

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082222\
 Data File : PR056049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2022 18:40
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:25:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 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...	3.628	2.899	251.6E6	105.3E6	58.953	52.449
2)	SA Decachlor...	9.518	8.111	98622413	85018927	55.467	46.738
Target Compounds							
3)	L1 AR-1016-1	4.848	4.006	2196650	907794	18.970	14.017 #
4)	L1 AR-1016-2	4.873	4.022	2781833	828590	16.950	9.072 #
5)	L1 AR-1016-3	4.935	4.200	1053349	609819	10.651	11.959
6)	L1 AR-1016-4	5.036	4.251	1215405	20947271	15.343	551.358 #
7)	L1 AR-1016-5	5.353	4.465	21183514	12195887	292.984	247.234
9)	L2 AR-1221-2	3.939	3.199f	3177539	1550846	87.707	90.450
10)	L2 AR-1221-3	4.016	3.284	703035	448111	6.676	8.559 #
11)	L3 AR-1232-1	4.016	3.284	703035	448111	8.106	10.386 #
12)	L3 AR-1232-2	4.564	4.022	1215260	828590	28.315	20.610 #
13)	L3 AR-1232-3	4.873	4.200	2781833	609819	38.013	28.239 #
14)	L3 AR-1232-4	5.036	4.290	1215405	6448541	35.213	351.222 #
15)	L3 AR-1232-5	5.140	4.465	37226863	12195887	1492.090	589.810 #
16)	L4 AR-1242-1	4.848	4.006	2196650	907794	23.355	16.928 #
17)	L4 AR-1242-2	4.873	4.022	2781833	828590	20.535	11.078 #
18)	L4 AR-1242-3	4.935	4.200	1053349	609819	13.221	15.023
19)	L4 AR-1242-4	5.036	4.290	1215405	6448541	19.298	171.302 #
20)	L4 AR-1242-5	5.828	4.832	18289915	51898490	317.587	1048.393 #
21)	L5 AR-1248-1	4.848	4.006	2196650	907794	30.218	22.307 #
22)	L5 AR-1248-2	5.140	4.251	37226863	20947271	418.681	378.474
23)	L5 AR-1248-3	5.353	4.290	21183514	6448541	212.876	114.668 #
24)	L5 AR-1248-4	5.785	4.465	27541152	12195887	281.814	179.720 #
25)	L5 AR-1248-5	5.828	4.874	18289915	6594196	187.340	92.461 #
26)	L6 AR-1254-1	5.756	4.832	53487470	51898490	522.258	474.973
27)	L6 AR-1254-2	5.993	4.990	77267033	44628454	525.622	460.889
28)	L6 AR-1254-3	6.385	5.408	77552372	73274833	529.339	481.051
29)	L6 AR-1254-4	6.697	5.652	56361826	47117303	543.673	478.179
30)	L6 AR-1254-5	7.152	6.094	58817945	66112156	542.449	487.961
31)	L7 AR-1260-1	6.565	5.548	32527265	35472274	300.451	352.056
32)	L7 AR-1260-2	6.848	5.751	34742580	29411722	280.782	240.563
33)	L7 AR-1260-3	0.000	5.905	0	29666399	N.D.	262.314 #
34)	L7 AR-1260-4	7.461f	6.409	24473134	3135666	238.370	32.767 #
35)	L7 AR-1260-5	7.819	6.673	8438549	7688028	43.411	34.237
36)	L8 AR-1262-1	0.000	6.164f	0	5079823	N.D.	37.771 #
37)	L8 AR-1262-2	7.819	6.409	8438549	3135666	39.538	25.694 #
38)	L8 AR-1262-3	8.134	6.978	7279950	287998	49.374	2.992 #
39)	L8 AR-1262-4	0.000	7.039f	0	7633293	N.D.	41.951 #
40)	L8 AR-1262-5	8.832	7.582	349846	425902	4.417	4.970
41)	L9 AR-1268-1	8.134	6.978	7279950	287998	29.196	1.024 #
42)	L9 AR-1268-2	0.000	7.039f	0	7633293	N.D.	29.836 #

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 Quant Time: Aug 23 01:25:31 2022
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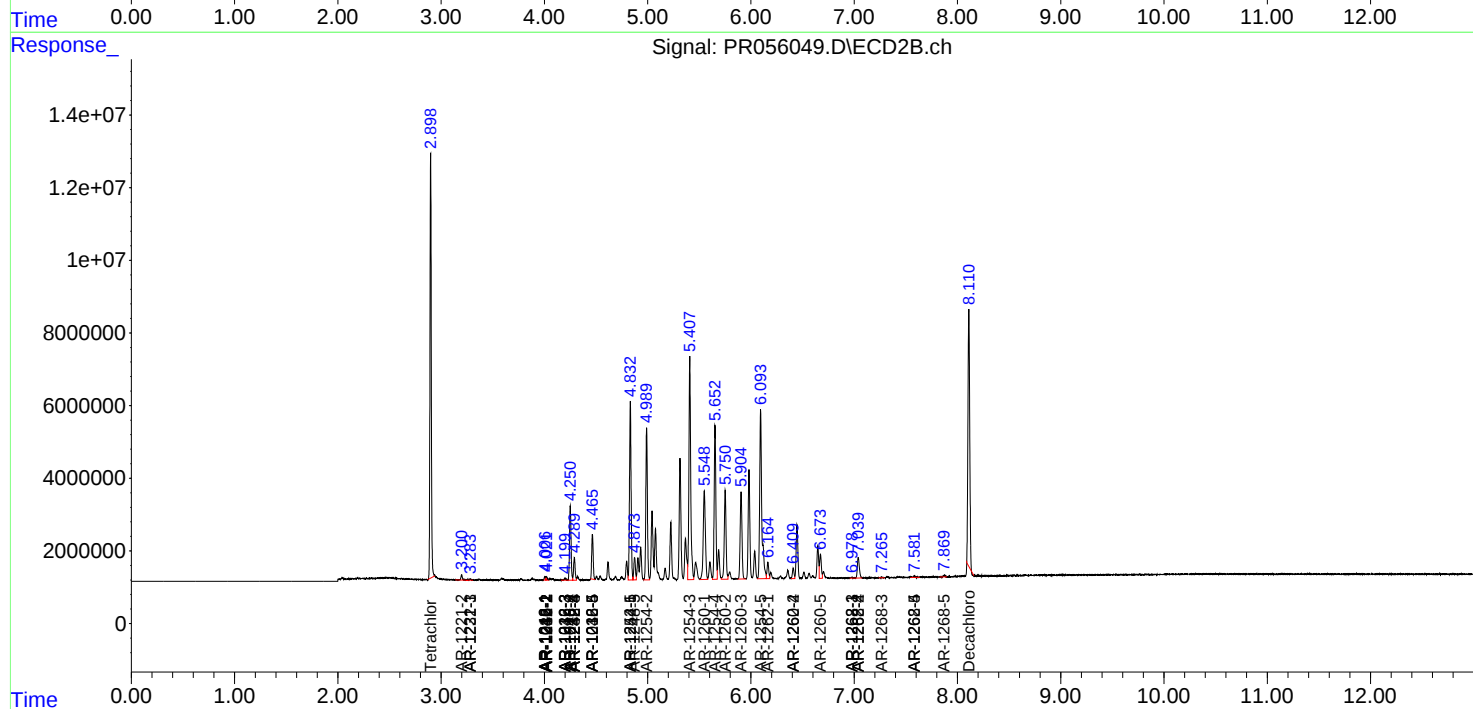
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

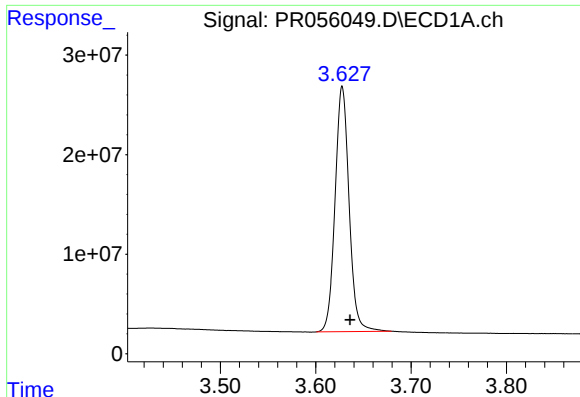
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.427	7.265	525009	230743	2.726	1.072 #
44) L9	AR-1268-4	8.832	7.582	349846	425902	3.967	4.482
45) L9	AR-1268-5	9.210	7.872	1033909	592187	1.691	0.869 #

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

Instrument :
ECD_R
ClientSampleId :

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

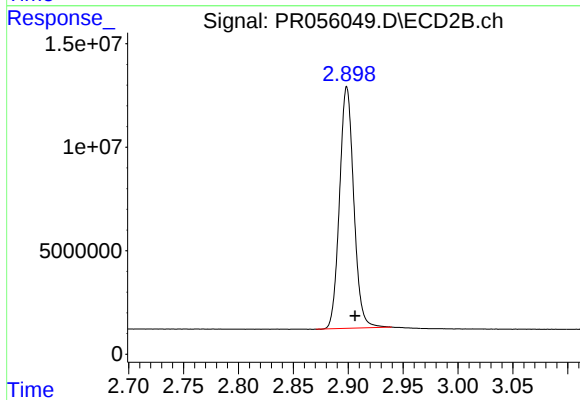




#1 Tetrachloro-m-xylene

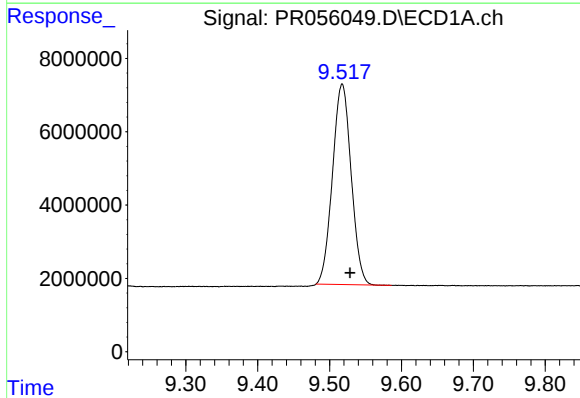
R.T.: 3.628 min
Delta R.T.: -0.008 min
Response: 251555069
Conc: 58.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



