

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062123\
 Data File : PR061946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 14:09
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:40:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 07 04:58:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	2.961	45021459	56490666	18.350	19.290
2)	SA Decachlor...	9.626	8.248	57788510	137.2E6	42.359	38.067
Target Compounds							
3)	L1 AR-1016-1	4.918	4.086	18596964	24742256	256.250	246.693
4)	L1 AR-1016-2	4.941	4.104	22408323	25369158	216.188	184.232
5)	L1 AR-1016-3	5.005	4.286	11439571	17102766	173.859	220.783 #
6)	L1 AR-1016-4	5.107	4.335	12666714	35020381	234.298	566.456 #
7)	L1 AR-1016-5	5.426	4.554	30760366	43480320	569.647	534.585
8)	L2 AR-1221-1	0.000	3.187	0	334557	N.D.	8.766 #
9)	L2 AR-1221-2	4.003	3.269	1086899	1147908	51.004	41.810
10)	L2 AR-1221-3	4.080	3.352	1830666	2502956	27.171	28.737
11)	L3 AR-1232-1	4.080	3.352	1830666	2502956	32.802	34.299
12)	L3 AR-1232-2	4.633	4.104	8870822	25369158	320.916	389.776
13)	L3 AR-1232-3	4.941	4.286	22408323	17102766	465.888	470.812
14)	L3 AR-1232-4	5.107	4.377	12666714	36012365	506.995	1120.983 #
15)	L3 AR-1232-5	5.212	4.554	26813833	43480320	1393.991	1191.062
16)	L4 AR-1242-1	4.918	4.086	18596964	24742256	299.403	292.114
17)	L4 AR-1242-2	4.941	4.104	22408323	25369158	258.865	218.202
18)	L4 AR-1242-3	5.005	4.286	11439571	17102766	200.112	260.208 #
19)	L4 AR-1242-4	5.107	4.377	12666714	36012365	274.975	563.668 #
20)	L4 AR-1242-5	5.899	4.926	30364498	61501098	694.377	745.655
21)	L5 AR-1248-1	4.918	4.086	18596964	24742256	404.092	378.671
22)	L5 AR-1248-2	5.212	4.335	26813833	35020381	400.289	378.691
23)	L5 AR-1248-3	5.426	4.377	30760366	36012365	405.411	379.470
24)	L5 AR-1248-4	5.859	4.554	31494415	43480320	406.991	380.954
25)	L5 AR-1248-5	5.899	4.969	30364498	43113173	408.031	377.975
26)	L6 AR-1254-1	5.830	4.926	25515532	61501098	298.840	351.655
27)	L6 AR-1254-2	6.068	5.086	31752132	18165030	253.311	119.128 #
28)	L6 AR-1254-3	6.461	5.511	17510370	29949298	141.883	118.099
29)	L6 AR-1254-4	6.773	5.757	10896495	20483835	125.026	124.401
30)	L6 AR-1254-5	7.229	6.205	3686476	7881846	39.967	31.808
31)	L7 AR-1260-1	6.643	5.661	1958109	14957845	20.860	87.493 #
32)	L7 AR-1260-2	6.923	5.855	1562355	2653603	14.917	12.739
33)	L7 AR-1260-3	7.310	6.015	172557	3795425	2.260	18.561 #
34)	L7 AR-1260-4	7.540	6.527	1483019	1066538	17.368	6.044 #
35)	L7 AR-1260-5	7.893	6.790	665713	1290331	4.383	3.107 #
36)	L8 AR-1262-1	7.310	6.247	172557	545046	1.555	2.190 #
37)	L8 AR-1262-2	7.893	6.790	665713	1290331	3.798	2.759 #
38)	L8 AR-1262-3	0.000	7.101	0	720459	N.D.	3.835 #
39)	L8 AR-1262-4	0.000	7.163	0	1262732	N.D.	3.551 #
40)	L8 AR-1262-5	0.000	7.705	0	312430	N.D.	1.772 #
41)	L9 AR-1268-1	0.000	7.101	0	720459	N.D.	1.646 #

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

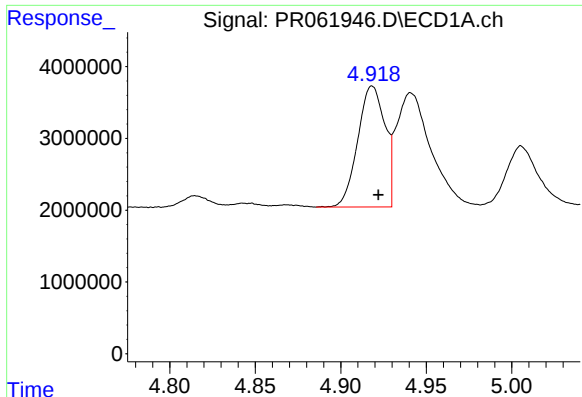
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:40:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	7.163	0	1262732	N.D.	3.128 #
43) L9	AR-1268-3	0.000	7.386	0	394379	N.D.	1.125 #
44) L9	AR-1268-4	0.000	7.705	0	312430	N.D.	1.988 #
45) L9	AR-1268-5	9.309	8.000	383935	1360659	0.973	1.199

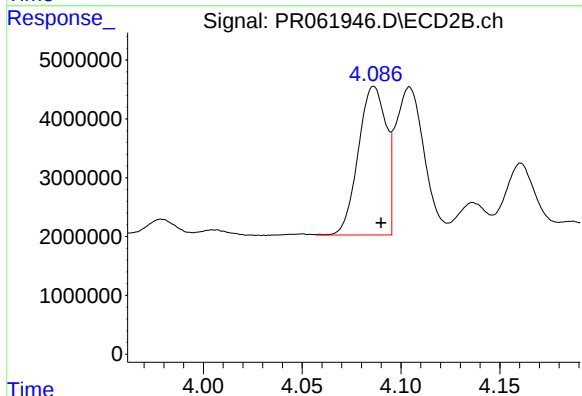
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

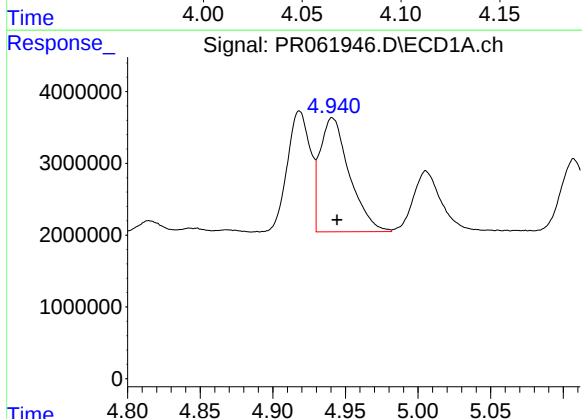
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 18596964
Conc: 256.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



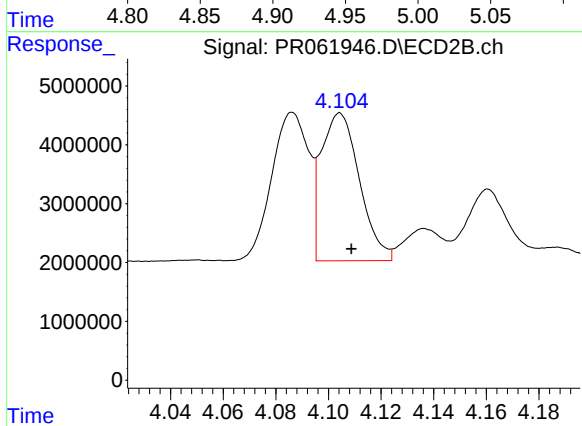
#3 AR-1016-1

R.T.: 4.086 min
Delta R.T.: -0.004 min
Response: 24742256
Conc: 246.69 ng/ml



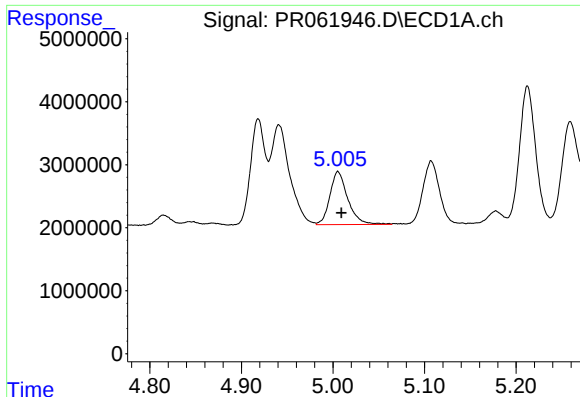
#4 AR-1016-2

R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 22408323
Conc: 216.19 ng/ml



#4 AR-1016-2

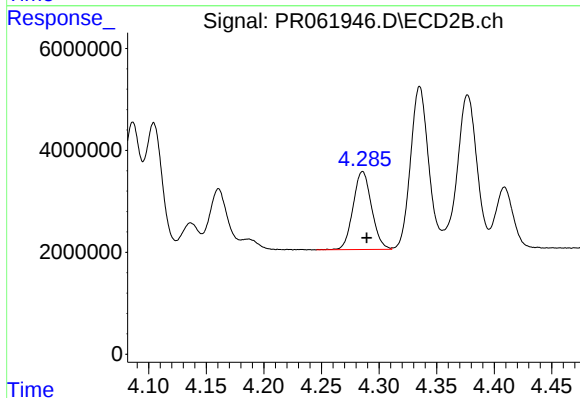
R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 25369158
Conc: 184.23 ng/ml



#5 AR-1016-3

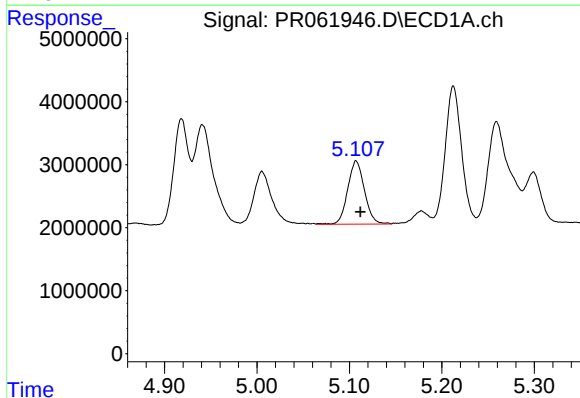
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 11439571
Conc: 173.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



