

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042023\
 Data File : P0094438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 18:52
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:59:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.416	3.618	170.4E6	65701704	52.958	50.864
2)	SA Decachlor...	10.253	8.633	119.0E6	54481406	55.667	54.700
Target Compounds							
3)	L1 AR-1016-1	5.593	4.699	1436427	554463	15.784	15.063
4)	L1 AR-1016-2	5.621	4.717	2029896	396457	14.463	6.985 #
5)	L1 AR-1016-3	5.679	4.894	884863	266520	9.800	9.014
6)	L1 AR-1016-4	5.776	4.936	751117	16051149	11.001	586.142 #
7)	L1 AR-1016-5	6.075	5.148	21877118	9554992	286.267	273.497
8)	L2 AR-1221-1	4.621	0.000	226441	0	5.513	N.D. #
9)	L2 AR-1221-2	4.723	3.916	2171902	841498	71.737	68.147
10)	L2 AR-1221-3	4.789	0.000	657800	0	7.015	N.D. #
11)	L3 AR-1232-1	4.789	0.000	657800	0	8.289	N.D. #
12)	L3 AR-1232-2	5.323	4.717	812412	396457	20.674	14.131 #
13)	L3 AR-1232-3	5.621	4.894	2029896	266520	30.319	18.877 #
14)	L3 AR-1232-4	5.776	4.976	751117	4931445	23.423	327.655 #
15)	L3 AR-1232-5	5.869	5.148	36613112	9554992	1213.462	588.699 #
16)	L4 AR-1242-1	5.593	4.699	1436427	554463	18.171	17.418
17)	L4 AR-1242-2	5.621	4.717	2029896	396457	16.725	8.300 #
18)	L4 AR-1242-3	5.679	4.894	884863	266520	11.291	10.531
19)	L4 AR-1242-4	5.776	4.976	751117	4931445	12.882	169.732 #
20)	L4 AR-1242-5	6.526	5.501	20218180	35050151	338.150	1192.076 #
21)	L5 AR-1248-1	5.593	4.699	1436427	554463	23.824	22.501
22)	L5 AR-1248-2	5.869	4.936	36613112	16051149	354.775	391.251
23)	L5 AR-1248-3	6.075	4.976	21877118	4931445	199.124	115.973 #
24)	L5 AR-1248-4	6.483	5.148	26322344	9554992	268.774	197.262 #
25)	L5 AR-1248-5	6.526	5.541	20218180	4063242	192.635	106.015 #
26)	L6 AR-1254-1	6.457	5.501	62157144	35050151	502.660	501.476
27)	L6 AR-1254-2	6.678	5.649	91821644	31404077	507.180	501.540
28)	L6 AR-1254-3	7.048	6.053	90342852	47531532	529.578	514.135
29)	L6 AR-1254-4	7.337	6.283	54687287	24364642	580.296	575.029
30)	L6 AR-1254-5	7.760	6.702	67781443	40543078	567.739	540.937
31)	L7 AR-1260-1	7.214	6.184	37657952	24421523	281.736	363.802 #
32)	L7 AR-1260-2	7.474	6.373	40647131	19799175	290.366	266.350
33)	L7 AR-1260-3	7.821	6.525	12276184	19249728	107.652	269.530 #
34)	L7 AR-1260-4	8.051	6.999	25908801	2078507	216.470	35.347 #
35)	L7 AR-1260-5	8.393	7.243	10276792	4919599	49.835	43.282
36)	L8 AR-1262-1	7.821	6.792	12276184	1561968	76.433	42.823 #
37)	L8 AR-1262-2	8.393	6.999	10276792	2078507	47.029	28.320 #
38)	L8 AR-1262-3	8.727	7.589f	6631181	4316812	42.297	80.501 #
39)	L8 AR-1262-4	8.774	7.589	1589448	4316812	17.254	46.200 #
40)	L8 AR-1262-5	9.475	0.000	480604	0	6.573	N.D. #
41)	L9 AR-1268-1	8.727	7.589f	6631181	4316812	20.909	25.968

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Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

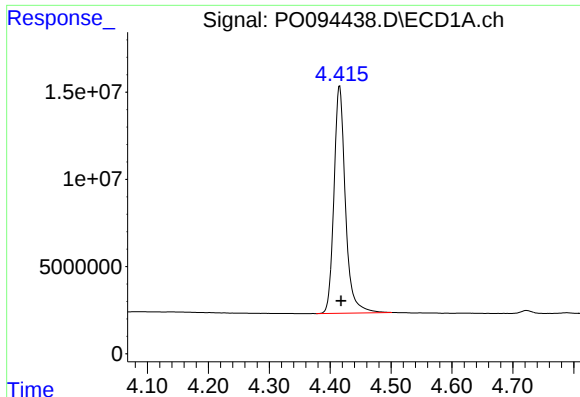
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 21:59:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 20 05:15:06 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
42)	L9 AR-1268-2	8.774	7.589	1589448	4316812	5.634	28.040 #
43)	L9 AR-1268-3	9.043	0.000	30080	0	0.114	N.D. #
44)	L9 AR-1268-4	9.475	0.000	480604	0	5.697	N.D. #
45)	L9 AR-1268-5	9.904	0.000	578819	0	0.724	N.D. #

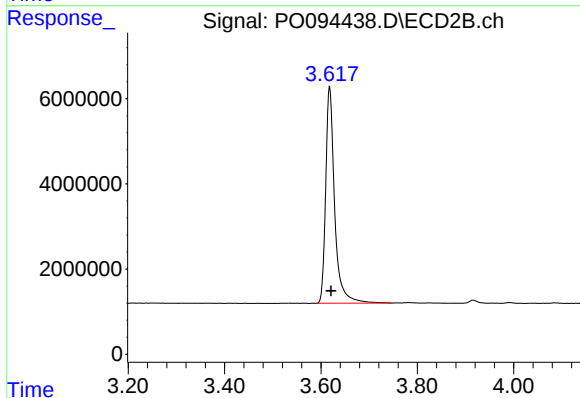
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

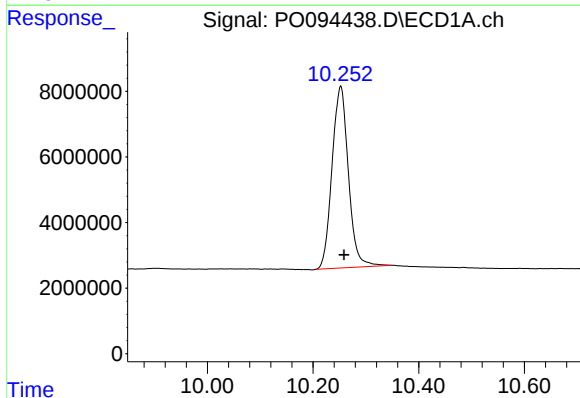
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 170367879
Conc: 52.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



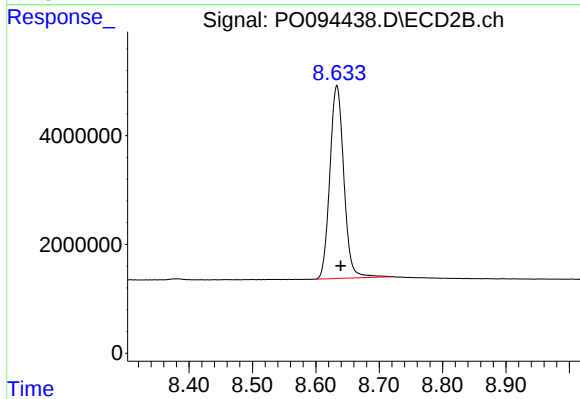
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 65701704
Conc: 50.86 ng/ml



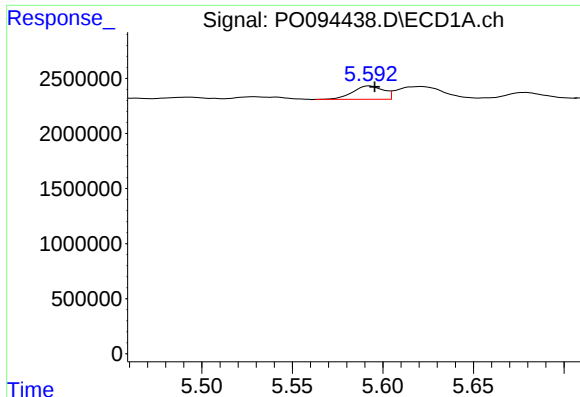
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.006 min
Response: 118984854
Conc: 55.67 ng/ml



#2 Decachlorobiphenyl

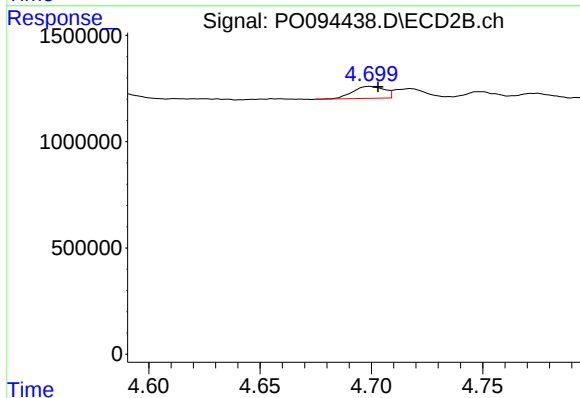
R.T.: 8.633 min
Delta R.T.: -0.006 min
Response: 54481406
Conc: 54.70 ng/ml



#3 AR-1016-1

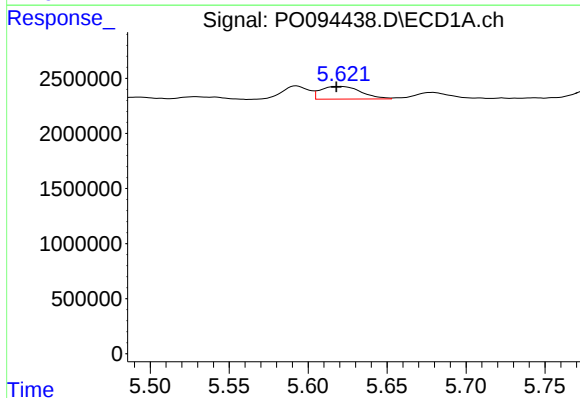
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 1436427
Conc: 15.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