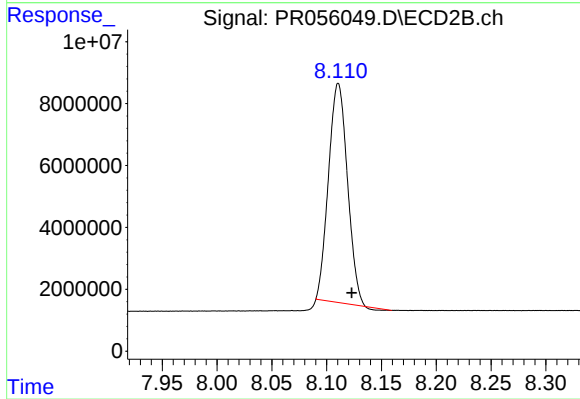
#1 Tetrachloro-m-xylene

R.T.: 2.899 min
Delta R.T.: -0.008 min
Response: 105308523
Conc: 52.45 ng/ml



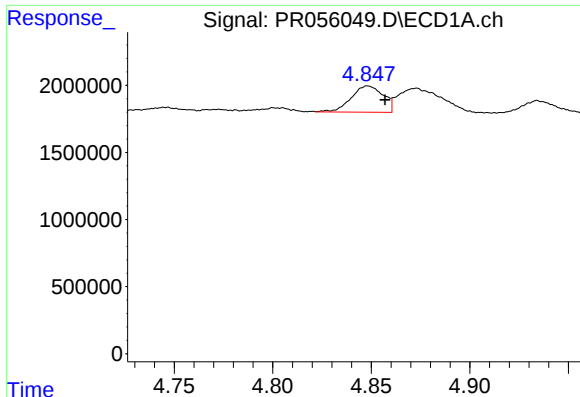
#2 Decachlorobiphenyl

R.T.: 9.518 min
Delta R.T.: -0.011 min
Response: 98622413
Conc: 55.47 ng/ml



#2 Decachlorobiphenyl

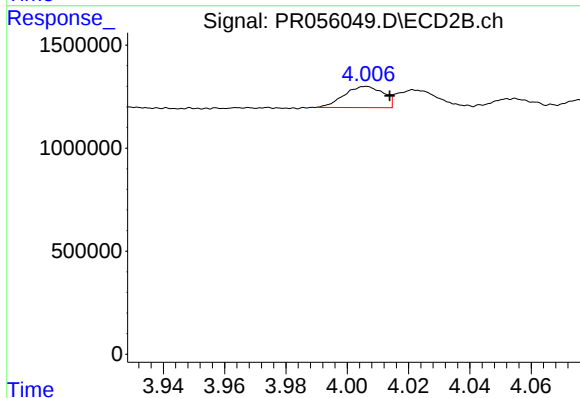
R.T.: 8.111 min
Delta R.T.: -0.012 min
Response: 85018927
Conc: 46.74 ng/ml



#3 AR-1016-1

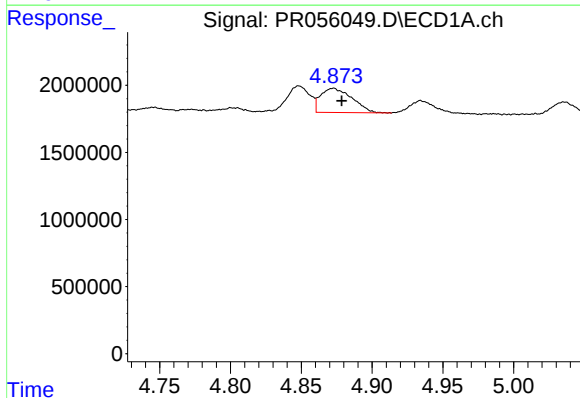
R.T.: 4.848 min
Delta R.T.: -0.009 min
Response: 2196650
Conc: 18.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



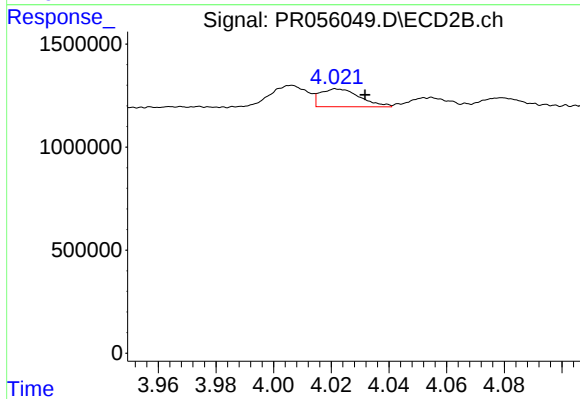
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.008 min
Response: 907794
Conc: 14.02 ng/ml



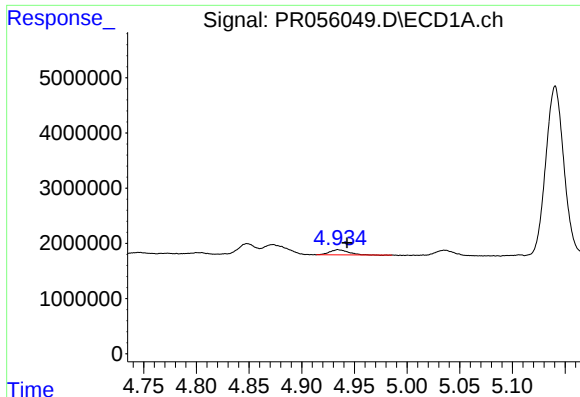
#4 AR-1016-2

R.T.: 4.873 min
Delta R.T.: -0.006 min
Response: 2781833
Conc: 16.95 ng/ml



#4 AR-1016-2

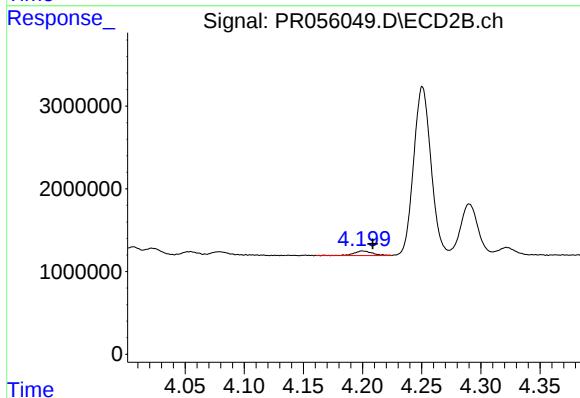
R.T.: 4.022 min
Delta R.T.: -0.009 min
Response: 828590
Conc: 9.07 ng/ml



#5 AR-1016-3

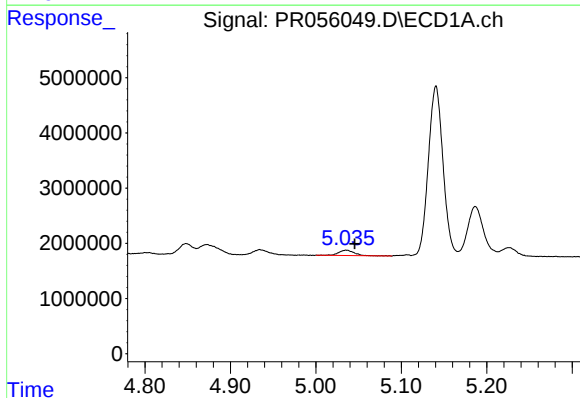
R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 1053349
Conc: 10.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



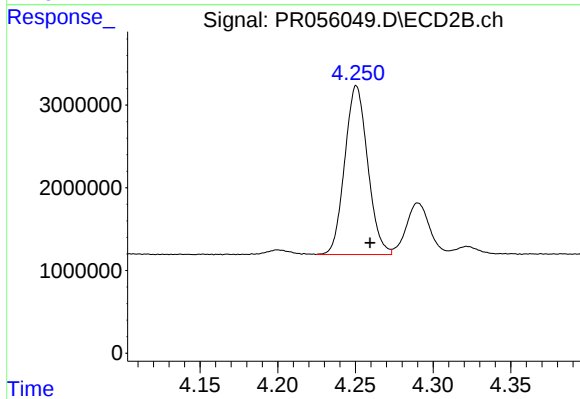
#5 AR-1016-3

R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 609819
Conc: 11.96 ng/ml



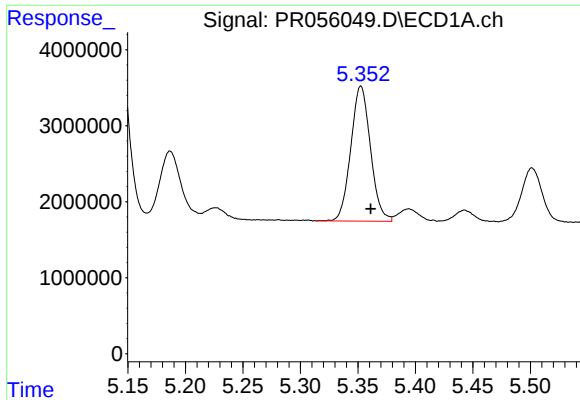
#6 AR-1016-4

R.T.: 5.036 min
Delta R.T.: -0.010 min
Response: 1215405
Conc: 15.34 ng/ml



#6 AR-1016-4

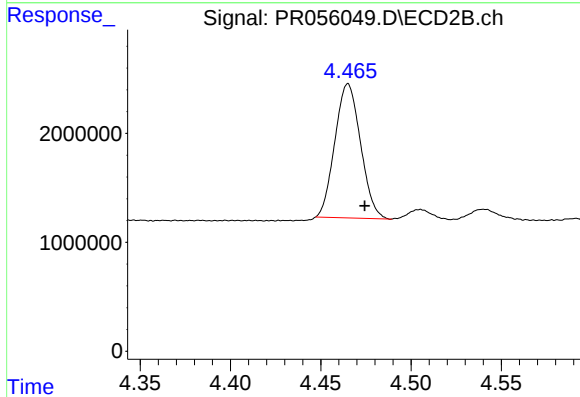
R.T.: 4.251 min
Delta R.T.: -0.009 min
Response: 20947271
Conc: 551.36 ng/ml



#7 AR-1016-5

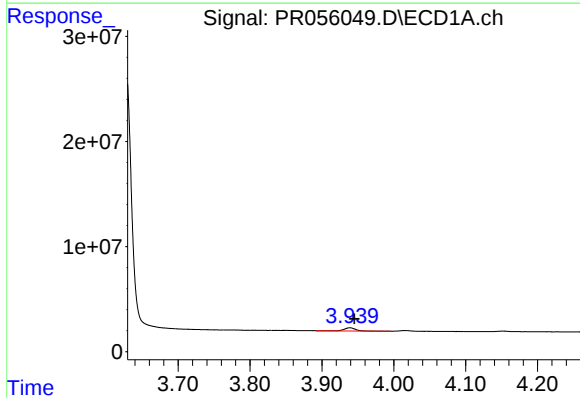
R.T.: 5.353 min
Delta R.T.: -0.008 min
Response: 21183514
Conc: 292.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



