

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 10:22
 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 21 21:35:48 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	3.620	173.3E6	67551248	53.869	52.296
2)	SA Decachlor...	10.257	8.636	124.8E6	56311196	58.398	56.537
Target Compounds							
3)	L1 AR-1016-1	5.593	4.701	1644901	570248	18.075	15.492
4)	L1 AR-1016-2	5.622	4.719	2401696	440545	17.112	7.762 #
5)	L1 AR-1016-3	5.680	4.897	1158413	327551	12.829	11.079
6)	L1 AR-1016-4	5.778	4.938	891879	16366188	13.062	597.647 #
7)	L1 AR-1016-5	6.076	5.151	22608809	10361683	295.841	296.588
8)	L2 AR-1221-1	4.627	0.000	147442	0	3.590	N.D. #
9)	L2 AR-1221-2	4.725	3.918	2512709	917016	82.994	74.262
10)	L2 AR-1221-3	4.789	0.000	732435	0	7.811	N.D. #
11)	L3 AR-1232-1	4.789	0.000	732435	0	9.229	N.D. #
12)	L3 AR-1232-2	5.325	4.719	925285	440545	23.546	15.702 #
13)	L3 AR-1232-3	5.622	4.897	2401696	327551	35.872	23.200 #
14)	L3 AR-1232-4	5.778	4.978	891879	5068142	27.813	336.738 #
15)	L3 AR-1232-5	5.871	5.151	38952635	10361683	1291.001	638.400 #
16)	L4 AR-1242-1	5.593	4.701	1644901	570248	20.808	17.914
17)	L4 AR-1242-2	5.622	4.719	2401696	440545	19.789	9.223 #
18)	L4 AR-1242-3	5.680	4.897	1158413	327551	14.782	12.942
19)	L4 AR-1242-4	5.778	4.978	891879	5068142	15.296	174.437 #
20)	L4 AR-1242-5	6.528	5.503	20508940	36406445	343.013	1238.205 #
21)	L5 AR-1248-1	5.593	4.701	1644901	570248	27.281	23.141
22)	L5 AR-1248-2	5.871	4.938	38952635	16366188	377.445	398.930
23)	L5 AR-1248-3	6.076	4.978	22608809	5068142	205.784	119.188 #
24)	L5 AR-1248-4	6.485	5.151	27019729	10361683	275.895	213.916
25)	L5 AR-1248-5	6.528	5.543	20508940	4370625	195.406	114.035 #
26)	L6 AR-1254-1	6.458	5.503	61243016	36406445	495.267	520.881
27)	L6 AR-1254-2	6.680	5.651	91744950	32362805	506.757	516.852
28)	L6 AR-1254-3	7.049	6.055	88835483	49260904	520.742	532.841
29)	L6 AR-1254-4	7.339	6.285	53318852	25181568	565.776	594.309
30)	L6 AR-1254-5	7.763	6.704	67350792	41966530	564.132	559.930
31)	L7 AR-1260-1	7.216	6.187	37152170	25297837	277.952	376.857 #
32)	L7 AR-1260-2	7.476	6.375	39994966	20483962	285.707	275.562
33)	L7 AR-1260-3	7.823	6.527	11767071	20092182	103.188	281.326 #
34)	L7 AR-1260-4	8.053	7.001	25171888	2104909	210.313	35.796 #
35)	L7 AR-1260-5	8.395	7.245	9957553	5065728	48.287	44.567
36)	L8 AR-1262-1	7.823	6.793	11767071	1666448	73.263	45.687 #
37)	L8 AR-1262-2	8.395	7.001	9957553	2104909	45.568	28.680 #
38)	L8 AR-1262-3	8.730	7.591f	6946999	4522023	44.311	84.328 #
39)	L8 AR-1262-4	8.778	7.591	2070999	4522023	22.481	48.396 #
40)	L8 AR-1262-5	9.477	0.000	276459	0	3.781	N.D. #
41)	L9 AR-1268-1	8.730	7.591f	6946999	4522023	21.905	27.202

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Acq On : 21 Apr 2023 10:22
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

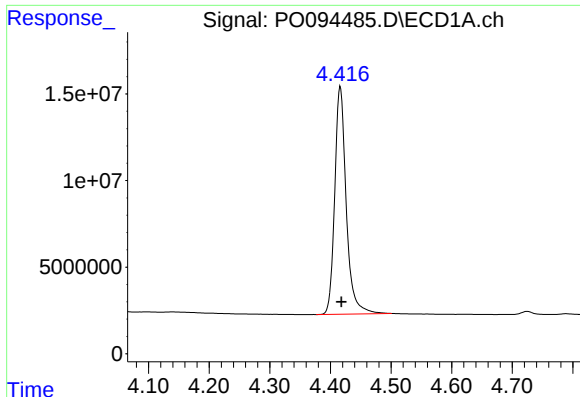
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 21:35:48 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	8.829	7.591	108679	4522023	0.385	29.373 #
43) L9	AR-1268-3	9.041	0.000	85777	0	0.325	N.D. #
44) L9	AR-1268-4	9.477	0.000	276459	0	3.277	N.D. #
45) L9	AR-1268-5	9.905	0.000	238545	0	0.298	N.D. #

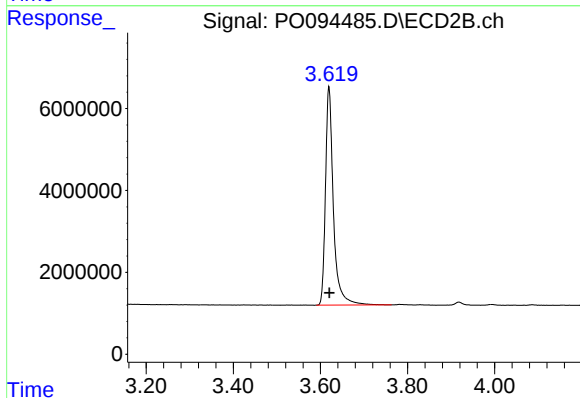
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

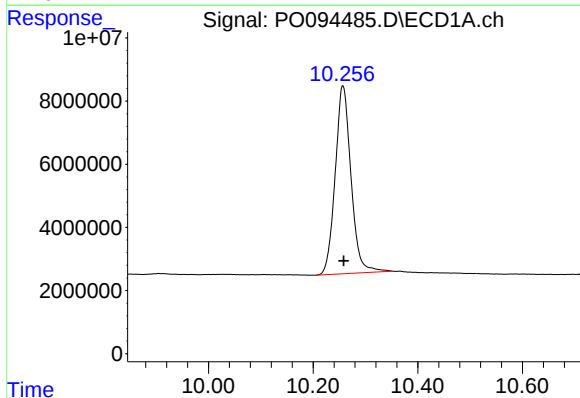
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 173298211
Conc: 53.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



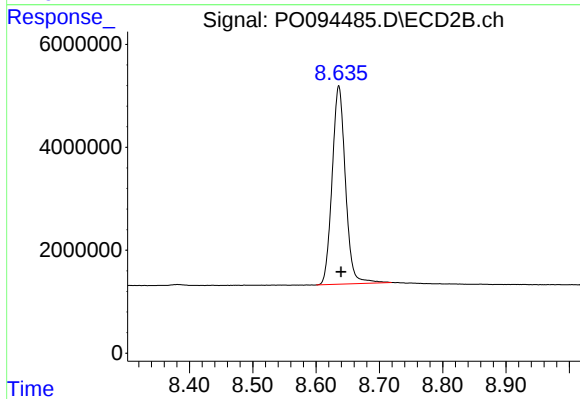
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.002 min
Response: 67551248
Conc: 52.30 ng/ml



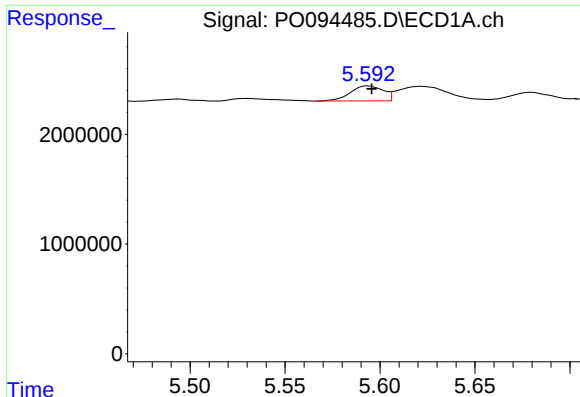
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.002 min
Response: 124823263
Conc: 58.40 ng/ml



#2 Decachlorobiphenyl

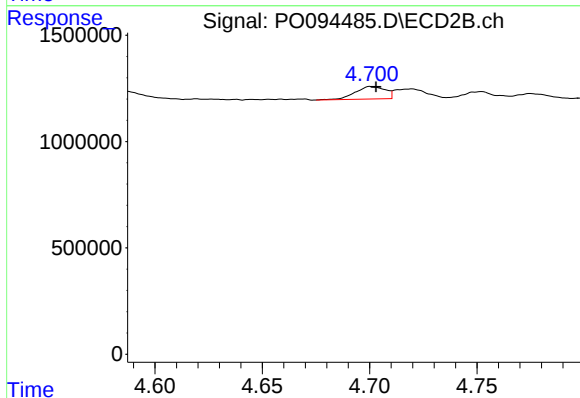
R.T.: 8.636 min
Delta R.T.: -0.003 min
Response: 56311196
Conc: 56.54 ng/ml



#3 AR-1016-1

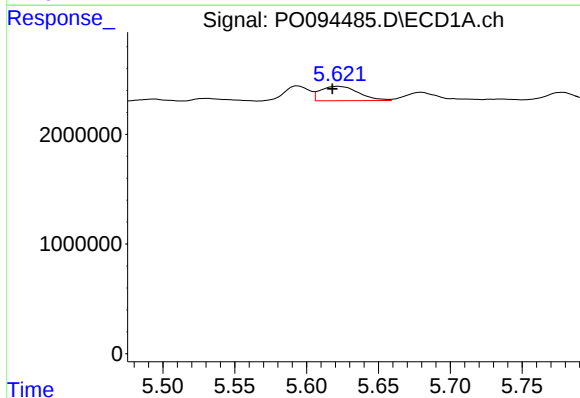
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 1644901
Conc: 18.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



