

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032823\
 Data File : P0093602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2023 10:44
 Operator : YP/AJ
 Sample : 02070-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 17:41:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.423	3.629	85579926	24725944	27.329	21.923
2)	SA Decachlor...	10.251	8.653	50556491	20895592	23.359	21.341
Target Compounds							
3)	L1 AR-1016-1	5.601	4.713	55906958	19742608	585.095	551.535
4)	L1 AR-1016-2	5.623	4.731	81663875	28648801	571.908	552.041
5)	L1 AR-1016-3	5.685	4.907	51189349	15619783	564.171	564.598
6)	L1 AR-1016-4	5.784	4.949	39492301	13785840	582.902	554.454
7)	L1 AR-1016-5	6.082	5.163	44076558	16301792	588.690	515.084
8)	L2 AR-1221-1	4.630	3.842	8238293	2209126	203.805	150.234 #
9)	L2 AR-1221-2	4.720	3.927	8312594	3528357	274.300	323.089
10)	L2 AR-1221-3	4.797	4.003	35278180	12418190	385.884	364.520
11)	L3 AR-1232-1	4.797	4.003	35278180	12418190	483.205	439.673
12)	L3 AR-1232-2	5.330	4.731	52092813	28648801	1448.779	1162.681
13)	L3 AR-1232-3	5.623	4.907	81663875	15619783	1247.446	1234.594
14)	L3 AR-1232-4	5.784	4.991	39492301	16468384	1289.886	1285.825
15)	L3 AR-1232-5	5.876	5.163	37797028	16301792	1362.123	1162.411
16)	L4 AR-1242-1	5.601	4.713	55906958	19742608	682.097	649.712
17)	L4 AR-1242-2	5.623	4.731	81663875	28648801	680.401	645.275
18)	L4 AR-1242-3	5.685	4.907	51189349	15619783	666.978	668.093
19)	L4 AR-1242-4	5.784	4.991	39492301	16468384	689.106	632.181
20)	L4 AR-1242-5	6.527	5.516	7031127	13999412	112.516	490.054 #
21)	L5 AR-1248-1	5.601	4.713	55906958	19742608	899.347	848.353
22)	L5 AR-1248-2	5.876	4.949	37797028	13785840	395.740	380.398
23)	L5 AR-1248-3	6.082	4.991	44076558	16468384	423.572	438.845
24)	L5 AR-1248-4	6.488	5.163	6170035	16301792	60.591	378.922 #
25)	L5 AR-1248-5	6.527	5.555	7031127	2492954	68.691	67.785
26)	L6 AR-1254-1	6.463	5.516	33052677	13999412	282.839	223.049
27)	L6 AR-1254-2	6.683	5.663	35370564	14187815	207.006	251.772
28)	L6 AR-1254-3	7.052	6.083	18247403	23247933	109.767	270.030 #
29)	L6 AR-1254-4	7.340	6.297	10669744	2584520	100.093	56.516 #
30)	L6 AR-1254-5	7.762	6.716	111.0E6	41576202	819.844	562.967 #
31)	L7 AR-1260-1	7.218	6.199	72576110	31570911	560.206	519.271
32)	L7 AR-1260-2	7.477	6.388	79543366	36651936	538.821	506.965
33)	L7 AR-1260-3	7.840	6.542	53707565	33634044	477.482	502.987
34)	L7 AR-1260-4	8.067	7.016	65532079	24421163	511.019	443.767
35)	L7 AR-1260-5	8.394	7.259	111.2E6	53477442	497.780	454.235
36)	L8 AR-1262-1	7.762	6.716	111.0E6	41576202	1116.800	1112.598
37)	L8 AR-1262-2	8.394	7.259	111.2E6	53477442	468.643	449.076
38)	L8 AR-1262-3	8.725	7.607	73872526	39223026	437.421	433.954
39)	L8 AR-1262-4	8.802	7.607	18162910	39223026	202.797	433.954 #
40)	L8 AR-1262-5	9.476	8.106	29661836	12354825	310.563	301.892
41)	L9 AR-1268-1	8.725	7.544	73872526	10918874	231.338	69.771 #

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Operator : YP/AJ
Sample : 02070-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

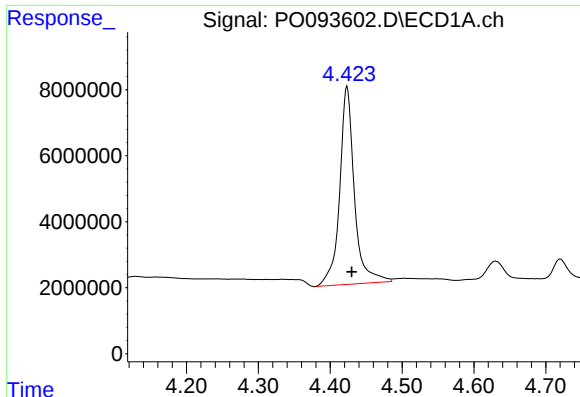
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 17:41:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 14 05:32:59 2023
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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	8.802	7.607	18162910	39223026	62.563	280.937 #
43)	L9 AR-1268-3	9.041	7.816	2383181	1135072	9.336	9.122
44)	L9 AR-1268-4	9.476	8.106	29661836	12354825	277.747	250.541
45)	L9 AR-1268-5	9.902	8.398	9697617	3855136	12.080	10.917

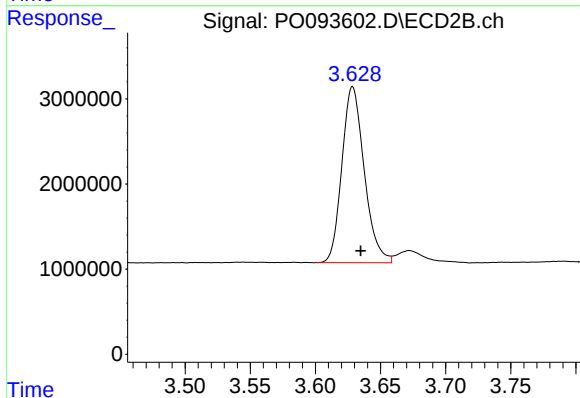
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

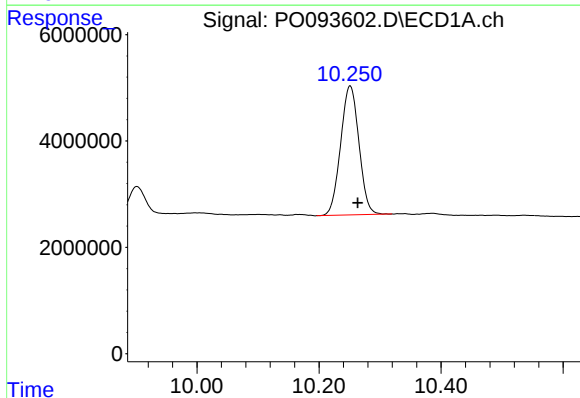
R.T.: 4.423 min
Delta R.T.: -0.006 min
Response: 85579926
Conc: 27.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



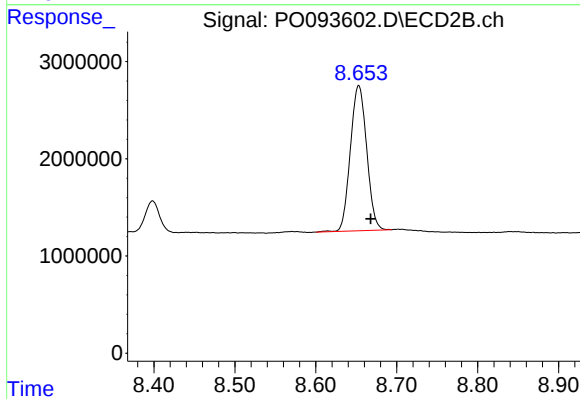
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: -0.006 min
Response: 24725944
Conc: 21.92 ng/ml



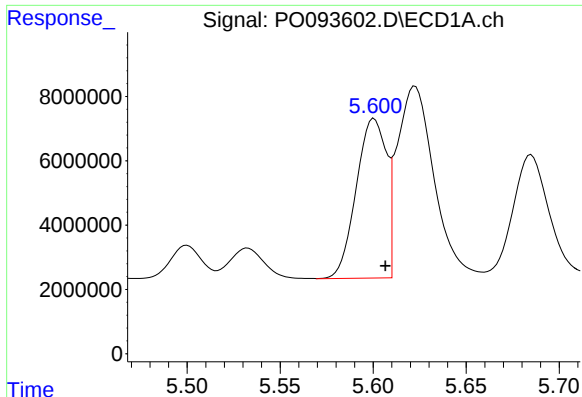
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.012 min
Response: 50556491
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

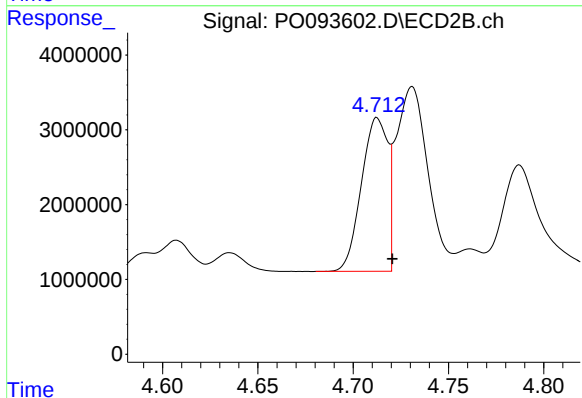
R.T.: 8.653 min
Delta R.T.: -0.015 min
Response: 20895592
Conc: 21.34 ng/ml



#3 AR-1016-1

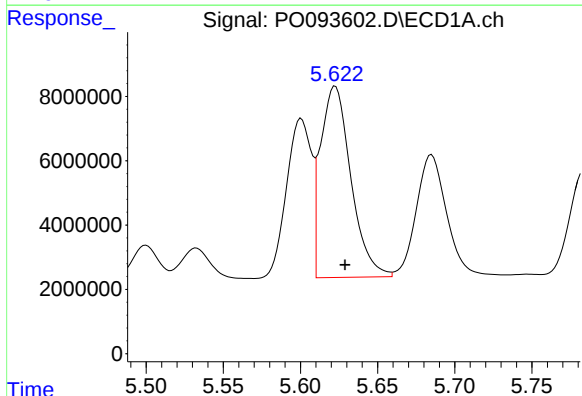
R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 55906958
Conc: 585.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



