

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 16:46
 Operator : YP\AJ
 Sample : 03312-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:42:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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	2.961	49961135	76509353	22.721	27.852
2)	SA Decachlor...	9.623	8.246	30499813	68752678	21.079	19.387
Target Compounds							
3)	L1 AR-1016-1	4.939f	4.096	1299855	1909832	17.457	18.801
4)	L1 AR-1016-2	4.939	4.096	1299855	1909832	12.294	13.574
5)	L1 AR-1016-3	5.025f	0.000	627295	0	9.352	N.D. #
6)	L1 AR-1016-4	5.106	4.333	159902	673228	2.988	10.501 #
7)	L1 AR-1016-5	5.444f	4.559	562623	455978	10.159	5.486 #
8)	L2 AR-1221-1	3.899f	3.180	10157950	587794	376.470	16.392 #
9)	L2 AR-1221-2	4.005	3.247f	806758	6071852	42.231	220.683 #
10)	L2 AR-1221-3	4.093	3.353	3905331	267945	64.474	3.323 #
11)	L3 AR-1232-1	4.093	3.353	3905331	267945	85.405	4.439 #
12)	L3 AR-1232-2	4.629	4.096	4518537	1909832	170.029	30.769 #
13)	L3 AR-1232-3	4.939	0.000	1299855	0	28.204	N.D. #
14)	L3 AR-1232-4	5.106	4.394f	159902	446975	6.996	14.235 #
15)	L3 AR-1232-5	5.206	4.559	151075	455978	8.210	12.658 #
16)	L4 AR-1242-1	4.939f	4.096	1299855	1909832	23.426	25.085
17)	L4 AR-1242-2	4.939	4.096	1299855	1909832	16.534	18.342
18)	L4 AR-1242-3	5.025f	0.000	627295	0	12.525	N.D. #
19)	L4 AR-1242-4	5.106	4.394f	159902	446975	3.969	7.529 #
20)	L4 AR-1242-5	5.904	4.927	1860237	4226145	47.198	53.753
21)	L5 AR-1248-1	4.939f	4.096	1299855	1909832	30.416	31.206
22)	L5 AR-1248-2	5.206	4.333	151075	673228	2.436	7.812 #
23)	L5 AR-1248-3	5.444f	4.394f	562623	446975	7.821	5.023 #
24)	L5 AR-1248-4	5.858	4.559	7115347	455978	97.366	4.227 #
25)	L5 AR-1248-5	5.904	4.960	1860237	2711157	26.126	25.345
26)	L6 AR-1254-1	5.805f	4.927	1472219	4226145	18.454	26.489 #
27)	L6 AR-1254-2	6.067	5.088	5621458	4677591	47.794	32.209 #
28)	L6 AR-1254-3	6.462	5.510	4804971	3115390	41.913	13.169 #
29)	L6 AR-1254-4	6.772	5.757	2265618	3266502	28.336	21.449
30)	L6 AR-1254-5	7.252f	6.207	7889304	15608804	87.952	63.664 #
31)	L7 AR-1260-1	6.641	5.664	4866004	7070085	48.934	40.726
32)	L7 AR-1260-2	6.908f	5.856	7455408	2253453	67.647	10.243 #
33)	L7 AR-1260-3	7.316	6.015	585761	2255926	8.462	10.783 #
34)	L7 AR-1260-4	7.544f	6.526	1041385	2458296	12.716	15.561
35)	L7 AR-1260-5	7.892	6.791	5060961	2342455	35.948	6.307 #
36)	L8 AR-1262-1	7.316	6.252	585761	1976552	5.457	8.335 #
37)	L8 AR-1262-2	7.892	6.791	5060961	2342455	30.483	5.344 #
38)	L8 AR-1262-3	8.200	7.092	-239100	16143451	N.D.	85.651 #
39)	L8 AR-1262-4	8.299	7.170	1304024	15558757	14.606	46.256 #
40)	L8 AR-1262-5	8.903f	0.000	144637	0	2.454	N.D. #
41)	L9 AR-1268-1	8.200	7.092	-239100	16143451	N.D.	31.378 #

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 Operator : YP\AJ
 Sample : 03312-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

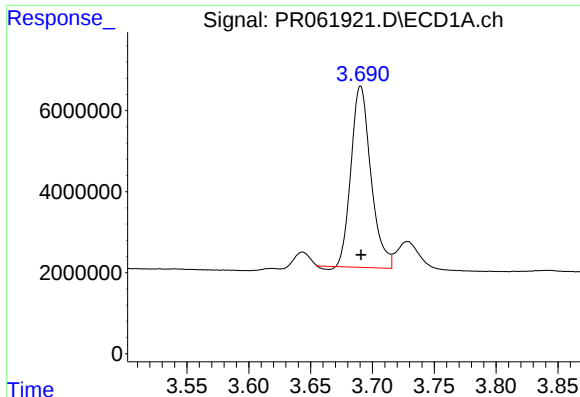
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:42:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.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	8.299	7.170	1304024	15558757	7.157	32.694 #
43) L9	AR-1268-3	8.539f	7.399	117413	1566568	0.750	3.825 #
44) L9	AR-1268-4	8.903f	0.000	144637	0	2.248	N.D. #
45) L9	AR-1268-5	9.309	7.997	2144298	2629176	4.661	2.041 #

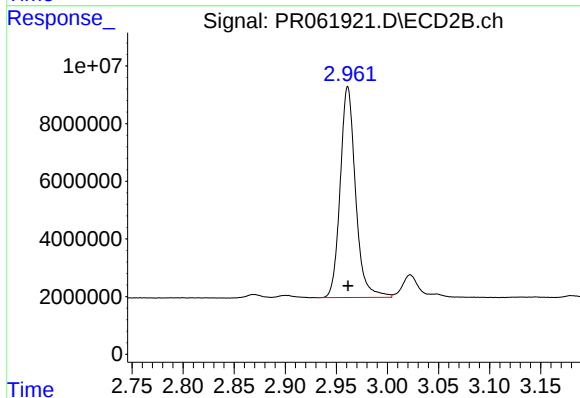
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

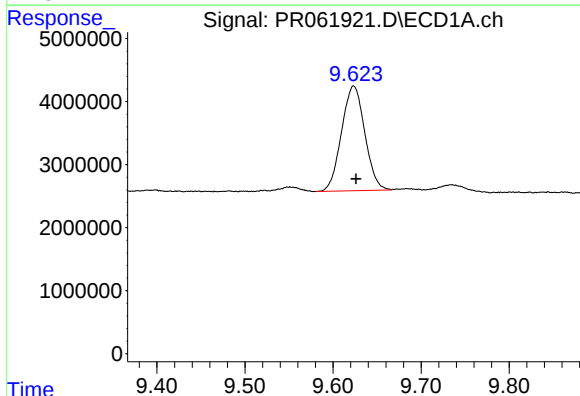
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 49961135
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



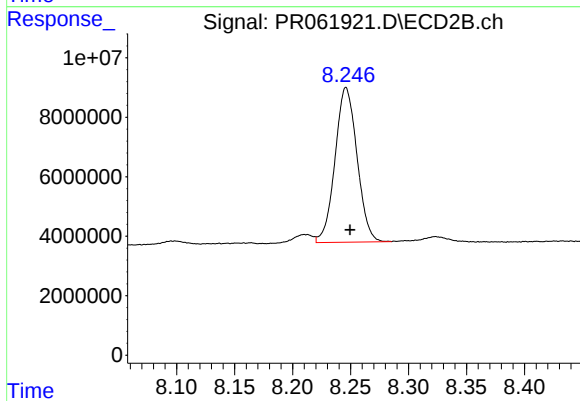
#1 Tetrachloro-m-xylene

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 76509353
Conc: 27.85 ng/ml



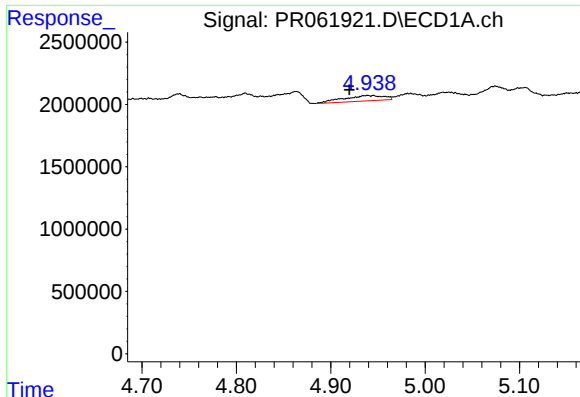
#2 Decachlorobiphenyl

R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 30499813
Conc: 21.08 ng/ml



#2 Decachlorobiphenyl

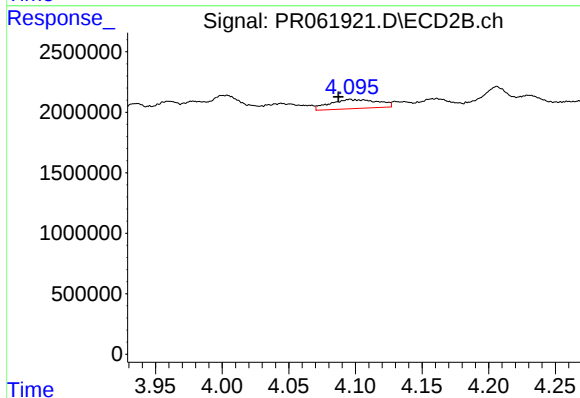
R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 68752678
Conc: 19.39 ng/ml



#3 AR-1016-1

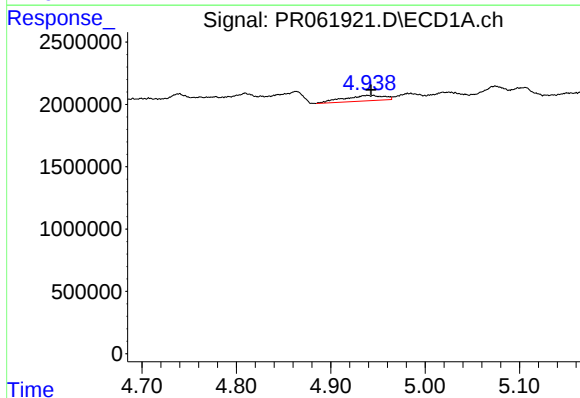
R.T.: 4.939 min
Delta R.T.: 0.019 min
Response: 1299855
Conc: 17.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