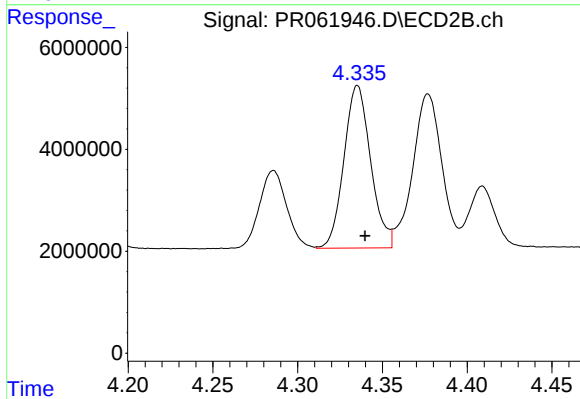
#5 AR-1016-3

R.T.: 4.286 min
Delta R.T.: -0.004 min
Response: 17102766
Conc: 220.78 ng/ml



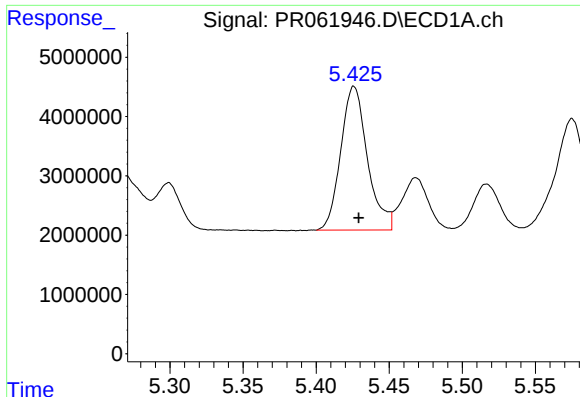
#6 AR-1016-4

R.T.: 5.107 min
Delta R.T.: -0.005 min
Response: 12666714
Conc: 234.30 ng/ml



#6 AR-1016-4

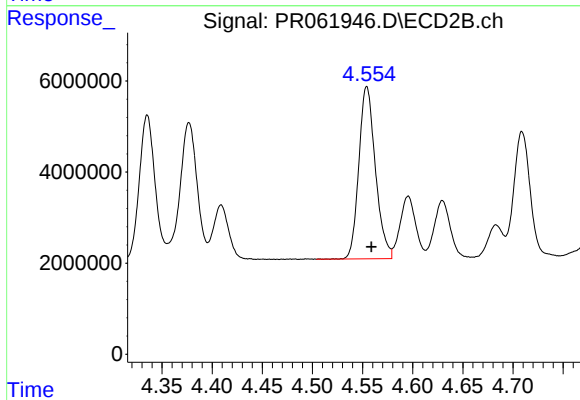
R.T.: 4.335 min
Delta R.T.: -0.004 min
Response: 35020381
Conc: 566.46 ng/ml



#7 AR-1016-5

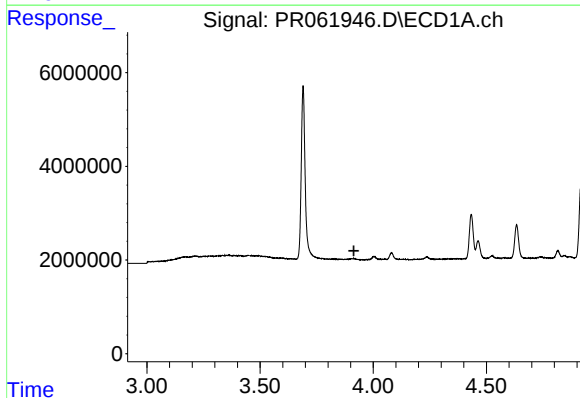
R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 30760366
Conc: 569.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



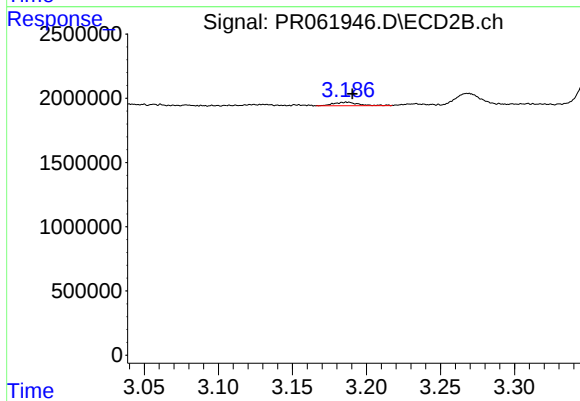
#7 AR-1016-5

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 43480320
Conc: 534.59 ng/ml



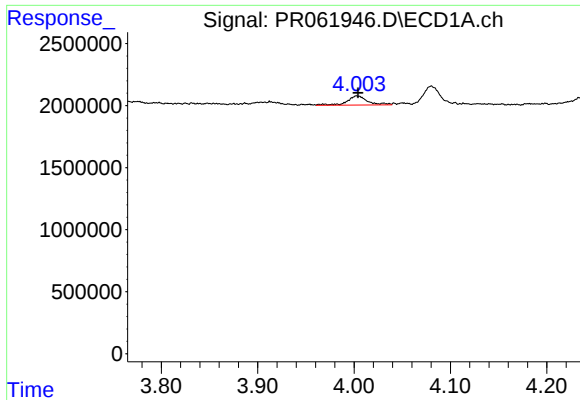
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.915 min
Response: 0
Conc: N.D.



#8 AR-1221-1

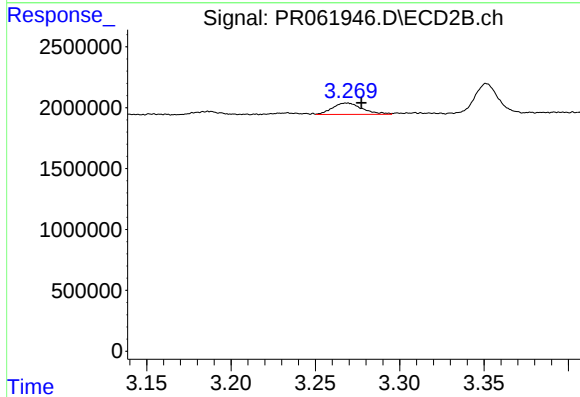
R.T.: 3.187 min
Delta R.T.: -0.003 min
Response: 334557
Conc: 8.77 ng/ml



#9 AR-1221-2

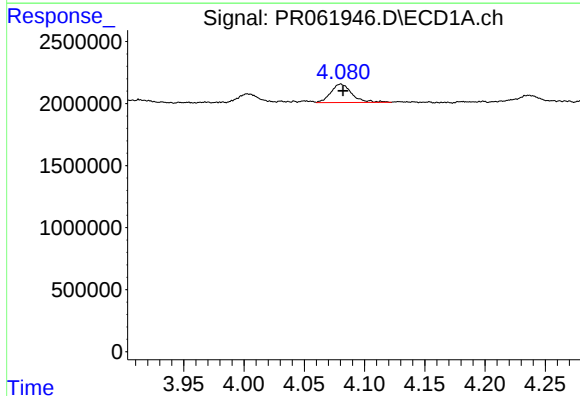
R.T.: 4.003 min
Delta R.T.: -0.001 min
Response: 1086899
Conc: 51.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



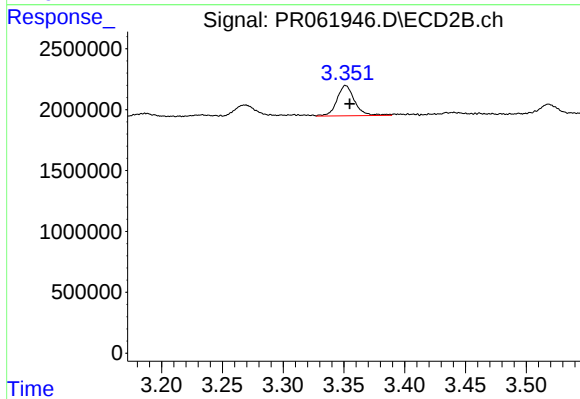
#9 AR-1221-2

R.T.: 3.269 min
Delta R.T.: -0.009 min
Response: 1147908
Conc: 41.81 ng/ml



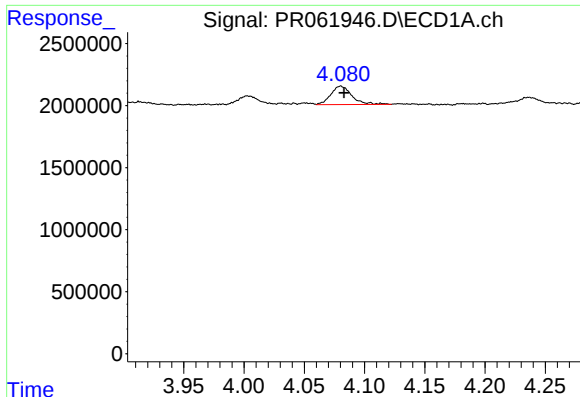
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 1830666
Conc: 27.17 ng/ml



#10 AR-1221-3

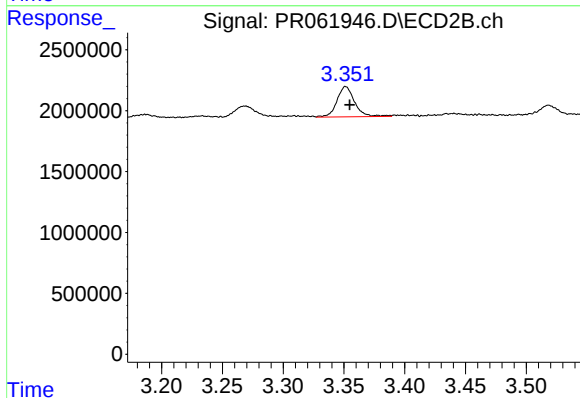
R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 2502956
Conc: 28.74 ng/ml



