

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0011123\
 Data File : P0091954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 14:33
 Operator : YP/AJ
 Sample : 01086-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 01:25:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.444	3.655	34931607	69287944	12.524	49.906 #
2)	SA Decachlor...	10.350	8.703	6814948	3637228	3.481	4.102
Target Compounds							
3)	L1 AR-1016-1	5.604	4.735	26054929	415938	306.551	9.527 #
4)	L1 AR-1016-2	5.694f	4.782	17043965	8663328	135.507	137.609
5)	L1 AR-1016-3	5.726	4.977f	14895397	3404818	187.264	101.550 #
6)	L1 AR-1016-4	5.821	4.977	41223325	3404818	670.890	114.620 #
7)	L1 AR-1016-5	6.114	5.202	6771454	5952825	104.093	161.524 #
8)	L2 AR-1221-1	4.632	3.872	28216701	7223522	798.485	408.142 #
9)	L2 AR-1221-2	4.721	3.942	17235664	920827	678.587	70.500 #
10)	L2 AR-1221-3	4.805	4.005	5157169	32134372	66.454	828.690 #
11)	L3 AR-1232-1	4.805	4.005	5157169	32134372	76.960	941.414 #
12)	L3 AR-1232-2	5.357	4.782	8297539	8663328	255.672	299.346
13)	L3 AR-1232-3	5.694f	4.977f	17043965	3404818	297.359	225.581
14)	L3 AR-1232-4	5.821	5.019	41223325	760725	1525.309	50.491 #
15)	L3 AR-1232-5	5.908	5.202	6558423	5952825	273.371	364.015 #
16)	L4 AR-1242-1	5.604	4.735	26054929	415938	365.123	11.142 #
17)	L4 AR-1242-2	5.694f	4.782	17043965	8663328	161.305	163.003
18)	L4 AR-1242-3	5.726	4.977f	14895397	3404818	221.002	118.997 #
19)	L4 AR-1242-4	5.821	5.019	41223325	760725	795.264	24.748 #
20)	L4 AR-1242-5	6.536	5.544	356.6E6	8161680	7043.369	247.484 #
21)	L5 AR-1248-1	5.604	4.735	26054929	415938	476.060	14.585 #
22)	L5 AR-1248-2	5.908	4.977	6558423	3404818	75.822	76.764
23)	L5 AR-1248-3	6.114	5.019	6771454	760725	73.602	16.698 #
24)	L5 AR-1248-4	6.536	5.202	356.6E6	5952825	4009.170	114.166 #
25)	L5 AR-1248-5	6.536	5.584	356.6E6	739791	4122.185	16.727 #
26)	L6 AR-1254-1	6.498	5.544	8058523	8161680	77.889	110.548 #
27)	L6 AR-1254-2	6.723	5.706	8963248	6550338	59.132	100.242 #
28)	L6 AR-1254-3	7.095	6.099	15447865	5801829	103.306	59.775 #
29)	L6 AR-1254-4	7.383	6.330	1594587	1951474	16.778	40.265 #
30)	L6 AR-1254-5	7.801	6.806f	2424889	298253	19.547	3.873 #
31)	L7 AR-1260-1	7.262	6.232	872436	2348176	7.266	36.111 #
32)	L7 AR-1260-2	7.498	6.445	4384335	1856304	34.130	25.342 #
33)	L7 AR-1260-3	7.898	6.575	1550001	292862	14.864	4.095 #
34)	L7 AR-1260-4	8.133	7.105f	2838495	2778967	24.585	51.578 #
35)	L7 AR-1260-5	8.451	7.289	1559446	2033510	7.807	18.123 #
36)	L8 AR-1262-1	7.898	6.806	1550001	298253	12.025	3.893 #
37)	L8 AR-1262-2	8.451	7.289	1559446	2033510	8.036	17.564 #
38)	L8 AR-1262-3	8.766	7.544f	3936333	255448	27.907	5.713 #
39)	L8 AR-1262-4	8.873	7.641	16919984	701469	200.755	8.448 #
40)	L8 AR-1262-5	9.521f	8.171	8555505	2633354	119.221	72.272 #
41)	L9 AR-1268-1	8.766	7.544f	3936333	255448	13.718	1.676 #

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 Operator : YP/AJ
 Sample : 01086-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

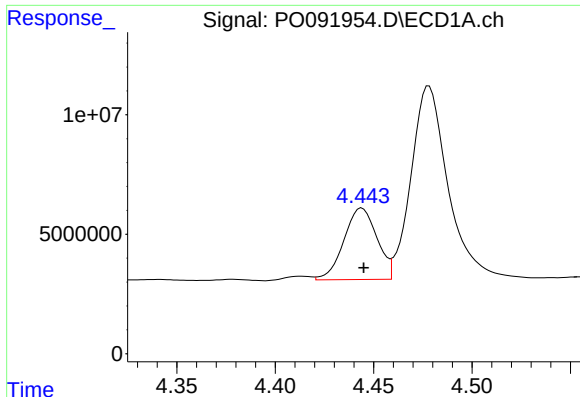
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 01:25:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.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	8.873	7.641	16919984	701469	58.207	5.126 #
43) L9	AR-1268-3	0.000	7.897f	0	2869847	N.D.	22.596 #
44) L9	AR-1268-4	9.602f	8.171	504159	2633354	5.599	55.600 #
45) L9	AR-1268-5	0.000	8.442	0	1357800	N.D.	3.642 #

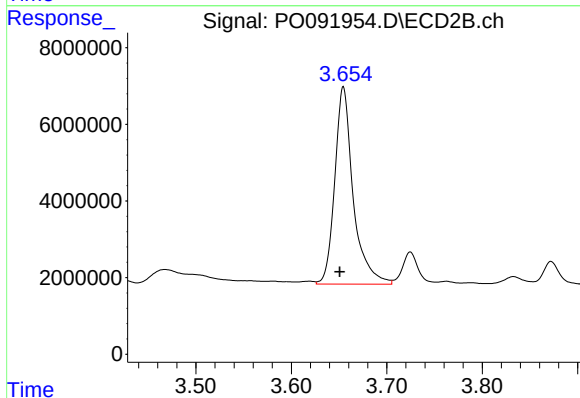
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

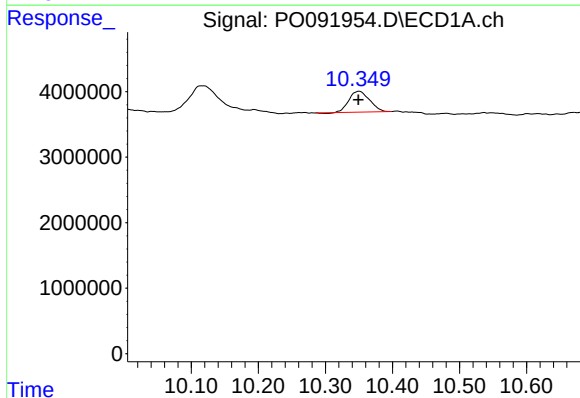
R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 34931607
Conc: 12.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



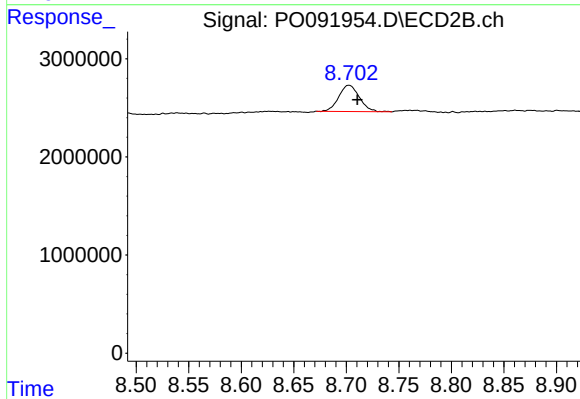
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.004 min
Response: 69287944
Conc: 49.91 ng/ml



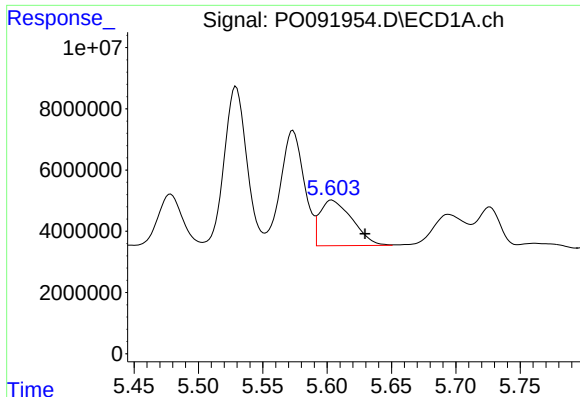
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.000 min
Response: 6814948
Conc: 3.48 ng/ml



#2 Decachlorobiphenyl

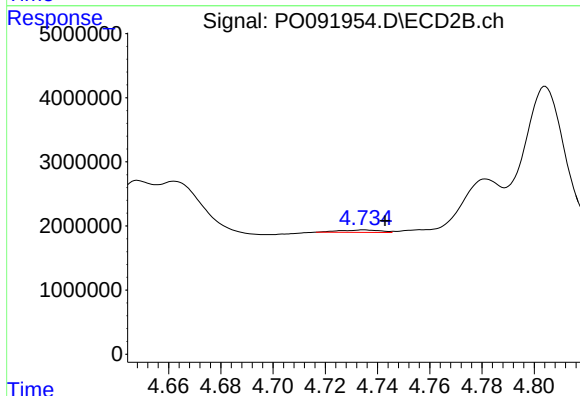
R.T.: 8.703 min
Delta R.T.: -0.008 min
Response: 3637228
Conc: 4.10 ng/ml



#3 AR-1016-1

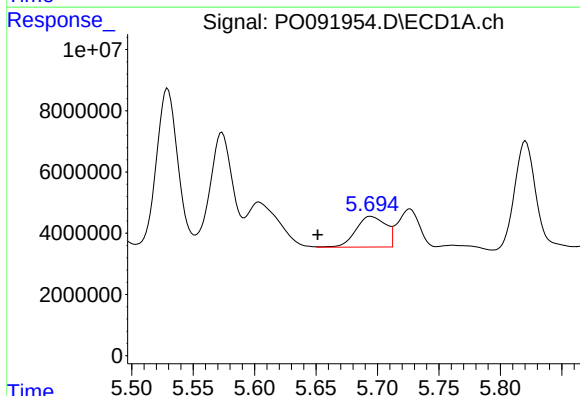
R.T.: 5.604 min
Delta R.T.: -0.026 min
Response: 26054929
Conc: 306.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