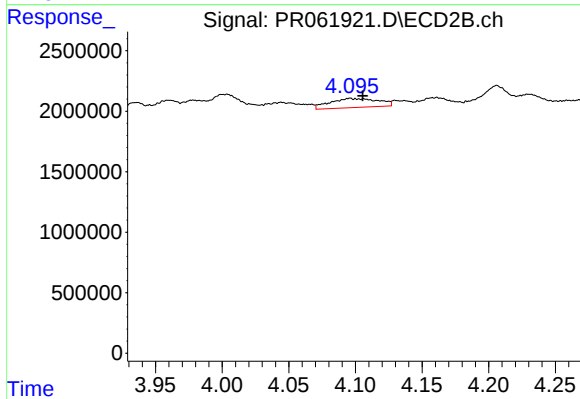
#3 AR-1016-1

R.T.: 4.096 min
Delta R.T.: 0.009 min
Response: 1909832
Conc: 18.80 ng/ml



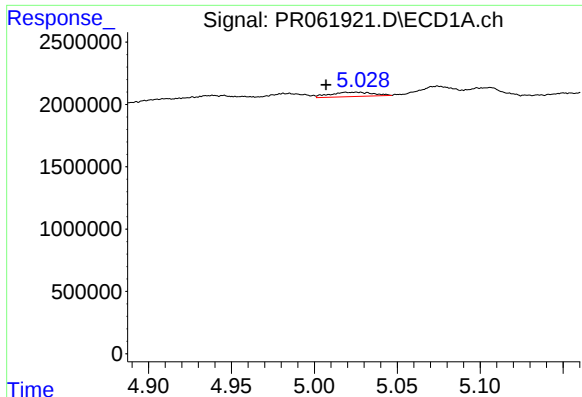
#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 1299855
Conc: 12.29 ng/ml



#4 AR-1016-2

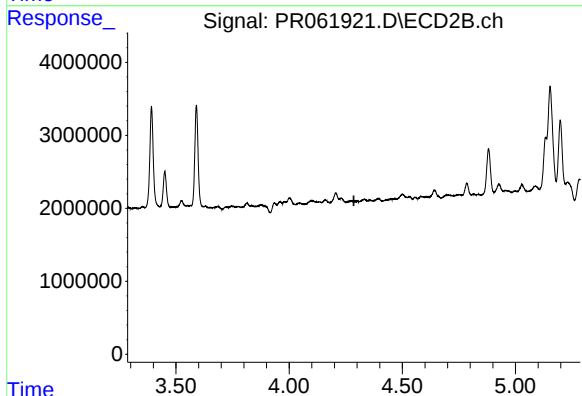
R.T.: 4.096 min
Delta R.T.: -0.010 min
Response: 1909832
Conc: 13.57 ng/ml



#5 AR-1016-3

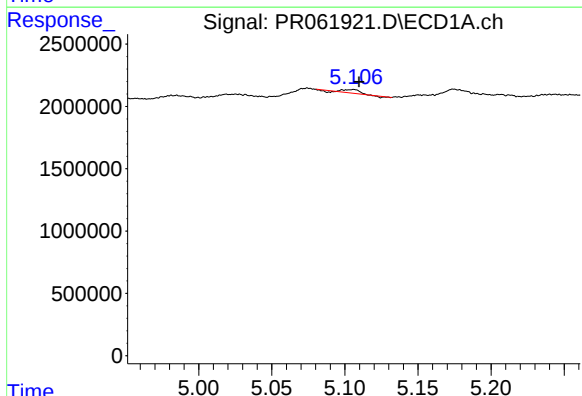
R.T.: 5.025 min
Delta R.T.: 0.018 min
Response: 627295
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



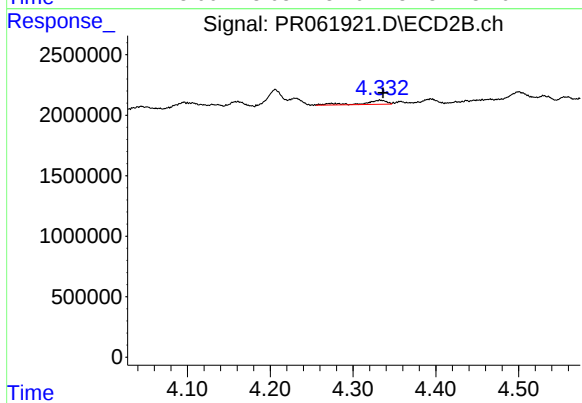
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



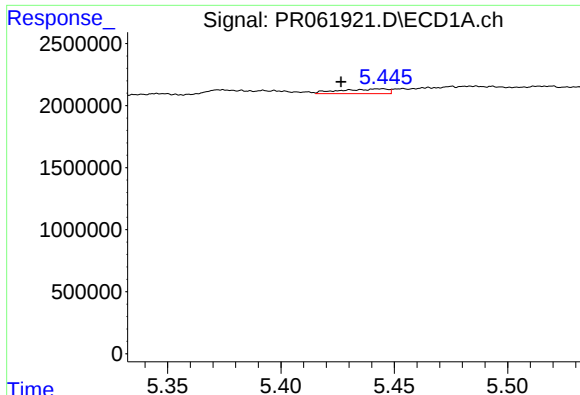
#6 AR-1016-4

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 159902
Conc: 2.99 ng/ml



#6 AR-1016-4

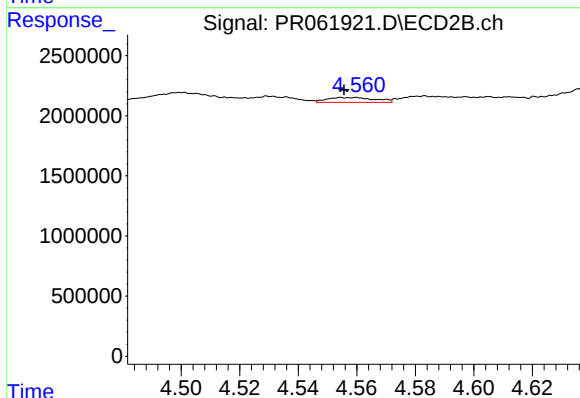
R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 673228
Conc: 10.50 ng/ml



#7 AR-1016-5

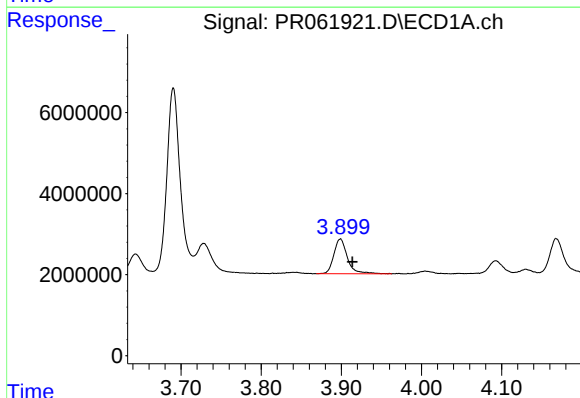
R.T.: 5.444 min
Delta R.T.: 0.018 min
Response: 562623
Conc: 10.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



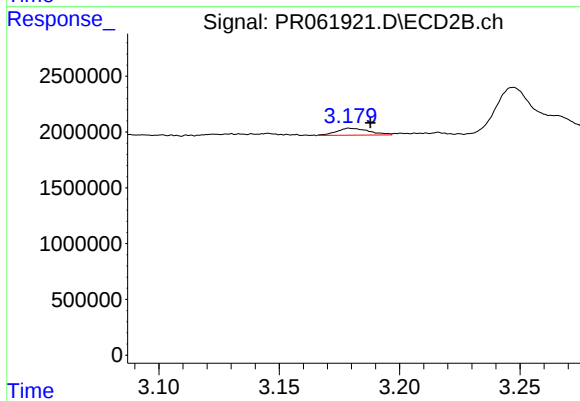
#7 AR-1016-5

R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 455978
Conc: 5.49 ng/ml



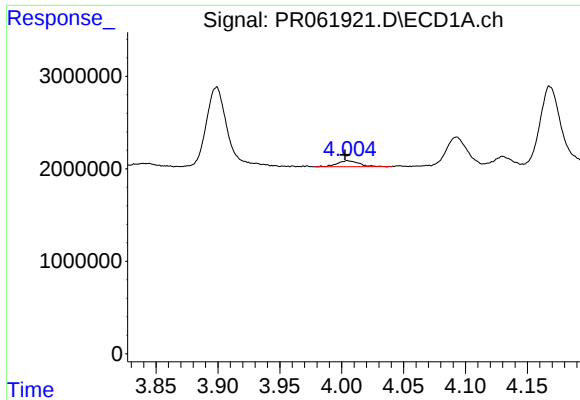
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.015 min
Response: 10157950
Conc: 376.47 ng/ml



#8 AR-1221-1

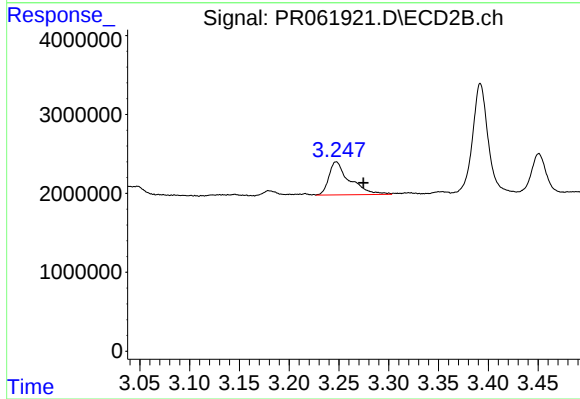
R.T.: 3.180 min
Delta R.T.: -0.008 min
Response: 587794
Conc: 16.39 ng/ml



#9 AR-1221-2

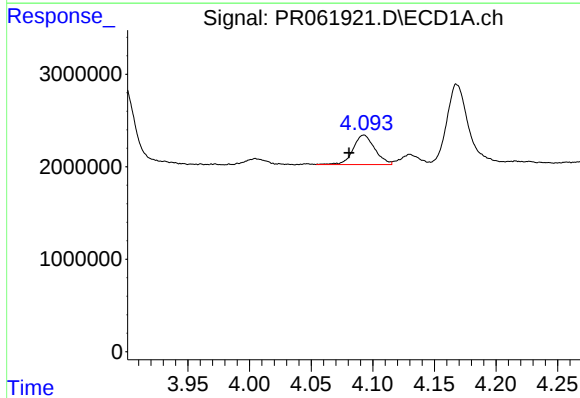
R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 806758
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