#11 AR-1232-1

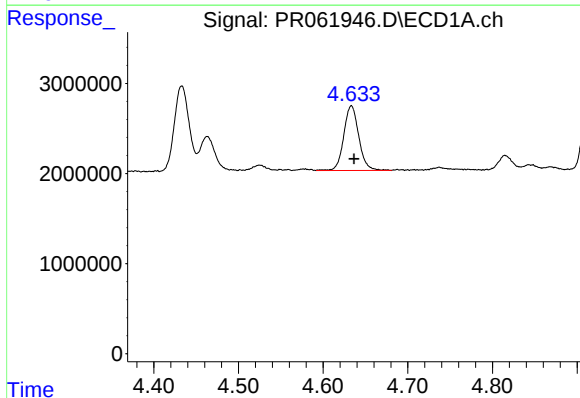
R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 1830666
Conc: 32.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



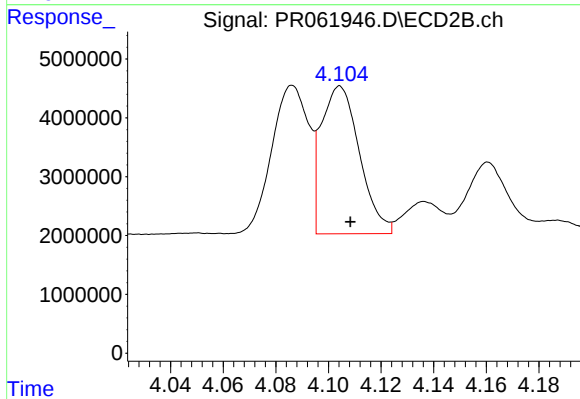
#11 AR-1232-1

R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 2502956
Conc: 34.30 ng/ml



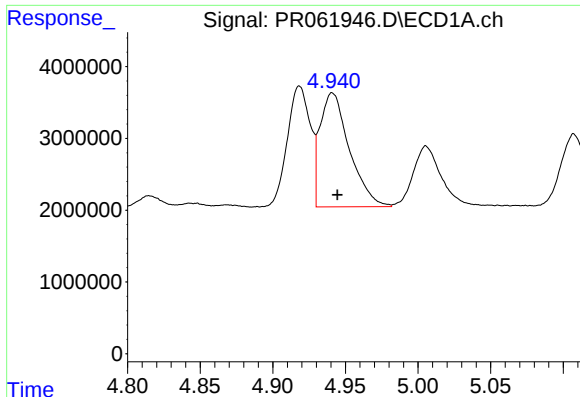
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.003 min
Response: 8870822
Conc: 320.92 ng/ml



#12 AR-1232-2

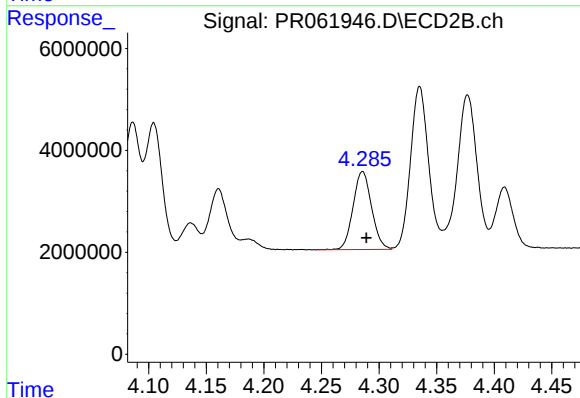
R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 25369158
Conc: 389.78 ng/ml



#13 AR-1232-3

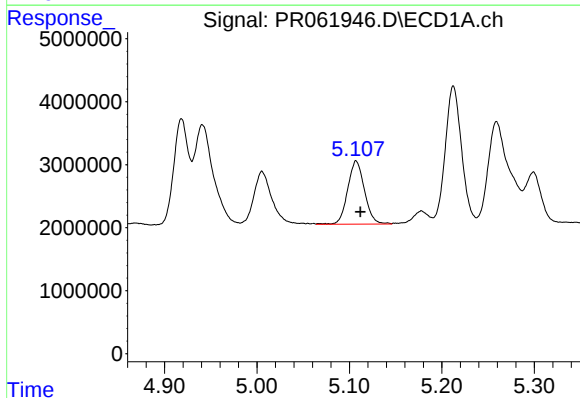
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 22408323
Conc: 465.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



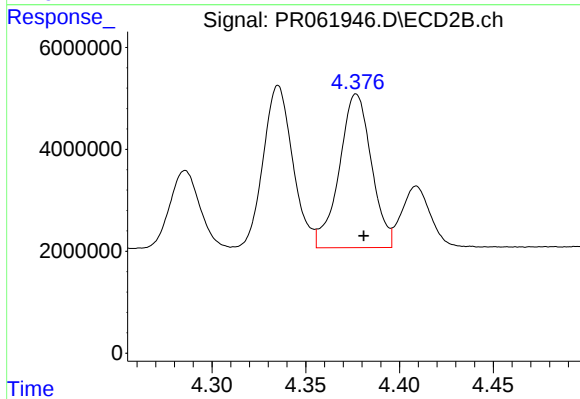
#13 AR-1232-3

R.T.: 4.286 min
Delta R.T.: -0.003 min
Response: 17102766
Conc: 470.81 ng/ml



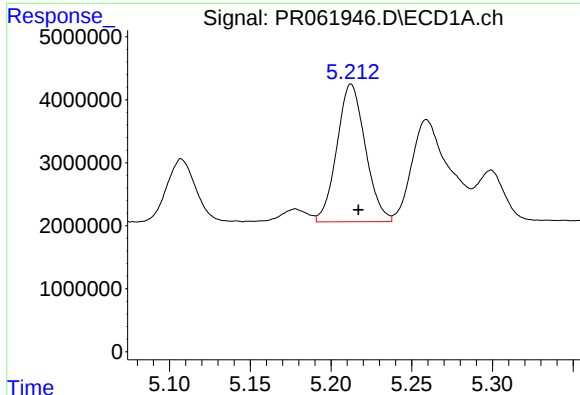
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 12666714
Conc: 507.00 ng/ml



#14 AR-1232-4

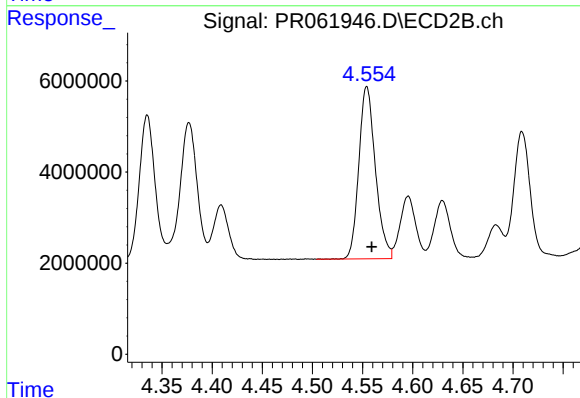
R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 36012365
Conc: 1120.98 ng/ml



#15 AR-1232-5

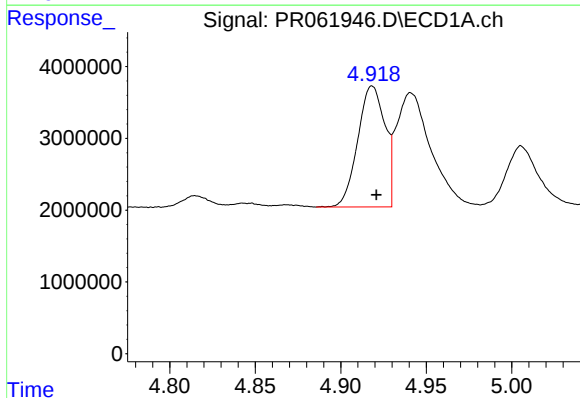
R.T.: 5.212 min
Delta R.T.: -0.005 min
Response: 26813833
Conc: 1393.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



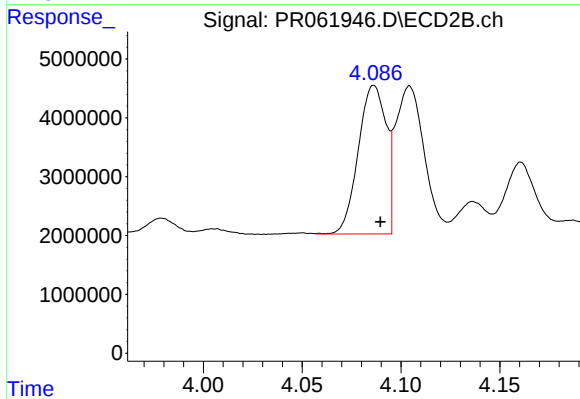
#15 AR-1232-5

R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 43480320
Conc: 1191.06 ng/ml



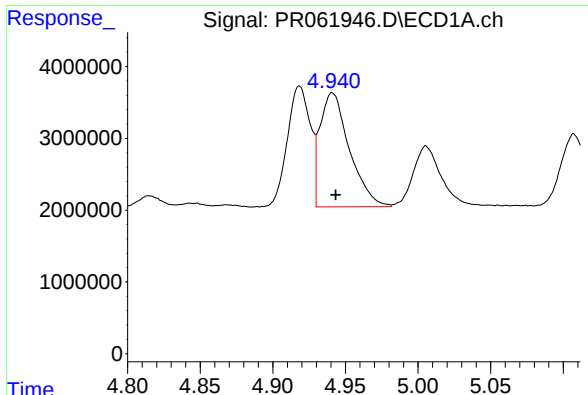
#16 AR-1242-1

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 18596964
Conc: 299.40 ng/ml



