

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 11:16
 Operator : YP/AJ
 Sample : N5988-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 12:04:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 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...	4.302	3.473	20521800	7048351	6.070	6.716
2)	SA Decachlor...	10.050	8.475	19810038	8261281	7.458	8.509
Target Compounds							
3)	L1 AR-1016-1	5.453	4.546	2361598	405292	20.986	10.998 #
4)	L1 AR-1016-2	5.512	4.546f	427844	405292	2.632	7.865 #
5)	L1 AR-1016-3	5.554	0.000	583326	0	5.595	N.D. #
6)	L1 AR-1016-4	5.652	0.000	436889	0	5.392	N.D. #
7)	L1 AR-1016-5	5.966	0.000	1099303	0	12.536	N.D. #
8)	L2 AR-1221-1	4.517	0.000	4735870	0	115.925	N.D. #
9)	L2 AR-1221-2	4.595	3.766	2733845	842222	90.132	84.707
10)	L2 AR-1221-3	4.692	3.801f	1372092	780301	14.914	25.124 #
11)	L3 AR-1232-1	4.692	3.801f	1372092	780301	19.070	32.658 #
12)	L3 AR-1232-2	5.182	4.546	1382615	405292	31.914	16.782 #
13)	L3 AR-1232-3	5.512	0.000	427844	0	5.726	N.D. #
14)	L3 AR-1232-4	5.652	0.000	436889	0	11.658	N.D. #
15)	L3 AR-1232-5	5.756	0.000	333593	0	11.156	N.D. #
16)	L4 AR-1242-1	5.453	4.546	2361598	405292	26.458	13.958 #
17)	L4 AR-1242-2	5.512	4.546	427844	405292	3.370	10.054 #
18)	L4 AR-1242-3	5.554	0.000	583326	0	6.998	N.D. #
19)	L4 AR-1242-4	5.652	0.000	436889	0	6.877	N.D. #
20)	L4 AR-1242-5	6.379	5.402f	579708	1012553	8.484	35.887 #
21)	L5 AR-1248-1	5.453	4.546	2361598	405292	33.153	17.228 #
22)	L5 AR-1248-2	5.756	0.000	333593	0	3.147	N.D. #
23)	L5 AR-1248-3	5.966	0.000	1099303	0	9.341	N.D. #
24)	L5 AR-1248-4	6.366	0.000	460915	0	3.769	N.D. #
25)	L5 AR-1248-5	6.379	5.402	579708	1012553	5.054	28.248 #
26)	L6 AR-1254-1	6.338	5.402	1022859	1012553	8.144	17.277 #
27)	L6 AR-1254-2	6.552	5.512	1117551	684942	5.927	12.834 #
28)	L6 AR-1254-3	6.925	5.915	1914417	-54	10.214	N.D. #
29)	L6 AR-1254-4	7.208	6.111f	1074777	66256	7.780	1.354 #
30)	L6 AR-1254-5	7.639	6.566	3379115	236630	22.024	3.174 #
31)	L7 AR-1260-1	7.090	6.066	1379611	192861	8.993	3.331 #
32)	L7 AR-1260-2	7.371	6.237	5079369	200407	29.101	2.935 #
33)	L7 AR-1260-3	7.717	6.378	1474605	800672	12.972	12.207
34)	L7 AR-1260-4	7.948	6.838	3077665	185875	22.712	3.892 #
35)	L7 AR-1260-5	8.257	7.106	1684043	172621	6.630	1.588 #
36)	L8 AR-1262-1	7.717	6.626	1474605	321353	8.071	4.275 #
37)	L8 AR-1262-2	8.257	7.106	1684043	172621	5.444	1.356 #
38)	L8 AR-1262-3	8.569	7.365	1233658	699624	5.722	13.276 #
39)	L8 AR-1262-4	8.672	7.429	960531	171172	9.650	1.802 #
40)	L8 AR-1262-5	9.299	0.000	186512	0	1.616	N.D. #
41)	L9 AR-1268-1	8.569	7.365	1233658	699624	3.350	4.690 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 11:16
Operator : YP/AJ
Sample : N5988-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

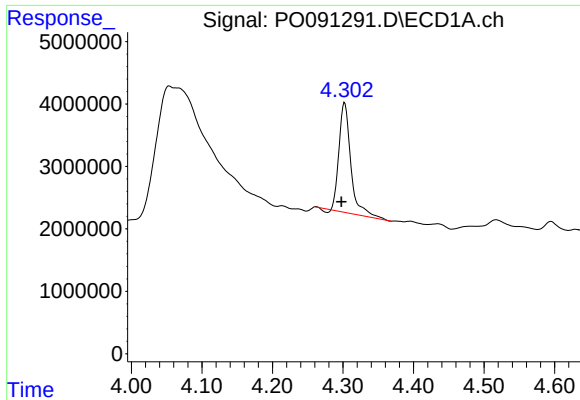
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 12:04:46 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 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
42)	L9 AR-1268-2	8.672	7.429	960531	171172	2.889	1.274 #
43)	L9 AR-1268-3	8.828f	0.000	3436967	0	12.064	N.D. #
44)	L9 AR-1268-4	9.299	0.000	186512	0	1.511	N.D. #

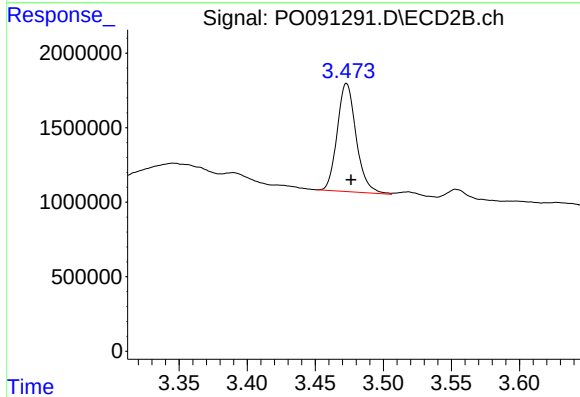
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

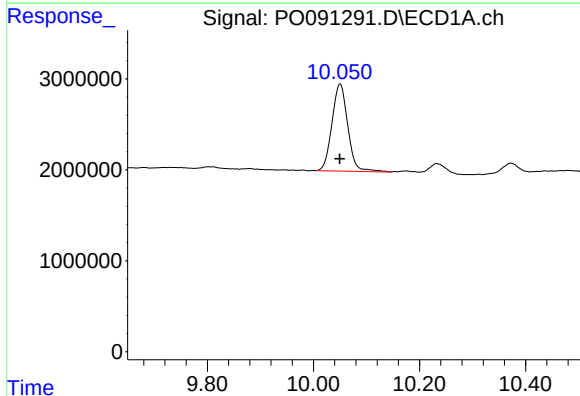
R.T.: 4.302 min
Delta R.T.: 0.004 min
Response: 20521800
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



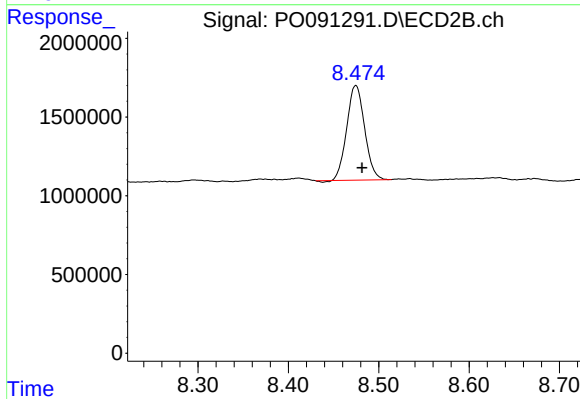
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 7048351
Conc: 6.72 ng/ml



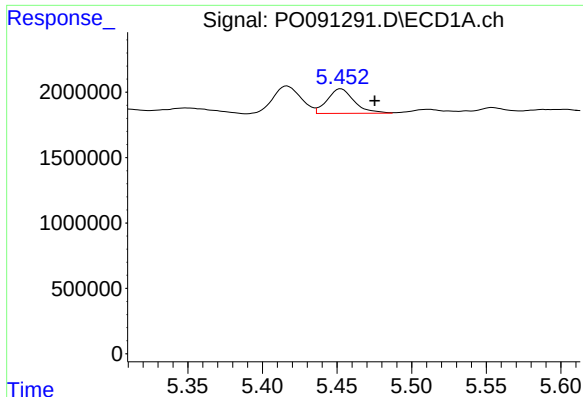
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: 0.000 min
Response: 19810038
Conc: 7.46 ng/ml



#2 Decachlorobiphenyl

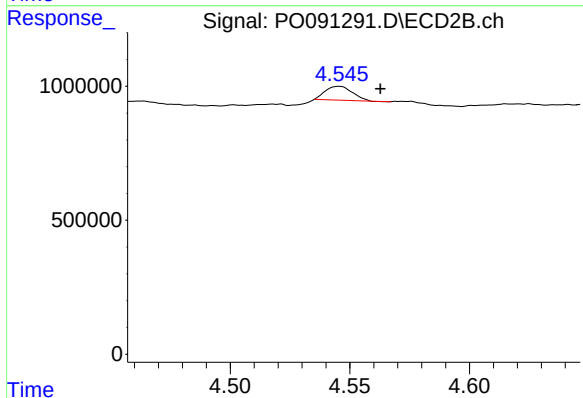
R.T.: 8.475 min
Delta R.T.: -0.007 min
Response: 8261281
Conc: 8.51 ng/ml



#3 AR-1016-1

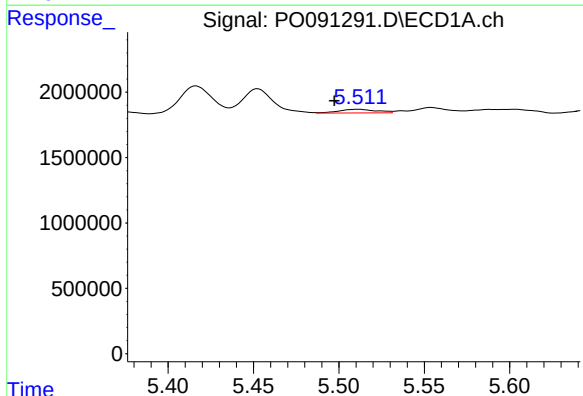
R.T.: 5.453 min
Delta R.T.: -0.023 min
Response: 2361598
Conc: 20.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



