

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102822\
 Data File : P0090014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 16:27
 Operator : YP/AJ
 Sample : N4955-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:56:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 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...	4.306	3.484	54418938	17748480	16.932	16.700
2)	SA Decachlor...	10.050	8.492	47918781	18643573	19.554	18.102
Target Compounds							
3)	L1 AR-1016-1	5.480	4.570	1886139	660215	17.732	17.092
4)	L1 AR-1016-2	5.503	4.588	2806891	922886	18.426	17.252
5)	L1 AR-1016-3	5.564	4.765	1954675	499061	20.687	17.190
6)	L1 AR-1016-4	5.663	4.806	1286219	424171	17.152	17.088
7)	L1 AR-1016-5	5.960	5.020	1472945	501734	19.084	16.333
8)	L2 AR-1221-1	4.514	3.769f	9373858	1082900	245.578	81.055 #
9)	L2 AR-1221-2	4.609	3.769	1338546	1082900	47.085	106.702 #
10)	L2 AR-1221-3	4.678	3.857	1267327	341937	14.800	10.992 #
11)	L3 AR-1232-1	4.678	3.857	1267327	341937	19.353	14.373 #
12)	L3 AR-1232-2	5.210	4.588	1476243	922886	38.402	38.513
13)	L3 AR-1232-3	5.503	4.765	2806891	499061	41.887	39.300
14)	L3 AR-1232-4	5.663	4.848	1286219	520223	38.955	42.667
15)	L3 AR-1232-5	5.756	5.020	1284645	501734	48.490	37.578
16)	L4 AR-1242-1	5.480	4.570	1886139	660215	22.796	22.176
17)	L4 AR-1242-2	5.503	4.588	2806891	922886	23.767	22.689
18)	L4 AR-1242-3	5.564	4.765	1954675	499061	26.260	22.569
19)	L4 AR-1242-4	5.663	4.848	1286219	520223	22.077	21.938
20)	L4 AR-1242-5	6.406	5.373	440211	471395	7.161	16.479 #
21)	L5 AR-1248-1	5.480	4.570	1886139	660215	29.822	29.082
22)	L5 AR-1248-2	5.756	4.806	1284645	424171	13.565	13.047
23)	L5 AR-1248-3	5.960	4.848	1472945	520223	14.942	15.433
24)	L5 AR-1248-4	6.366	5.020	504938	501734	4.736	12.974 #
25)	L5 AR-1248-5	6.406	5.413	440211	7261	4.191	0.201 #
26)	L6 AR-1254-1	6.340	5.373	1365447	471395	11.782	8.003 #
27)	L6 AR-1254-2	6.560	5.522	1201991	384941	6.911	7.184
28)	L6 AR-1254-3	6.927	5.943	724191	727221	4.171	8.774 #
29)	L6 AR-1254-4	7.217	6.188	469223	190965	3.681	3.845
30)	L6 AR-1254-5	7.634	6.577	3343184	1280071	23.734	17.096 #
31)	L7 AR-1260-1	7.094	6.059	2931949	1078073	20.915	17.908
32)	L7 AR-1260-2	7.353	6.249	3628987	1323535	22.432	18.321
33)	L7 AR-1260-3	7.714	6.402	2149900	1115809	20.464	16.745
34)	L7 AR-1260-4	7.939	6.877	2514118	1002170	20.350	19.699
35)	L7 AR-1260-5	8.255	7.120	4533206	2230252	19.921	19.201
36)	L8 AR-1262-1	7.714	6.616	2149900	1024569	12.969	13.522
37)	L8 AR-1262-2	8.255	7.120	4533206	2230252	16.135	17.392
38)	L8 AR-1262-3	8.573	7.405	3161920	743975	16.103	13.661
39)	L8 AR-1262-4	8.651	7.468	1032689	1593706	10.613	16.410 #
40)	L8 AR-1262-5	9.302	7.965	1307289	699094	12.406	14.730
41)	L9 AR-1268-1	8.573	7.405	3161920	743975	9.069	4.722 #

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 Operator : YP/AJ
 Sample : N4955-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

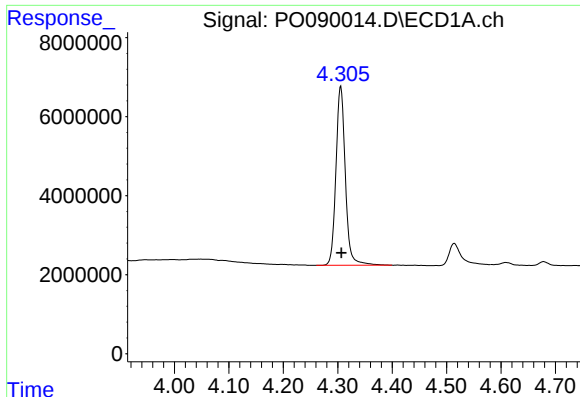
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:56:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
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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	8.651	7.468	1032689	1593706	3.310	11.359 #
43) L9	AR-1268-3	8.877	0.000	106502	0	0.396	N.D. #
44) L9	AR-1268-4	9.302	7.965	1307289	699094	11.219	12.872
45) L9	AR-1268-5	9.707	8.246	529851	226560	0.618	0.647

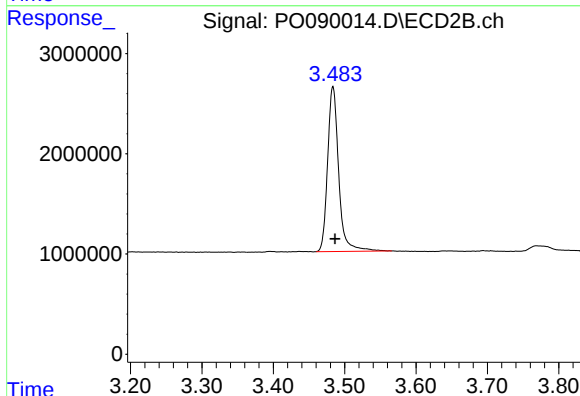
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

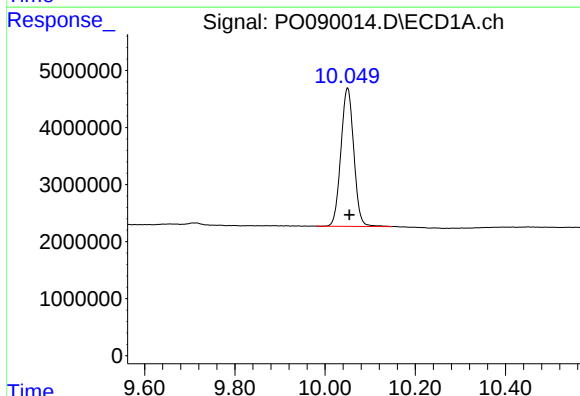
R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 54418938
Conc: 16.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



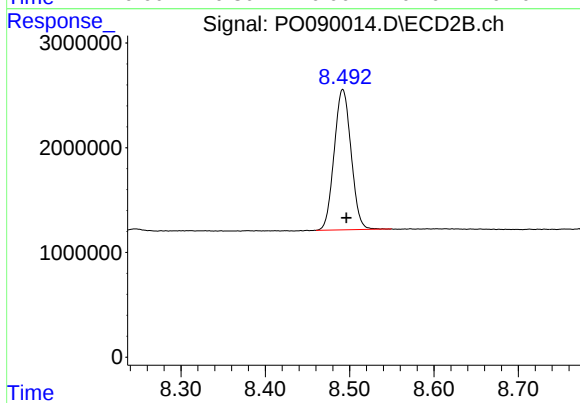
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.003 min
Response: 17748480
Conc: 16.70 ng/ml



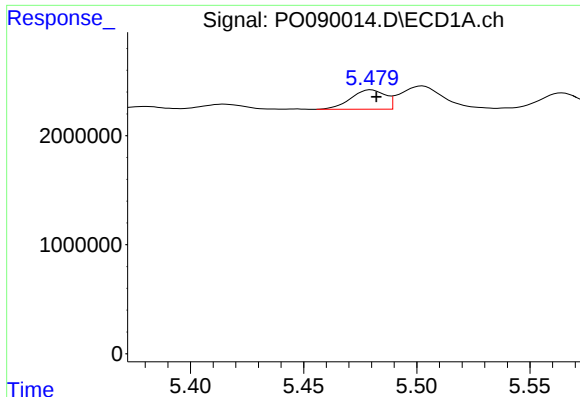
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.004 min
Response: 47918781
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

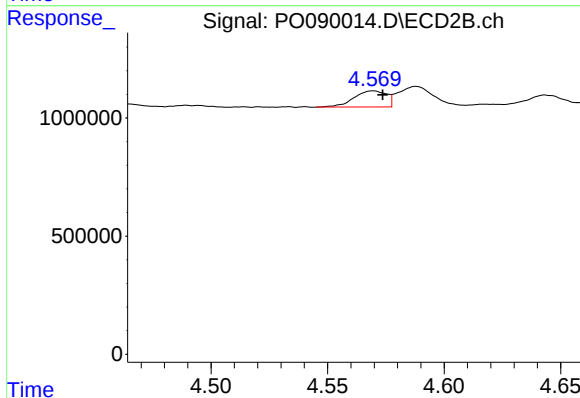
R.T.: 8.492 min
Delta R.T.: -0.005 min
Response: 18643573
Conc: 18.10 ng/ml



#3 AR-1016-1

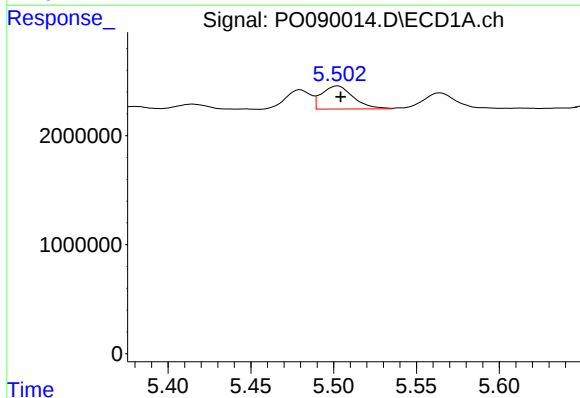
R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 1886139
Conc: 17.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