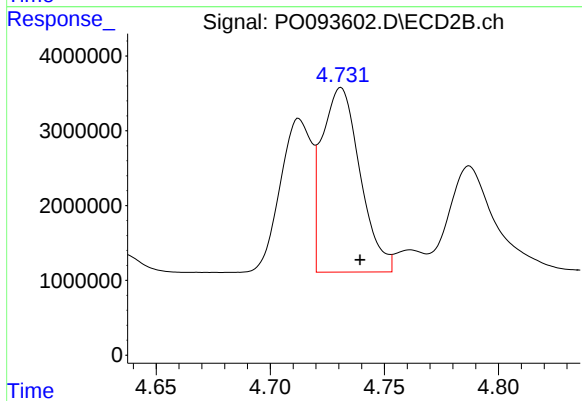
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: -0.008 min
Response: 19742608
Conc: 551.54 ng/ml



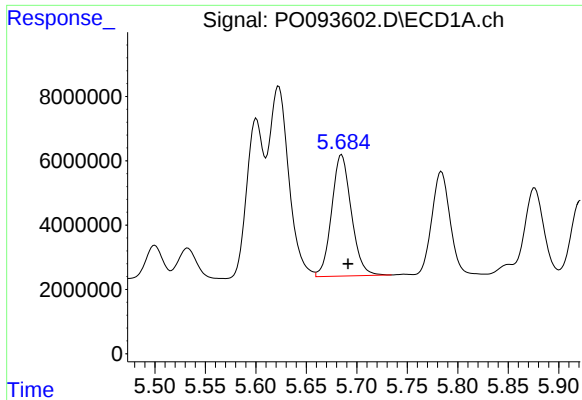
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 81663875
Conc: 571.91 ng/ml



#4 AR-1016-2

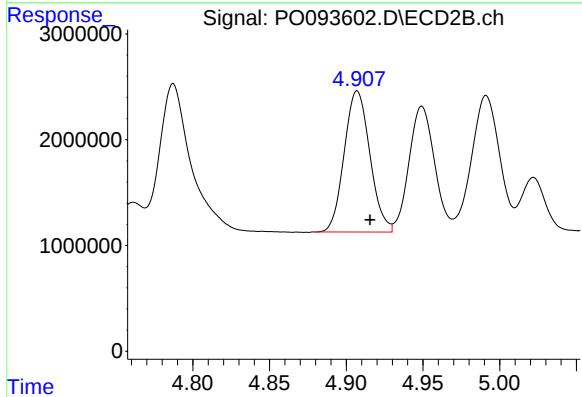
R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 28648801
Conc: 552.04 ng/ml



#5 AR-1016-3

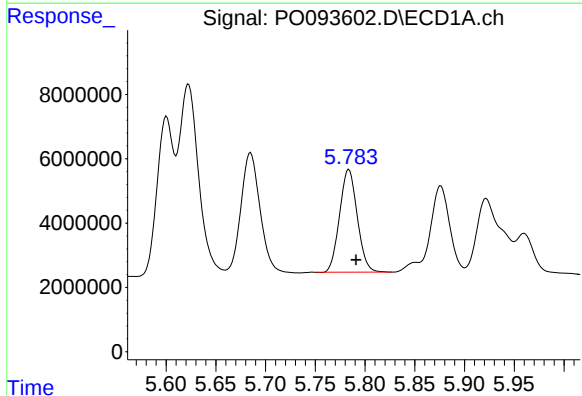
R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 51189349
Conc: 564.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



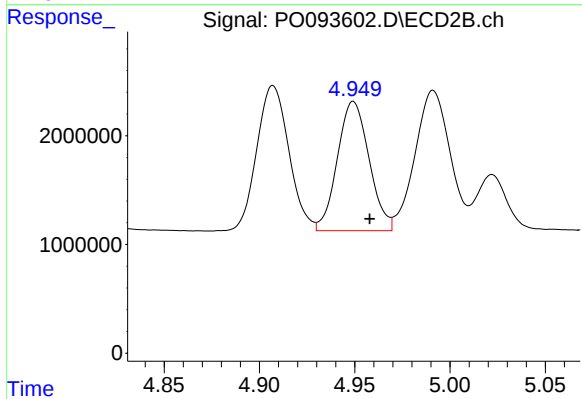
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.008 min
Response: 15619783
Conc: 564.60 ng/ml



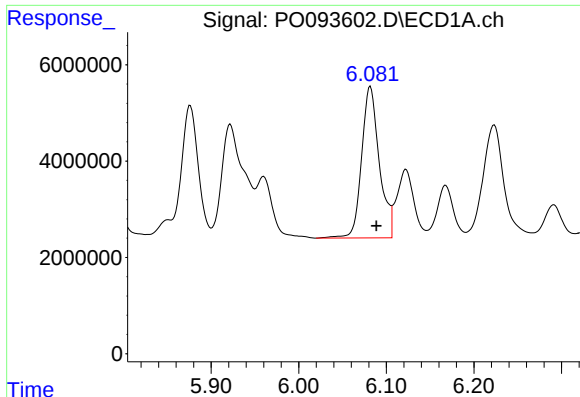
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 39492301
Conc: 582.90 ng/ml



#6 AR-1016-4

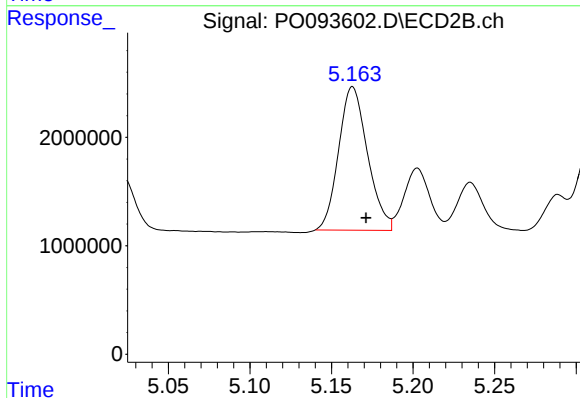
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 13785840
Conc: 554.45 ng/ml



#7 AR-1016-5

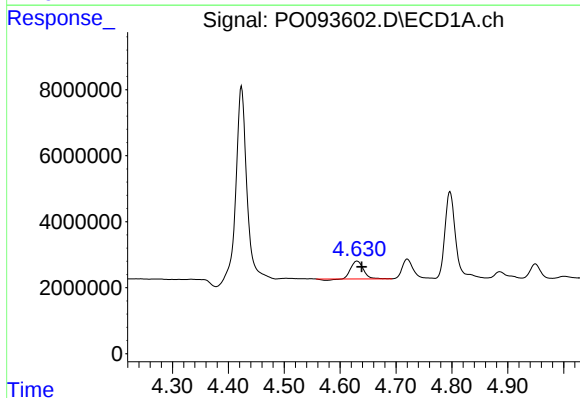
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 44076558
Conc: 588.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



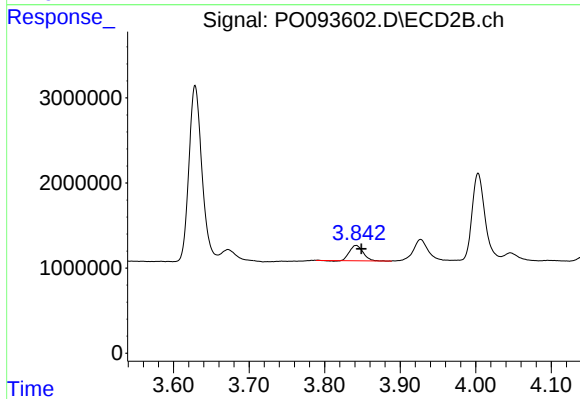
#7 AR-1016-5

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 16301792
Conc: 515.08 ng/ml



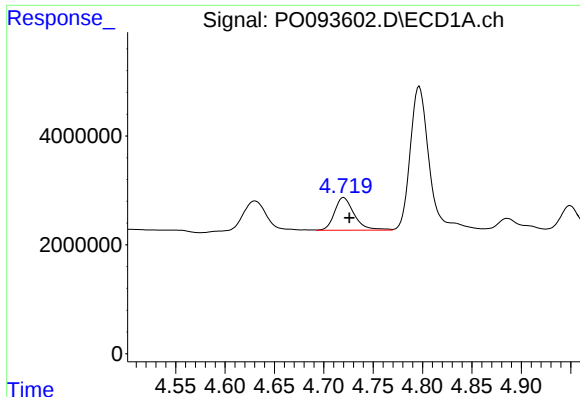
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 8238293
Conc: 203.81 ng/ml



#8 AR-1221-1

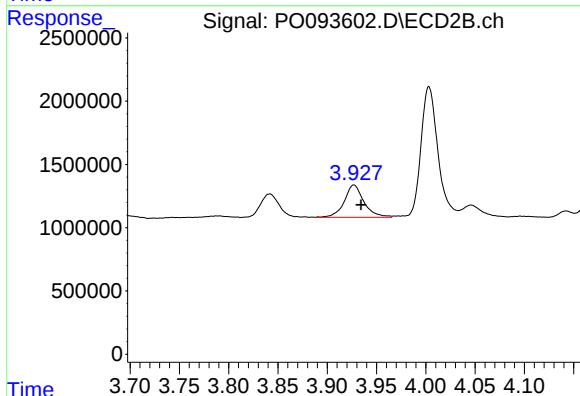
R.T.: 3.842 min
Delta R.T.: -0.007 min
Response: 2209126
Conc: 150.23 ng/ml



#9 AR-1221-2

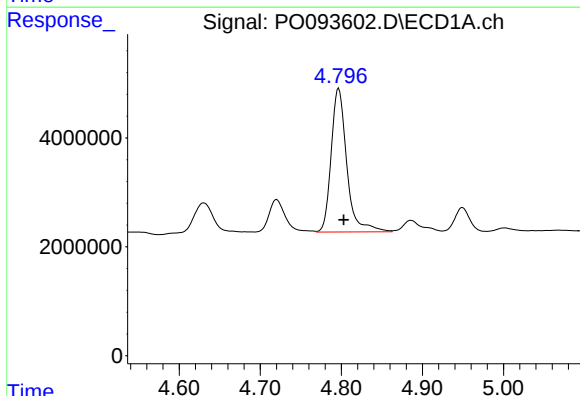
R.T.: 4.720 min
Delta R.T.: -0.006 min
Response: 8312594
Conc: 274.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