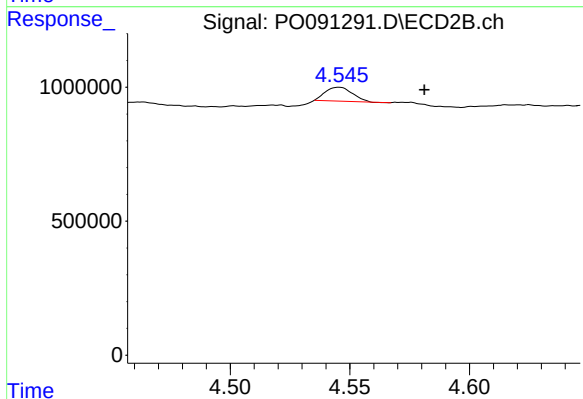
#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: -0.017 min
Response: 405292
Conc: 11.00 ng/ml



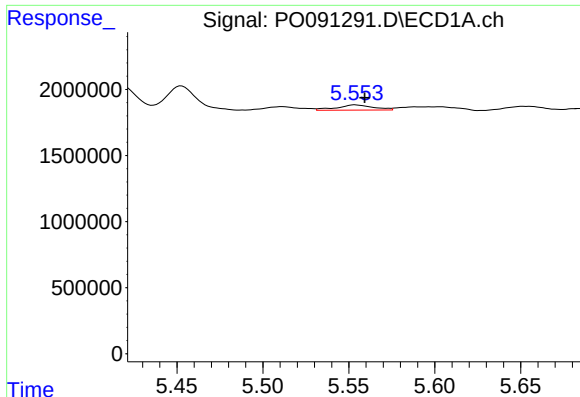
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.014 min
Response: 427844
Conc: 2.63 ng/ml



#4 AR-1016-2

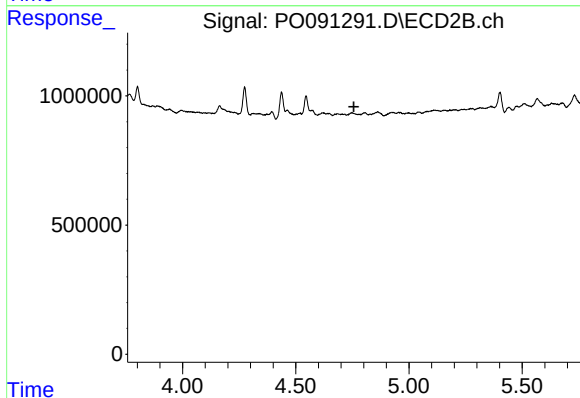
R.T.: 4.546 min
Delta R.T.: -0.035 min
Response: 405292
Conc: 7.87 ng/ml



#5 AR-1016-3

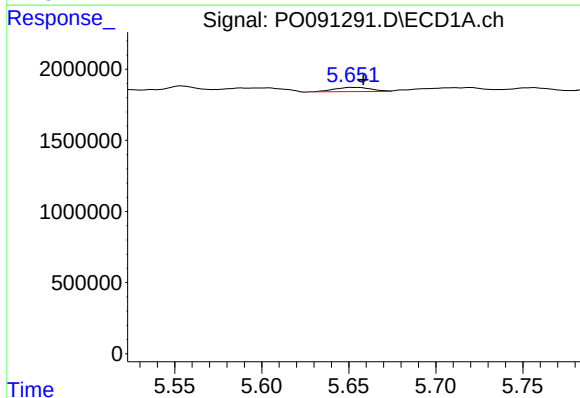
R.T.: 5.554 min
Delta R.T.: -0.005 min
Response: 583326
Conc: 5.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



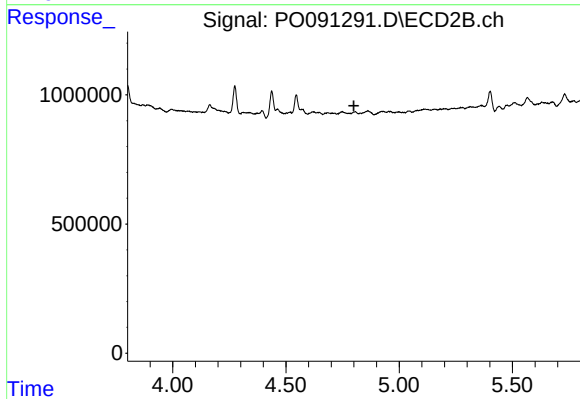
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.757 min
Response: 0
Conc: N.D.



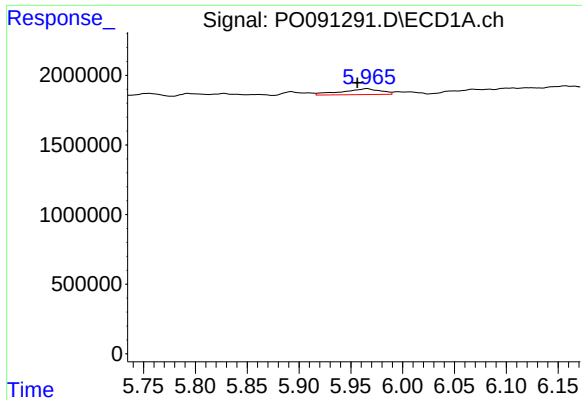
#6 AR-1016-4

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 436889
Conc: 5.39 ng/ml



#6 AR-1016-4

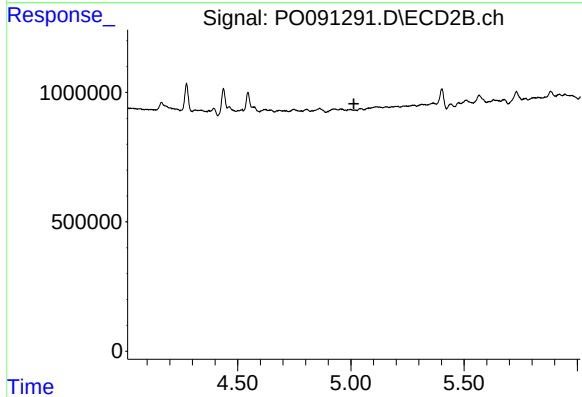
R.T.: 0.000 min
Exp R.T. : 4.800 min
Response: 0
Conc: N.D.



#7 AR-1016-5

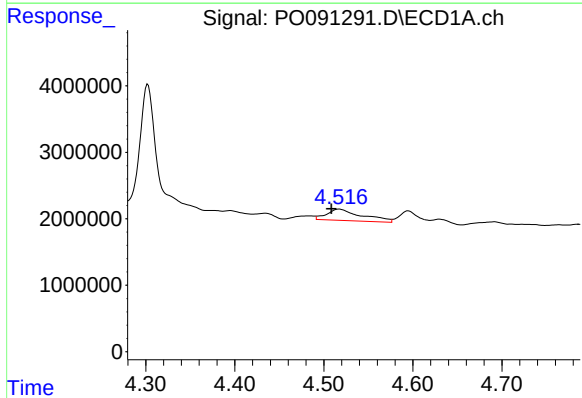
R.T.: 5.966 min
Delta R.T.: 0.009 min
Response: 1099303
Conc: 12.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



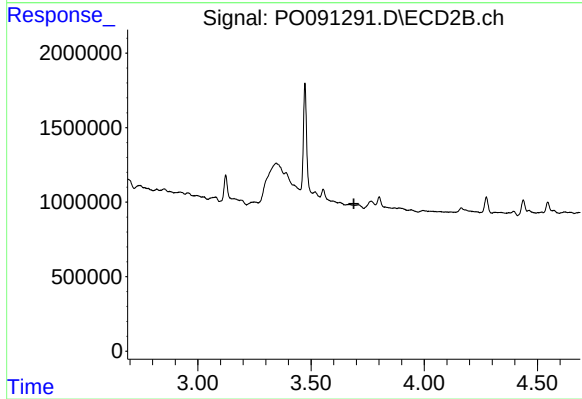
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



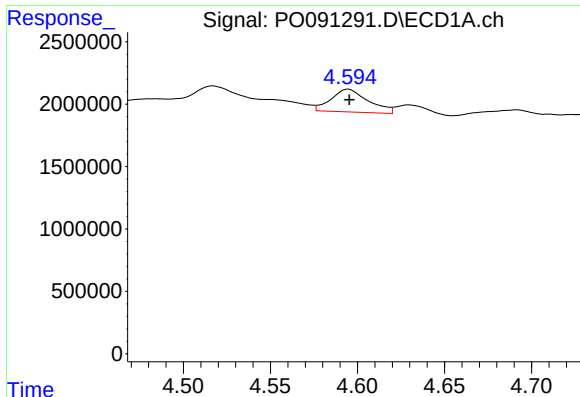
#8 AR-1221-1

R.T.: 4.517 min
Delta R.T.: 0.009 min
Response: 4735870
Conc: 115.93 ng/ml



#8 AR-1221-1

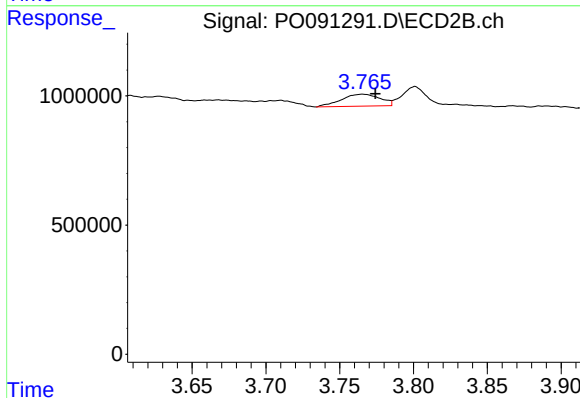
R.T.: 0.000 min
Exp R.T. : 3.689 min
Response: 0
Conc: N.D.