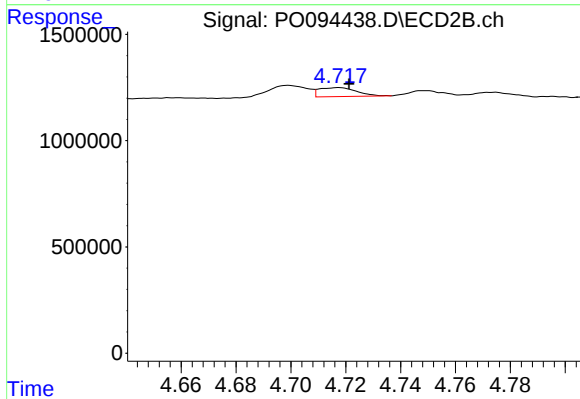
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 554463
Conc: 15.06 ng/ml



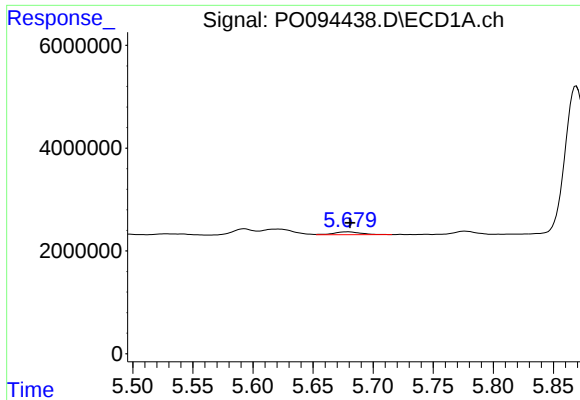
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 2029896
Conc: 14.46 ng/ml



#4 AR-1016-2

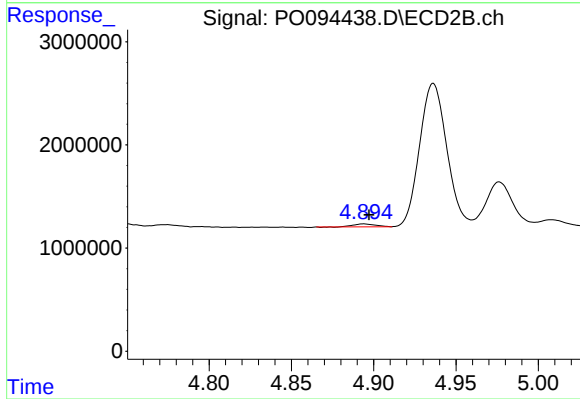
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 396457
Conc: 6.99 ng/ml



#5 AR-1016-3

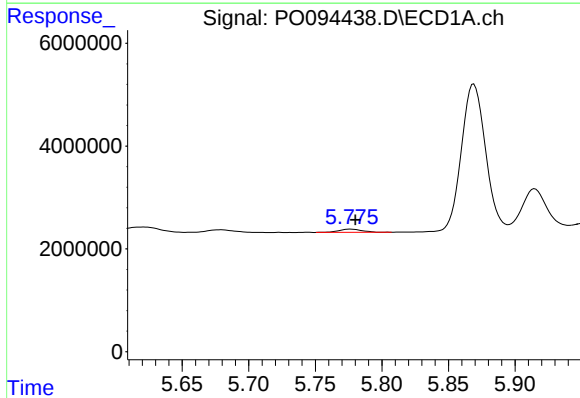
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 884863
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



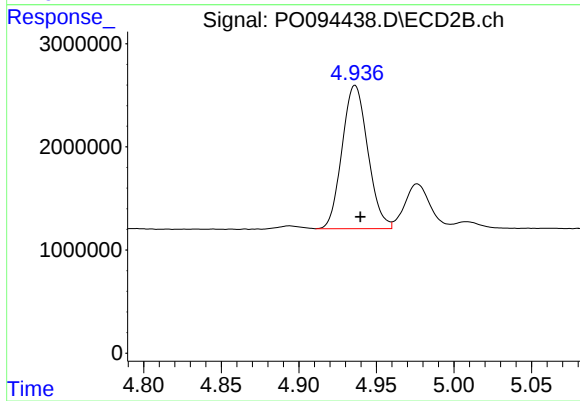
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 266520
Conc: 9.01 ng/ml



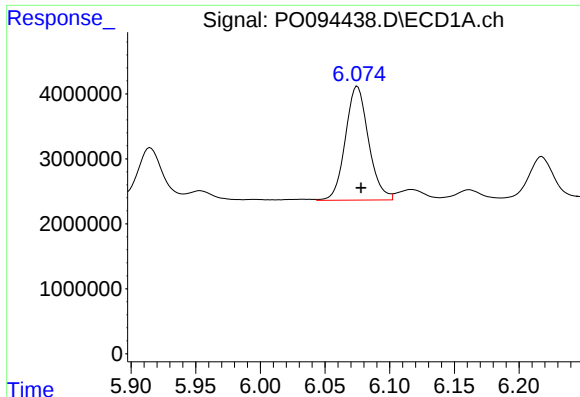
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 751117
Conc: 11.00 ng/ml



#6 AR-1016-4

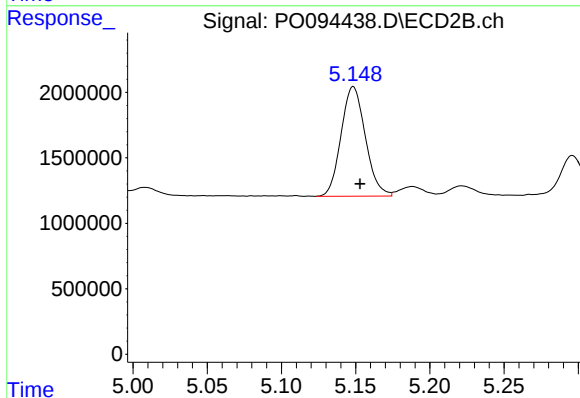
R.T.: 4.936 min
Delta R.T.: -0.003 min
Response: 16051149
Conc: 586.14 ng/ml



#7 AR-1016-5

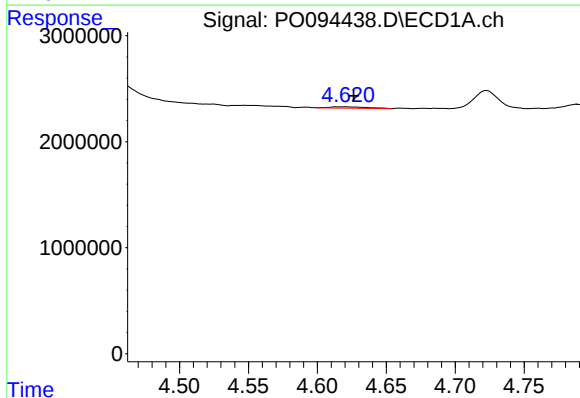
R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 21877118
Conc: 286.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



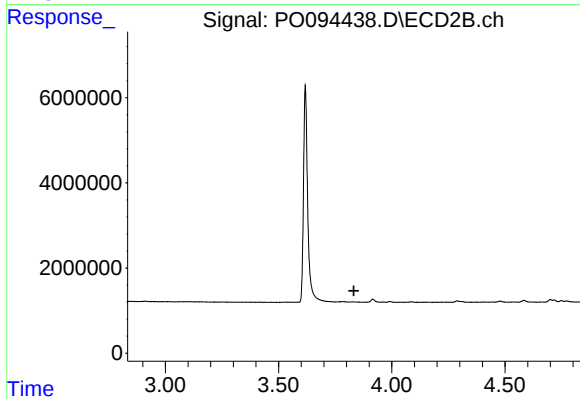
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 9554992
Conc: 273.50 ng/ml



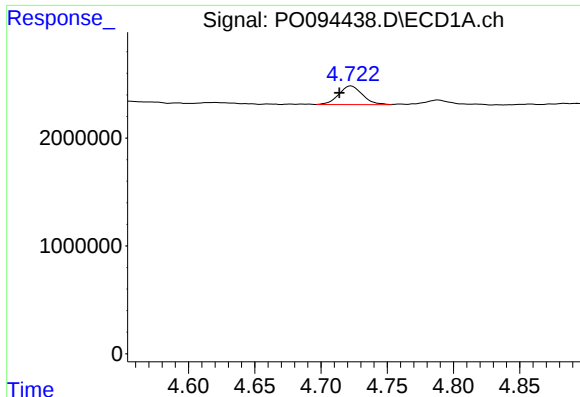
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.006 min
Response: 226441
Conc: 5.51 ng/ml



#8 AR-1221-1

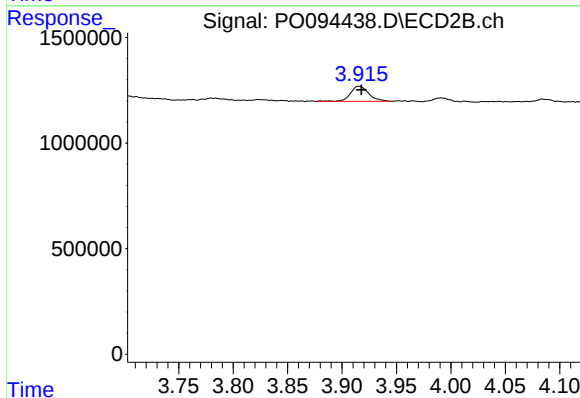
R.T.: 0.000 min
Exp R.T. : 3.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

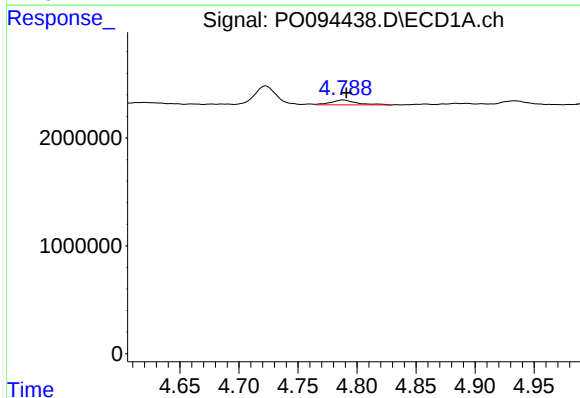
R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 2171902
Conc: 71.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



