ml



#37 AR-1262-2

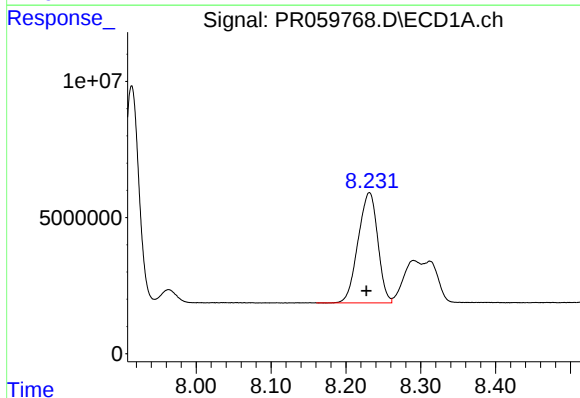
R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 108727986
Conc: 457.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



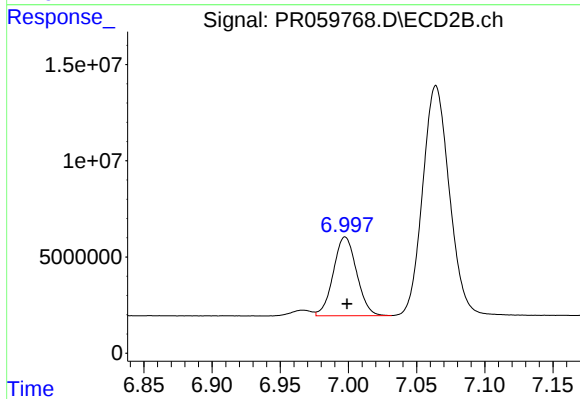
#37 AR-1262-2

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 100274751
Conc: 390.09 ng/ml



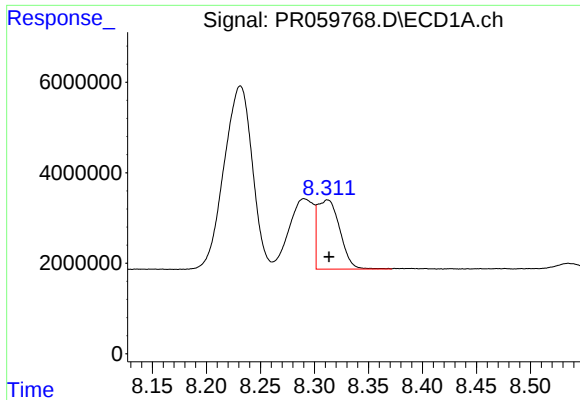
#38 AR-1262-3

R.T.: 8.231 min
Delta R.T.: 0.004 min
Response: 73753809
Conc: 431.68 ng/ml



#38 AR-1262-3

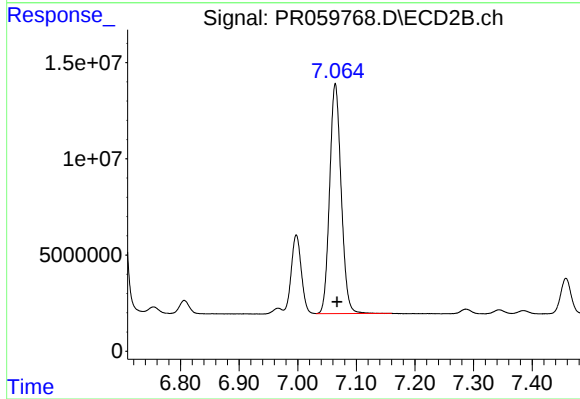
R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 48787942
Conc: 250.91 ng/ml



#39 AR-1262-4

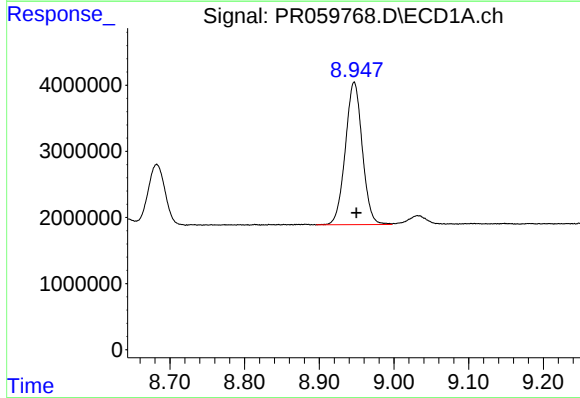
R.T.: 8.312 min
Delta R.T.: -0.001 min
Response: 21969335
Conc: 165.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