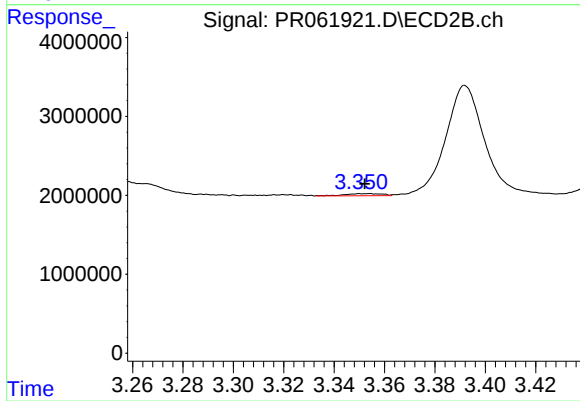
#9 AR-1221-2

R.T.: 3.247 min
Delta R.T.: -0.027 min
Response: 6071852
Conc: 220.68 ng/ml



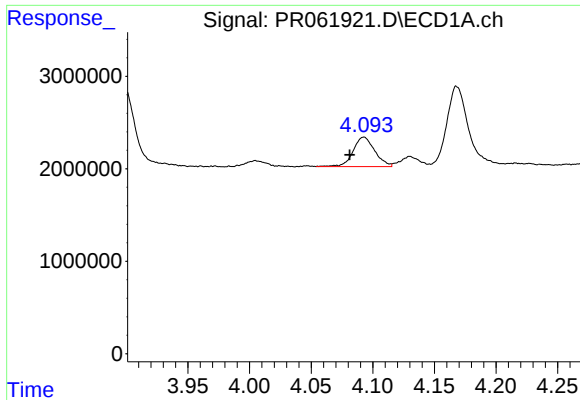
#10 AR-1221-3

R.T.: 4.093 min
Delta R.T.: 0.012 min
Response: 3905331
Conc: 64.47 ng/ml



#10 AR-1221-3

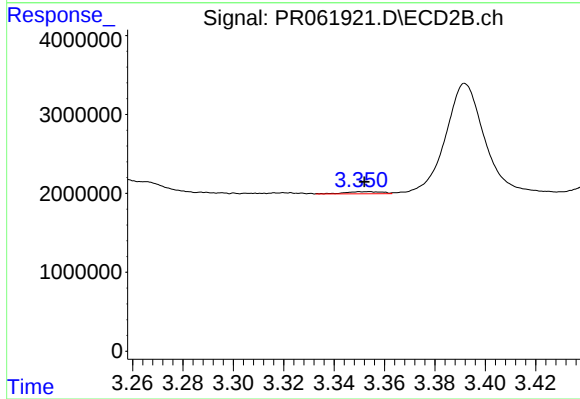
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 267945
Conc: 3.32 ng/ml



#11 AR-1232-1

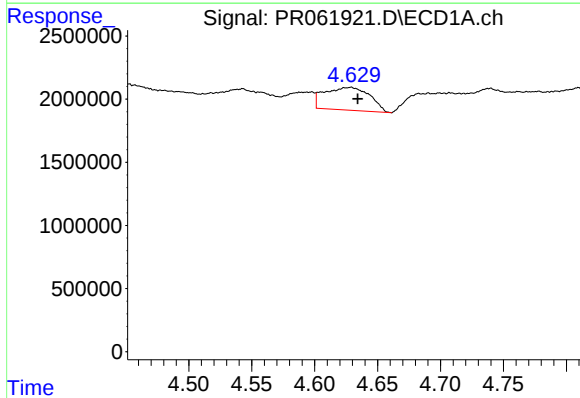
R.T.: 4.093 min
Delta R.T.: 0.011 min
Response: 3905331
Conc: 85.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



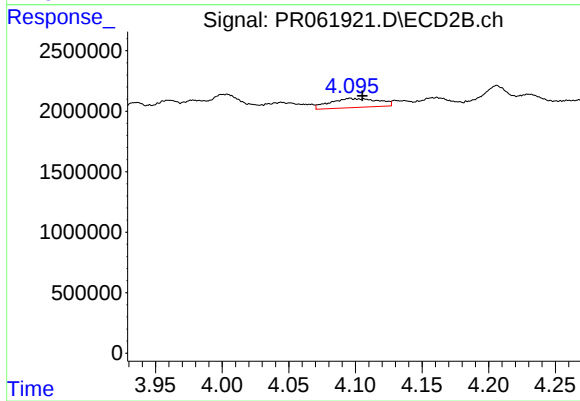
#11 AR-1232-1

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 267945
Conc: 4.44 ng/ml



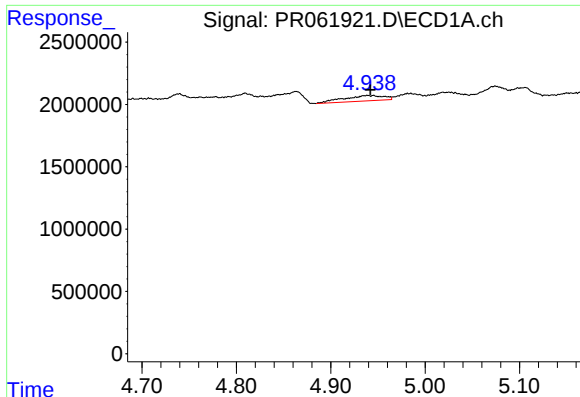
#12 AR-1232-2

R.T.: 4.629 min
Delta R.T.: -0.006 min
Response: 4518537
Conc: 170.03 ng/ml



#12 AR-1232-2

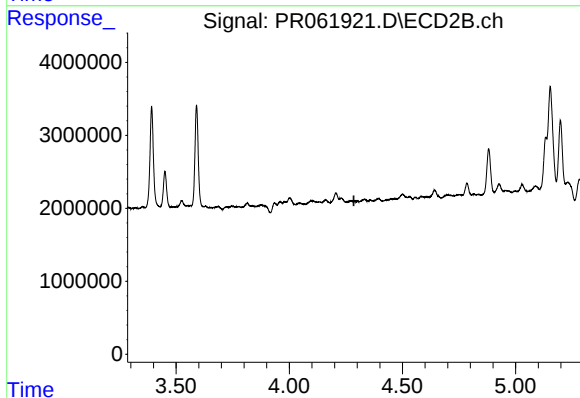
R.T.: 4.096 min
Delta R.T.: -0.010 min
Response: 1909832
Conc: 30.77 ng/ml



#13 AR-1232-3

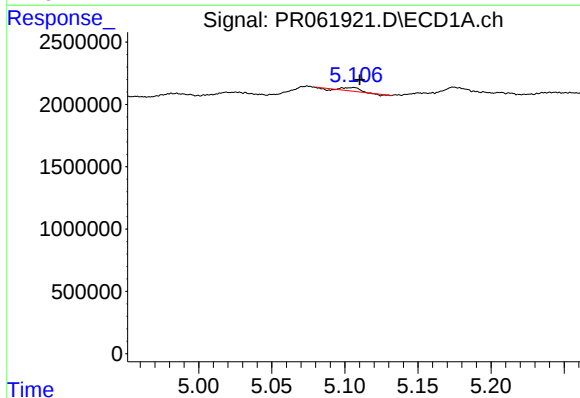
R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 1299855
Conc: 28.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



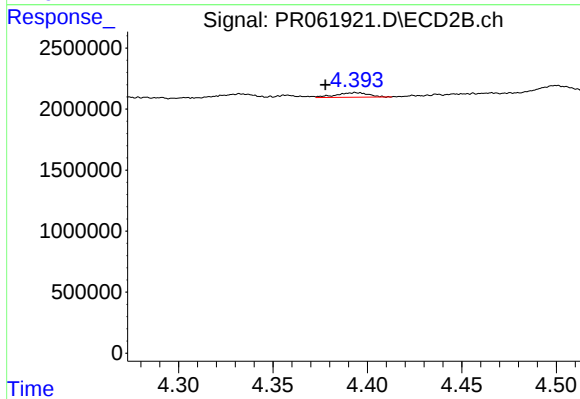
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



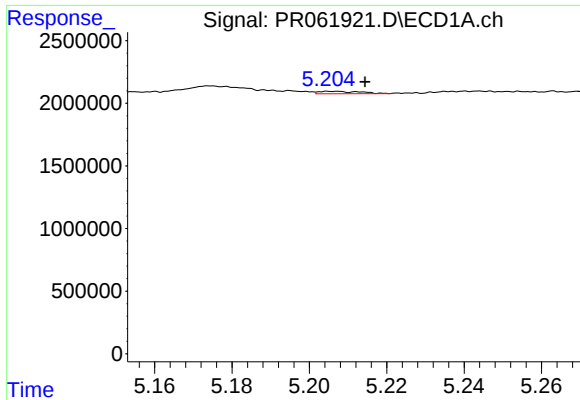
#14 AR-1232-4

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 159902
Conc: 7.00 ng/ml



#14 AR-1232-4

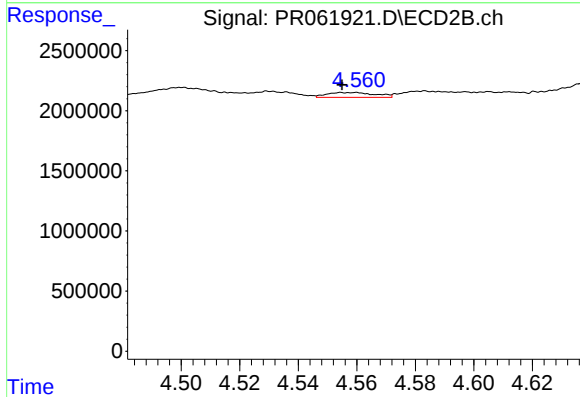
R.T.: 4.394 min
Delta R.T.: 0.016 min
Response: 446975
Conc: 14.24 ng/ml



#15 AR-1232-5

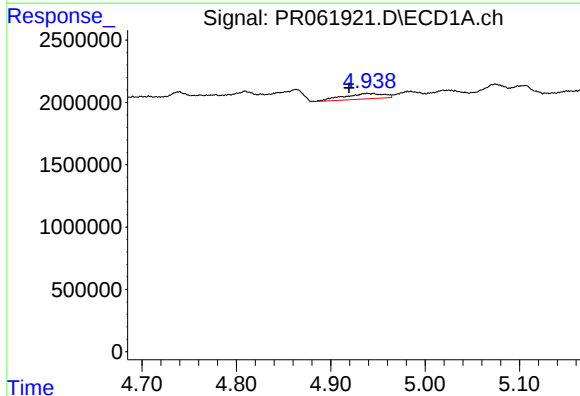
R.T.: 5.206 min
Delta R.T.: -0.008 min
Response: 151075
Conc: 8.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



