

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030223\
 Data File : P0092888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 14:00
 Operator : YP/AJ
 Sample : PB151153BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 14:22:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.434	3.638	68198820	23867452	22.712	18.724
2)	SA Decachlor...	10.278	8.677	49765614	24261874	25.873	20.818
Target Compounds							
3)	L1 AR-1016-1	5.612	4.725	43639090	16815797	474.809	416.251
4)	L1 AR-1016-2	5.634	4.744	64258746	24274614	482.129	420.398
5)	L1 AR-1016-3	5.697	4.921	41068406	13146667	473.020	419.537
6)	L1 AR-1016-4	5.796	4.963	31164434	11833766	477.233	423.283
7)	L1 AR-1016-5	6.094	5.176	33289518	14530324	468.404	409.619
8)	L2 AR-1221-1	4.639	3.851	4956852	1832383	125.407	113.417
9)	L2 AR-1221-2	4.731	3.938	6231864	2320208	216.587	191.643
10)	L2 AR-1221-3	4.808	4.014	26359598	10289059	299.303	276.331
11)	L3 AR-1232-1	4.808	4.014	26359598	10289059	375.113	328.653
12)	L3 AR-1232-2	5.342	4.744	35344035	24274614	1027.689	901.104
13)	L3 AR-1232-3	5.634	4.921	64258746	13146667	1051.100	937.862
14)	L3 AR-1232-4	5.796	5.005	31164434	14338260	1055.895	1008.212
15)	L3 AR-1232-5	5.889	5.176	28286218	14530324	1089.244	934.411
16)	L4 AR-1242-1	5.612	4.725	43639090	16815797	553.085	500.751
17)	L4 AR-1242-2	5.634	4.744	64258746	24274614	558.617	506.220
18)	L4 AR-1242-3	5.697	4.921	41068406	13146667	556.310	504.868
19)	L4 AR-1242-4	5.796	5.005	31164434	14338260	562.670	497.244
20)	L4 AR-1242-5	6.541	5.530	4276854	11658536	73.018	372.607 #
21)	L5 AR-1248-1	5.612	4.725	43639090	16815797	711.887	642.201
22)	L5 AR-1248-2	5.889	4.963	28286218	11833766	293.918	292.491
23)	L5 AR-1248-3	6.094	5.005	33289518	14338260	324.402	340.207
24)	L5 AR-1248-4	6.500	5.176	4245951	14530324	42.426	300.816 #
25)	L5 AR-1248-5	6.541	5.570	4276854	1543359	42.249	36.978
26)	L6 AR-1254-1	6.476	5.530	25766003	11658536	227.250	166.524 #
27)	L6 AR-1254-2	6.696	5.678	26550806	11346933	159.748	180.860
28)	L6 AR-1254-3	7.065	6.065	13146102	4723070	80.306	48.996 #
29)	L6 AR-1254-4	7.354	6.313	7896118	1701387	76.083	32.971 #
30)	L6 AR-1254-5	7.776	6.734	75206283	35134844	613.410	432.742 #
31)	L7 AR-1260-1	7.232	6.215	57542281	27498506	471.543	403.628
32)	L7 AR-1260-2	7.491	6.404	64502484	32034407	438.854	398.524
33)	L7 AR-1260-3	7.776	6.558	75206283	29894366	478.452	370.343
34)	L7 AR-1260-4	8.082	7.033	51462736	22182253	439.341	364.412
35)	L7 AR-1260-5	8.411	7.277	87669517	47469481	422.731	371.817
36)	L8 AR-1262-1	7.776	6.734	75206283	35134844	780.297	840.550
37)	L8 AR-1262-2	8.411	7.277	87669517	47469481	373.124	359.641
38)	L8 AR-1262-3	8.744	7.562	58799792	10493636	350.708	182.186 #
39)	L8 AR-1262-4	8.804	7.626	21421424	34898284	149.382	347.697 #
40)	L8 AR-1262-5	9.501	8.125	22827080	11187903	264.014	243.780
41)	L9 AR-1268-1	8.744	7.562	58799792	10493636	188.150	61.069 #

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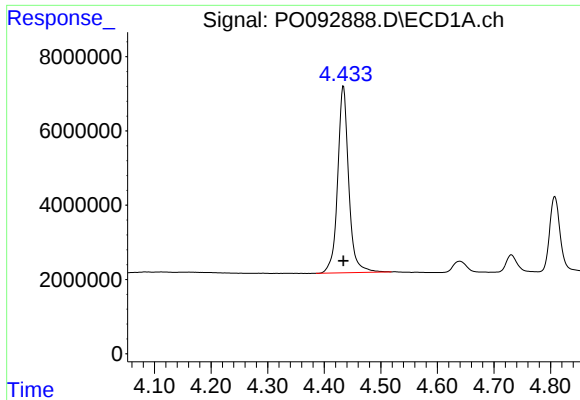
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 14:22:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
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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	8.822	7.626	14359242	34898284	48.545	229.249 #
43) L9	AR-1268-3	9.060	7.835	1883817	842656	7.403	6.297
44) L9	AR-1268-4	9.501	8.125	22827080	11187903	240.123	207.059
45) L9	AR-1268-5	9.928	8.419	7525872	3856132	10.060	10.547

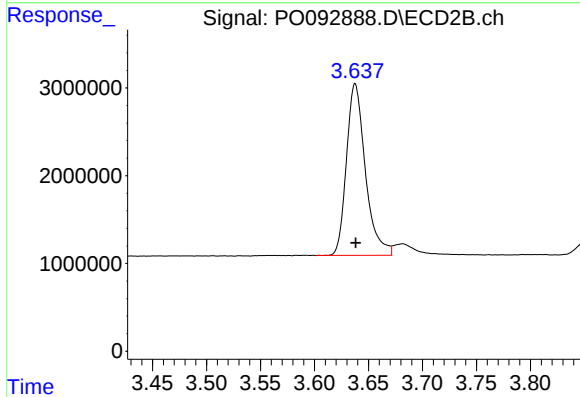
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