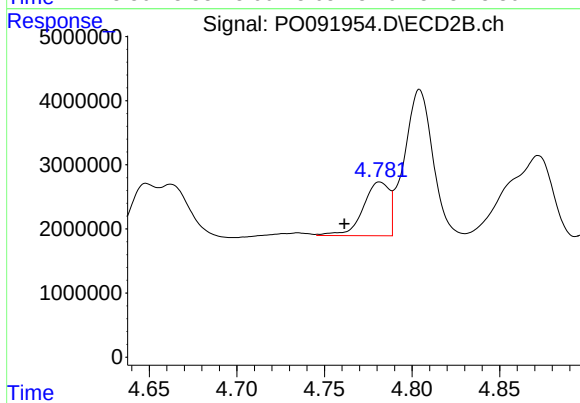
#3 AR-1016-1

R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 415938
Conc: 9.53 ng/ml



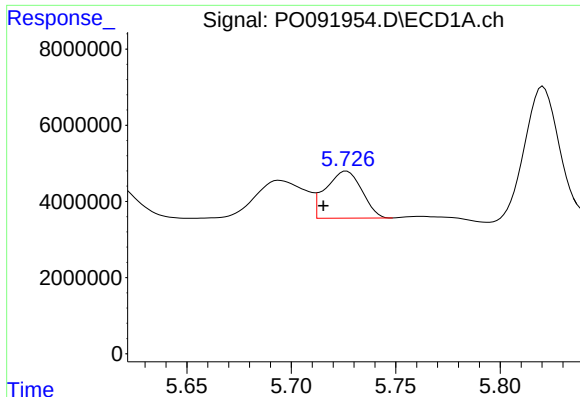
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.043 min
Response: 17043965
Conc: 135.51 ng/ml



#4 AR-1016-2

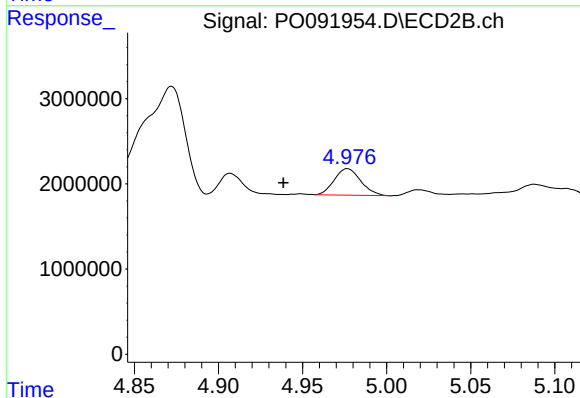
R.T.: 4.782 min
Delta R.T.: 0.020 min
Response: 8663328
Conc: 137.61 ng/ml



#5 AR-1016-3

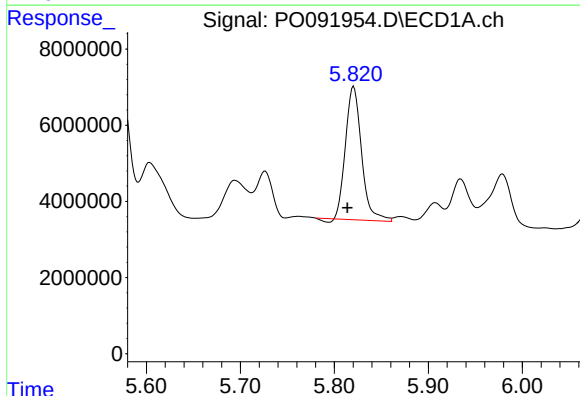
R.T.: 5.726 min
Delta R.T.: 0.011 min
Response: 14895397
Conc: 187.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



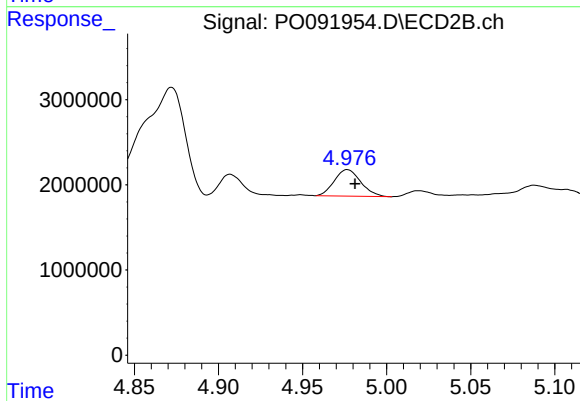
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: 0.038 min
Response: 3404818
Conc: 101.55 ng/ml



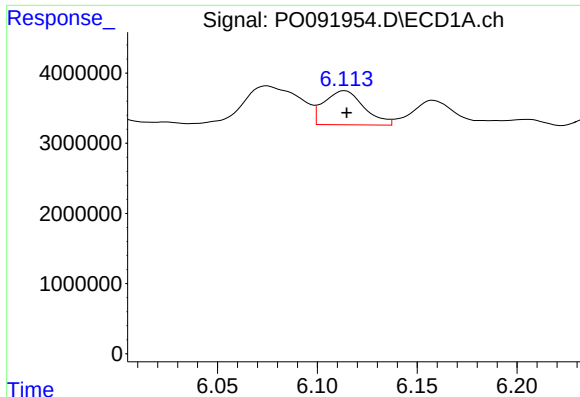
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: 0.007 min
Response: 41223325
Conc: 670.89 ng/ml



#6 AR-1016-4

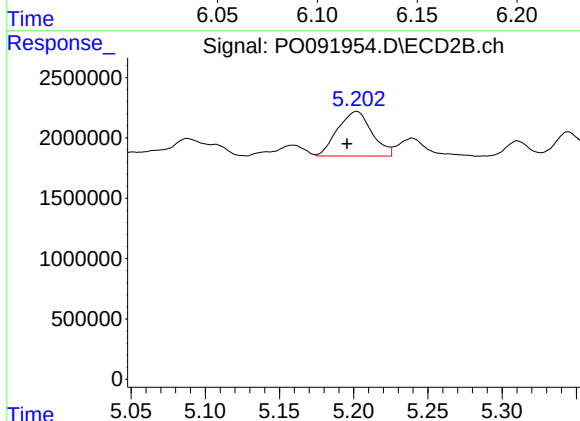
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 3404818
Conc: 114.62 ng/ml



#7 AR-1016-5

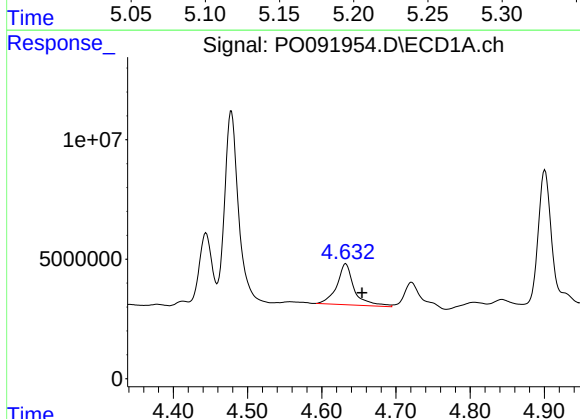
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 6771454
Conc: 104.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



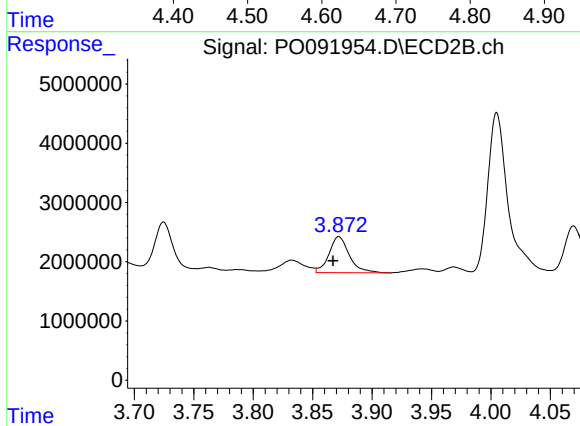
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: 0.006 min
Response: 5952825
Conc: 161.52 ng/ml



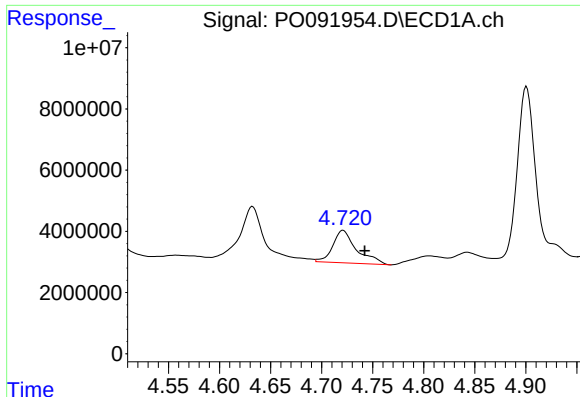
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.022 min
Response: 28216701
Conc: 798.48 ng/ml



#8 AR-1221-1

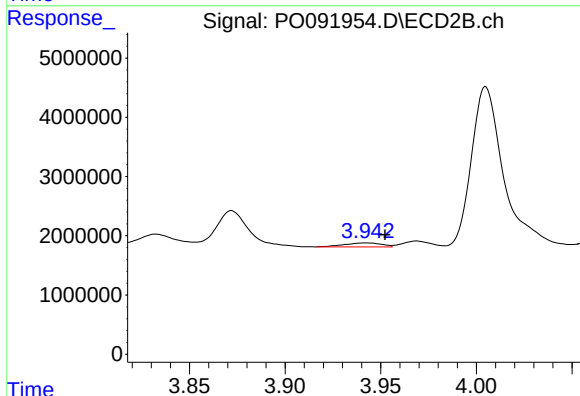
R.T.: 3.872 min
Delta R.T.: 0.005 min
Response: 7223522
Conc: 408.14 ng/ml



#9 AR-1221-2

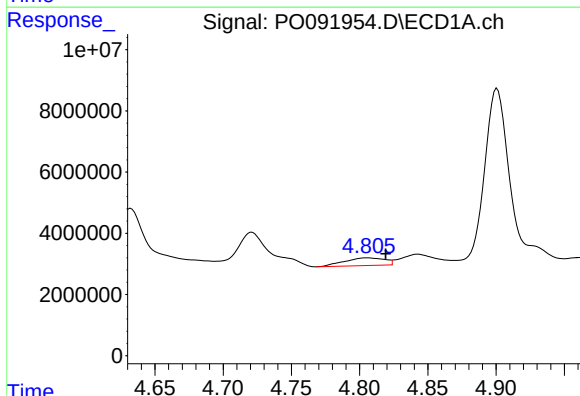
R.T.: 4.721 min
Delta R.T.: -0.021 min
Response: 17235664
Conc: 678.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