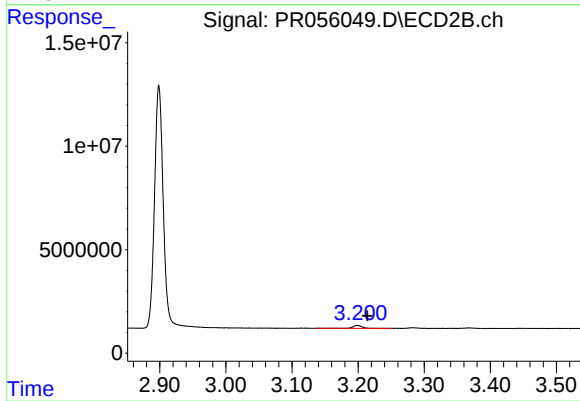
#7 AR-1016-5

R.T.: 4.465 min
Delta R.T.: -0.009 min
Response: 12195887
Conc: 247.23 ng/ml



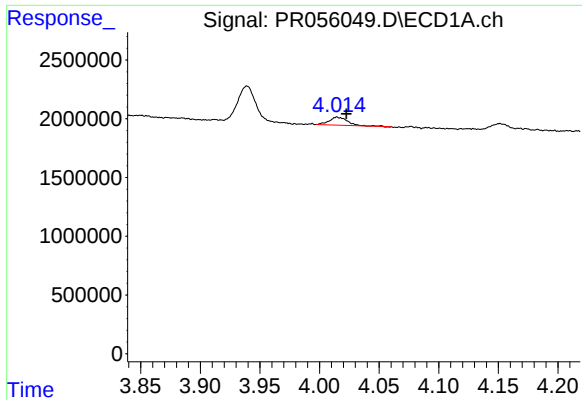
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.006 min
Response: 3177539
Conc: 87.71 ng/ml



#9 AR-1221-2

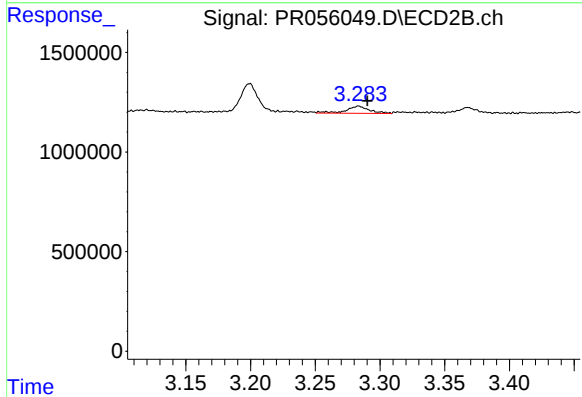
R.T.: 3.199 min
Delta R.T.: -0.015 min
Response: 1550846
Conc: 90.45 ng/ml



#10 AR-1221-3

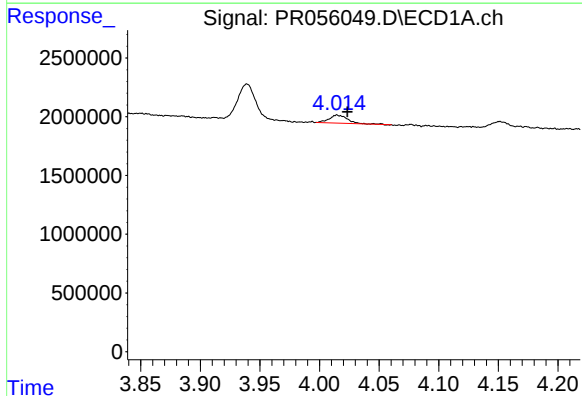
R.T.: 4.016 min
Delta R.T.: -0.007 min
Response: 703035
Conc: 6.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



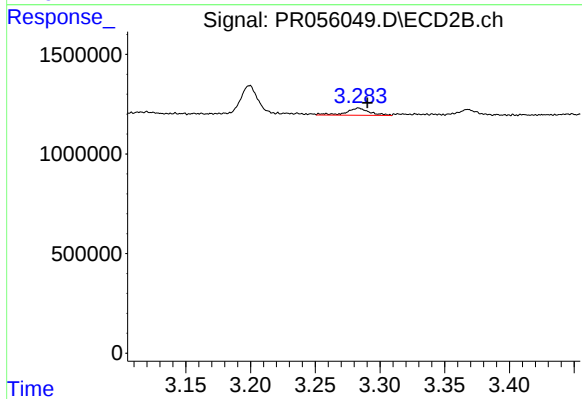
#10 AR-1221-3

R.T.: 3.284 min
Delta R.T.: -0.007 min
Response: 448111
Conc: 8.56 ng/ml



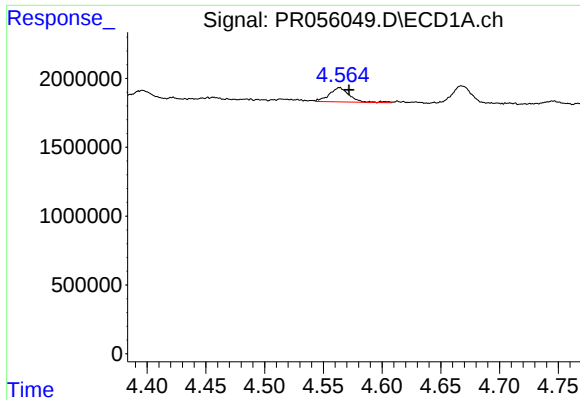
#11 AR-1232-1

R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 703035
Conc: 8.11 ng/ml



#11 AR-1232-1

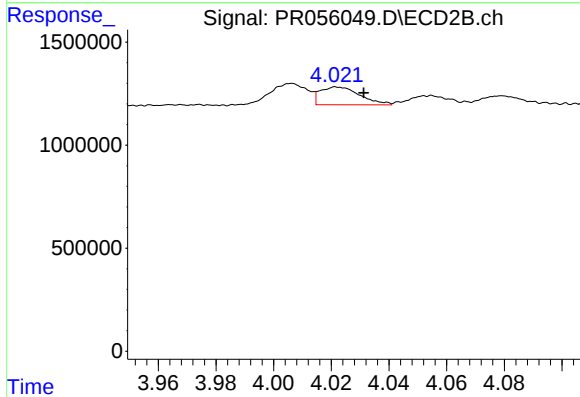
R.T.: 3.284 min
Delta R.T.: -0.007 min
Response: 448111
Conc: 10.39 ng/ml



#12 AR-1232-2

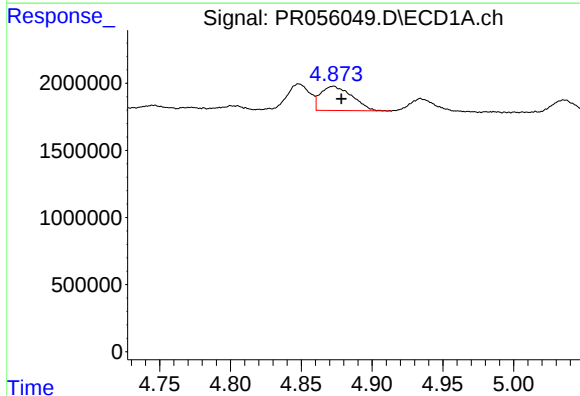
R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 1215260
Conc: 28.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



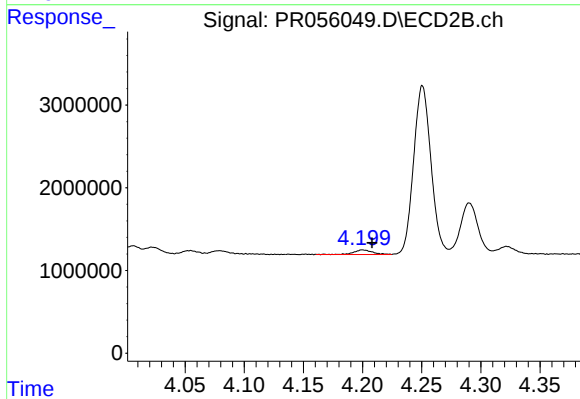
#12 AR-1232-2

R.T.: 4.022 min
Delta R.T.: -0.009 min
Response: 828590
Conc: 20.61 ng/ml



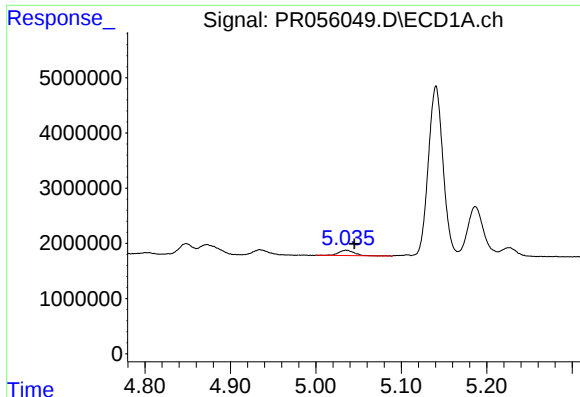
#13 AR-1232-3

R.T.: 4.873 min
Delta R.T.: -0.006 min
Response: 2781833
Conc: 38.01 ng/ml



#13 AR-1232-3

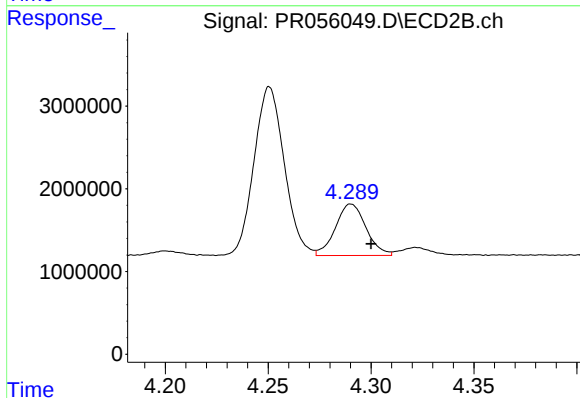
R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 609819
Conc: 28.24 ng/ml



#14 AR-1232-4

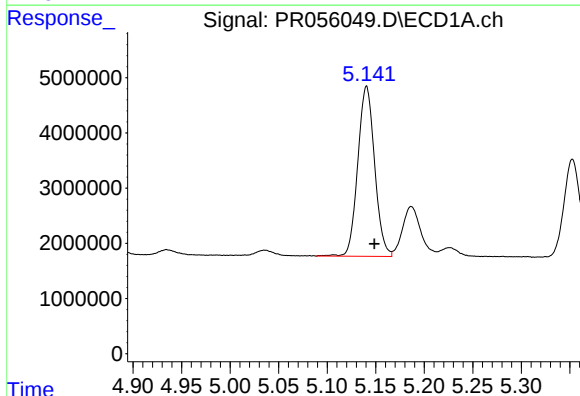
R.T.: 5.036 min
Delta R.T.: -0.010 min
Response: 1215405
Conc: 35.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