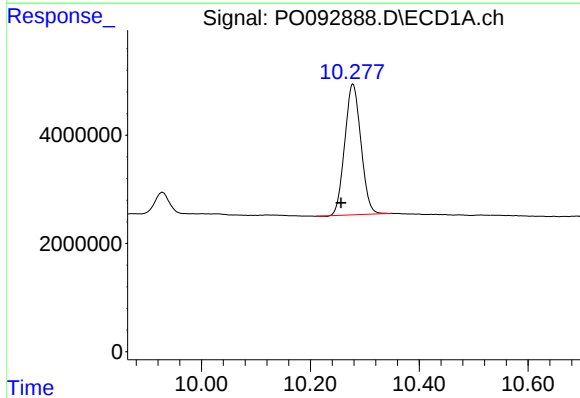
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 68198820
Conc: 22.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



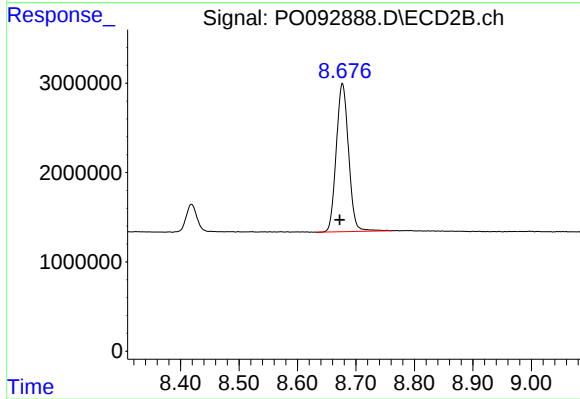
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 23867452
Conc: 18.72 ng/ml



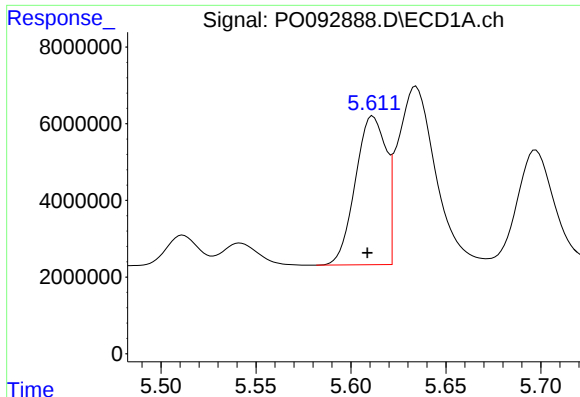
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.022 min
Response: 49765614
Conc: 25.87 ng/ml



#2 Decachlorobiphenyl

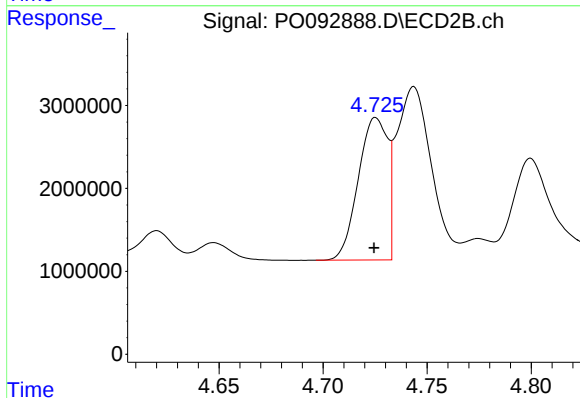
R.T.: 8.677 min
Delta R.T.: 0.005 min
Response: 24261874
Conc: 20.82 ng/ml



#3 AR-1016-1

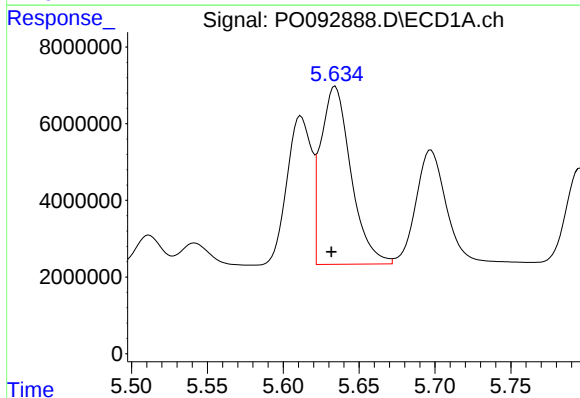
R.T.: 5.612 min
Delta R.T.: 0.003 min
Response: 43639090
Conc: 474.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



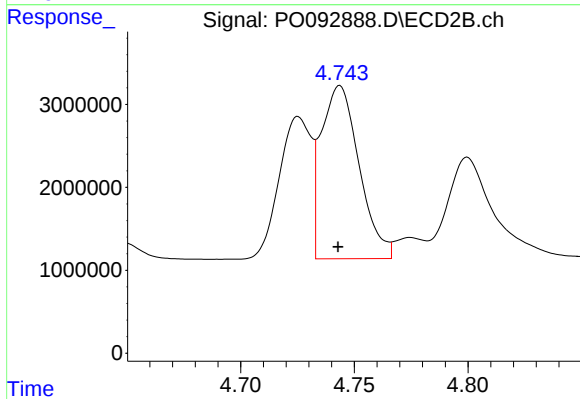
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 16815797
Conc: 416.25 ng/ml



