

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040823\
 Data File : P0094022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 19:40
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:40:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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	3.621	168.6E6	61474768	45.112	48.275
2)	SA Decachlor...	10.235	8.638	117.6E6	51983200	52.590	51.994
Target Compounds							
3)	L1 AR-1016-1	5.592	4.704	31307692	12149541	306.147	342.408
4)	L1 AR-1016-2	5.615	4.722	39598135	12983974	254.065	240.394
5)	L1 AR-1016-3	5.677	4.899	19687027	7715515	199.600	272.215 #
6)	L1 AR-1016-4	5.775	4.941	21008581	18640853	285.720	705.941 #
7)	L1 AR-1016-5	6.074	5.154	54784842	23030860	647.097	703.846
8)	L2 AR-1221-1	4.619	0.000	513755	0	11.140	N.D. #
9)	L2 AR-1221-2	4.723	3.920	2660198	1066039	77.497	90.324
10)	L2 AR-1221-3	4.789	3.995	3295268	1198482	31.463	32.534
11)	L3 AR-1232-1	4.789	3.995	3295268	1198482	37.756	38.363
12)	L3 AR-1232-2	5.322	4.722	15618510	12983974	365.216	490.450 #
13)	L3 AR-1232-3	5.615	4.899	39598135	7715515	539.072	584.990
14)	L3 AR-1232-4	5.775	4.982	21008581	19768995	610.320	1391.106 #
15)	L3 AR-1232-5	5.869	5.154	47285784	23030860	1488.736	1490.813
16)	L4 AR-1242-1	5.592	4.704	31307692	12149541	358.686	394.817
17)	L4 AR-1242-2	5.615	4.722	39598135	12983974	297.808	282.297
18)	L4 AR-1242-3	5.677	4.899	19687027	7715515	231.919	318.373 #
19)	L4 AR-1242-4	5.775	4.982	21008581	19768995	336.239	704.183 #
20)	L4 AR-1242-5	6.520	5.506	54031504	28855948	802.485	1012.103 #
21)	L5 AR-1248-1	5.592	4.704	31307692	12149541	465.320	509.381
22)	L5 AR-1248-2	5.869	4.941	47285784	18640853	432.281	467.974
23)	L5 AR-1248-3	6.074	4.982	54784842	19768995	453.816	473.633
24)	L5 AR-1248-4	6.481	5.154	51442605	23030860	478.993	489.767
25)	L5 AR-1248-5	6.520	5.546	54031504	19151221	465.693	512.971
26)	L6 AR-1254-1	6.452	5.506	41430406	28855948	305.473	422.157 #
27)	L6 AR-1254-2	6.677	5.654	53749062	10491124	274.969	172.253 #
28)	L6 AR-1254-3	7.044	6.058	30144918	14421058	163.172	158.320
29)	L6 AR-1254-4	7.332	6.287	16257585	8847021	160.312	207.700 #
30)	L6 AR-1254-5	7.755	6.706	6321703	2492352	46.619	34.542 #
31)	L7 AR-1260-1	7.210	6.202	2886543	6857209	19.775	105.154 #
32)	L7 AR-1260-2	7.467	6.377	4986891	1521181	31.158	20.946 #
33)	L7 AR-1260-3	7.815	6.530	1203083	1633832	9.061	22.513 #
34)	L7 AR-1260-4	8.078	7.041	162200	703621	1.178	12.670 #
35)	L7 AR-1260-5	8.383	7.247	1210856	335942	5.560	3.237 #
36)	L8 AR-1262-1	7.815	0.000	1203083	0	7.043	N.D. #
37)	L8 AR-1262-2	8.383	7.041	1210856	703621	5.209	9.959 #
38)	L8 AR-1262-3	8.717	7.594f	727560	391708	4.442	7.829 #
39)	L8 AR-1262-4	8.795	7.594	366748	391708	3.660	4.723 #
40)	L8 AR-1262-5	9.457	0.000	507939	0	6.311	N.D. #
41)	L9 AR-1268-1	8.717	7.594f	727560	391708	2.162	2.564

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040823\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2023 19:40
Operator : YP/AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

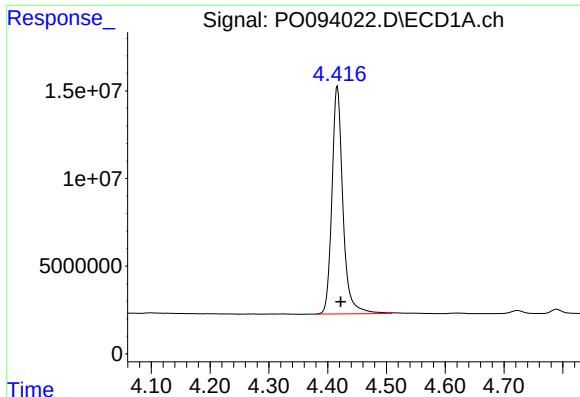
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:40:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 06:20:55 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	8.795	7.594	366748	391708	1.140	2.883 #
43) L9	AR-1268-3	9.036	0.000	583333	0	2.057	N.D. #
44) L9	AR-1268-4	9.457	0.000	507939	0	5.253	N.D. #
45) L9	AR-1268-5	9.890	0.000	325552	0	0.388	N.D. #

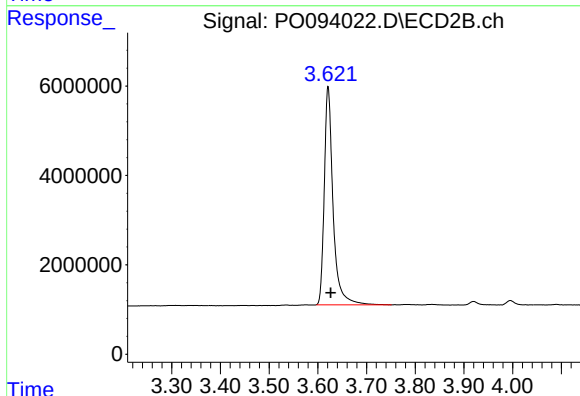
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

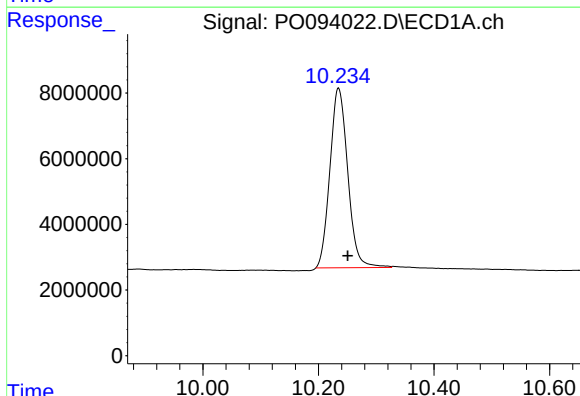
R.T.: 4.416 min
Delta R.T.: -0.006 min
Response: 168638358
Conc: 45.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



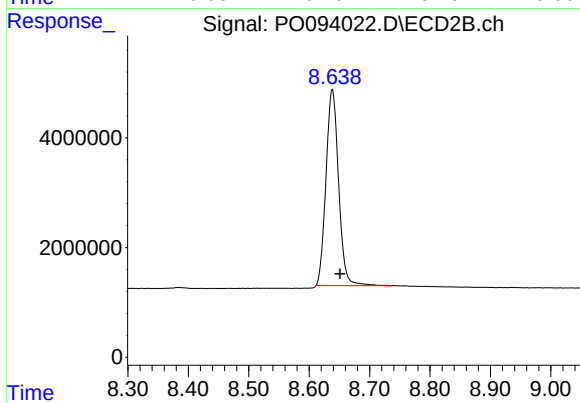
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 61474768
Conc: 48.28 ng/ml



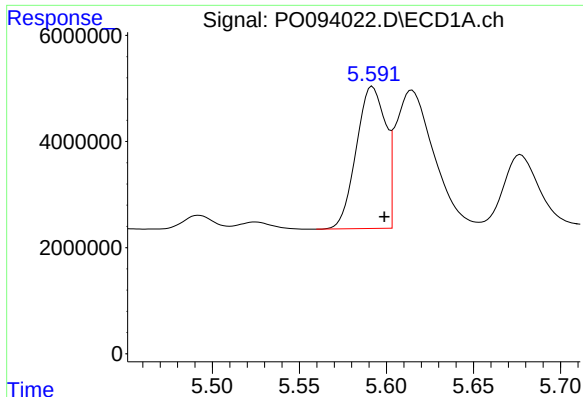
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: -0.016 min
Response: 117639488
Conc: 52.59 ng/ml



#2 Decachlorobiphenyl

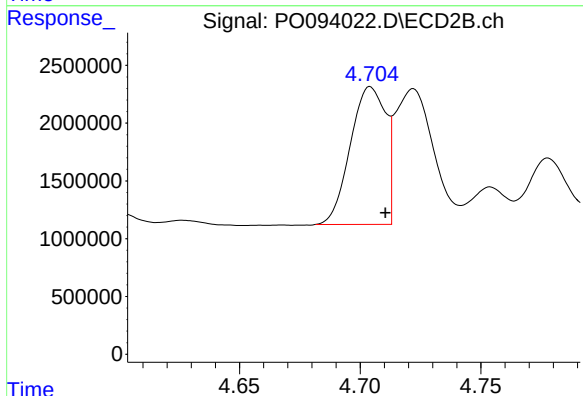
R.T.: 8.638 min
Delta R.T.: -0.013 min
Response: 51983200
Conc: 51.99 ng/ml



#3 AR-1016-1

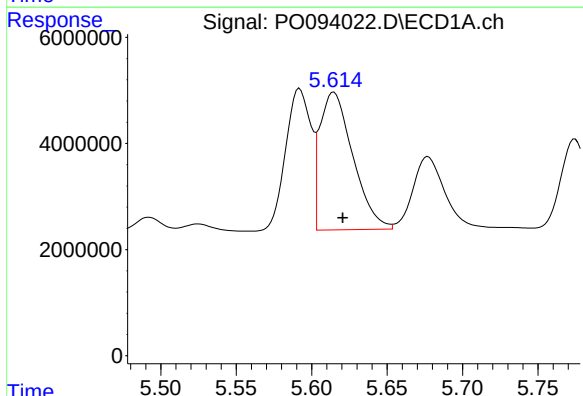
R.T.: 5.592 min
Delta R.T.: -0.007 min
Response: 31307692
Conc: 306.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