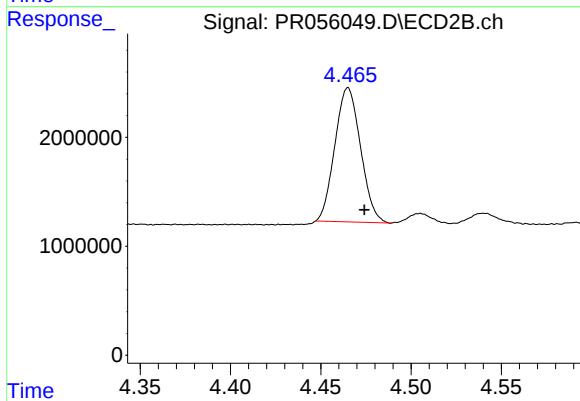
#14 AR-1232-4

R.T.: 4.290 min
Delta R.T.: -0.010 min
Response: 6448541
Conc: 351.22 ng/ml



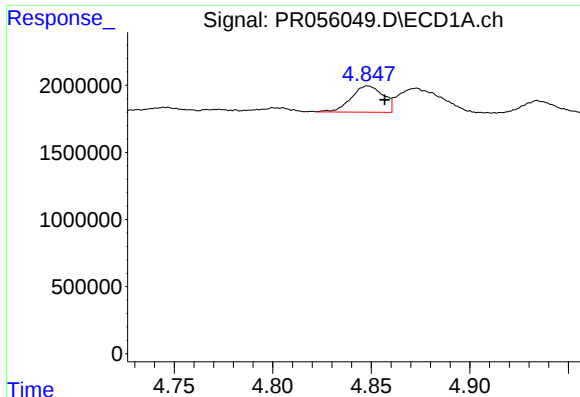
#15 AR-1232-5

R.T.: 5.140 min
Delta R.T.: -0.008 min
Response: 37226863
Conc: 1492.09 ng/ml



#15 AR-1232-5

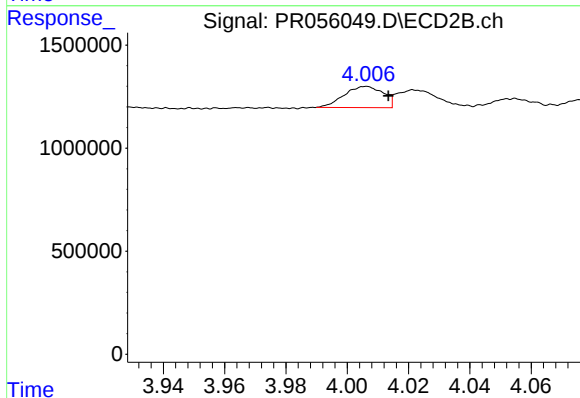
R.T.: 4.465 min
Delta R.T.: -0.009 min
Response: 12195887
Conc: 589.81 ng/ml



#16 AR-1242-1

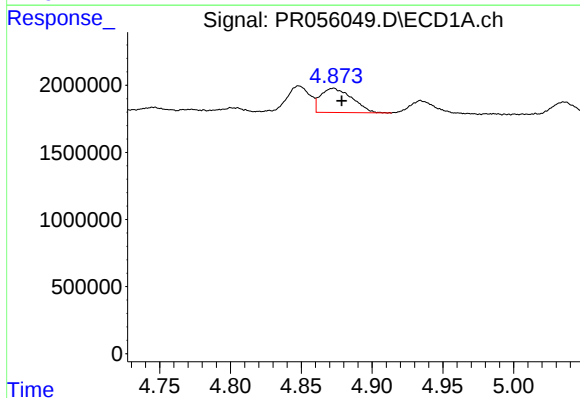
R.T.: 4.848 min
Delta R.T.: -0.008 min
Response: 2196650
Conc: 23.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



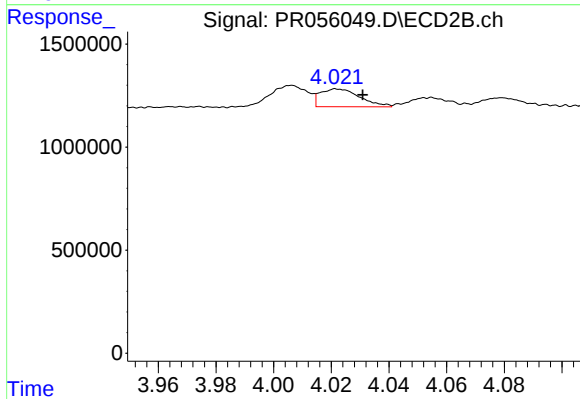
#16 AR-1242-1

R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 907794
Conc: 16.93 ng/ml



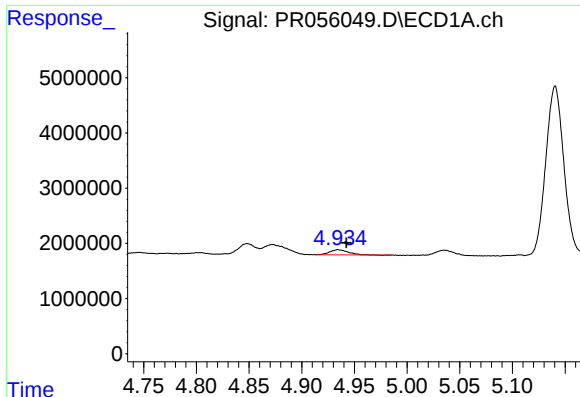
#17 AR-1242-2

R.T.: 4.873 min
Delta R.T.: -0.006 min
Response: 2781833
Conc: 20.53 ng/ml



#17 AR-1242-2

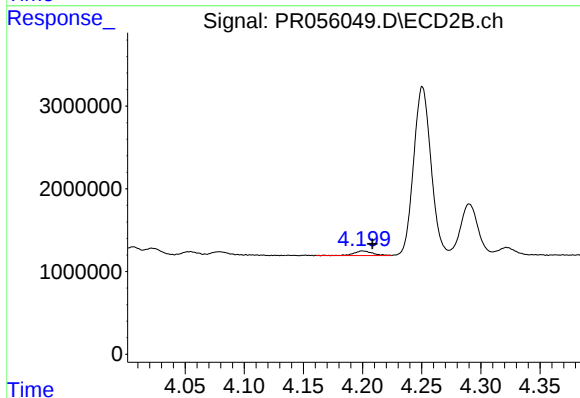
R.T.: 4.022 min
Delta R.T.: -0.009 min
Response: 828590
Conc: 11.08 ng/ml



#18 AR-1242-3

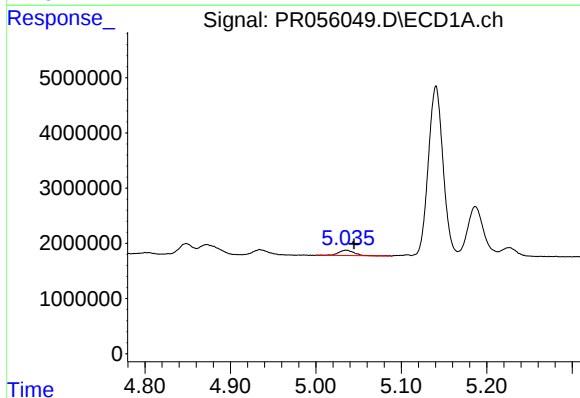
R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 1053349
Conc: 13.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



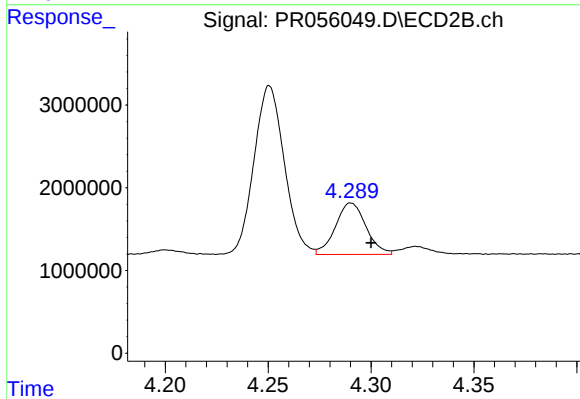
#18 AR-1242-3

R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 609819
Conc: 15.02 ng/ml



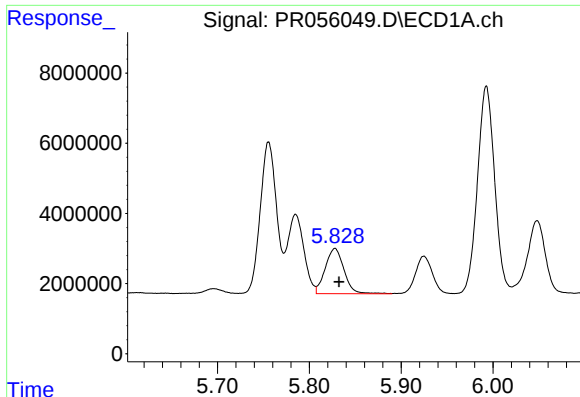
#19 AR-1242-4

R.T.: 5.036 min
Delta R.T.: -0.009 min
Response: 1215405
Conc: 19.30 ng/ml



#19 AR-1242-4

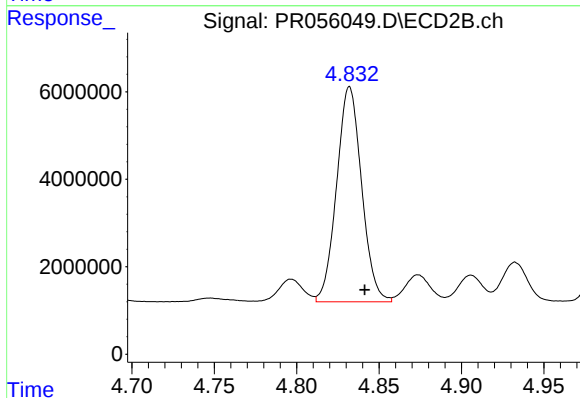
R.T.: 4.290 min
Delta R.T.: -0.010 min
Response: 6448541
Conc: 171.30 ng/ml



#20 AR-1242-5

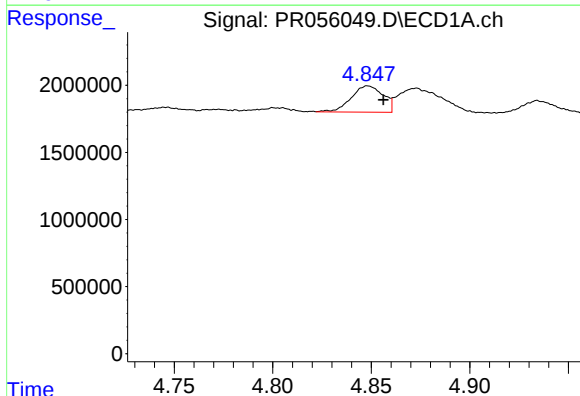
R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 18289915
Conc: 317.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