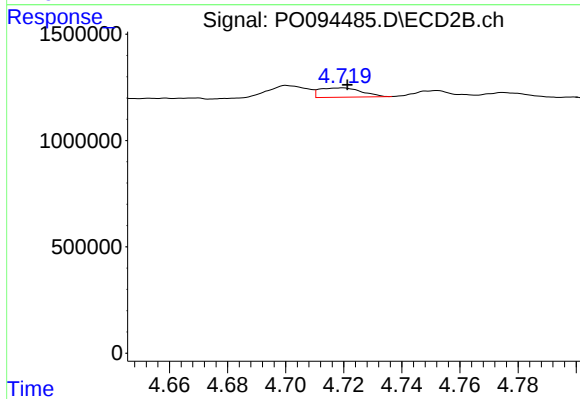
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 570248
Conc: 15.49 ng/ml



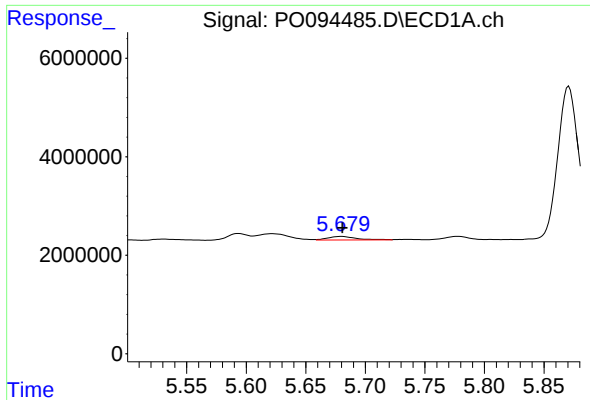
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.004 min
Response: 2401696
Conc: 17.11 ng/ml



#4 AR-1016-2

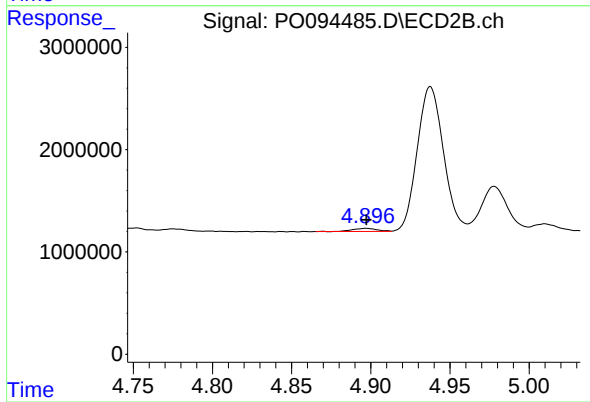
R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 440545
Conc: 7.76 ng/ml



#5 AR-1016-3

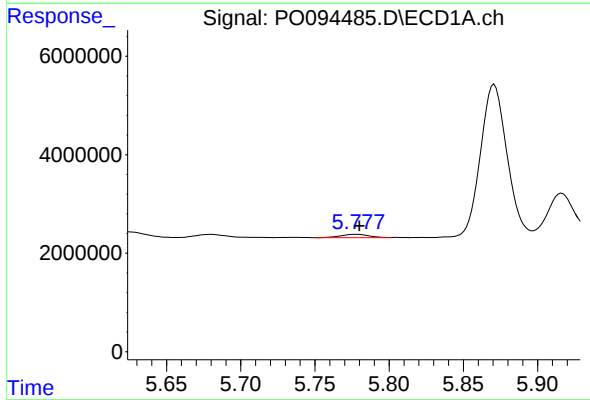
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 1158413
Conc: 12.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



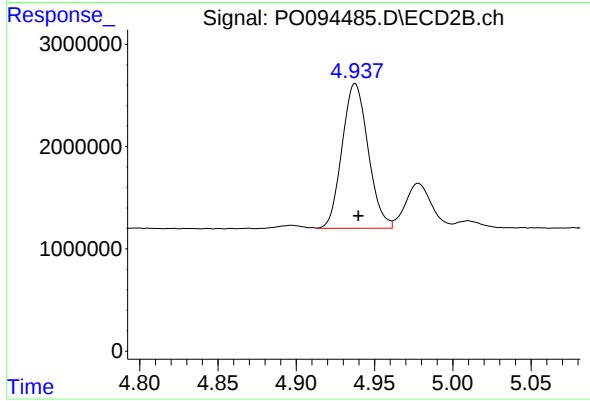
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 327551
Conc: 11.08 ng/ml



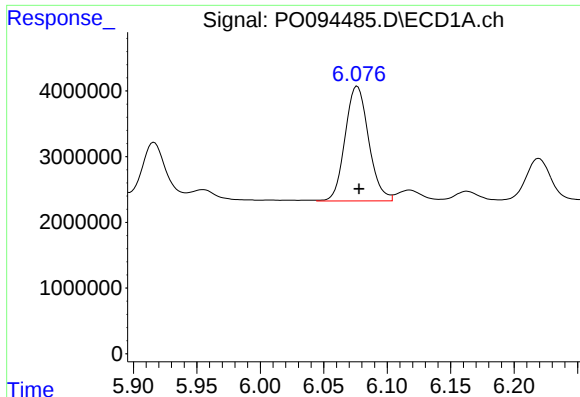
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 891879
Conc: 13.06 ng/ml



#6 AR-1016-4

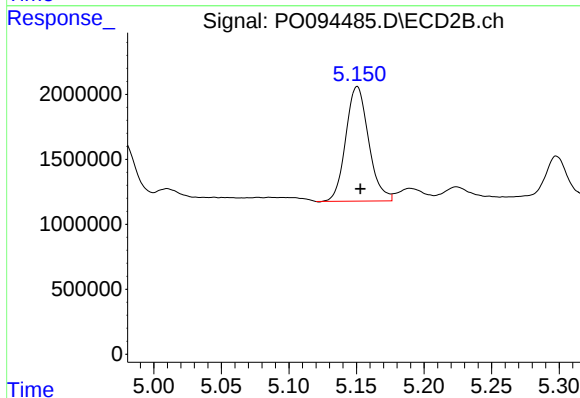
R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 16366188
Conc: 597.65 ng/ml



#7 AR-1016-5

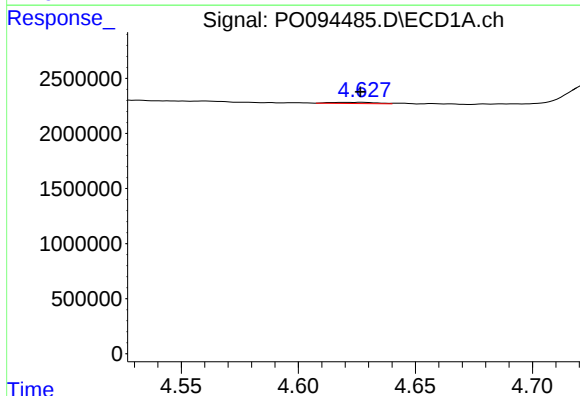
R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 22608809
Conc: 295.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



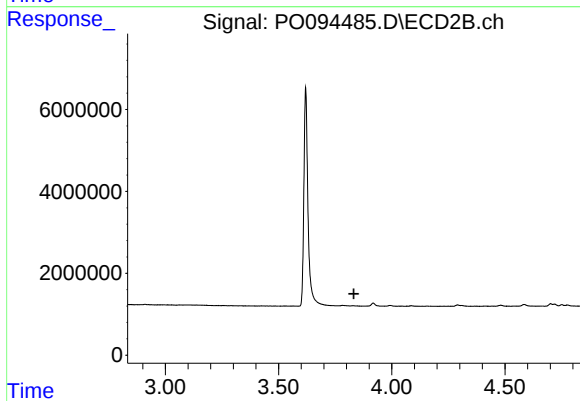
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.002 min
Response: 10361683
Conc: 296.59 ng/ml



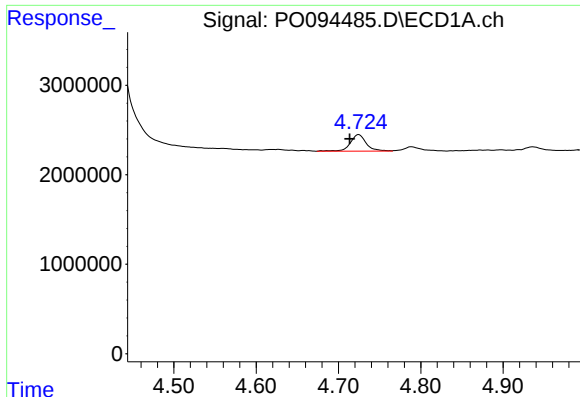
#8 AR-1221-1

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 147442
Conc: 3.59 ng/ml



#8 AR-1221-1

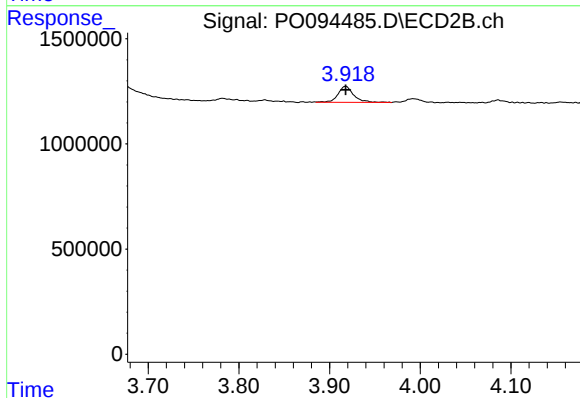
R.T.: 0.000 min
Exp R.T. : 3.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

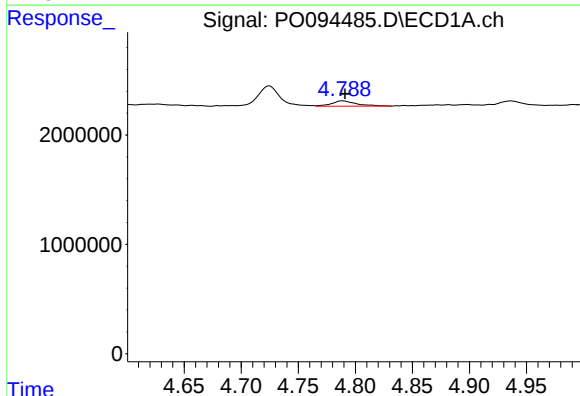
R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 2512709
Conc: 82.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