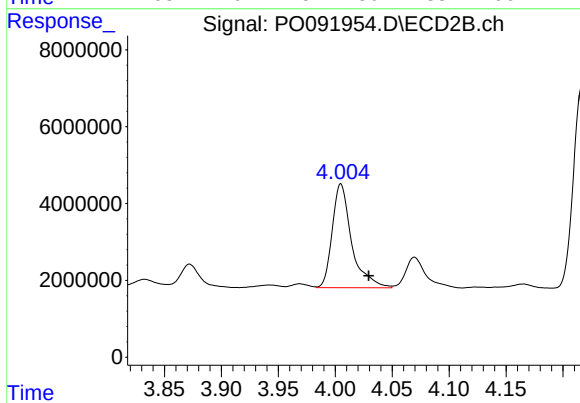
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.010 min
Response: 920827
Conc: 70.50 ng/ml



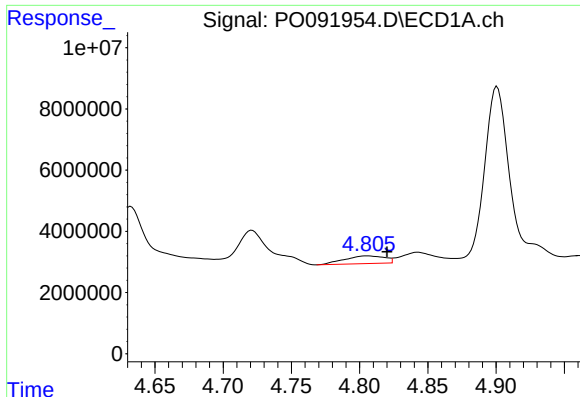
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: -0.014 min
Response: 5157169
Conc: 66.45 ng/ml



#10 AR-1221-3

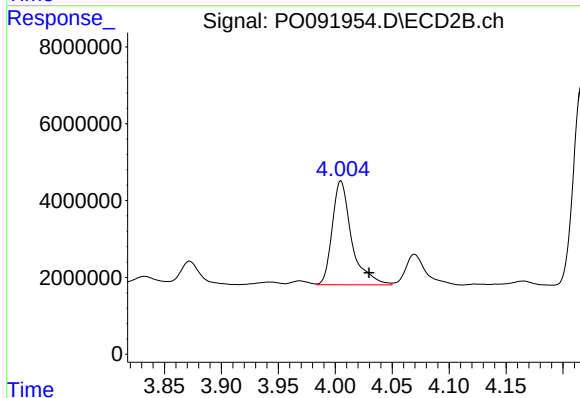
R.T.: 4.005 min
Delta R.T.: -0.024 min
Response: 32134372
Conc: 828.69 ng/ml



#11 AR-1232-1

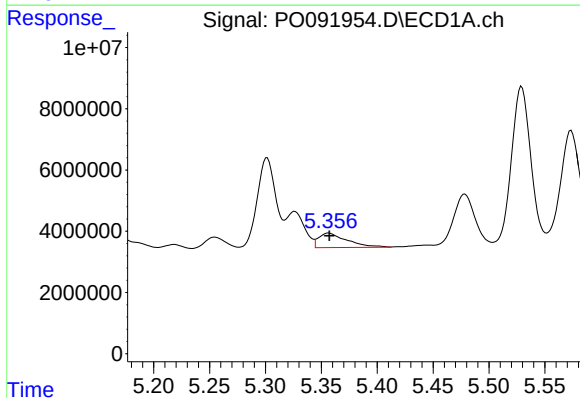
R.T.: 4.805 min
Delta R.T.: -0.015 min
Response: 5157169
Conc: 76.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



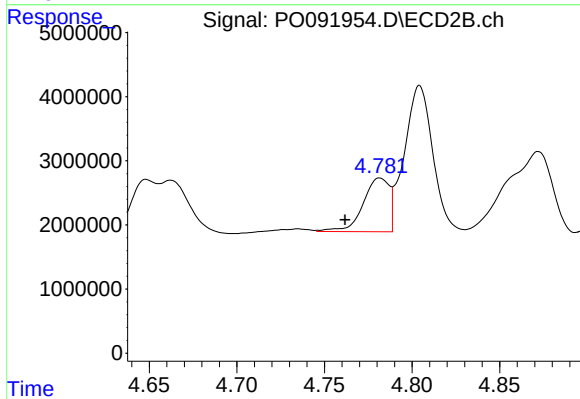
#11 AR-1232-1

R.T.: 4.005 min
Delta R.T.: -0.025 min
Response: 32134372
Conc: 941.41 ng/ml



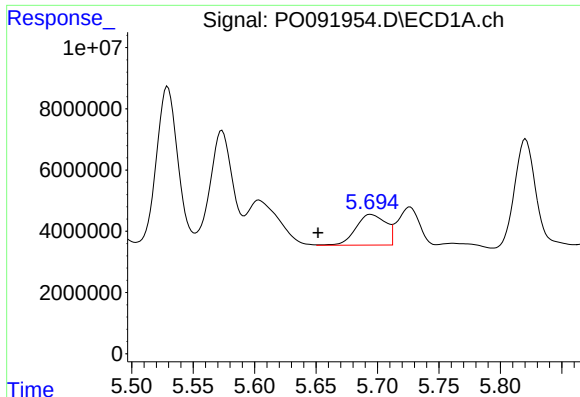
#12 AR-1232-2

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 8297539
Conc: 255.67 ng/ml



#12 AR-1232-2

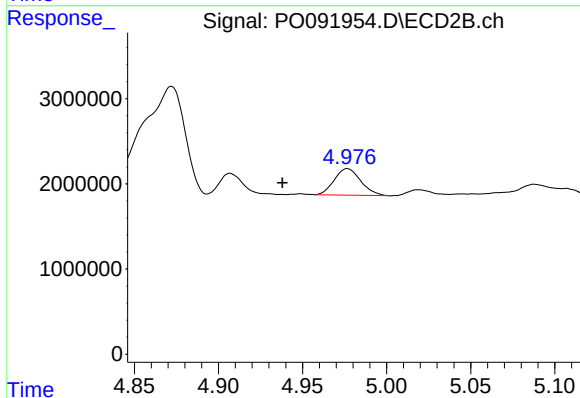
R.T.: 4.782 min
Delta R.T.: 0.020 min
Response: 8663328
Conc: 299.35 ng/ml



#13 AR-1232-3

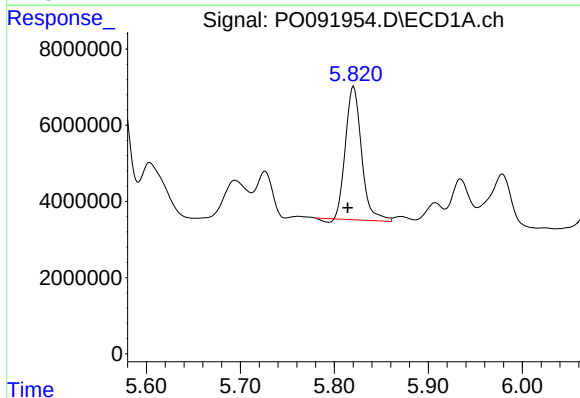
R.T.: 5.694 min
Delta R.T.: 0.043 min
Response: 17043965
Conc: 297.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



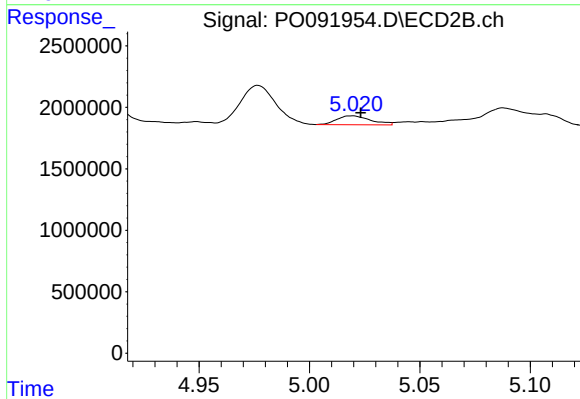
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: 0.039 min
Response: 3404818
Conc: 225.58 ng/ml



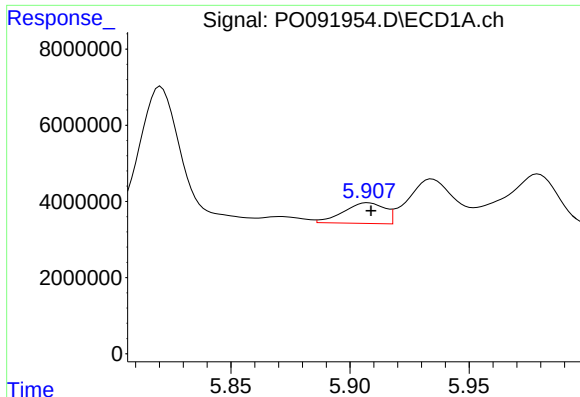
#14 AR-1232-4

R.T.: 5.821 min
Delta R.T.: 0.006 min
Response: 41223325
Conc: 1525.31 ng/ml



#14 AR-1232-4

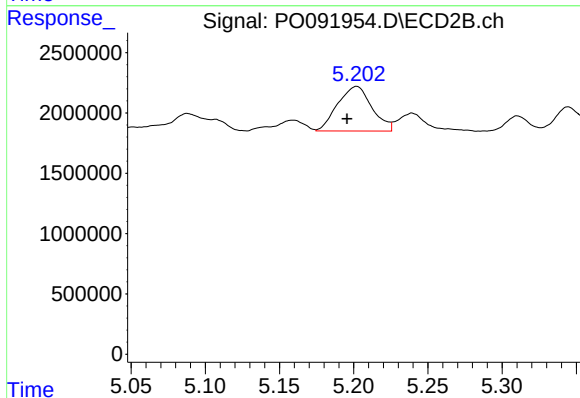
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 760725
Conc: 50.49 ng/ml



#15 AR-1232-5

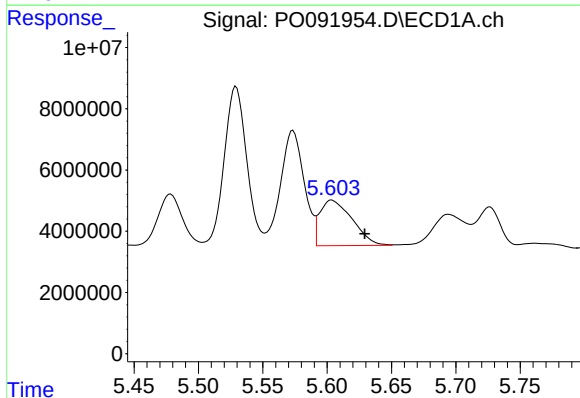
R.T.: 5.908 min
Delta R.T.: -0.001 min
Response: 6558423
Conc: 273.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