#16 AR-1242-1

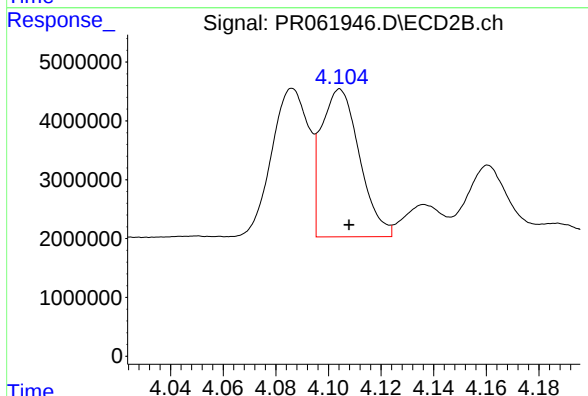
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 24742256
Conc: 292.11 ng/ml



#17 AR-1242-2

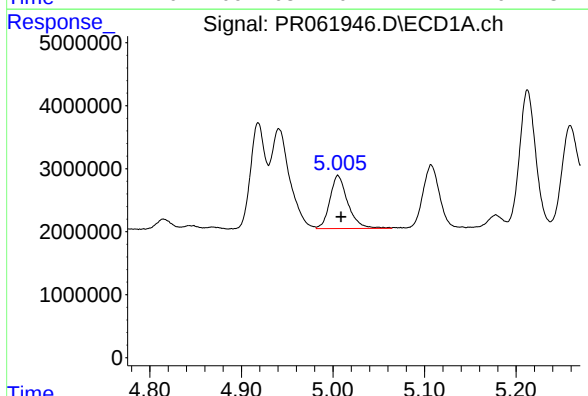
R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 22408323
Conc: 258.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



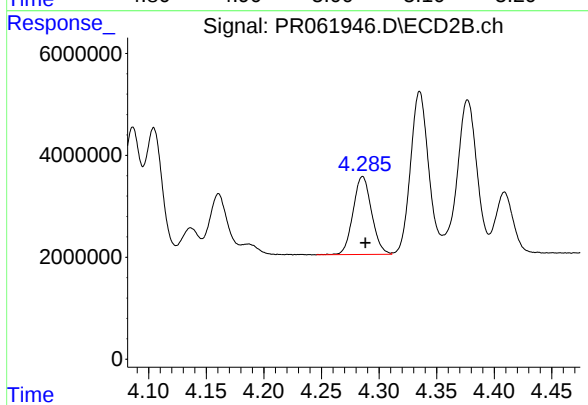
#17 AR-1242-2

R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 25369158
Conc: 218.20 ng/ml



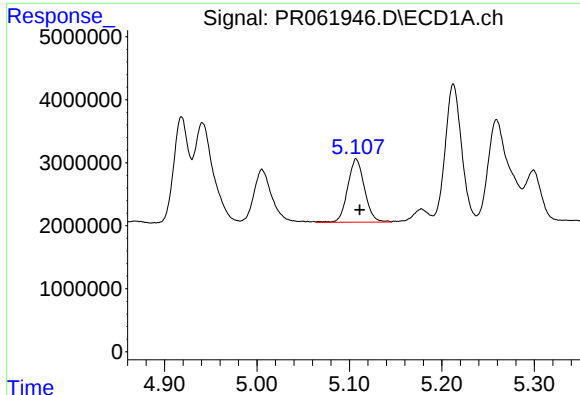
#18 AR-1242-3

R.T.: 5.005 min
Delta R.T.: -0.003 min
Response: 11439571
Conc: 200.11 ng/ml



#18 AR-1242-3

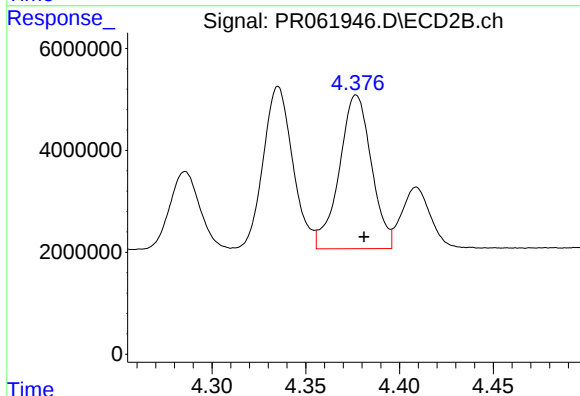
R.T.: 4.286 min
Delta R.T.: -0.003 min
Response: 17102766
Conc: 260.21 ng/ml



#19 AR-1242-4

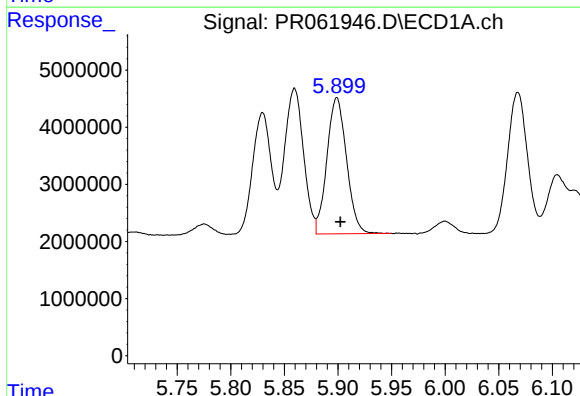
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 12666714
Conc: 274.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



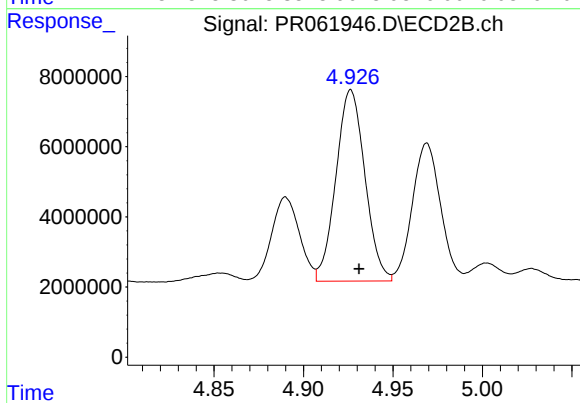
#19 AR-1242-4

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 36012365
Conc: 563.67 ng/ml



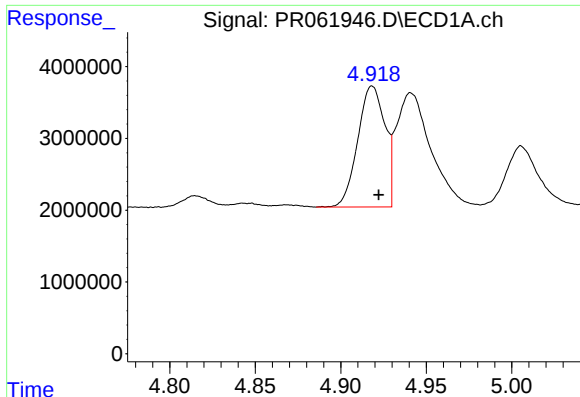
#20 AR-1242-5

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 30364498
Conc: 694.38 ng/ml



#20 AR-1242-5

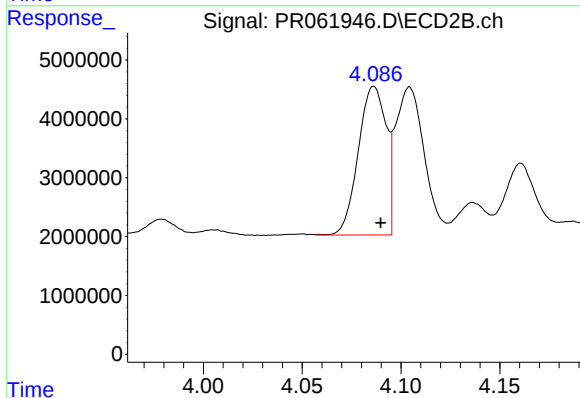
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 61501098
Conc: 745.66 ng/ml



#21 AR-1248-1

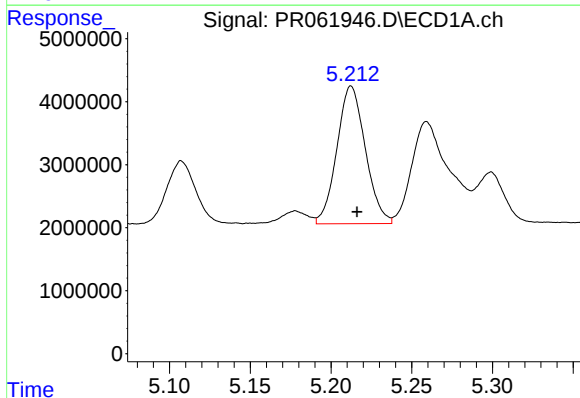
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 18596964
Conc: 404.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



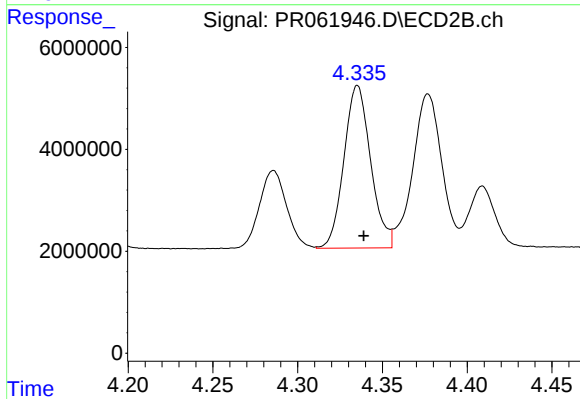
#21 AR-1248-1

R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 24742256
Conc: 378.67 ng/ml