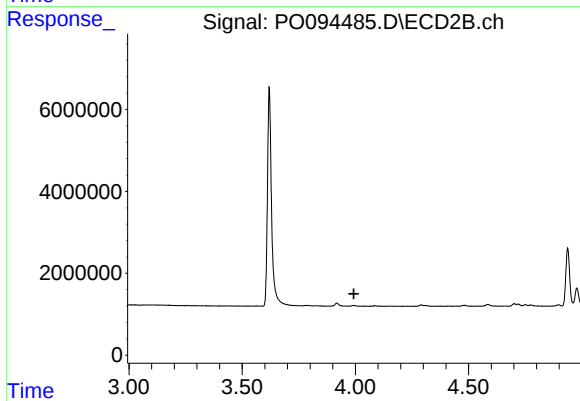
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 917016
Conc: 74.26 ng/ml



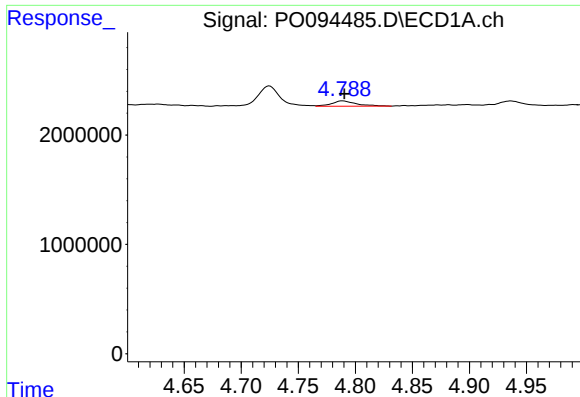
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 732435
Conc: 7.81 ng/ml



#10 AR-1221-3

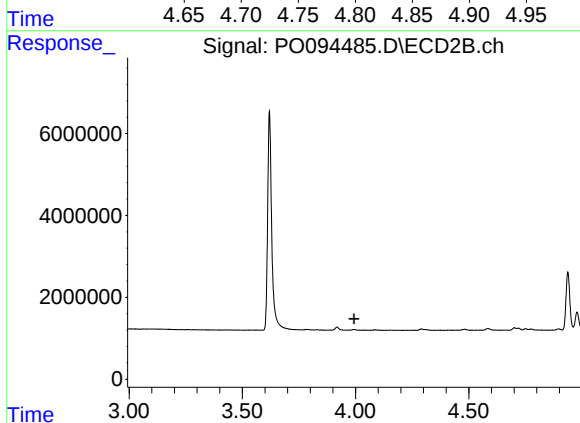
R.T.: 0.000 min
Exp R.T. : 3.994 min
Response: 0
Conc: N.D.



#11 AR-1232-1

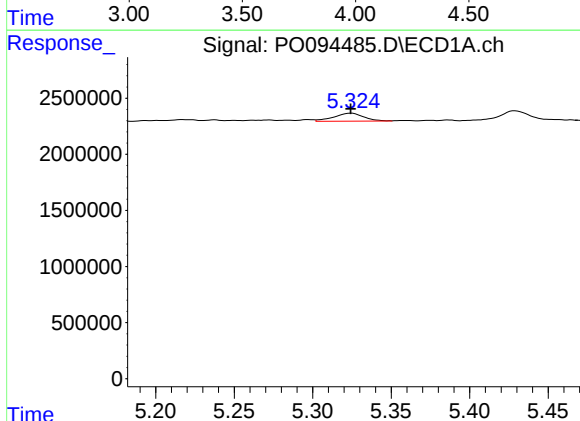
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 732435
Conc: 9.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



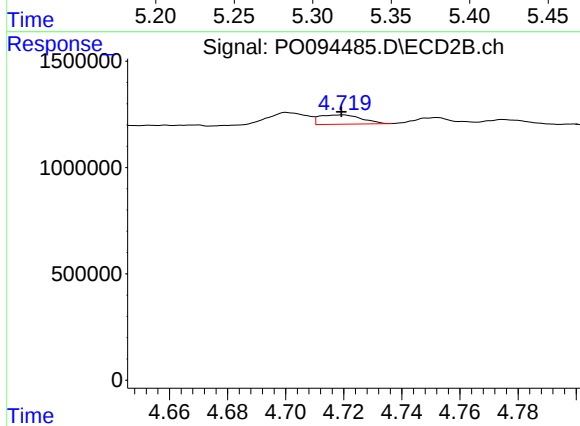
#11 AR-1232-1

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



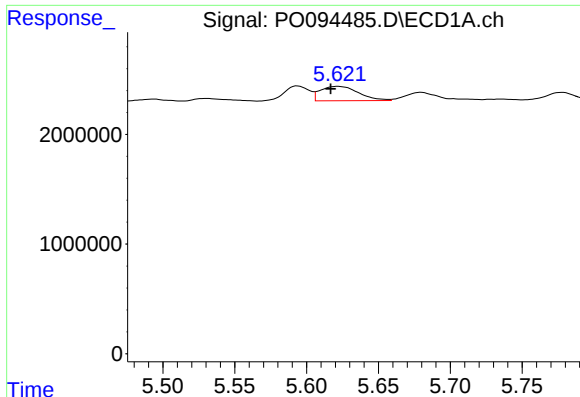
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 925285
Conc: 23.55 ng/ml



#12 AR-1232-2

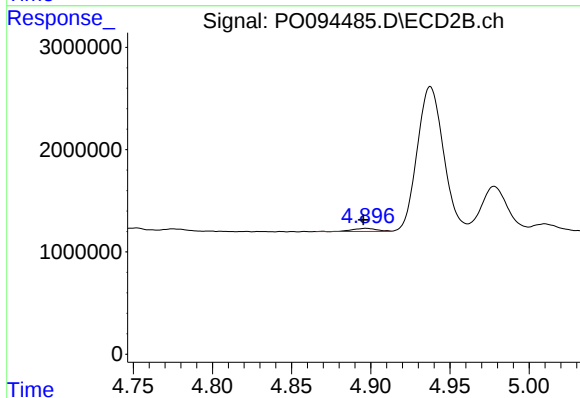
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 440545
Conc: 15.70 ng/ml



#13 AR-1232-3

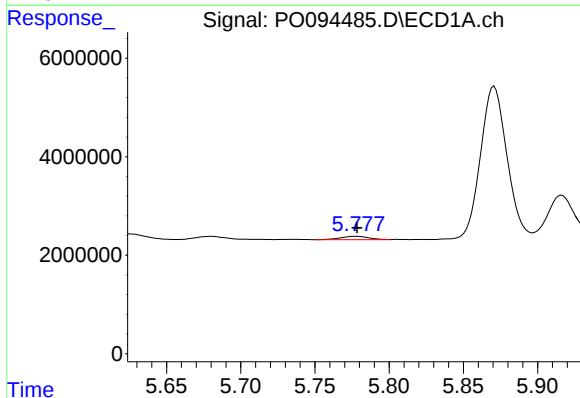
R.T.: 5.622 min
Delta R.T.: 0.005 min
Response: 2401696
Conc: 35.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



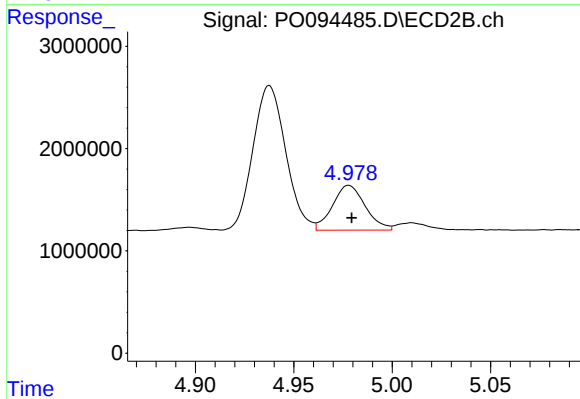
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 327551
Conc: 23.20 ng/ml



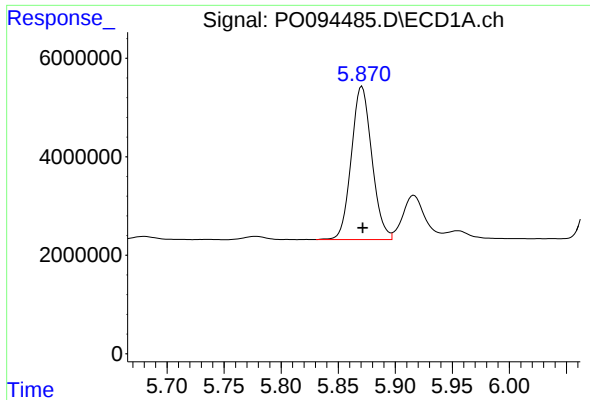
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 891879
Conc: 27.81 ng/ml



#14 AR-1232-4

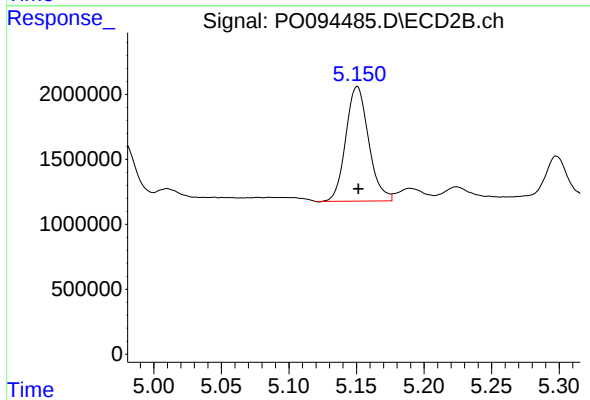
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 5068142
Conc: 336.74 ng/ml



#15 AR-1232-5

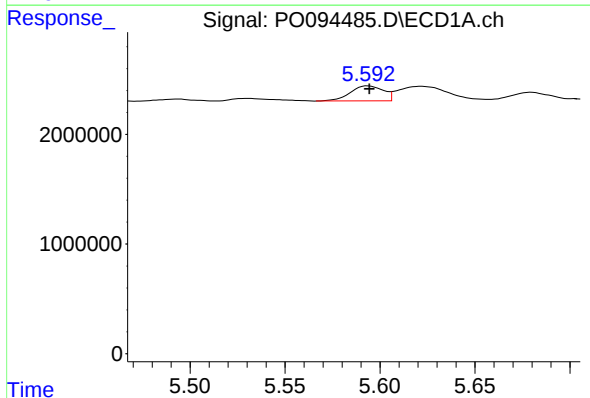
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 38952635
Conc: 1291.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