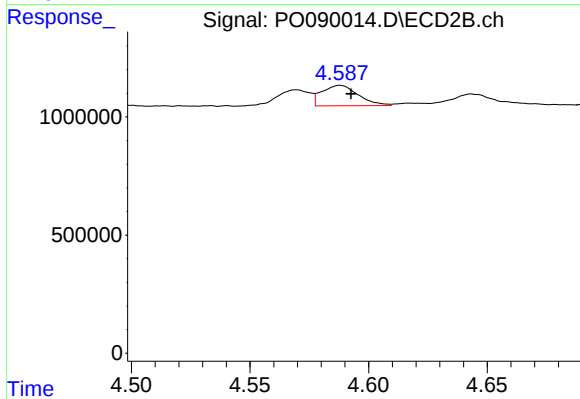
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: -0.004 min
Response: 660215
Conc: 17.09 ng/ml



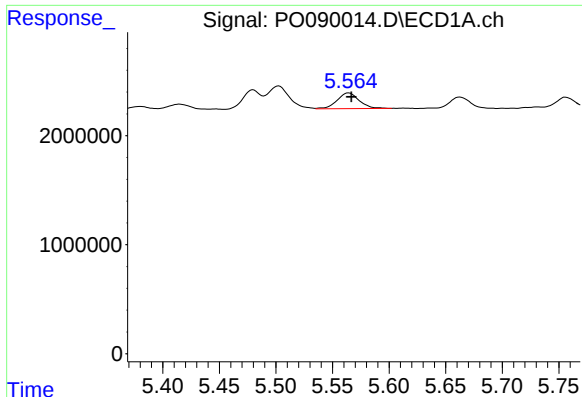
#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 2806891
Conc: 18.43 ng/ml



#4 AR-1016-2

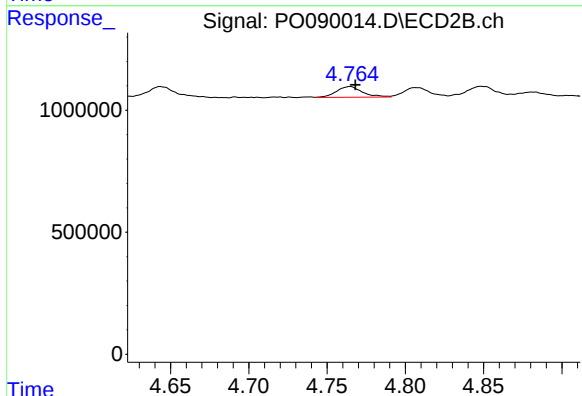
R.T.: 4.588 min
Delta R.T.: -0.005 min
Response: 922886
Conc: 17.25 ng/ml



#5 AR-1016-3

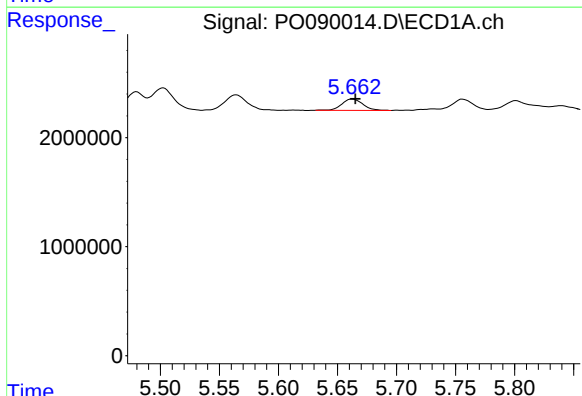
R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 1954675
Conc: 20.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



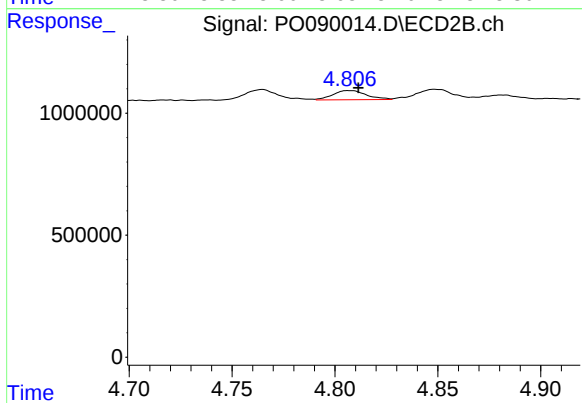
#5 AR-1016-3

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 499061
Conc: 17.19 ng/ml



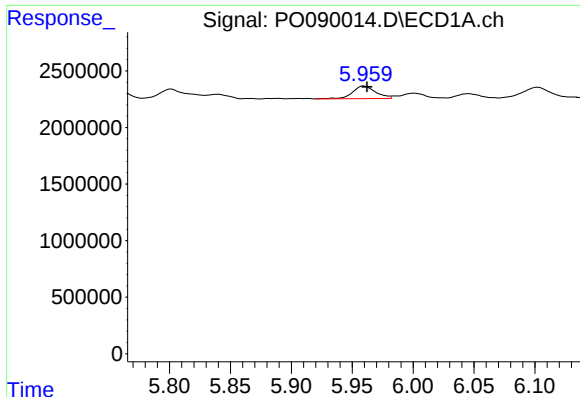
#6 AR-1016-4

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 1286219
Conc: 17.15 ng/ml



#6 AR-1016-4

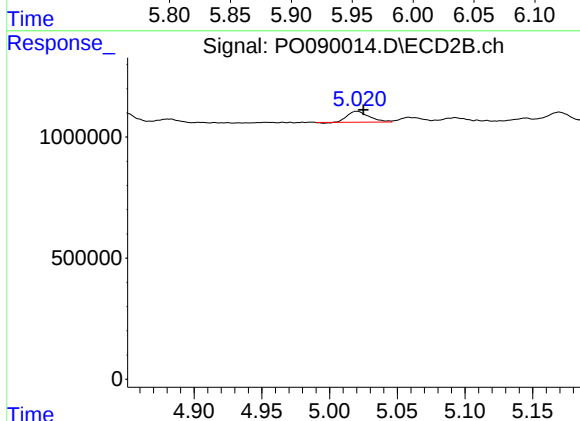
R.T.: 4.806 min
Delta R.T.: -0.005 min
Response: 424171
Conc: 17.09 ng/ml



#7 AR-1016-5

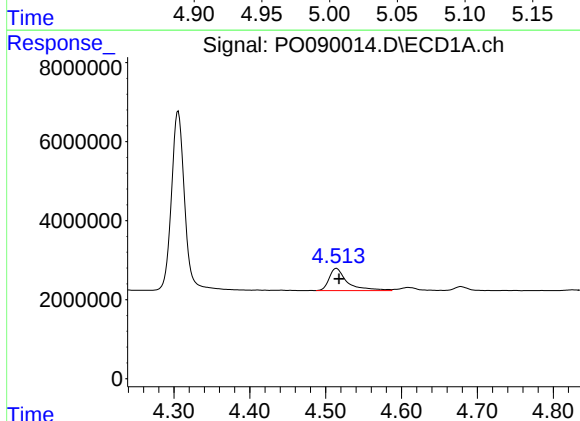
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 1472945
Conc: 19.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



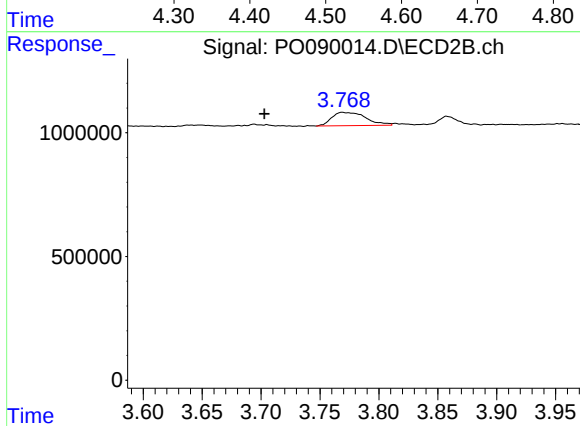
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 501734
Conc: 16.33 ng/ml



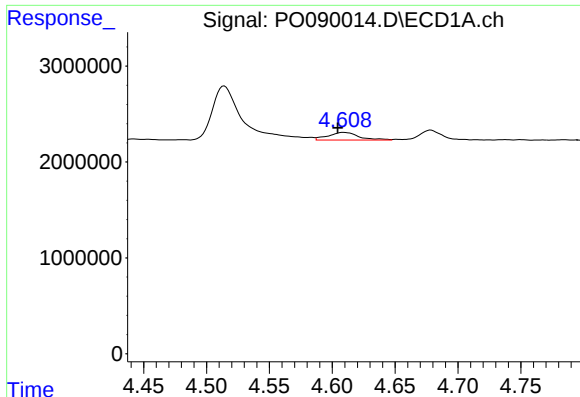
#8 AR-1221-1

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 9373858
Conc: 245.58 ng/ml



#8 AR-1221-1

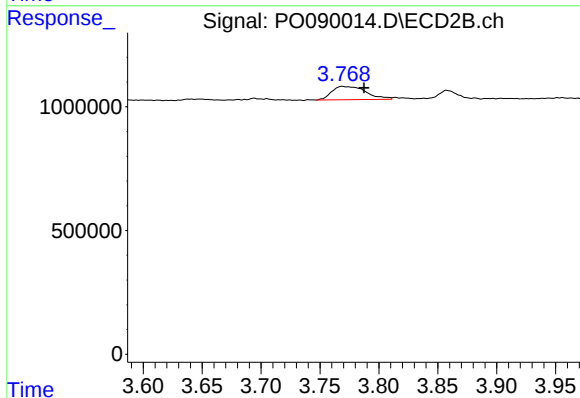
R.T.: 3.769 min
Delta R.T.: 0.066 min
Response: 1082900
Conc: 81.06 ng/ml



#9 AR-1221-2

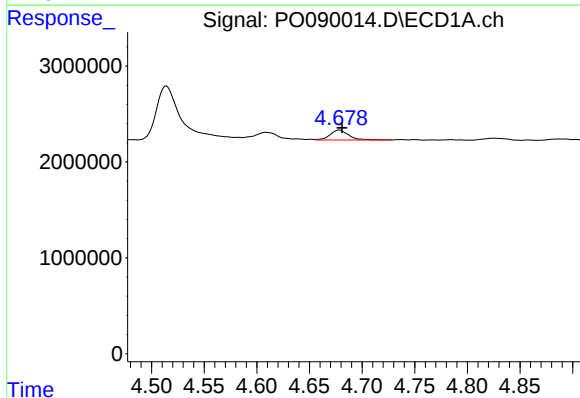
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 1338546
Conc: 47.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