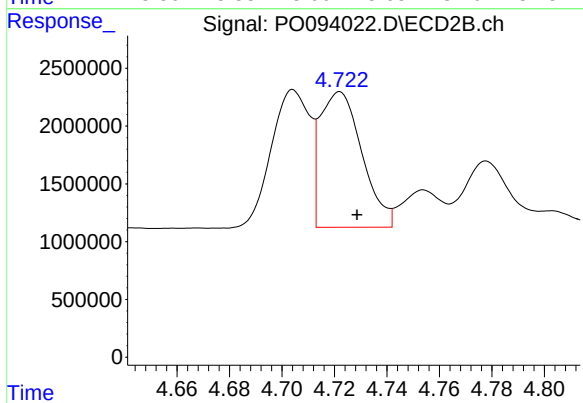
#3 AR-1016-1

R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 12149541
Conc: 342.41 ng/ml



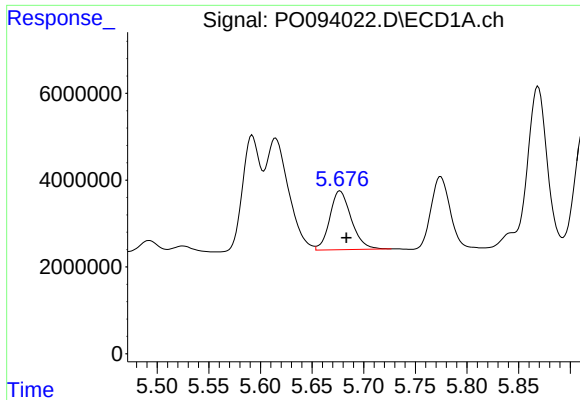
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.006 min
Response: 39598135
Conc: 254.06 ng/ml



#4 AR-1016-2

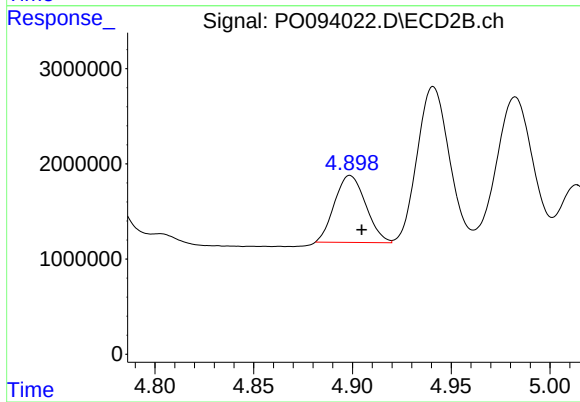
R.T.: 4.722 min
Delta R.T.: -0.007 min
Response: 12983974
Conc: 240.39 ng/ml



#5 AR-1016-3

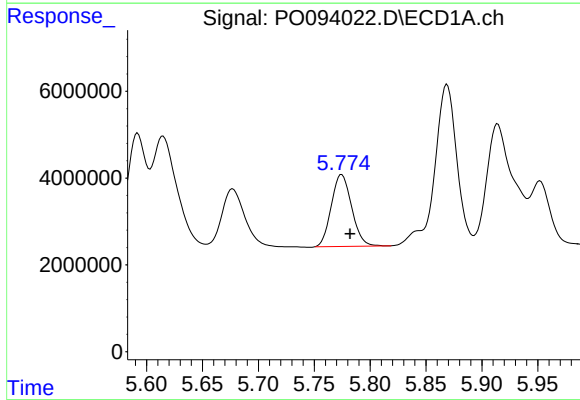
R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 19687027
Conc: 199.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



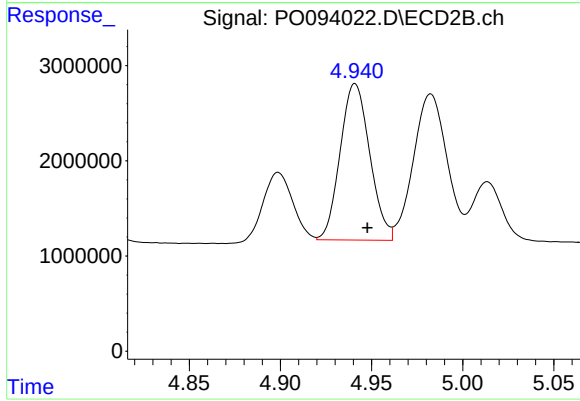
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 7715515
Conc: 272.22 ng/ml



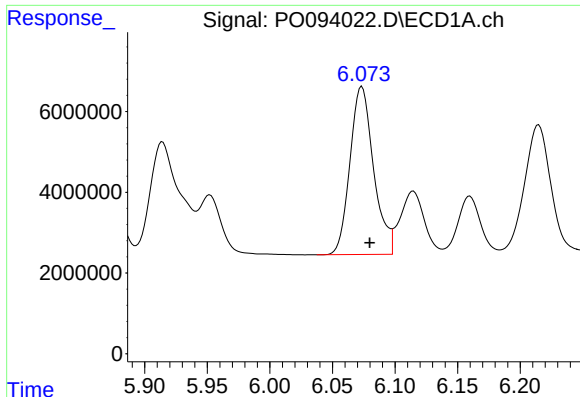
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.008 min
Response: 21008581
Conc: 285.72 ng/ml



#6 AR-1016-4

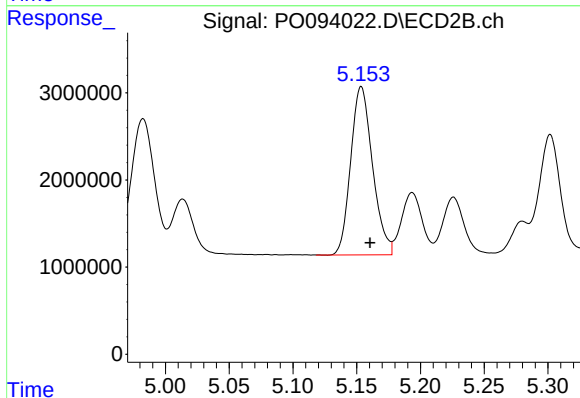
R.T.: 4.941 min
Delta R.T.: -0.007 min
Response: 18640853
Conc: 705.94 ng/ml



#7 AR-1016-5

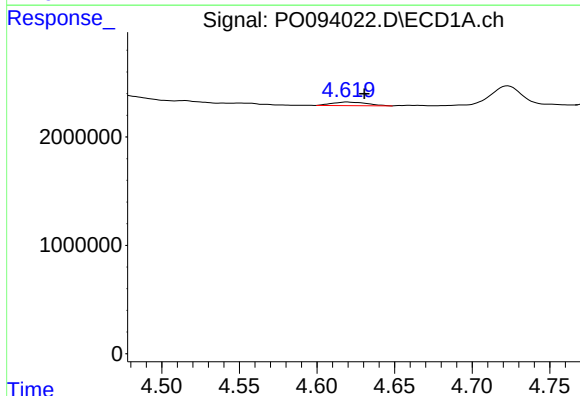
R.T.: 6.074 min
Delta R.T.: -0.006 min
Response: 54784842
Conc: 647.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



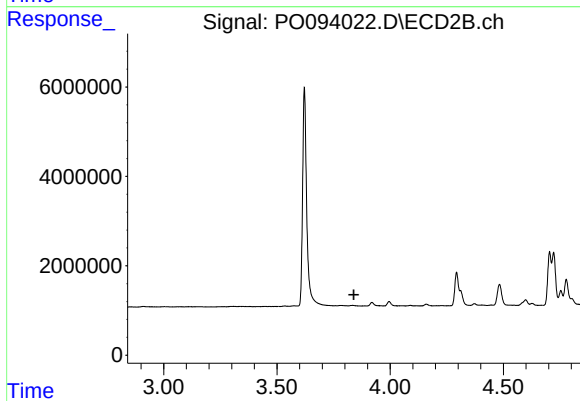
#7 AR-1016-5

R.T.: 5.154 min
Delta R.T.: -0.007 min
Response: 23030860
Conc: 703.85 ng/ml



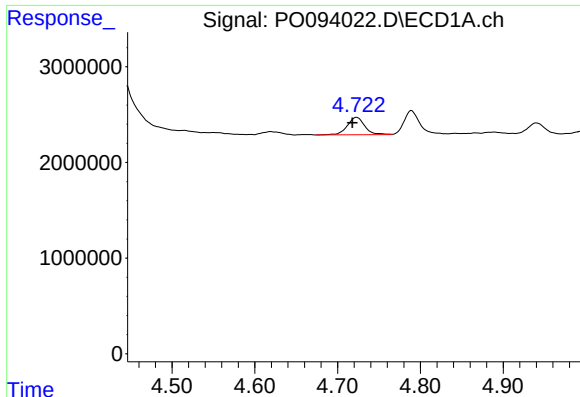
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: -0.011 min
Response: 513755
Conc: 11.14 ng/ml



#8 AR-1221-1

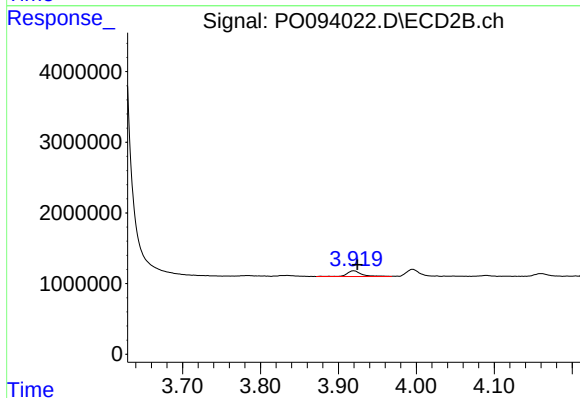
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

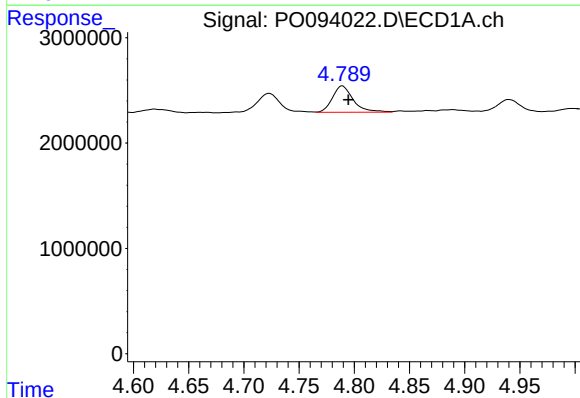
R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 2660198
Conc: 77.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