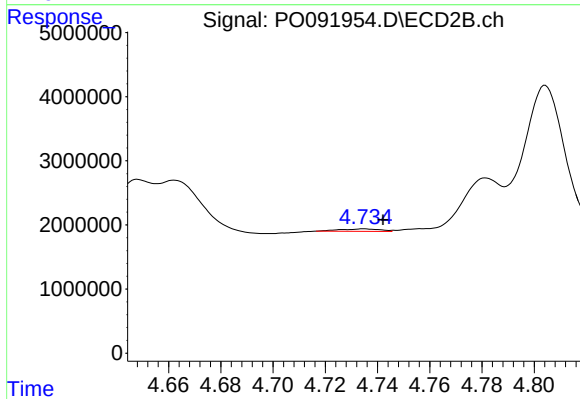
#15 AR-1232-5

R.T.: 5.202 min
Delta R.T.: 0.006 min
Response: 5952825
Conc: 364.02 ng/ml



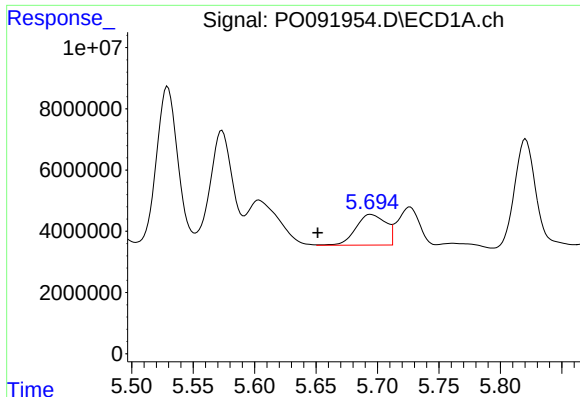
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: -0.026 min
Response: 26054929
Conc: 365.12 ng/ml



#16 AR-1242-1

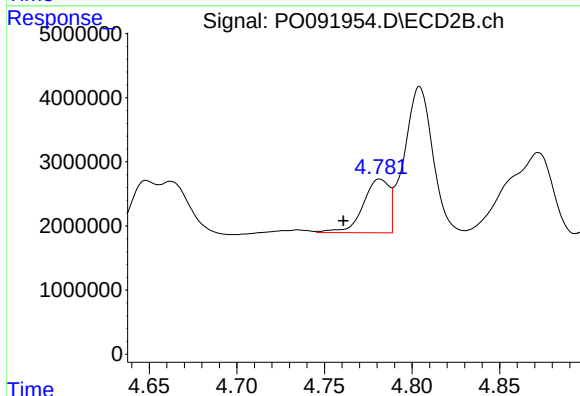
R.T.: 4.735 min
Delta R.T.: -0.007 min
Response: 415938
Conc: 11.14 ng/ml



#17 AR-1242-2

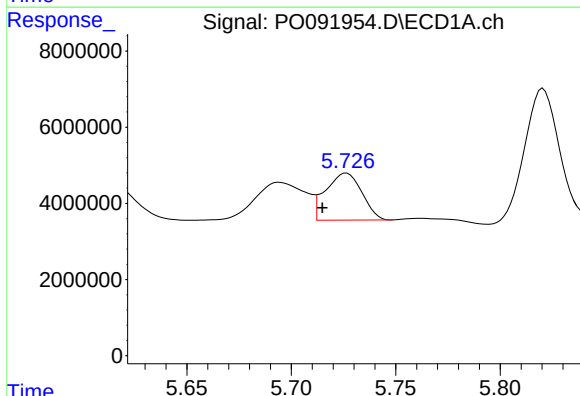
R.T.: 5.694 min
Delta R.T.: 0.043 min
Response: 17043965
Conc: 161.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



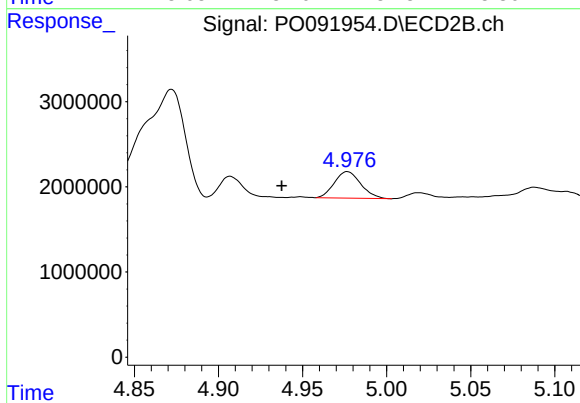
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: 0.021 min
Response: 8663328
Conc: 163.00 ng/ml



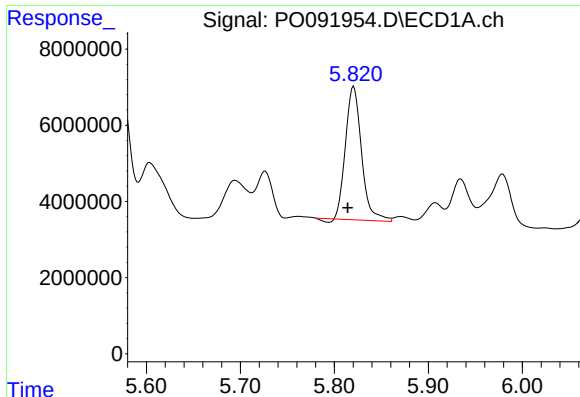
#18 AR-1242-3

R.T.: 5.726 min
Delta R.T.: 0.012 min
Response: 14895397
Conc: 221.00 ng/ml



#18 AR-1242-3

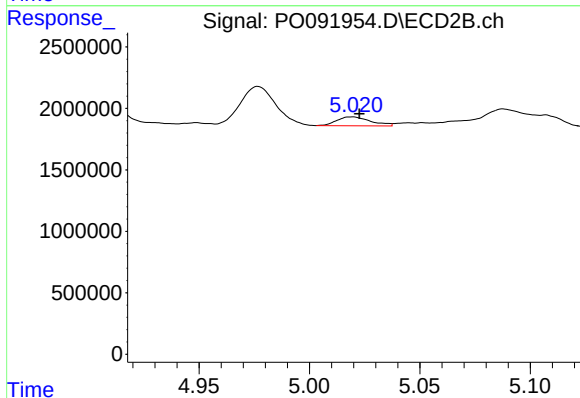
R.T.: 4.977 min
Delta R.T.: 0.039 min
Response: 3404818
Conc: 119.00 ng/ml



#19 AR-1242-4

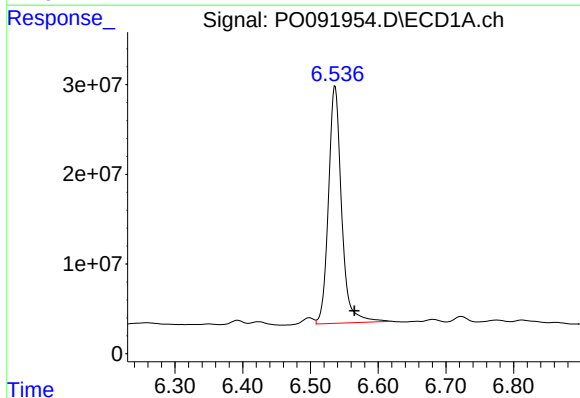
R.T.: 5.821 min
Delta R.T.: 0.006 min
Response: 41223325
Conc: 795.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



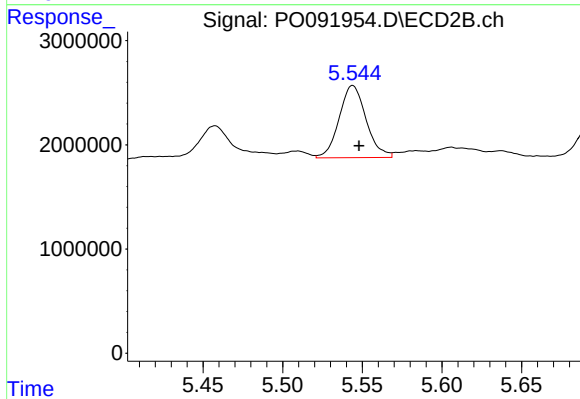
#19 AR-1242-4

R.T.: 5.019 min
Delta R.T.: -0.003 min
Response: 760725
Conc: 24.75 ng/ml



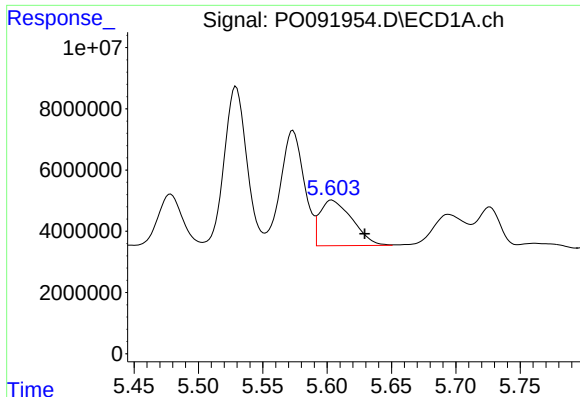
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: -0.029 min
Response: 356610342
Conc: 7043.37 ng/ml



#20 AR-1242-5

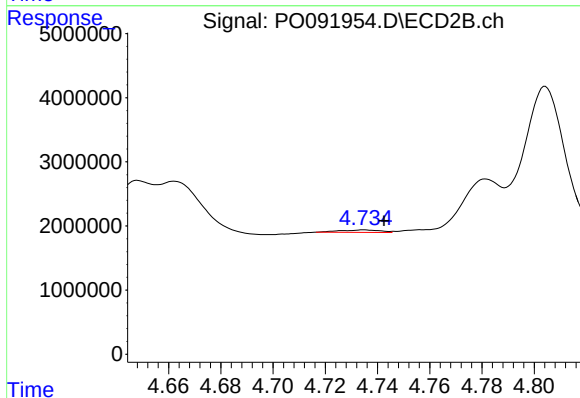
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 8161680
Conc: 247.48 ng/ml



#21 AR-1248-1

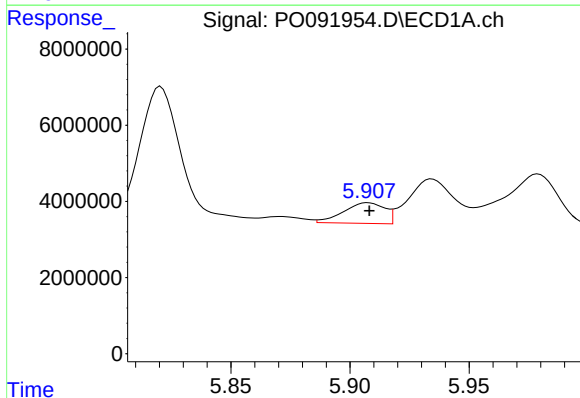
R.T.: 5.604 min
Delta R.T.: -0.026 min
Response: 26054929
Conc: 476.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