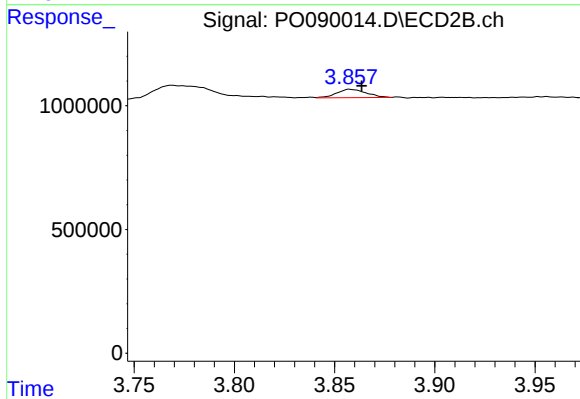
#9 AR-1221-2

R.T.: 3.769 min
Delta R.T.: -0.019 min
Response: 1082900
Conc: 106.70 ng/ml



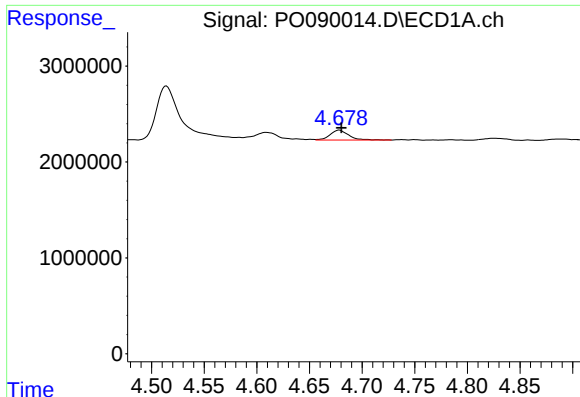
#10 AR-1221-3

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 1267327
Conc: 14.80 ng/ml



#10 AR-1221-3

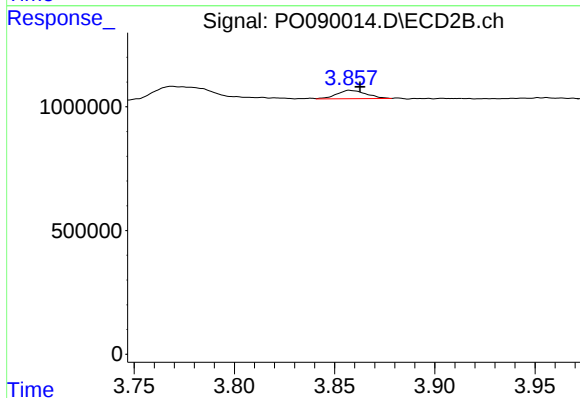
R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 341937
Conc: 10.99 ng/ml



#11 AR-1232-1

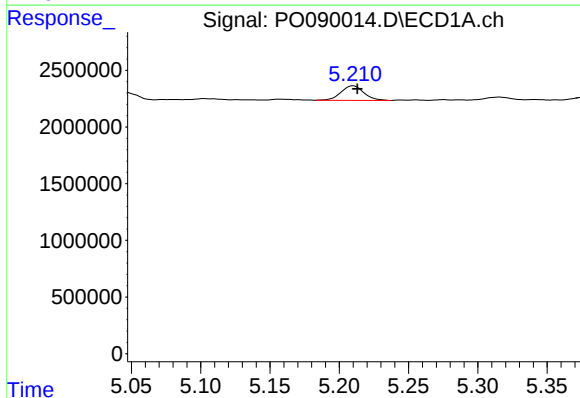
R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 1267327
Conc: 19.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



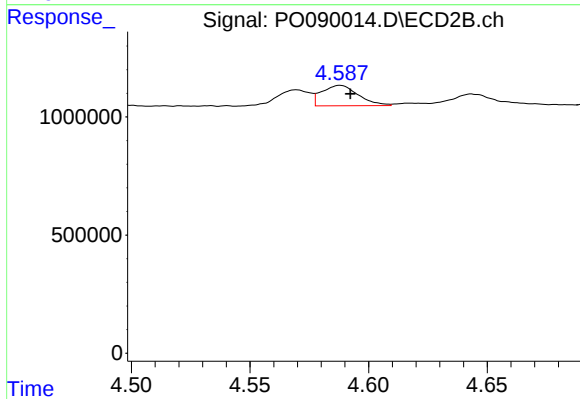
#11 AR-1232-1

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 341937
Conc: 14.37 ng/ml



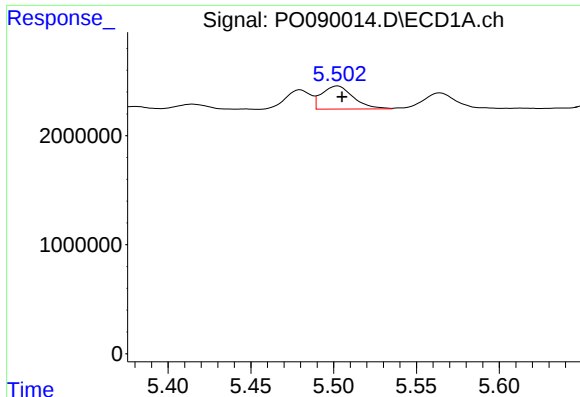
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.003 min
Response: 1476243
Conc: 38.40 ng/ml



#12 AR-1232-2

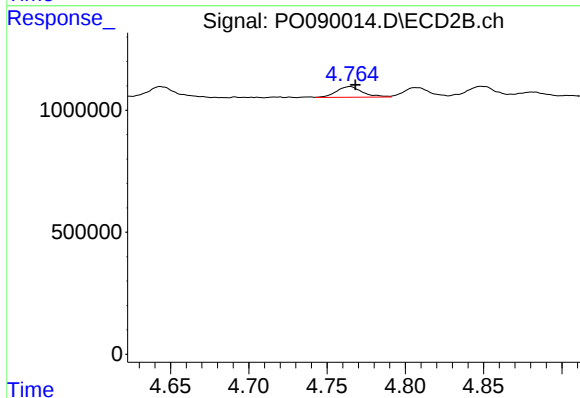
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 922886
Conc: 38.51 ng/ml



#13 AR-1232-3

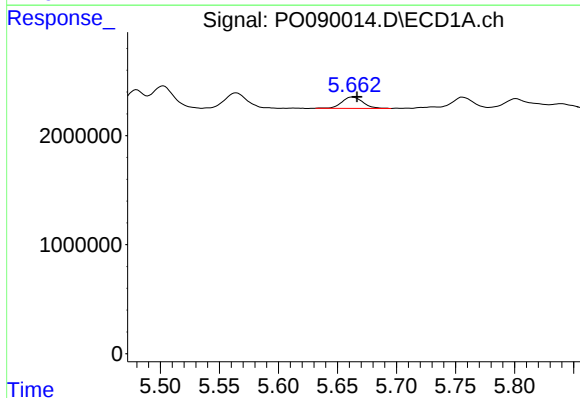
R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 2806891
Conc: 41.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



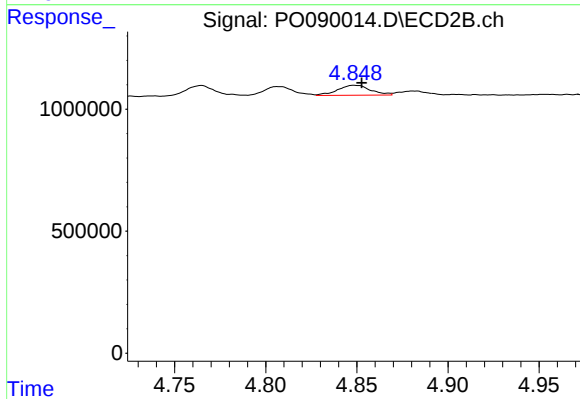
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 499061
Conc: 39.30 ng/ml



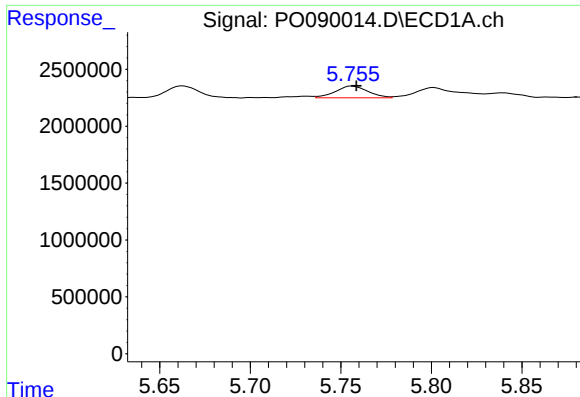
#14 AR-1232-4

R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 1286219
Conc: 38.96 ng/ml



#14 AR-1232-4

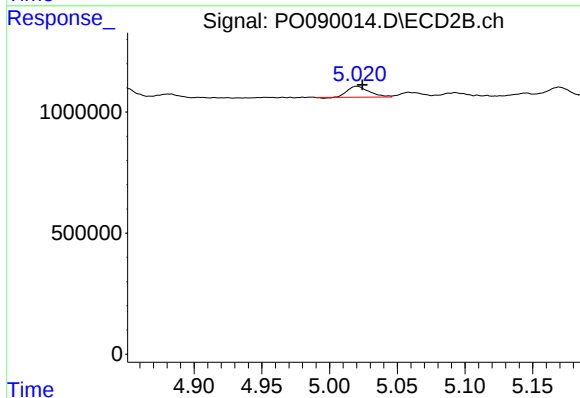
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 520223
Conc: 42.67 ng/ml



#15 AR-1232-5

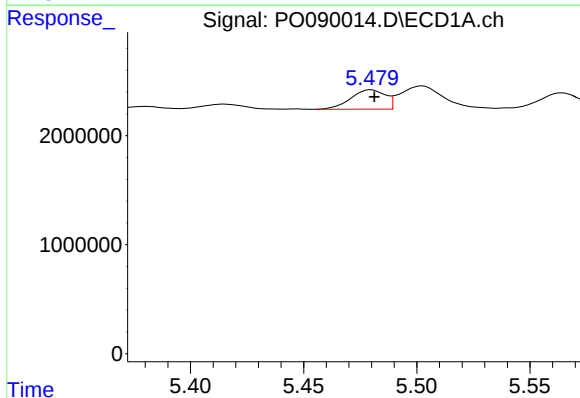
R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 1284645
Conc: 48.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