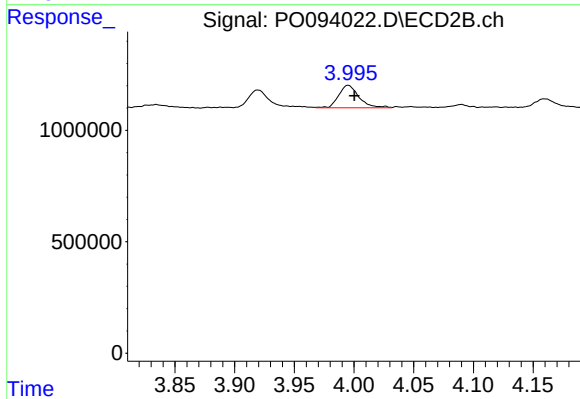
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 1066039
Conc: 90.32 ng/ml



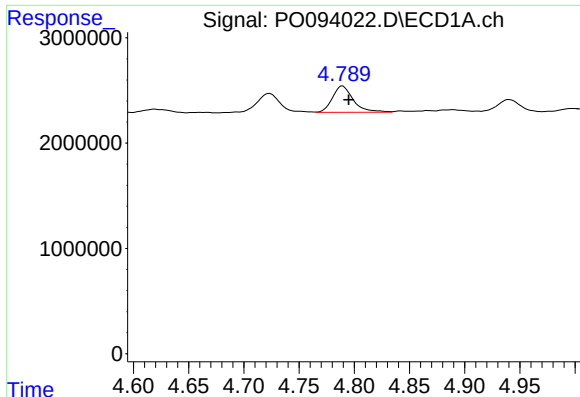
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 3295268
Conc: 31.46 ng/ml



#10 AR-1221-3

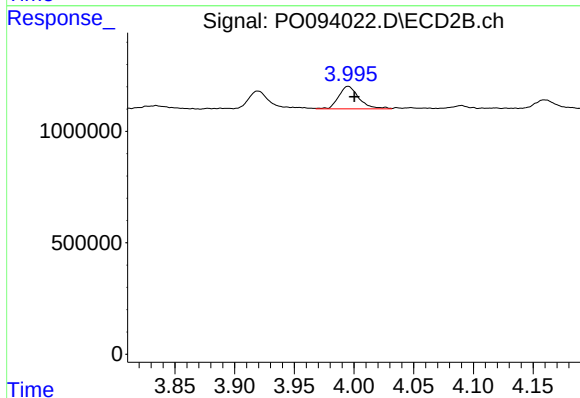
R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 1198482
Conc: 32.53 ng/ml



#11 AR-1232-1

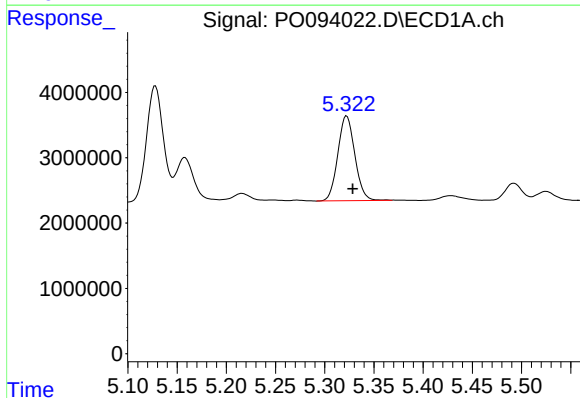
R.T.: 4.789 min
Delta R.T.: -0.006 min
Response: 3295268
Conc: 37.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



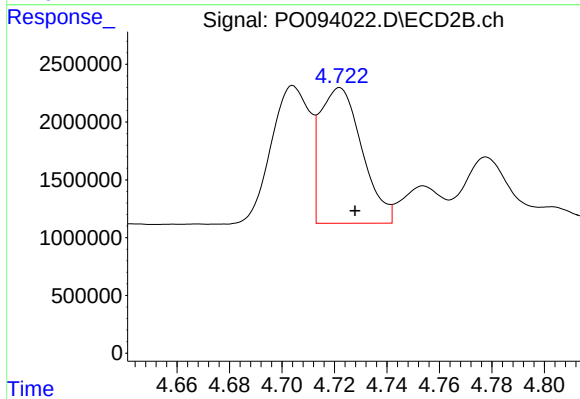
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 1198482
Conc: 38.36 ng/ml



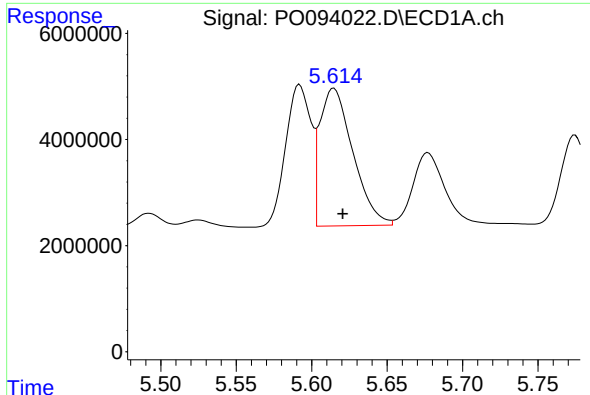
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 15618510
Conc: 365.22 ng/ml



#12 AR-1232-2

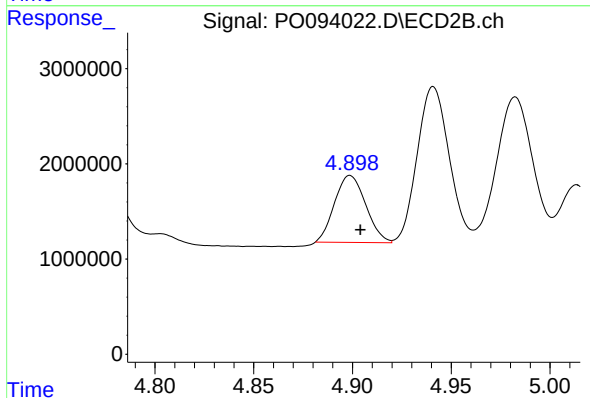
R.T.: 4.722 min
Delta R.T.: -0.006 min
Response: 12983974
Conc: 490.45 ng/ml



#13 AR-1232-3

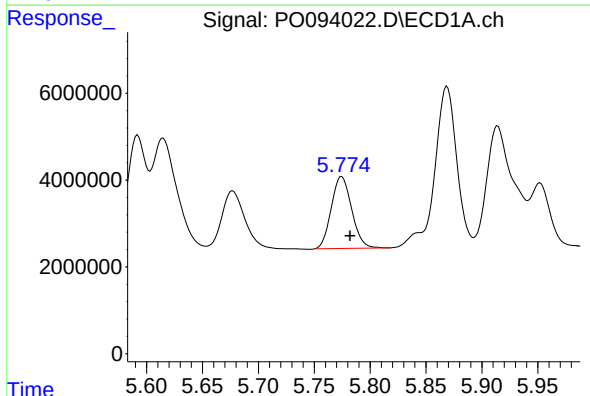
R.T.: 5.615 min
Delta R.T.: -0.006 min
Response: 39598135
Conc: 539.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



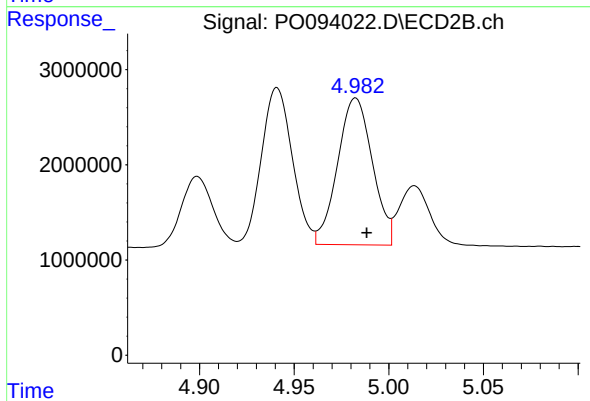
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 7715515
Conc: 584.99 ng/ml



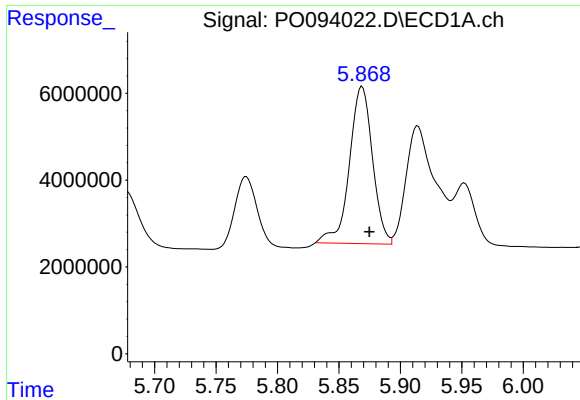
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.008 min
Response: 21008581
Conc: 610.32 ng/ml



#14 AR-1232-4

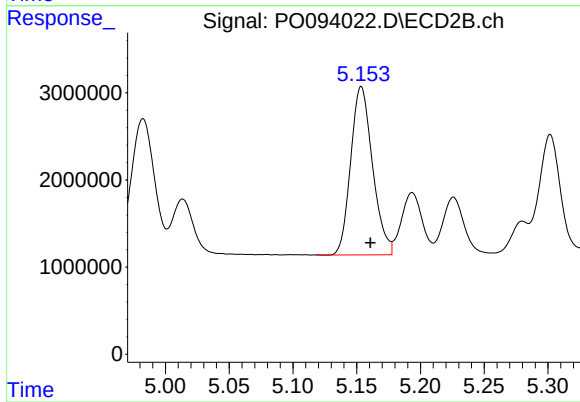
R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 19768995
Conc: 1391.11 ng/ml



#15 AR-1232-5

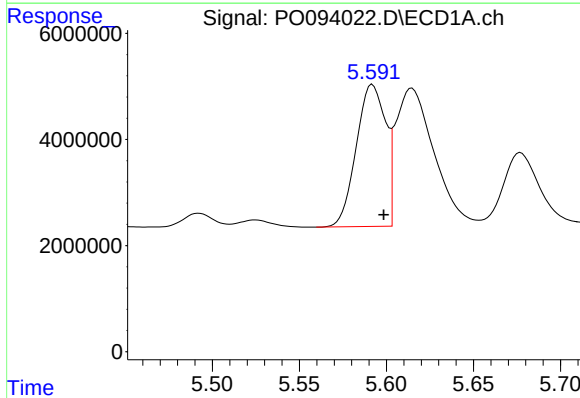
R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 47285784
Conc: 1488.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