#9 AR-1221-2

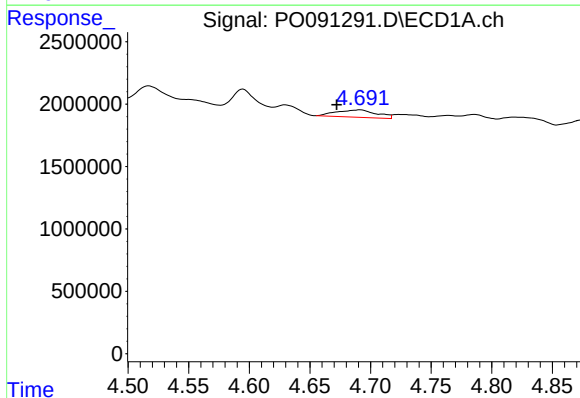
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 2733845
Conc: 90.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



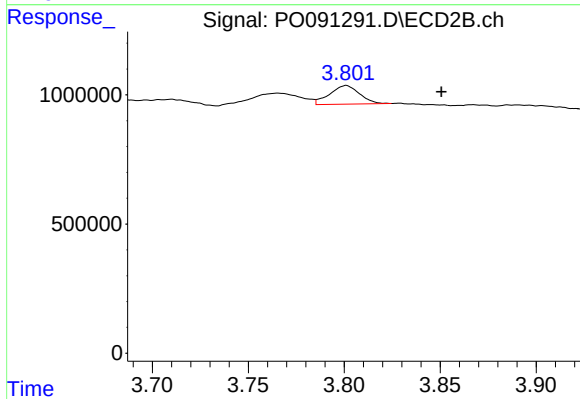
#9 AR-1221-2

R.T.: 3.766 min
Delta R.T.: -0.009 min
Response: 842222
Conc: 84.71 ng/ml



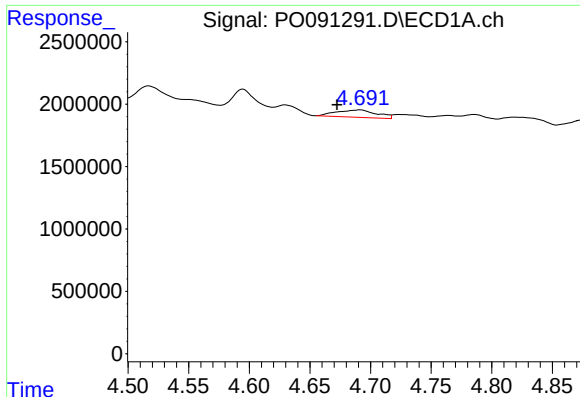
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: 0.020 min
Response: 1372092
Conc: 14.91 ng/ml



#10 AR-1221-3

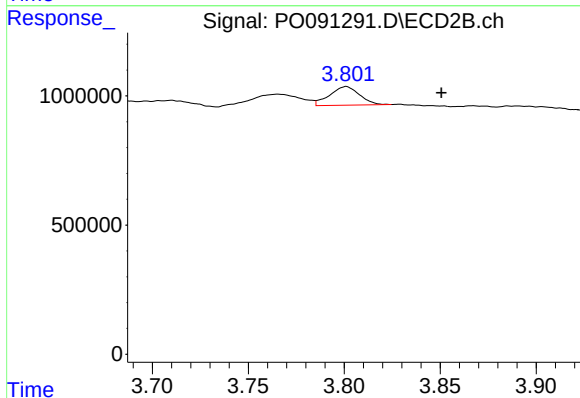
R.T.: 3.801 min
Delta R.T.: -0.050 min
Response: 780301
Conc: 25.12 ng/ml



#11 AR-1232-1

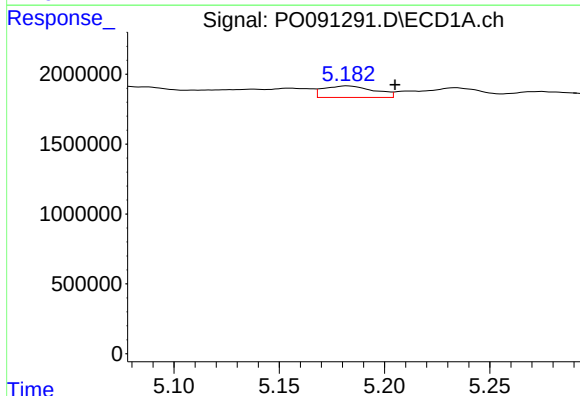
R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 1372092
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



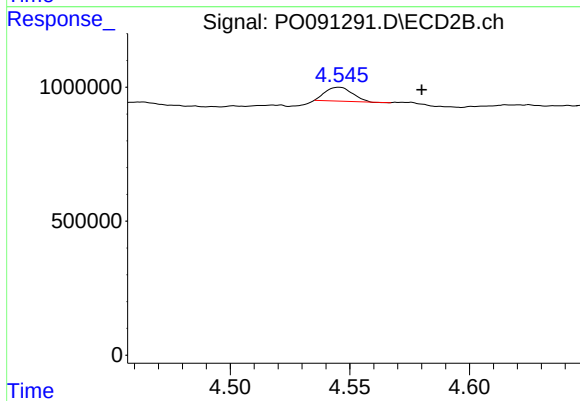
#11 AR-1232-1

R.T.: 3.801 min
Delta R.T.: -0.049 min
Response: 780301
Conc: 32.66 ng/ml



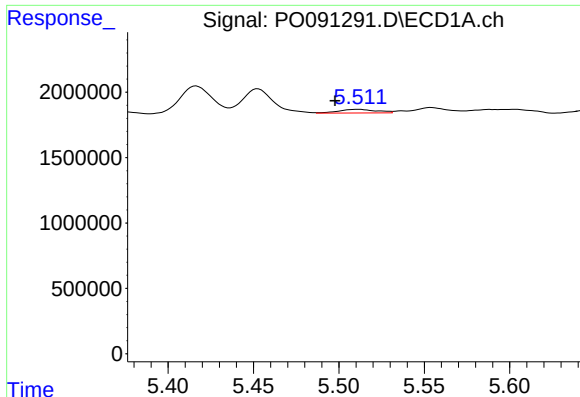
#12 AR-1232-2

R.T.: 5.182 min
Delta R.T.: -0.023 min
Response: 1382615
Conc: 31.91 ng/ml



#12 AR-1232-2

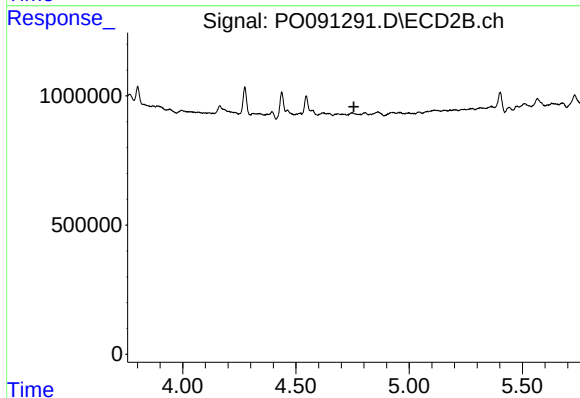
R.T.: 4.546 min
Delta R.T.: -0.034 min
Response: 405292
Conc: 16.78 ng/ml



#13 AR-1232-3

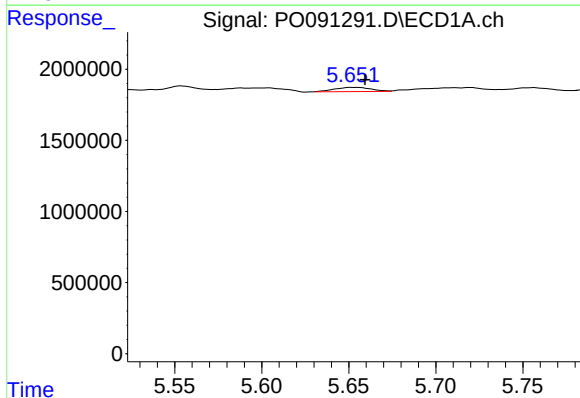
R.T.: 5.512 min
Delta R.T.: 0.014 min
Response: 427844
Conc: 5.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



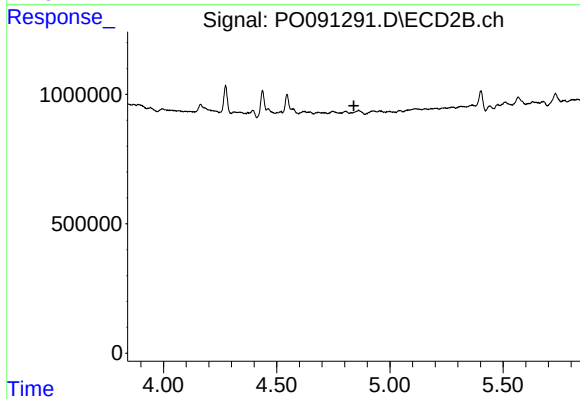
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.756 min
Response: 0
Conc: N.D.



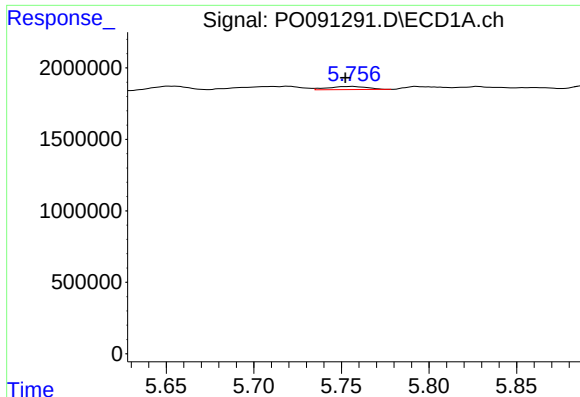
#14 AR-1232-4

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 436889
Conc: 11.66 ng/ml



#14 AR-1232-4

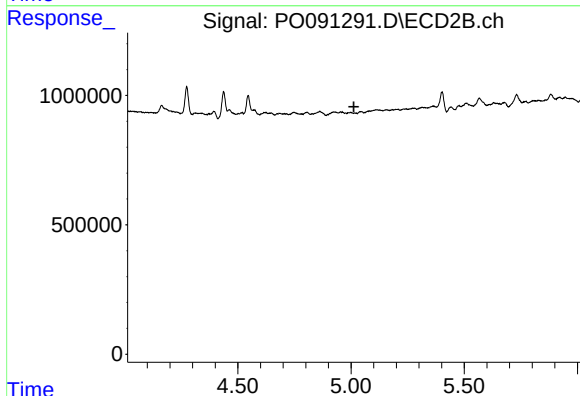
R.T.: 0.000 min
Exp R.T. : 4.841 min
Response: 0
Conc: N.D.