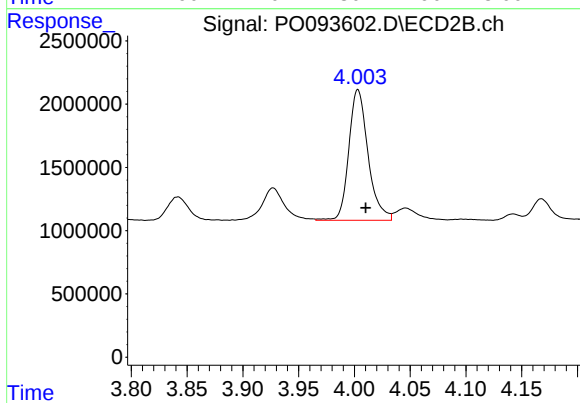
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.007 min
Response: 3528357
Conc: 323.09 ng/ml



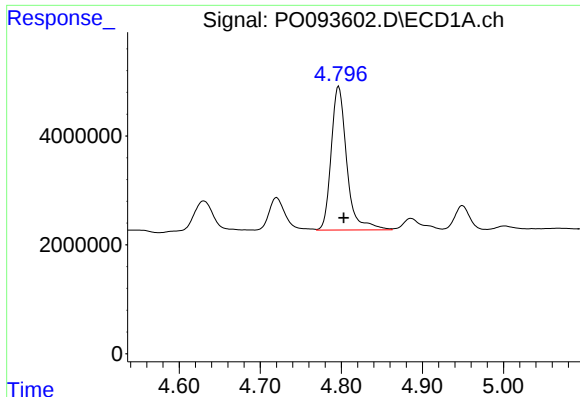
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 35278180
Conc: 385.88 ng/ml



#10 AR-1221-3

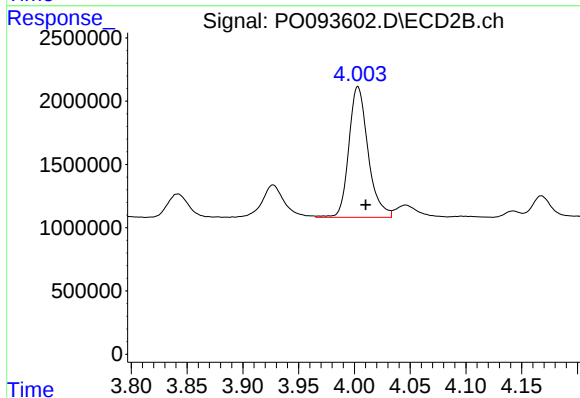
R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 12418190
Conc: 364.52 ng/ml



#11 AR-1232-1

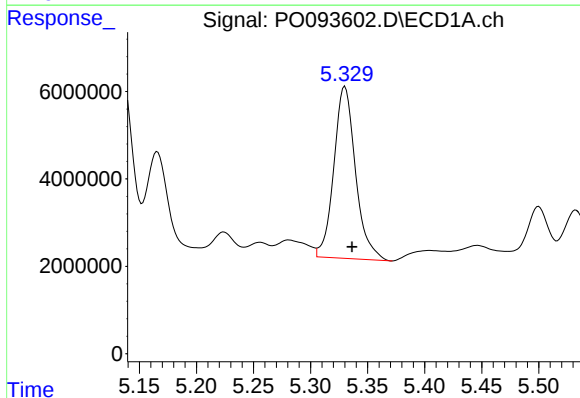
R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 35278180
Conc: 483.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



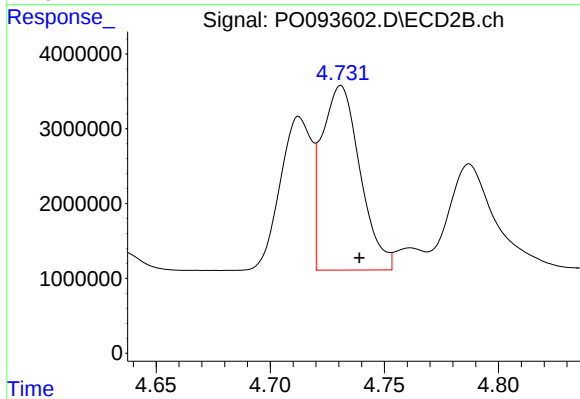
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 12418190
Conc: 439.67 ng/ml



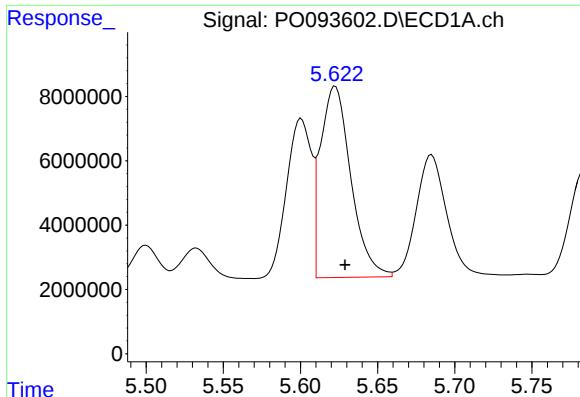
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 52092813
Conc: 1448.78 ng/ml



#12 AR-1232-2

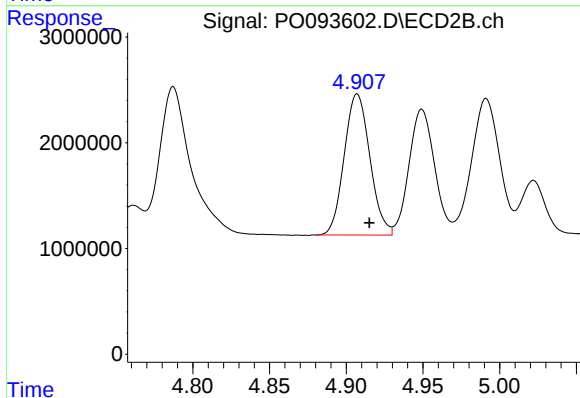
R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 28648801
Conc: 1162.68 ng/ml



#13 AR-1232-3

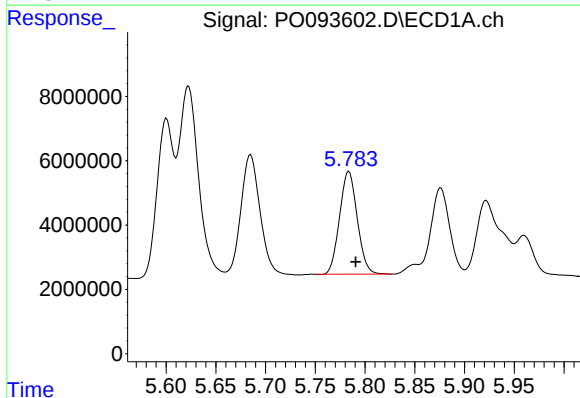
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 81663875
Conc: 1247.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



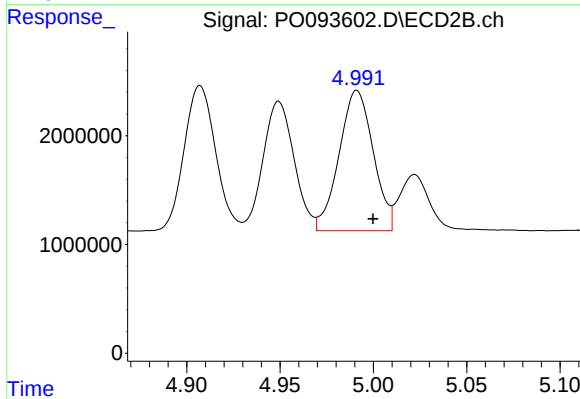
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.008 min
Response: 15619783
Conc: 1234.59 ng/ml



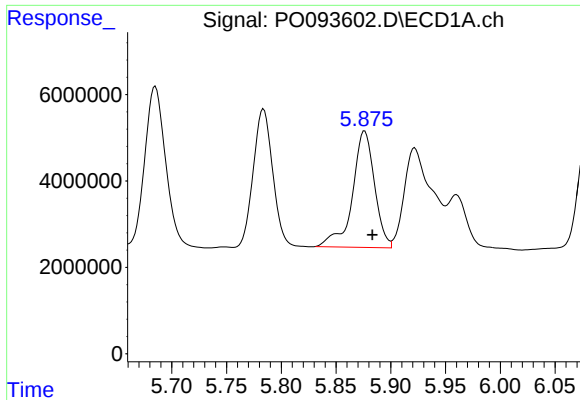
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 39492301
Conc: 1289.89 ng/ml



#14 AR-1232-4

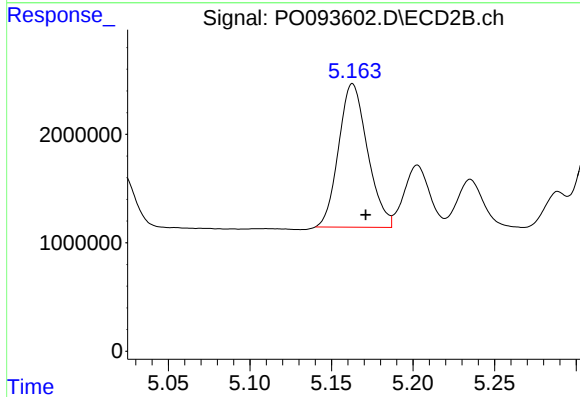
R.T.: 4.991 min
Delta R.T.: -0.009 min
Response: 16468384
Conc: 1285.82 ng/ml



#15 AR-1232-5

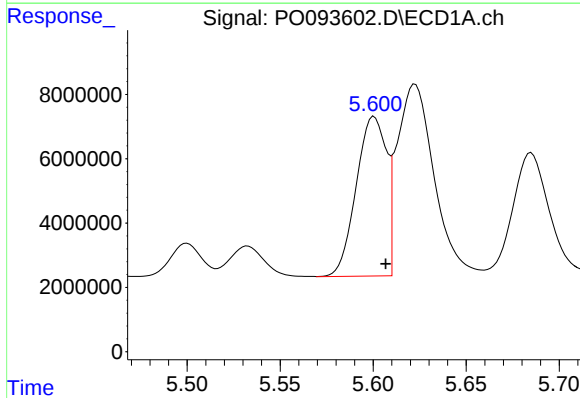
R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 37797028
Conc: 1362.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