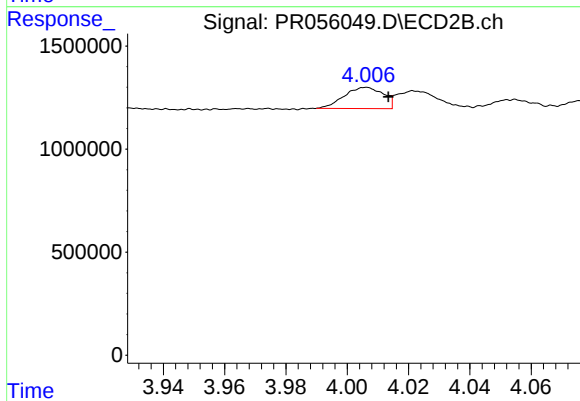
#20 AR-1242-5

R.T.: 4.832 min
Delta R.T.: -0.009 min
Response: 51898490
Conc: 1048.39 ng/ml



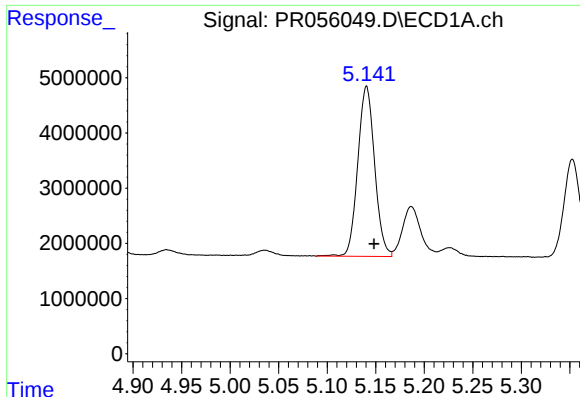
#21 AR-1248-1

R.T.: 4.848 min
Delta R.T.: -0.008 min
Response: 2196650
Conc: 30.22 ng/ml



#21 AR-1248-1

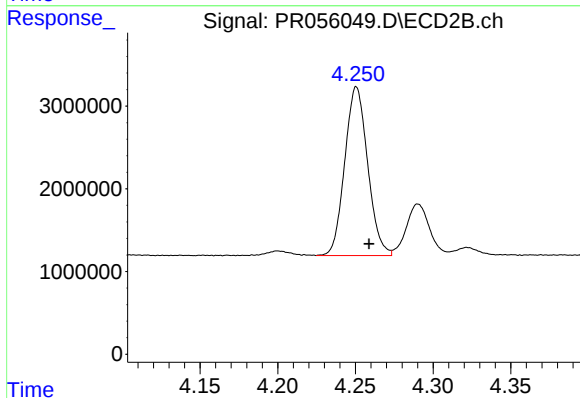
R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 907794
Conc: 22.31 ng/ml



#22 AR-1248-2

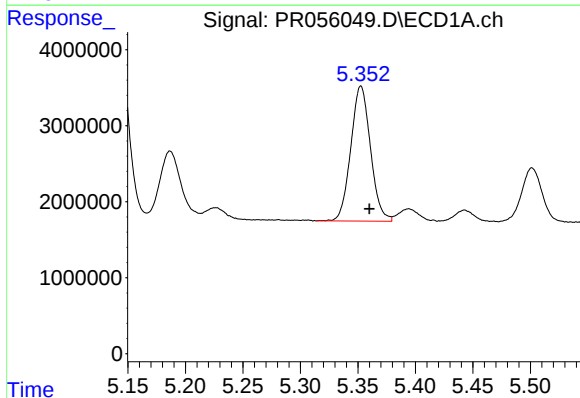
R.T.: 5.140 min
Delta R.T.: -0.008 min
Response: 37226863
Conc: 418.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



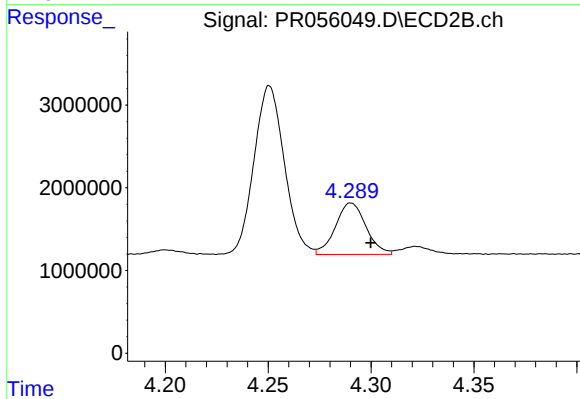
#22 AR-1248-2

R.T.: 4.251 min
Delta R.T.: -0.008 min
Response: 20947271
Conc: 378.47 ng/ml



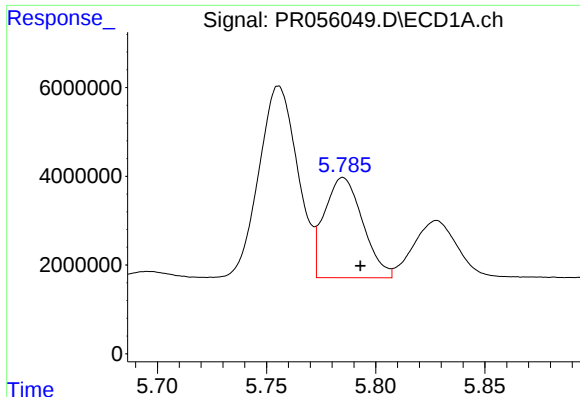
#23 AR-1248-3

R.T.: 5.353 min
Delta R.T.: -0.007 min
Response: 21183514
Conc: 212.88 ng/ml



#23 AR-1248-3

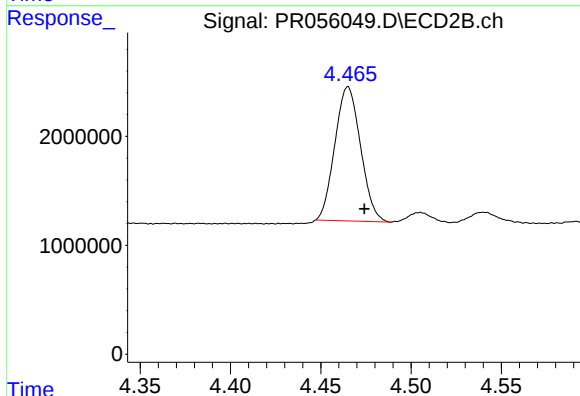
R.T.: 4.290 min
Delta R.T.: -0.010 min
Response: 6448541
Conc: 114.67 ng/ml



#24 AR-1248-4

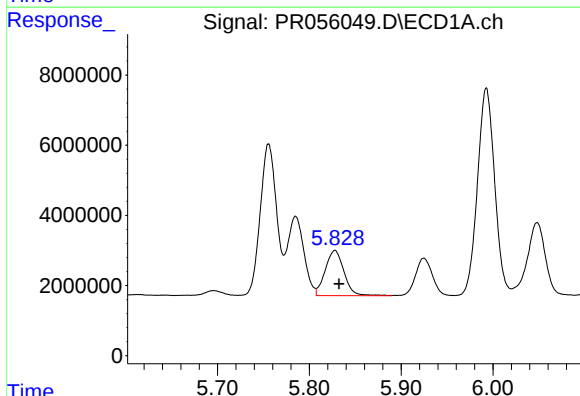
R.T.: 5.785 min
Delta R.T.: -0.008 min
Response: 27541152
Conc: 281.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



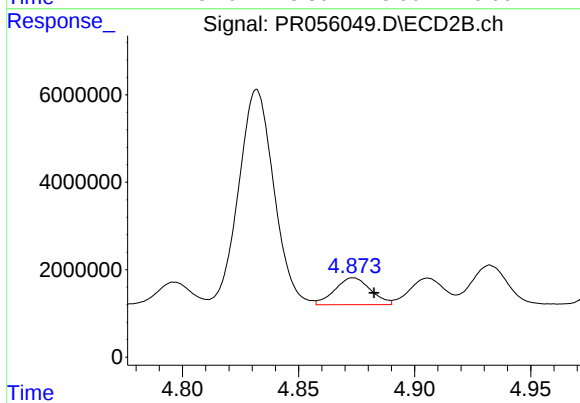
#24 AR-1248-4

R.T.: 4.465 min
Delta R.T.: -0.009 min
Response: 12195887
Conc: 179.72 ng/ml



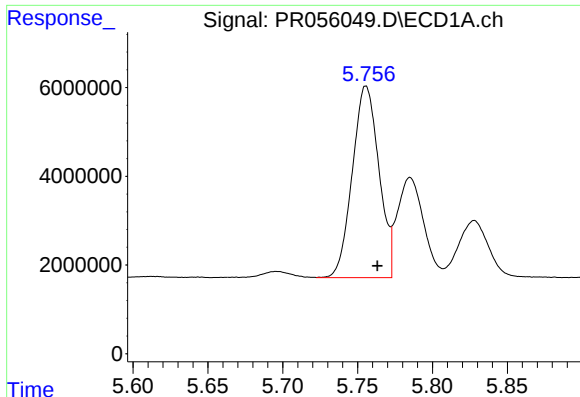
#25 AR-1248-5

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 18289915
Conc: 187.34 ng/ml



#25 AR-1248-5

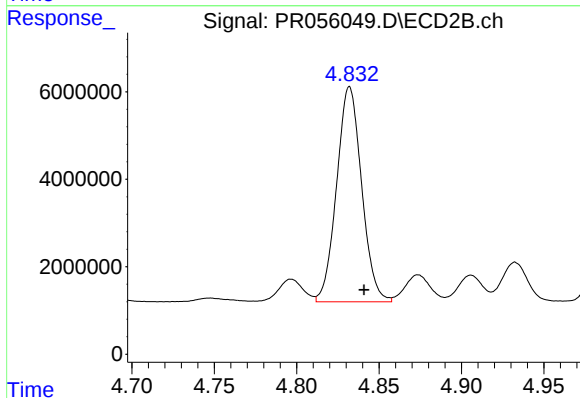
R.T.: 4.874 min
Delta R.T.: -0.009 min
Response: 6594196
Conc: 92.46 ng/ml



#26 AR-1254-1

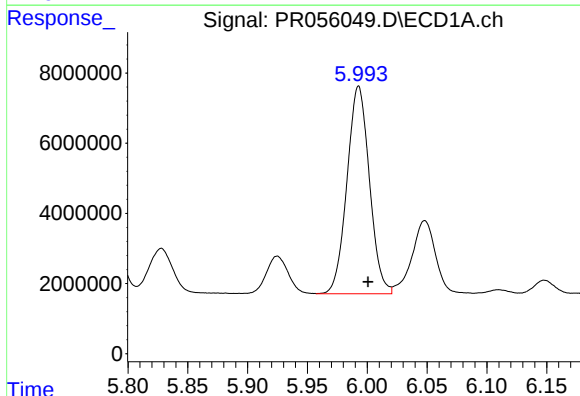
R.T.: 5.756 min
Delta R.T.: -0.008 min
Response: 53487470
Conc: 522.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