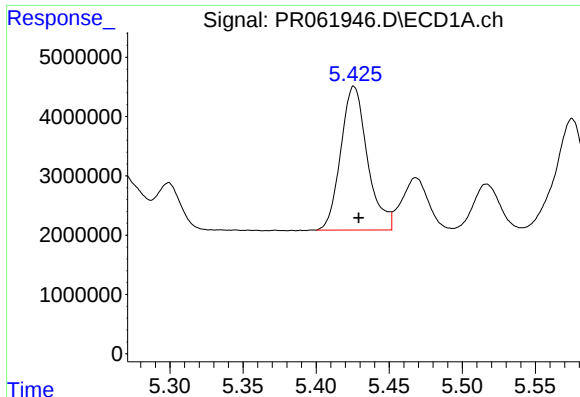
#22 AR-1248-2

R.T.: 5.212 min
Delta R.T.: -0.004 min
Response: 26813833
Conc: 400.29 ng/ml



#22 AR-1248-2

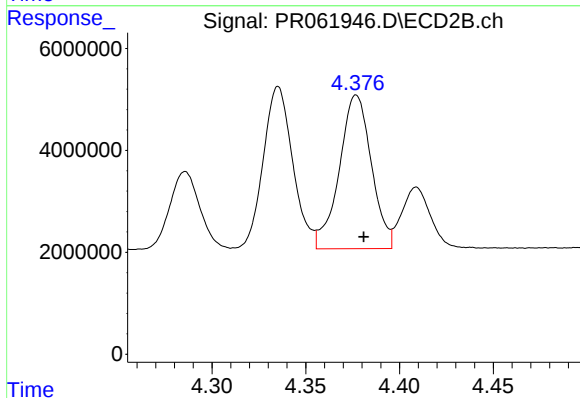
R.T.: 4.335 min
Delta R.T.: -0.004 min
Response: 35020381
Conc: 378.69 ng/ml



#23 AR-1248-3

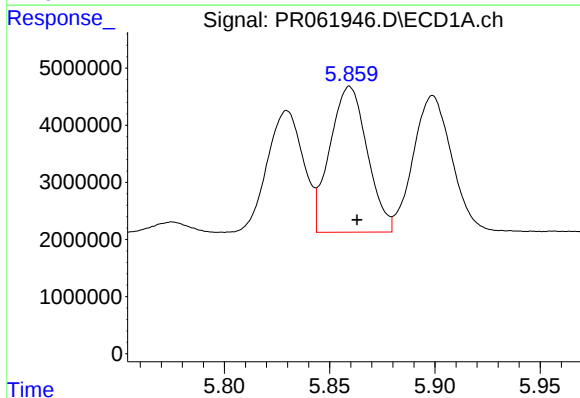
R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 30760366
Conc: 405.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



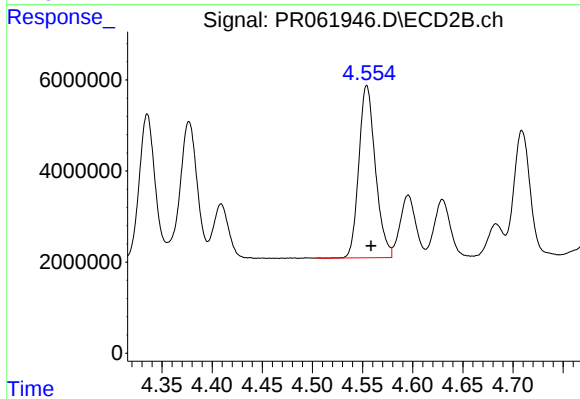
#23 AR-1248-3

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 36012365
Conc: 379.47 ng/ml



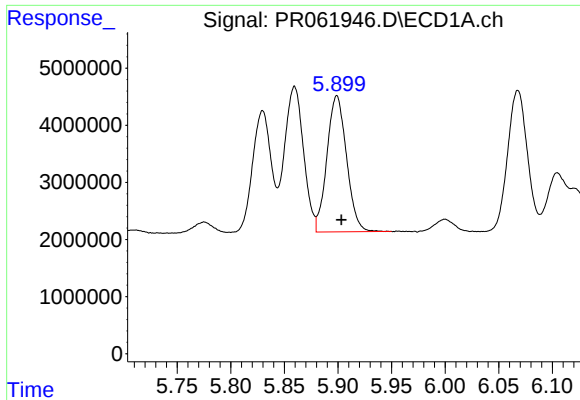
#24 AR-1248-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 31494415
Conc: 406.99 ng/ml



#24 AR-1248-4

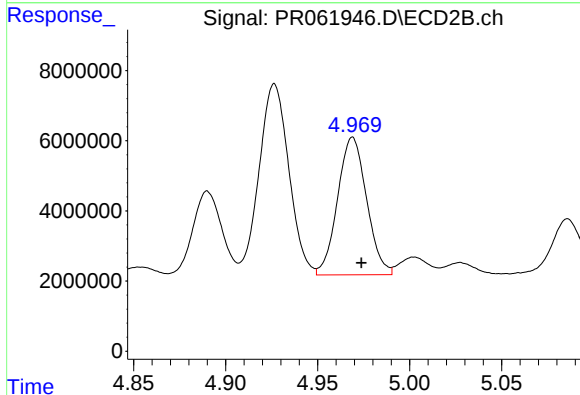
R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 43480320
Conc: 380.95 ng/ml



#25 AR-1248-5

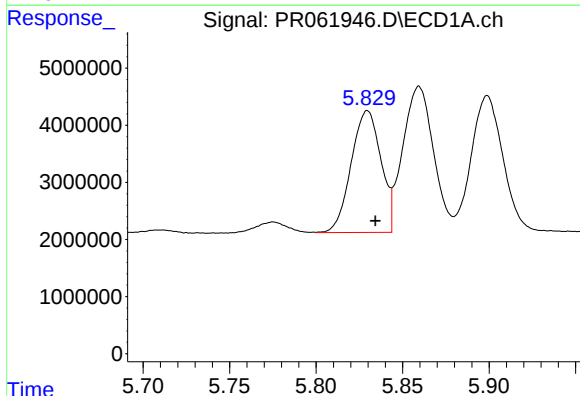
R.T.: 5.899 min
Delta R.T.: -0.004 min
Response: 30364498
Conc: 408.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



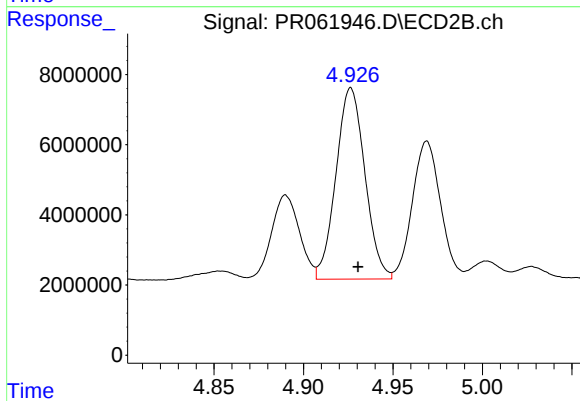
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 43113173
Conc: 377.98 ng/ml



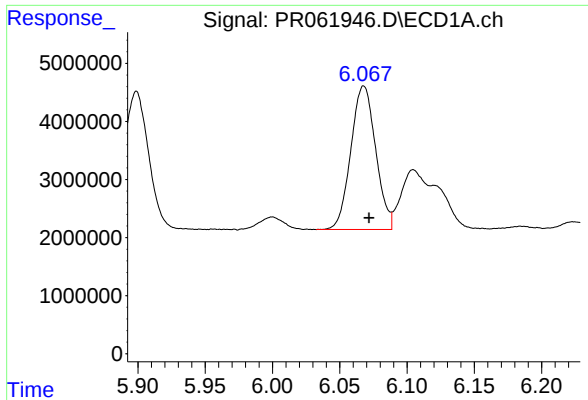
#26 AR-1254-1

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 25515532
Conc: 298.84 ng/ml



#26 AR-1254-1

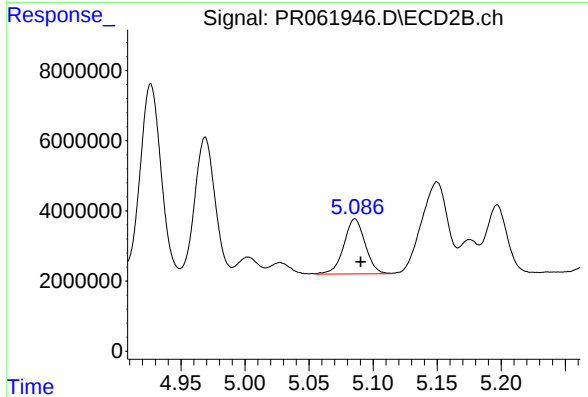
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 61501098
Conc: 351.65 ng/ml



#27 AR-1254-2

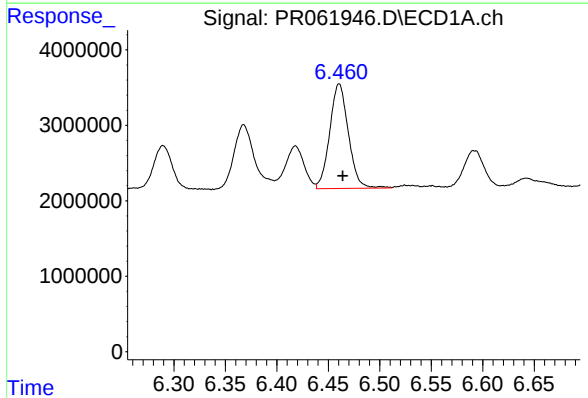
R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 31752132
Conc: 253.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



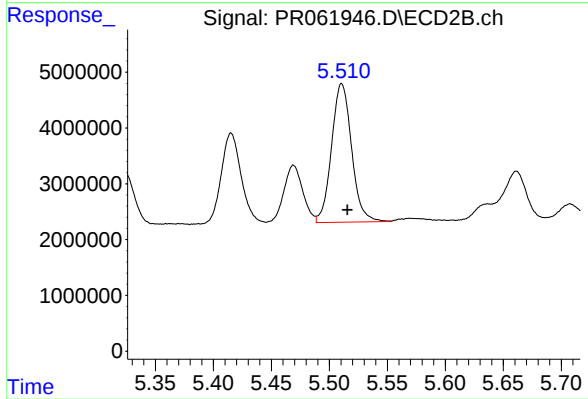
#27 AR-1254-2

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 18165030
Conc: 119.13 ng/ml