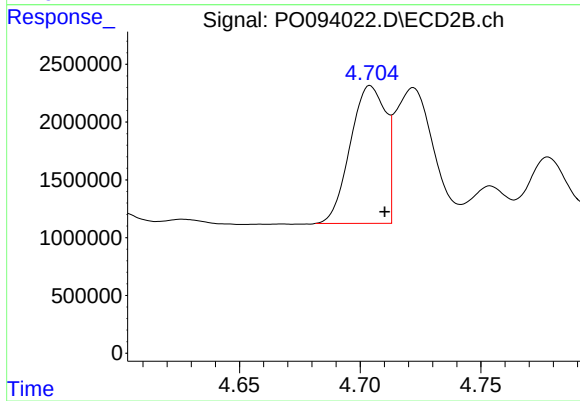
#15 AR-1232-5

R.T.: 5.154 min
Delta R.T.: -0.007 min
Response: 23030860
Conc: 1490.81 ng/ml



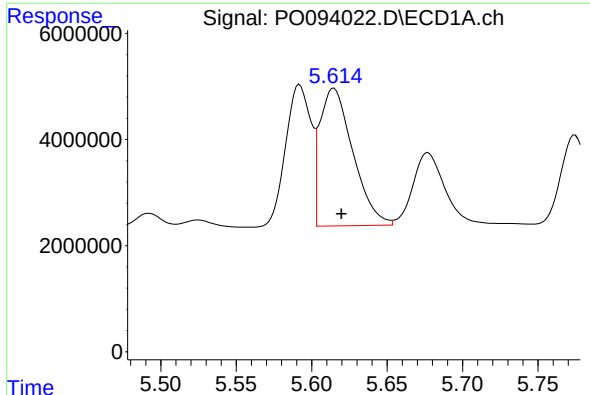
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.006 min
Response: 31307692
Conc: 358.69 ng/ml



#16 AR-1242-1

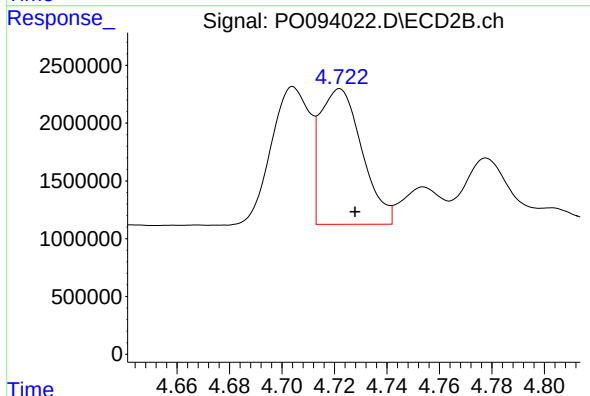
R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 12149541
Conc: 394.82 ng/ml



#17 AR-1242-2

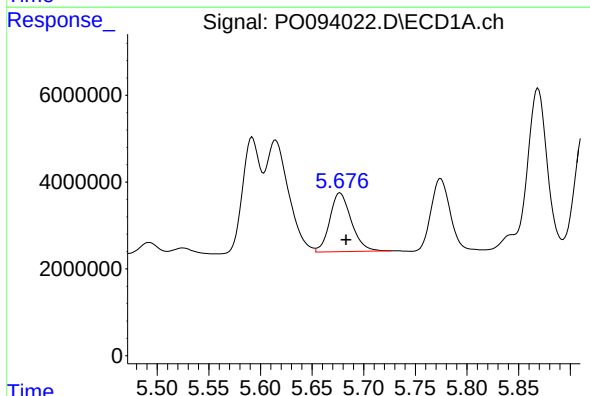
R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 39598135
Conc: 297.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



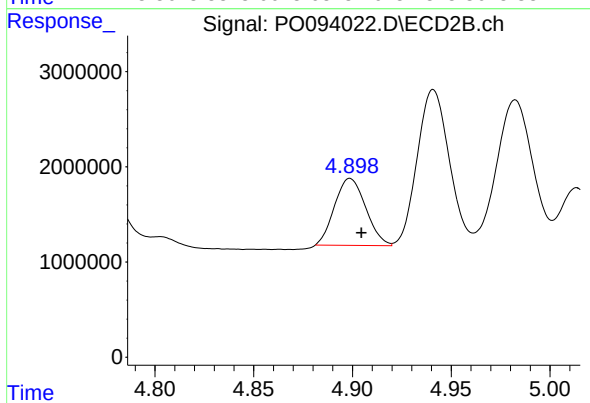
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.006 min
Response: 12983974
Conc: 282.30 ng/ml



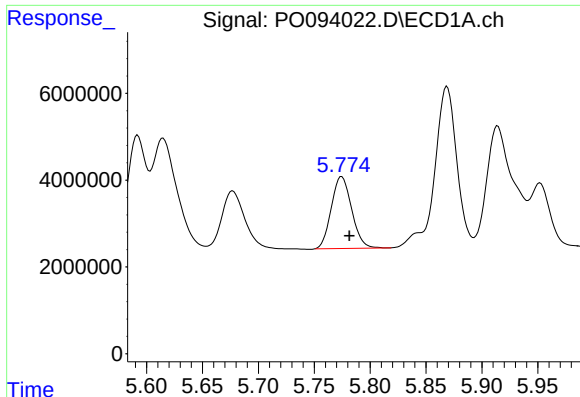
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 19687027
Conc: 231.92 ng/ml



#18 AR-1242-3

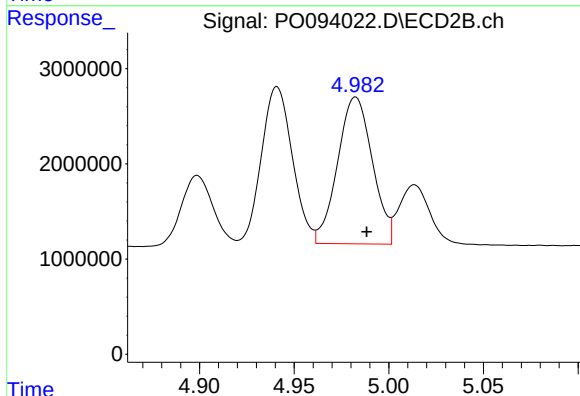
R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 7715515
Conc: 318.37 ng/ml



#19 AR-1242-4

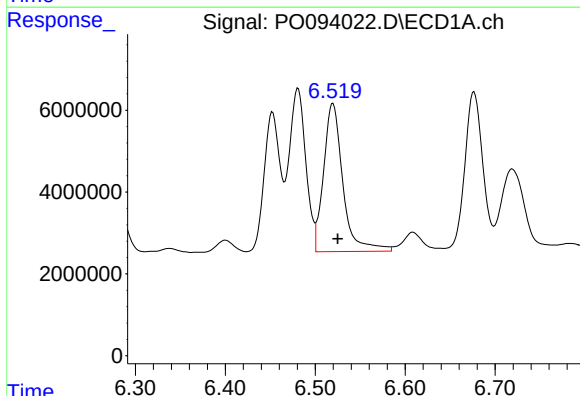
R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 21008581
Conc: 336.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



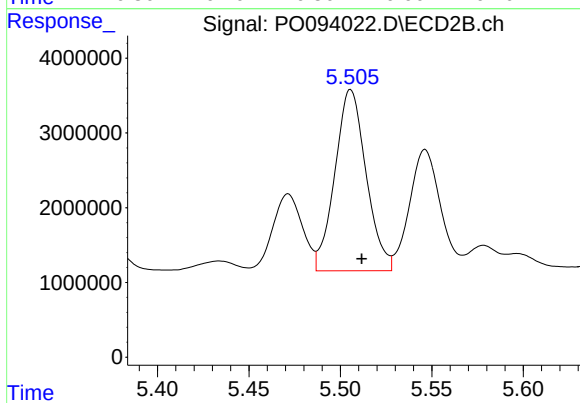
#19 AR-1242-4

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 19768995
Conc: 704.18 ng/ml



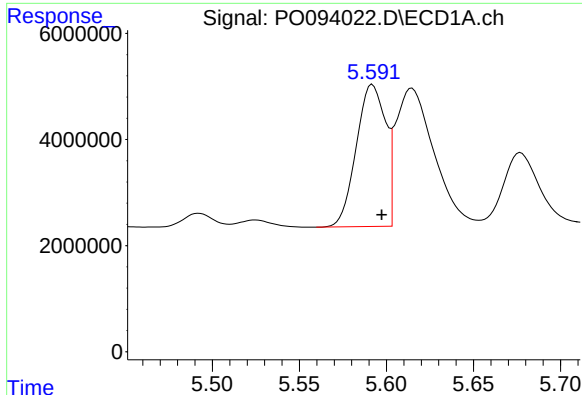
#20 AR-1242-5

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 54031504
Conc: 802.49 ng/ml



#20 AR-1242-5

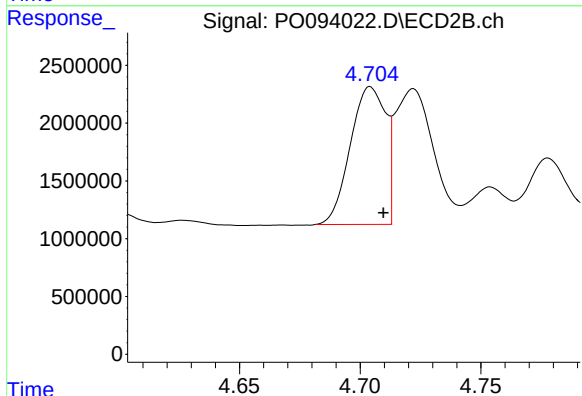
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 28855948
Conc: 1012.10 ng/ml



#21 AR-1248-1

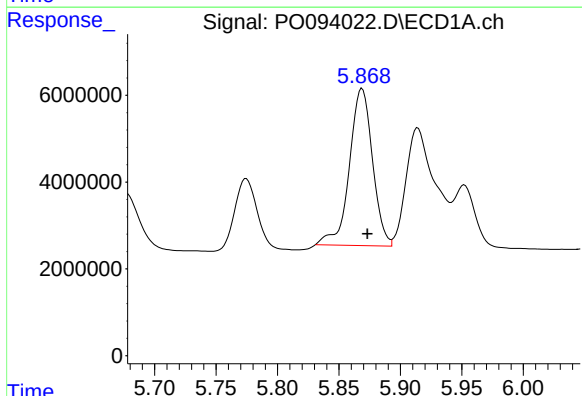
R.T.: 5.592 min
Delta R.T.: -0.005 min
Response: 31307692
Conc: 465.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