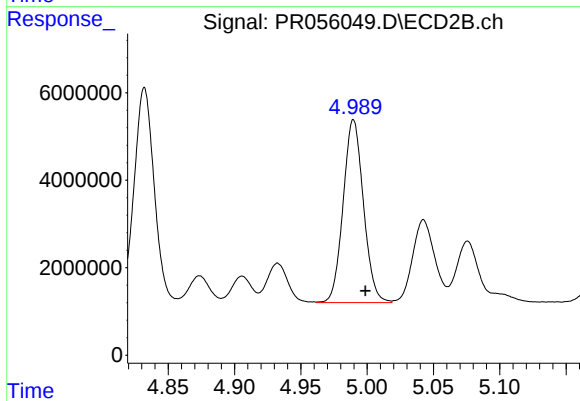
#26 AR-1254-1

R.T.: 4.832 min
Delta R.T.: -0.009 min
Response: 51898490
Conc: 474.97 ng/ml



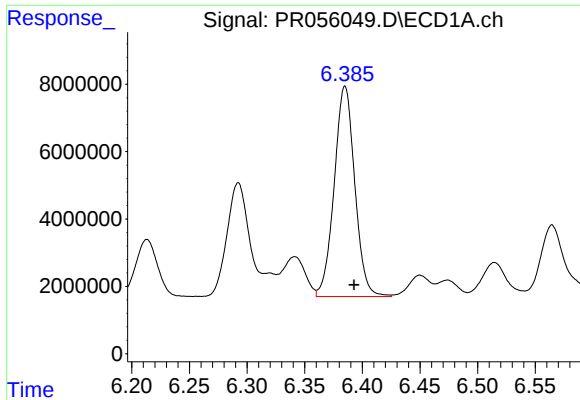
#27 AR-1254-2

R.T.: 5.993 min
Delta R.T.: -0.008 min
Response: 77267033
Conc: 525.62 ng/ml



#27 AR-1254-2

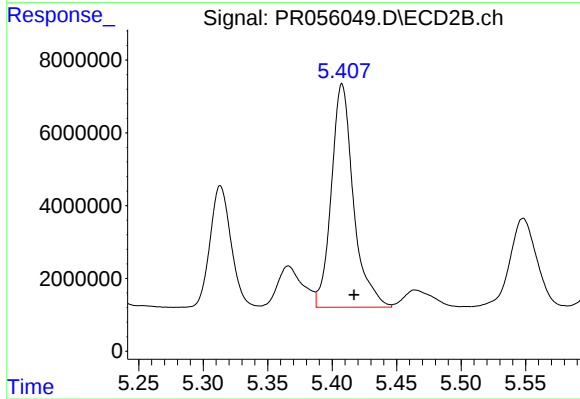
R.T.: 4.990 min
Delta R.T.: -0.009 min
Response: 44628454
Conc: 460.89 ng/ml



#28 AR-1254-3

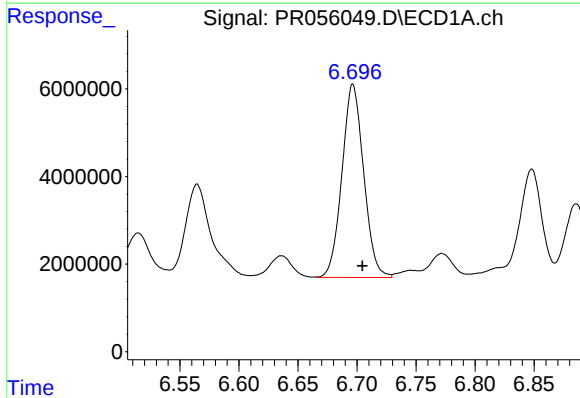
R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 77552372
Conc: 529.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



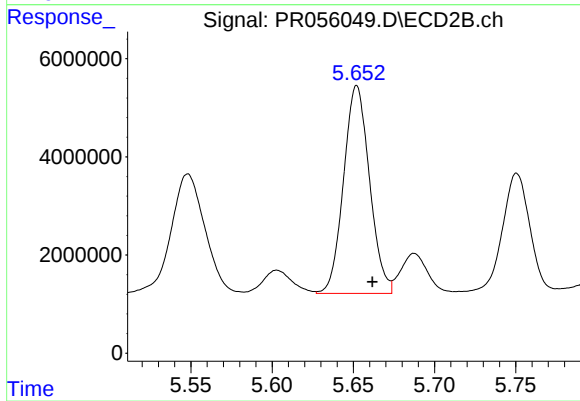
#28 AR-1254-3

R.T.: 5.408 min
Delta R.T.: -0.009 min
Response: 73274833
Conc: 481.05 ng/ml



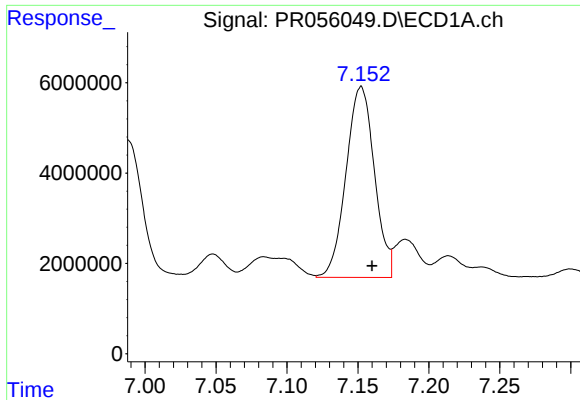
#29 AR-1254-4

R.T.: 6.697 min
Delta R.T.: -0.008 min
Response: 56361826
Conc: 543.67 ng/ml



#29 AR-1254-4

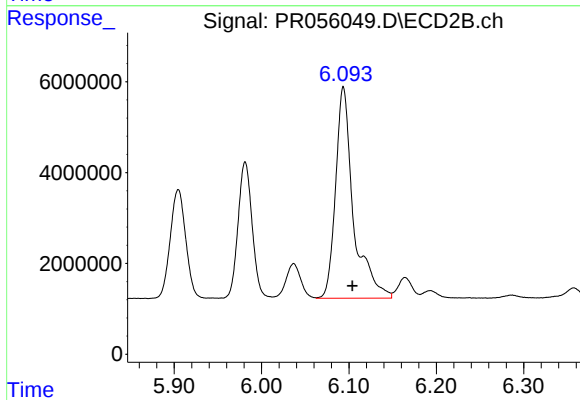
R.T.: 5.652 min
Delta R.T.: -0.010 min
Response: 47117303
Conc: 478.18 ng/ml



#30 AR-1254-5

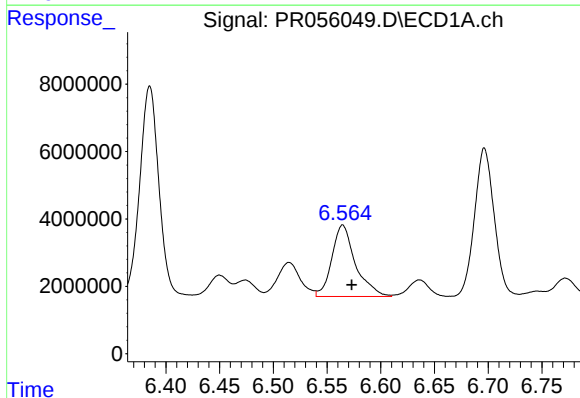
R.T.: 7.152 min
Delta R.T.: -0.008 min
Response: 58817945
Conc: 542.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



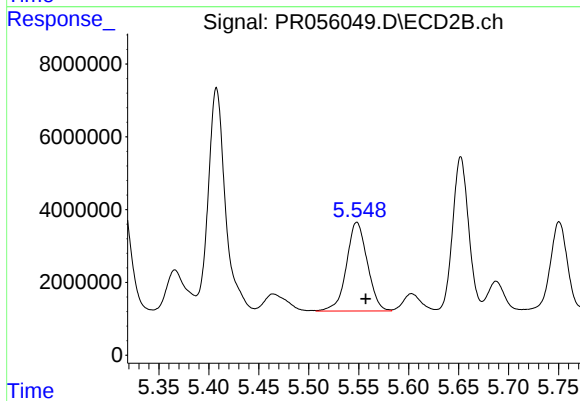
#30 AR-1254-5

R.T.: 6.094 min
Delta R.T.: -0.010 min
Response: 66112156
Conc: 487.96 ng/ml



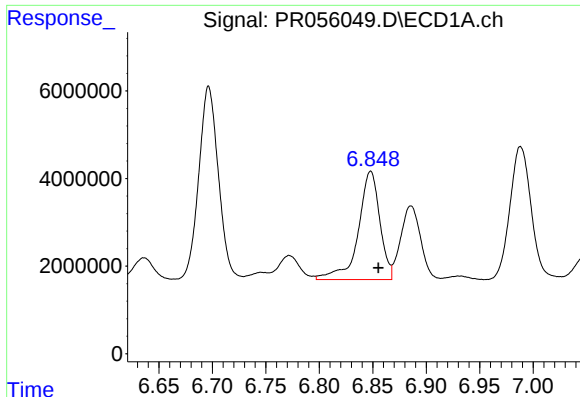
#31 AR-1260-1

R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 32527265
Conc: 300.45 ng/ml



#31 AR-1260-1

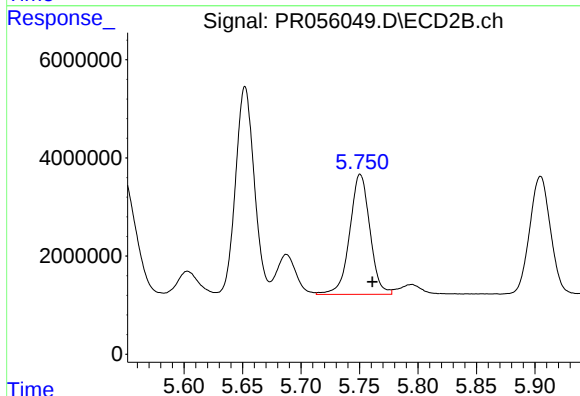
R.T.: 5.548 min
Delta R.T.: -0.009 min
Response: 35472274
Conc: 352.06 ng/ml



#32 AR-1260-2

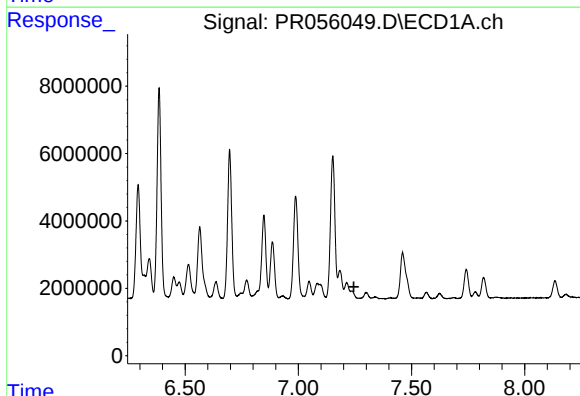
R.T.: 6.848 min
Delta R.T.: -0.007 min
Response: 34742580
Conc: 280.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



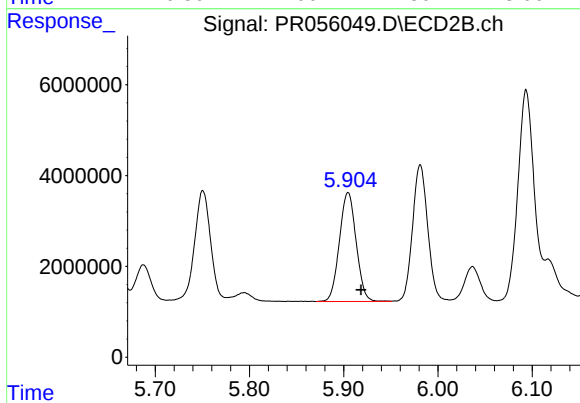
#32 AR-1260-2

R.T.: 5.751 min
Delta R.T.: -0.010 min
Response: 29411722
Conc: 240.56 ng/ml



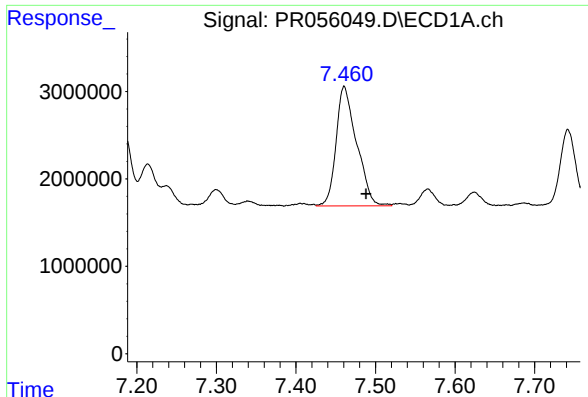
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.246 min
Response: 0
Conc: N.D.