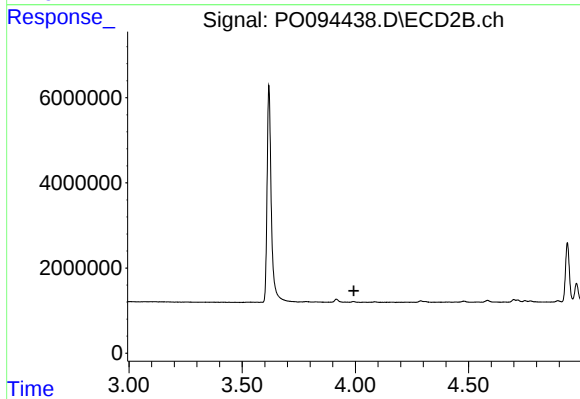
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.002 min
Response: 841498
Conc: 68.15 ng/ml



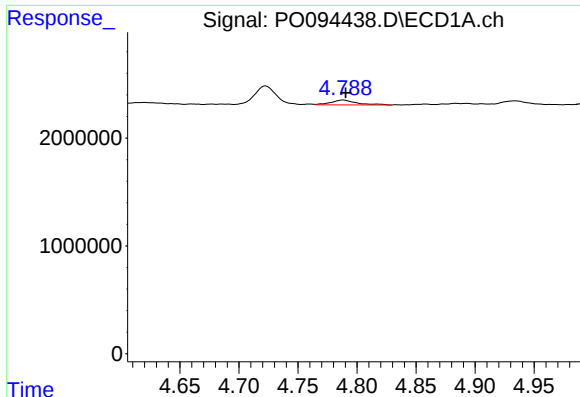
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 657800
Conc: 7.01 ng/ml



#10 AR-1221-3

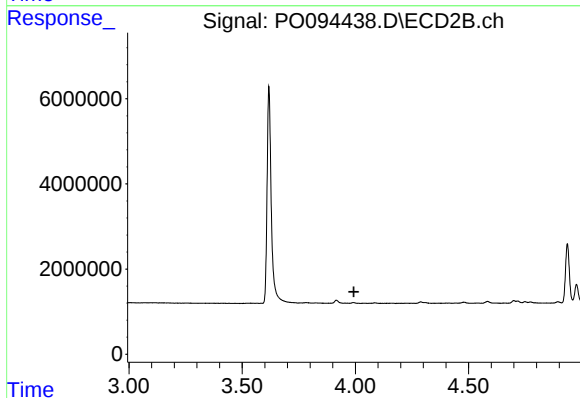
R.T.: 0.000 min
Exp R.T. : 3.994 min
Response: 0
Conc: N.D.



#11 AR-1232-1

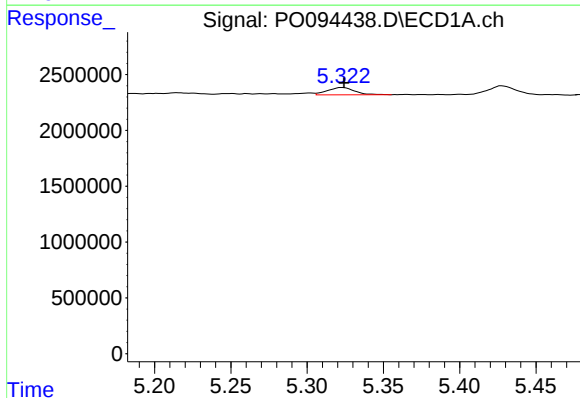
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 657800
Conc: 8.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



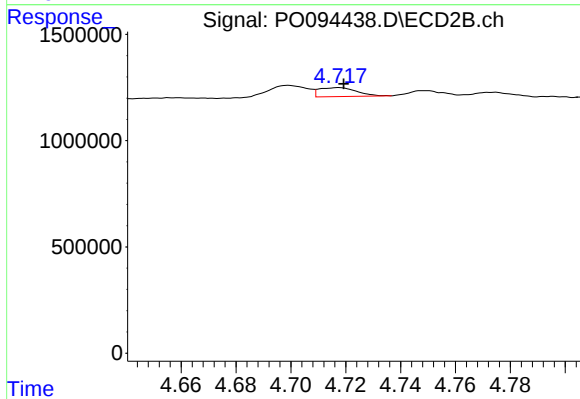
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



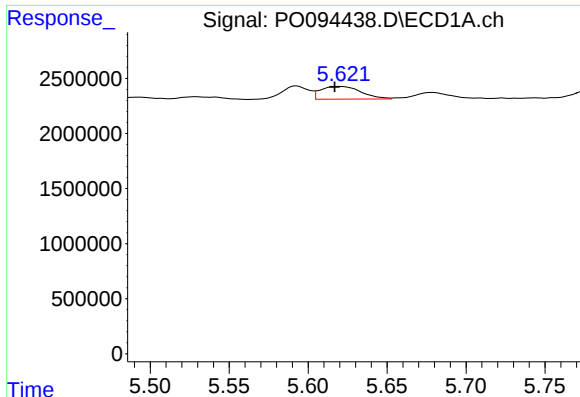
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: -0.001 min
Response: 812412
Conc: 20.67 ng/ml



#12 AR-1232-2

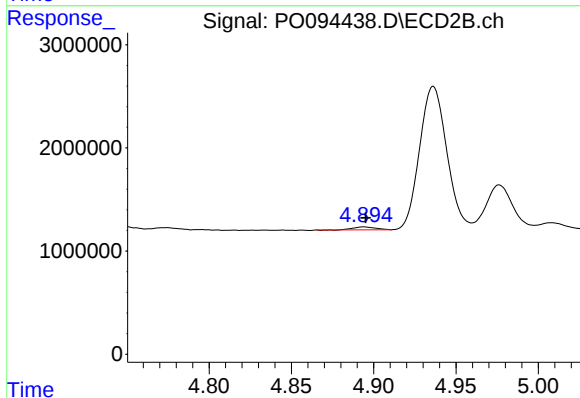
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 396457
Conc: 14.13 ng/ml



#13 AR-1232-3

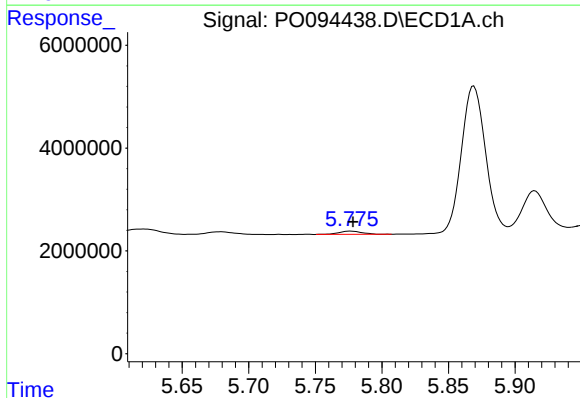
R.T.: 5.621 min
Delta R.T.: 0.005 min
Response: 2029896
Conc: 30.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



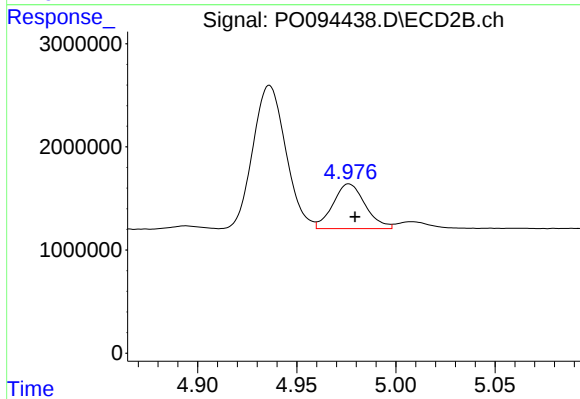
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 266520
Conc: 18.88 ng/ml



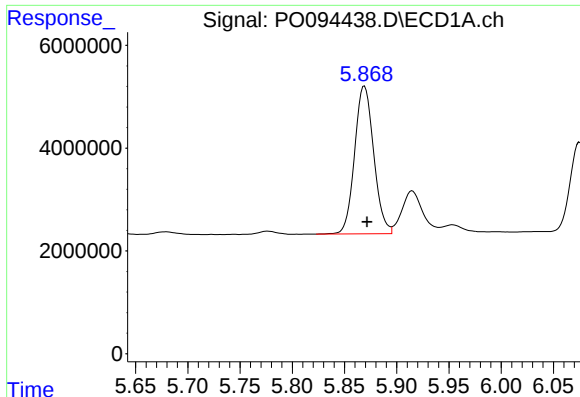
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 751117
Conc: 23.42 ng/ml



#14 AR-1232-4

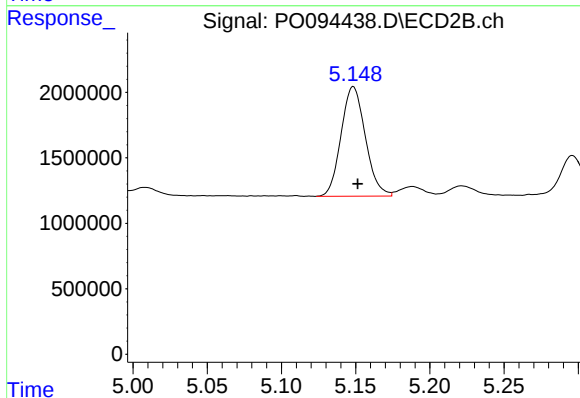
R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 4931445
Conc: 327.66 ng/ml



#15 AR-1232-5

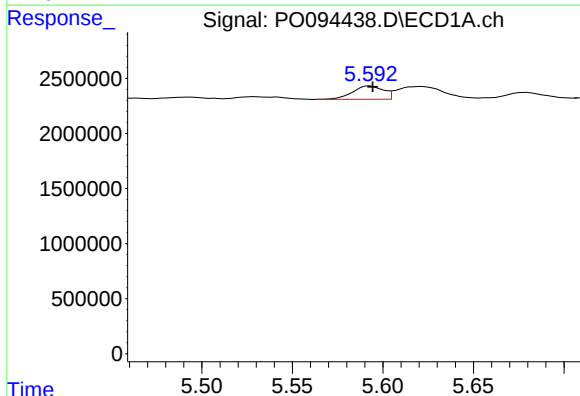
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 36613112
Conc: 1213.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