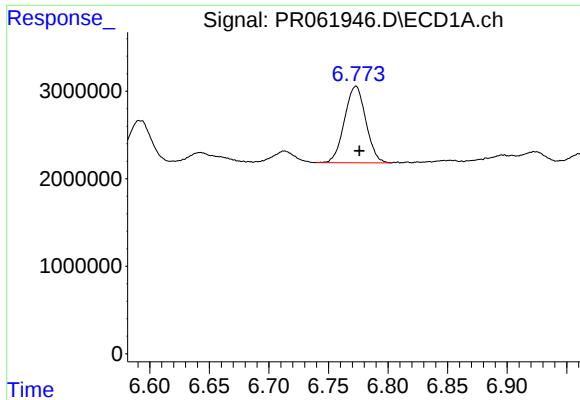
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 17510370
Conc: 141.88 ng/ml



#28 AR-1254-3

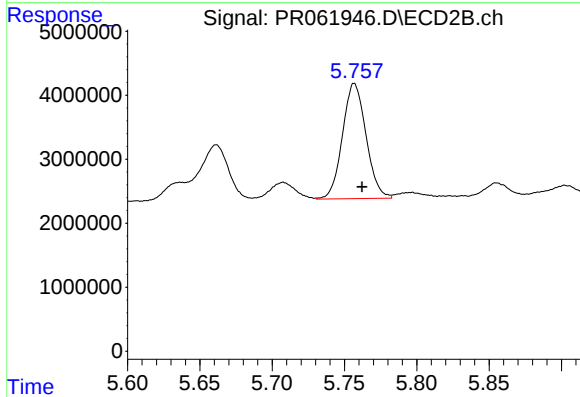
R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 29949298
Conc: 118.10 ng/ml



#29 AR-1254-4

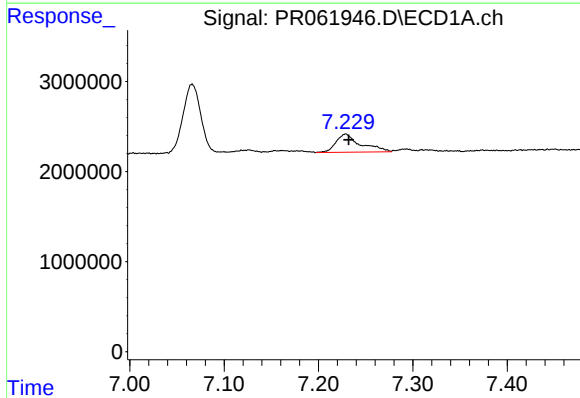
R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 10896495
Conc: 125.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



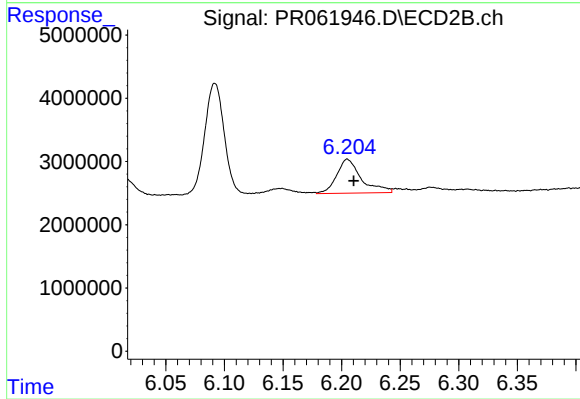
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 20483835
Conc: 124.40 ng/ml



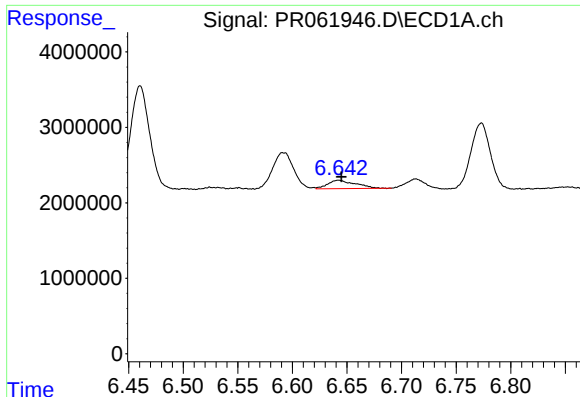
#30 AR-1254-5

R.T.: 7.229 min
Delta R.T.: -0.003 min
Response: 3686476
Conc: 39.97 ng/ml



#30 AR-1254-5

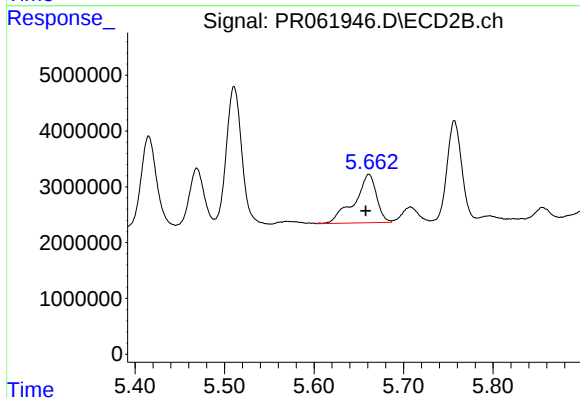
R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 7881846
Conc: 31.81 ng/ml



#31 AR-1260-1

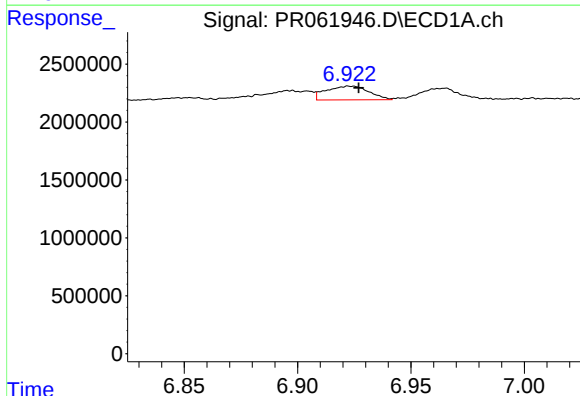
R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 1958109
Conc: 20.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



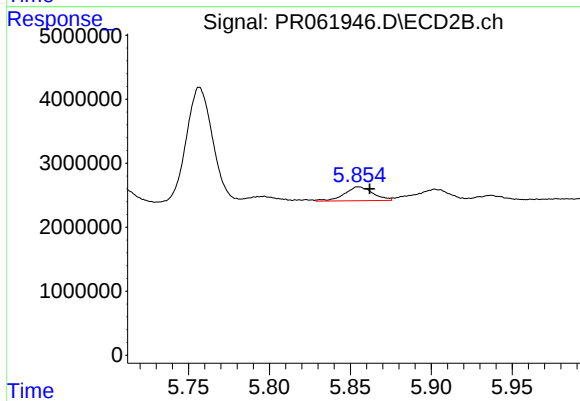
#31 AR-1260-1

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 14957845
Conc: 87.49 ng/ml



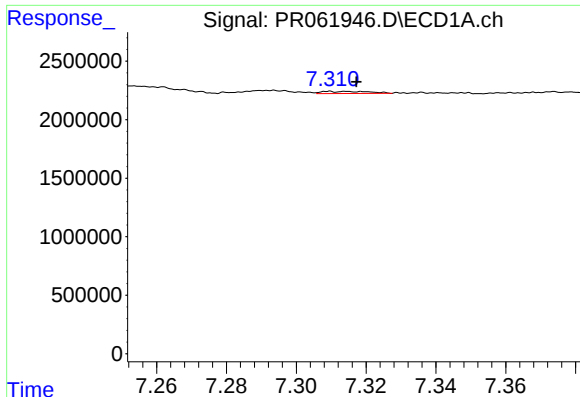
#32 AR-1260-2

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 1562355
Conc: 14.92 ng/ml



#32 AR-1260-2

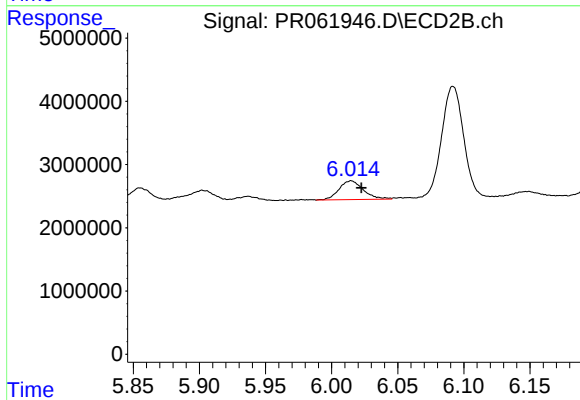
R.T.: 5.855 min
Delta R.T.: -0.007 min
Response: 2653603
Conc: 12.74 ng/ml



#33 AR-1260-3

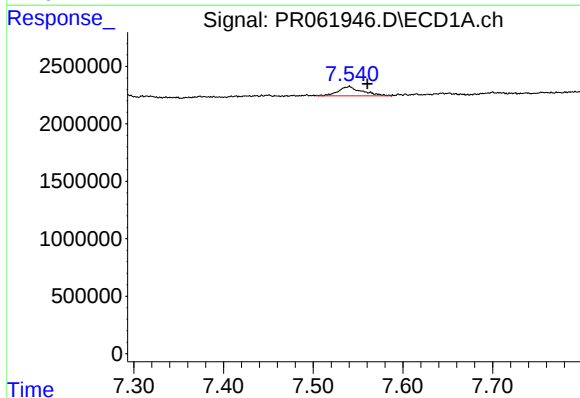
R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 172557
Conc: 2.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