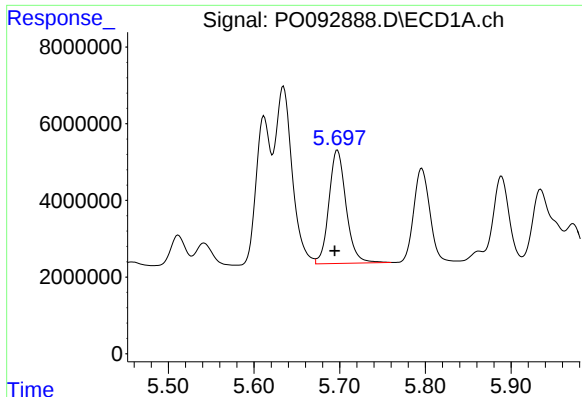
#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 64258746
Conc: 482.13 ng/ml



#4 AR-1016-2

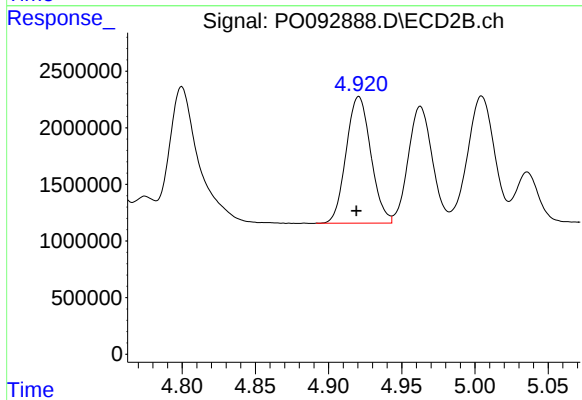
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 24274614
Conc: 420.40 ng/ml



#5 AR-1016-3

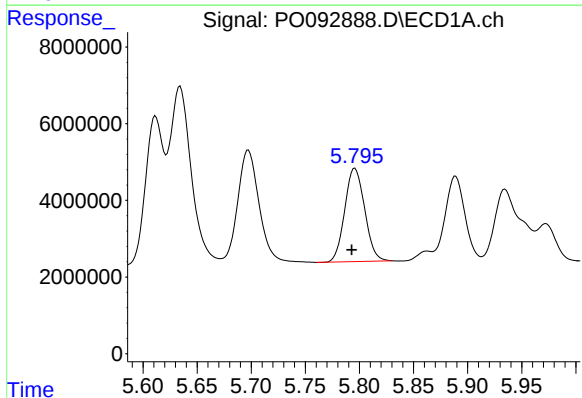
R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 41068406
Conc: 473.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



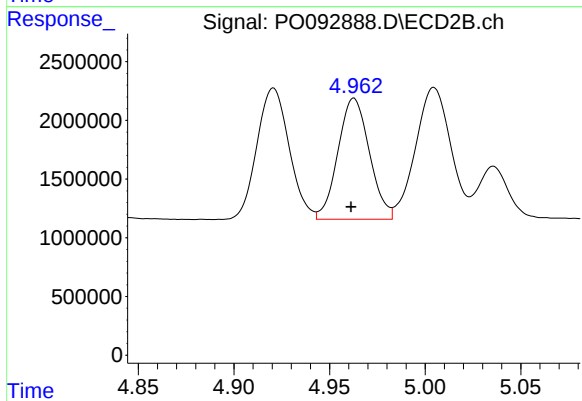
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 13146667
Conc: 419.54 ng/ml



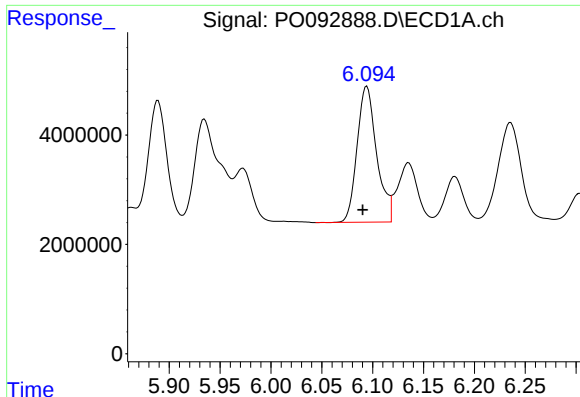
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 31164434
Conc: 477.23 ng/ml



#6 AR-1016-4

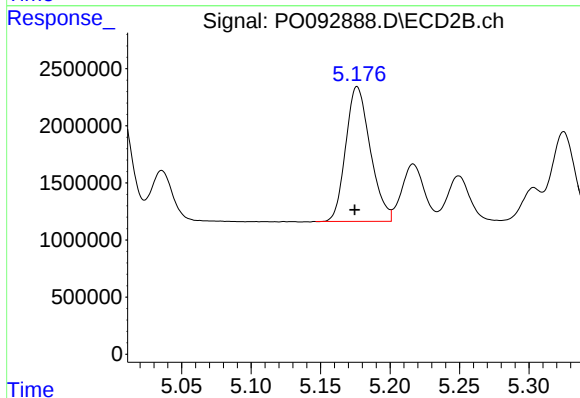
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 11833766
Conc: 423.28 ng/ml



#7 AR-1016-5

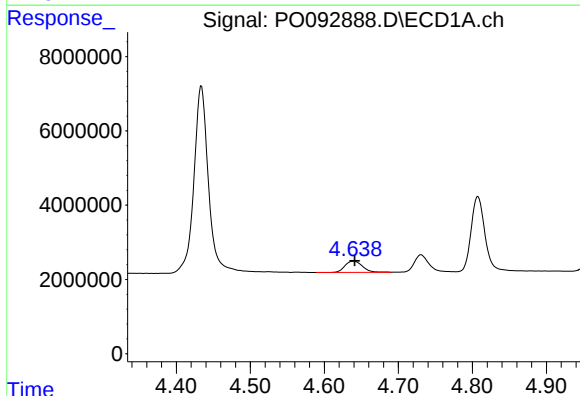
R.T.: 6.094 min
Delta R.T.: 0.004 min
Response: 33289518
Conc: 468.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