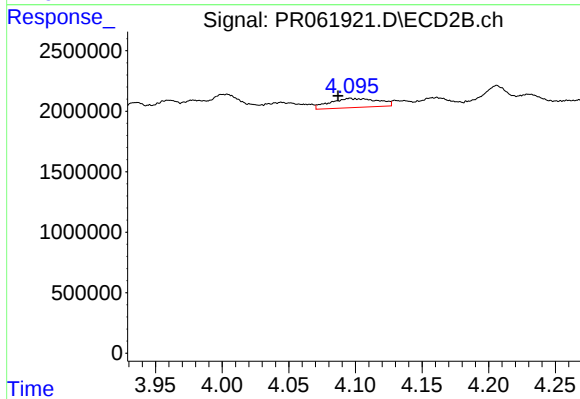
#15 AR-1232-5

R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 455978
Conc: 12.66 ng/ml



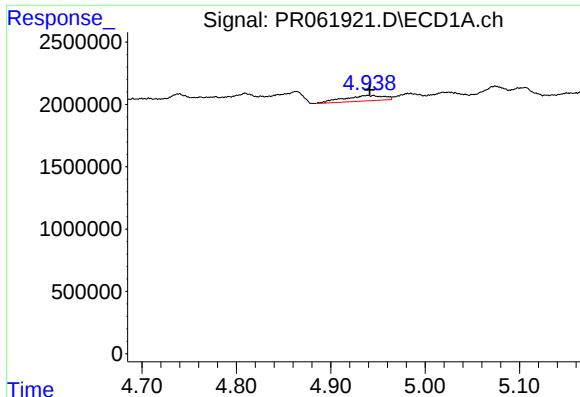
#16 AR-1242-1

R.T.: 4.939 min
Delta R.T.: 0.020 min
Response: 1299855
Conc: 23.43 ng/ml



#16 AR-1242-1

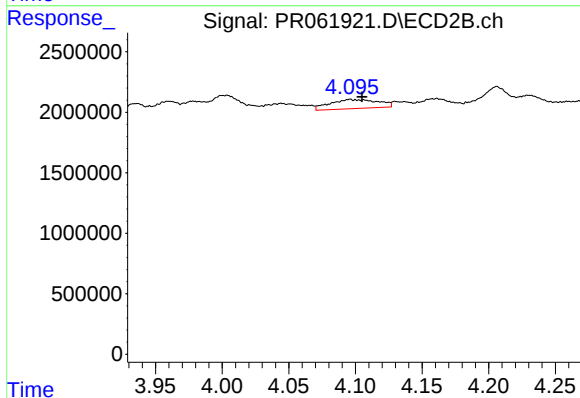
R.T.: 4.096 min
Delta R.T.: 0.009 min
Response: 1909832
Conc: 25.09 ng/ml



#17 AR-1242-2

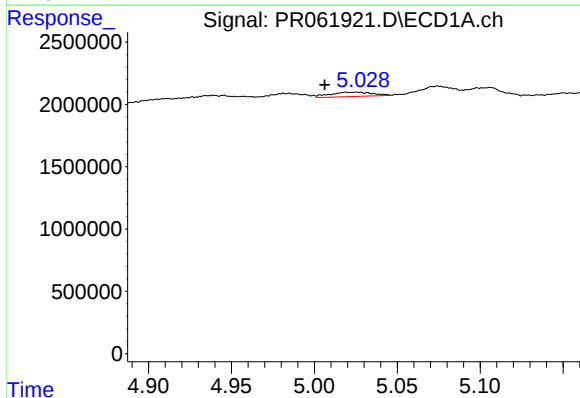
R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 1299855
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



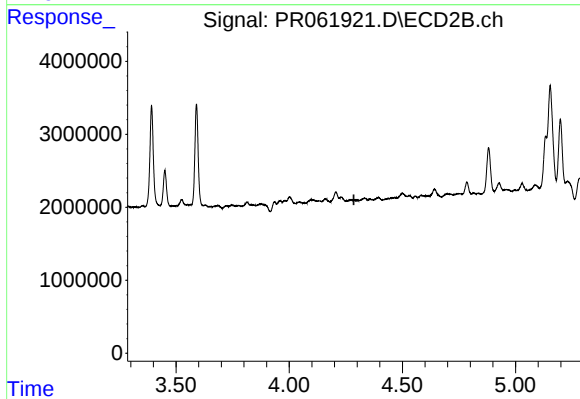
#17 AR-1242-2

R.T.: 4.096 min
Delta R.T.: -0.009 min
Response: 1909832
Conc: 18.34 ng/ml



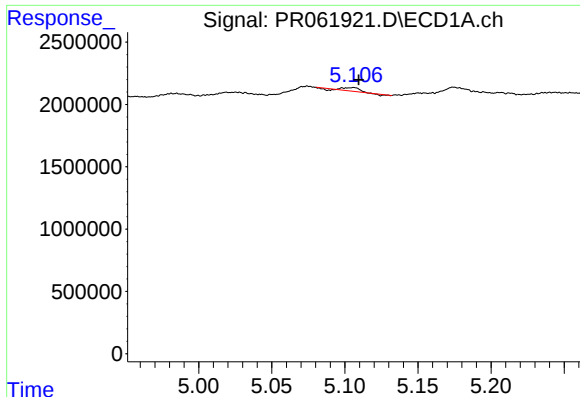
#18 AR-1242-3

R.T.: 5.025 min
Delta R.T.: 0.019 min
Response: 627295
Conc: 12.53 ng/ml



#18 AR-1242-3

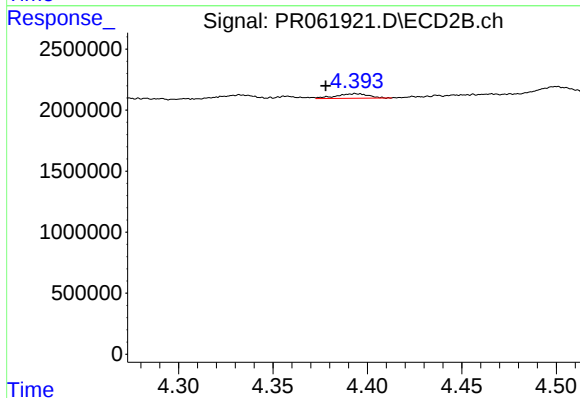
R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



#19 AR-1242-4

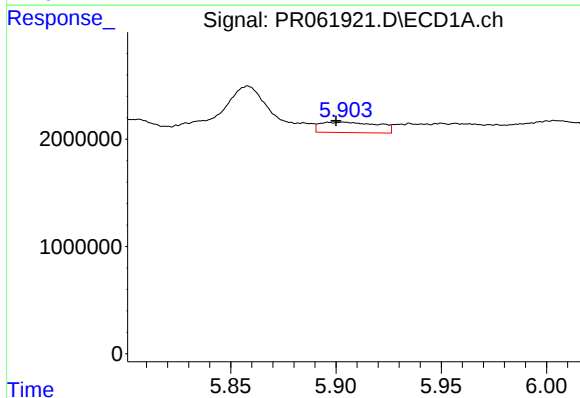
R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 159902
Conc: 3.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



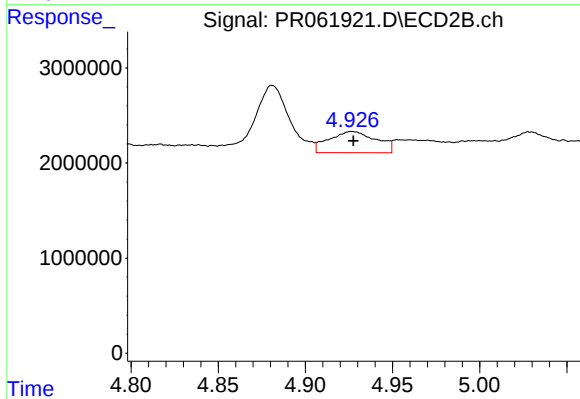
#19 AR-1242-4

R.T.: 4.394 min
Delta R.T.: 0.016 min
Response: 446975
Conc: 7.53 ng/ml



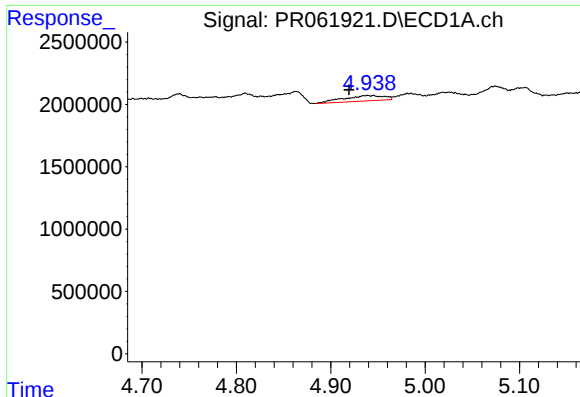
#20 AR-1242-5

R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 1860237
Conc: 47.20 ng/ml



#20 AR-1242-5

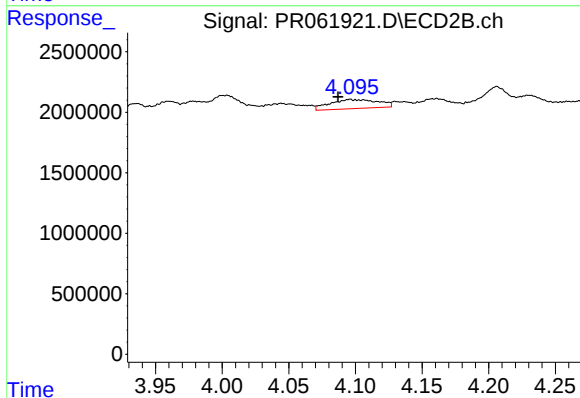
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 4226145
Conc: 53.75 ng/ml



#21 AR-1248-1

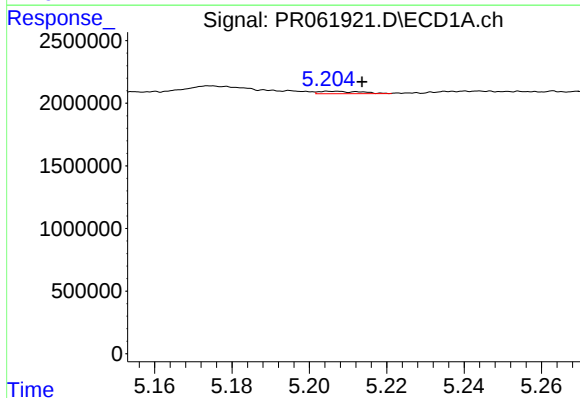
R.T.: 4.939 min
Delta R.T.: 0.019 min
Response: 1299855
Conc: 30.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