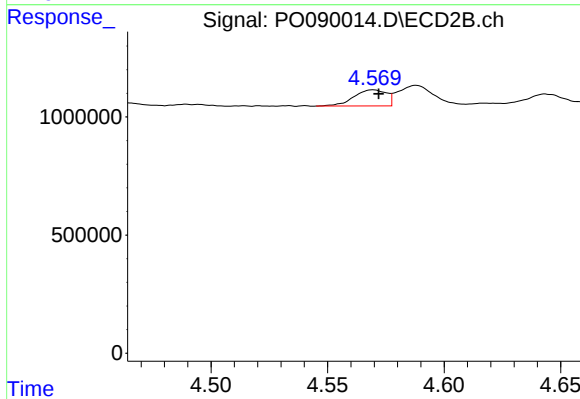
#15 AR-1232-5

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 501734
Conc: 37.58 ng/ml



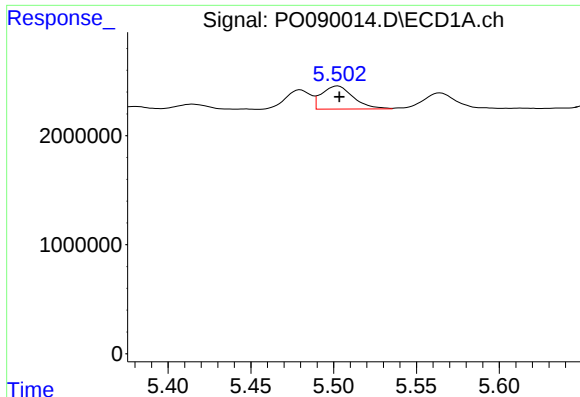
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 1886139
Conc: 22.80 ng/ml



#16 AR-1242-1

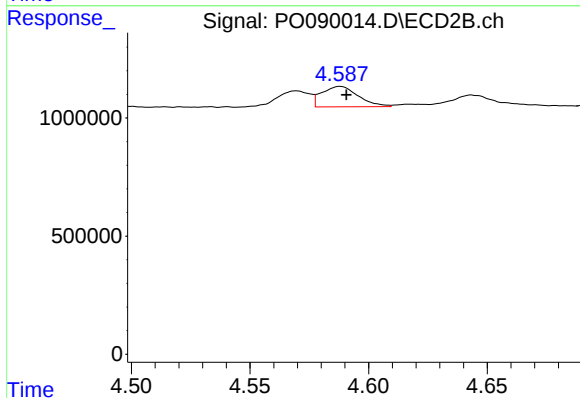
R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 660215
Conc: 22.18 ng/ml



#17 AR-1242-2

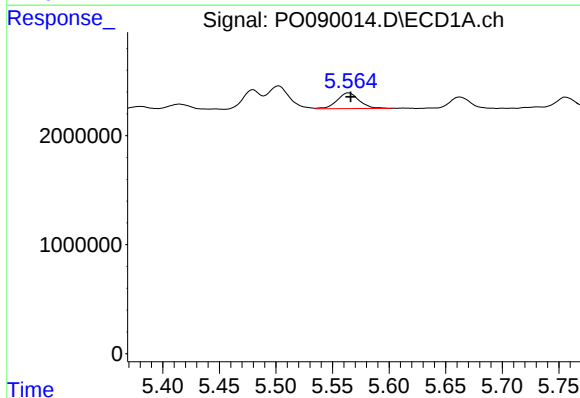
R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2806891
Conc: 23.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



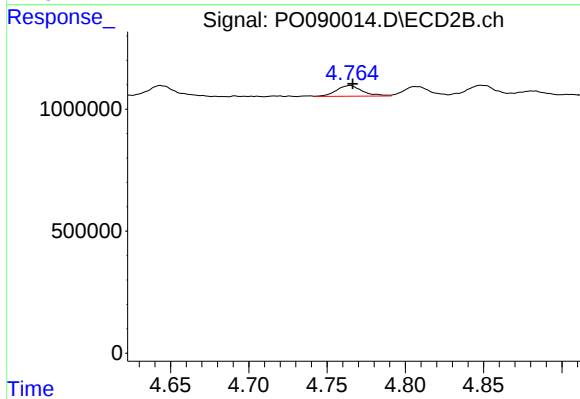
#17 AR-1242-2

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 922886
Conc: 22.69 ng/ml



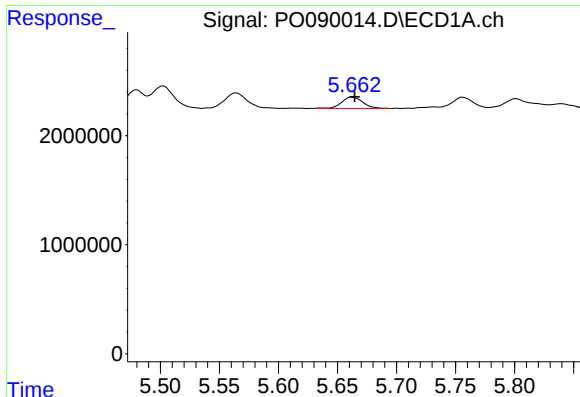
#18 AR-1242-3

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 1954675
Conc: 26.26 ng/ml



#18 AR-1242-3

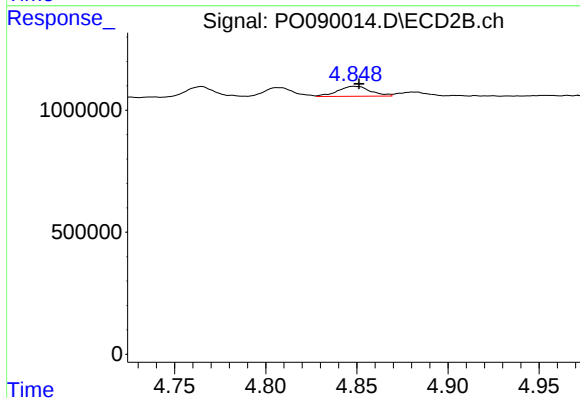
R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 499061
Conc: 22.57 ng/ml



#19 AR-1242-4

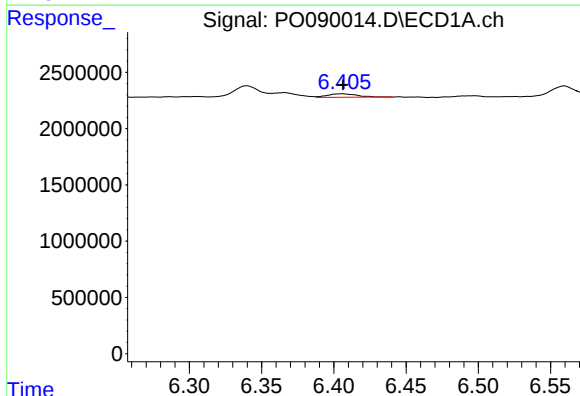
R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 1286219
Conc: 22.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



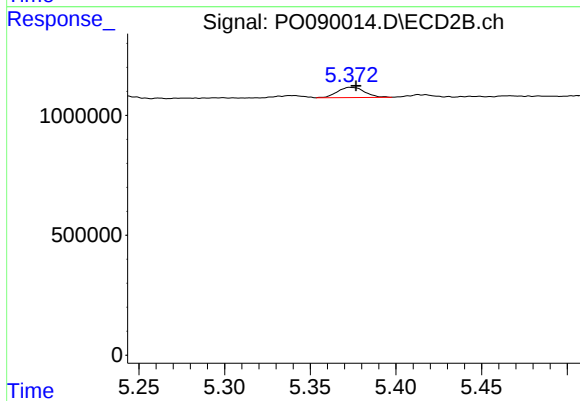
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: -0.003 min
Response: 520223
Conc: 21.94 ng/ml



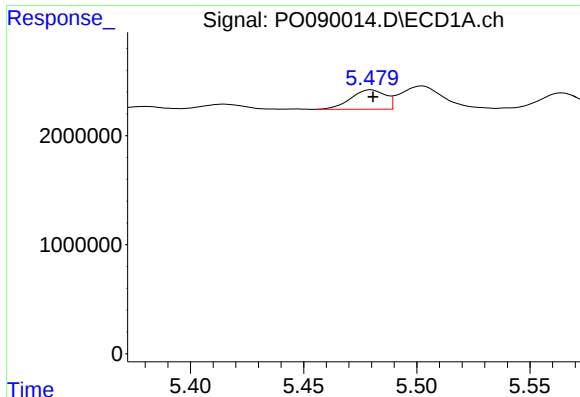
#20 AR-1242-5

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 440211
Conc: 7.16 ng/ml



#20 AR-1242-5

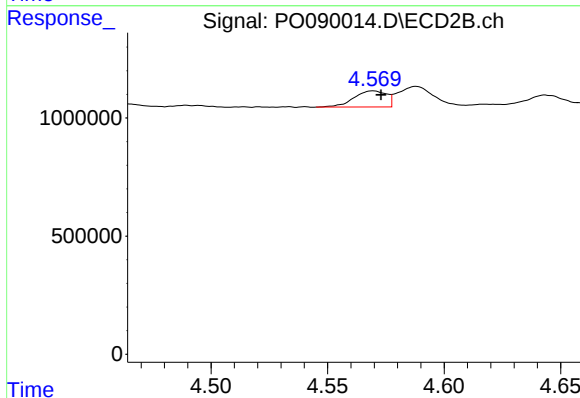
R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 471395
Conc: 16.48 ng/ml



#21 AR-1248-1

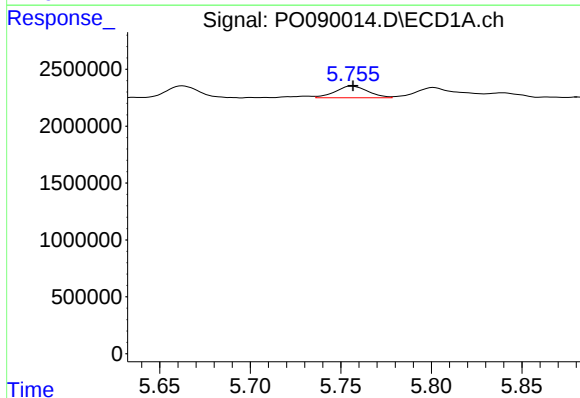
R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 1886139
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