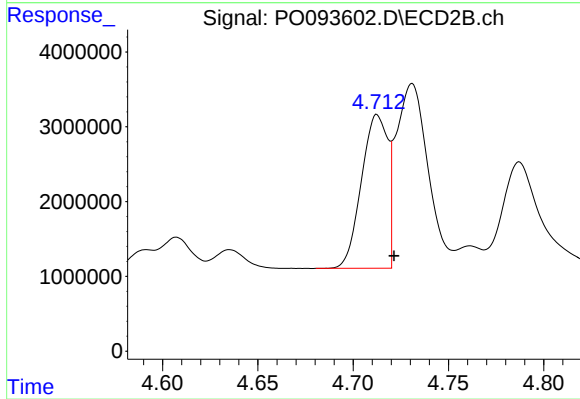
#15 AR-1232-5

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 16301792
Conc: 1162.41 ng/ml



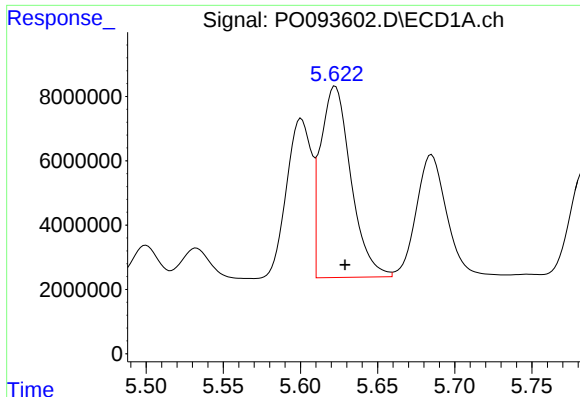
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 55906958
Conc: 682.10 ng/ml



#16 AR-1242-1

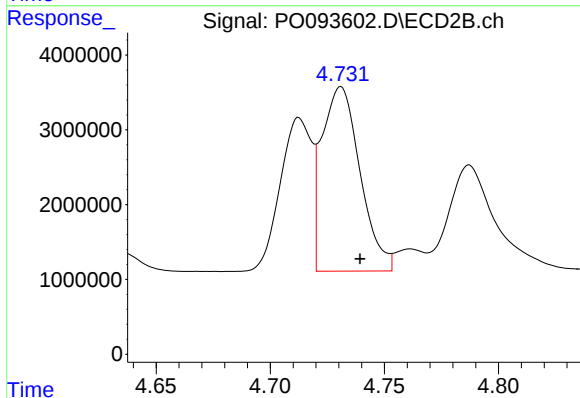
R.T.: 4.713 min
Delta R.T.: -0.009 min
Response: 19742608
Conc: 649.71 ng/ml



#17 AR-1242-2

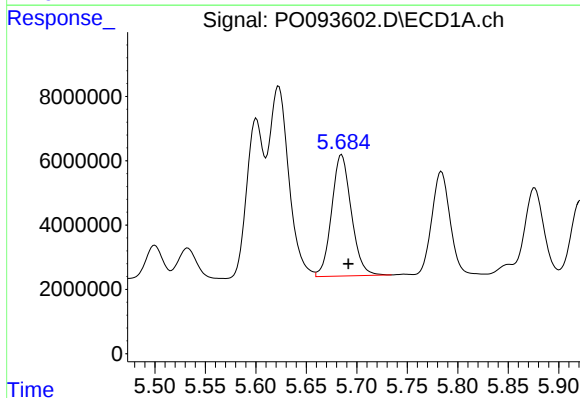
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 81663875
Conc: 680.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



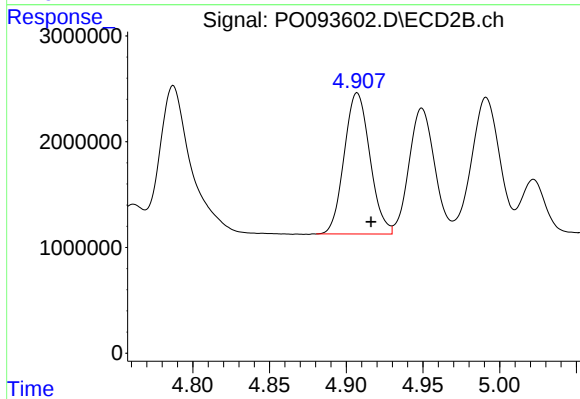
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 28648801
Conc: 645.28 ng/ml



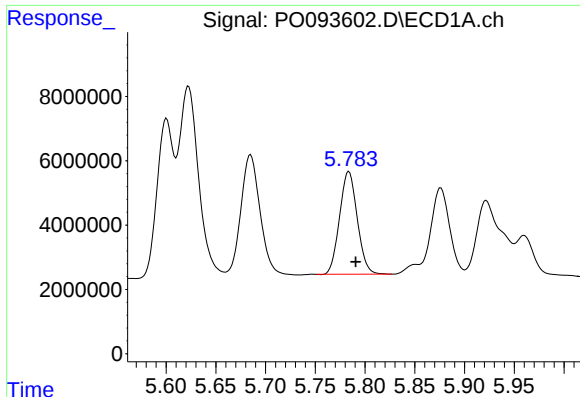
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 51189349
Conc: 666.98 ng/ml



#18 AR-1242-3

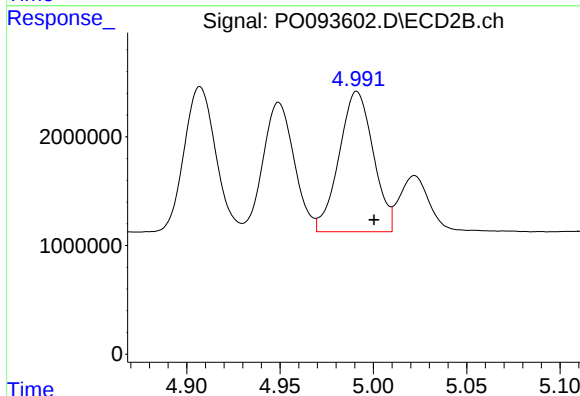
R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 15619783
Conc: 668.09 ng/ml



#19 AR-1242-4

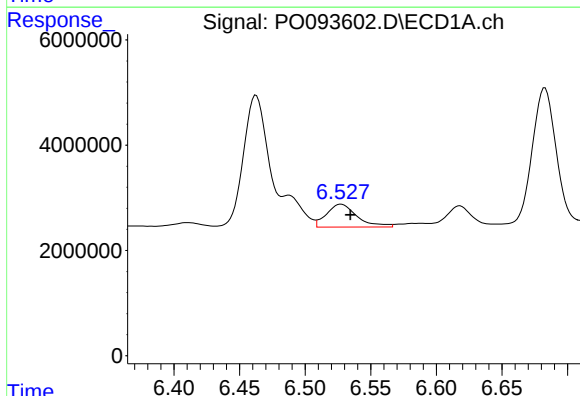
R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 39492301
Conc: 689.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



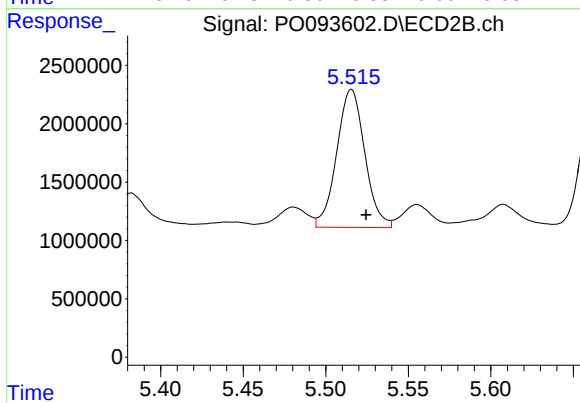
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: -0.009 min
Response: 16468384
Conc: 632.18 ng/ml



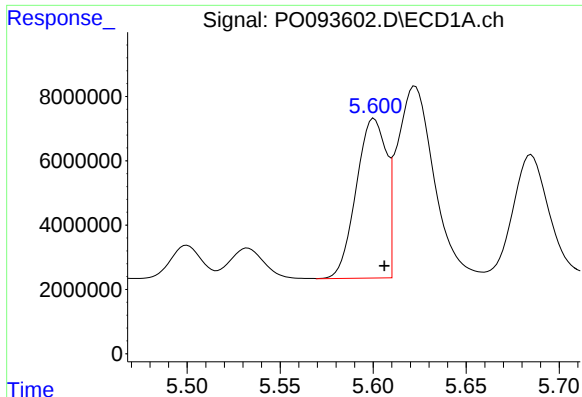
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: -0.007 min
Response: 7031127
Conc: 112.52 ng/ml



#20 AR-1242-5

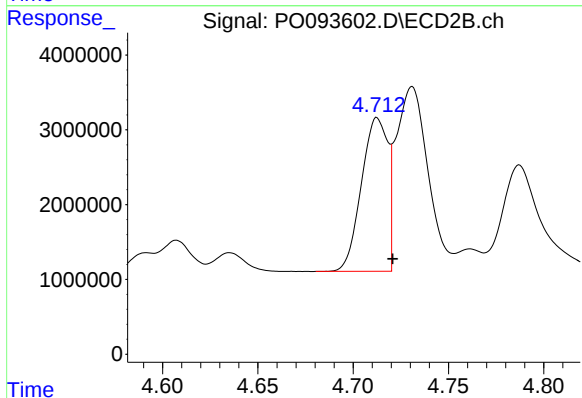
R.T.: 5.516 min
Delta R.T.: -0.009 min
Response: 13999412
Conc: 490.05 ng/ml



#21 AR-1248-1

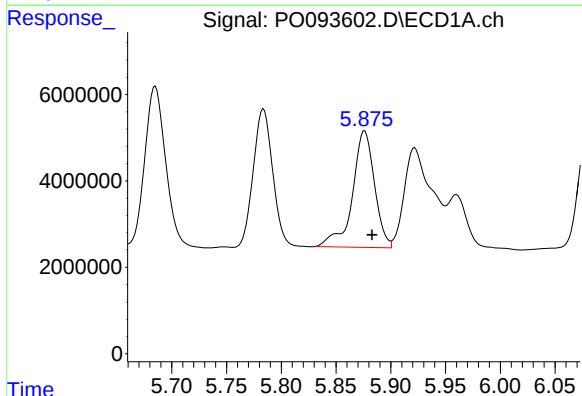
R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 55906958
Conc: 899.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