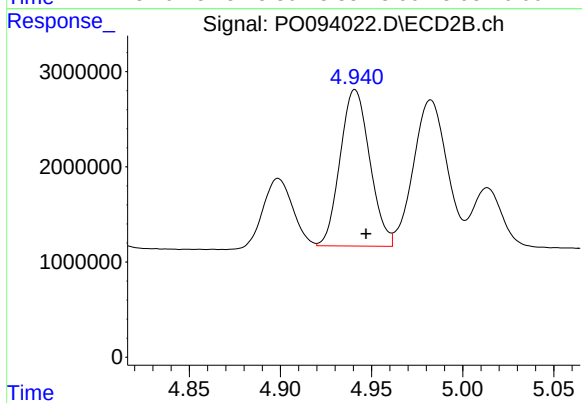
#21 AR-1248-1

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 12149541
Conc: 509.38 ng/ml



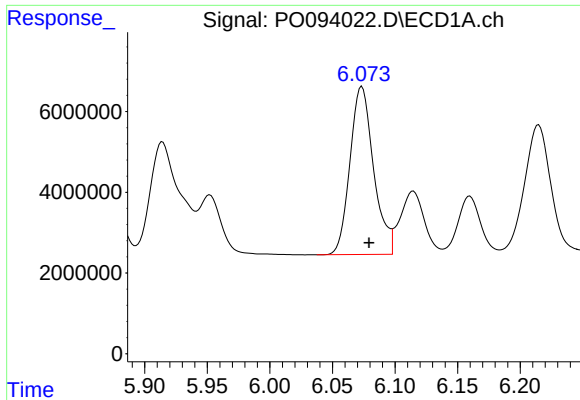
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 47285784
Conc: 432.28 ng/ml



#22 AR-1248-2

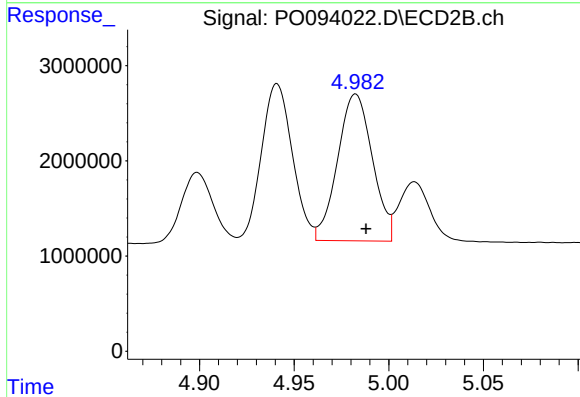
R.T.: 4.941 min
Delta R.T.: -0.006 min
Response: 18640853
Conc: 467.97 ng/ml



#23 AR-1248-3

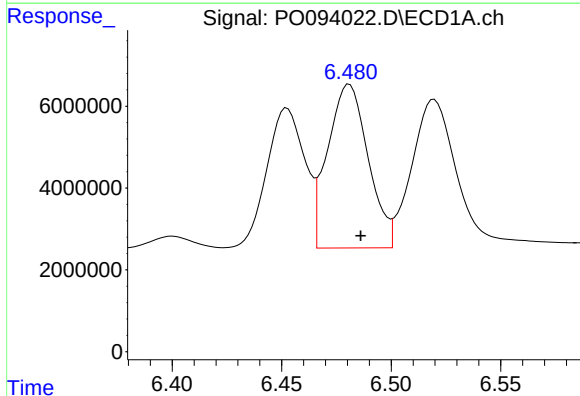
R.T.: 6.074 min
Delta R.T.: -0.006 min
Response: 54784842
Conc: 453.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



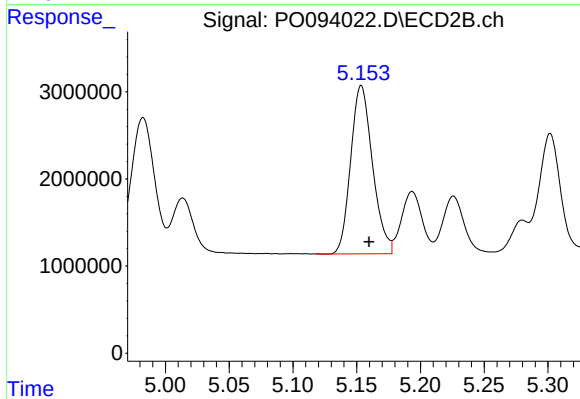
#23 AR-1248-3

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 19768995
Conc: 473.63 ng/ml



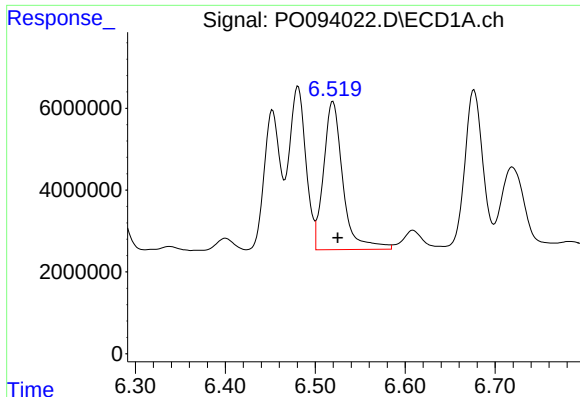
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 51442605
Conc: 478.99 ng/ml



#24 AR-1248-4

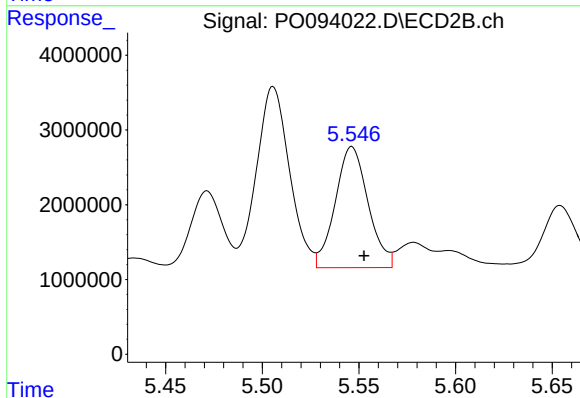
R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 23030860
Conc: 489.77 ng/ml



#25 AR-1248-5

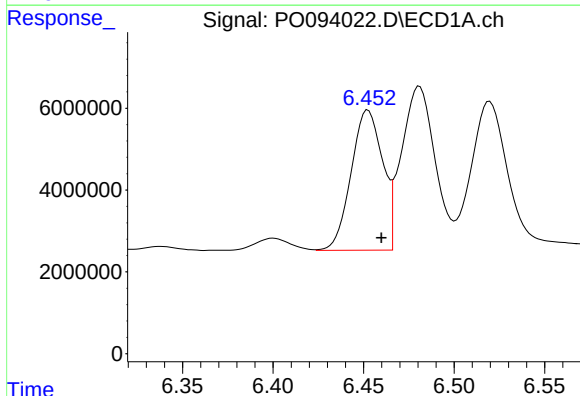
R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 54031504
Conc: 465.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



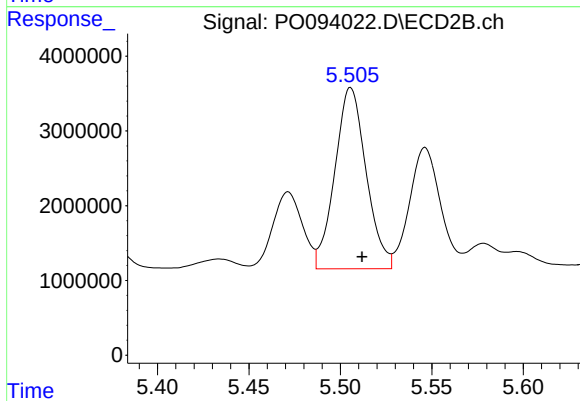
#25 AR-1248-5

R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 19151221
Conc: 512.97 ng/ml



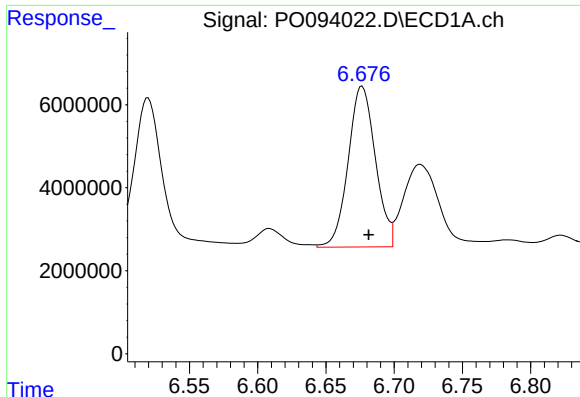
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 41430406
Conc: 305.47 ng/ml



#26 AR-1254-1

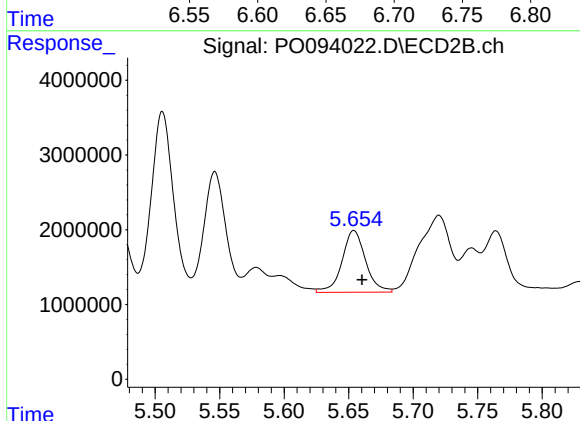
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 28855948
Conc: 422.16 ng/ml



#27 AR-1254-2

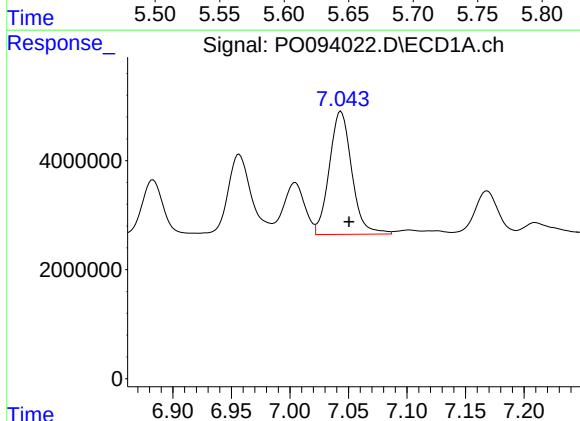
R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 53749062
Conc: 274.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