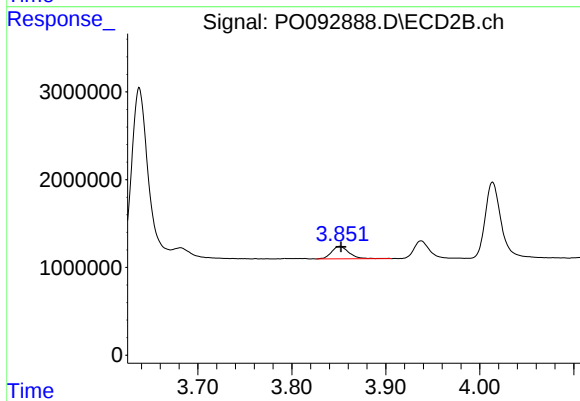
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.002 min
Response: 14530324
Conc: 409.62 ng/ml



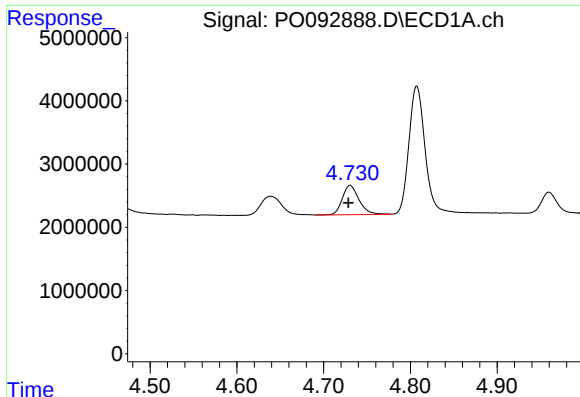
#8 AR-1221-1

R.T.: 4.639 min
Delta R.T.: -0.002 min
Response: 4956852
Conc: 125.41 ng/ml



#8 AR-1221-1

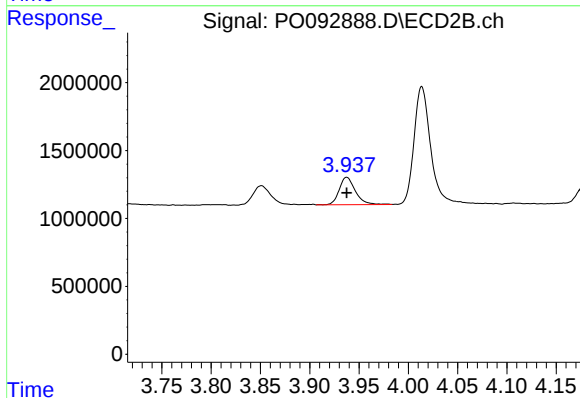
R.T.: 3.851 min
Delta R.T.: -0.001 min
Response: 1832383
Conc: 113.42 ng/ml



#9 AR-1221-2

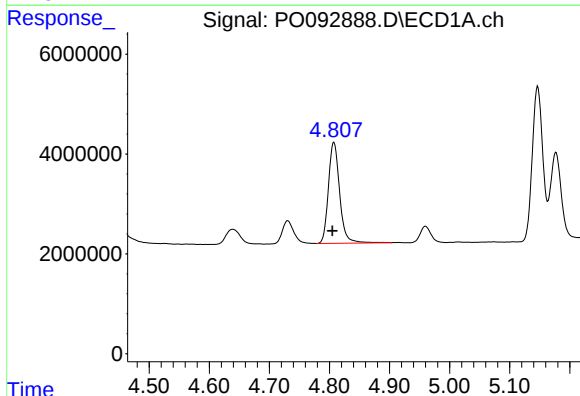
R.T.: 4.731 min
Delta R.T.: 0.002 min
Response: 6231864
Conc: 216.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



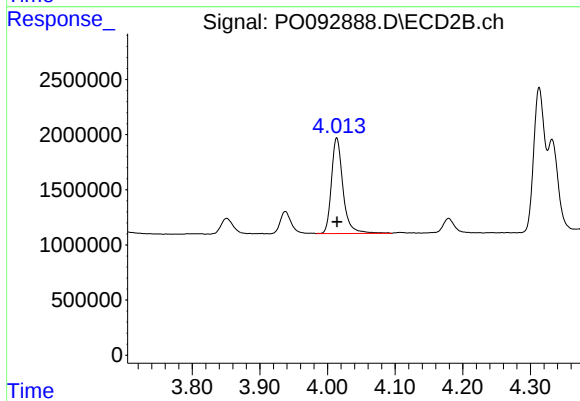
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 2320208
Conc: 191.64 ng/ml



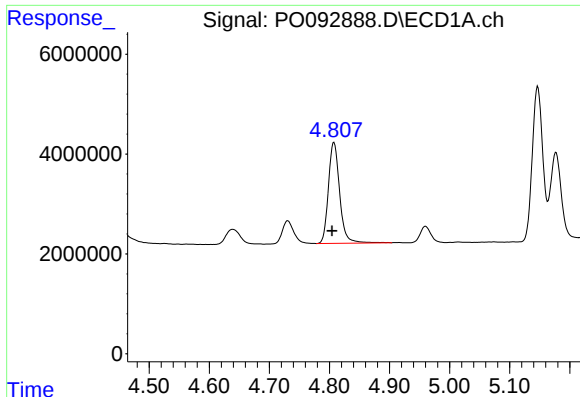
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: 0.002 min
Response: 26359598
Conc: 299.30 ng/ml