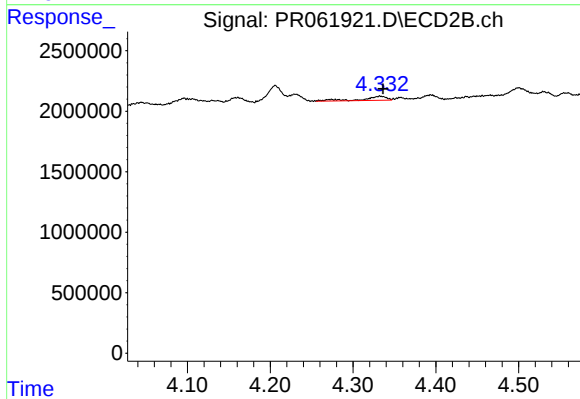
#21 AR-1248-1

R.T.: 4.096 min
Delta R.T.: 0.009 min
Response: 1909832
Conc: 31.21 ng/ml



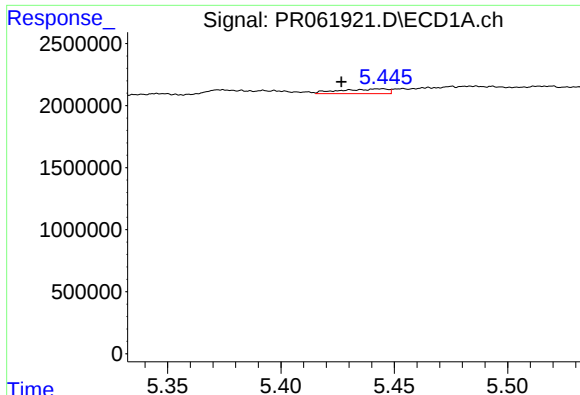
#22 AR-1248-2

R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 151075
Conc: 2.44 ng/ml



#22 AR-1248-2

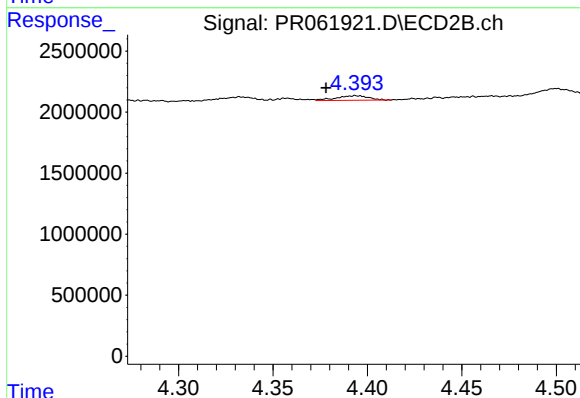
R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 673228
Conc: 7.81 ng/ml



#23 AR-1248-3

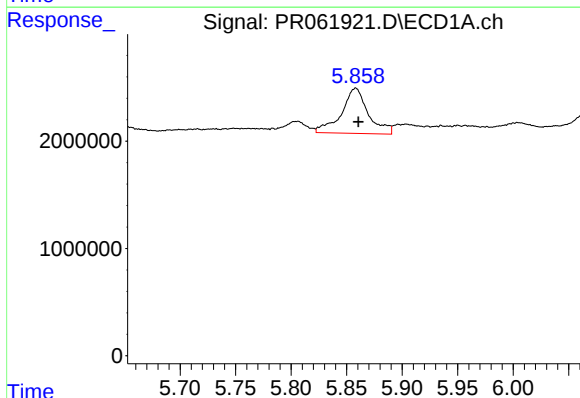
R.T.: 5.444 min
Delta R.T.: 0.018 min
Response: 562623
Conc: 7.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



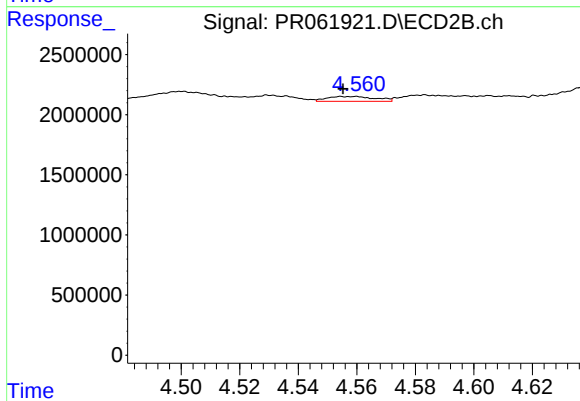
#23 AR-1248-3

R.T.: 4.394 min
Delta R.T.: 0.016 min
Response: 446975
Conc: 5.02 ng/ml



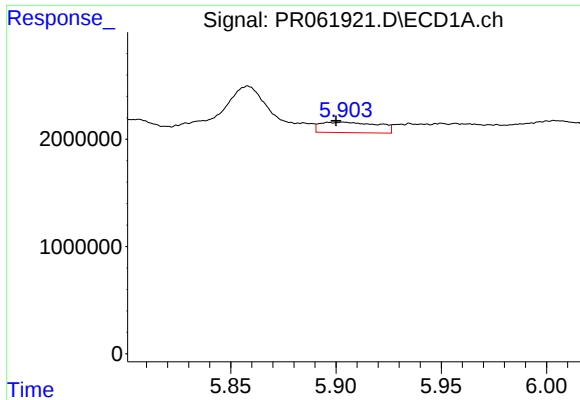
#24 AR-1248-4

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 7115347
Conc: 97.37 ng/ml



#24 AR-1248-4

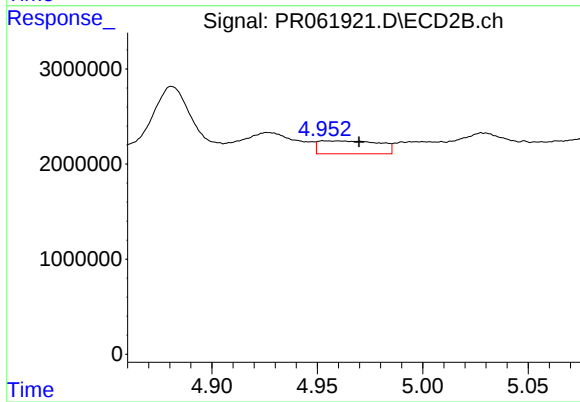
R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 455978
Conc: 4.23 ng/ml



#25 AR-1248-5

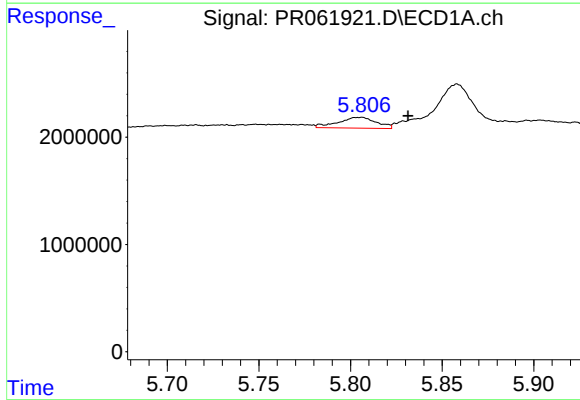
R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 1860237
Conc: 26.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



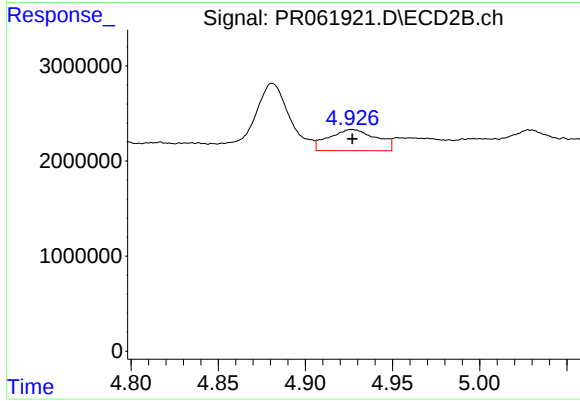
#25 AR-1248-5

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 2711157
Conc: 25.34 ng/ml



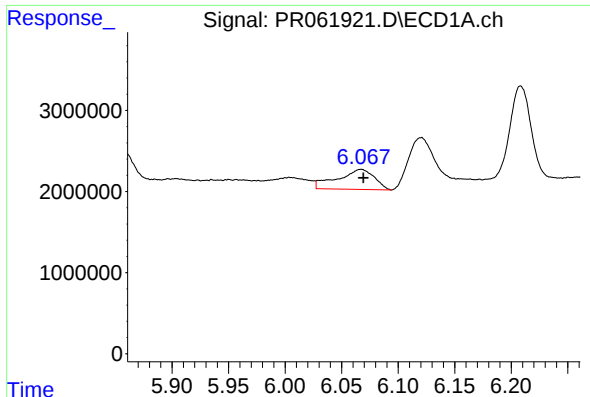
#26 AR-1254-1

R.T.: 5.805 min
Delta R.T.: -0.026 min
Response: 1472219
Conc: 18.45 ng/ml



#26 AR-1254-1

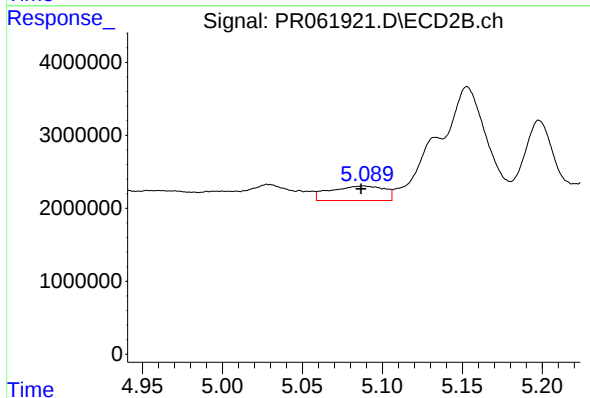
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 4226145
Conc: 26.49 ng/ml



#27 AR-1254-2

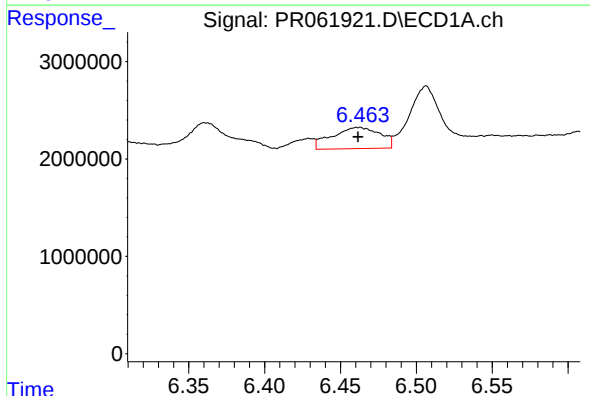
R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 5621458
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