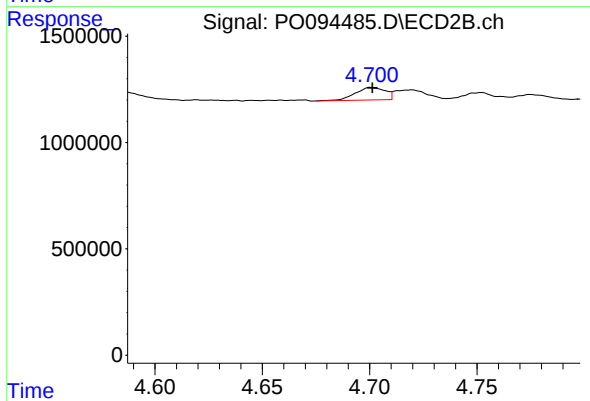
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 10361683
Conc: 638.40 ng/ml



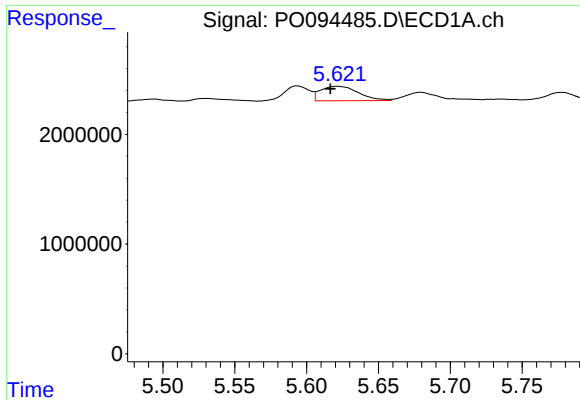
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 1644901
Conc: 20.81 ng/ml



#16 AR-1242-1

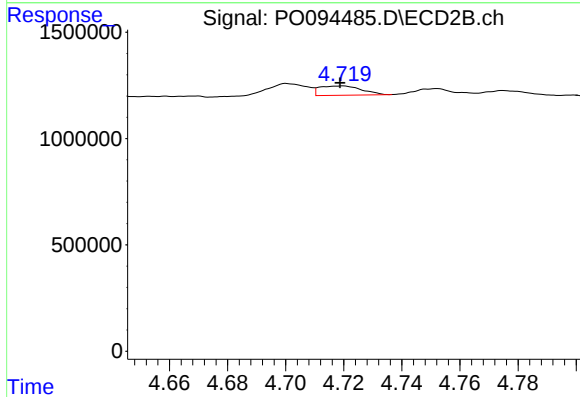
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 570248
Conc: 17.91 ng/ml



#17 AR-1242-2

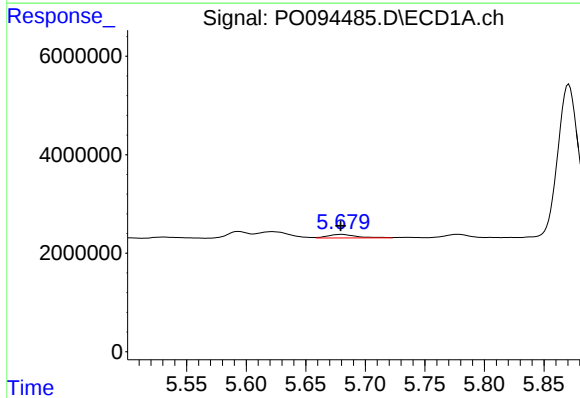
R.T.: 5.622 min
Delta R.T.: 0.005 min
Response: 2401696
Conc: 19.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



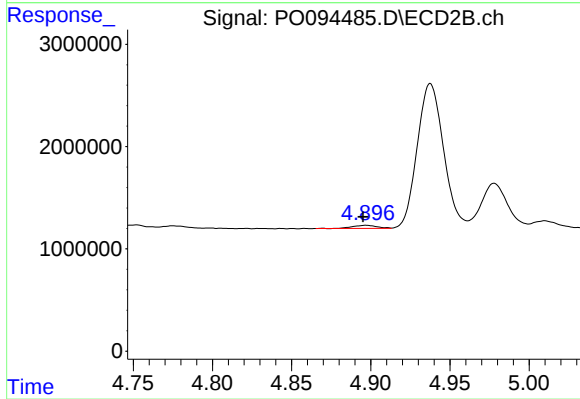
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 440545
Conc: 9.22 ng/ml



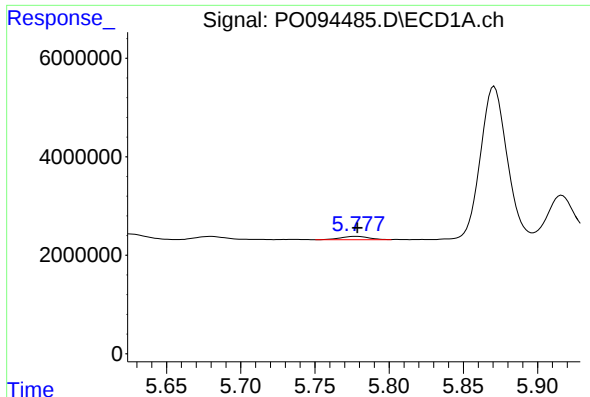
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 1158413
Conc: 14.78 ng/ml



#18 AR-1242-3

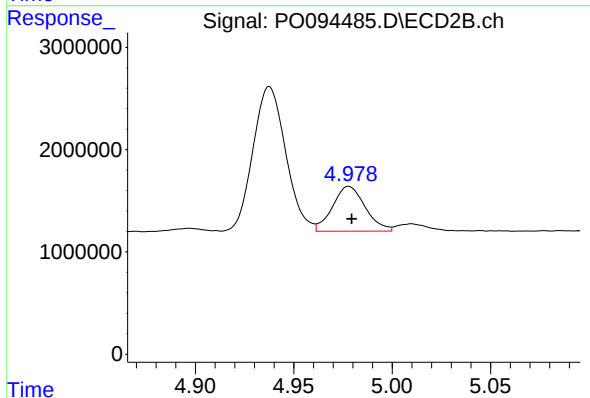
R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 327551
Conc: 12.94 ng/ml



#19 AR-1242-4

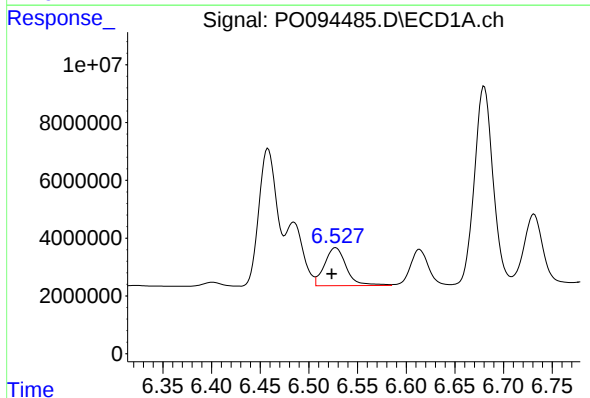
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 891879
Conc: 15.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



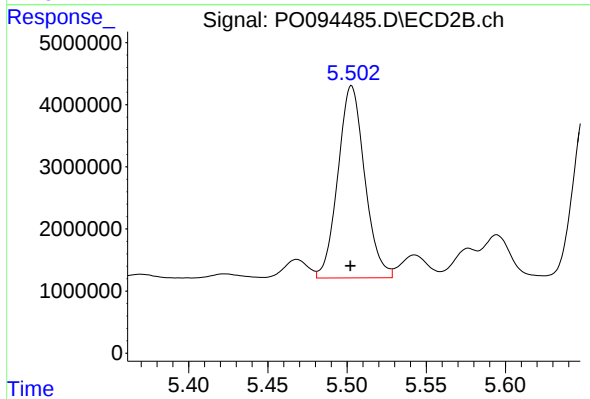
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 5068142
Conc: 174.44 ng/ml



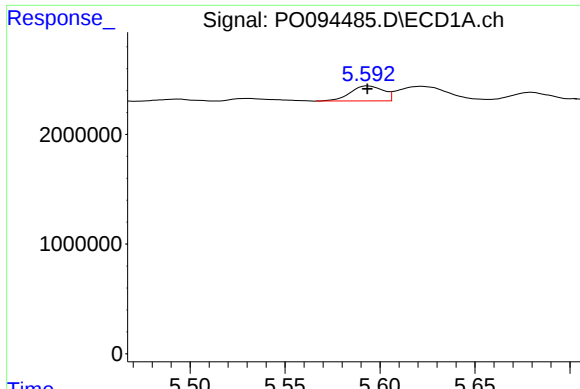
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 20508940
Conc: 343.01 ng/ml



#20 AR-1242-5

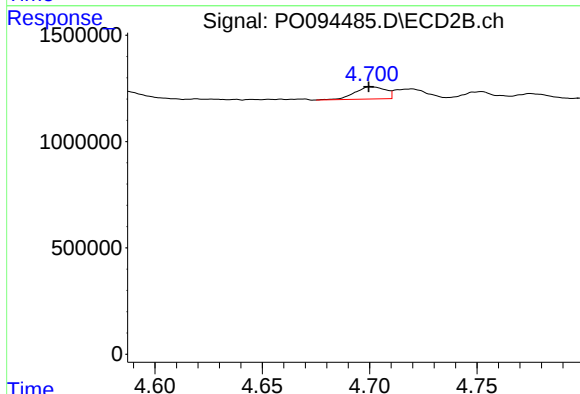
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 36406445
Conc: 1238.20 ng/ml



#21 AR-1248-1

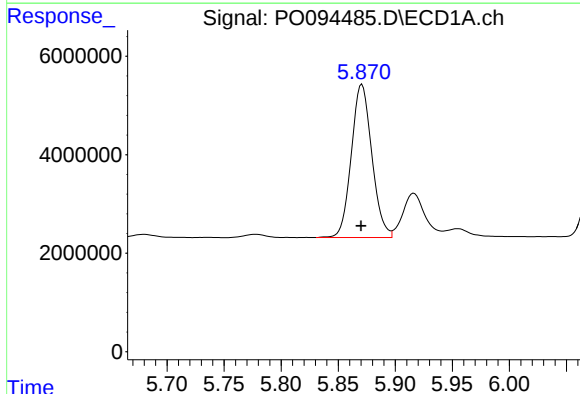
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 1644901
Conc: 27.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