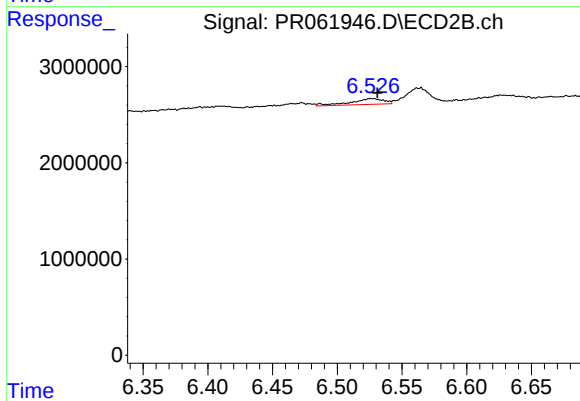
#33 AR-1260-3

R.T.: 6.015 min
Delta R.T.: -0.008 min
Response: 3795425
Conc: 18.56 ng/ml



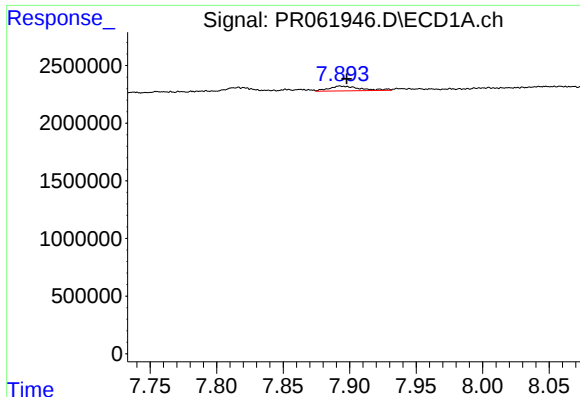
#34 AR-1260-4

R.T.: 7.540 min
Delta R.T.: -0.020 min
Response: 1483019
Conc: 17.37 ng/ml



#34 AR-1260-4

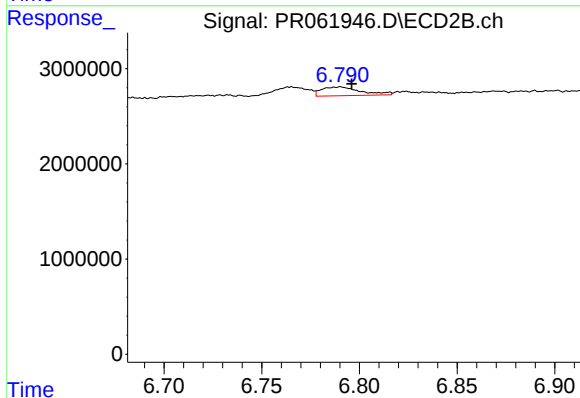
R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 1066538
Conc: 6.04 ng/ml



#35 AR-1260-5

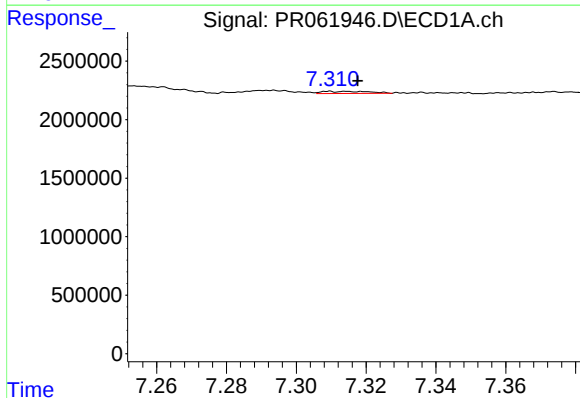
R.T.: 7.893 min
Delta R.T.: -0.005 min
Response: 665713
Conc: 4.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



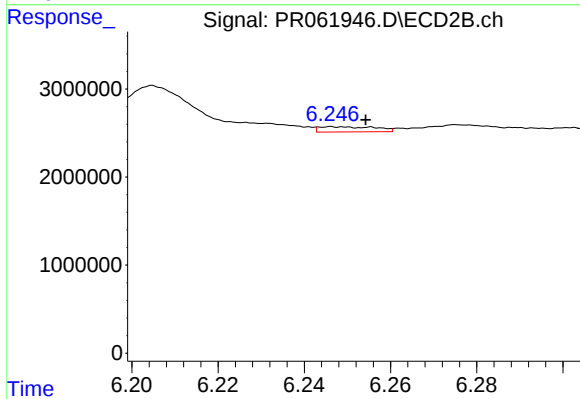
#35 AR-1260-5

R.T.: 6.790 min
Delta R.T.: -0.006 min
Response: 1290331
Conc: 3.11 ng/ml



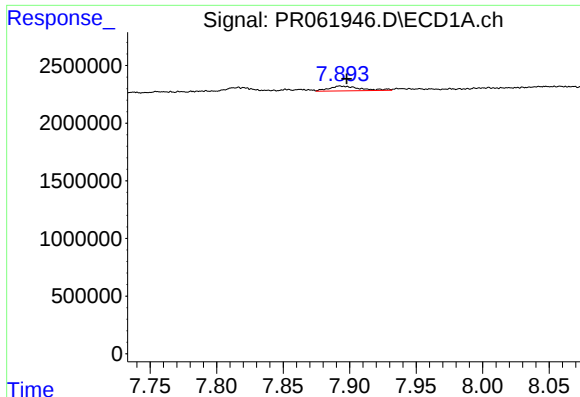
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 172557
Conc: 1.55 ng/ml



#36 AR-1262-1

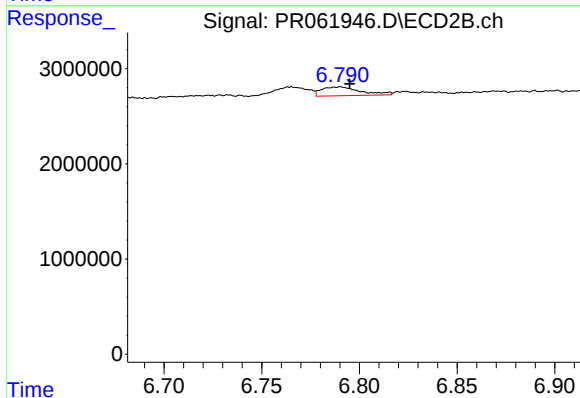
R.T.: 6.247 min
Delta R.T.: -0.007 min
Response: 545046
Conc: 2.19 ng/ml



#37 AR-1262-2

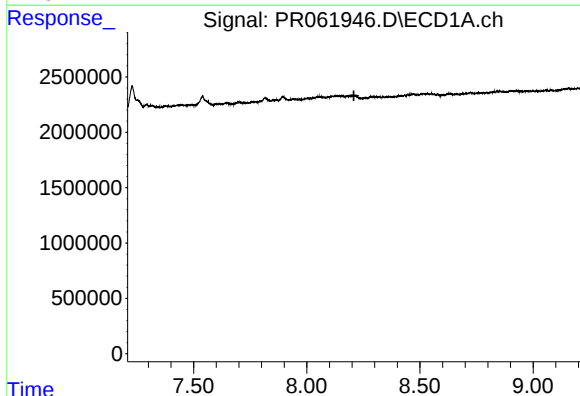
R.T.: 7.893 min
Delta R.T.: -0.005 min
Response: 665713
Conc: 3.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



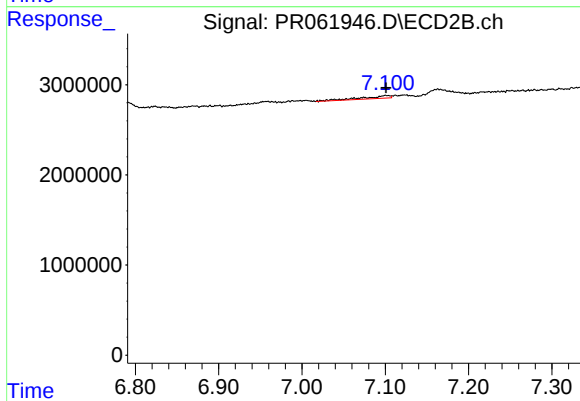
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 1290331
Conc: 2.76 ng/ml



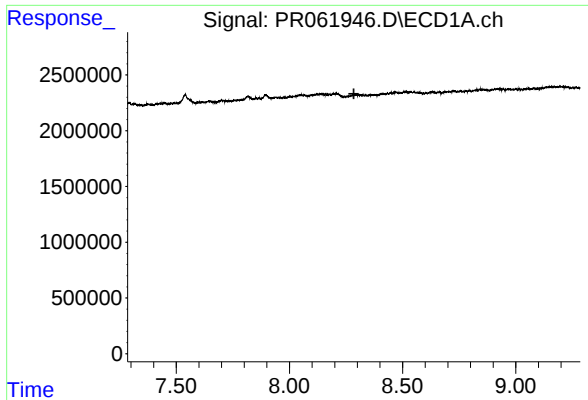
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.208 min
Response: 0
Conc: N.D.