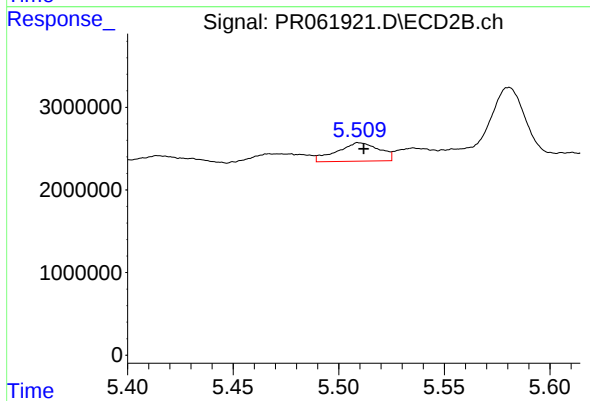
#27 AR-1254-2

R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 4677591
Conc: 32.21 ng/ml



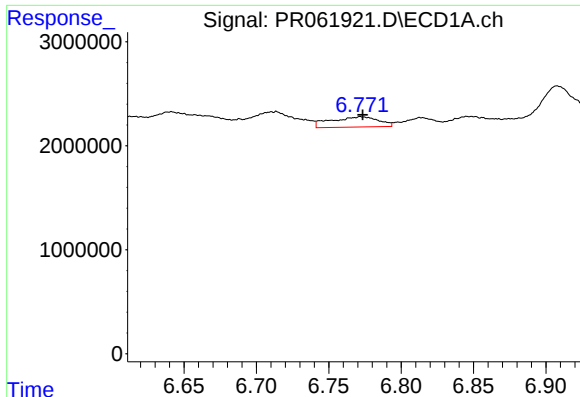
#28 AR-1254-3

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 4804971
Conc: 41.91 ng/ml



#28 AR-1254-3

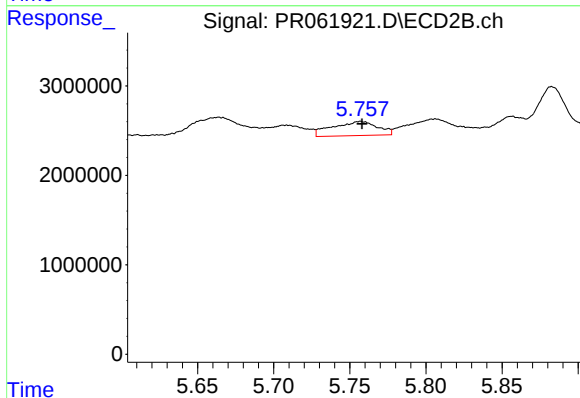
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 3115390
Conc: 13.17 ng/ml



#29 AR-1254-4

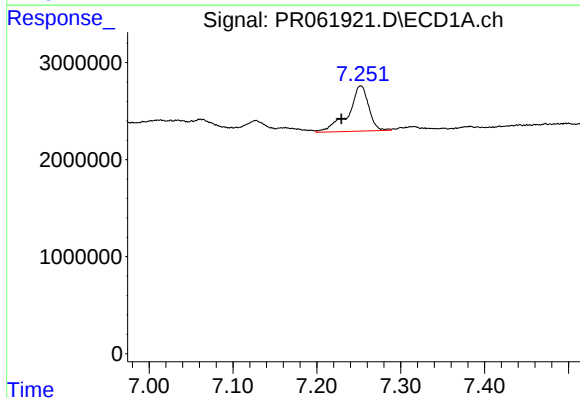
R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 2265618
Conc: 28.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



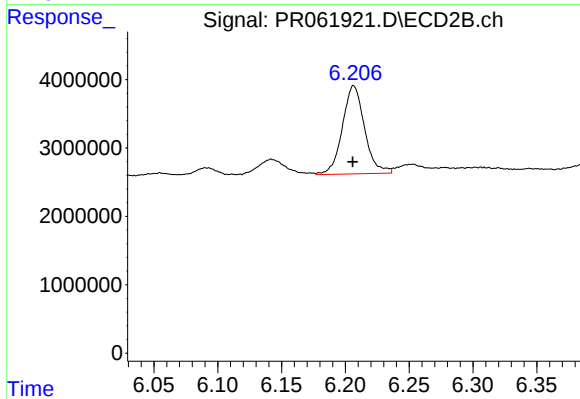
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 3266502
Conc: 21.45 ng/ml



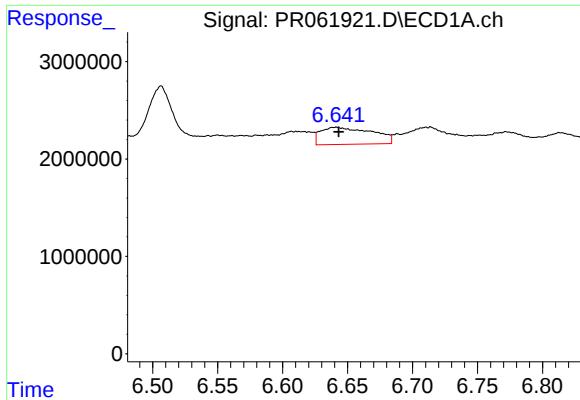
#30 AR-1254-5

R.T.: 7.252 min
Delta R.T.: 0.023 min
Response: 7889304
Conc: 87.95 ng/ml



#30 AR-1254-5

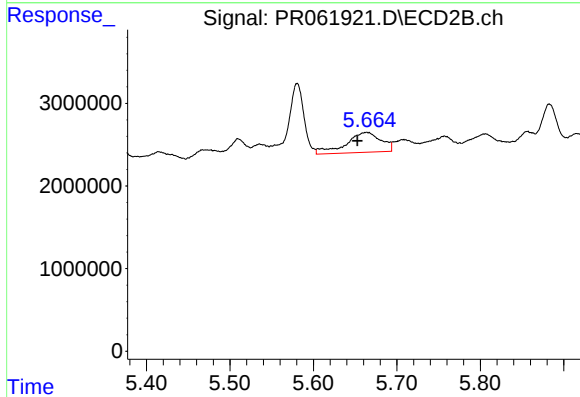
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 15608804
Conc: 63.66 ng/ml



#31 AR-1260-1

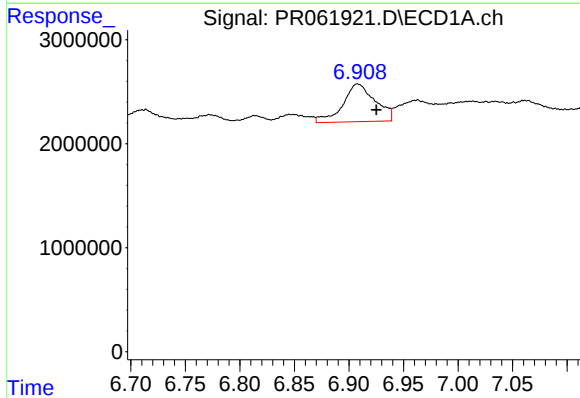
R.T.: 6.641 min
Delta R.T.: -0.003 min
Response: 4866004
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



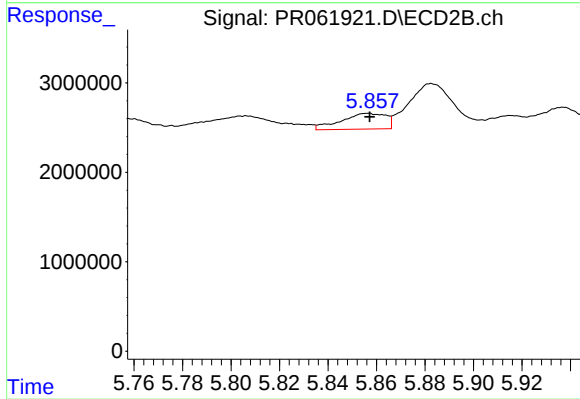
#31 AR-1260-1

R.T.: 5.664 min
Delta R.T.: 0.011 min
Response: 7070085
Conc: 40.73 ng/ml



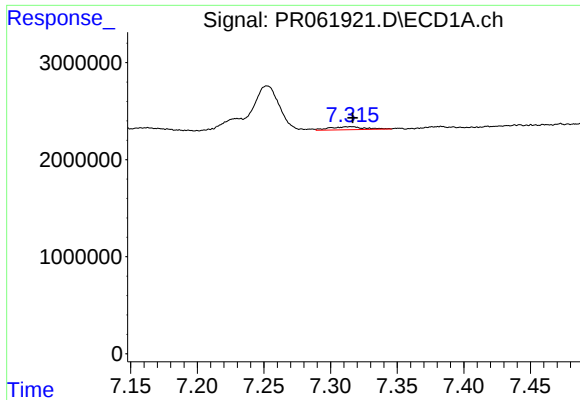
#32 AR-1260-2

R.T.: 6.908 min
Delta R.T.: -0.017 min
Response: 7455408
Conc: 67.65 ng/ml



#32 AR-1260-2

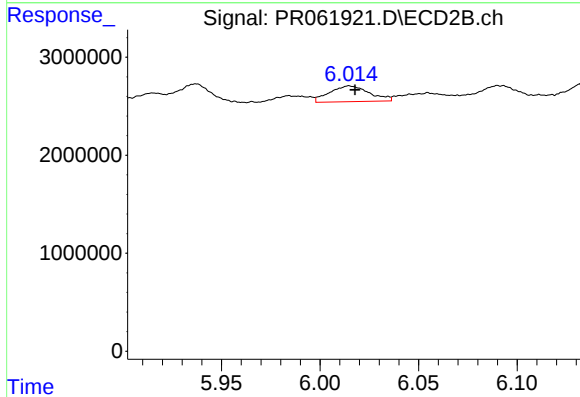
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 2253453
Conc: 10.24 ng/ml



#33 AR-1260-3

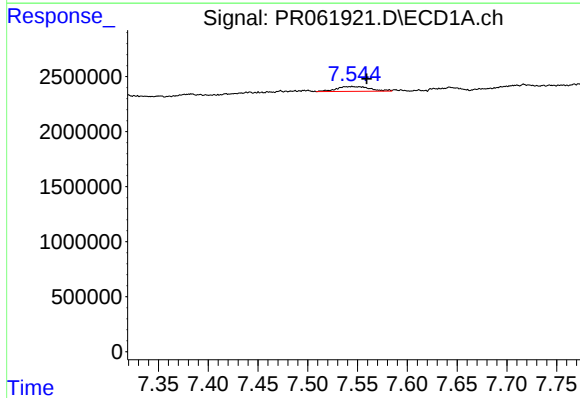
R.T.: 7.316 min
Delta R.T.: -0.001 min
Response: 585761
Conc: 8.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