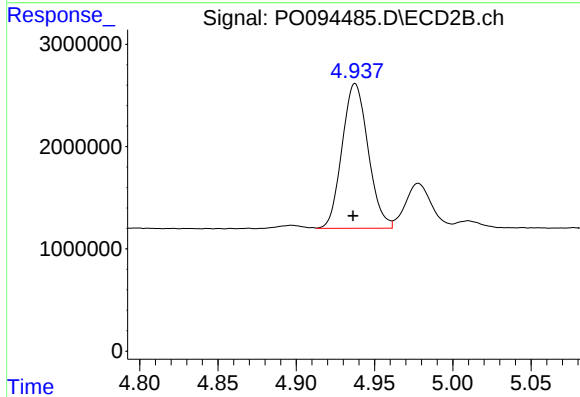
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: 0.001 min
Response: 570248
Conc: 23.14 ng/ml



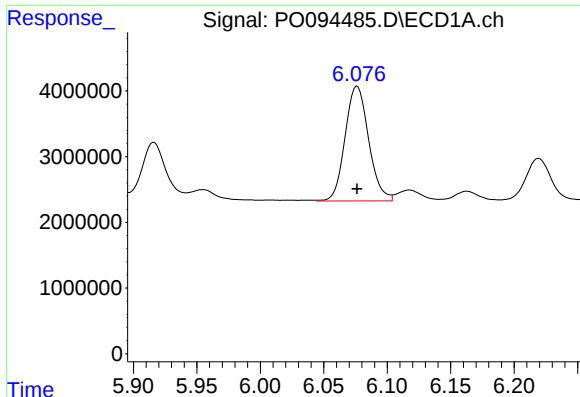
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 38952635
Conc: 377.44 ng/ml



#22 AR-1248-2

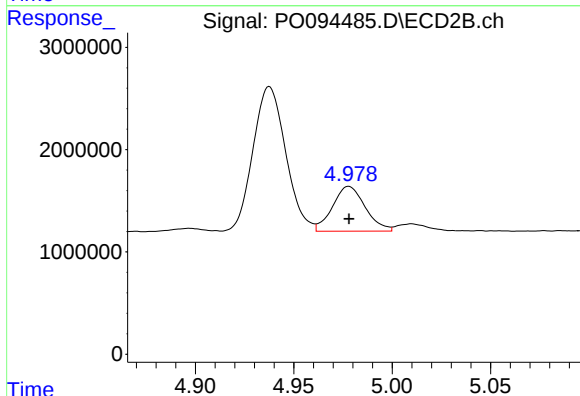
R.T.: 4.938 min
Delta R.T.: 0.001 min
Response: 16366188
Conc: 398.93 ng/ml



#23 AR-1248-3

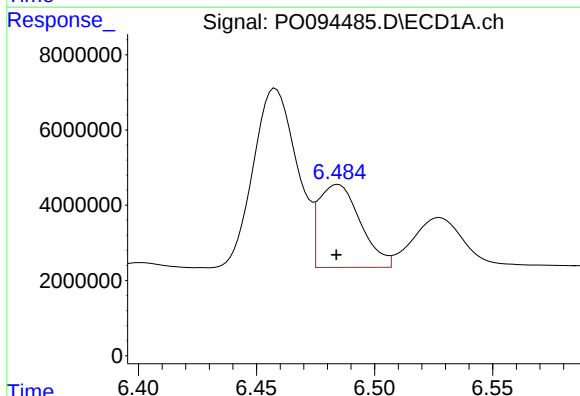
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 22608809
Conc: 205.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



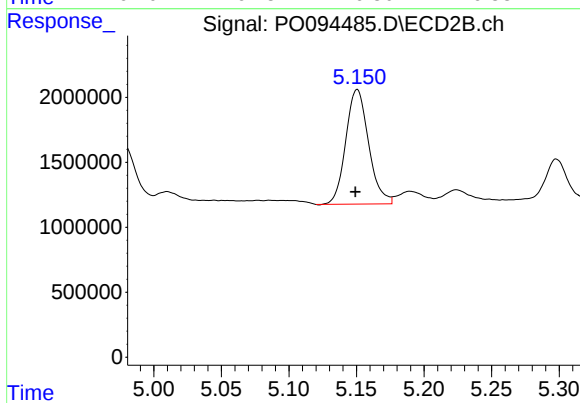
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 5068142
Conc: 119.19 ng/ml



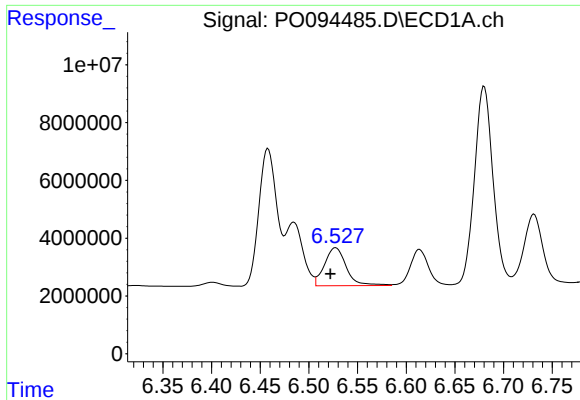
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 27019729
Conc: 275.90 ng/ml



#24 AR-1248-4

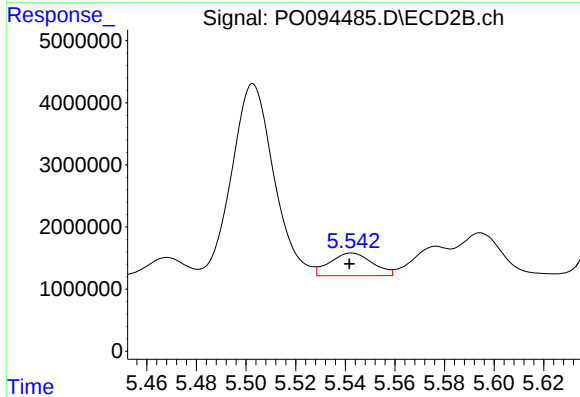
R.T.: 5.151 min
Delta R.T.: 0.001 min
Response: 10361683
Conc: 213.92 ng/ml



#25 AR-1248-5

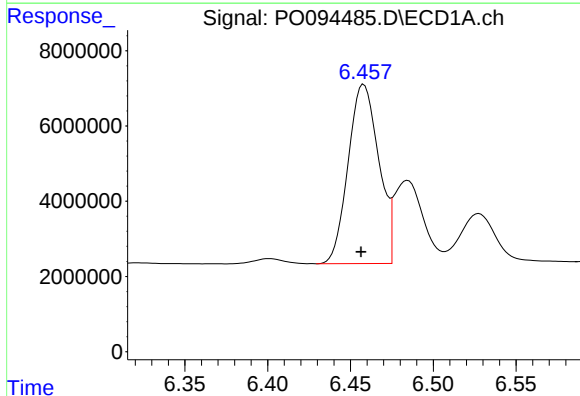
R.T.: 6.528 min
Delta R.T.: 0.005 min
Response: 20508940
Conc: 195.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



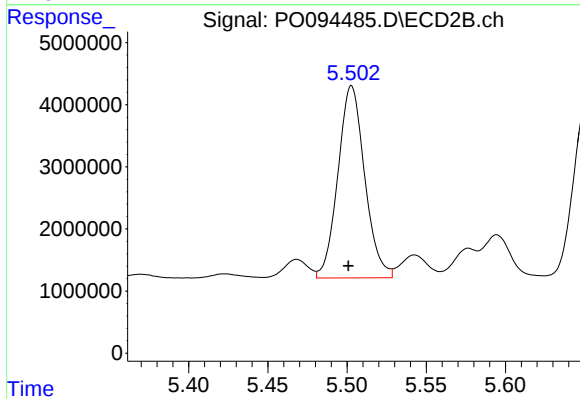
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 4370625
Conc: 114.04 ng/ml



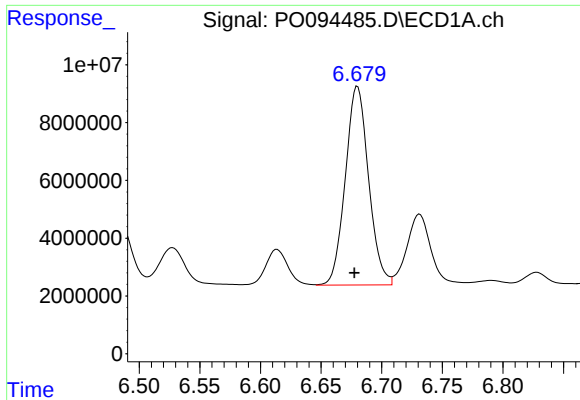
#26 AR-1254-1

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 61243016
Conc: 495.27 ng/ml



#26 AR-1254-1

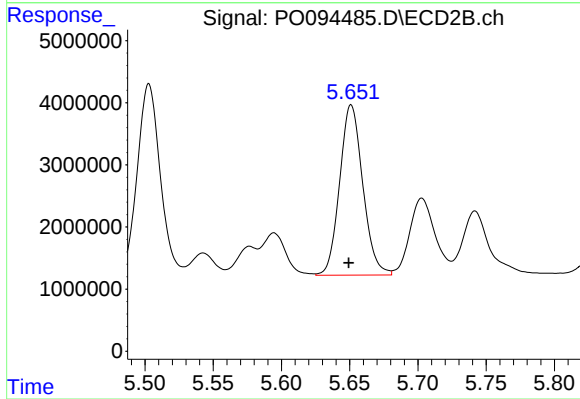
R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 36406445
Conc: 520.88 ng/ml



#27 AR-1254-2

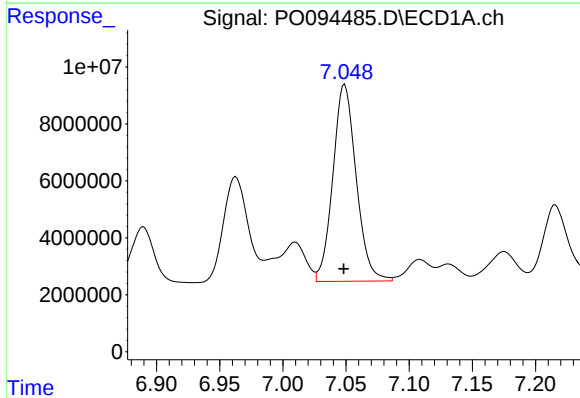
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 91744950
Conc: 506.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