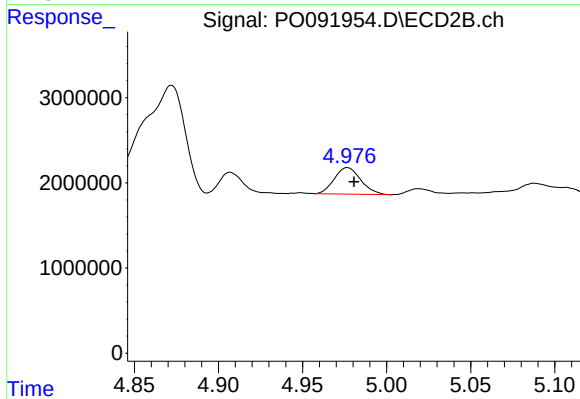
#21 AR-1248-1

R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 415938
Conc: 14.58 ng/ml



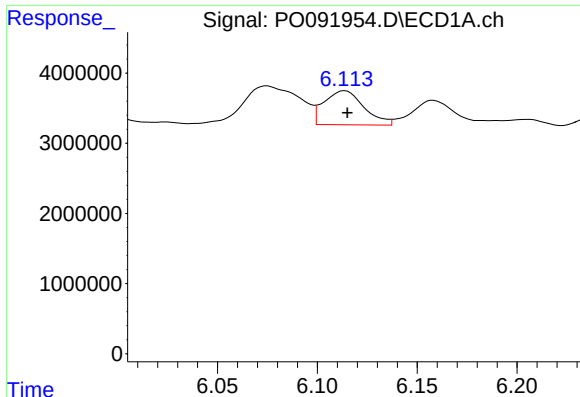
#22 AR-1248-2

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 6558423
Conc: 75.82 ng/ml



#22 AR-1248-2

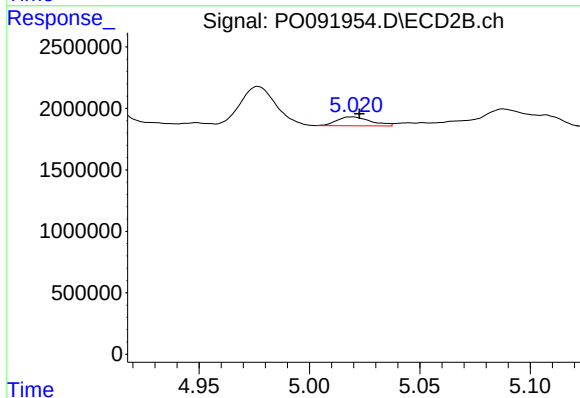
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 3404818
Conc: 76.76 ng/ml



#23 AR-1248-3

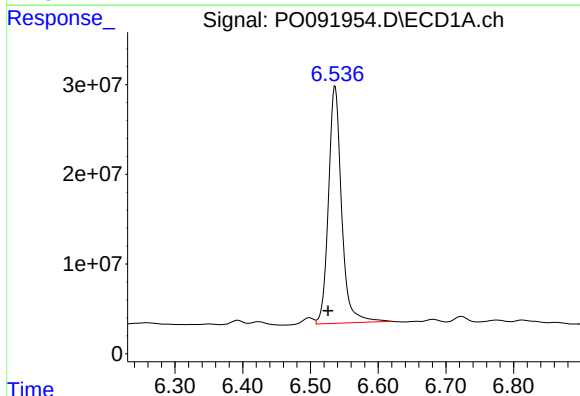
R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 6771454
Conc: 73.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



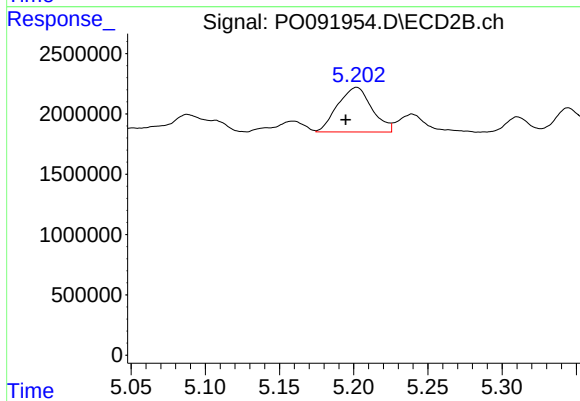
#23 AR-1248-3

R.T.: 5.019 min
Delta R.T.: -0.003 min
Response: 760725
Conc: 16.70 ng/ml



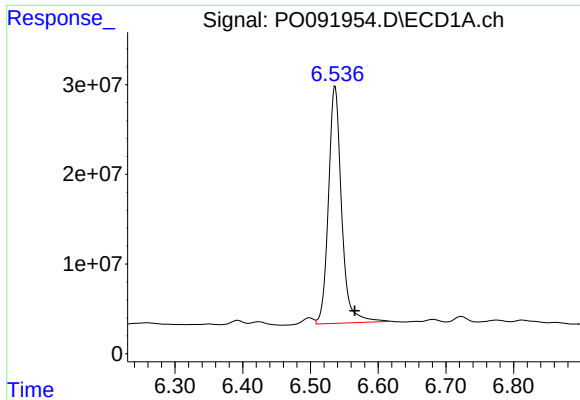
#24 AR-1248-4

R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 356610342
Conc: 4009.17 ng/ml



#24 AR-1248-4

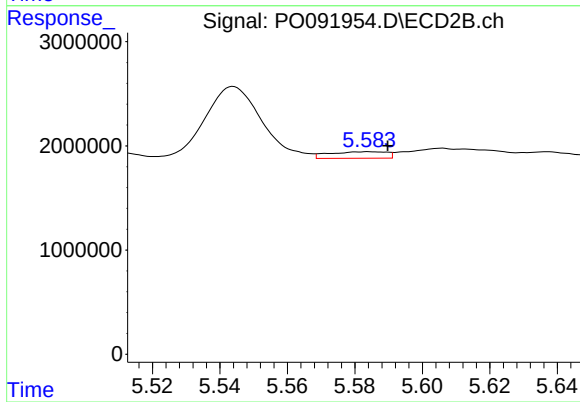
R.T.: 5.202 min
Delta R.T.: 0.007 min
Response: 5952825
Conc: 114.17 ng/ml



#25 AR-1248-5

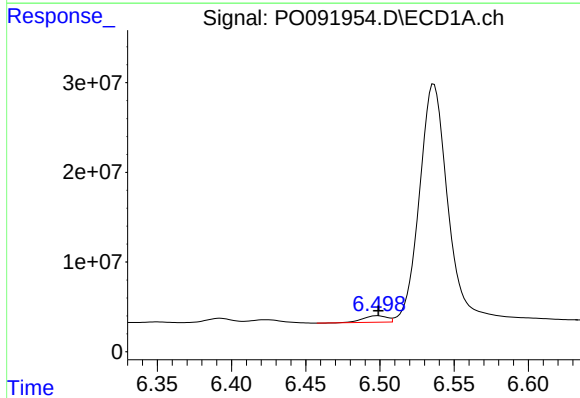
R.T.: 6.536 min
Delta R.T.: -0.029 min
Response: 356610342
Conc: 4122.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



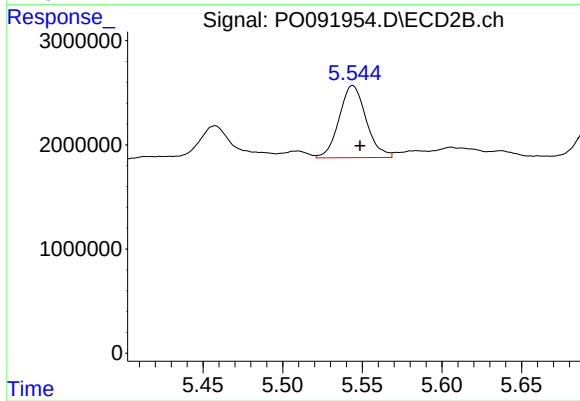
#25 AR-1248-5

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 739791
Conc: 16.73 ng/ml



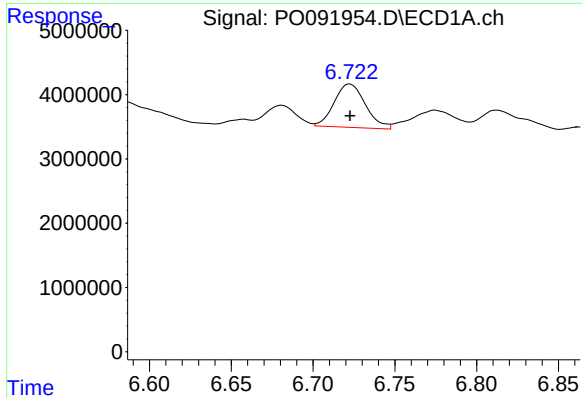
#26 AR-1254-1

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 8058523
Conc: 77.89 ng/ml



#26 AR-1254-1

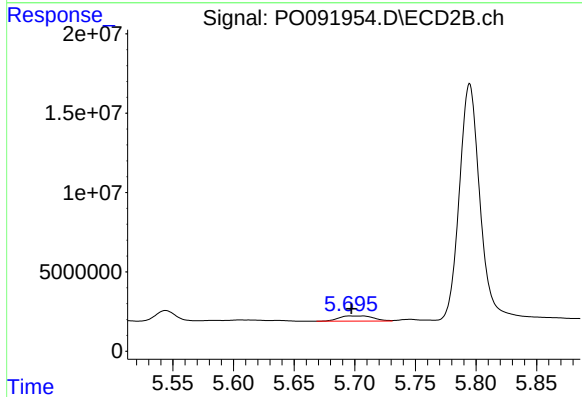
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 8161680
Conc: 110.55 ng/ml



#27 AR-1254-2

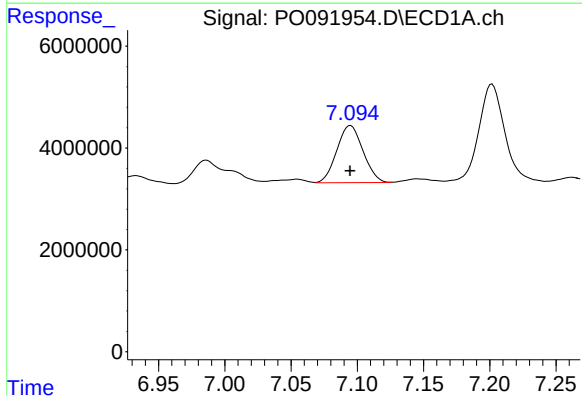
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 8963248
Conc: 59.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