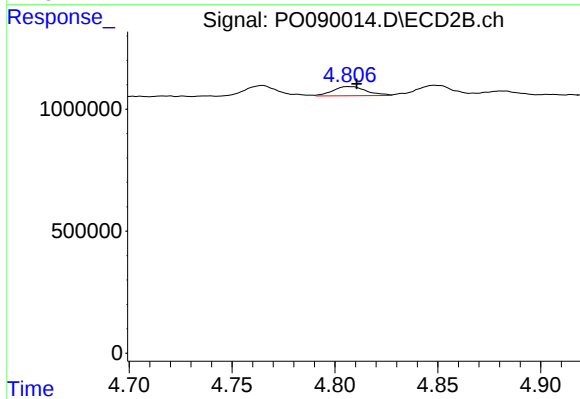
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 660215
Conc: 29.08 ng/ml



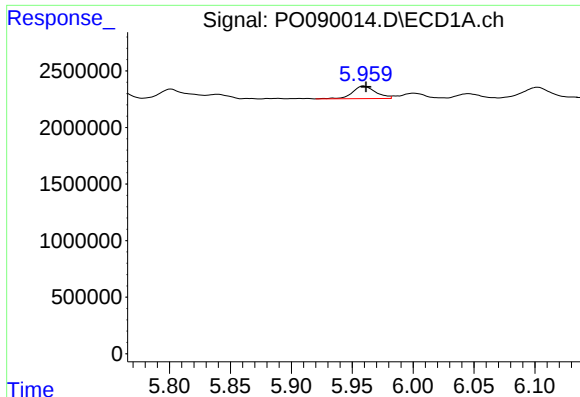
#22 AR-1248-2

R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 1284645
Conc: 13.57 ng/ml



#22 AR-1248-2

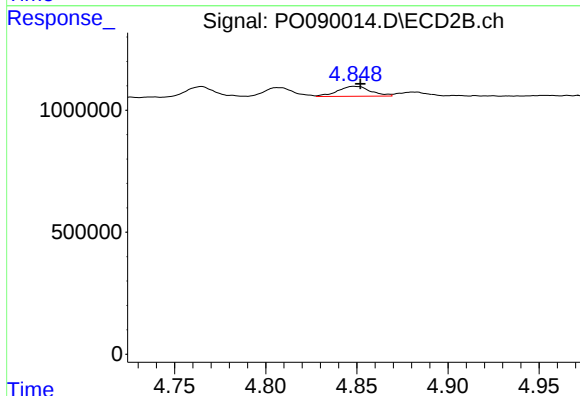
R.T.: 4.806 min
Delta R.T.: -0.004 min
Response: 424171
Conc: 13.05 ng/ml



#23 AR-1248-3

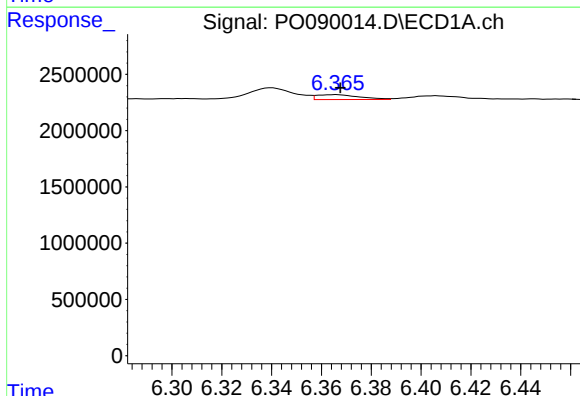
R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 1472945
Conc: 14.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



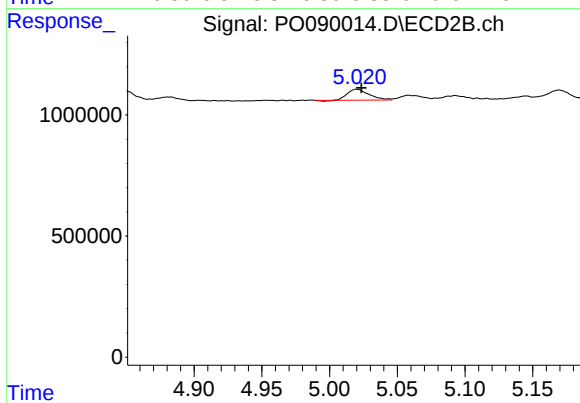
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 520223
Conc: 15.43 ng/ml



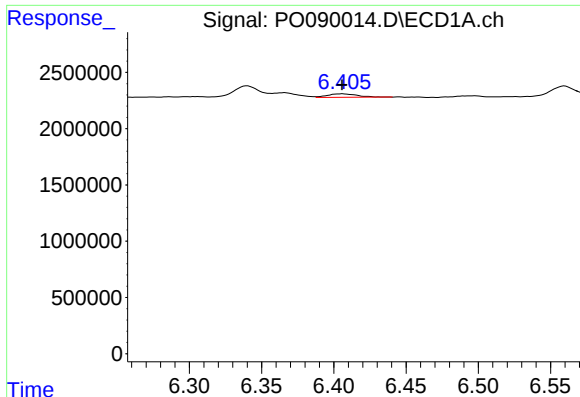
#24 AR-1248-4

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 504938
Conc: 4.74 ng/ml



#24 AR-1248-4

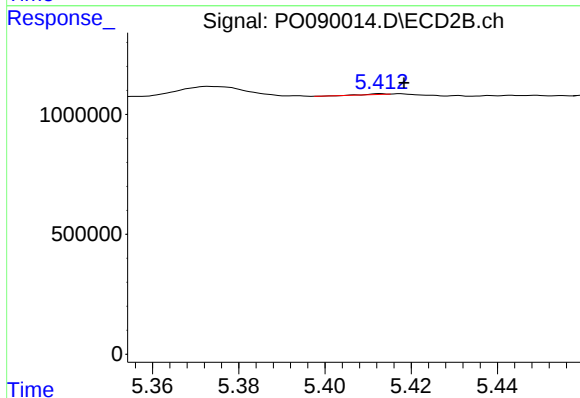
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 501734
Conc: 12.97 ng/ml



#25 AR-1248-5

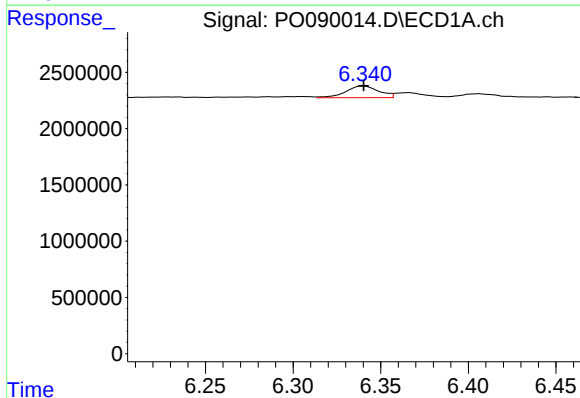
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 440211
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



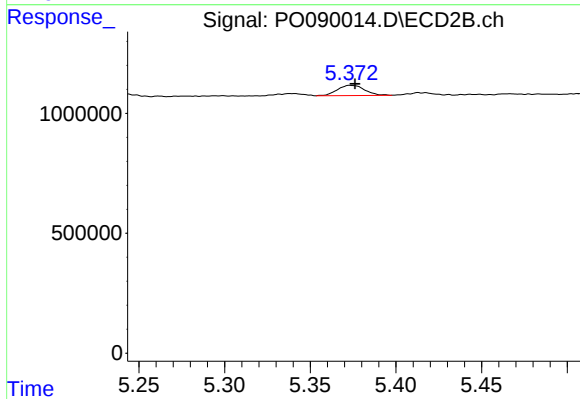
#25 AR-1248-5

R.T.: 5.413 min
Delta R.T.: -0.005 min
Response: 7261
Conc: 0.20 ng/ml



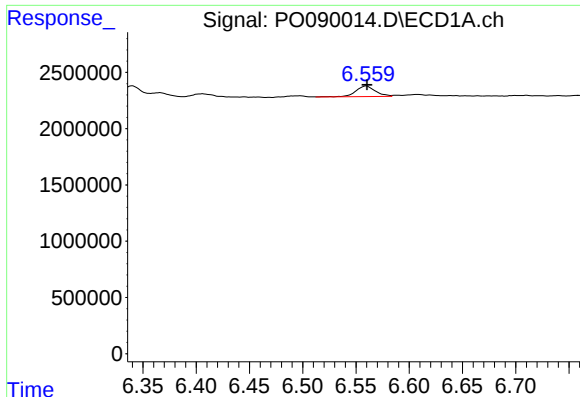
#26 AR-1254-1

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1365447
Conc: 11.78 ng/ml



#26 AR-1254-1

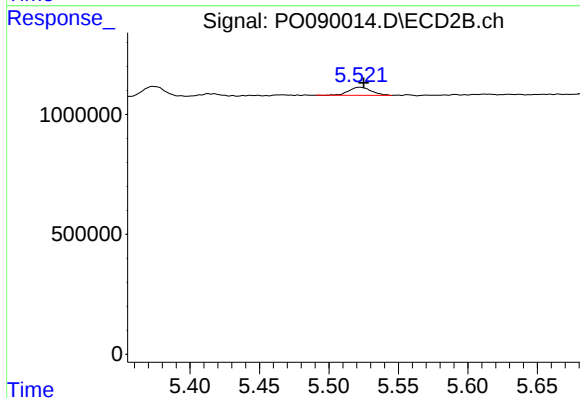
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 471395
Conc: 8.00 ng/ml



#27 AR-1254-2

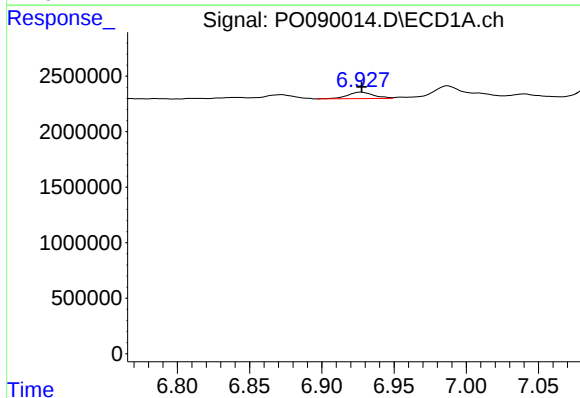
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1201991
Conc: 6.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