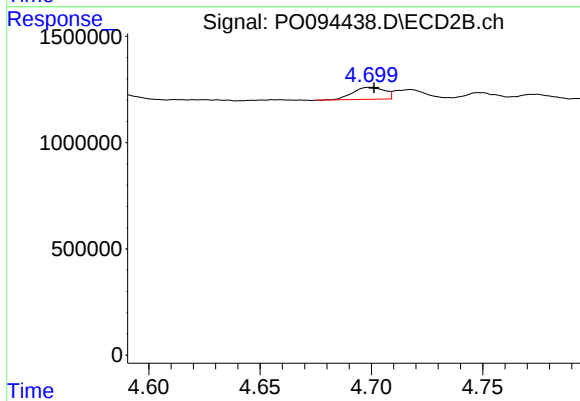
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.003 min
Response: 9554992
Conc: 588.70 ng/ml



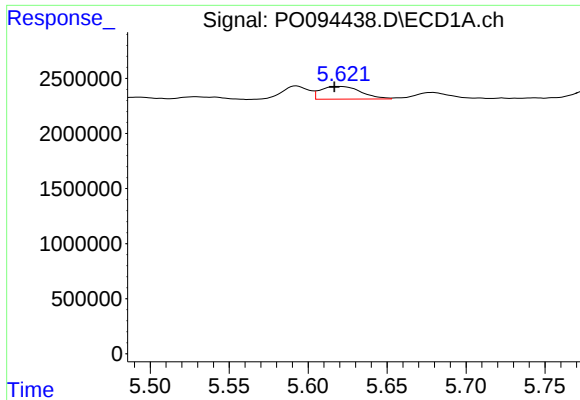
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 1436427
Conc: 18.17 ng/ml



#16 AR-1242-1

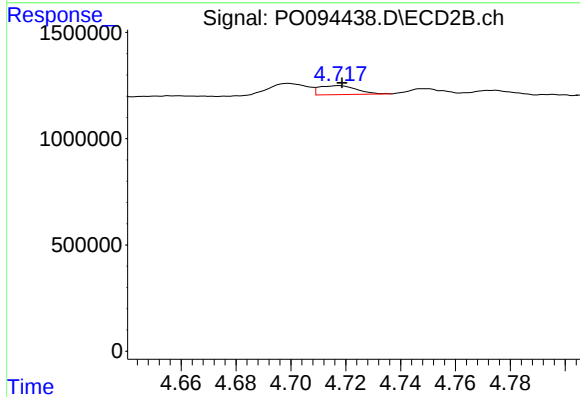
R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 554463
Conc: 17.42 ng/ml



#17 AR-1242-2

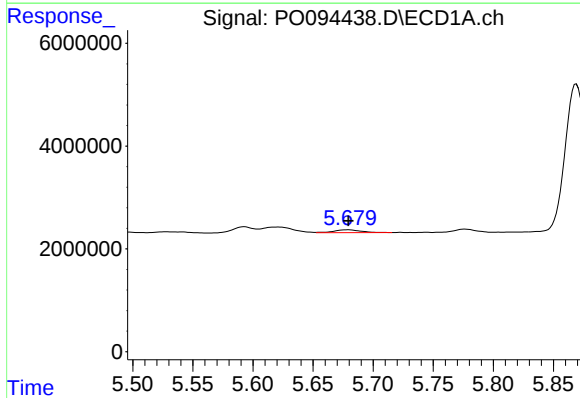
R.T.: 5.621 min
Delta R.T.: 0.005 min
Response: 2029896
Conc: 16.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



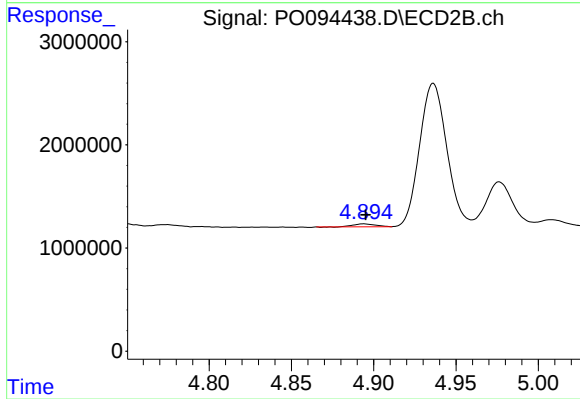
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 396457
Conc: 8.30 ng/ml



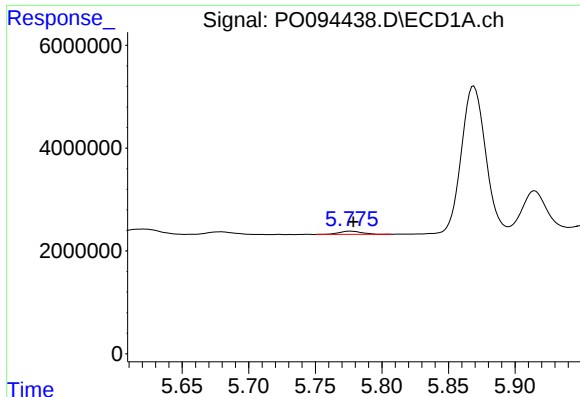
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 884863
Conc: 11.29 ng/ml



#18 AR-1242-3

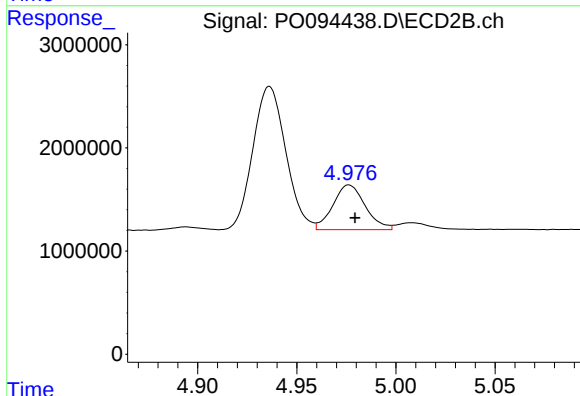
R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 266520
Conc: 10.53 ng/ml



#19 AR-1242-4

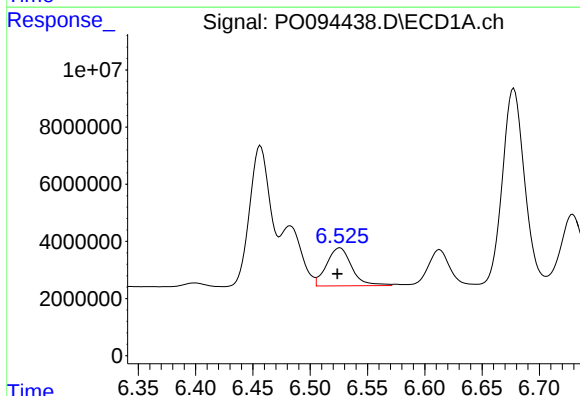
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 751117
Conc: 12.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



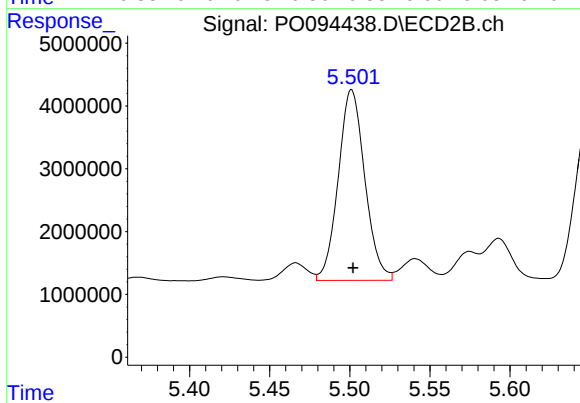
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 4931445
Conc: 169.73 ng/ml



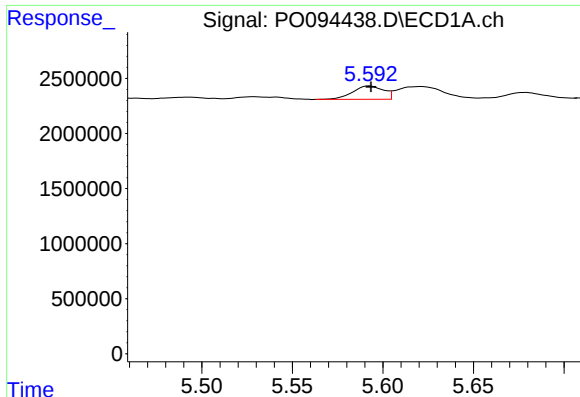
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 20218180
Conc: 338.15 ng/ml



#20 AR-1242-5

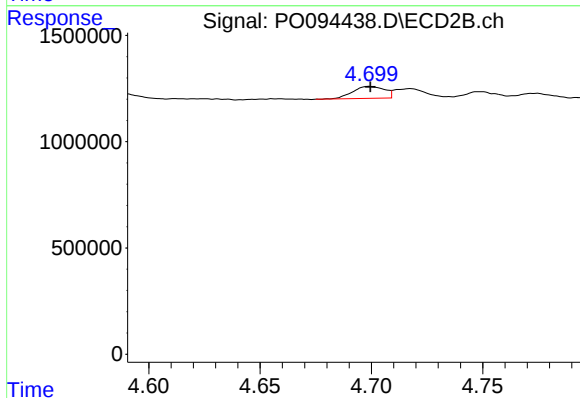
R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 35050151
Conc: 1192.08 ng/ml



#21 AR-1248-1

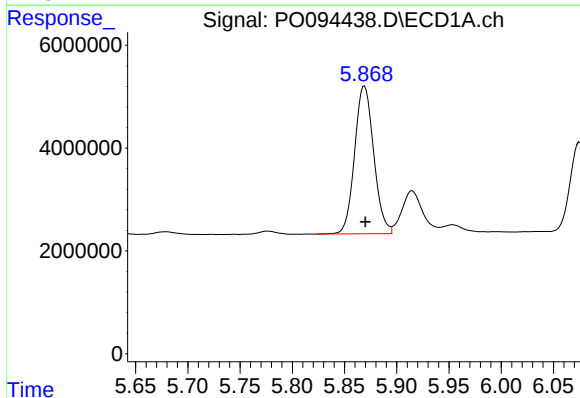
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 1436427
Conc: 23.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