#15 AR-1232-5

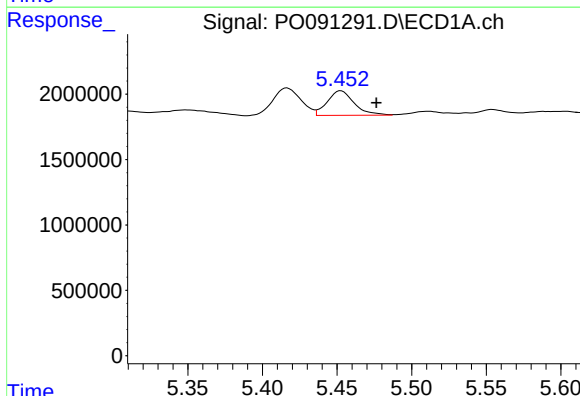
R.T.: 5.756 min
Delta R.T.: 0.004 min
Response: 333593
Conc: 11.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



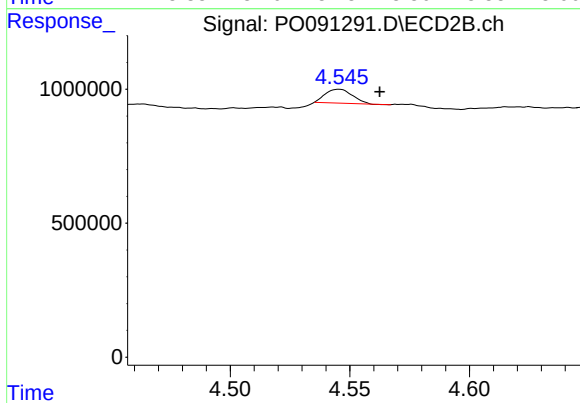
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.012 min
Response: 0
Conc: N.D.



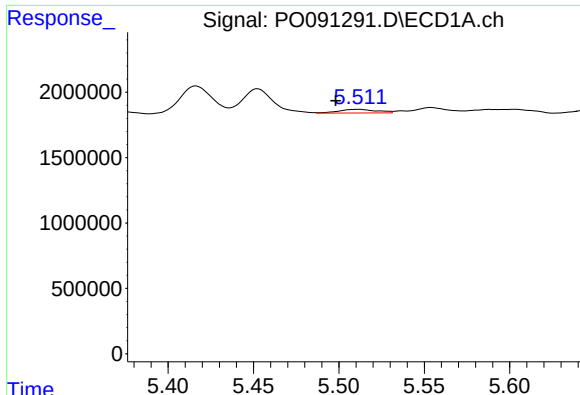
#16 AR-1242-1

R.T.: 5.453 min
Delta R.T.: -0.024 min
Response: 2361598
Conc: 26.46 ng/ml



#16 AR-1242-1

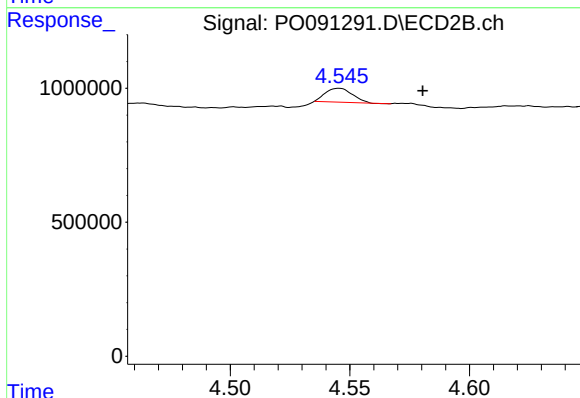
R.T.: 4.546 min
Delta R.T.: -0.017 min
Response: 405292
Conc: 13.96 ng/ml



#17 AR-1242-2

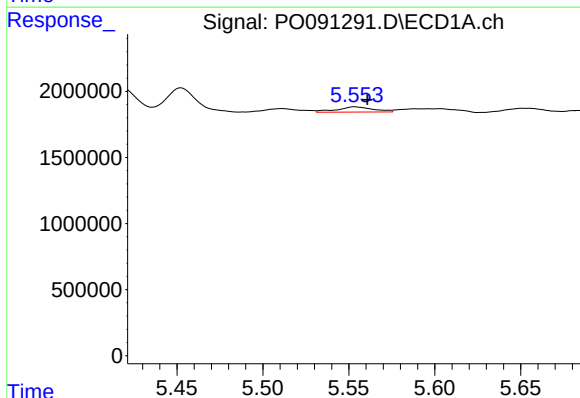
R.T.: 5.512 min
Delta R.T.: 0.013 min
Response: 427844
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



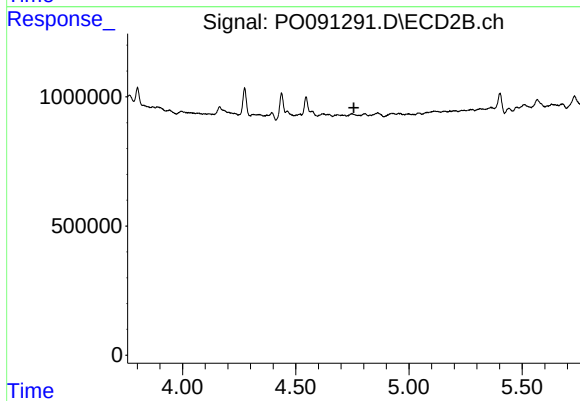
#17 AR-1242-2

R.T.: 4.546 min
Delta R.T.: -0.035 min
Response: 405292
Conc: 10.05 ng/ml



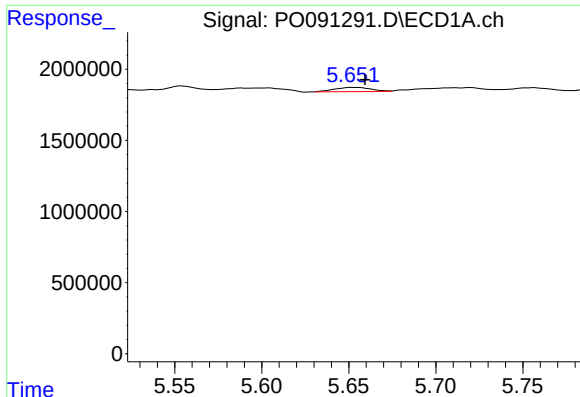
#18 AR-1242-3

R.T.: 5.554 min
Delta R.T.: -0.007 min
Response: 583326
Conc: 7.00 ng/ml



#18 AR-1242-3

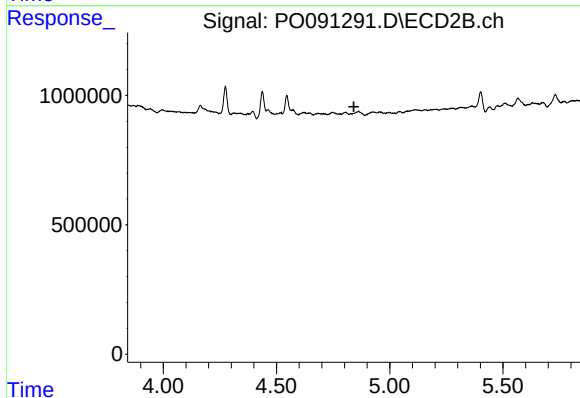
R.T.: 0.000 min
Exp R.T.: 4.756 min
Response: 0
Conc: N.D.



#19 AR-1242-4

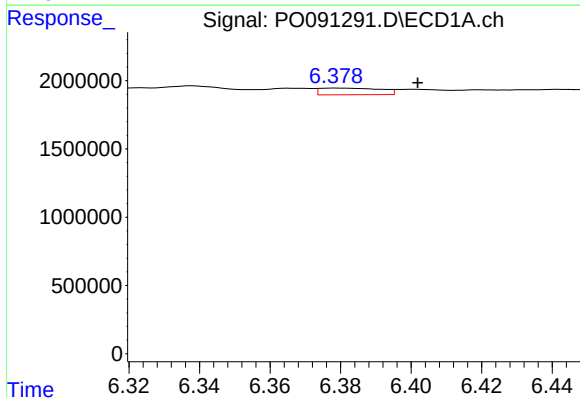
R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 436889
Conc: 6.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



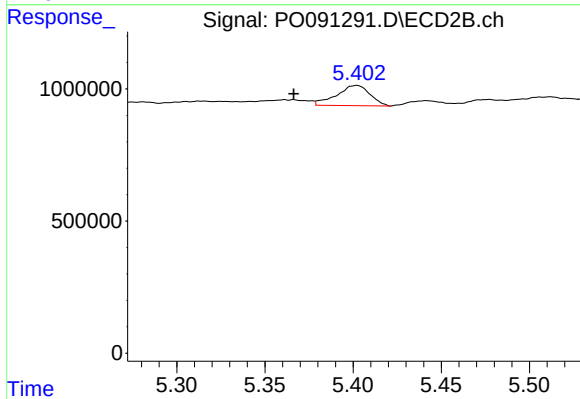
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.841 min
Response: 0
Conc: N.D.



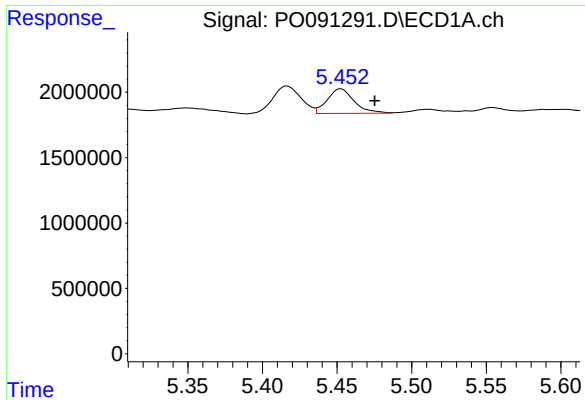
#20 AR-1242-5

R.T.: 6.379 min
Delta R.T.: -0.023 min
Response: 579708
Conc: 8.48 ng/ml



#20 AR-1242-5

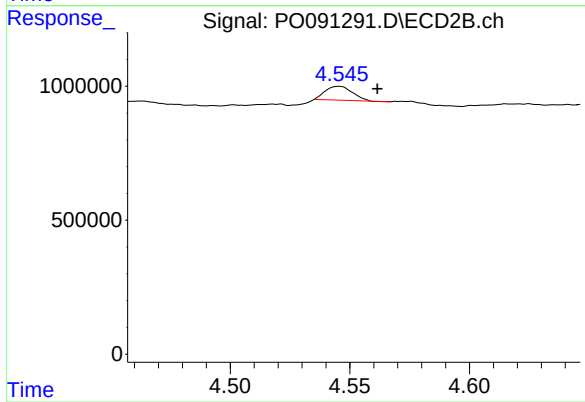
R.T.: 5.402 min
Delta R.T.: 0.036 min
Response: 1012553
Conc: 35.89 ng/ml