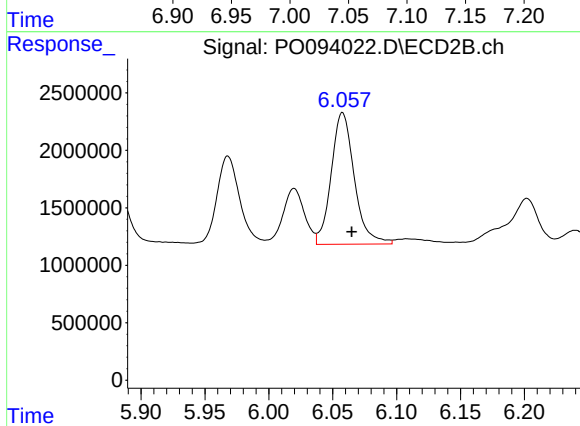
#27 AR-1254-2

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 10491124
Conc: 172.25 ng/ml



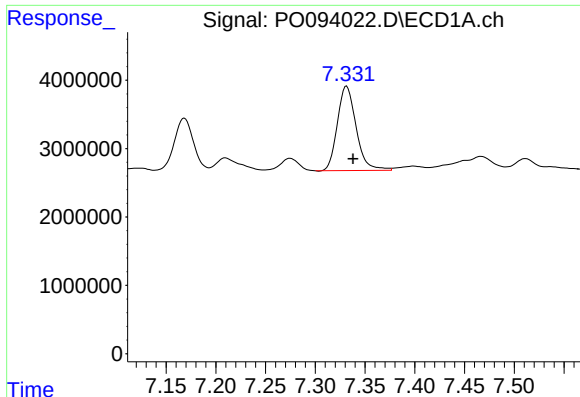
#28 AR-1254-3

R.T.: 7.044 min
Delta R.T.: -0.007 min
Response: 30144918
Conc: 163.17 ng/ml



#28 AR-1254-3

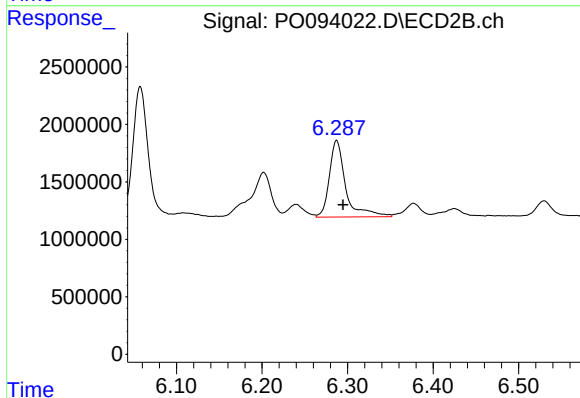
R.T.: 6.058 min
Delta R.T.: -0.007 min
Response: 14421058
Conc: 158.32 ng/ml



#29 AR-1254-4

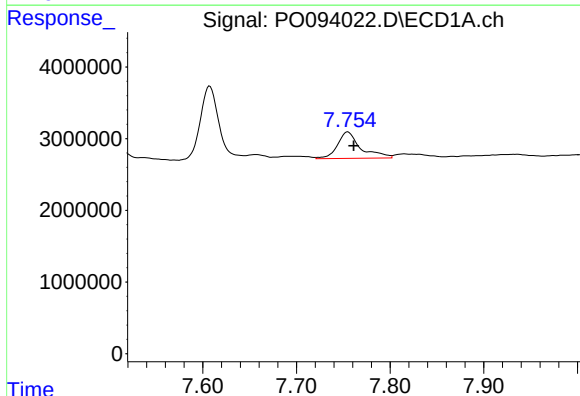
R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 16257585
Conc: 160.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



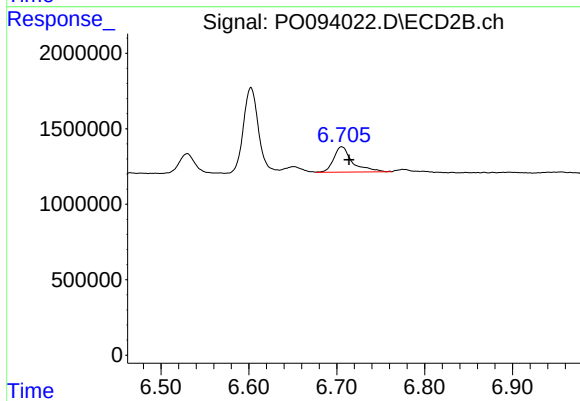
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 8847021
Conc: 207.70 ng/ml



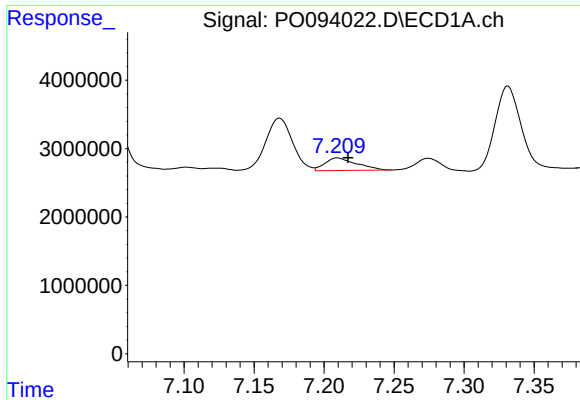
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 6321703
Conc: 46.62 ng/ml



#30 AR-1254-5

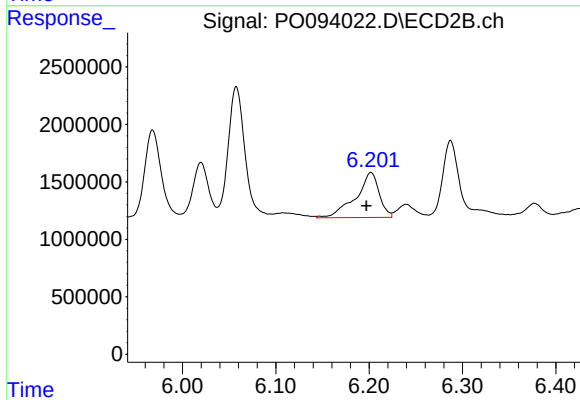
R.T.: 6.706 min
Delta R.T.: -0.008 min
Response: 2492352
Conc: 34.54 ng/ml



#31 AR-1260-1

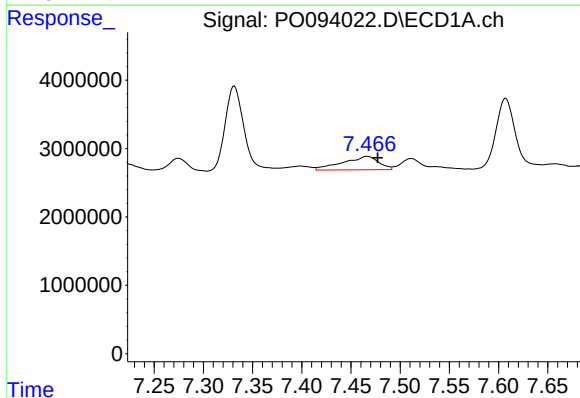
R.T.: 7.210 min
Delta R.T.: -0.007 min
Response: 2886543
Conc: 19.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



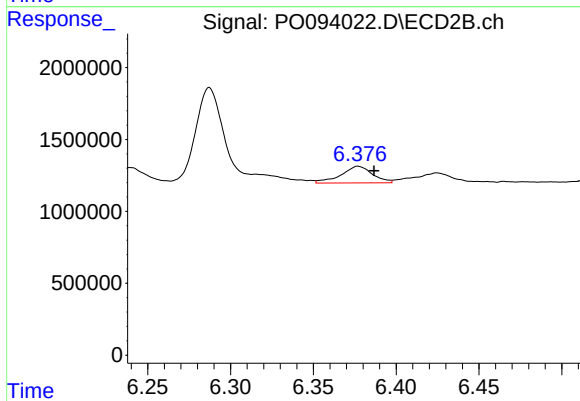
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: 0.005 min
Response: 6857209
Conc: 105.15 ng/ml



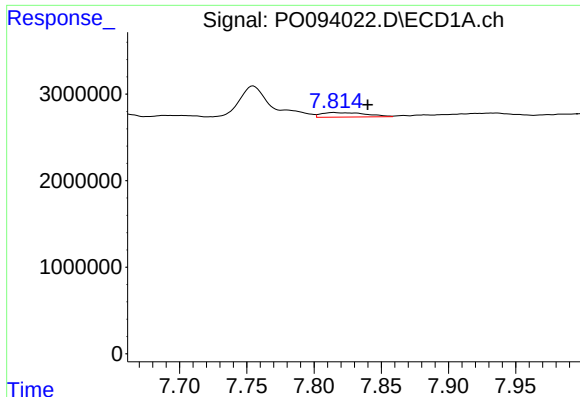
#32 AR-1260-2

R.T.: 7.467 min
Delta R.T.: -0.010 min
Response: 4986891
Conc: 31.16 ng/ml



#32 AR-1260-2

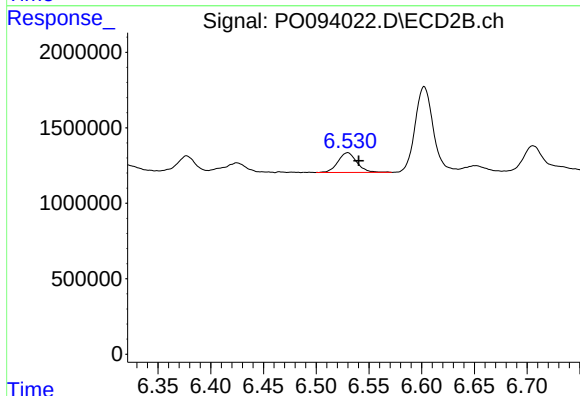
R.T.: 6.377 min
Delta R.T.: -0.010 min
Response: 1521181
Conc: 20.95 ng/ml