#10 AR-1221-3

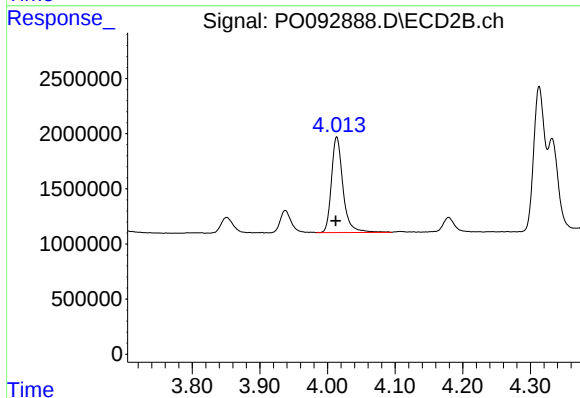
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 10289059
Conc: 276.33 ng/ml



#11 AR-1232-1

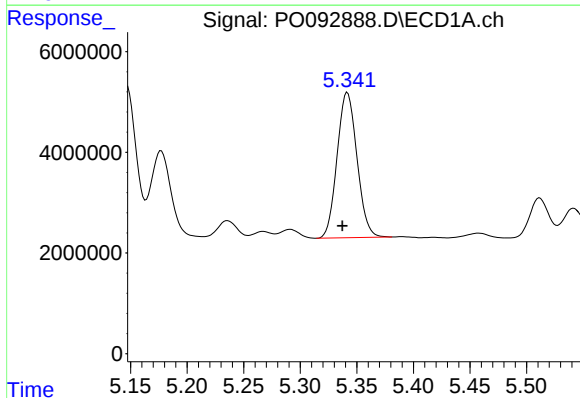
R.T.: 4.808 min
Delta R.T.: 0.003 min
Response: 26359598
Conc: 375.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



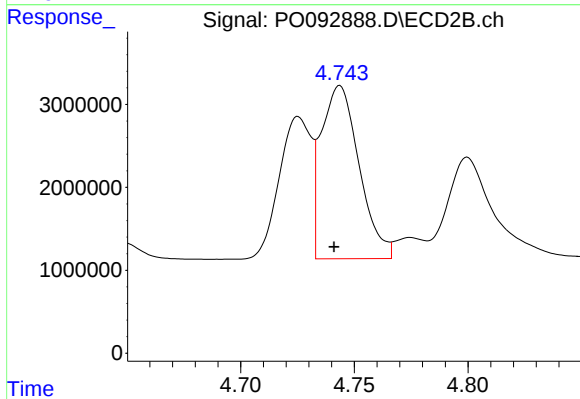
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: 0.001 min
Response: 10289059
Conc: 328.65 ng/ml



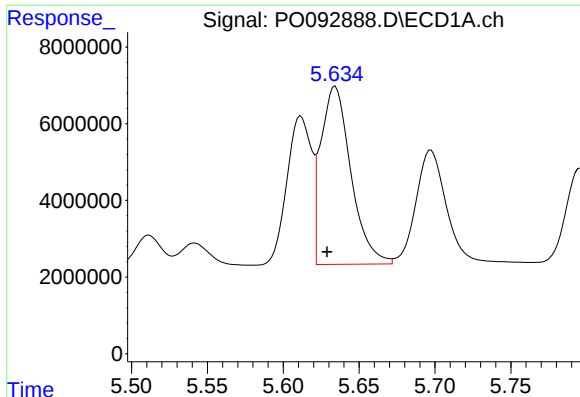
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: 0.004 min
Response: 35344035
Conc: 1027.69 ng/ml



#12 AR-1232-2

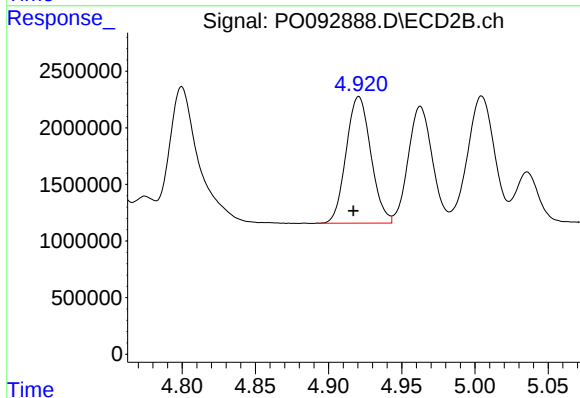
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 24274614
Conc: 901.10 ng/ml



#13 AR-1232-3

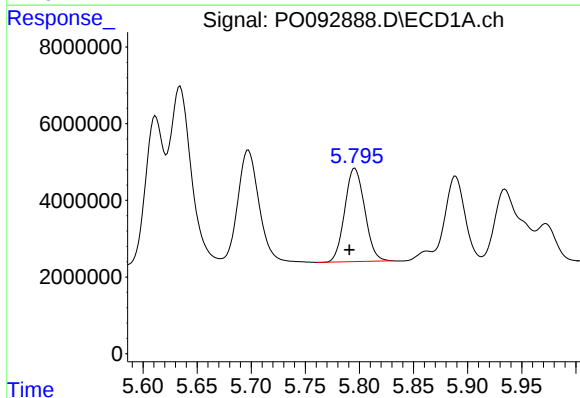
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 64258746
Conc: 1051.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



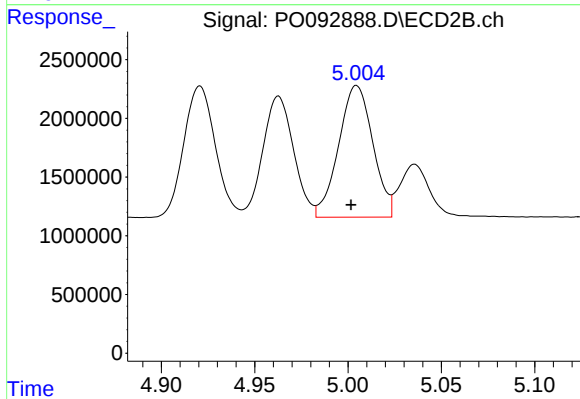
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: 0.004 min
Response: 13146667
Conc: 937.86 ng/ml