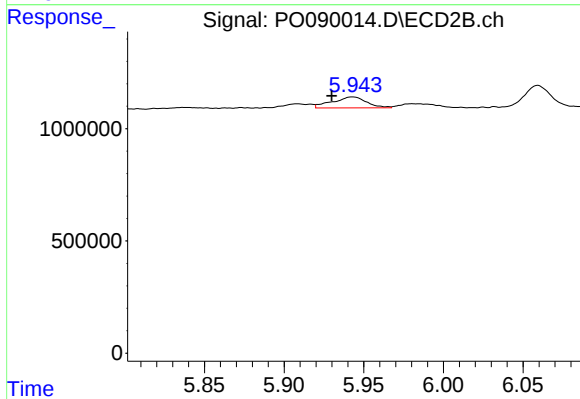
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 384941
Conc: 7.18 ng/ml



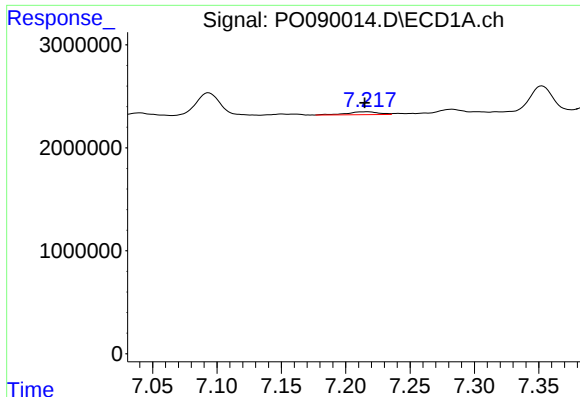
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 724191
Conc: 4.17 ng/ml



#28 AR-1254-3

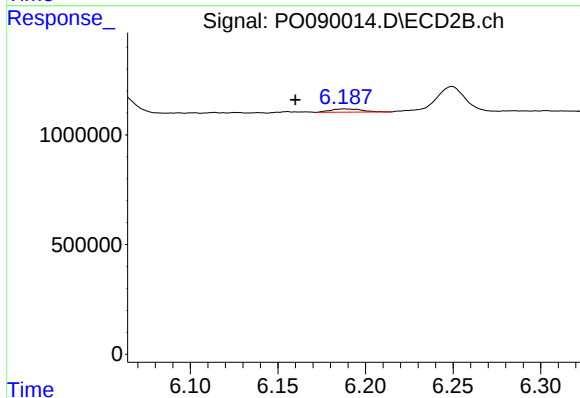
R.T.: 5.943 min
Delta R.T.: 0.013 min
Response: 727221
Conc: 8.77 ng/ml



#29 AR-1254-4

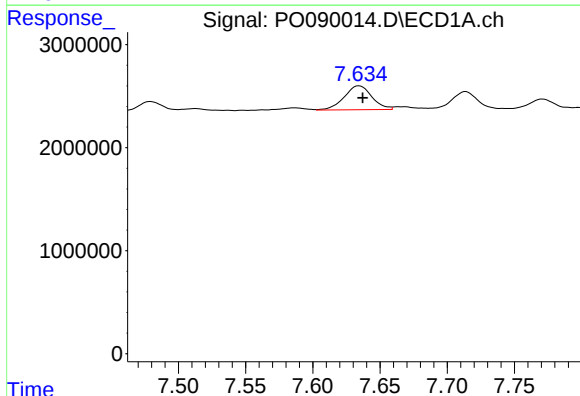
R.T.: 7.217 min
Delta R.T.: 0.002 min
Response: 469223
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



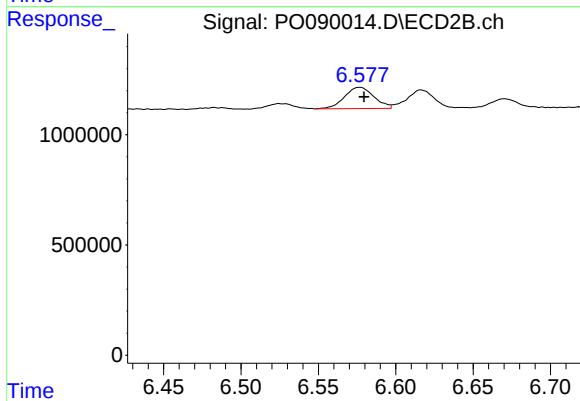
#29 AR-1254-4

R.T.: 6.188 min
Delta R.T.: 0.028 min
Response: 190965
Conc: 3.85 ng/ml



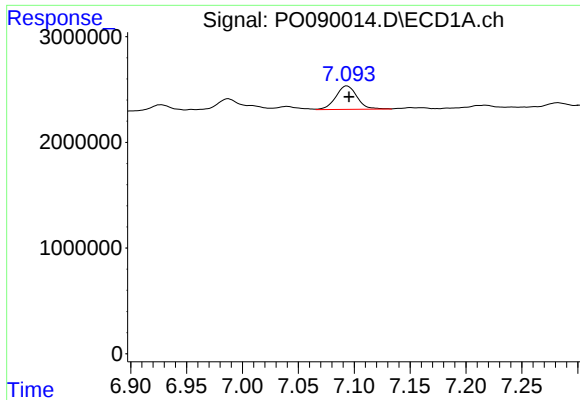
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 3343184
Conc: 23.73 ng/ml



#30 AR-1254-5

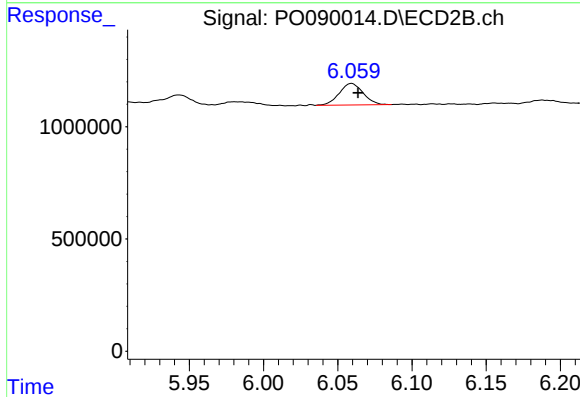
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 1280071
Conc: 17.10 ng/ml



#31 AR-1260-1

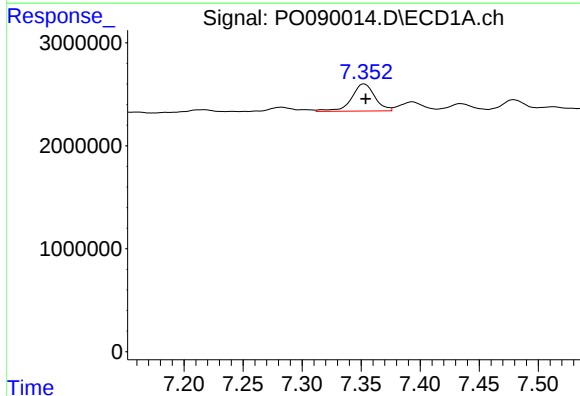
R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 2931949
Conc: 20.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



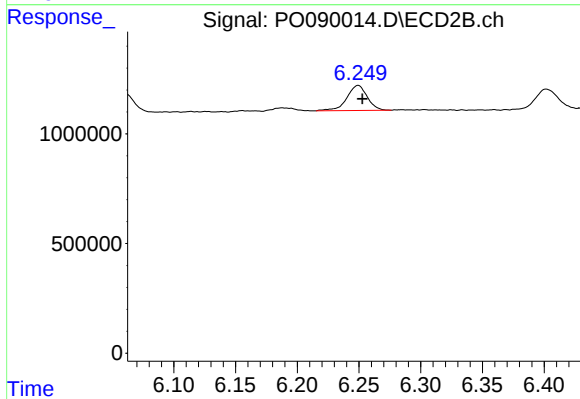
#31 AR-1260-1

R.T.: 6.059 min
Delta R.T.: -0.004 min
Response: 1078073
Conc: 17.91 ng/ml



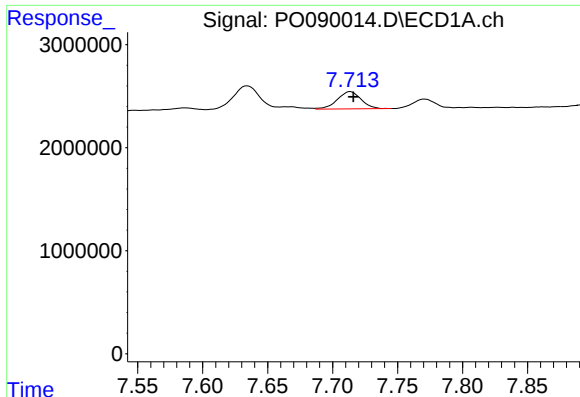
#32 AR-1260-2

R.T.: 7.353 min
Delta R.T.: -0.002 min
Response: 3628987
Conc: 22.43 ng/ml



#32 AR-1260-2

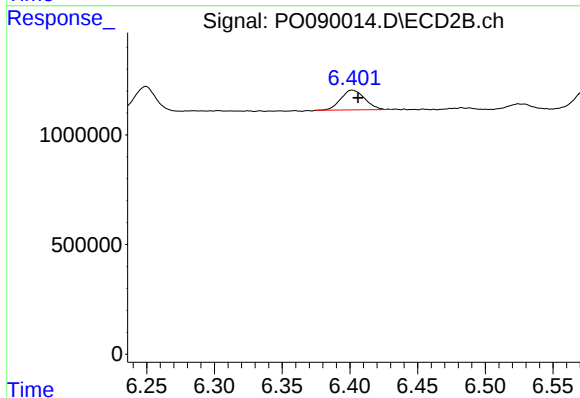
R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 1323535
Conc: 18.32 ng/ml



#33 AR-1260-3

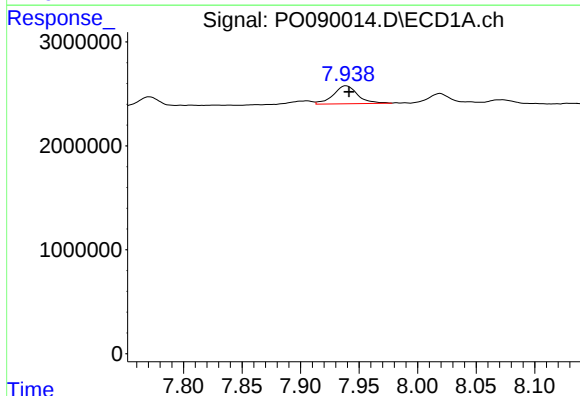
R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 2149900
Conc: 20.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