#33 AR-1260-3

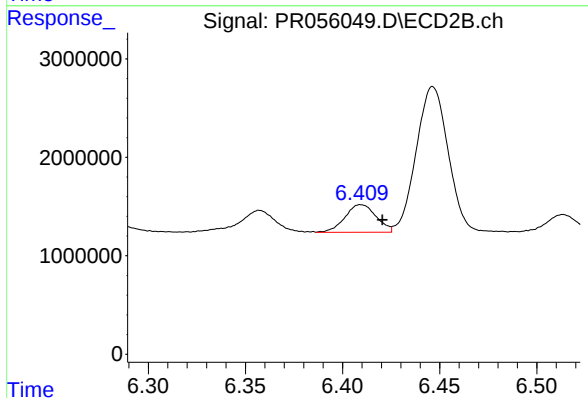
R.T.: 5.905 min
Delta R.T.: -0.013 min
Response: 29666399
Conc: 262.31 ng/ml



#34 AR-1260-4

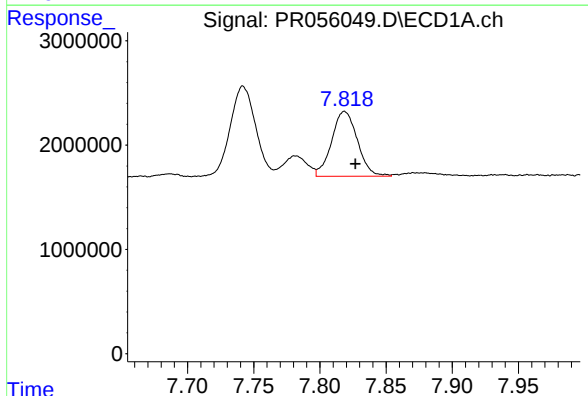
R.T.: 7.461 min
Delta R.T.: -0.027 min
Response: 24473134
Conc: 238.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



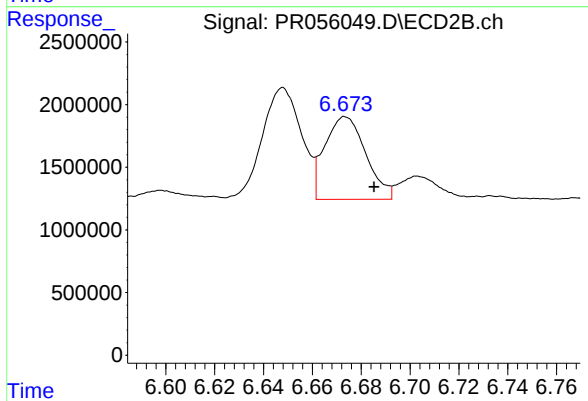
#34 AR-1260-4

R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 3135666
Conc: 32.77 ng/ml



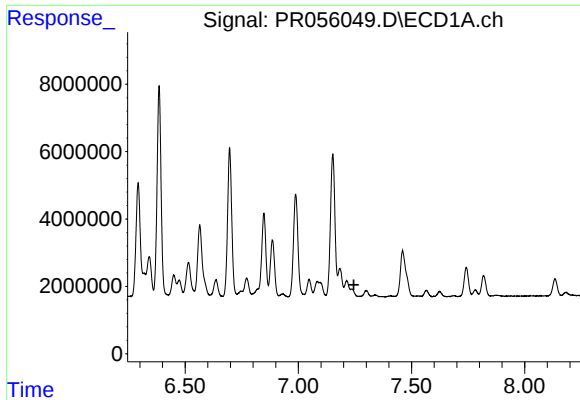
#35 AR-1260-5

R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 8438549
Conc: 43.41 ng/ml



#35 AR-1260-5

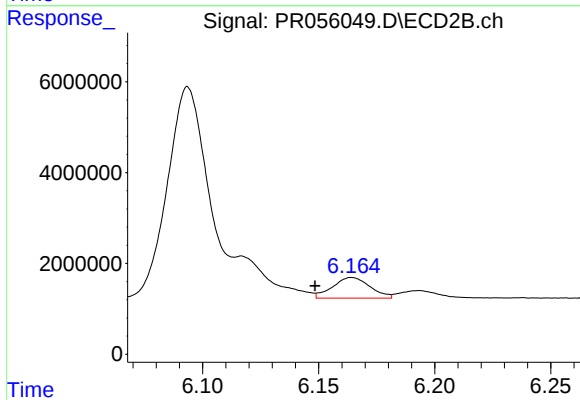
R.T.: 6.673 min
Delta R.T.: -0.012 min
Response: 7688028
Conc: 34.24 ng/ml



#36 AR-1262-1

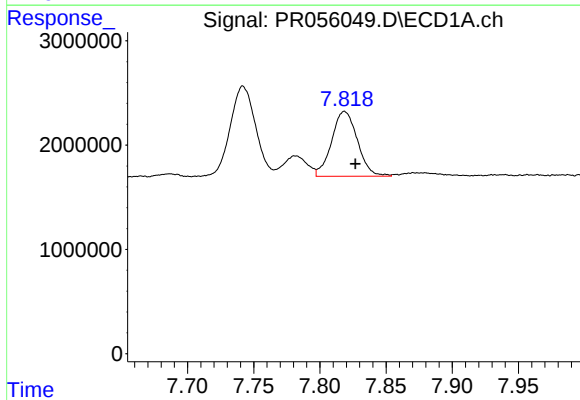
R.T.: 0.000 min
Exp R.T.: 7.245 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



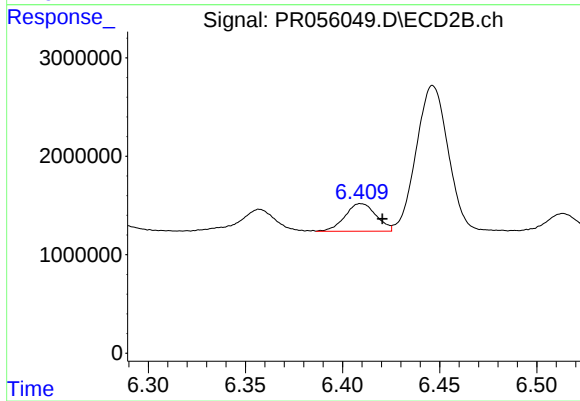
#36 AR-1262-1

R.T.: 6.164 min
Delta R.T.: 0.016 min
Response: 5079823
Conc: 37.77 ng/ml



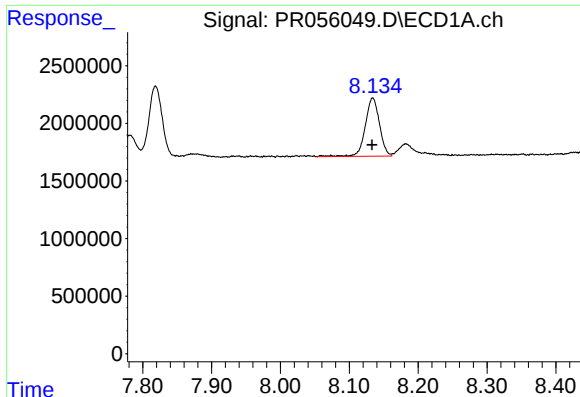
#37 AR-1262-2

R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 8438549
Conc: 39.54 ng/ml



#37 AR-1262-2

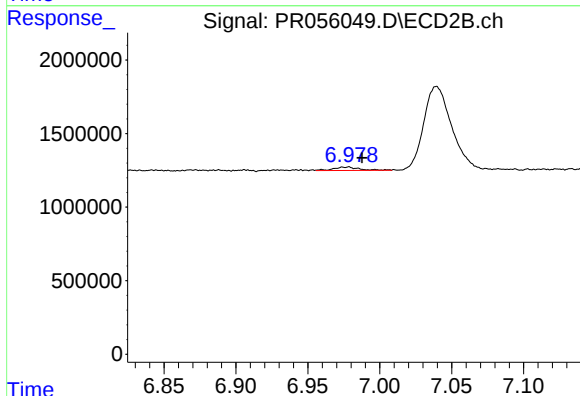
R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 3135666
Conc: 25.69 ng/ml



#38 AR-1262-3

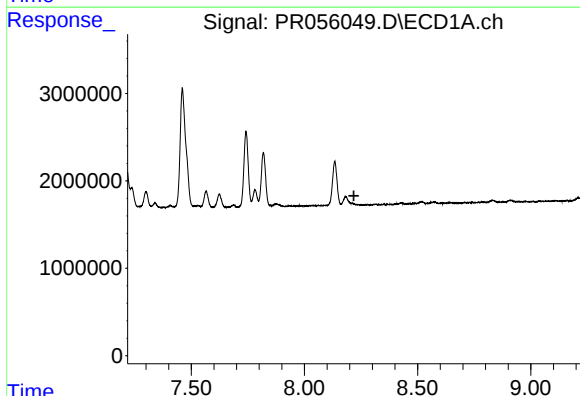
R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 7279950
Conc: 49.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



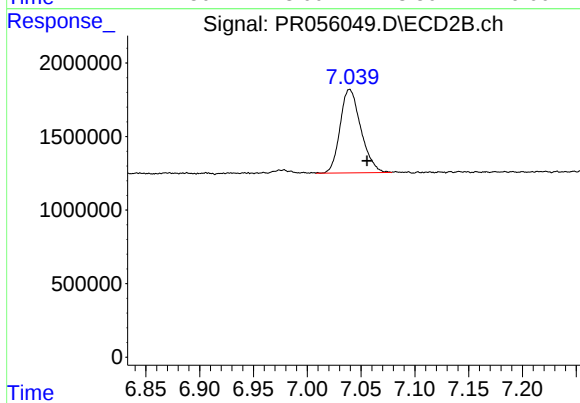
#38 AR-1262-3

R.T.: 6.978 min
Delta R.T.: -0.010 min
Response: 287998
Conc: 2.99 ng/ml



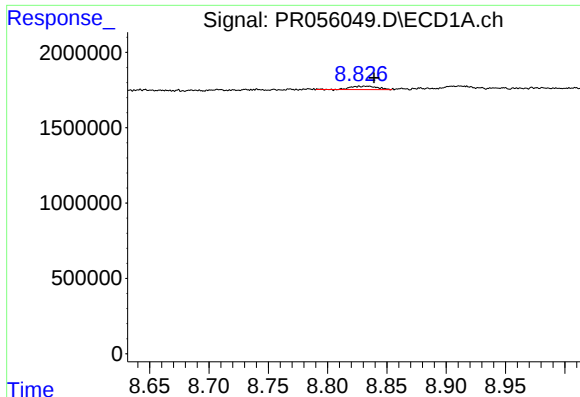
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.219 min
Response: 0
Conc: N.D.