#21 AR-1248-1

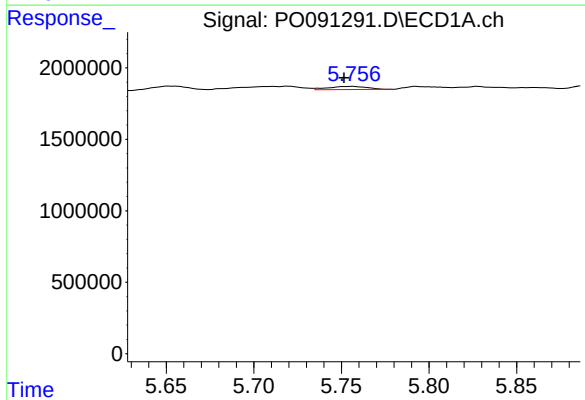
R.T.: 5.453 min
Delta R.T.: -0.023 min
Response: 2361598
Conc: 33.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



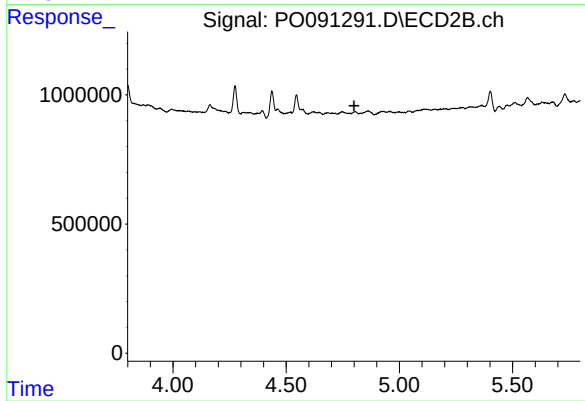
#21 AR-1248-1

R.T.: 4.546 min
Delta R.T.: -0.016 min
Response: 405292
Conc: 17.23 ng/ml



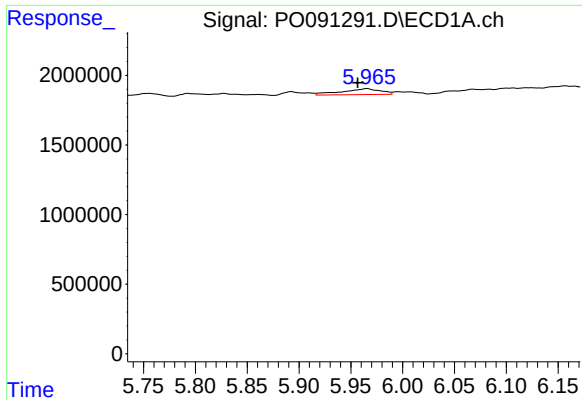
#22 AR-1248-2

R.T.: 5.756 min
Delta R.T.: 0.005 min
Response: 333593
Conc: 3.15 ng/ml



#22 AR-1248-2

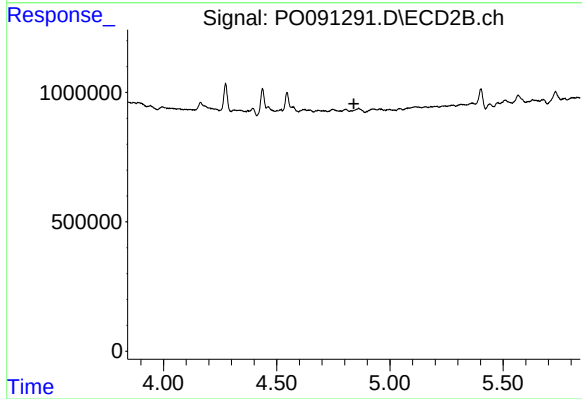
R.T.: 0.000 min
Exp R.T.: 4.800 min
Response: 0
Conc: N.D.



#23 AR-1248-3

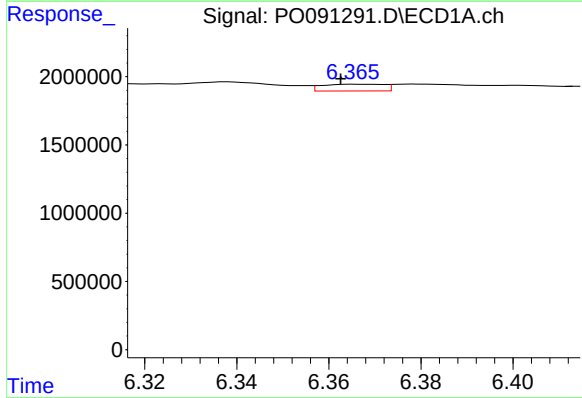
R.T.: 5.966 min
Delta R.T.: 0.009 min
Response: 1099303
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



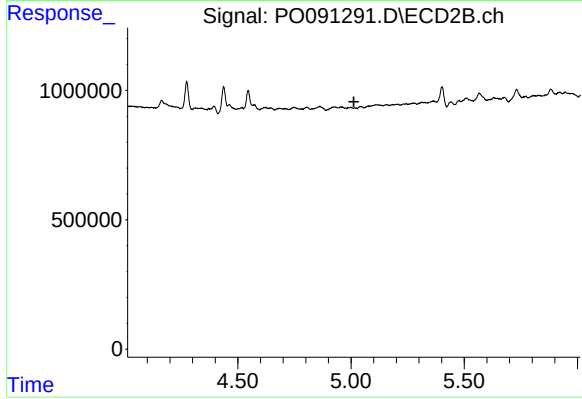
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.841 min
Response: 0
Conc: N.D.



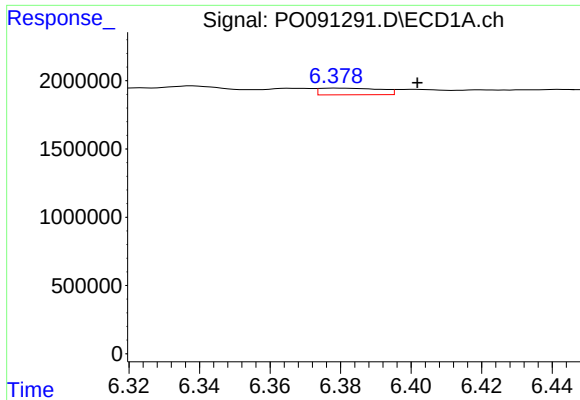
#24 AR-1248-4

R.T.: 6.366 min
Delta R.T.: 0.003 min
Response: 460915
Conc: 3.77 ng/ml



#24 AR-1248-4

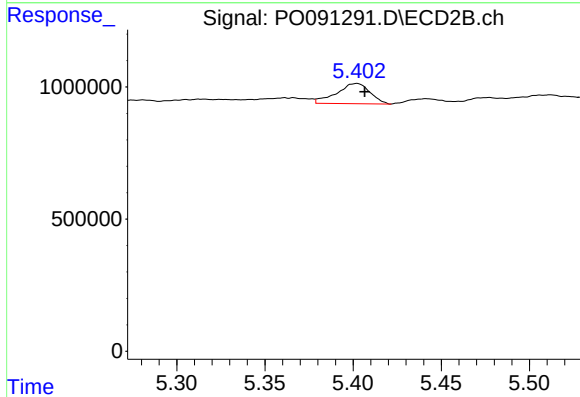
R.T.: 0.000 min
Exp R.T. : 5.012 min
Response: 0
Conc: N.D.



#25 AR-1248-5

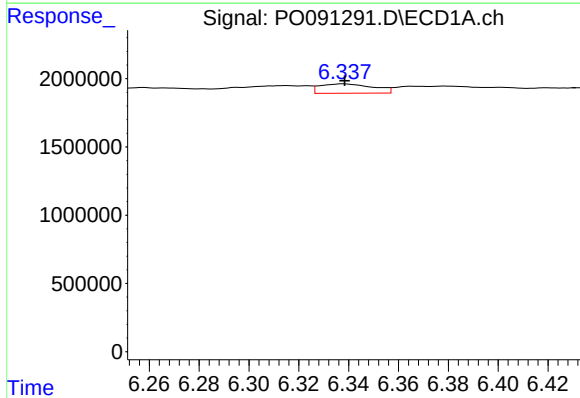
R.T.: 6.379 min
Delta R.T.: -0.023 min
Response: 579708
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



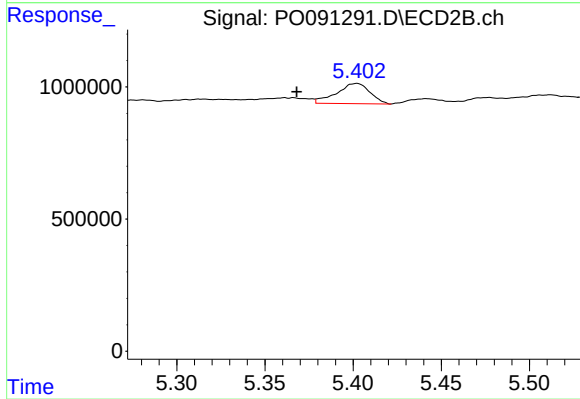
#25 AR-1248-5

R.T.: 5.402 min
Delta R.T.: -0.004 min
Response: 1012553
Conc: 28.25 ng/ml



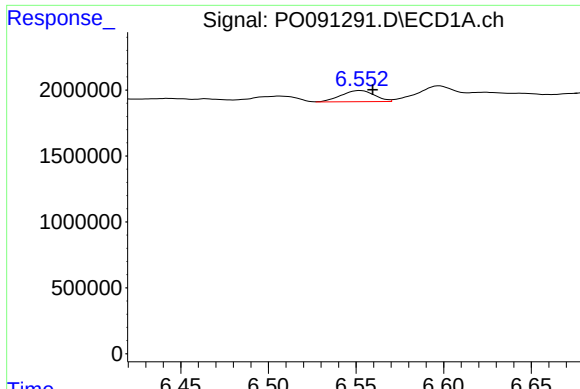
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1022859
Conc: 8.14 ng/ml



#26 AR-1254-1

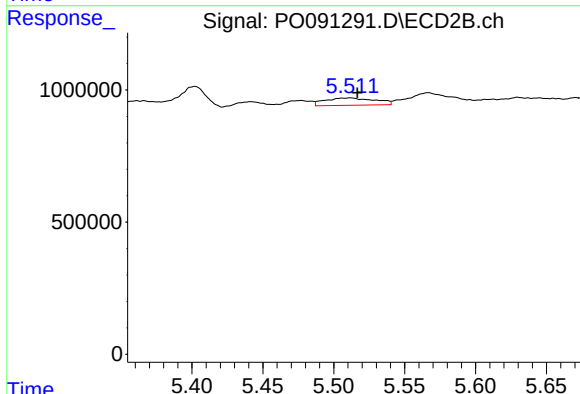
R.T.: 5.402 min
Delta R.T.: 0.034 min
Response: 1012553
Conc: 17.28 ng/ml