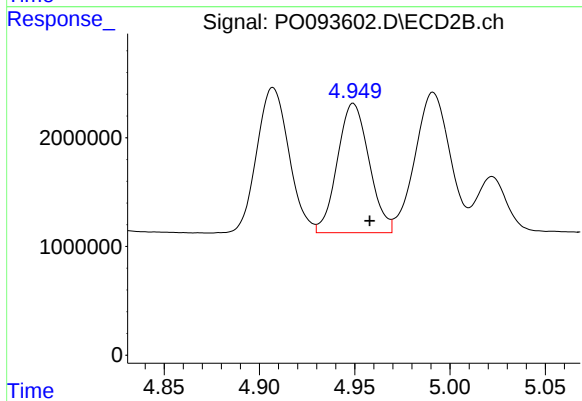
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: -0.008 min
Response: 19742608
Conc: 848.35 ng/ml



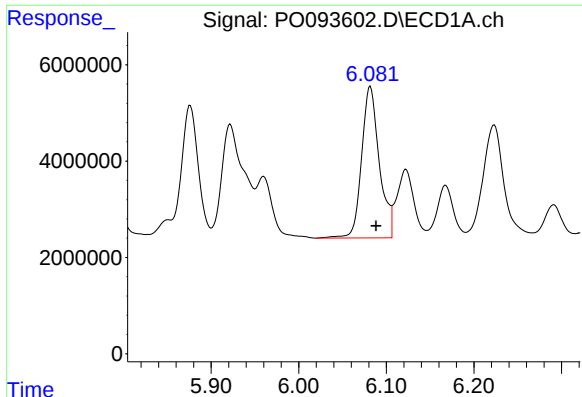
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 37797028
Conc: 395.74 ng/ml



#22 AR-1248-2

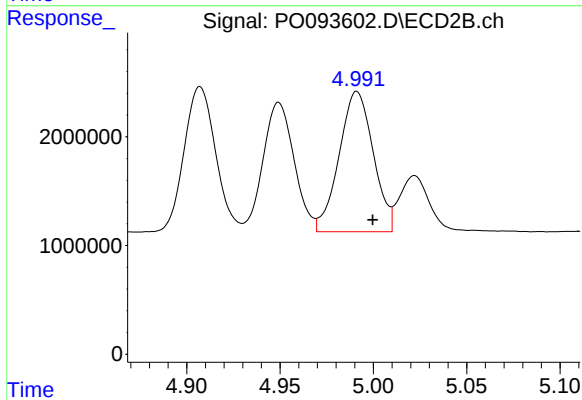
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 13785840
Conc: 380.40 ng/ml



#23 AR-1248-3

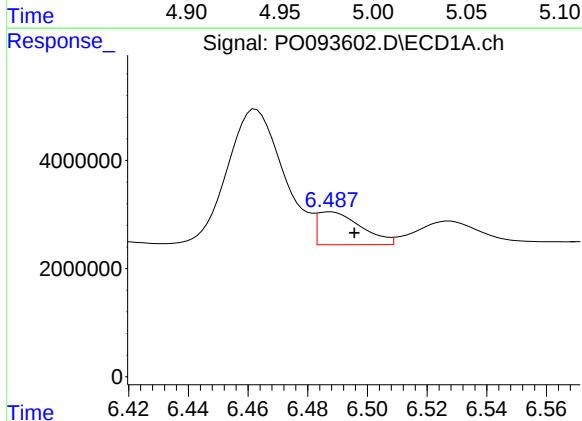
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 44076558
Conc: 423.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



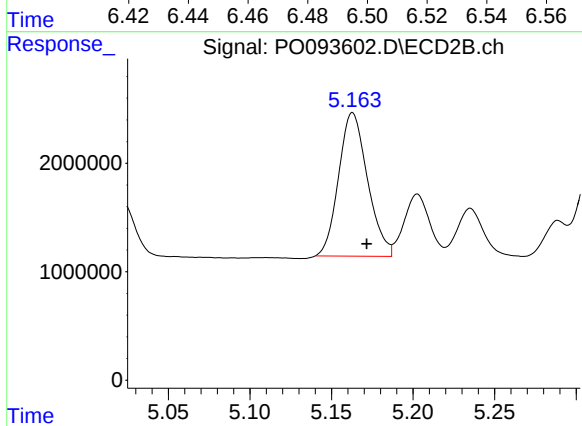
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: -0.008 min
Response: 16468384
Conc: 438.85 ng/ml



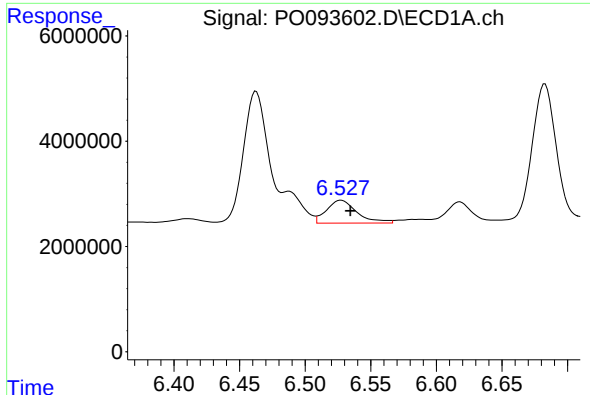
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: -0.008 min
Response: 6170035
Conc: 60.59 ng/ml



#24 AR-1248-4

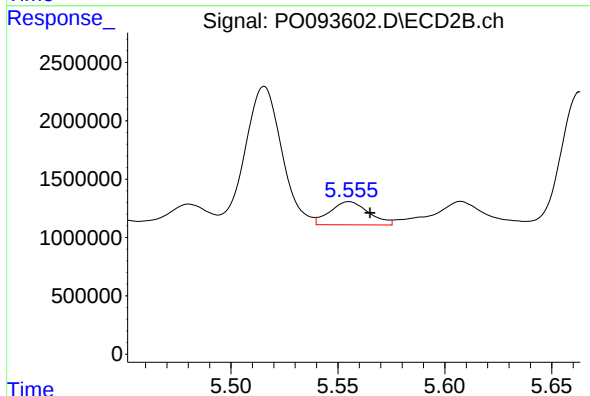
R.T.: 5.163 min
Delta R.T.: -0.009 min
Response: 16301792
Conc: 378.92 ng/ml



#25 AR-1248-5

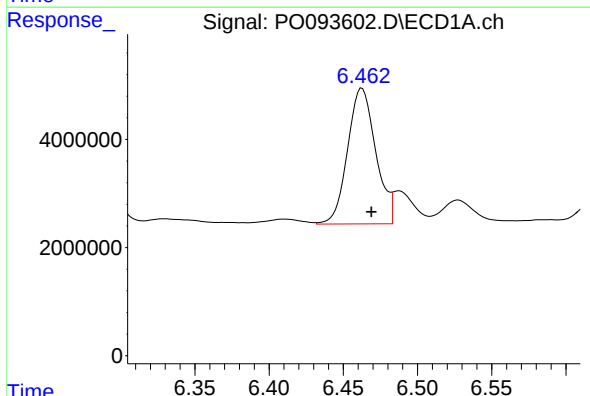
R.T.: 6.527 min
Delta R.T.: -0.007 min
Response: 7031127
Conc: 68.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



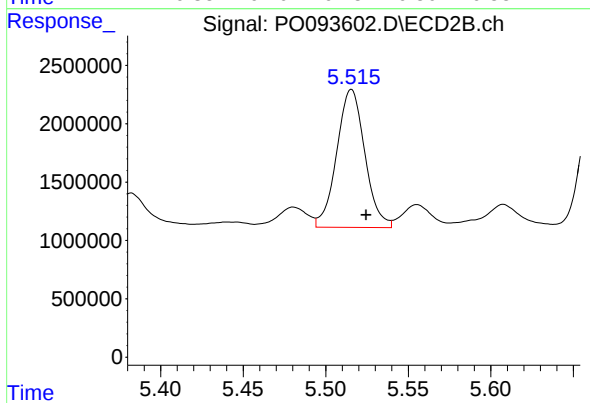
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.010 min
Response: 2492954
Conc: 67.78 ng/ml



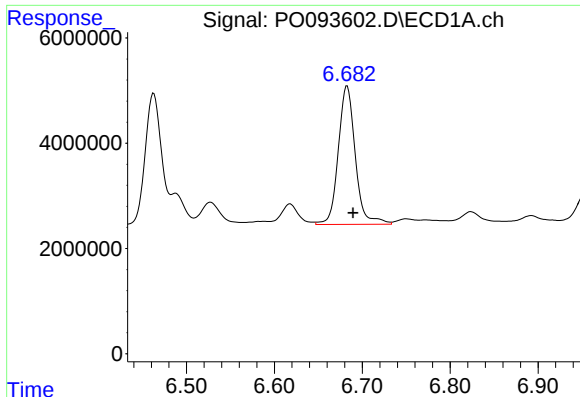
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 33052677
Conc: 282.84 ng/ml



#26 AR-1254-1

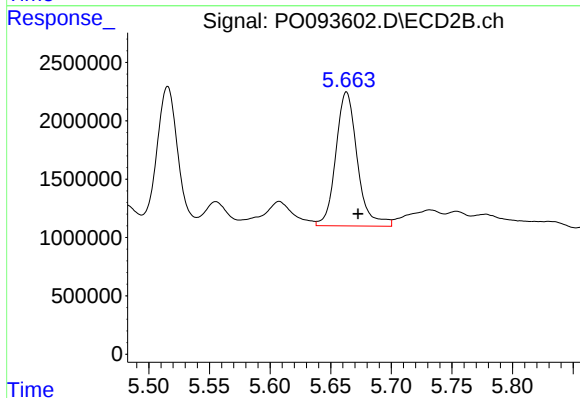
R.T.: 5.516 min
Delta R.T.: -0.009 min
Response: 13999412
Conc: 223.05 ng/ml



#27 AR-1254-2

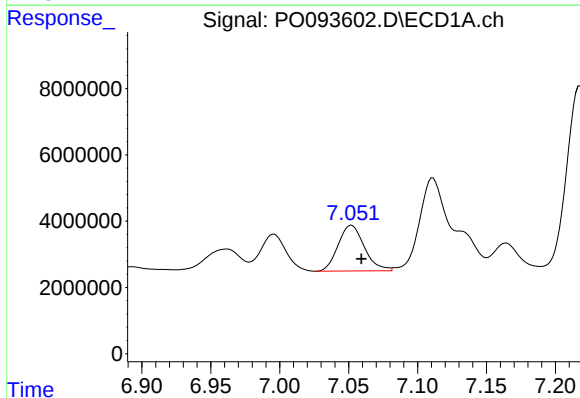
R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 35370564
Conc: 207.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