#39 AR-1262-4

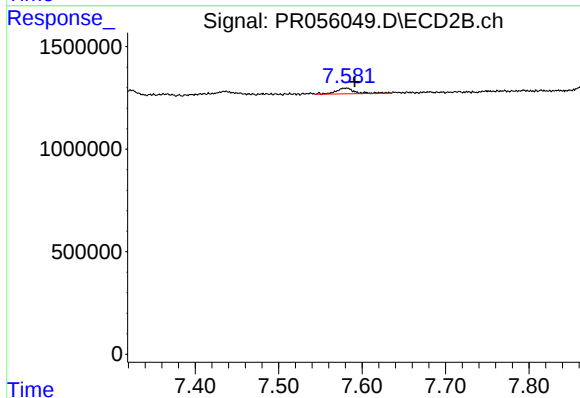
R.T.: 7.039 min
Delta R.T.: -0.016 min
Response: 7633293
Conc: 41.95 ng/ml



#40 AR-1262-5

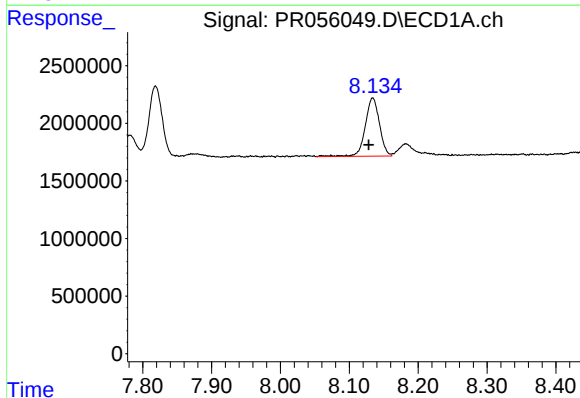
R.T.: 8.832 min
Delta R.T.: -0.007 min
Response: 349846
Conc: 4.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



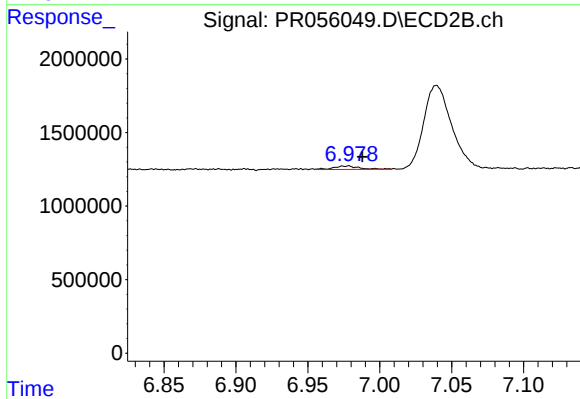
#40 AR-1262-5

R.T.: 7.582 min
Delta R.T.: -0.009 min
Response: 425902
Conc: 4.97 ng/ml



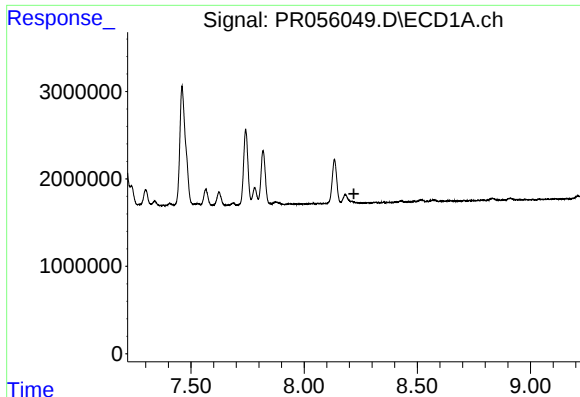
#41 AR-1268-1

R.T.: 8.134 min
Delta R.T.: 0.006 min
Response: 7279950
Conc: 29.20 ng/ml



#41 AR-1268-1

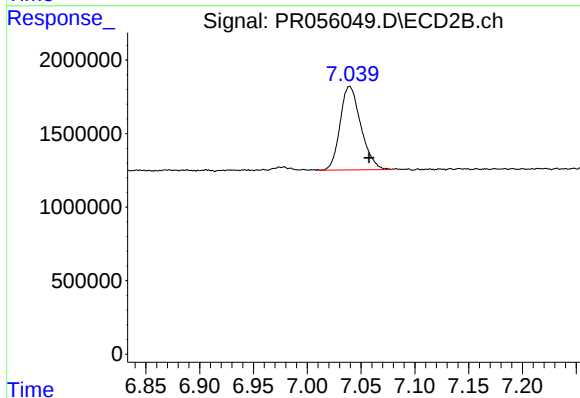
R.T.: 6.978 min
Delta R.T.: -0.010 min
Response: 287998
Conc: 1.02 ng/ml



#42 AR-1268-2

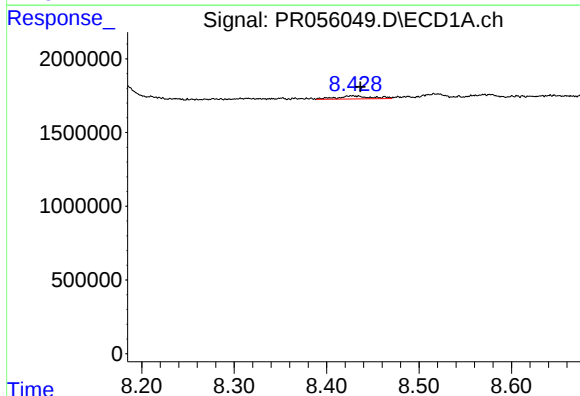
R.T.: 0.000 min
Exp R.T.: 8.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



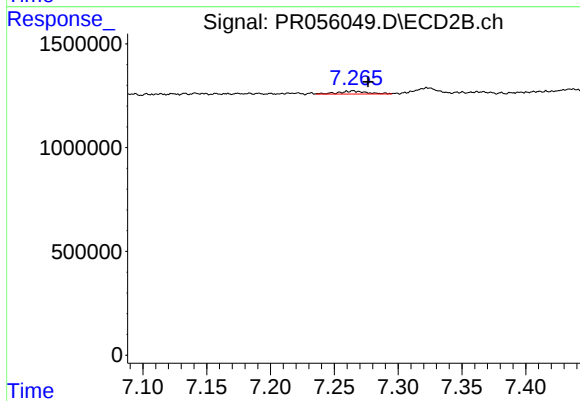
#42 AR-1268-2

R.T.: 7.039 min
Delta R.T.: -0.018 min
Response: 7633293
Conc: 29.84 ng/ml



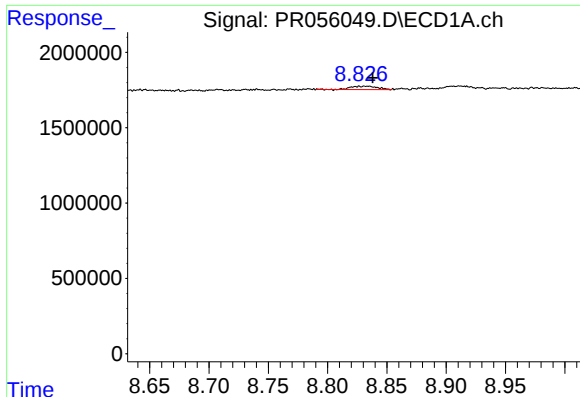
#43 AR-1268-3

R.T.: 8.427 min
Delta R.T.: -0.009 min
Response: 525009
Conc: 2.73 ng/ml



#43 AR-1268-3

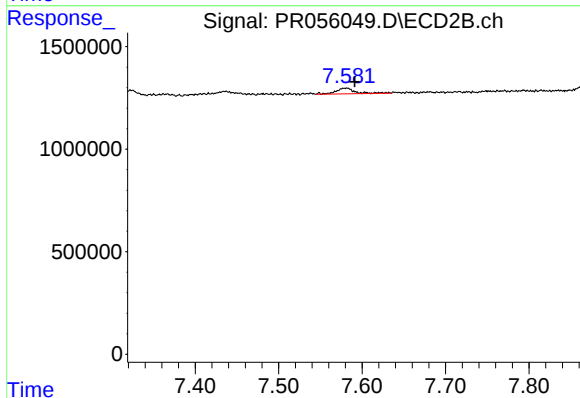
R.T.: 7.265 min
Delta R.T.: -0.012 min
Response: 230743
Conc: 1.07 ng/ml



#44 AR-1268-4

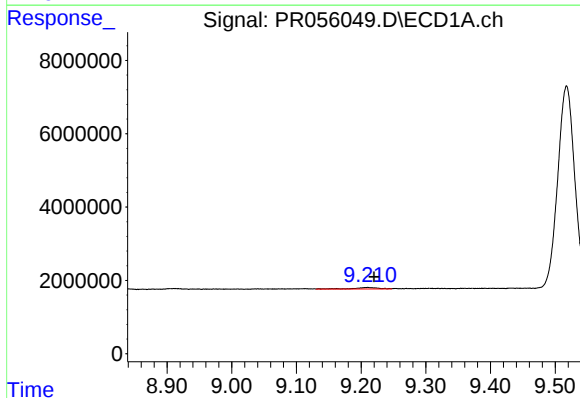
R.T.: 8.832 min
Delta R.T.: -0.006 min
Response: 349846
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



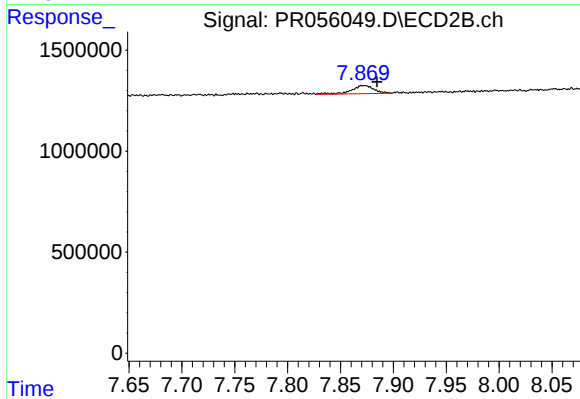
#44 AR-1268-4

R.T.: 7.582 min
Delta R.T.: -0.010 min
Response: 425902
Conc: 4.48 ng/ml



#45 AR-1268-5

R.T.: 9.210 min
Delta R.T.: -0.010 min
Response: 1033909
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 7.872 min
Delta R.T.: -0.012 min
Response: 592187
Conc: 0.87 ng/ml