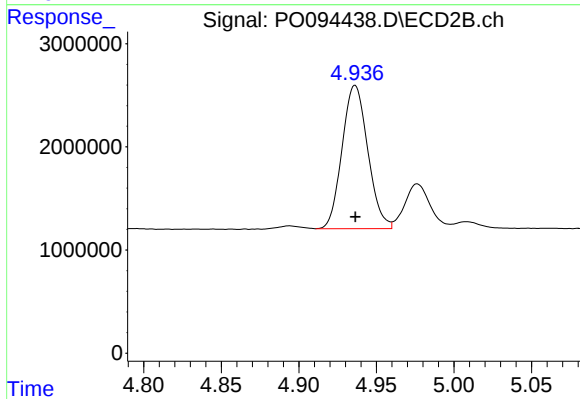
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 554463
Conc: 22.50 ng/ml



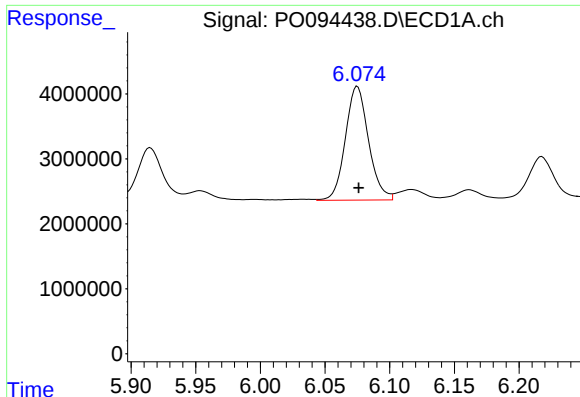
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 36613112
Conc: 354.78 ng/ml



#22 AR-1248-2

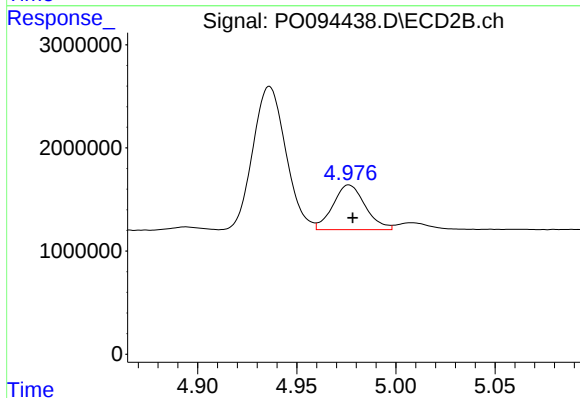
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 16051149
Conc: 391.25 ng/ml



#23 AR-1248-3

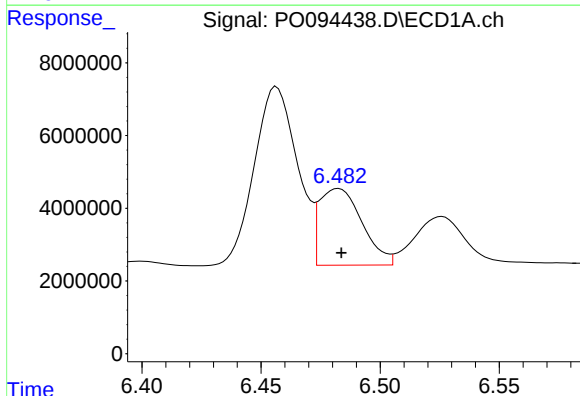
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 21877118
Conc: 199.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



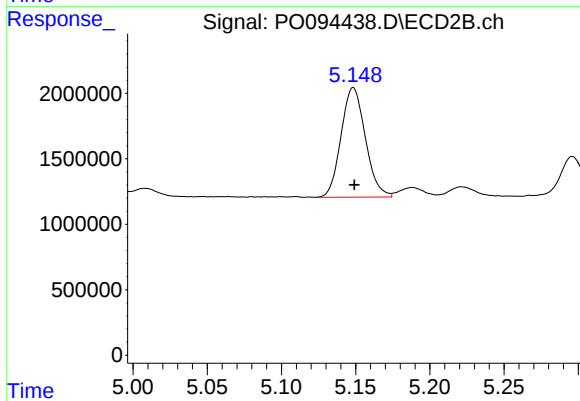
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.002 min
Response: 4931445
Conc: 115.97 ng/ml



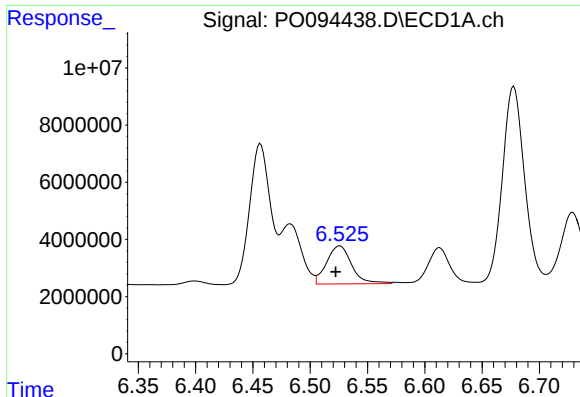
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.001 min
Response: 26322344
Conc: 268.77 ng/ml



#24 AR-1248-4

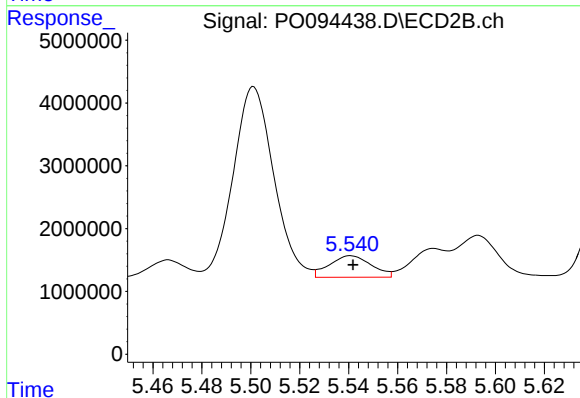
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 9554992
Conc: 197.26 ng/ml



#25 AR-1248-5

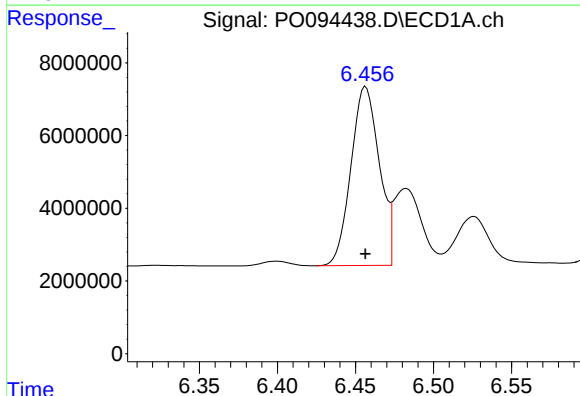
R.T.: 6.526 min
Delta R.T.: 0.004 min
Response: 20218180
Conc: 192.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



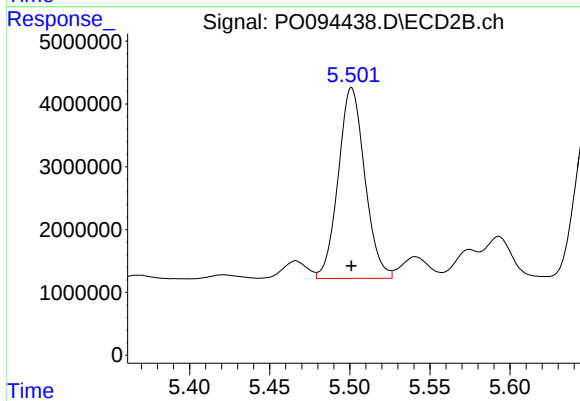
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 4063242
Conc: 106.02 ng/ml



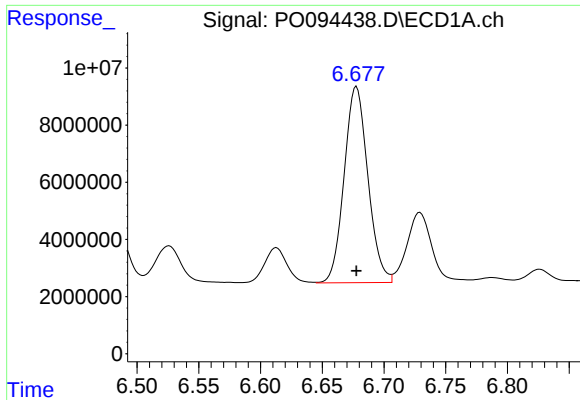
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 62157144
Conc: 502.66 ng/ml



#26 AR-1254-1

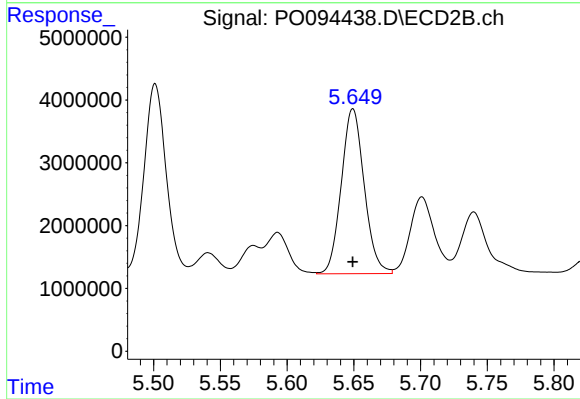
R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 35050151
Conc: 501.48 ng/ml



#27 AR-1254-2

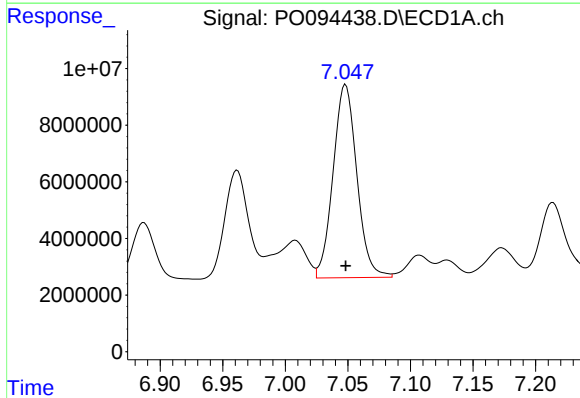
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 91821644
Conc: 507.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