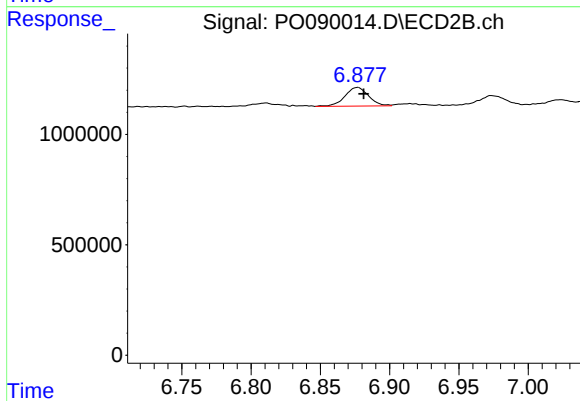
#33 AR-1260-3

R.T.: 6.402 min
Delta R.T.: -0.005 min
Response: 1115809
Conc: 16.75 ng/ml



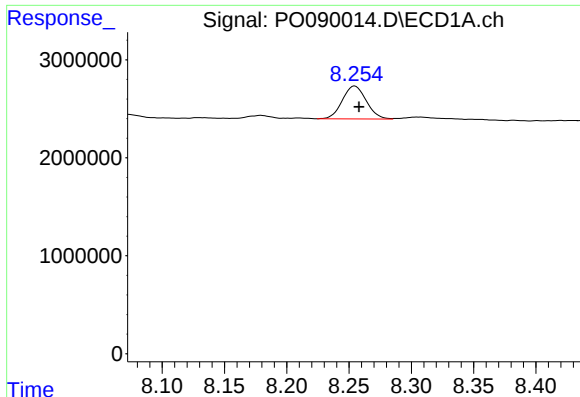
#34 AR-1260-4

R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 2514118
Conc: 20.35 ng/ml



#34 AR-1260-4

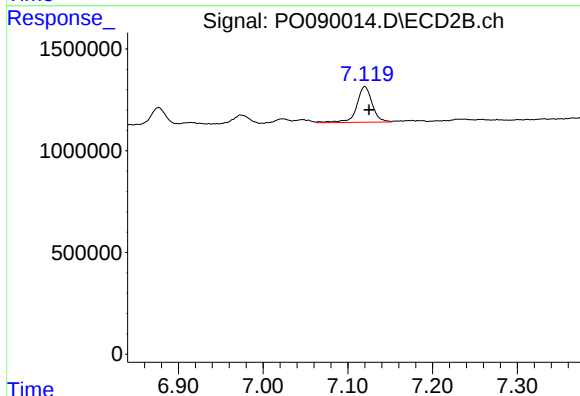
R.T.: 6.877 min
Delta R.T.: -0.004 min
Response: 1002170
Conc: 19.70 ng/ml



#35 AR-1260-5

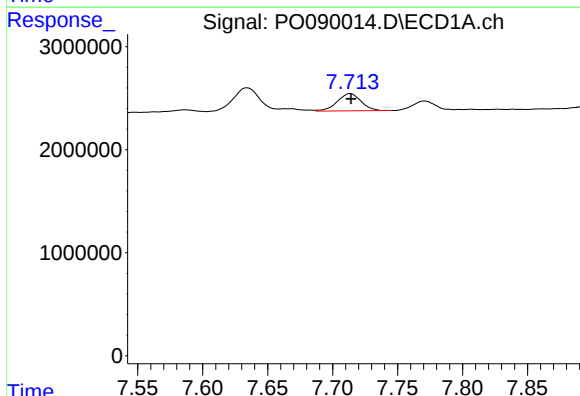
R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 4533206
Conc: 19.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



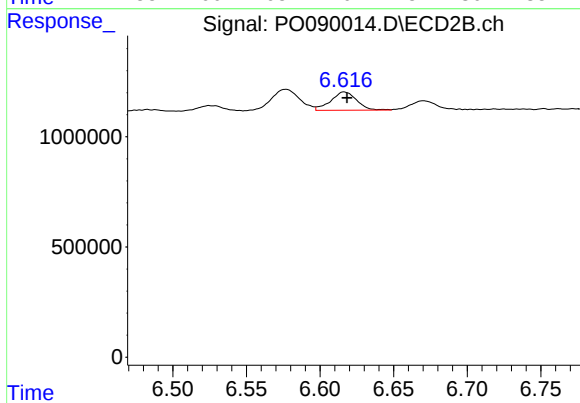
#35 AR-1260-5

R.T.: 7.120 min
Delta R.T.: -0.005 min
Response: 2230252
Conc: 19.20 ng/ml



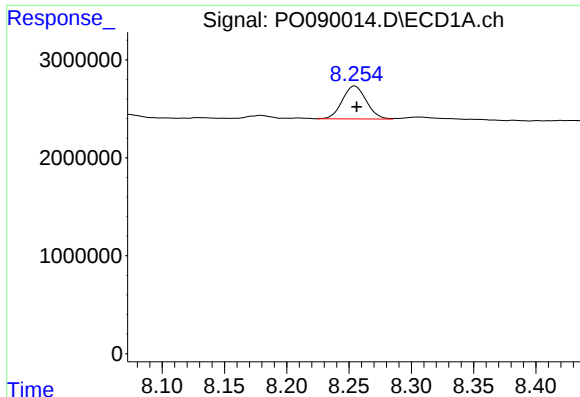
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2149900
Conc: 12.97 ng/ml



#36 AR-1262-1

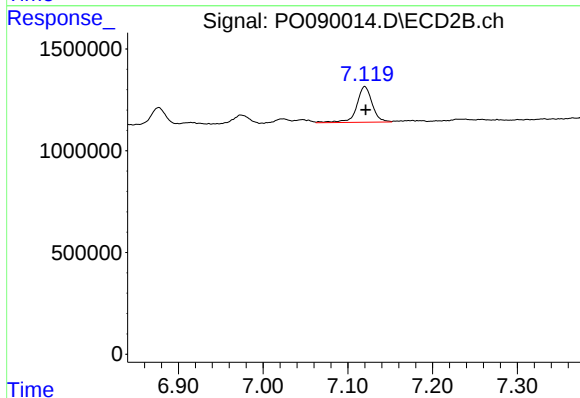
R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 1024569
Conc: 13.52 ng/ml



#37 AR-1262-2

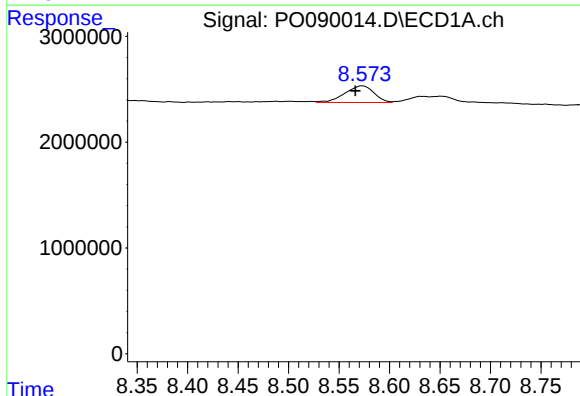
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 4533206
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



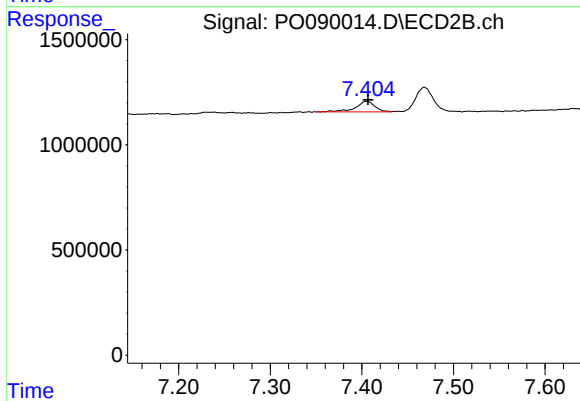
#37 AR-1262-2

R.T.: 7.120 min
Delta R.T.: -0.001 min
Response: 2230252
Conc: 17.39 ng/ml



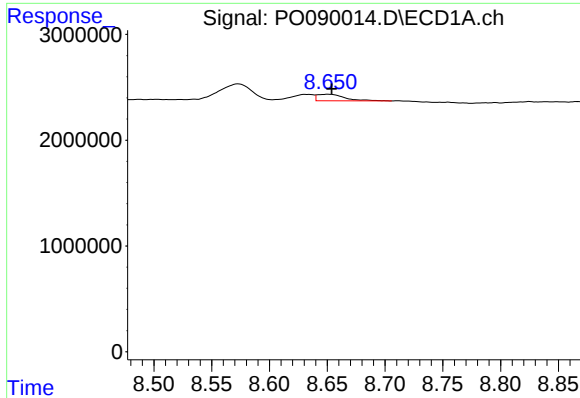
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 3161920
Conc: 16.10 ng/ml



#38 AR-1262-3

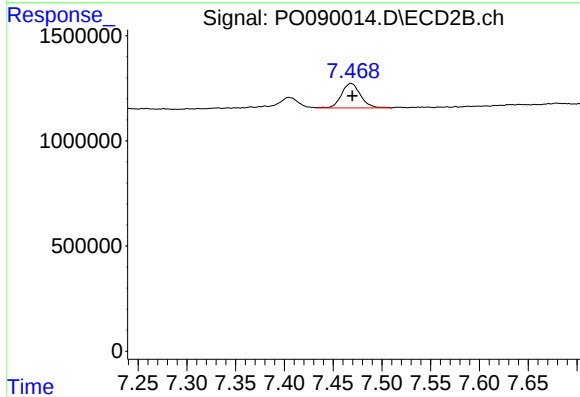
R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 743975
Conc: 13.66 ng/ml