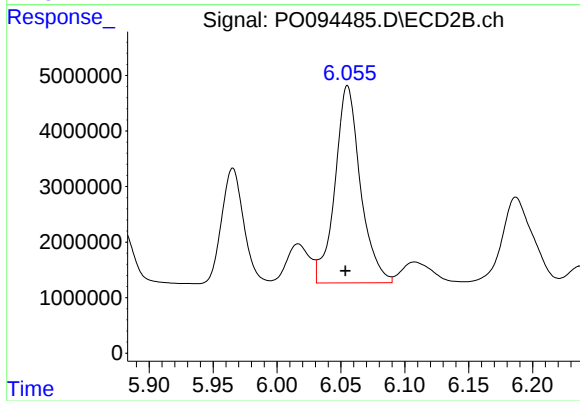
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 32362805
Conc: 516.85 ng/ml



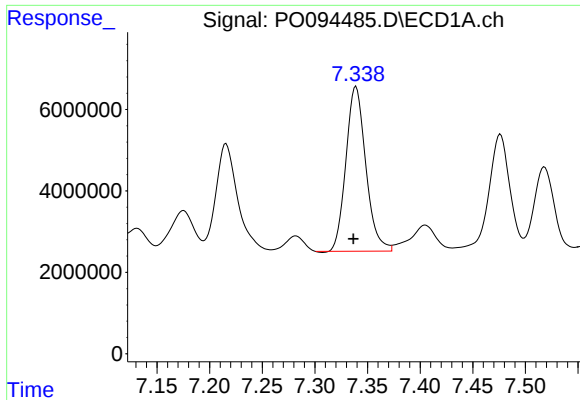
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 88835483
Conc: 520.74 ng/ml



#28 AR-1254-3

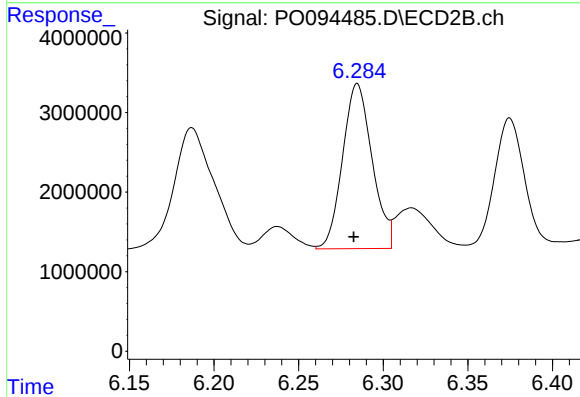
R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 49260904
Conc: 532.84 ng/ml



#29 AR-1254-4

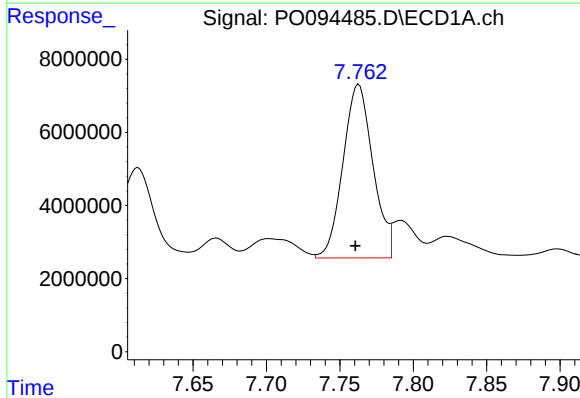
R.T.: 7.339 min
Delta R.T.: 0.003 min
Response: 53318852
Conc: 565.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



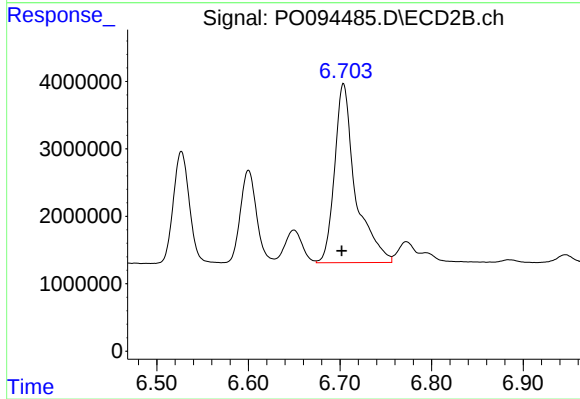
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 25181568
Conc: 594.31 ng/ml



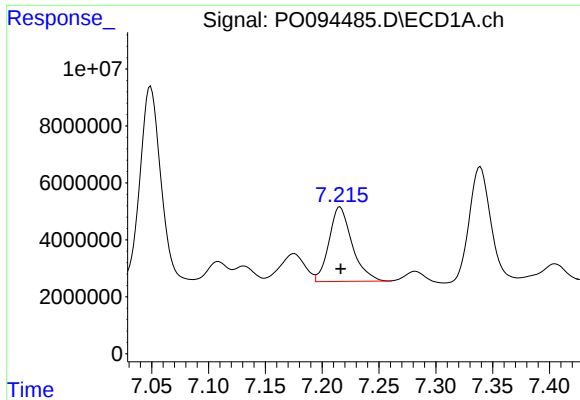
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 67350792
Conc: 564.13 ng/ml



#30 AR-1254-5

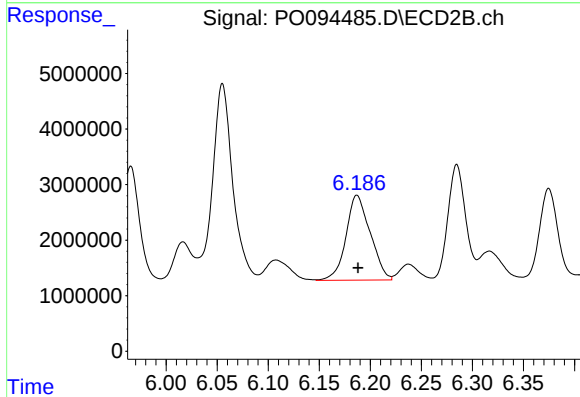
R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 41966530
Conc: 559.93 ng/ml



#31 AR-1260-1

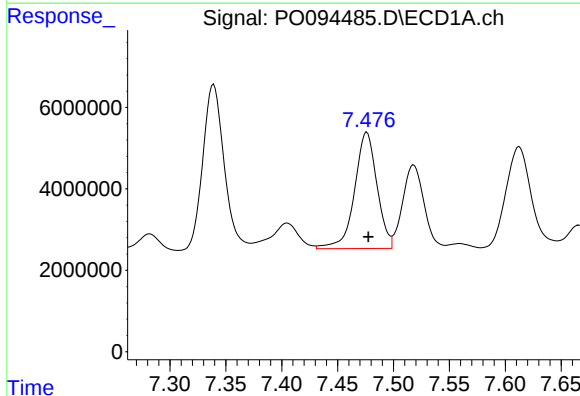
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 37152170
Conc: 277.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



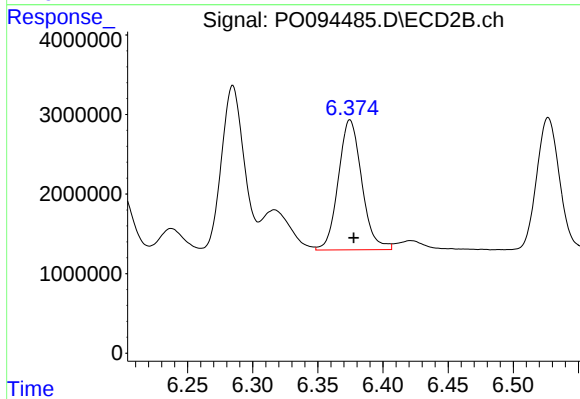
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 25297837
Conc: 376.86 ng/ml



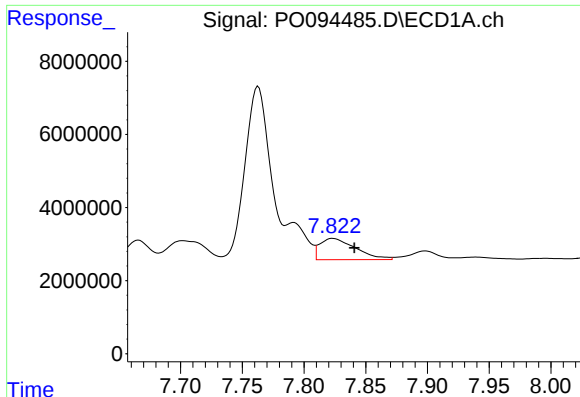
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 39994966
Conc: 285.71 ng/ml



#32 AR-1260-2

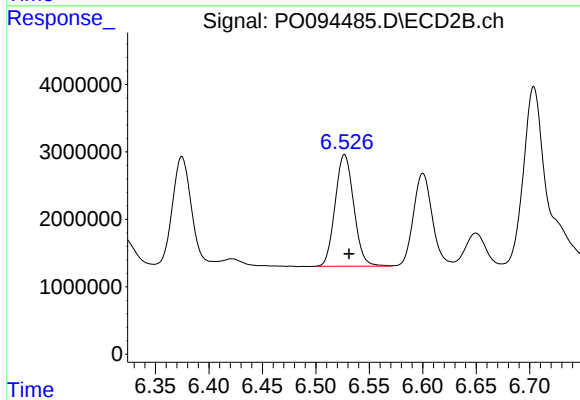
R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 20483962
Conc: 275.56 ng/ml



#33 AR-1260-3

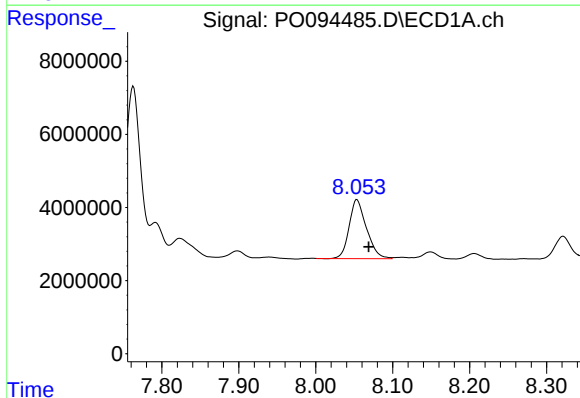
R.T.: 7.823 min
Delta R.T.: -0.018 min
Response: 11767071
Conc: 103.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