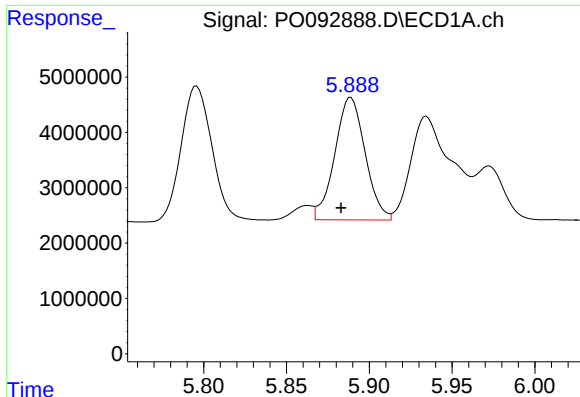
#14 AR-1232-4

R.T.: 5.796 min
Delta R.T.: 0.005 min
Response: 31164434
Conc: 1055.90 ng/ml



#14 AR-1232-4

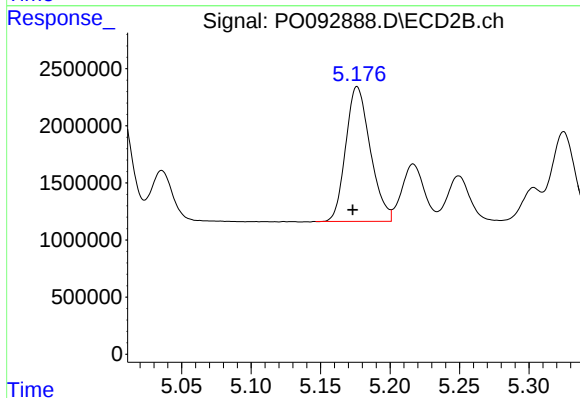
R.T.: 5.005 min
Delta R.T.: 0.003 min
Response: 14338260
Conc: 1008.21 ng/ml



#15 AR-1232-5

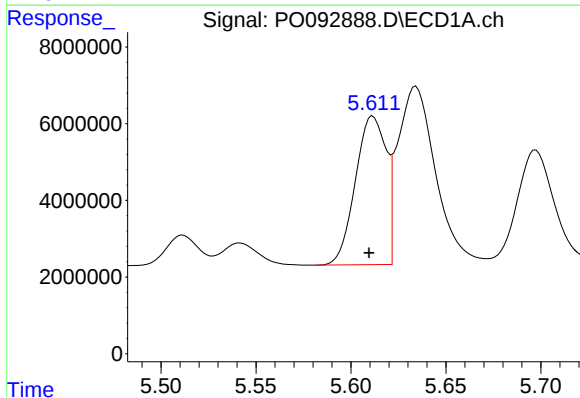
R.T.: 5.889 min
Delta R.T.: 0.006 min
Response: 28286218
Conc: 1089.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



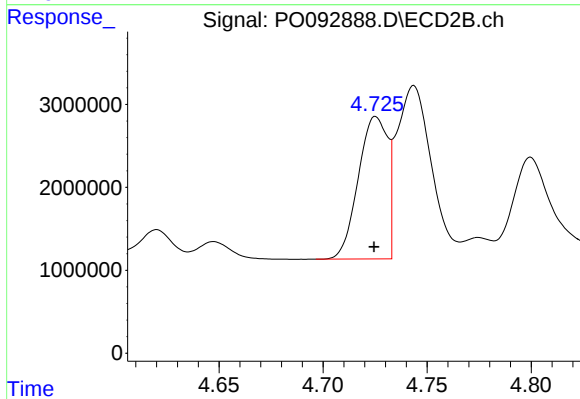
#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.003 min
Response: 14530324
Conc: 934.41 ng/ml



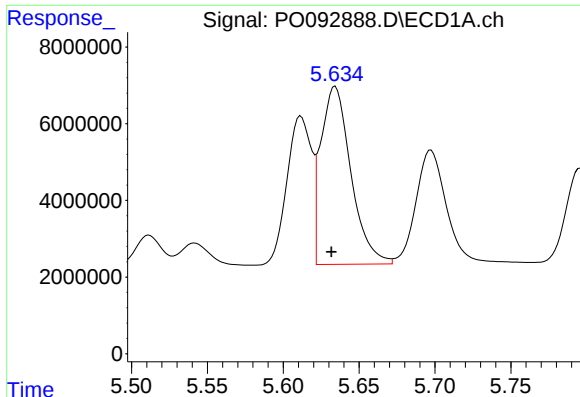
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: 0.002 min
Response: 43639090
Conc: 553.09 ng/ml



#16 AR-1242-1

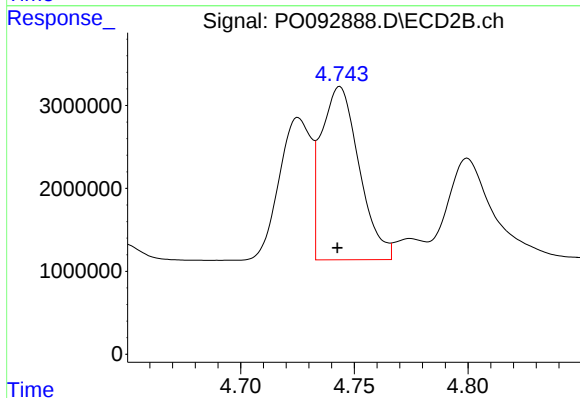
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 16815797
Conc: 500.75 ng/ml