#27 AR-1254-2

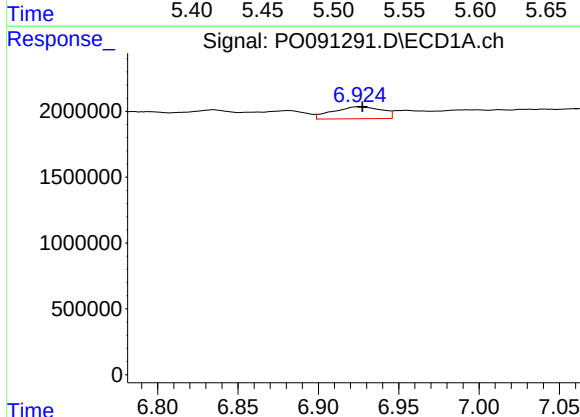
R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 1117551
Conc: 5.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



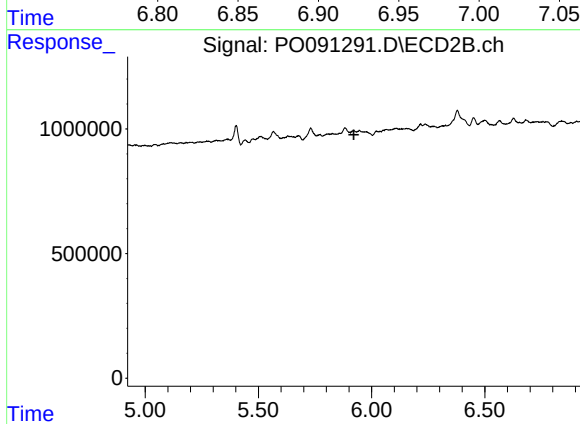
#27 AR-1254-2

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 684942
Conc: 12.83 ng/ml



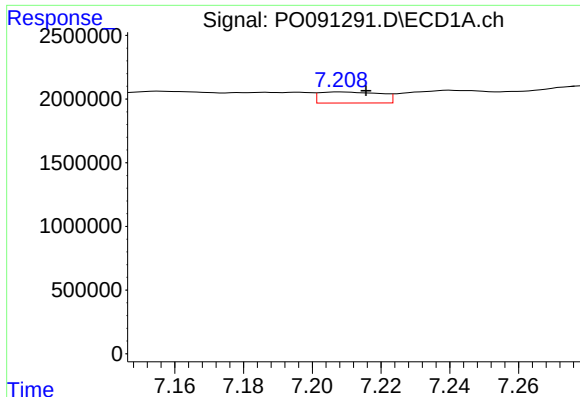
#28 AR-1254-3

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1914417
Conc: 10.21 ng/ml



#28 AR-1254-3

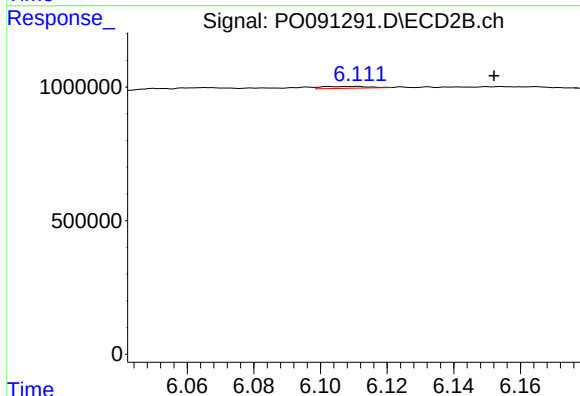
R.T.: 5.915 min
Delta R.T.: -0.007 min
Response: -54
Conc: N.D.



#29 AR-1254-4

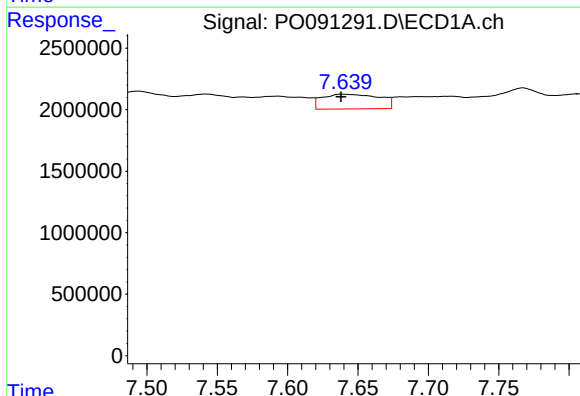
R.T.: 7.208 min
Delta R.T.: -0.007 min
Response: 1074777
Conc: 7.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



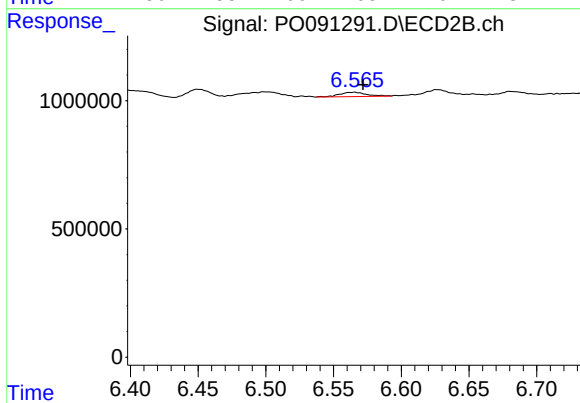
#29 AR-1254-4

R.T.: 6.111 min
Delta R.T.: -0.041 min
Response: 66256
Conc: 1.35 ng/ml



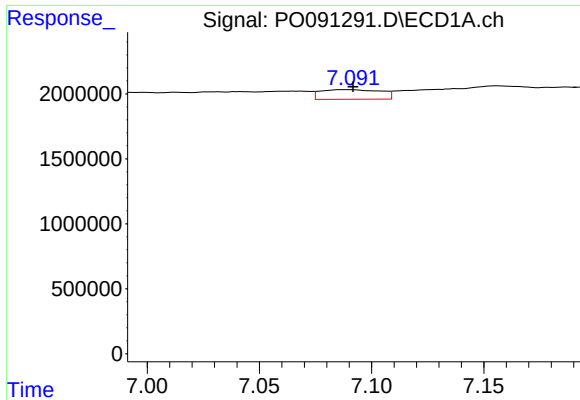
#30 AR-1254-5

R.T.: 7.639 min
Delta R.T.: 0.002 min
Response: 3379115
Conc: 22.02 ng/ml



#30 AR-1254-5

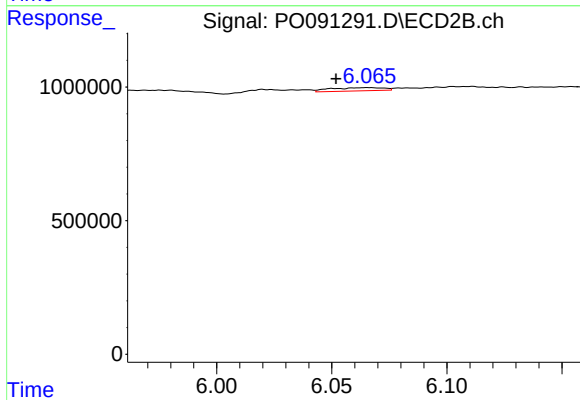
R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 236630
Conc: 3.17 ng/ml



#31 AR-1260-1

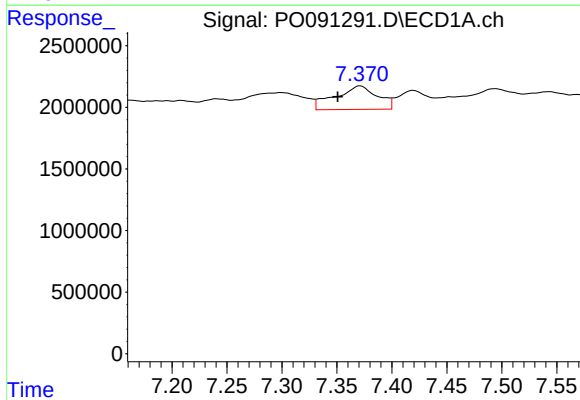
R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 1379611
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



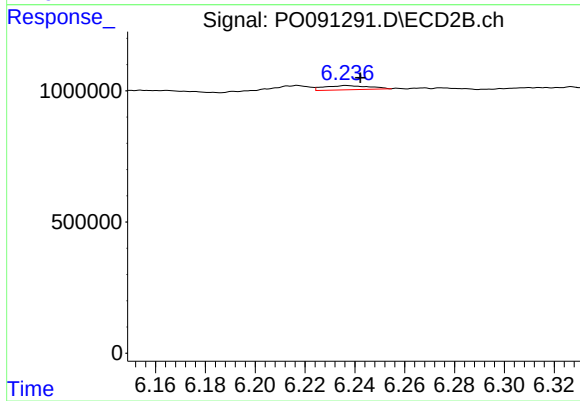
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: 0.014 min
Response: 192861
Conc: 3.33 ng/ml



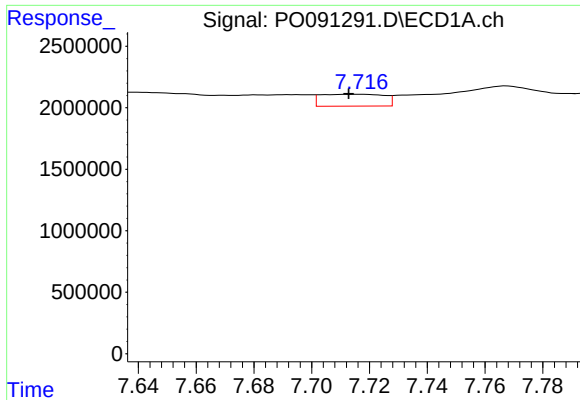
#32 AR-1260-2

R.T.: 7.371 min
Delta R.T.: 0.020 min
Response: 5079369
Conc: 29.10 ng/ml



#32 AR-1260-2

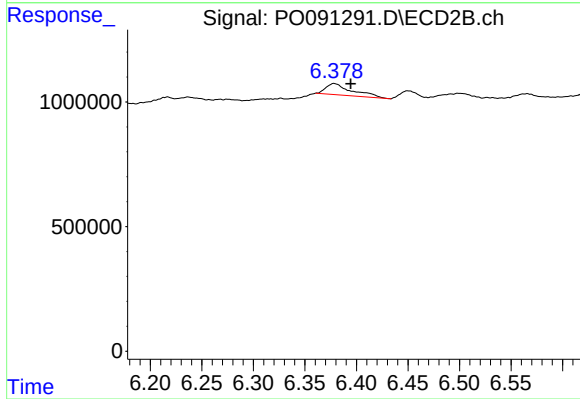
R.T.: 6.237 min
Delta R.T.: -0.006 min
Response: 200407
Conc: 2.93 ng/ml