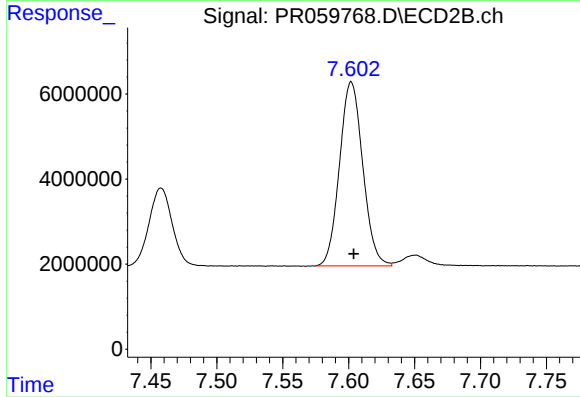
#39 AR-1262-4

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 163256038
Conc: 447.36 ng/ml



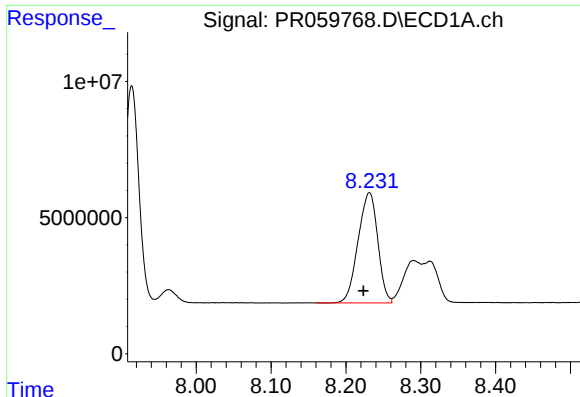
#40 AR-1262-5

R.T.: 8.947 min
Delta R.T.: -0.003 min
Response: 33983091
Conc: 358.37 ng/ml



#40 AR-1262-5

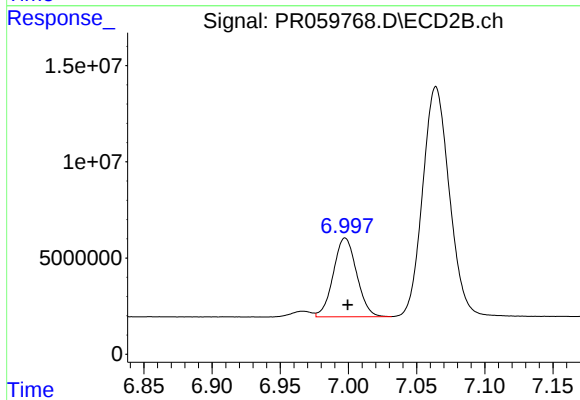
R.T.: 7.602 min
Delta R.T.: -0.002 min
Response: 53153306
Conc: 336.41 ng/ml



#41 AR-1268-1

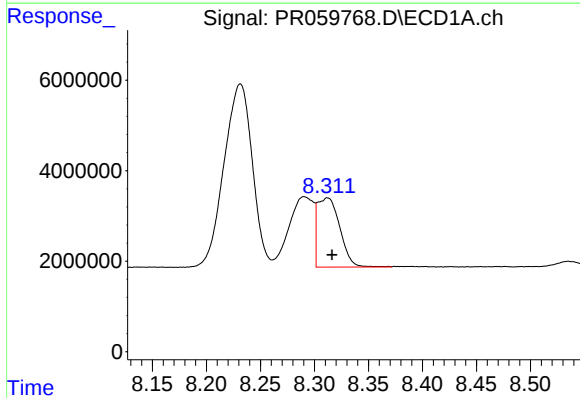
R.T.: 8.231 min
Delta R.T.: 0.008 min
Response: 73753809
Conc: 240.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



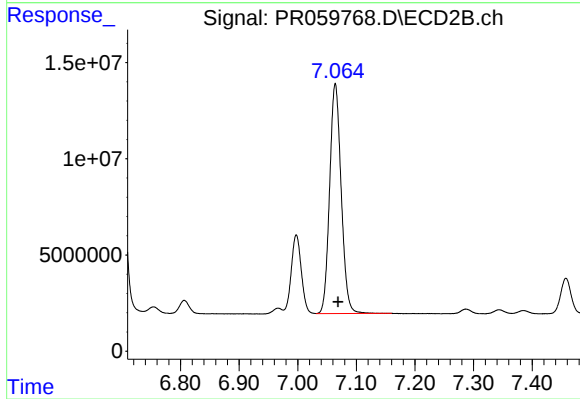
#41 AR-1268-1

R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 48787942
Conc: 78.83 ng/ml