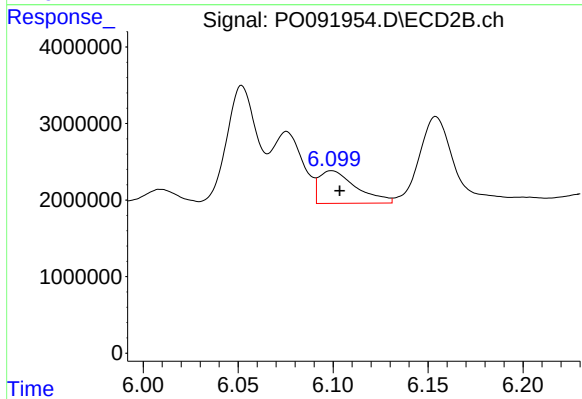
#27 AR-1254-2

R.T.: 5.706 min
Delta R.T.: 0.009 min
Response: 6550338
Conc: 100.24 ng/ml



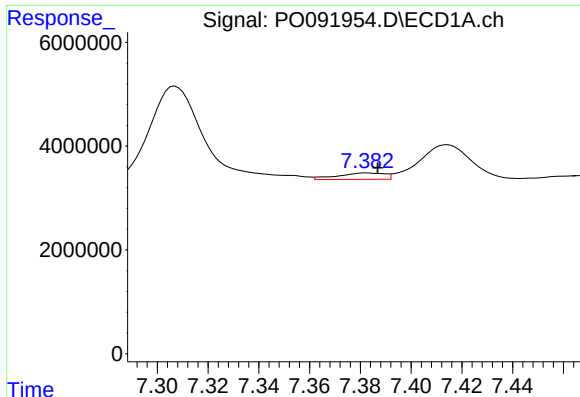
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 15447865
Conc: 103.31 ng/ml



#28 AR-1254-3

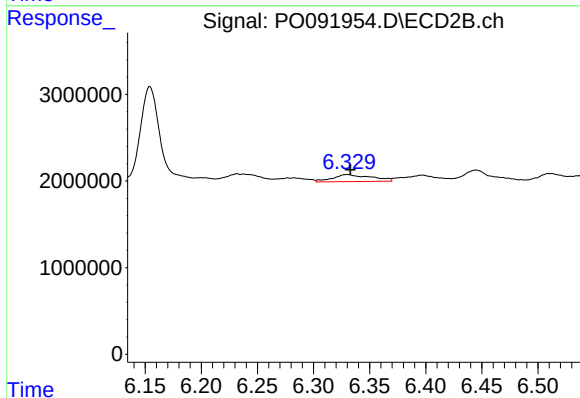
R.T.: 6.099 min
Delta R.T.: -0.004 min
Response: 5801829
Conc: 59.77 ng/ml



#29 AR-1254-4

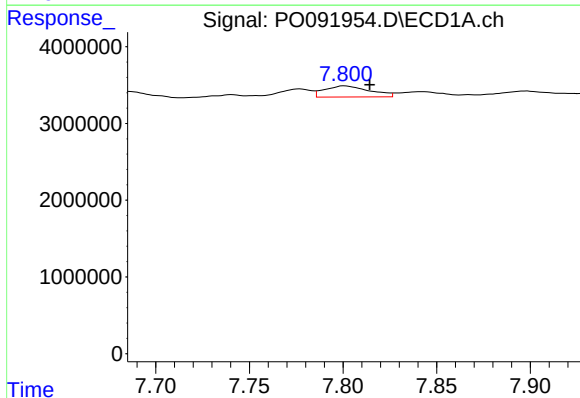
R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 1594587
Conc: 16.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



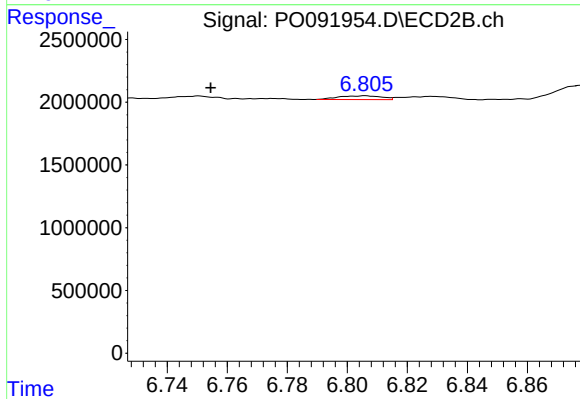
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 1951474
Conc: 40.27 ng/ml



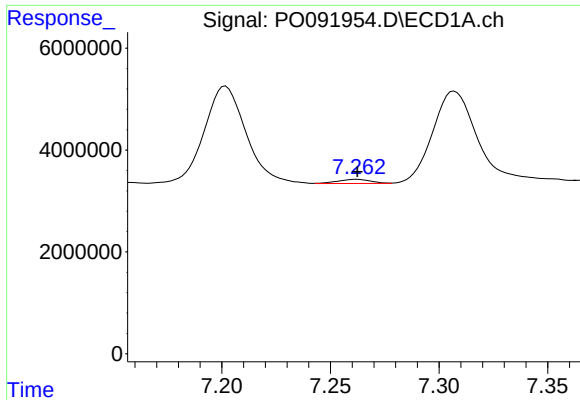
#30 AR-1254-5

R.T.: 7.801 min
Delta R.T.: -0.013 min
Response: 2424889
Conc: 19.55 ng/ml



#30 AR-1254-5

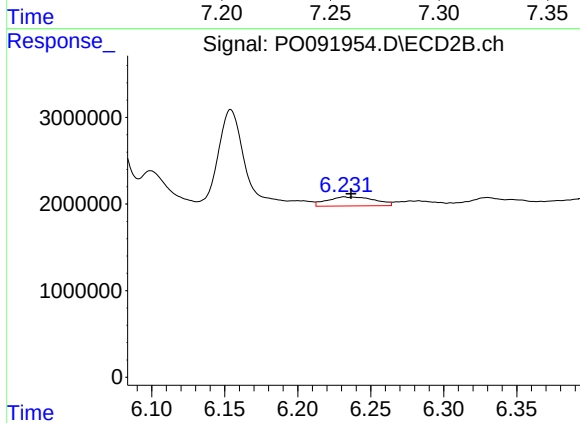
R.T.: 6.806 min
Delta R.T.: 0.051 min
Response: 298253
Conc: 3.87 ng/ml



#31 AR-1260-1

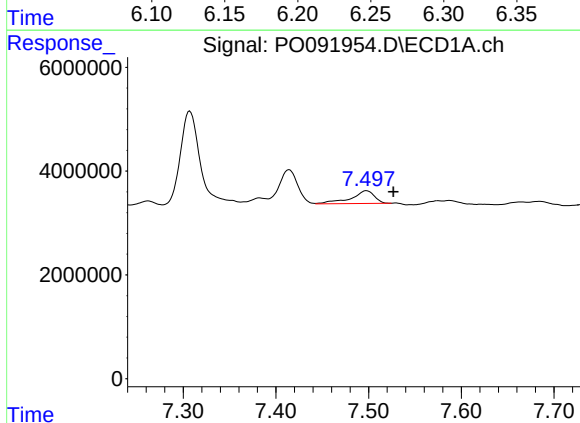
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 872436
Conc: 7.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



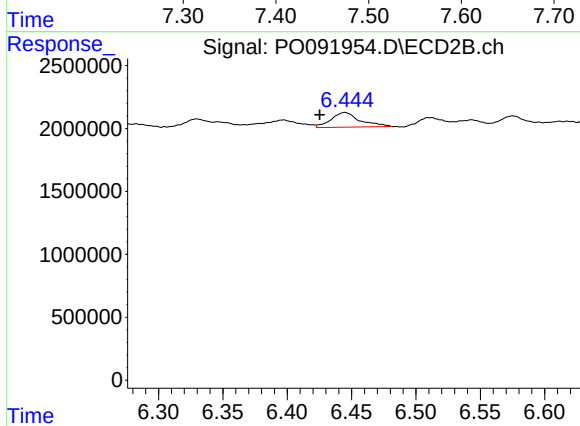
#31 AR-1260-1

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 2348176
Conc: 36.11 ng/ml



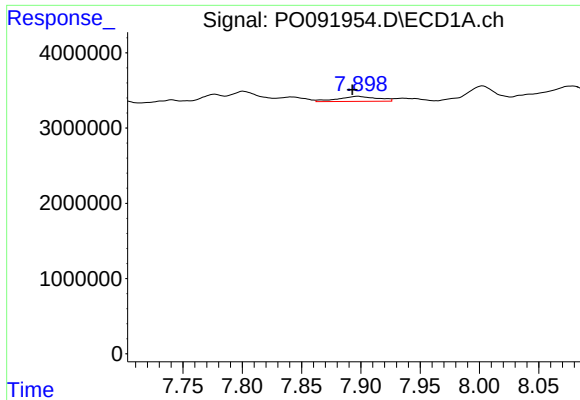
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: -0.029 min
Response: 4384335
Conc: 34.13 ng/ml



#32 AR-1260-2

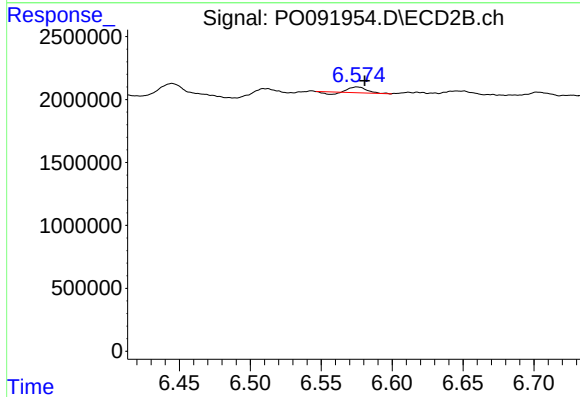
R.T.: 6.445 min
Delta R.T.: 0.020 min
Response: 1856304
Conc: 25.34 ng/ml



#33 AR-1260-3

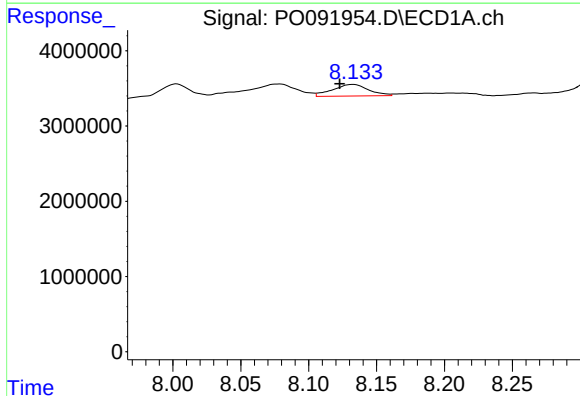
R.T.: 7.898 min
Delta R.T.: 0.005 min
Response: 1550001
Conc: 14.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