#33 AR-1260-3

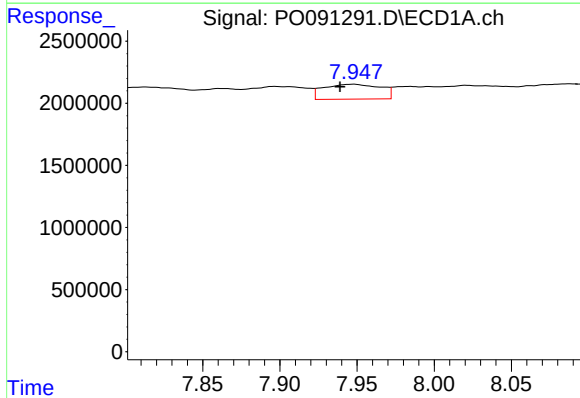
R.T.: 7.717 min
Delta R.T.: 0.004 min
Response: 1474605
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



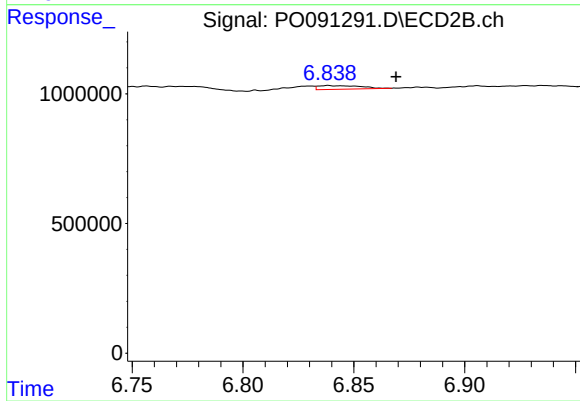
#33 AR-1260-3

R.T.: 6.378 min
Delta R.T.: -0.016 min
Response: 800672
Conc: 12.21 ng/ml



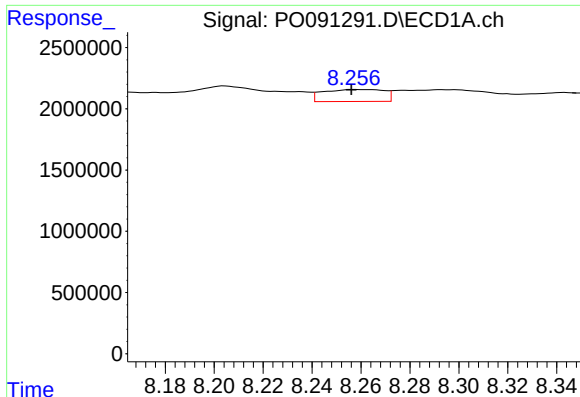
#34 AR-1260-4

R.T.: 7.948 min
Delta R.T.: 0.009 min
Response: 3077665
Conc: 22.71 ng/ml



#34 AR-1260-4

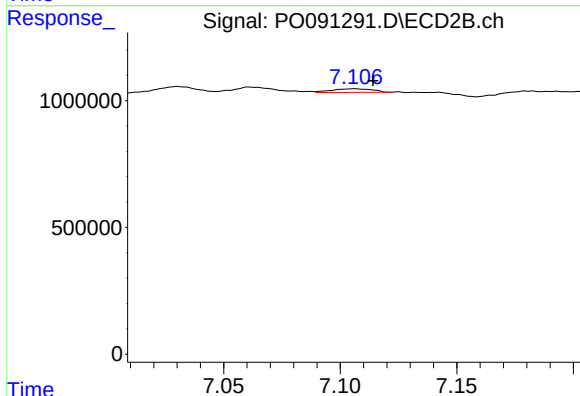
R.T.: 6.838 min
Delta R.T.: -0.031 min
Response: 185875
Conc: 3.89 ng/ml



#35 AR-1260-5

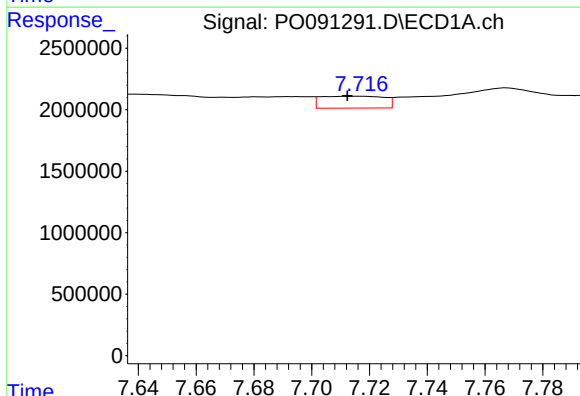
R.T.: 8.257 min
Delta R.T.: 0.001 min
Response: 1684043
Conc: 6.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



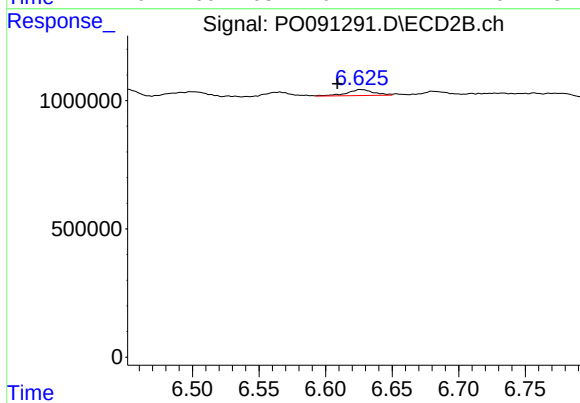
#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: -0.008 min
Response: 172621
Conc: 1.59 ng/ml



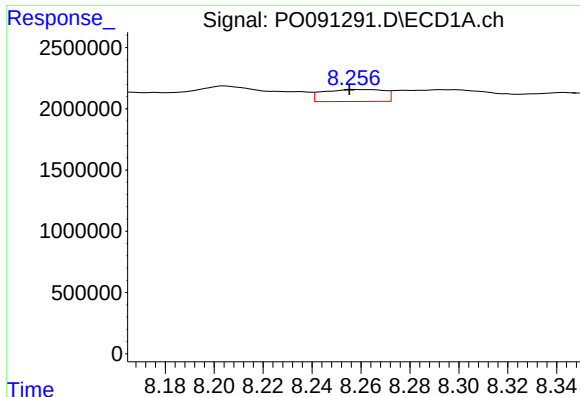
#36 AR-1262-1

R.T.: 7.717 min
Delta R.T.: 0.005 min
Response: 1474605
Conc: 8.07 ng/ml



#36 AR-1262-1

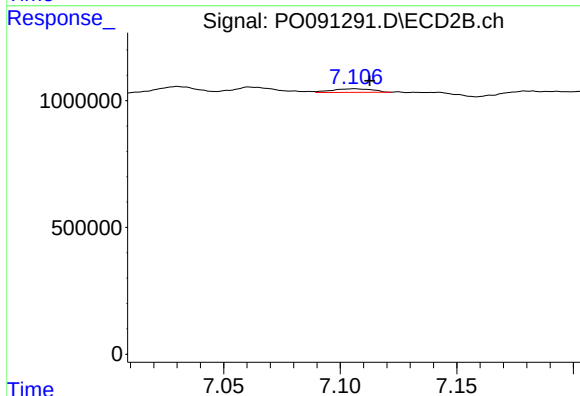
R.T.: 6.626 min
Delta R.T.: 0.017 min
Response: 321353
Conc: 4.28 ng/ml



#37 AR-1262-2

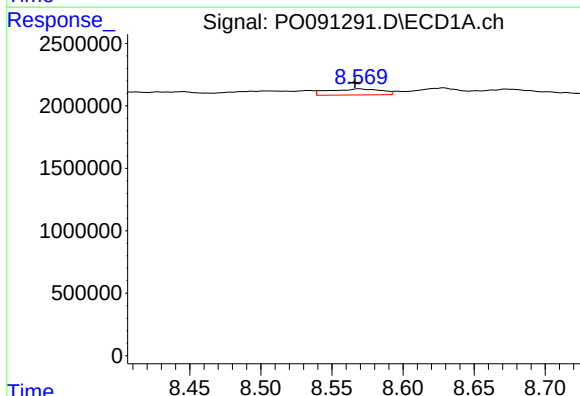
R.T.: 8.257 min
Delta R.T.: 0.002 min
Response: 1684043
Conc: 5.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



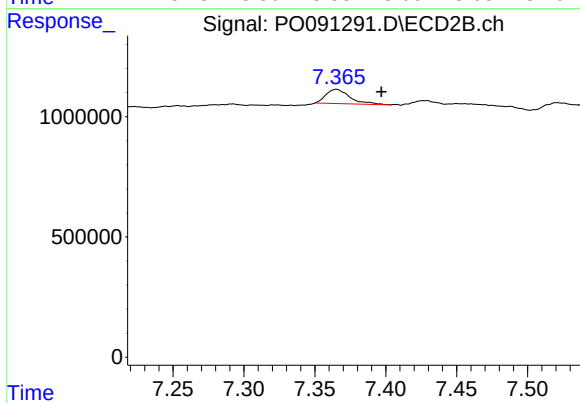
#37 AR-1262-2

R.T.: 7.106 min
Delta R.T.: -0.007 min
Response: 172621
Conc: 1.36 ng/ml



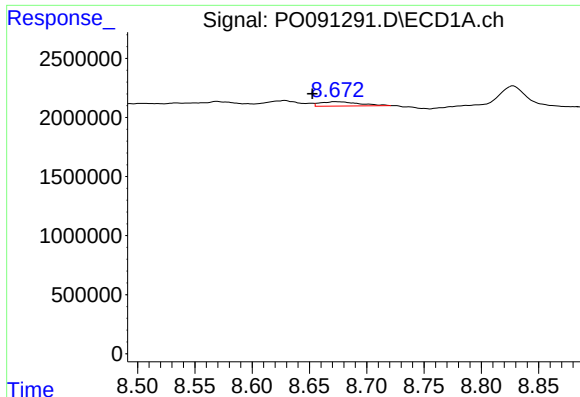
#38 AR-1262-3

R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 1233658
Conc: 5.72 ng/ml



#38 AR-1262-3

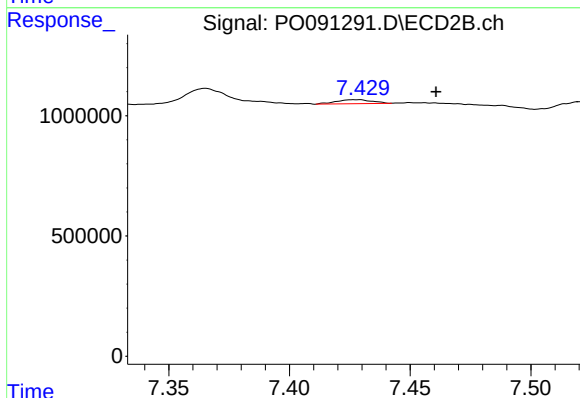
R.T.: 7.365 min
Delta R.T.: -0.032 min
Response: 699624
Conc: 13.28 ng/ml