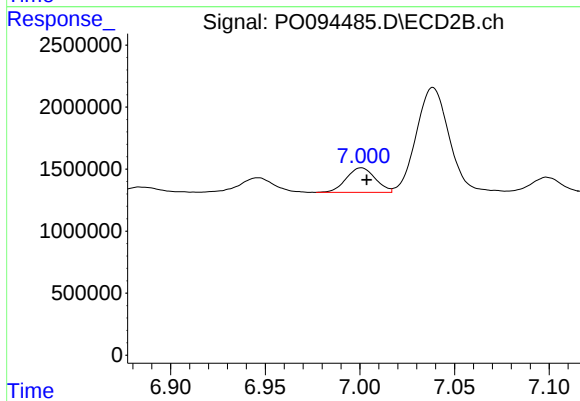
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 20092182
Conc: 281.33 ng/ml



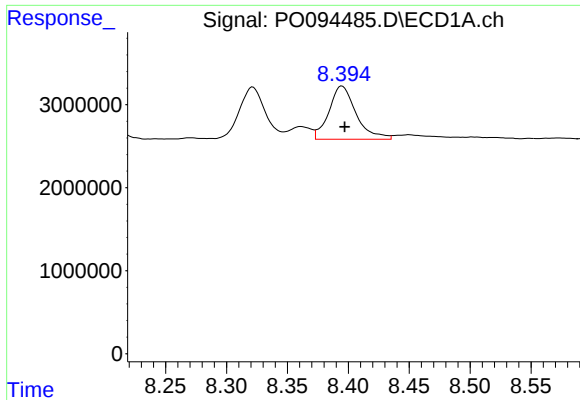
#34 AR-1260-4

R.T.: 8.053 min
Delta R.T.: -0.015 min
Response: 25171888
Conc: 210.31 ng/ml



#34 AR-1260-4

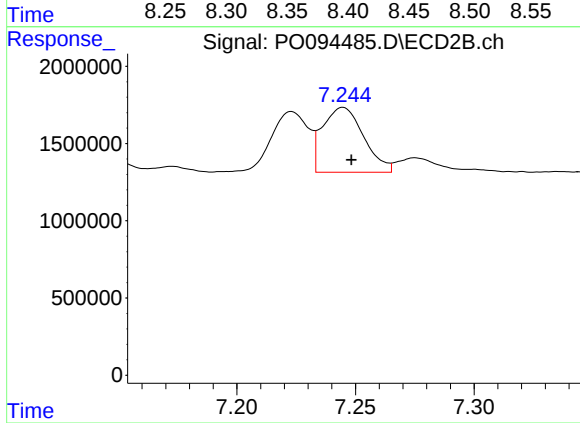
R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 2104909
Conc: 35.80 ng/ml



#35 AR-1260-5

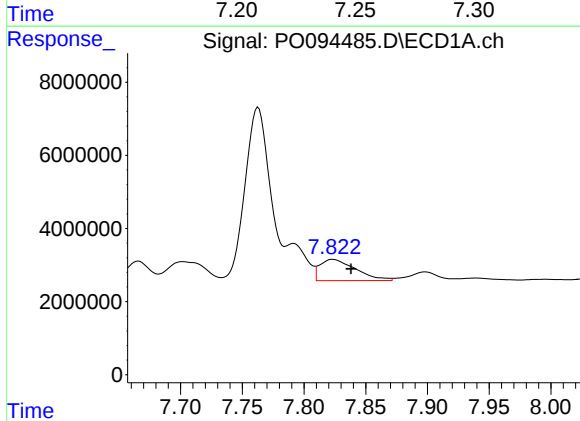
R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 9957553
Conc: 48.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



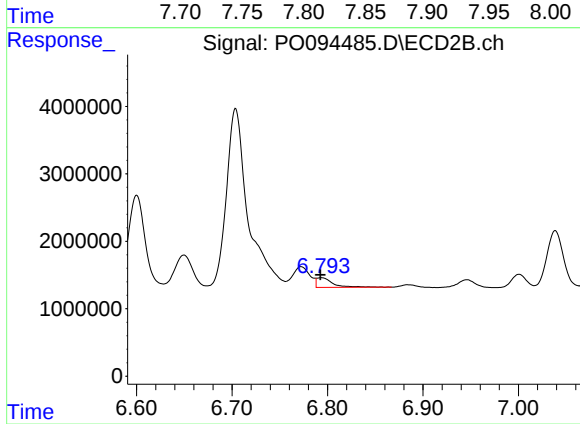
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.003 min
Response: 5065728
Conc: 44.57 ng/ml



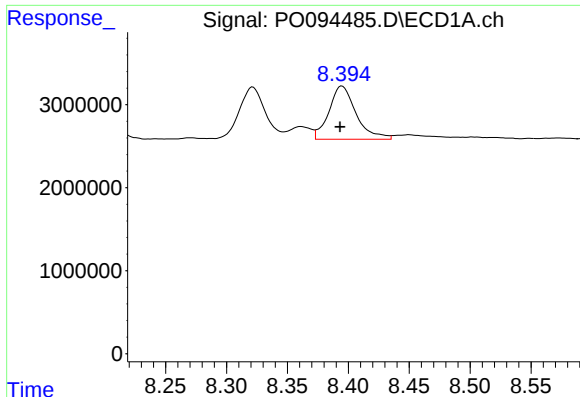
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: -0.015 min
Response: 11767071
Conc: 73.26 ng/ml



#36 AR-1262-1

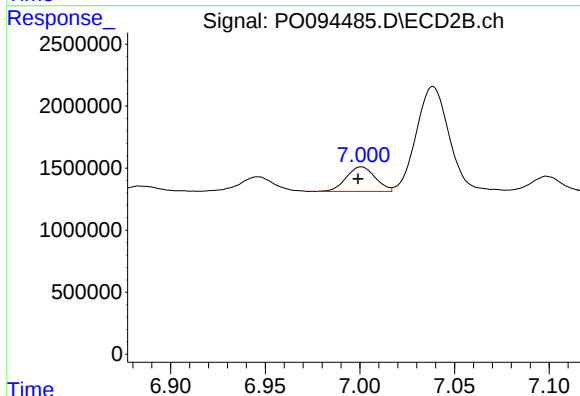
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 1666448
Conc: 45.69 ng/ml



#37 AR-1262-2

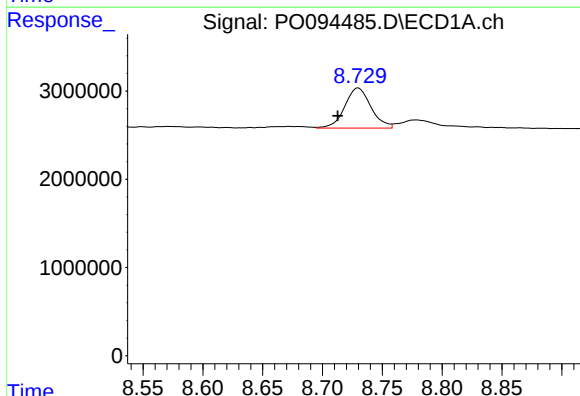
R.T.: 8.395 min
Delta R.T.: 0.002 min
Response: 9957553
Conc: 45.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



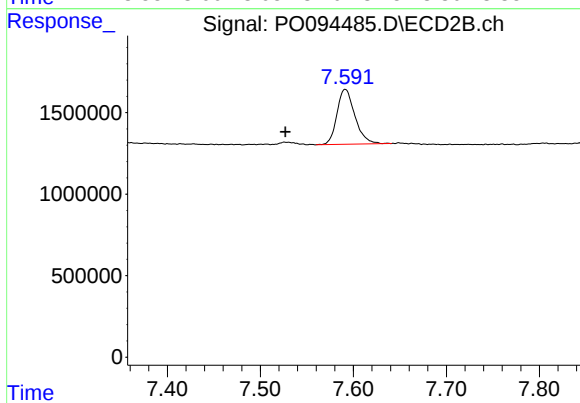
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: 0.002 min
Response: 2104909
Conc: 28.68 ng/ml



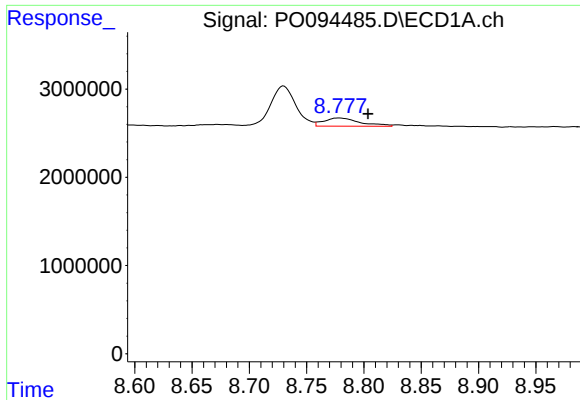
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: 0.017 min
Response: 6946999
Conc: 44.31 ng/ml



#38 AR-1262-3

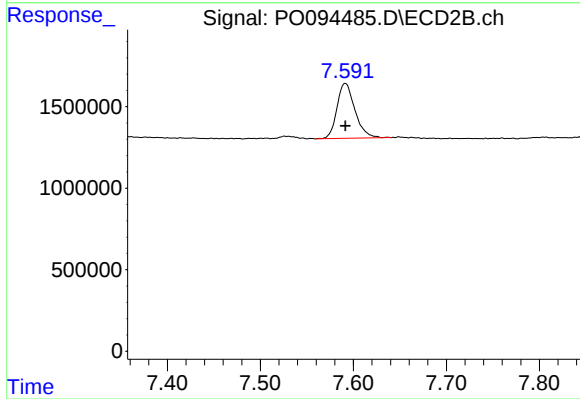
R.T.: 7.591 min
Delta R.T.: 0.064 min
Response: 4522023
Conc: 84.33 ng/ml