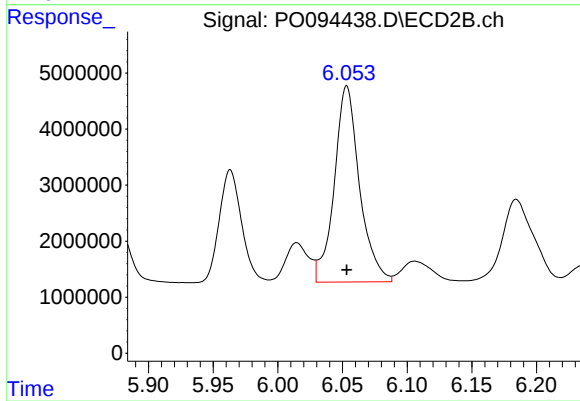
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 31404077
Conc: 501.54 ng/ml



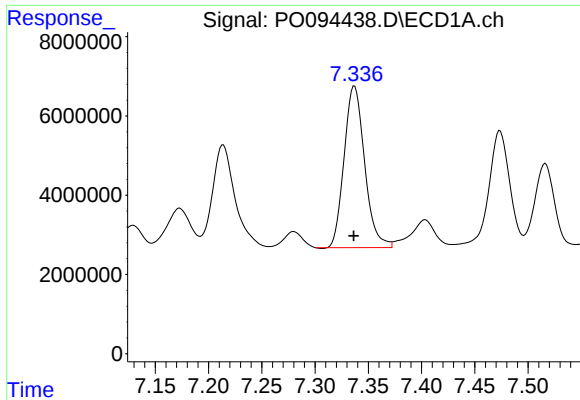
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 90342852
Conc: 529.58 ng/ml



#28 AR-1254-3

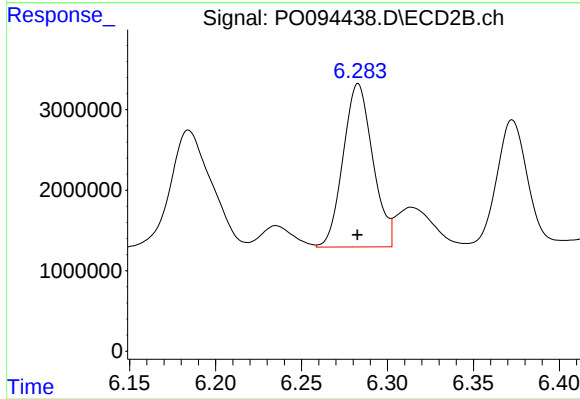
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 47531532
Conc: 514.13 ng/ml



#29 AR-1254-4

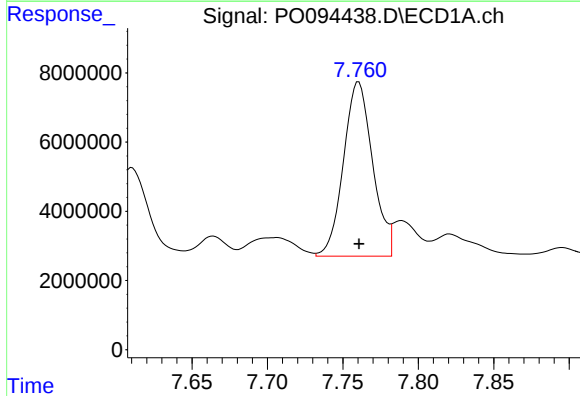
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 54687287
Conc: 580.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



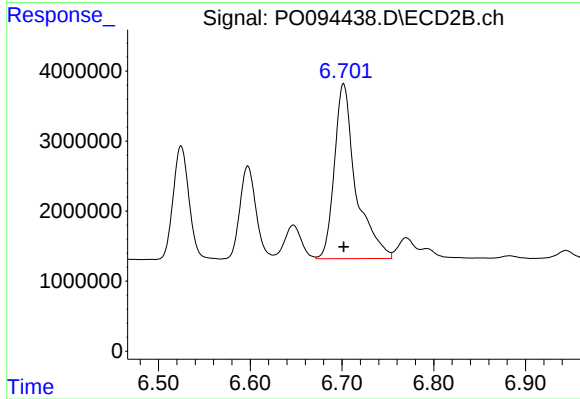
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 24364642
Conc: 575.03 ng/ml



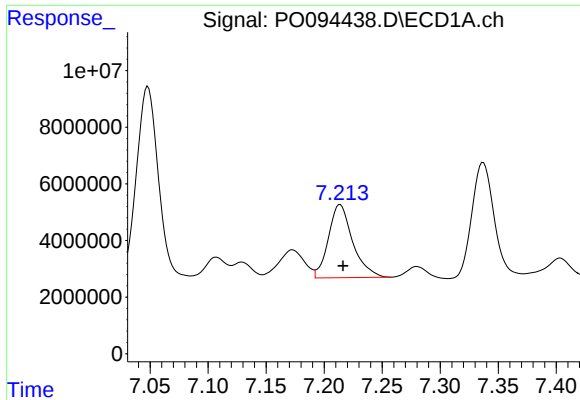
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 67781443
Conc: 567.74 ng/ml



#30 AR-1254-5

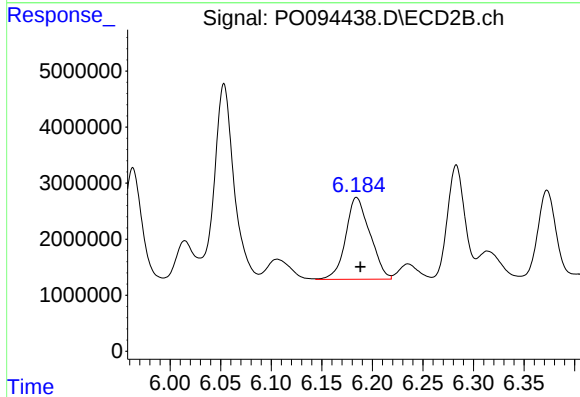
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 40543078
Conc: 540.94 ng/ml



#31 AR-1260-1

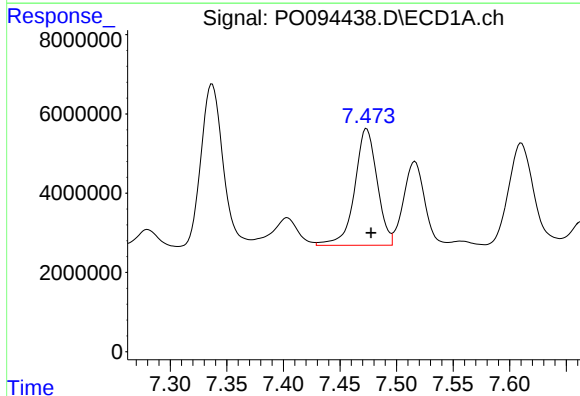
R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 37657952
Conc: 281.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



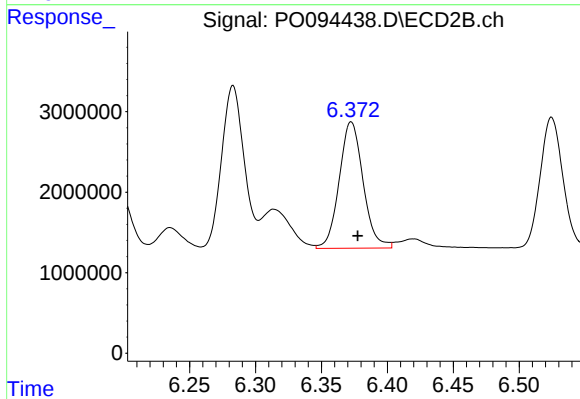
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 24421523
Conc: 363.80 ng/ml



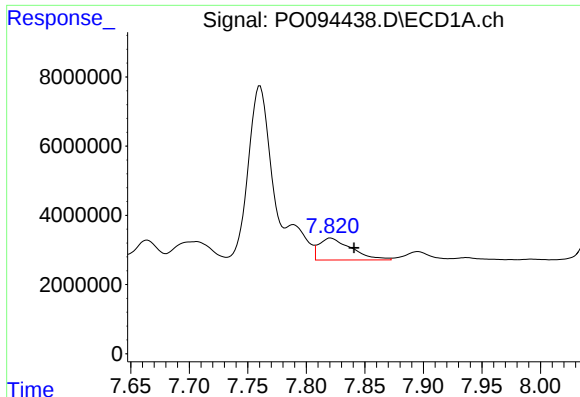
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 40647131
Conc: 290.37 ng/ml



#32 AR-1260-2

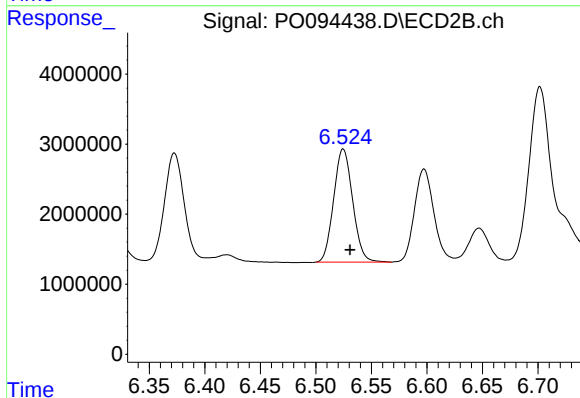
R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 19799175
Conc: 266.35 ng/ml



#33 AR-1260-3

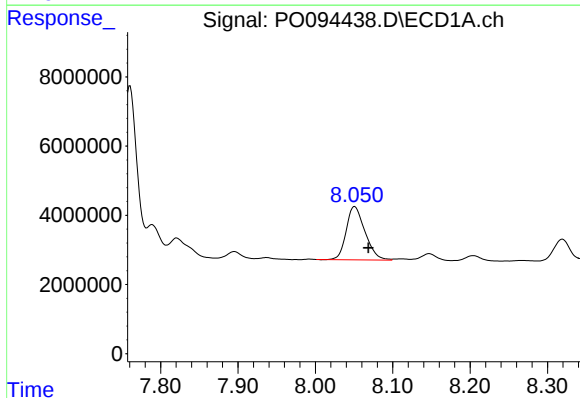
R.T.: 7.821 min
Delta R.T.: -0.020 min
Response: 12276184
Conc: 107.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