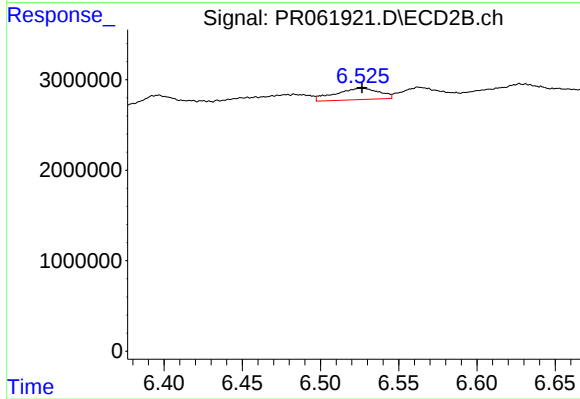
#33 AR-1260-3

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 2255926
Conc: 10.78 ng/ml



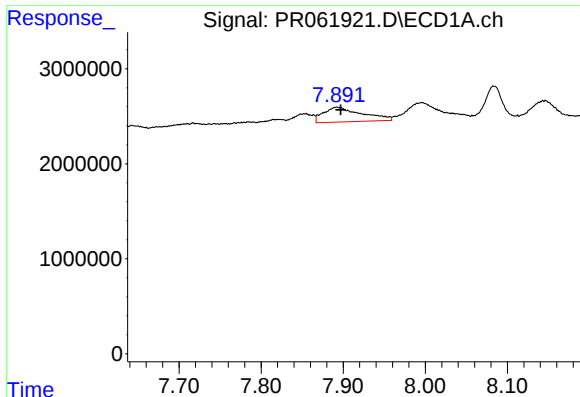
#34 AR-1260-4

R.T.: 7.544 min
Delta R.T.: -0.015 min
Response: 1041385
Conc: 12.72 ng/ml



#34 AR-1260-4

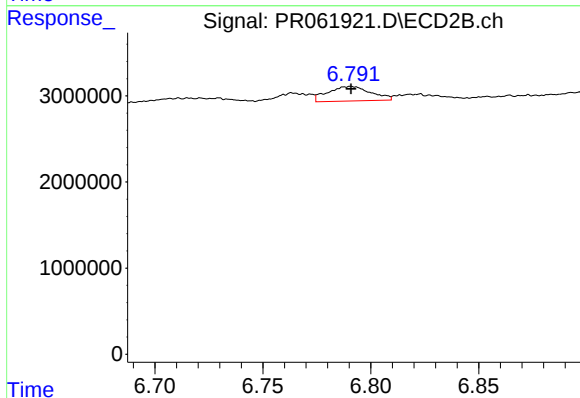
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 2458296
Conc: 15.56 ng/ml



#35 AR-1260-5

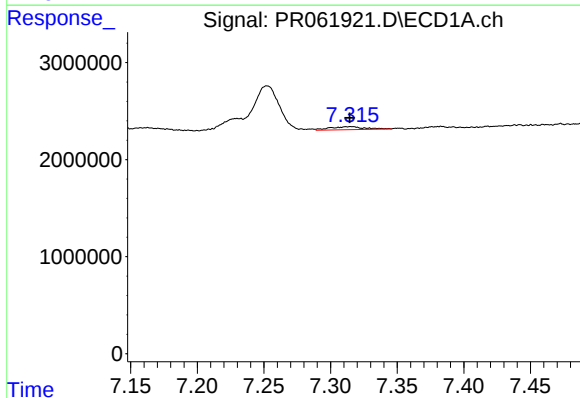
R.T.: 7.892 min
Delta R.T.: -0.005 min
Response: 5060961
Conc: 35.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



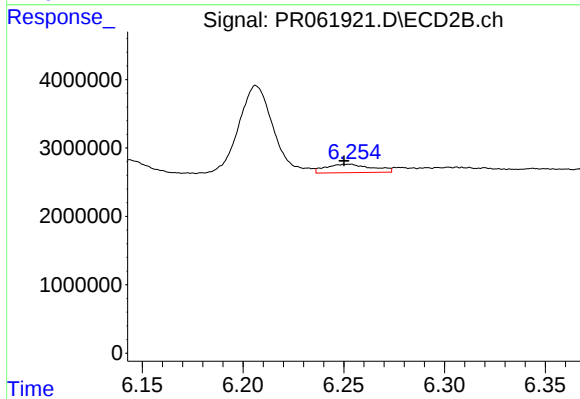
#35 AR-1260-5

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 2342455
Conc: 6.31 ng/ml



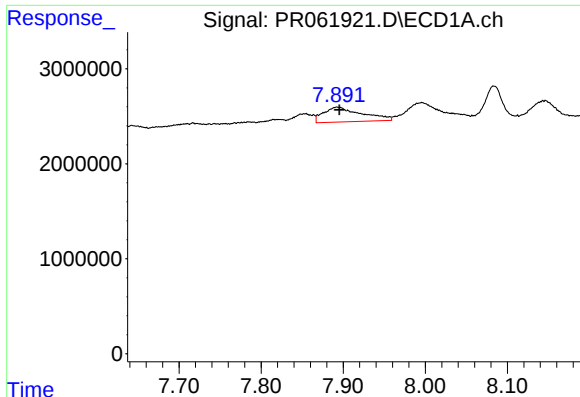
#36 AR-1262-1

R.T.: 7.316 min
Delta R.T.: 0.001 min
Response: 585761
Conc: 5.46 ng/ml



#36 AR-1262-1

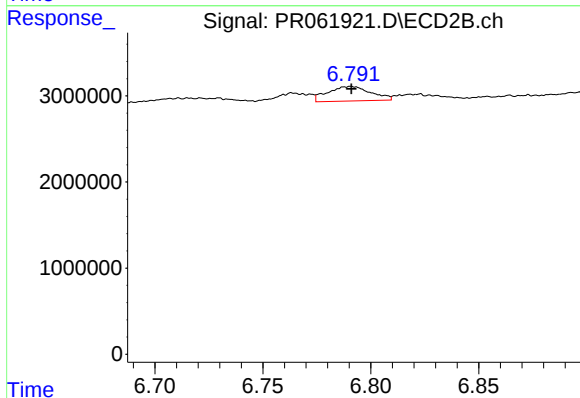
R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 1976552
Conc: 8.33 ng/ml



#37 AR-1262-2

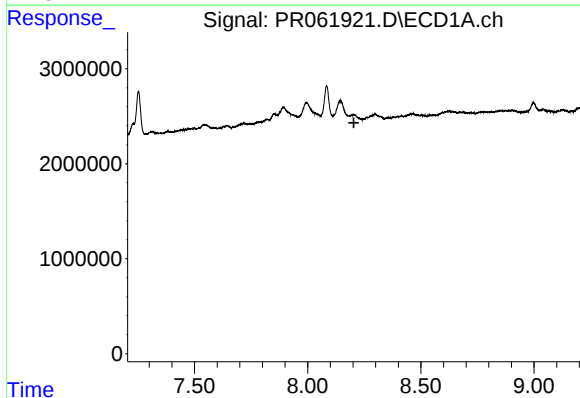
R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 5060961
Conc: 30.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



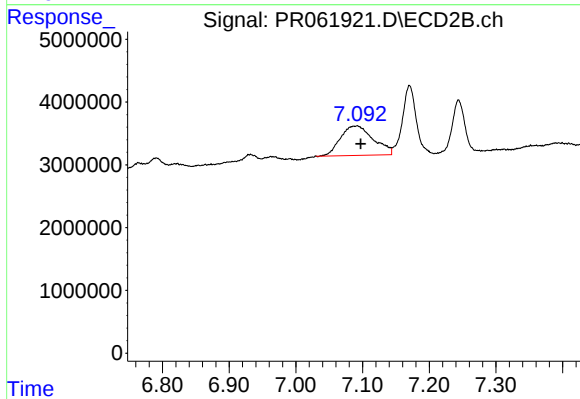
#37 AR-1262-2

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 2342455
Conc: 5.34 ng/ml



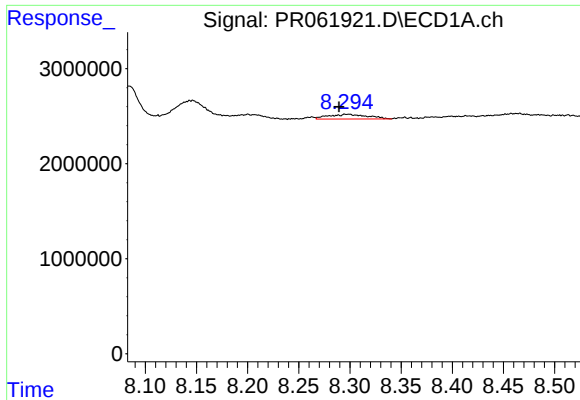
#38 AR-1262-3

R.T.: 8.200 min
Delta R.T.: -0.004 min
Response: -239100
Conc: N.D.