#39 AR-1262-4

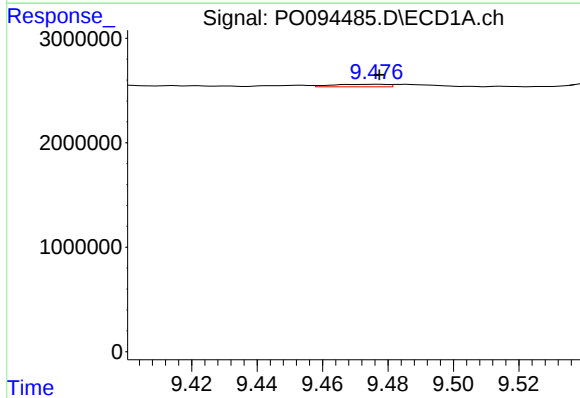
R.T.: 8.778 min
Delta R.T.: -0.025 min
Response: 2070999
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



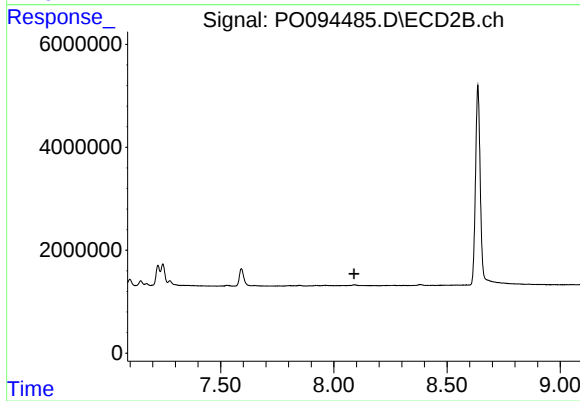
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 4522023
Conc: 48.40 ng/ml



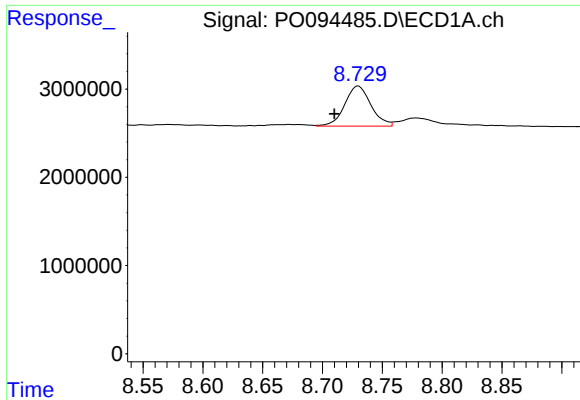
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 276459
Conc: 3.78 ng/ml



#40 AR-1262-5

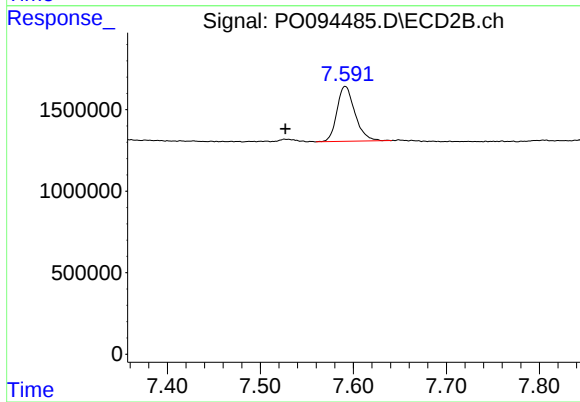
R.T.: 0.000 min
Exp R.T.: 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

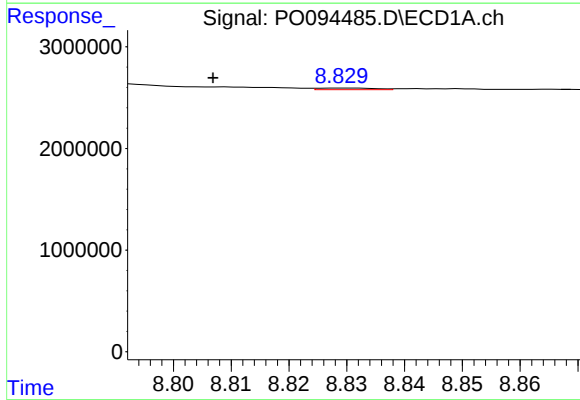
R.T.: 8.730 min
Delta R.T.: 0.020 min
Response: 6946999
Conc: 21.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



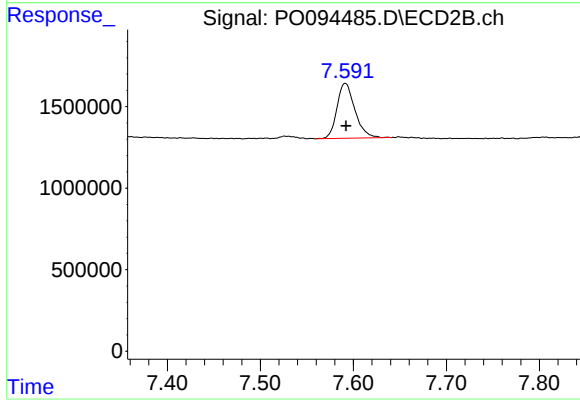
#41 AR-1268-1

R.T.: 7.591 min
Delta R.T.: 0.064 min
Response: 4522023
Conc: 27.20 ng/ml



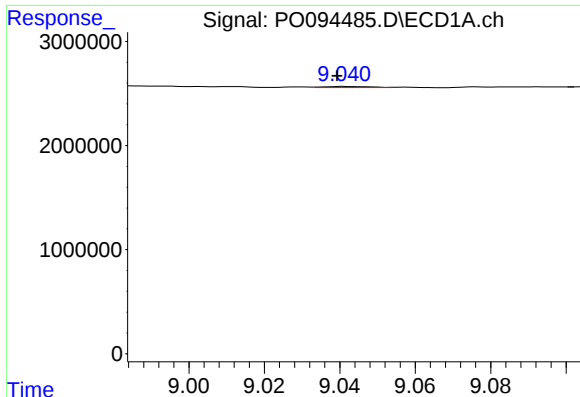
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: 0.023 min
Response: 108679
Conc: 0.39 ng/ml



#42 AR-1268-2

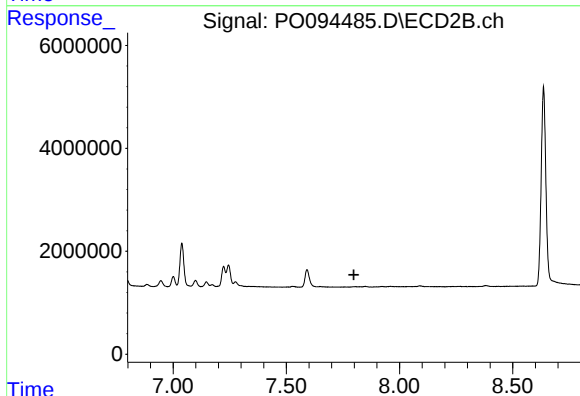
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 4522023
Conc: 29.37 ng/ml



#43 AR-1268-3

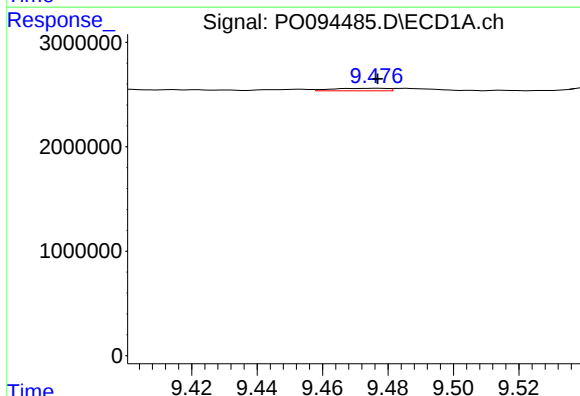
R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 85777
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



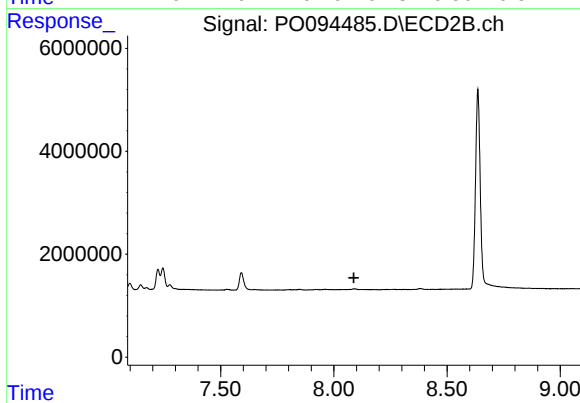
#43 AR-1268-3

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



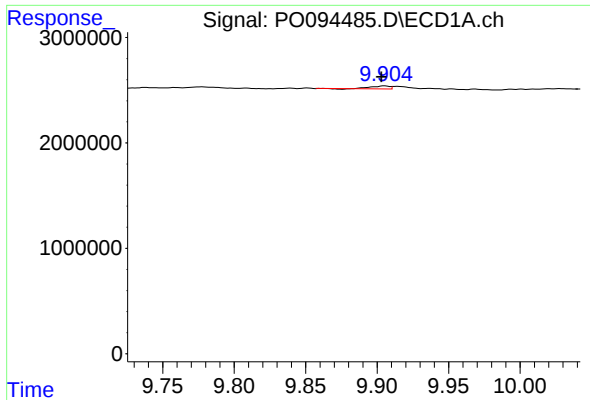
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 276459
Conc: 3.28 ng/ml



#44 AR-1268-4

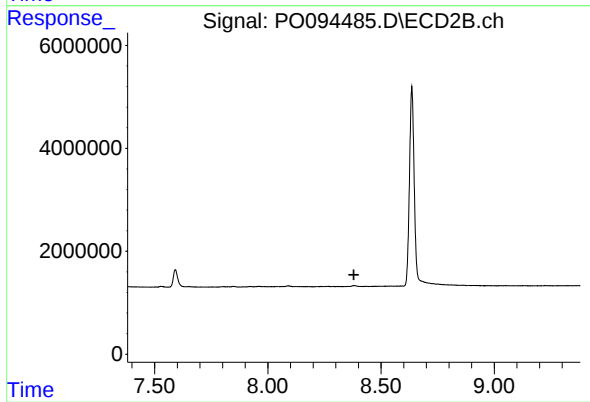
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: 0.002 min
Response: 238545
Conc: 0.30 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.