#39 AR-1262-4

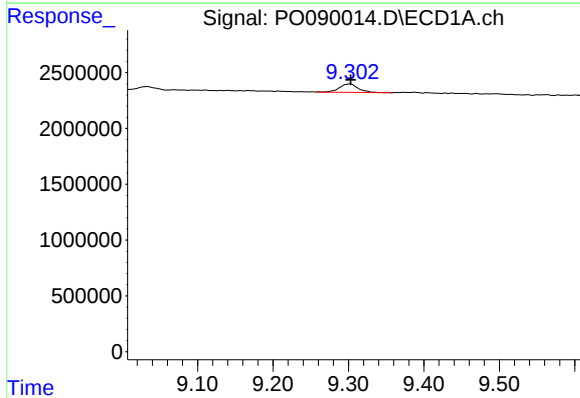
R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 1032689
Conc: 10.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



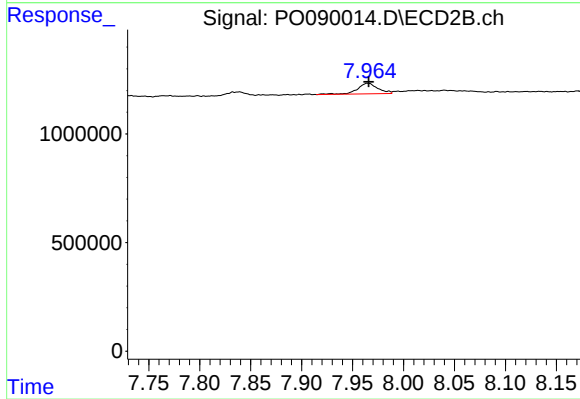
#39 AR-1262-4

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 1593706
Conc: 16.41 ng/ml



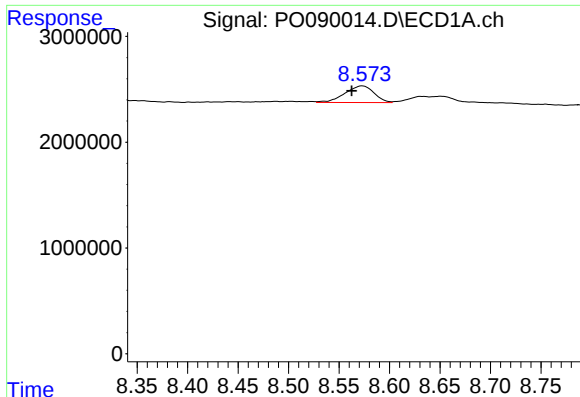
#40 AR-1262-5

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 1307289
Conc: 12.41 ng/ml



#40 AR-1262-5

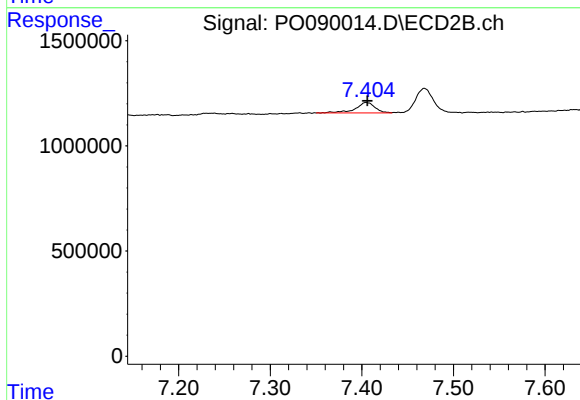
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 699094
Conc: 14.73 ng/ml



#41 AR-1268-1

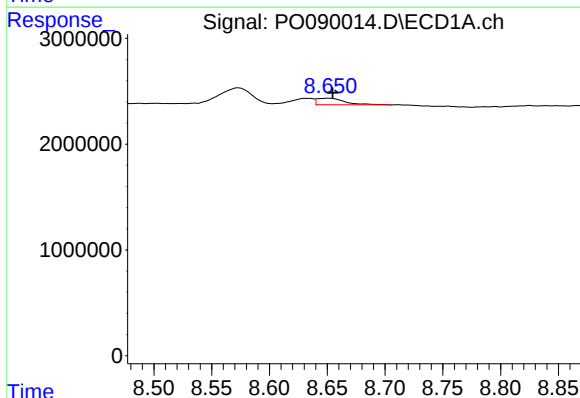
R.T.: 8.573 min
Delta R.T.: 0.011 min
Response: 3161920
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



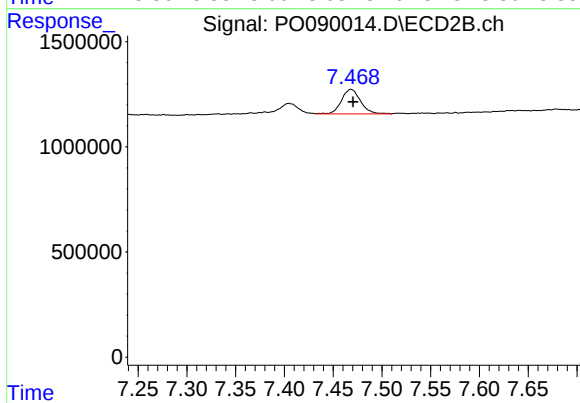
#41 AR-1268-1

R.T.: 7.405 min
Delta R.T.: -0.001 min
Response: 743975
Conc: 4.72 ng/ml



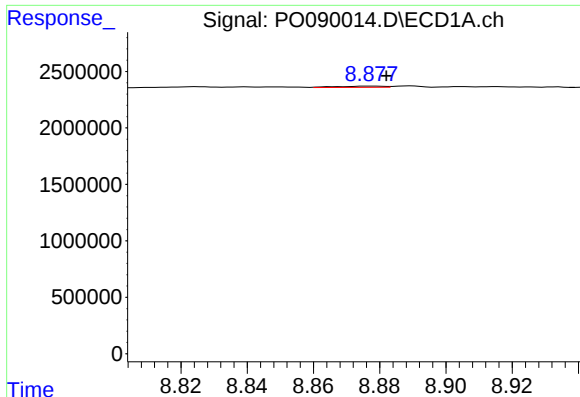
#42 AR-1268-2

R.T.: 8.651 min
Delta R.T.: -0.004 min
Response: 1032689
Conc: 3.31 ng/ml



#42 AR-1268-2

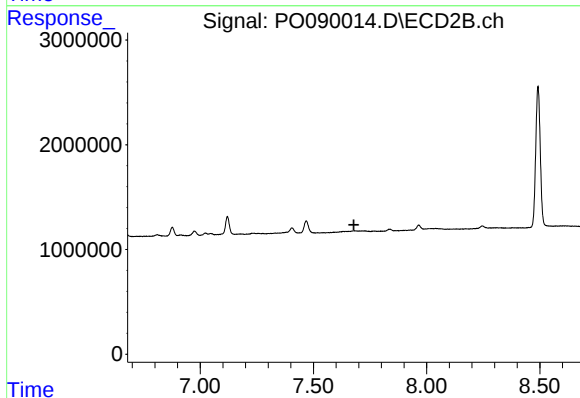
R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 1593706
Conc: 11.36 ng/ml



#43 AR-1268-3

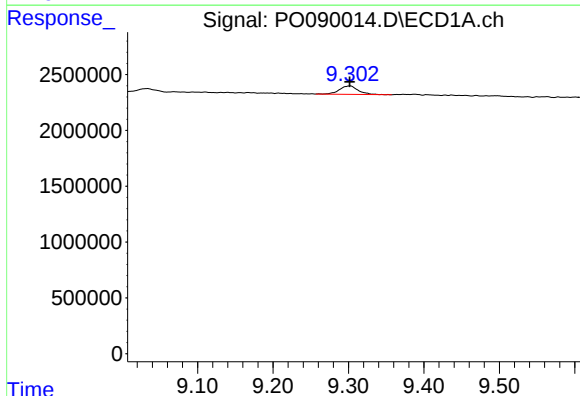
R.T.: 8.877 min
Delta R.T.: -0.005 min
Response: 106502
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



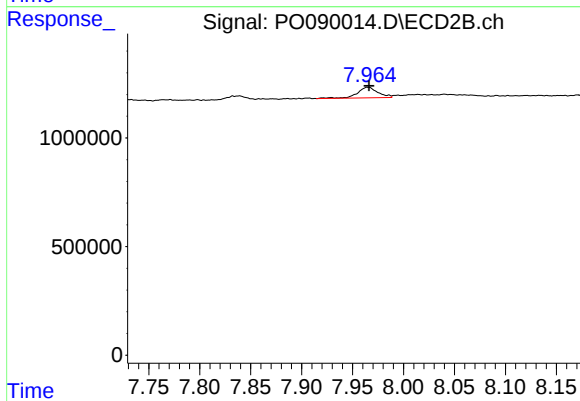
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.679 min
Response: 0
Conc: N.D.



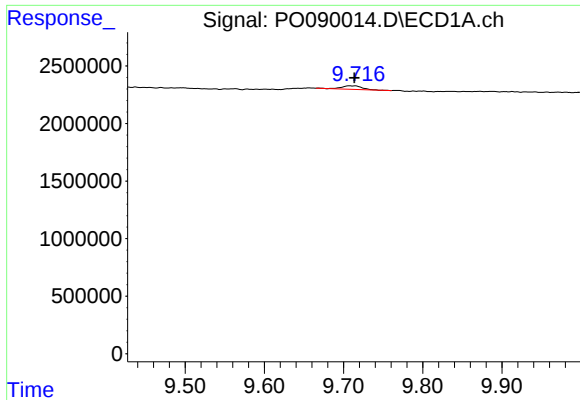
#44 AR-1268-4

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 1307289
Conc: 11.22 ng/ml



#44 AR-1268-4

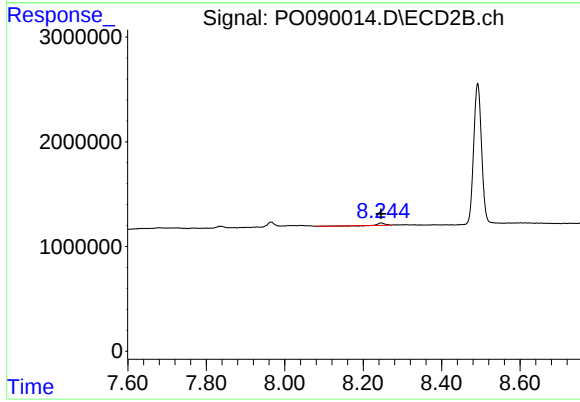
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 699094
Conc: 12.87 ng/ml



#45 AR-1268-5

R.T.: 9.707 min
Delta R.T.: -0.006 min
Response: 529851
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 226560
Conc: 0.65 ng/ml