#39 AR-1262-4

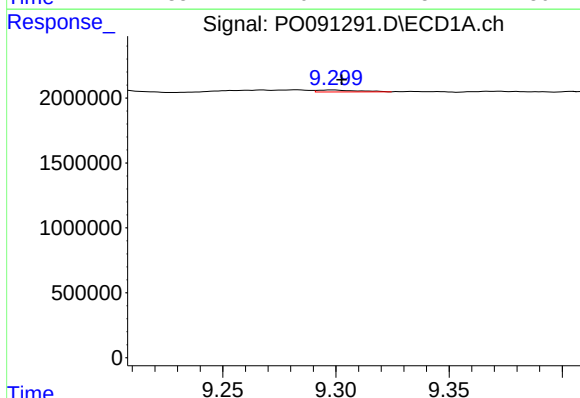
R.T.: 8.672 min
Delta R.T.: 0.020 min
Response: 960531
Conc: 9.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



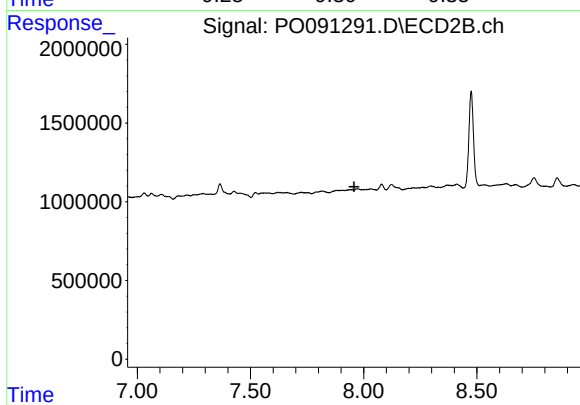
#39 AR-1262-4

R.T.: 7.429 min
Delta R.T.: -0.031 min
Response: 171172
Conc: 1.80 ng/ml



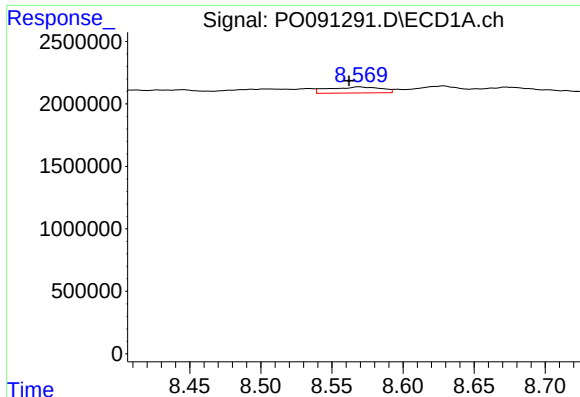
#40 AR-1262-5

R.T.: 9.299 min
Delta R.T.: -0.004 min
Response: 186512
Conc: 1.62 ng/ml



#40 AR-1262-5

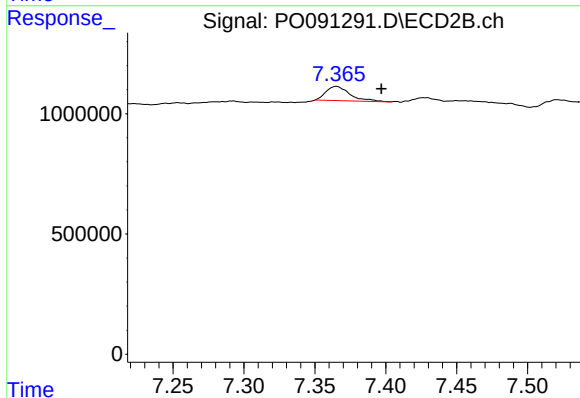
R.T.: 0.000 min
Exp R.T. : 7.957 min
Response: 0
Conc: N.D.



#41 AR-1268-1

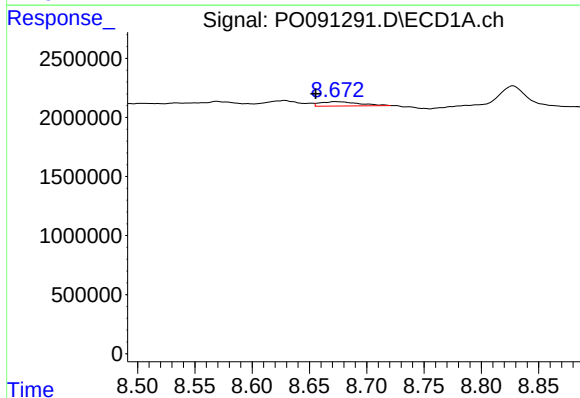
R.T.: 8.569 min
Delta R.T.: 0.007 min
Response: 1233658
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



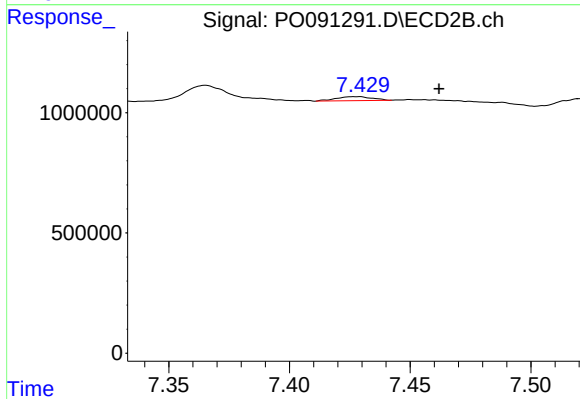
#41 AR-1268-1

R.T.: 7.365 min
Delta R.T.: -0.032 min
Response: 699624
Conc: 4.69 ng/ml



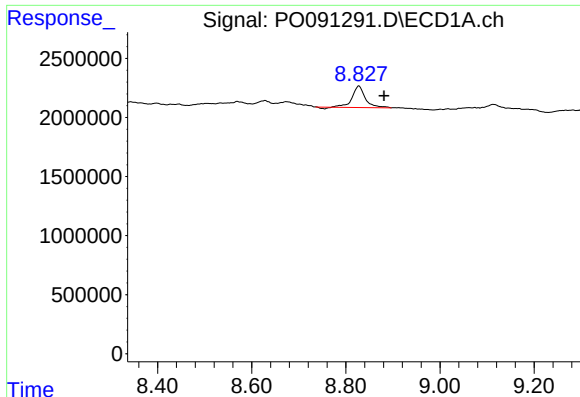
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: 0.017 min
Response: 960531
Conc: 2.89 ng/ml



#42 AR-1268-2

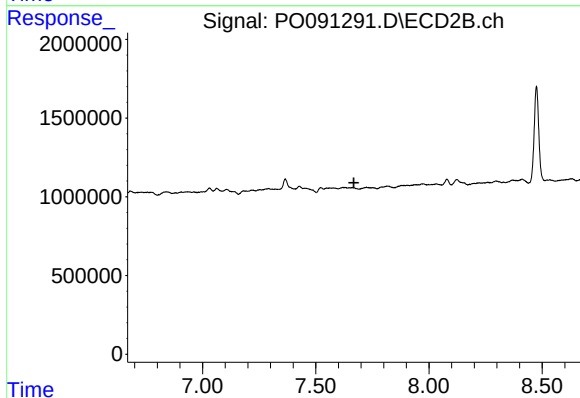
R.T.: 7.429 min
Delta R.T.: -0.033 min
Response: 171172
Conc: 1.27 ng/ml



#43 AR-1268-3

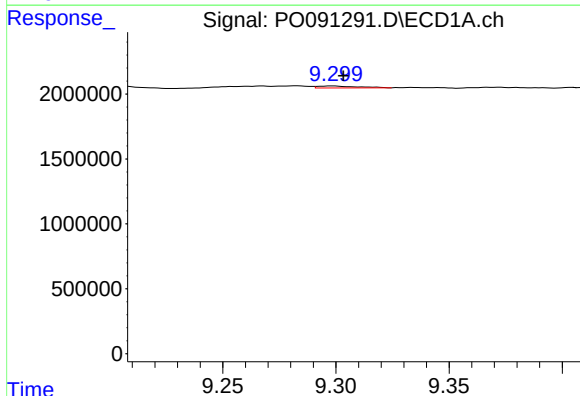
R.T.: 8.828 min
Delta R.T.: -0.054 min
Response: 3436967
Conc: 12.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



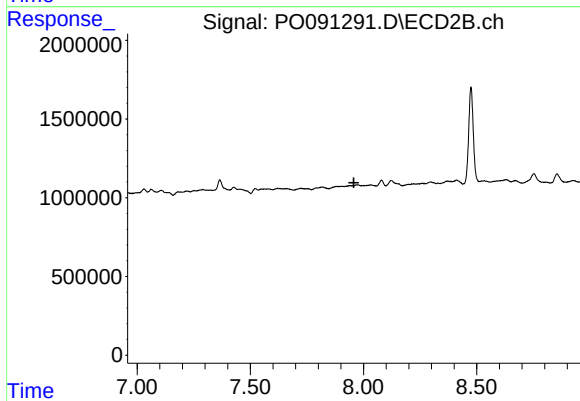
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.669 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 9.299 min
Delta R.T.: -0.005 min
Response: 186512
Conc: 1.51 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.958 min
Response: 0
Conc: N.D.