#33 AR-1260-3

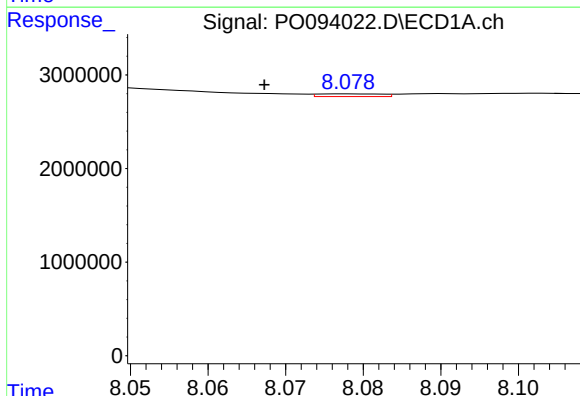
R.T.: 7.815 min
Delta R.T.: -0.025 min
Response: 1203083
Conc: 9.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



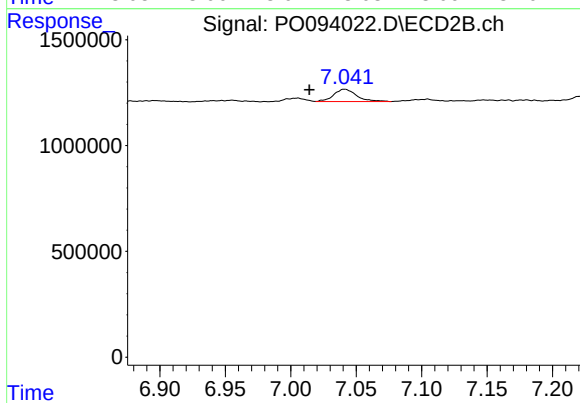
#33 AR-1260-3

R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 1633832
Conc: 22.51 ng/ml



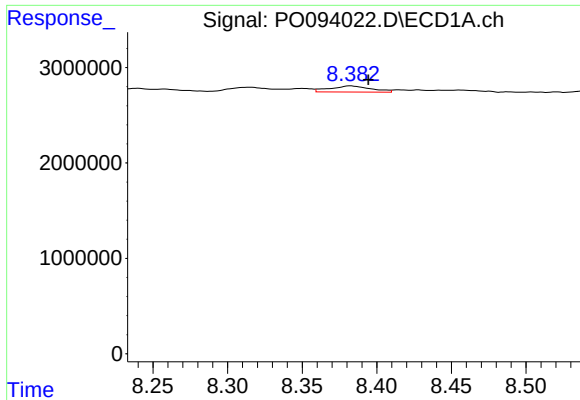
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 162200
Conc: 1.18 ng/ml



#34 AR-1260-4

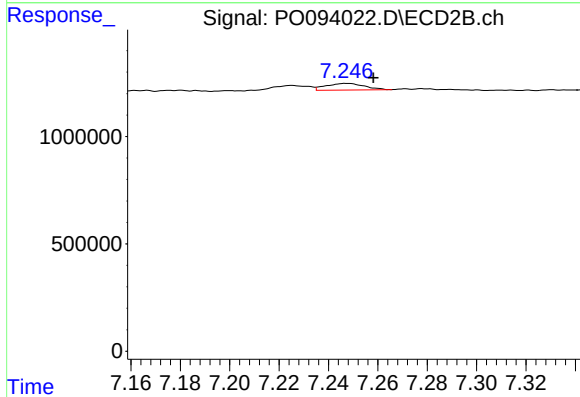
R.T.: 7.041 min
Delta R.T.: 0.027 min
Response: 703621
Conc: 12.67 ng/ml



#35 AR-1260-5

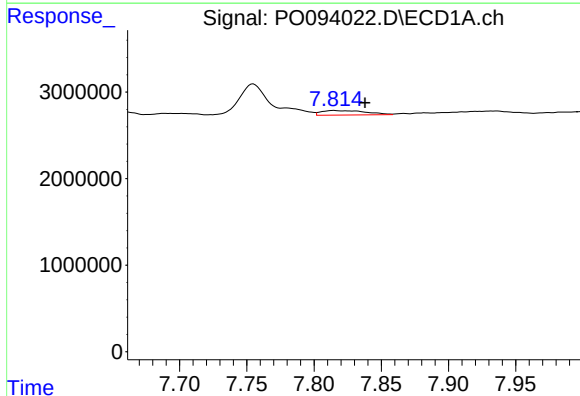
R.T.: 8.383 min
Delta R.T.: -0.012 min
Response: 1210856
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



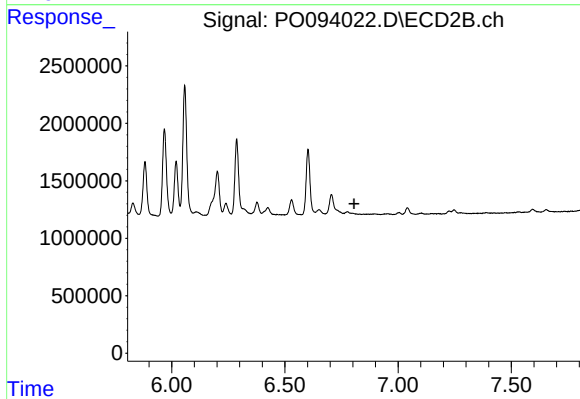
#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.011 min
Response: 335942
Conc: 3.24 ng/ml



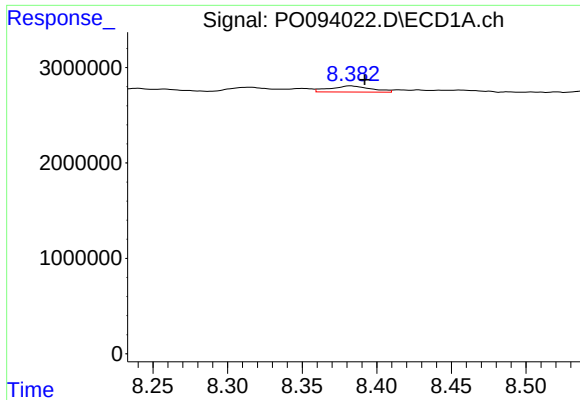
#36 AR-1262-1

R.T.: 7.815 min
Delta R.T.: -0.023 min
Response: 1203083
Conc: 7.04 ng/ml



#36 AR-1262-1

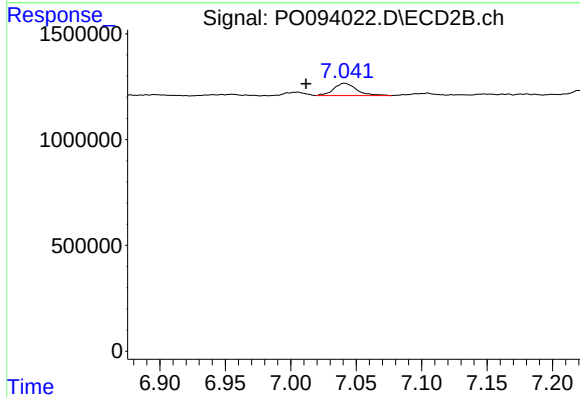
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

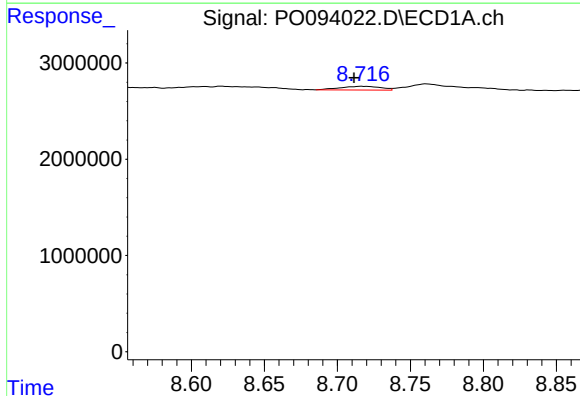
R.T.: 8.383 min
Delta R.T.: -0.009 min
Response: 1210856
Conc: 5.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



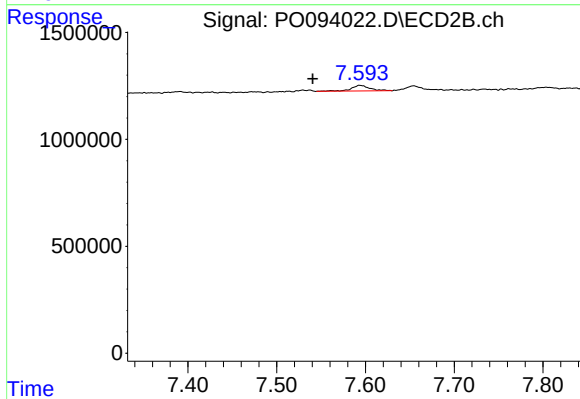
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: 0.030 min
Response: 703621
Conc: 9.96 ng/ml



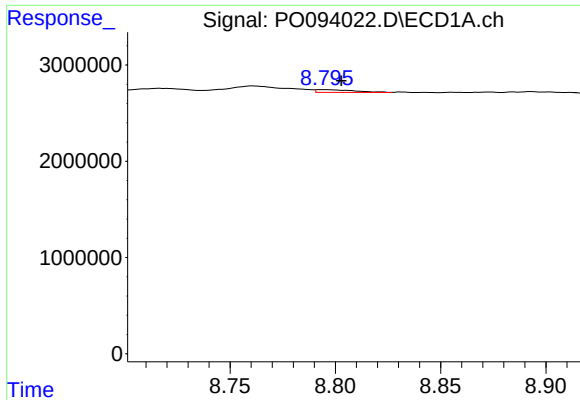
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: 0.005 min
Response: 727560
Conc: 4.44 ng/ml



#38 AR-1262-3

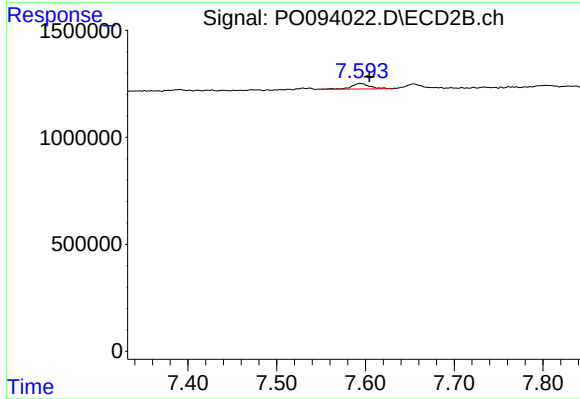
R.T.: 7.594 min
Delta R.T.: 0.053 min
Response: 391708
Conc: 7.83 ng/ml