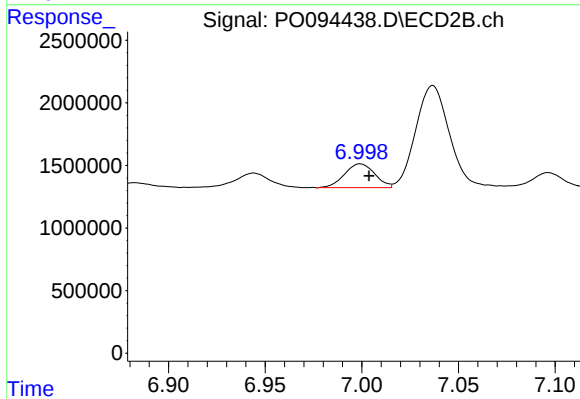
#33 AR-1260-3

R.T.: 6.525 min
Delta R.T.: -0.006 min
Response: 19249728
Conc: 269.53 ng/ml



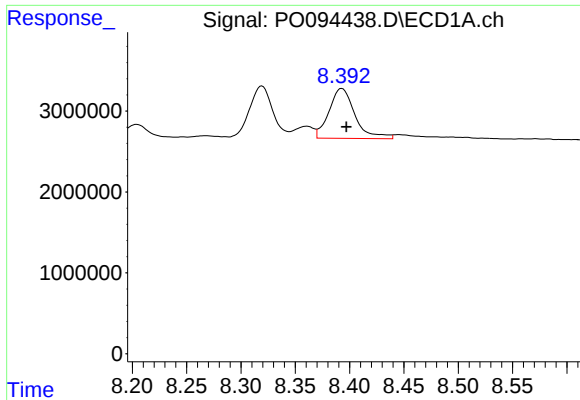
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.018 min
Response: 25908801
Conc: 216.47 ng/ml



#34 AR-1260-4

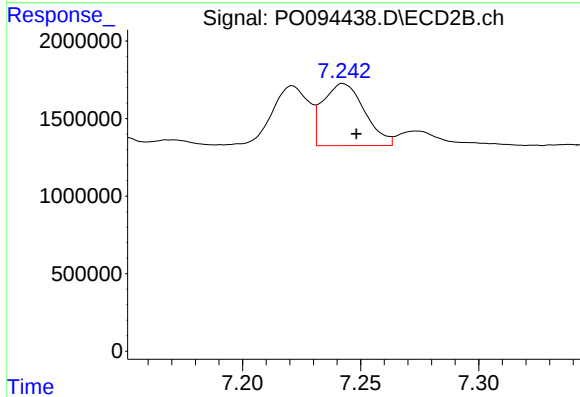
R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 2078507
Conc: 35.35 ng/ml



#35 AR-1260-5

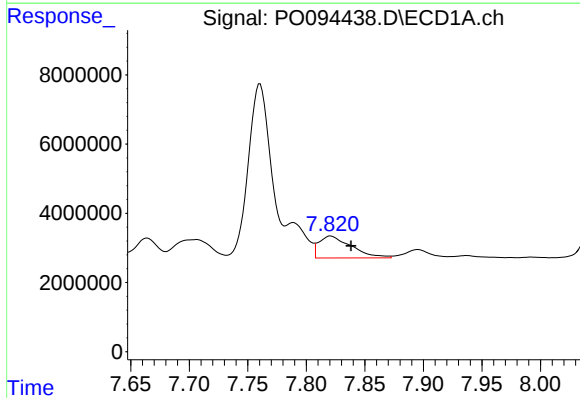
R.T.: 8.393 min
Delta R.T.: -0.004 min
Response: 10276792
Conc: 49.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



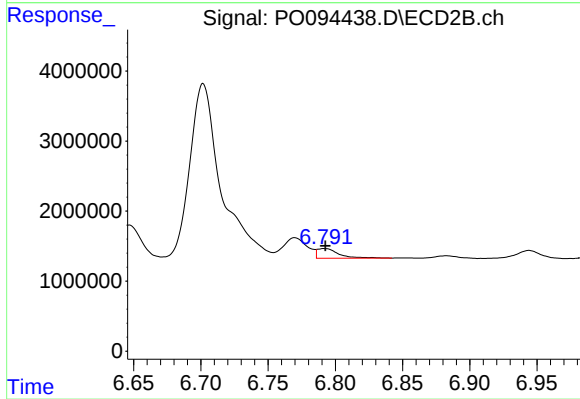
#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.006 min
Response: 4919599
Conc: 43.28 ng/ml



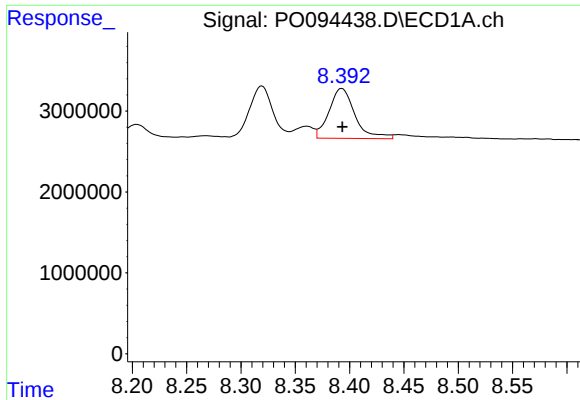
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.017 min
Response: 12276184
Conc: 76.43 ng/ml



#36 AR-1262-1

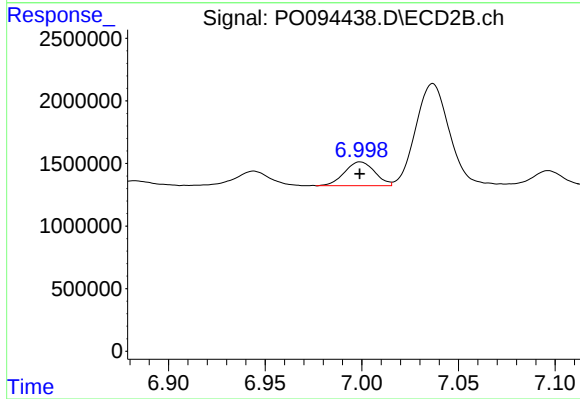
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 1561968
Conc: 42.82 ng/ml



#37 AR-1262-2

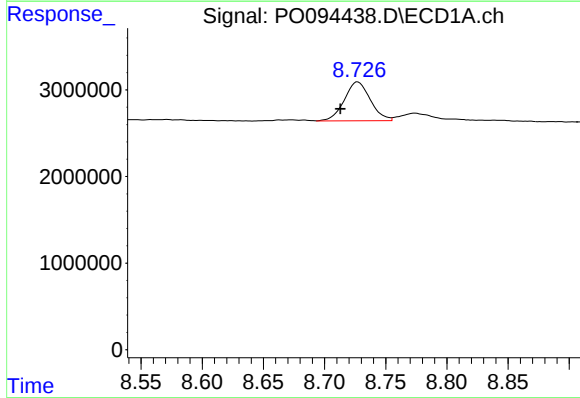
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 10276792
Conc: 47.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



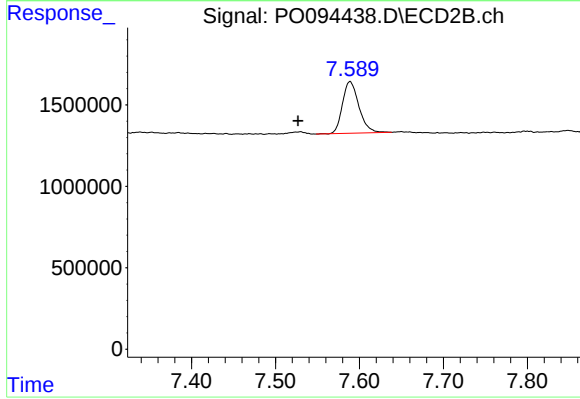
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 2078507
Conc: 28.32 ng/ml



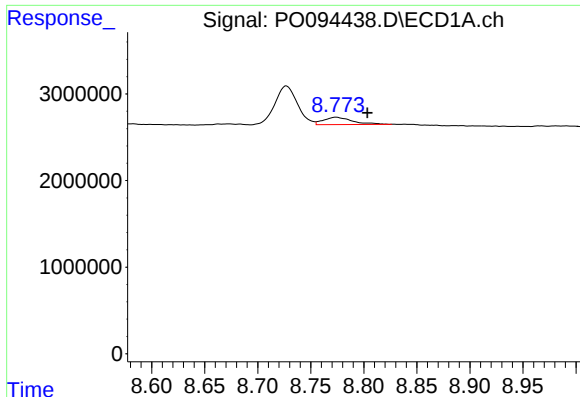
#38 AR-1262-3

R.T.: 8.727 min
Delta R.T.: 0.014 min
Response: 6631181
Conc: 42.30 ng/ml



#38 AR-1262-3

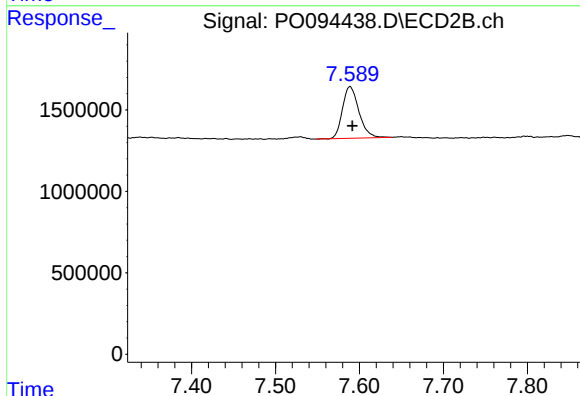
R.T.: 7.589 min
Delta R.T.: 0.062 min
Response: 4316812
Conc: 80.50 ng/ml