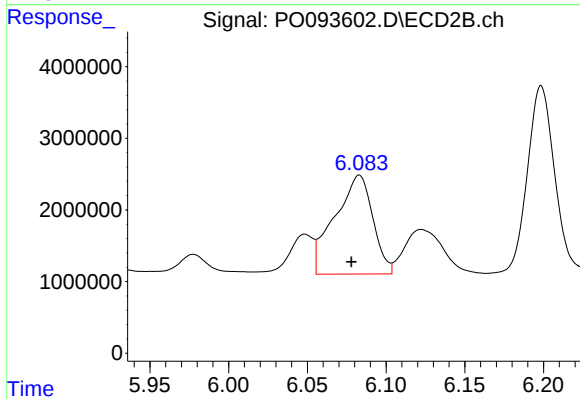
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 14187815
Conc: 251.77 ng/ml



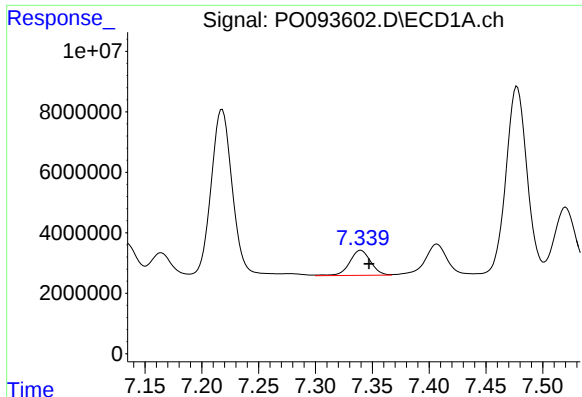
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 18247403
Conc: 109.77 ng/ml



#28 AR-1254-3

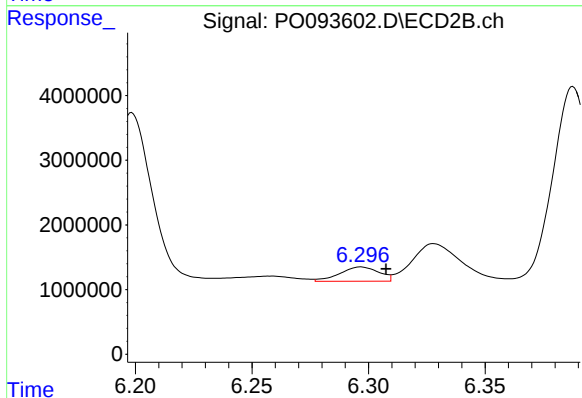
R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 23247933
Conc: 270.03 ng/ml



#29 AR-1254-4

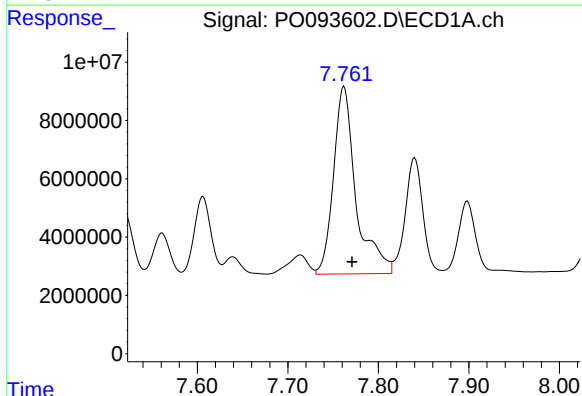
R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 10669744
Conc: 100.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



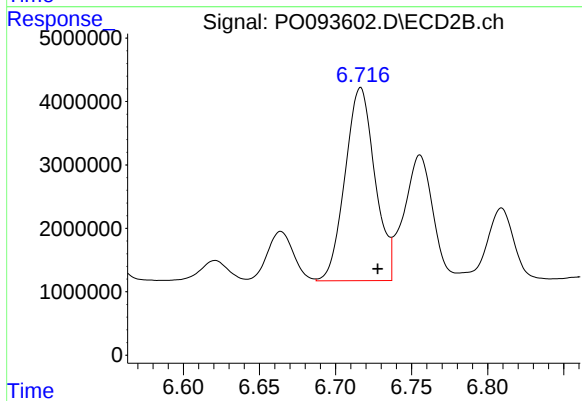
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.011 min
Response: 2584520
Conc: 56.52 ng/ml



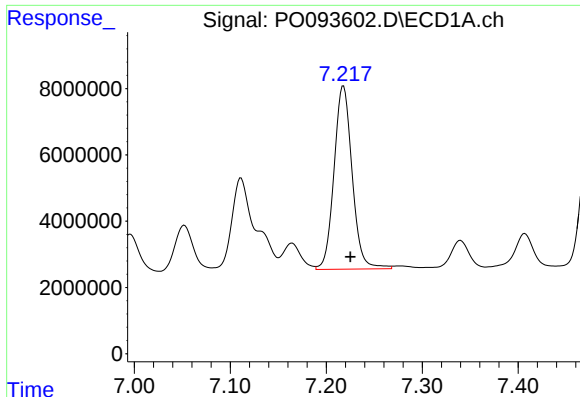
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: -0.009 min
Response: 111014010
Conc: 819.84 ng/ml



#30 AR-1254-5

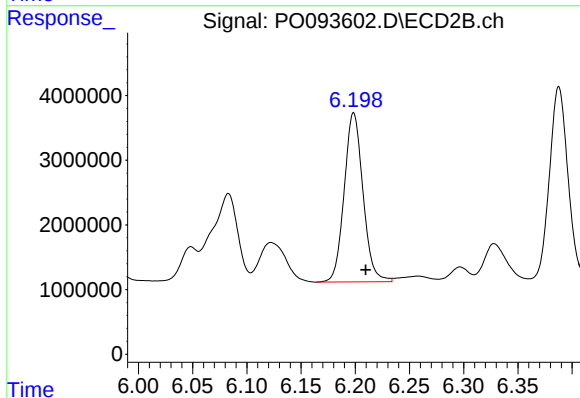
R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 41576202
Conc: 562.97 ng/ml



#31 AR-1260-1

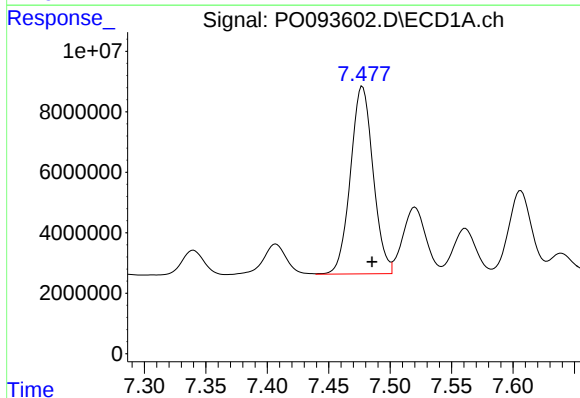
R.T.: 7.218 min
Delta R.T.: -0.008 min
Response: 72576110
Conc: 560.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



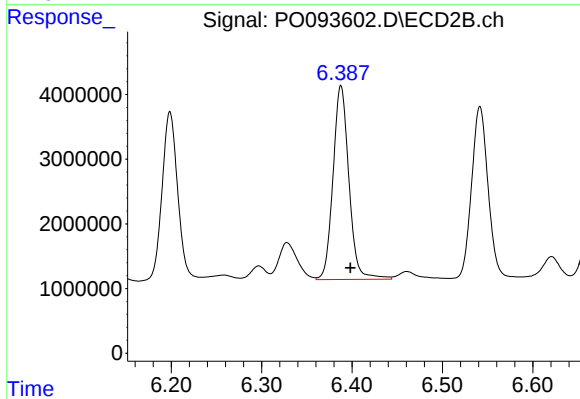
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.011 min
Response: 31570911
Conc: 519.27 ng/ml



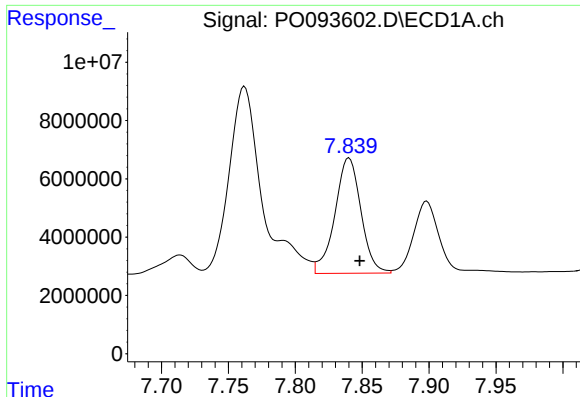
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 79543366
Conc: 538.82 ng/ml



#32 AR-1260-2

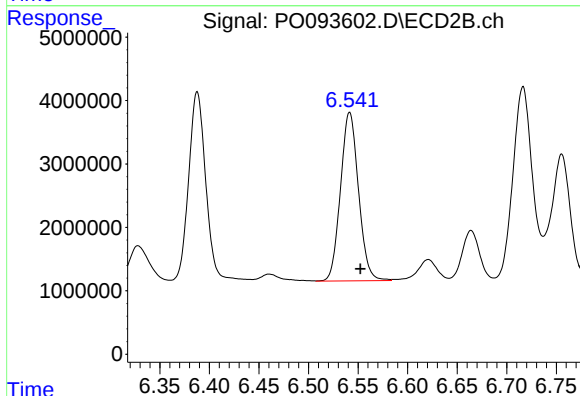
R.T.: 6.388 min
Delta R.T.: -0.011 min
Response: 36651936
Conc: 506.97 ng/ml



#33 AR-1260-3

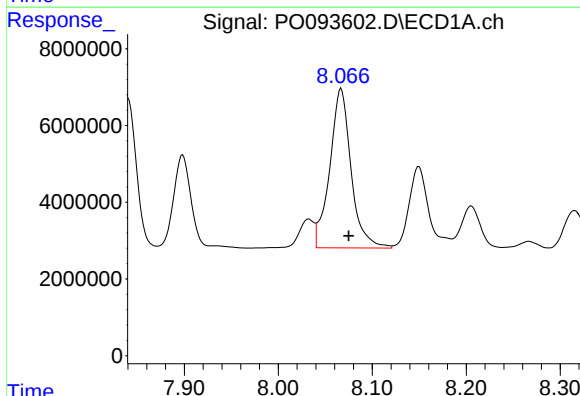
R.T.: 7.840 min
Delta R.T.: -0.008 min
Response: 53707565
Conc: 477.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