#39 AR-1262-4

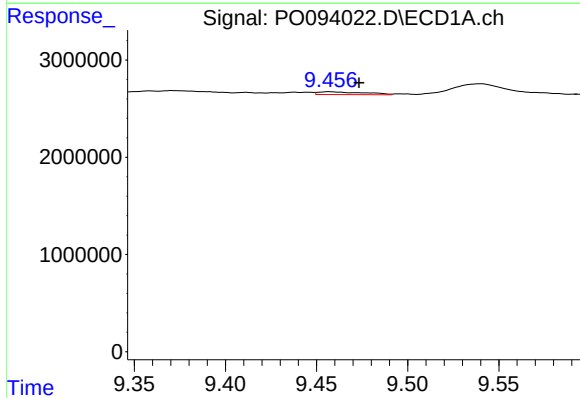
R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 366748
Conc: 3.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



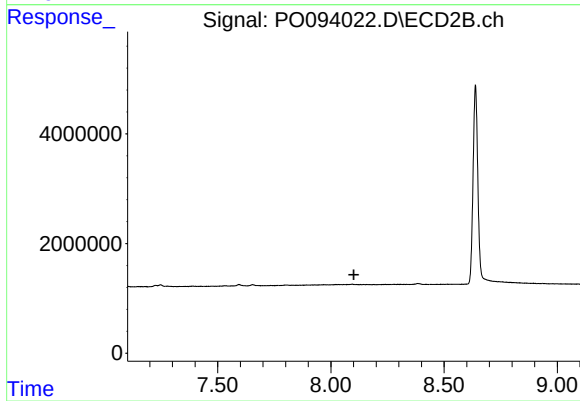
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.011 min
Response: 391708
Conc: 4.72 ng/ml



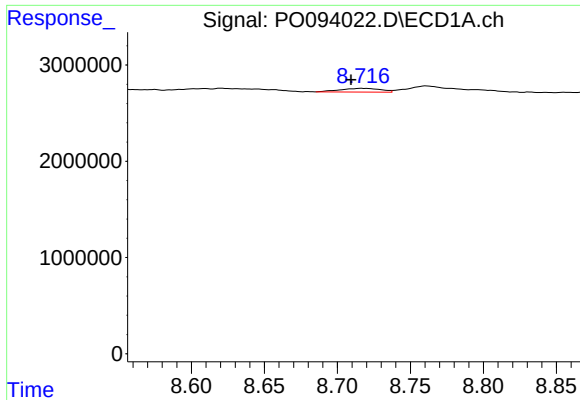
#40 AR-1262-5

R.T.: 9.457 min
Delta R.T.: -0.016 min
Response: 507939
Conc: 6.31 ng/ml



#40 AR-1262-5

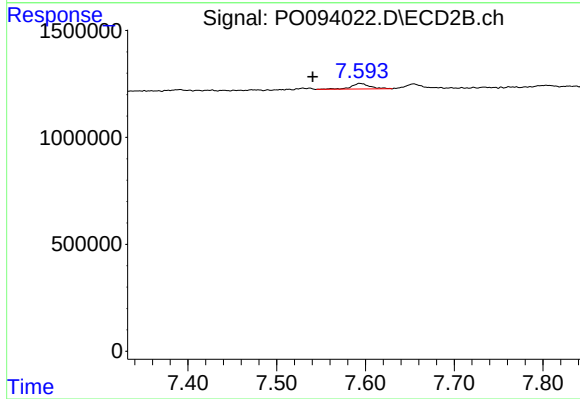
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

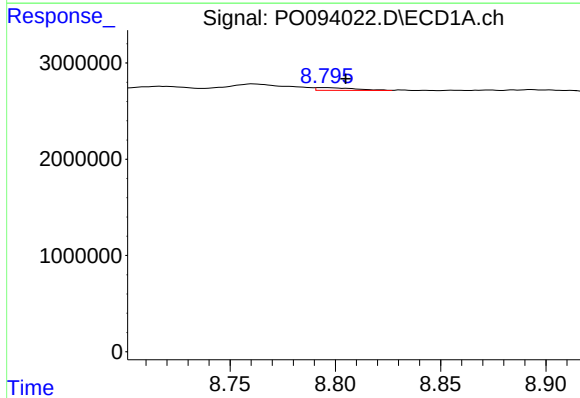
R.T.: 8.717 min
Delta R.T.: 0.007 min
Response: 727560
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



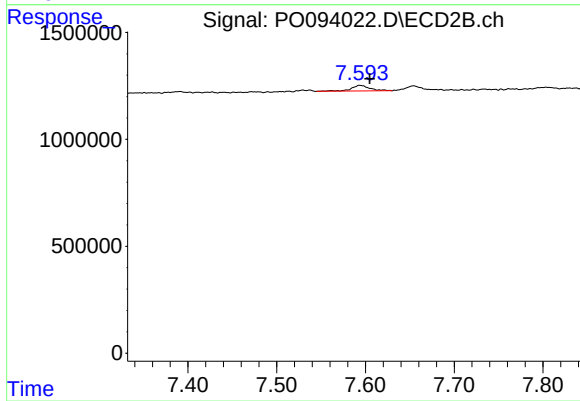
#41 AR-1268-1

R.T.: 7.594 min
Delta R.T.: 0.053 min
Response: 391708
Conc: 2.56 ng/ml



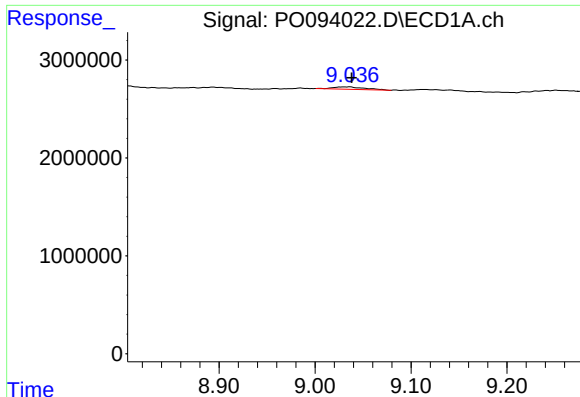
#42 AR-1268-2

R.T.: 8.795 min
Delta R.T.: -0.010 min
Response: 366748
Conc: 1.14 ng/ml



#42 AR-1268-2

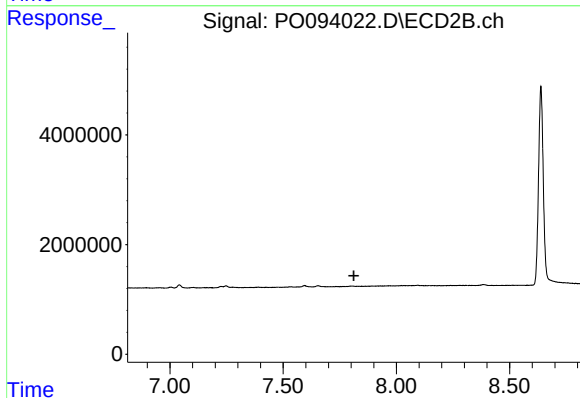
R.T.: 7.594 min
Delta R.T.: -0.011 min
Response: 391708
Conc: 2.88 ng/ml



#43 AR-1268-3

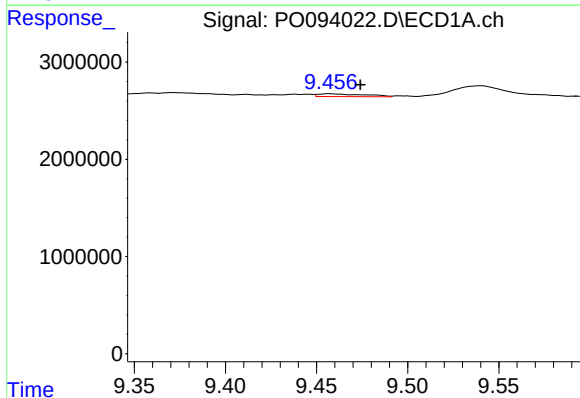
R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 583333
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



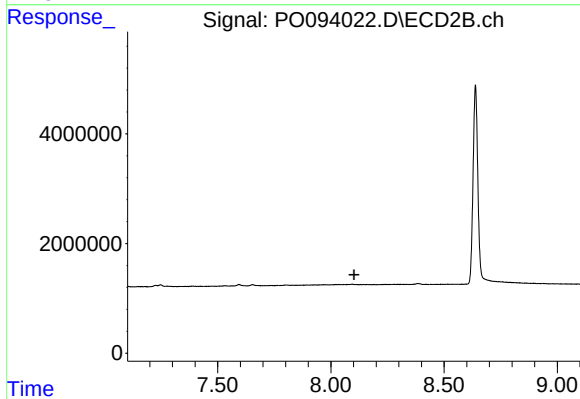
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



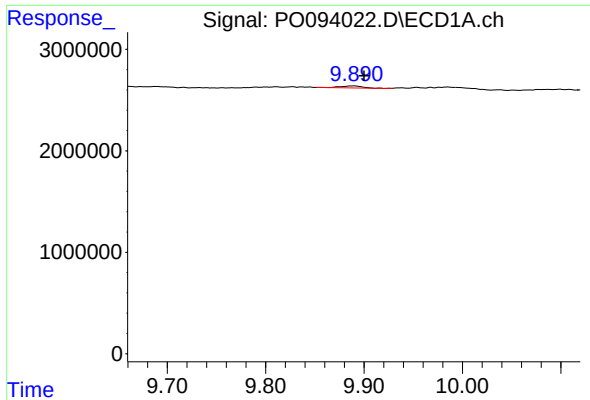
#44 AR-1268-4

R.T.: 9.457 min
Delta R.T.: -0.017 min
Response: 507939
Conc: 5.25 ng/ml



#44 AR-1268-4

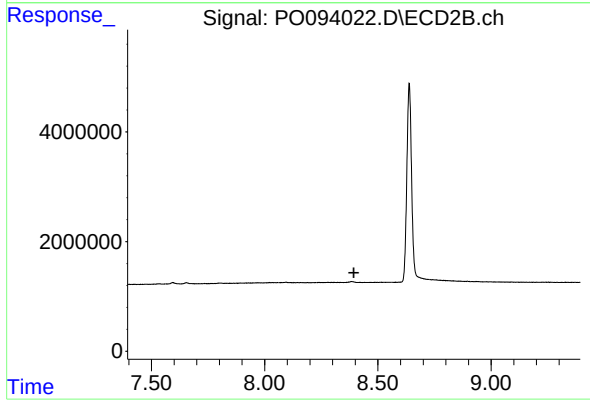
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: -0.010 min
Response: 325552
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.