#17 AR-1242-2

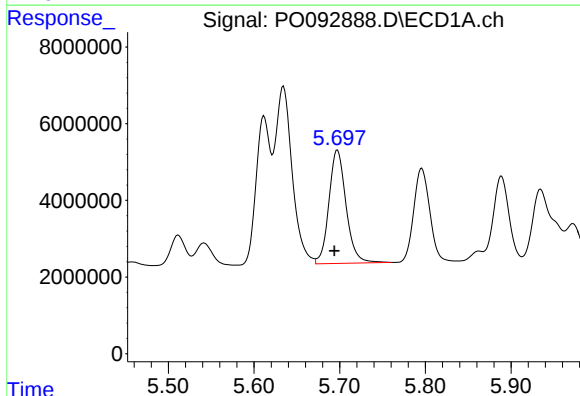
R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 64258746
Conc: 558.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



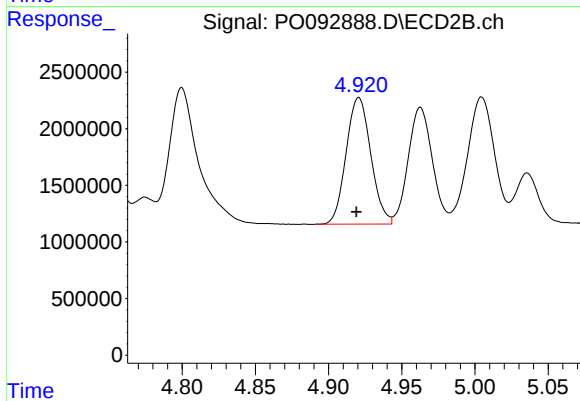
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 24274614
Conc: 506.22 ng/ml



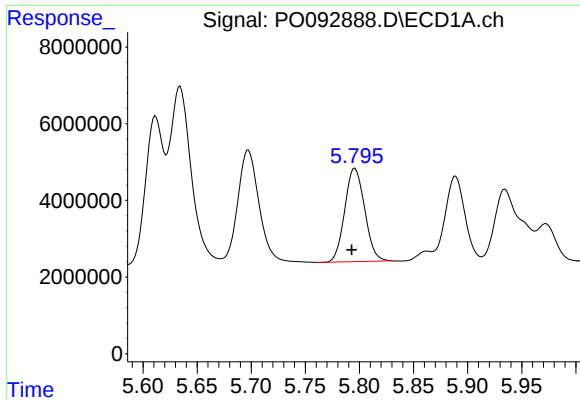
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: 0.004 min
Response: 41068406
Conc: 556.31 ng/ml



#18 AR-1242-3

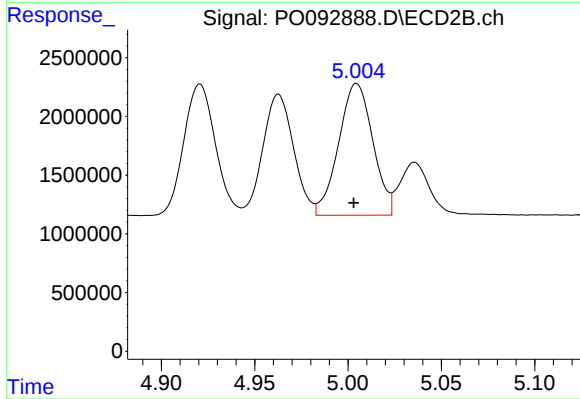
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 13146667
Conc: 504.87 ng/ml



#19 AR-1242-4

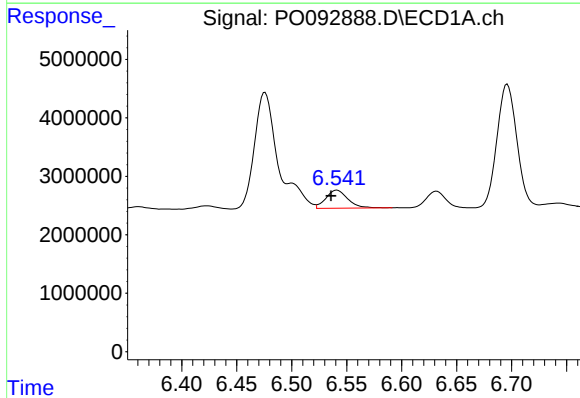
R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 31164434
Conc: 562.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



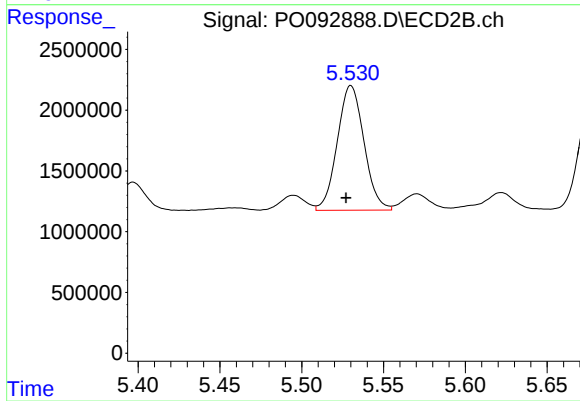
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 14338260
Conc: 497.24 ng/ml



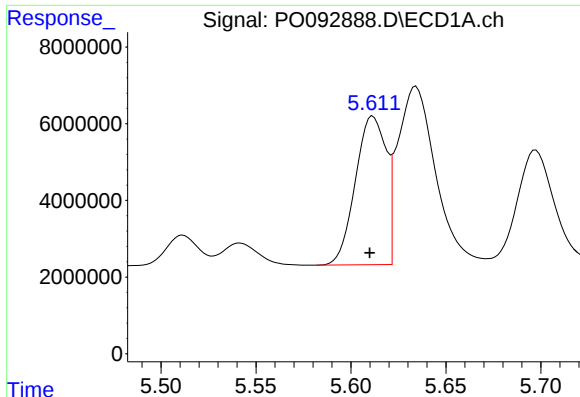
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.005 min
Response: 4276854
Conc: 73.02 ng/ml