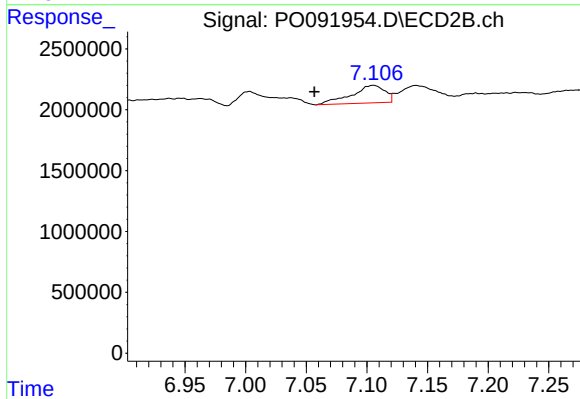
#33 AR-1260-3

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 292862
Conc: 4.09 ng/ml



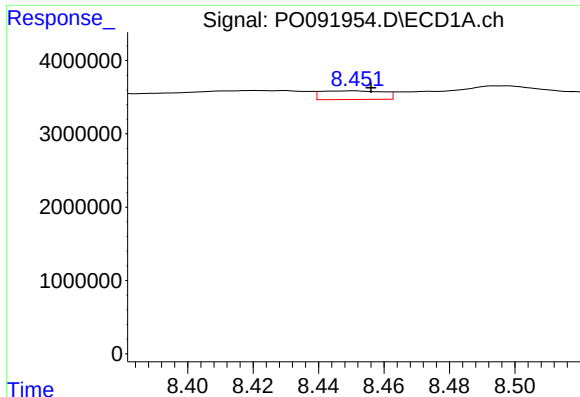
#34 AR-1260-4

R.T.: 8.133 min
Delta R.T.: 0.010 min
Response: 2838495
Conc: 24.58 ng/ml



#34 AR-1260-4

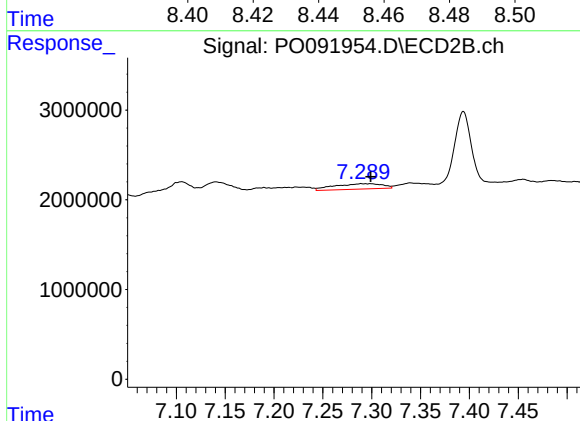
R.T.: 7.105 min
Delta R.T.: 0.049 min
Response: 2778967
Conc: 51.58 ng/ml



#35 AR-1260-5

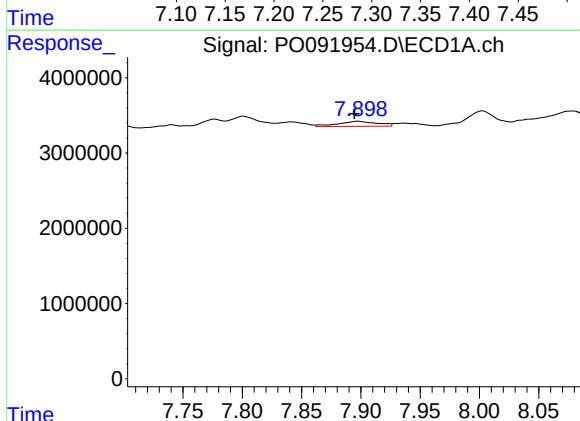
R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 1559446
Conc: 7.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



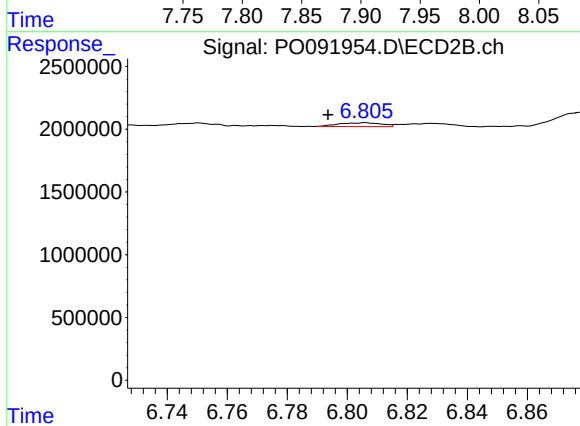
#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.010 min
Response: 2033510
Conc: 18.12 ng/ml



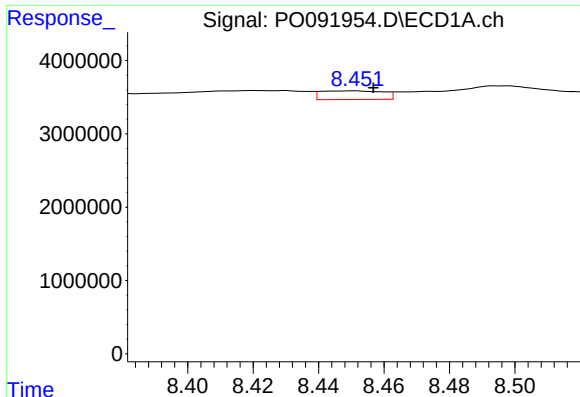
#36 AR-1262-1

R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 1550001
Conc: 12.02 ng/ml



#36 AR-1262-1

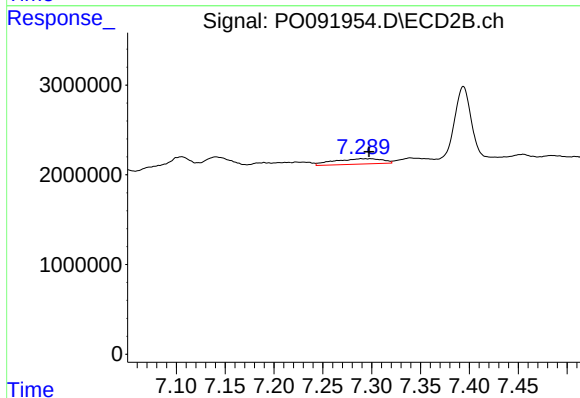
R.T.: 6.806 min
Delta R.T.: 0.012 min
Response: 298253
Conc: 3.89 ng/ml



#37 AR-1262-2

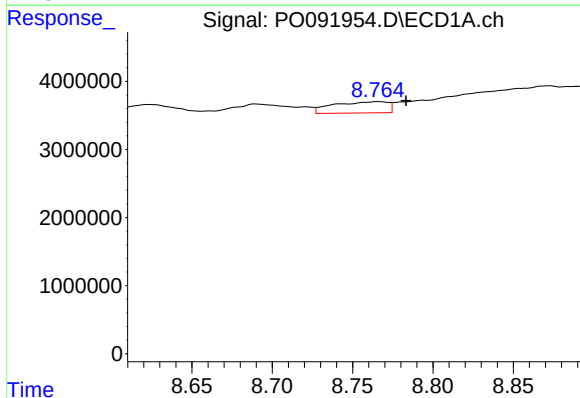
R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 1559446
Conc: 8.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



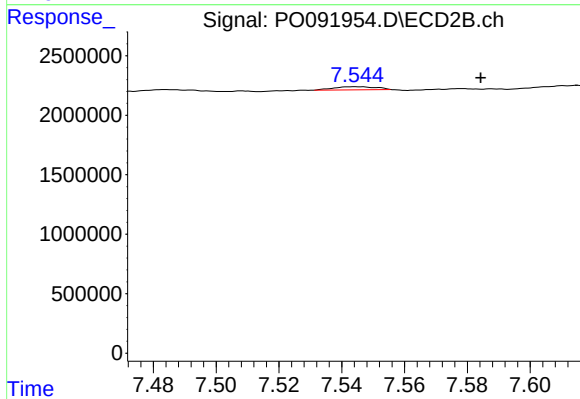
#37 AR-1262-2

R.T.: 7.289 min
Delta R.T.: -0.008 min
Response: 2033510
Conc: 17.56 ng/ml



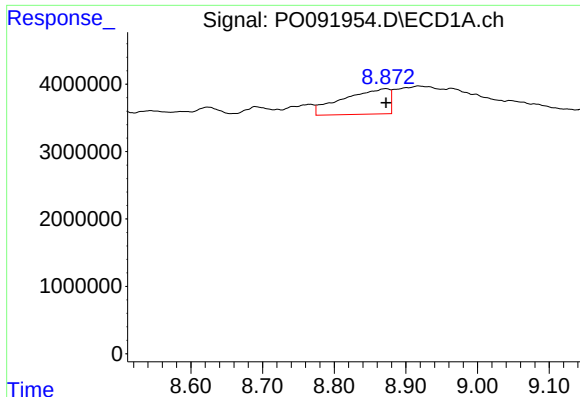
#38 AR-1262-3

R.T.: 8.766 min
Delta R.T.: -0.017 min
Response: 3936333
Conc: 27.91 ng/ml



#38 AR-1262-3

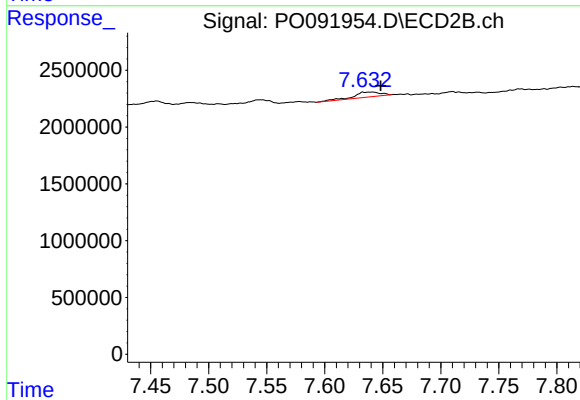
R.T.: 7.544 min
Delta R.T.: -0.040 min
Response: 255448
Conc: 5.71 ng/ml