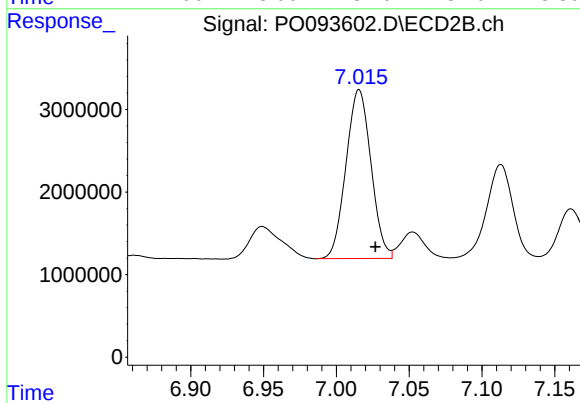
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 33634044
Conc: 502.99 ng/ml



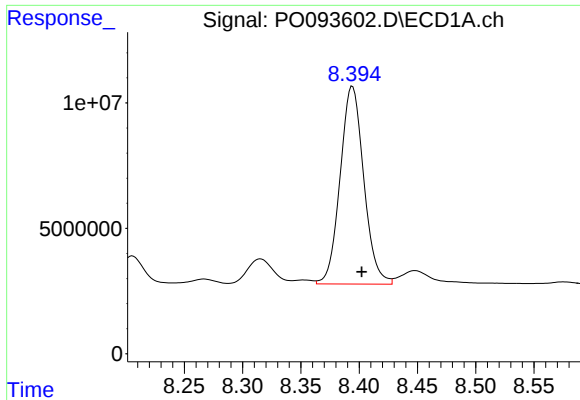
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 65532079
Conc: 511.02 ng/ml



#34 AR-1260-4

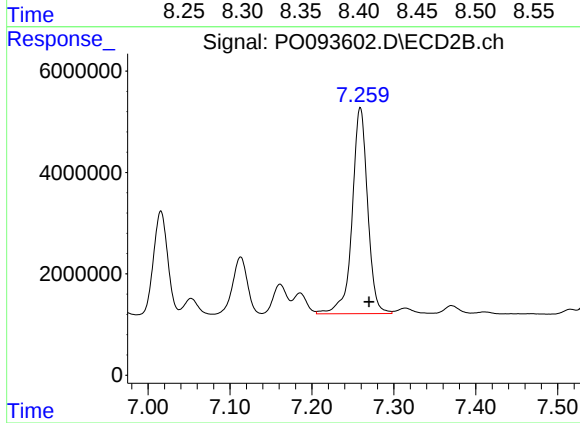
R.T.: 7.016 min
Delta R.T.: -0.011 min
Response: 24421163
Conc: 443.77 ng/ml



#35 AR-1260-5

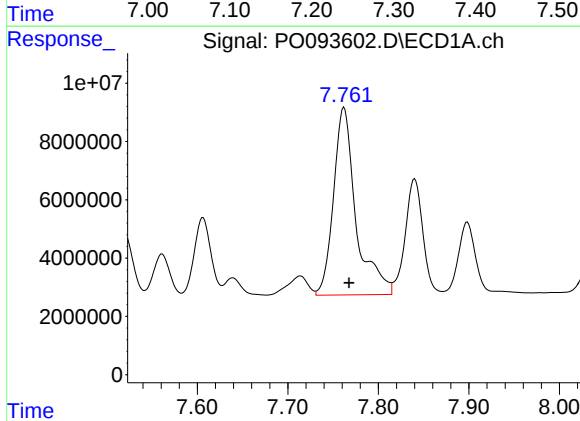
R.T.: 8.394 min
Delta R.T.: -0.008 min
Response: 111221614
Conc: 497.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



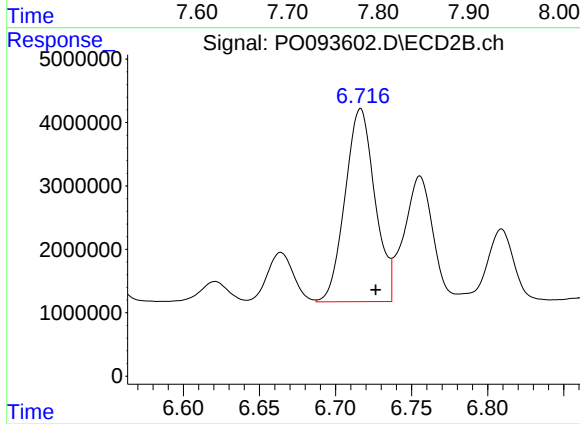
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.011 min
Response: 53477442
Conc: 454.24 ng/ml



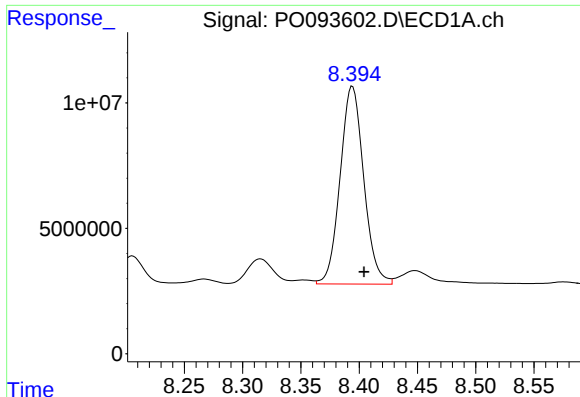
#36 AR-1262-1

R.T.: 7.762 min
Delta R.T.: -0.006 min
Response: 111014010
Conc: 1116.80 ng/ml



#36 AR-1262-1

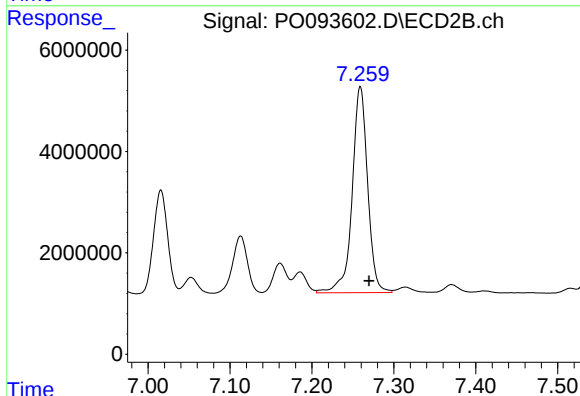
R.T.: 6.716 min
Delta R.T.: -0.010 min
Response: 41576202
Conc: 1112.60 ng/ml



#37 AR-1262-2

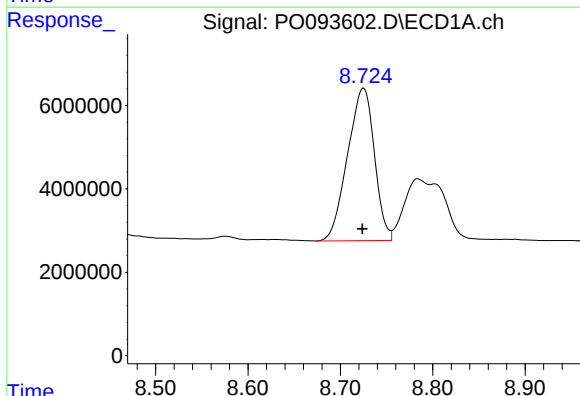
R.T.: 8.394 min
Delta R.T.: -0.010 min
Response: 111221614
Conc: 468.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



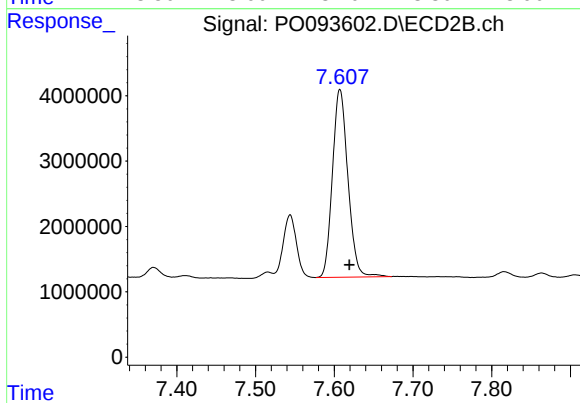
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: -0.010 min
Response: 53477442
Conc: 449.08 ng/ml



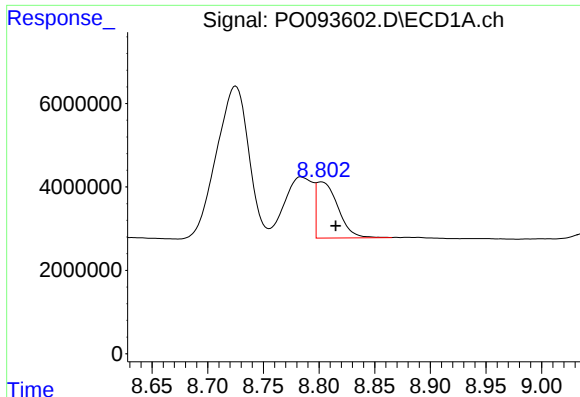
#38 AR-1262-3

R.T.: 8.725 min
Delta R.T.: 0.001 min
Response: 73872526
Conc: 437.42 ng/ml



#38 AR-1262-3

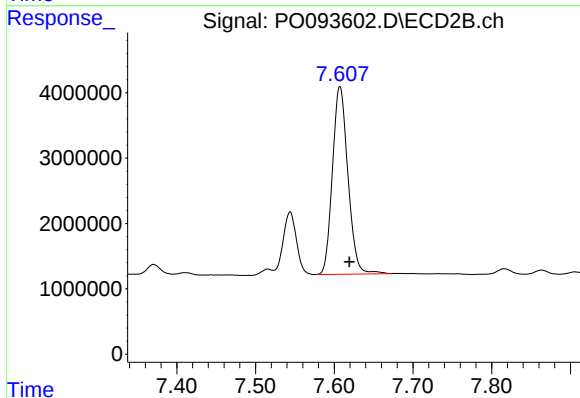
R.T.: 7.607 min
Delta R.T.: -0.012 min
Response: 39223026
Conc: 433.95 ng/ml



#39 AR-1262-4

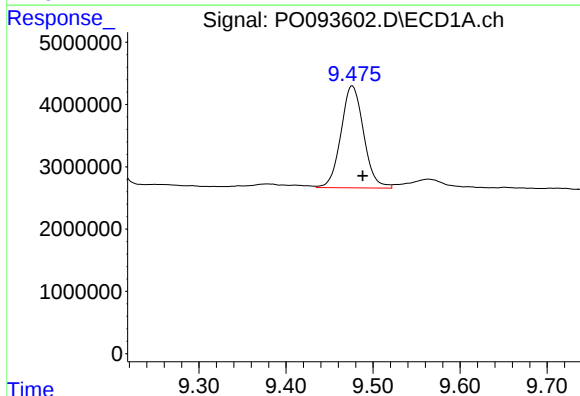
R.T.: 8.802 min
Delta R.T.: -0.013 min
Response: 18162910
Conc: 202.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