#39 AR-1262-4

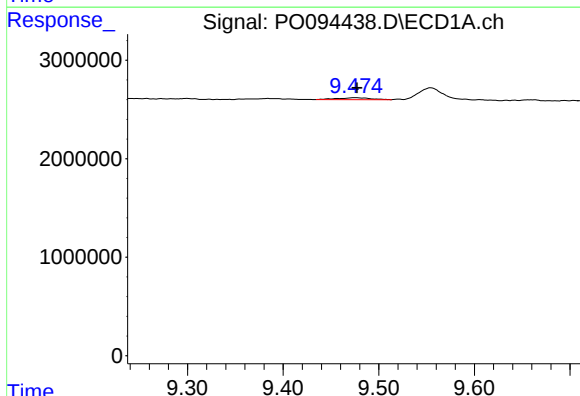
R.T.: 8.774 min
Delta R.T.: -0.030 min
Response: 1589448
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



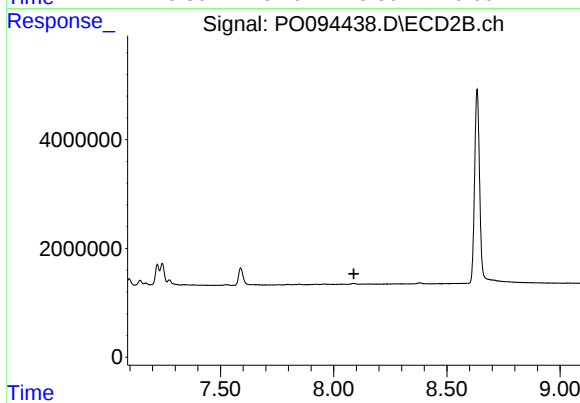
#39 AR-1262-4

R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 4316812
Conc: 46.20 ng/ml



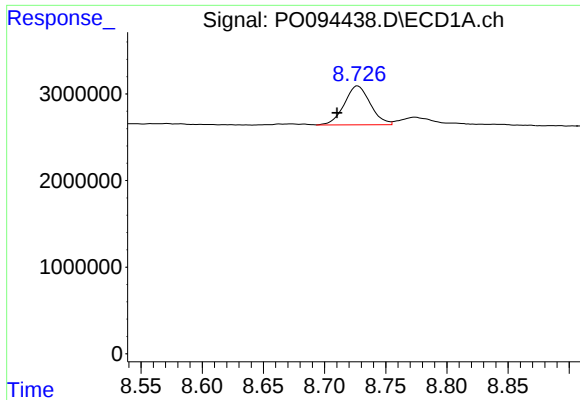
#40 AR-1262-5

R.T.: 9.475 min
Delta R.T.: -0.003 min
Response: 480604
Conc: 6.57 ng/ml



#40 AR-1262-5

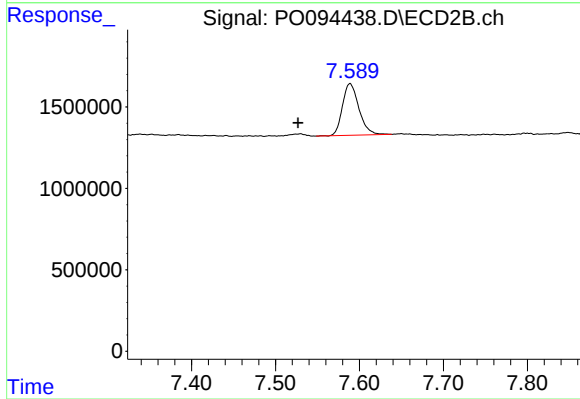
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

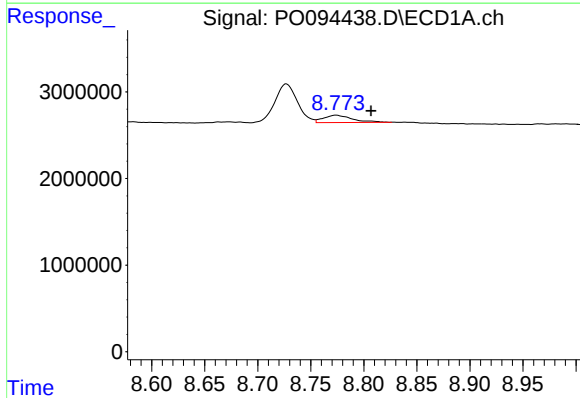
R.T.: 8.727 min
Delta R.T.: 0.017 min
Response: 6631181
Conc: 20.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



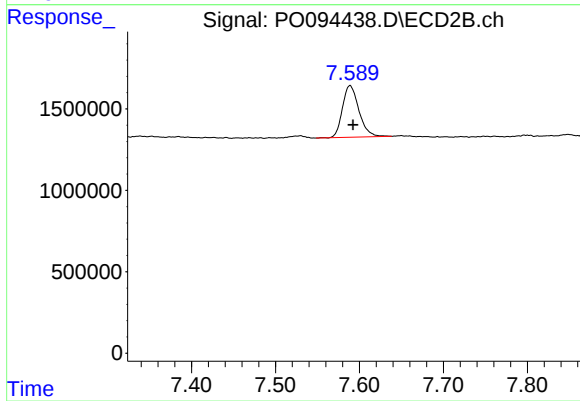
#41 AR-1268-1

R.T.: 7.589 min
Delta R.T.: 0.062 min
Response: 4316812
Conc: 25.97 ng/ml



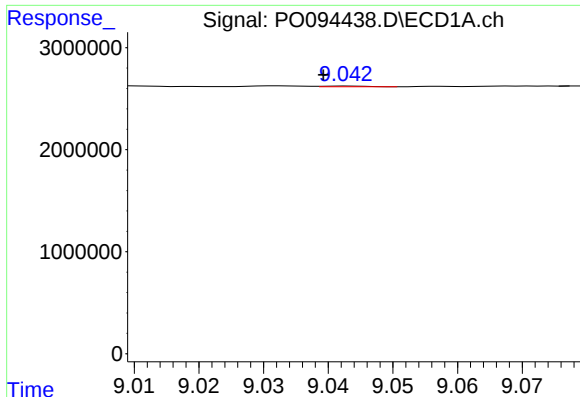
#42 AR-1268-2

R.T.: 8.774 min
Delta R.T.: -0.033 min
Response: 1589448
Conc: 5.63 ng/ml



#42 AR-1268-2

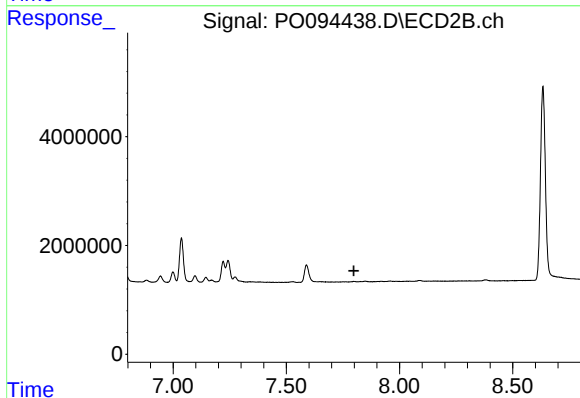
R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 4316812
Conc: 28.04 ng/ml



#43 AR-1268-3

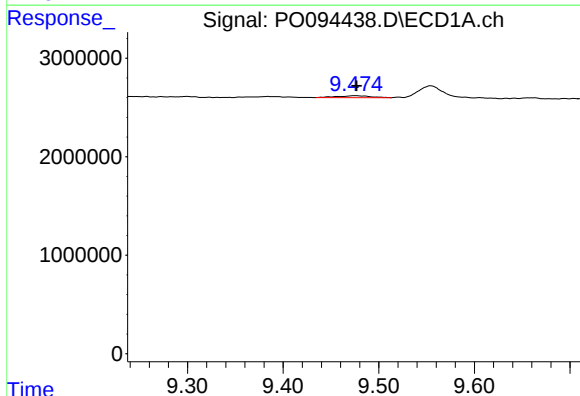
R.T.: 9.043 min
Delta R.T.: 0.004 min
Response: 30080
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



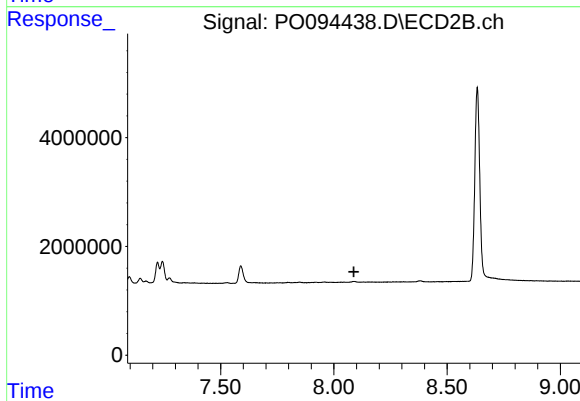
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



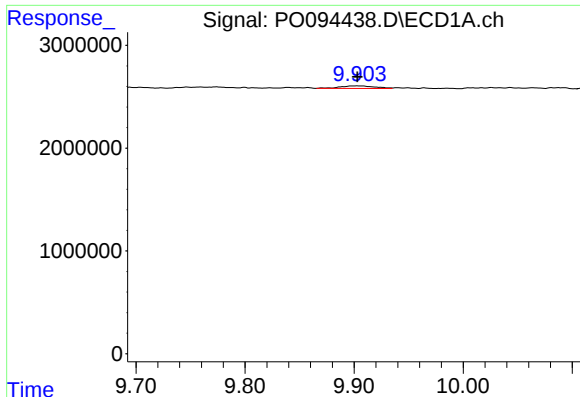
#44 AR-1268-4

R.T.: 9.475 min
Delta R.T.: -0.002 min
Response: 480604
Conc: 5.70 ng/ml



#44 AR-1268-4

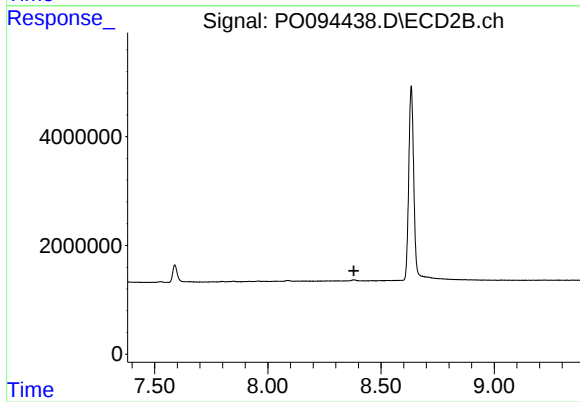
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 578819
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.