#39 AR-1262-4

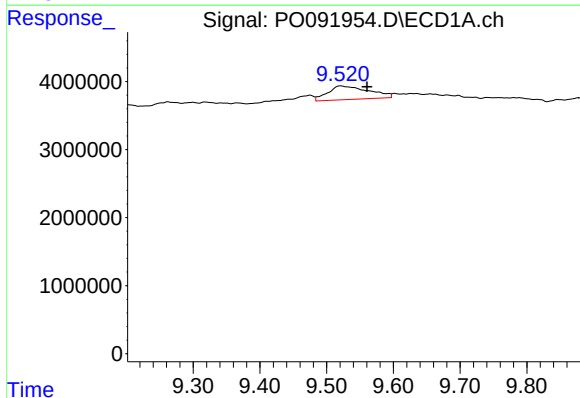
R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 16919984
Conc: 200.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



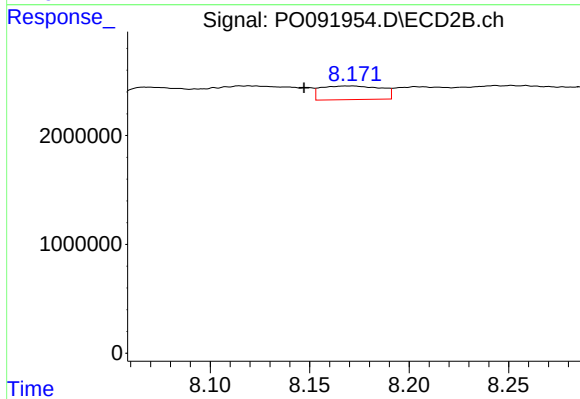
#39 AR-1262-4

R.T.: 7.641 min
Delta R.T.: -0.008 min
Response: 701469
Conc: 8.45 ng/ml



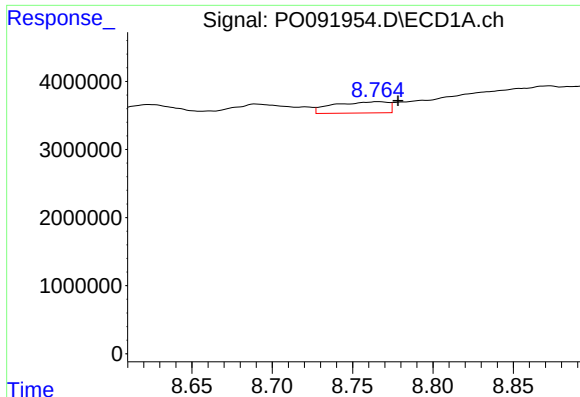
#40 AR-1262-5

R.T.: 9.521 min
Delta R.T.: -0.040 min
Response: 8555505
Conc: 119.22 ng/ml



#40 AR-1262-5

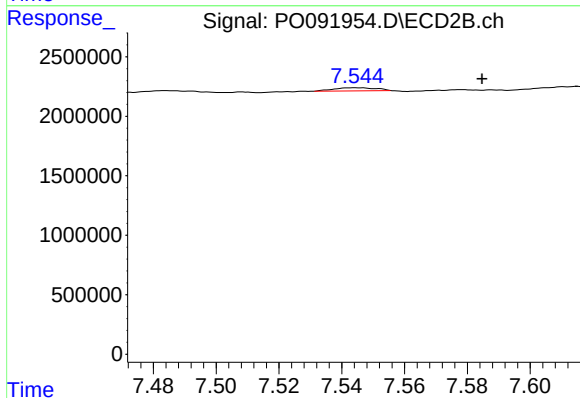
R.T.: 8.171 min
Delta R.T.: 0.024 min
Response: 2633354
Conc: 72.27 ng/ml



#41 AR-1268-1

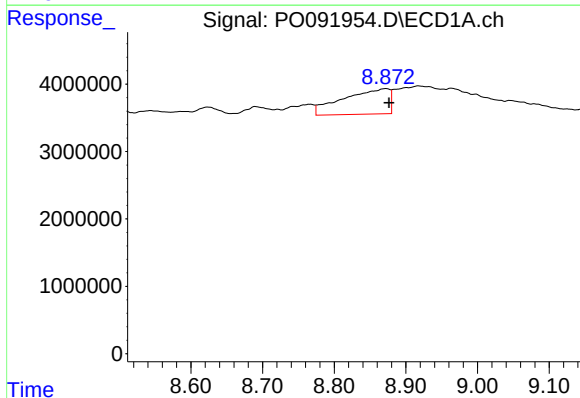
R.T.: 8.766 min
Delta R.T.: -0.012 min
Response: 3936333
Conc: 13.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



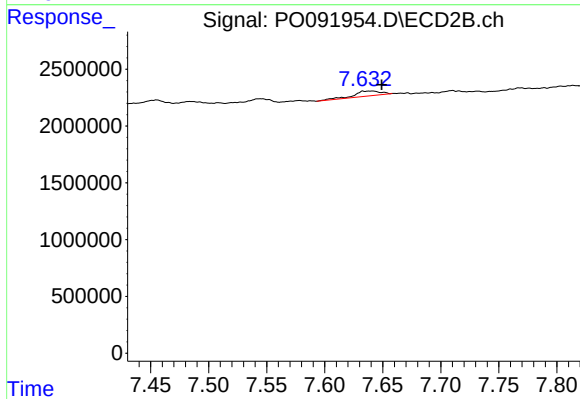
#41 AR-1268-1

R.T.: 7.544 min
Delta R.T.: -0.040 min
Response: 255448
Conc: 1.68 ng/ml



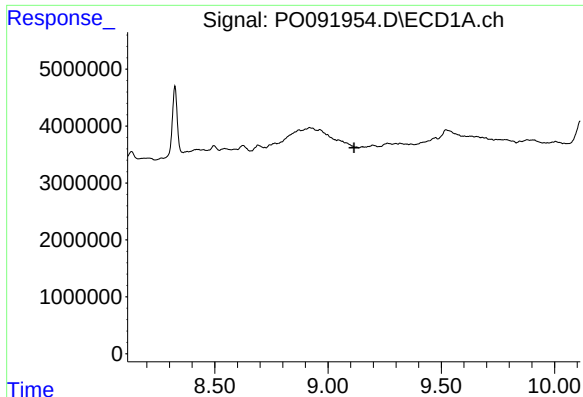
#42 AR-1268-2

R.T.: 8.873 min
Delta R.T.: -0.004 min
Response: 16919984
Conc: 58.21 ng/ml



#42 AR-1268-2

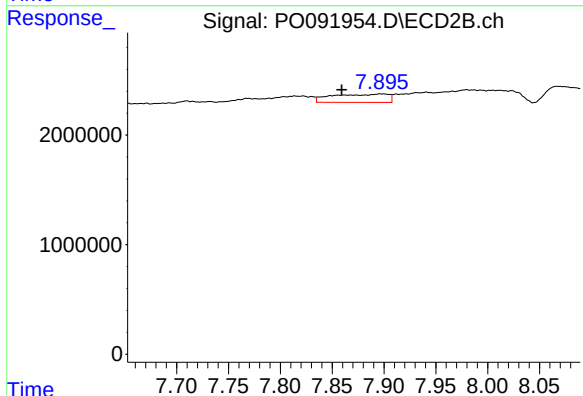
R.T.: 7.641 min
Delta R.T.: -0.009 min
Response: 701469
Conc: 5.13 ng/ml



#43 AR-1268-3

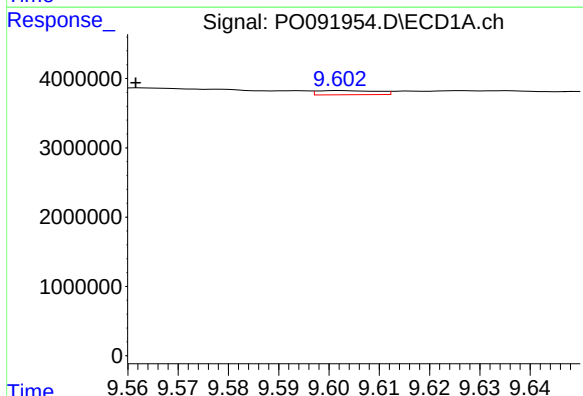
R.T.: 0.000 min
Exp R.T.: 9.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



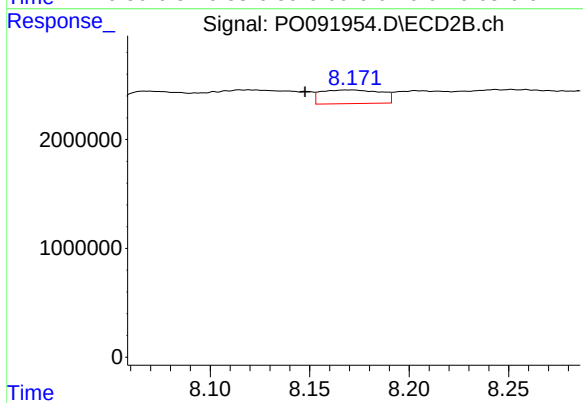
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: 0.037 min
Response: 2869847
Conc: 22.60 ng/ml



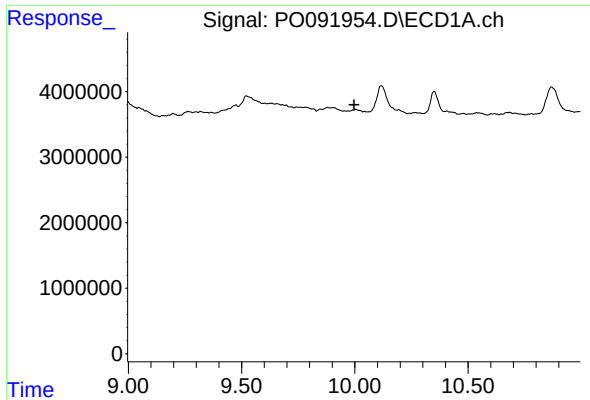
#44 AR-1268-4

R.T.: 9.602 min
Delta R.T.: 0.041 min
Response: 504159
Conc: 5.60 ng/ml



#44 AR-1268-4

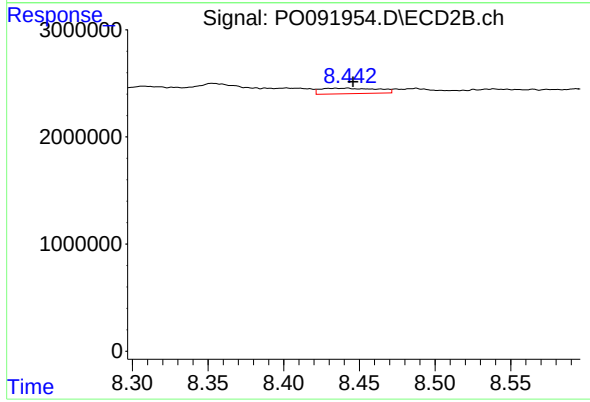
R.T.: 8.171 min
Delta R.T.: 0.023 min
Response: 2633354
Conc: 55.60 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.004 min
Response: 1357800
Conc: 3.64 ng/ml