#38 AR-1262-3

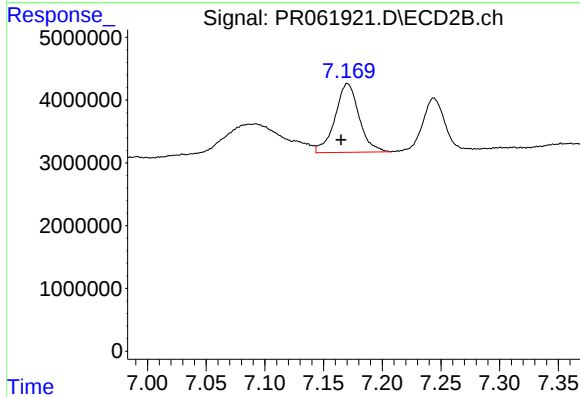
R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 16143451
Conc: 85.65 ng/ml



#39 AR-1262-4

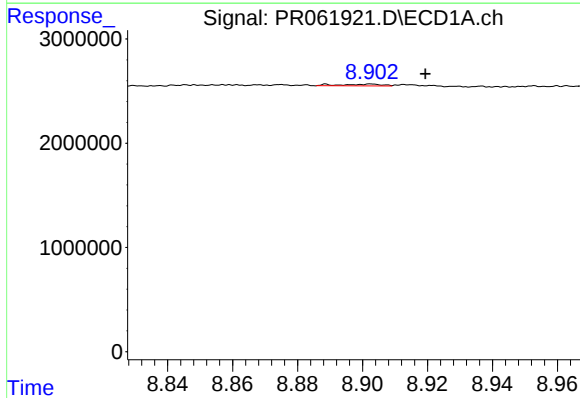
R.T.: 8.299 min
Delta R.T.: 0.009 min
Response: 1304024
Conc: 14.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



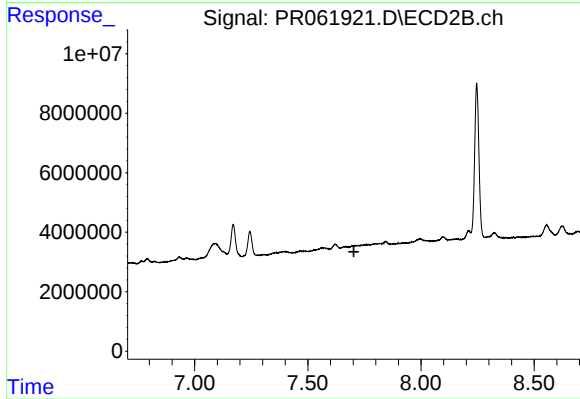
#39 AR-1262-4

R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 15558757
Conc: 46.26 ng/ml



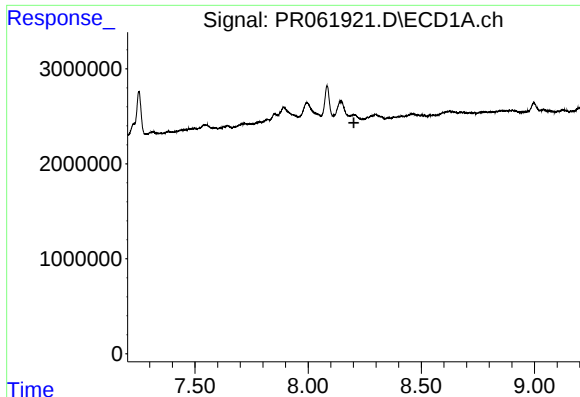
#40 AR-1262-5

R.T.: 8.903 min
Delta R.T.: -0.017 min
Response: 144637
Conc: 2.45 ng/ml



#40 AR-1262-5

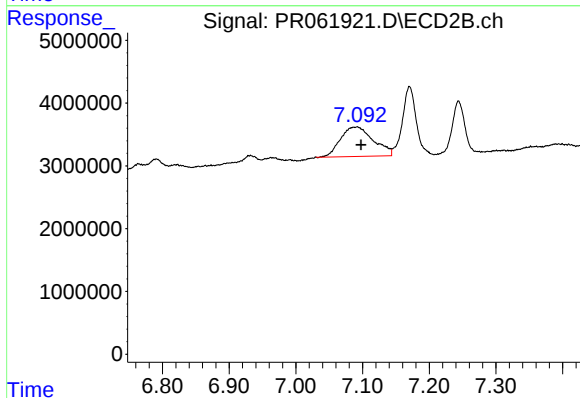
R.T.: 0.000 min
Exp R.T. : 7.703 min
Response: 0
Conc: N.D.



#41 AR-1268-1

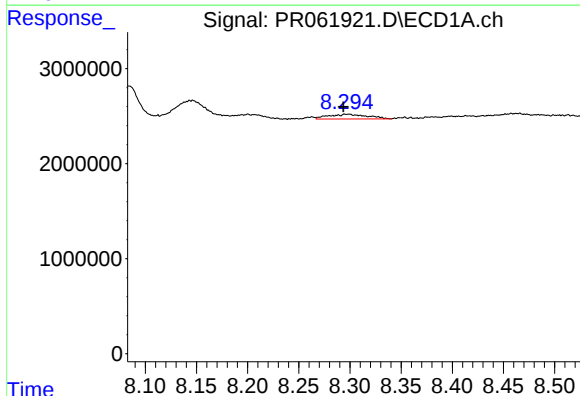
R.T.: 8.200 min
Delta R.T.: -0.002 min
Response: -239100
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



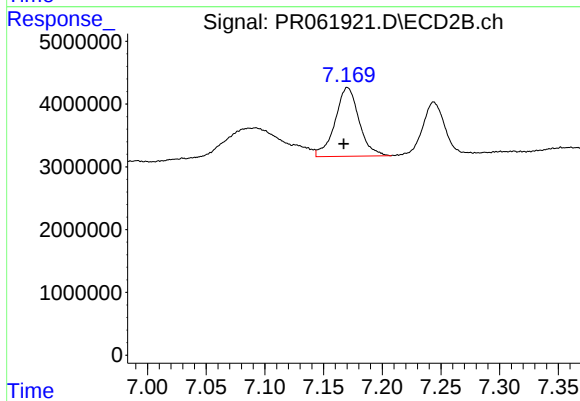
#41 AR-1268-1

R.T.: 7.092 min
Delta R.T.: -0.006 min
Response: 16143451
Conc: 31.38 ng/ml



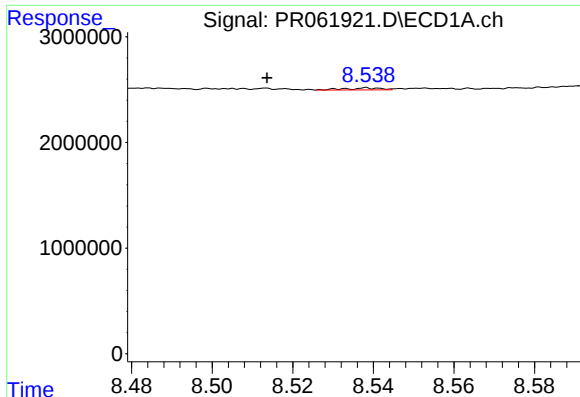
#42 AR-1268-2

R.T.: 8.299 min
Delta R.T.: 0.005 min
Response: 1304024
Conc: 7.16 ng/ml



#42 AR-1268-2

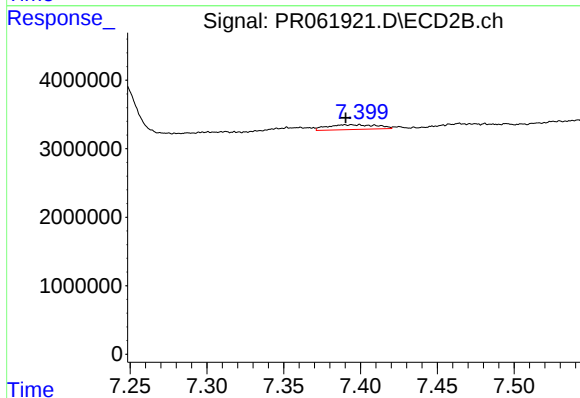
R.T.: 7.170 min
Delta R.T.: 0.003 min
Response: 15558757
Conc: 32.69 ng/ml



#43 AR-1268-3

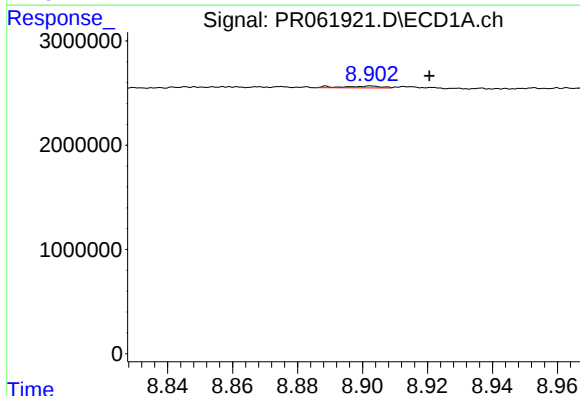
R.T.: 8.539 min
Delta R.T.: 0.025 min
Response: 117413
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



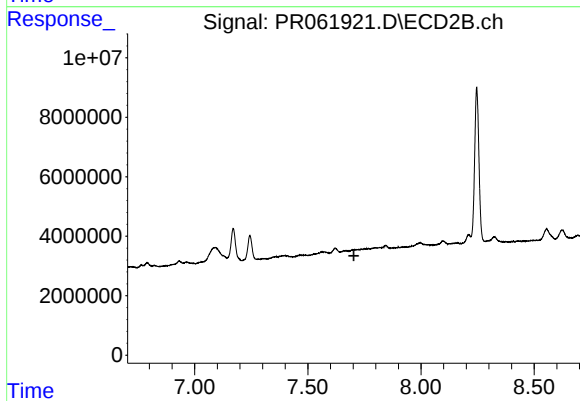
#43 AR-1268-3

R.T.: 7.399 min
Delta R.T.: 0.009 min
Response: 1566568
Conc: 3.83 ng/ml



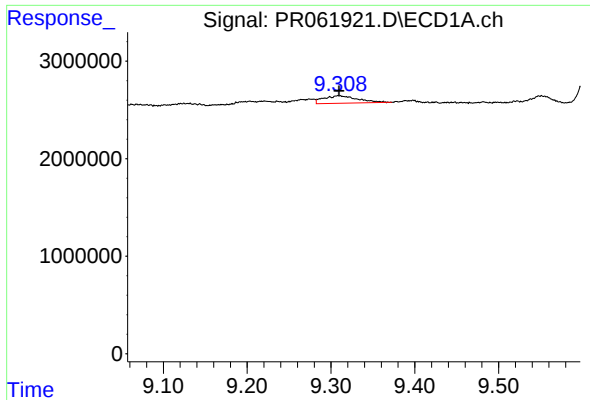
#44 AR-1268-4

R.T.: 8.903 min
Delta R.T.: -0.018 min
Response: 144637
Conc: 2.25 ng/ml



#44 AR-1268-4

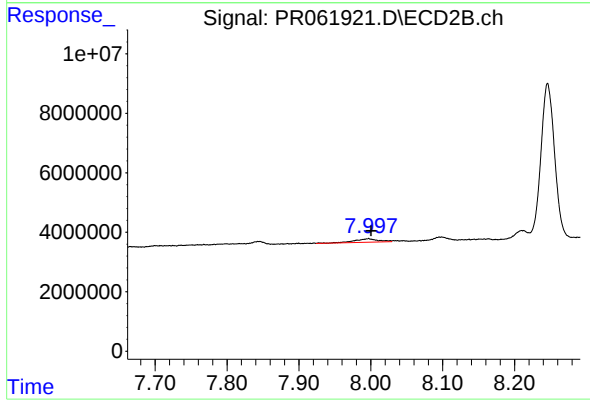
R.T.: 0.000 min
Exp R.T. : 7.704 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 2144298
Conc: 4.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 7.997 min
Delta R.T.: -0.003 min
Response: 2629176
Conc: 2.04 ng/ml