#38 AR-1262-3

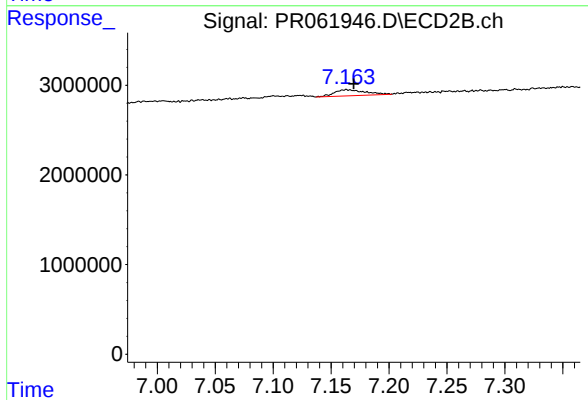
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 720459
Conc: 3.84 ng/ml



#39 AR-1262-4

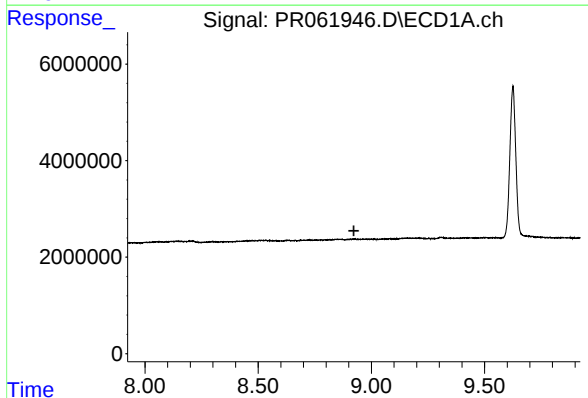
R.T.: 0.000 min
Exp R.T.: 8.285 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



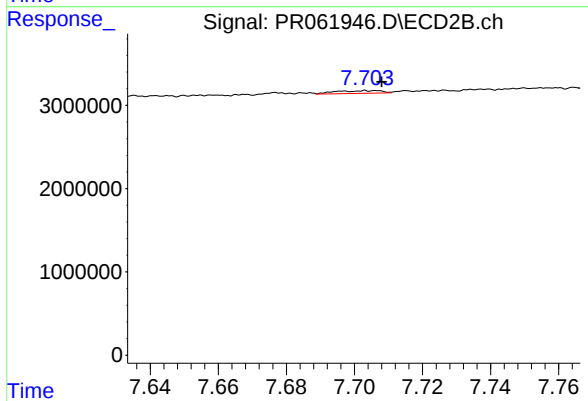
#39 AR-1262-4

R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 1262732
Conc: 3.55 ng/ml



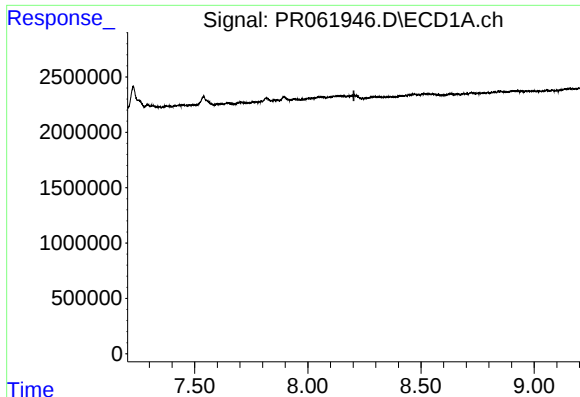
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.923 min
Response: 0
Conc: N.D.



#40 AR-1262-5

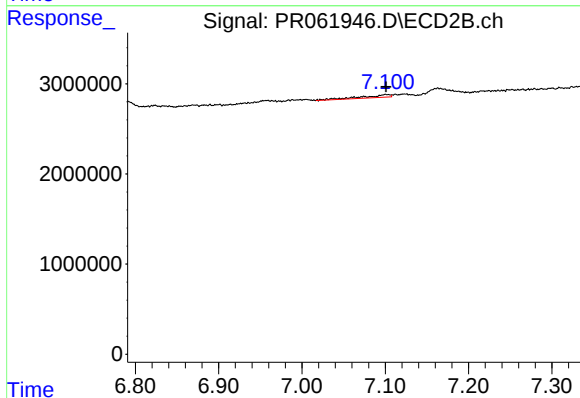
R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 312430
Conc: 1.77 ng/ml



#41 AR-1268-1

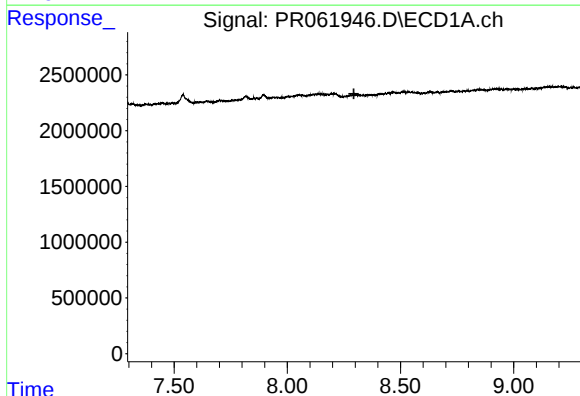
R.T.: 0.000 min
Exp R.T.: 8.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



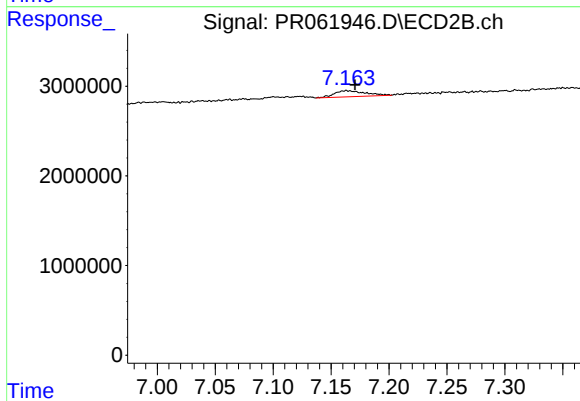
#41 AR-1268-1

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 720459
Conc: 1.65 ng/ml



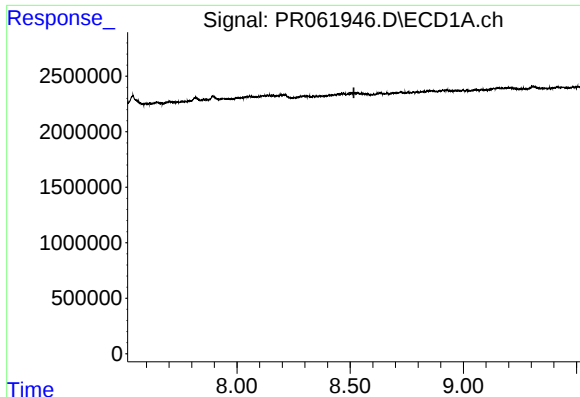
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.



#42 AR-1268-2

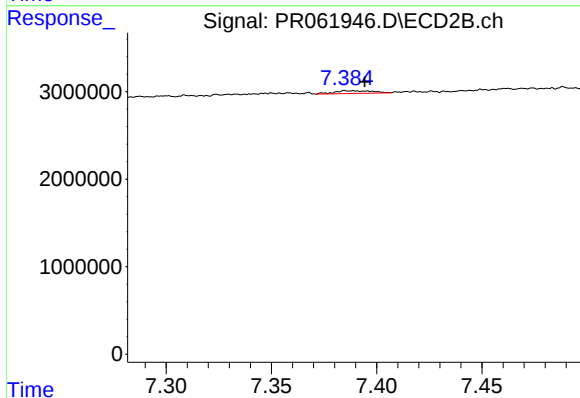
R.T.: 7.163 min
Delta R.T.: -0.007 min
Response: 1262732
Conc: 3.13 ng/ml



#43 AR-1268-3

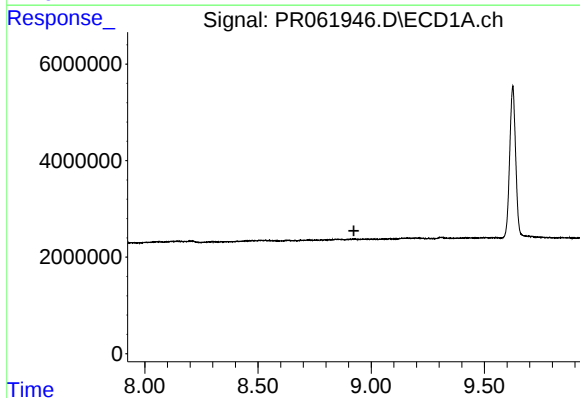
R.T.: 0.000 min
Exp R.T.: 8.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



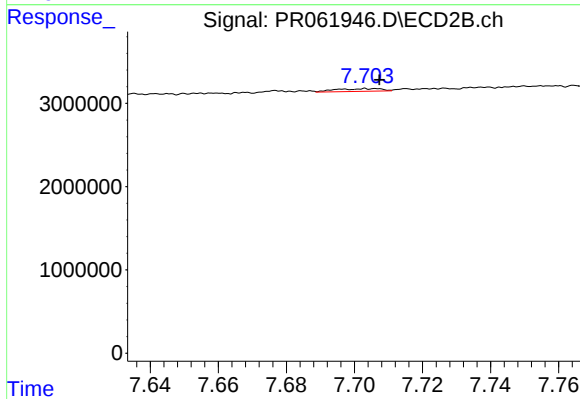
#43 AR-1268-3

R.T.: 7.386 min
Delta R.T.: -0.008 min
Response: 394379
Conc: 1.12 ng/ml



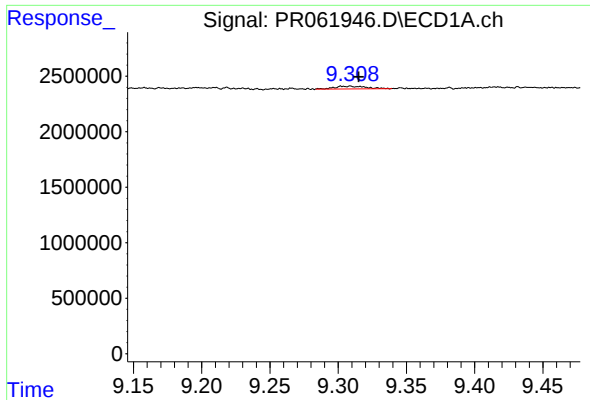
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.923 min
Response: 0
Conc: N.D.



#44 AR-1268-4

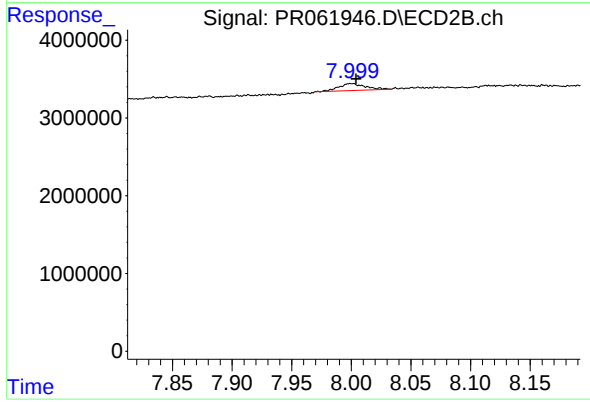
R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 312430
Conc: 1.99 ng/ml



#45 AR-1268-5

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 383935
Conc: 0.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 1360659
Conc: 1.20 ng/ml