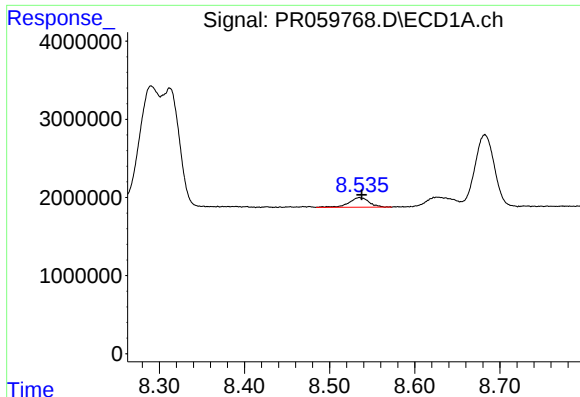
#42 AR-1268-2

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 21969335
Conc: 78.95 ng/ml



#42 AR-1268-2

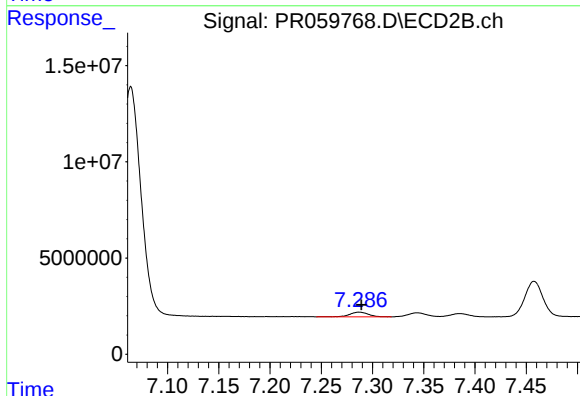
R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 163256038
Conc: 294.49 ng/ml



#43 AR-1268-3

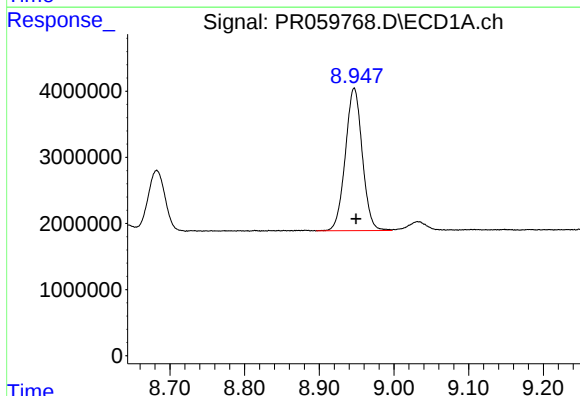
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 2017436
Conc: 8.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



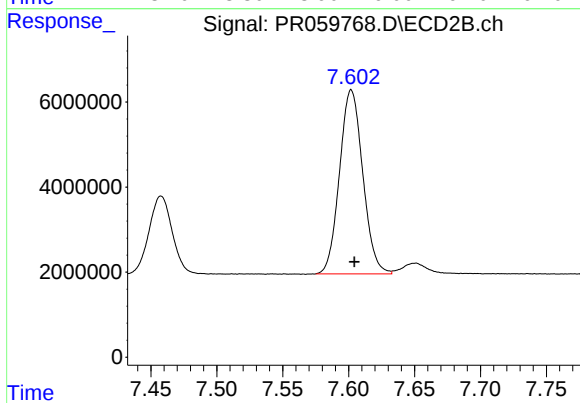
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 3174778
Conc: 6.56 ng/ml



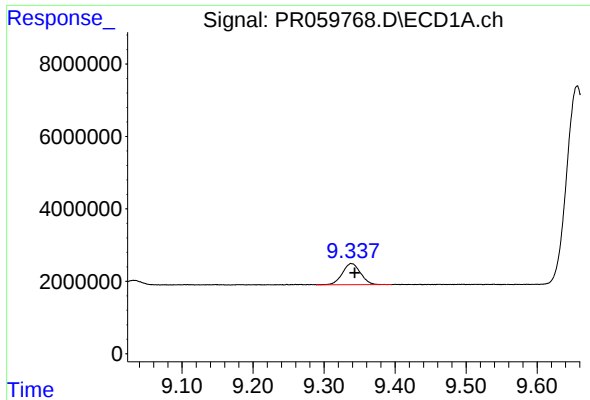
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.003 min
Response: 33983091
Conc: 309.46 ng/ml



#44 AR-1268-4

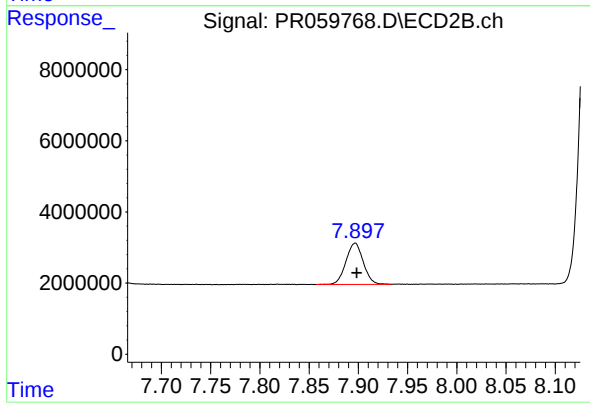
R.T.: 7.602 min
Delta R.T.: -0.002 min
Response: 53153306
Conc: 293.63 ng/ml



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.005 min
Response: 10363566
Conc: 13.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: -0.002 min
Response: 14270848
Conc: 9.69 ng/ml