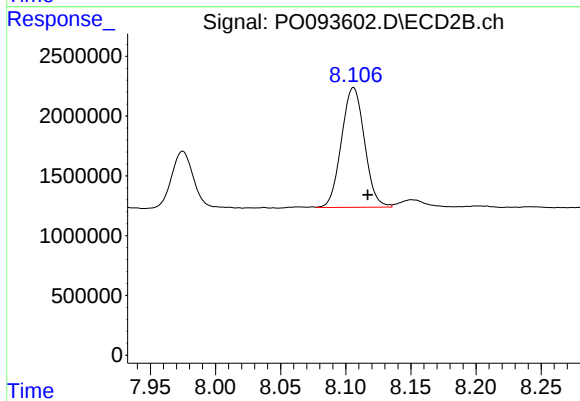
#39 AR-1262-4

R.T.: 7.607 min
Delta R.T.: -0.012 min
Response: 39223026
Conc: 433.95 ng/ml



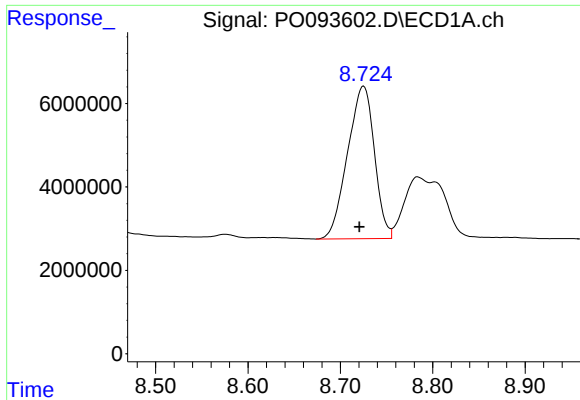
#40 AR-1262-5

R.T.: 9.476 min
Delta R.T.: -0.012 min
Response: 29661836
Conc: 310.56 ng/ml



#40 AR-1262-5

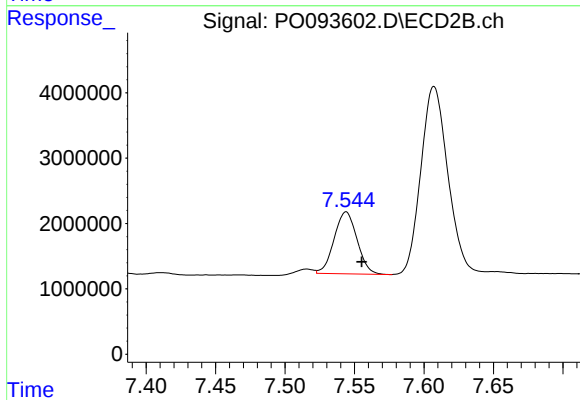
R.T.: 8.106 min
Delta R.T.: -0.011 min
Response: 12354825
Conc: 301.89 ng/ml



#41 AR-1268-1

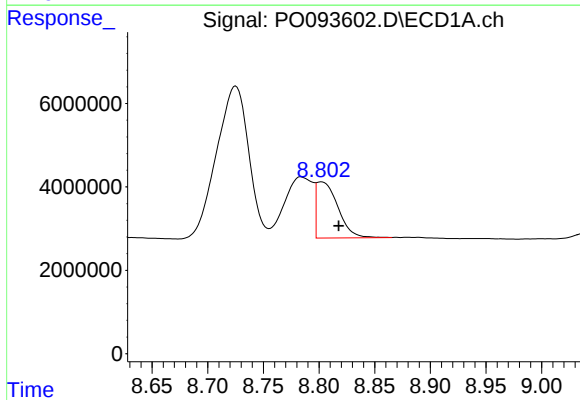
R.T.: 8.725 min
Delta R.T.: 0.004 min
Response: 73872526
Conc: 231.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



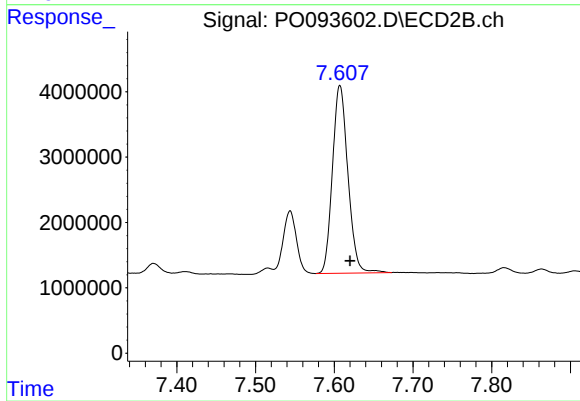
#41 AR-1268-1

R.T.: 7.544 min
Delta R.T.: -0.011 min
Response: 10918874
Conc: 69.77 ng/ml



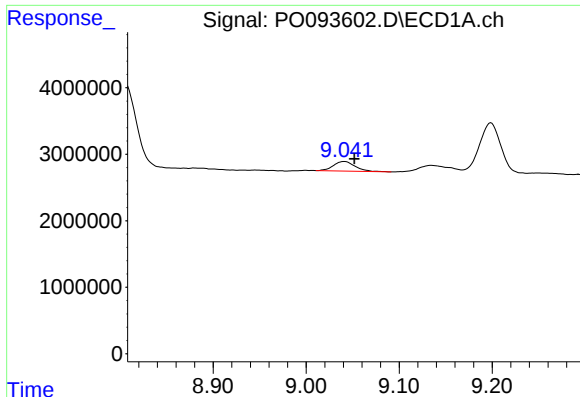
#42 AR-1268-2

R.T.: 8.802 min
Delta R.T.: -0.015 min
Response: 18162910
Conc: 62.56 ng/ml



#42 AR-1268-2

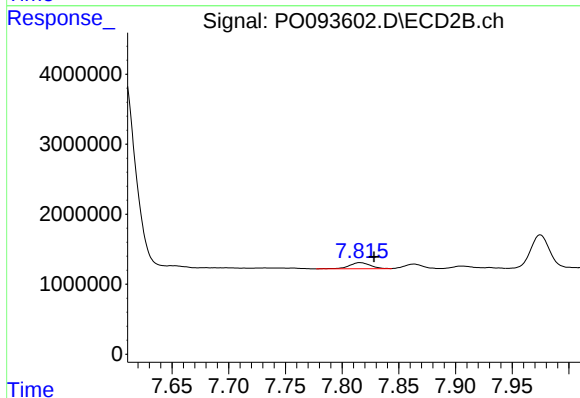
R.T.: 7.607 min
Delta R.T.: -0.013 min
Response: 39223026
Conc: 280.94 ng/ml



#43 AR-1268-3

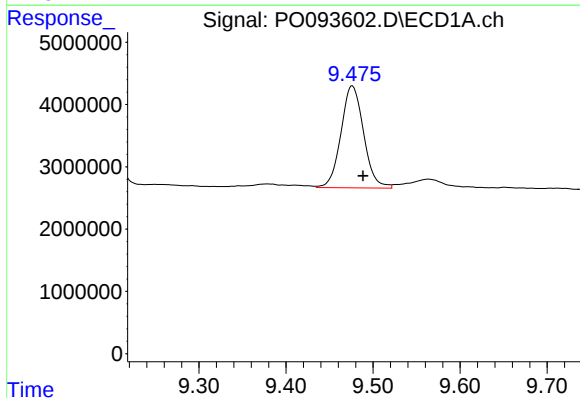
R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 2383181
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



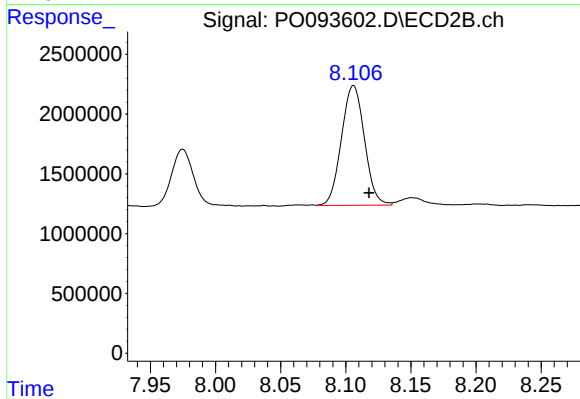
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: -0.012 min
Response: 1135072
Conc: 9.12 ng/ml



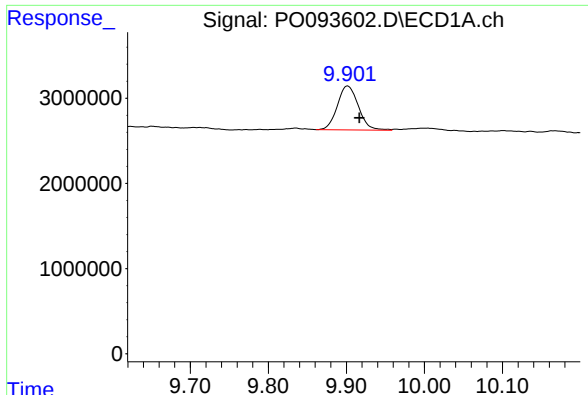
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.012 min
Response: 29661836
Conc: 277.75 ng/ml



#44 AR-1268-4

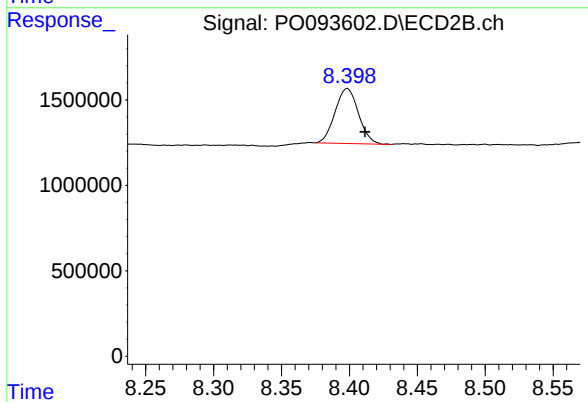
R.T.: 8.106 min
Delta R.T.: -0.012 min
Response: 12354825
Conc: 250.54 ng/ml



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: -0.015 min
Response: 9697617
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: -0.013 min
Response: 3855136
Conc: 10.92 ng/ml