#20 AR-1242-5

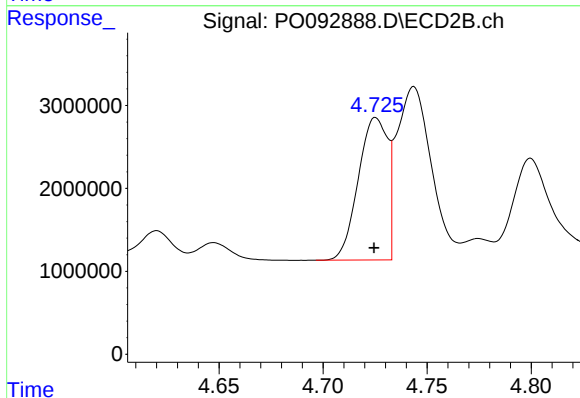
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 11658536
Conc: 372.61 ng/ml



#21 AR-1248-1

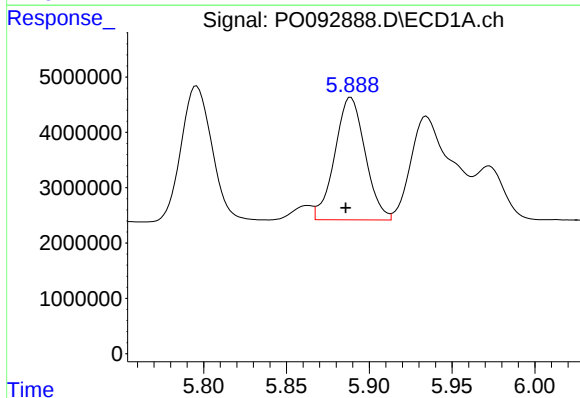
R.T.: 5.612 min
Delta R.T.: 0.002 min
Response: 43639090
Conc: 711.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



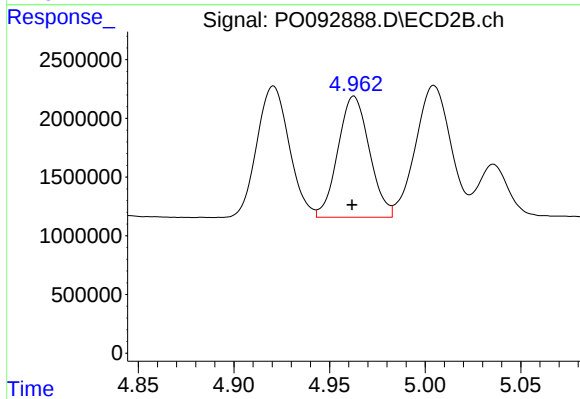
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 16815797
Conc: 642.20 ng/ml



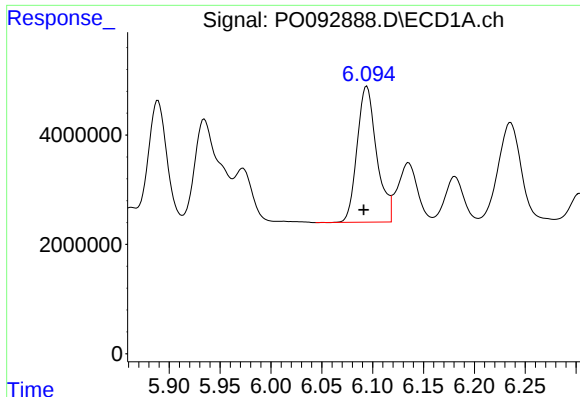
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 28286218
Conc: 293.92 ng/ml



#22 AR-1248-2

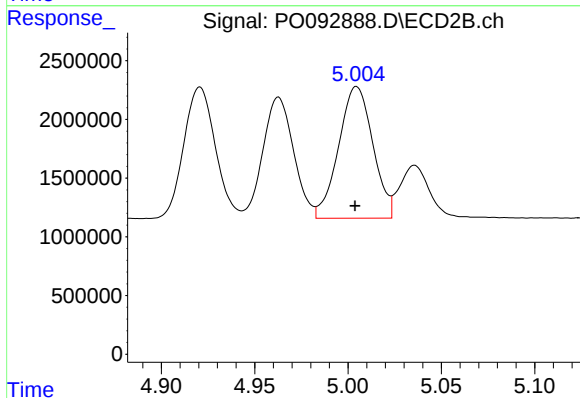
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 11833766
Conc: 292.49 ng/ml



#23 AR-1248-3

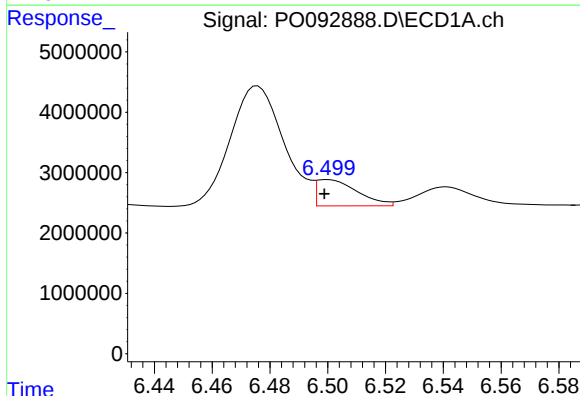
R.T.: 6.094 min
Delta R.T.: 0.003 min
Response: 33289518
Conc: 324.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



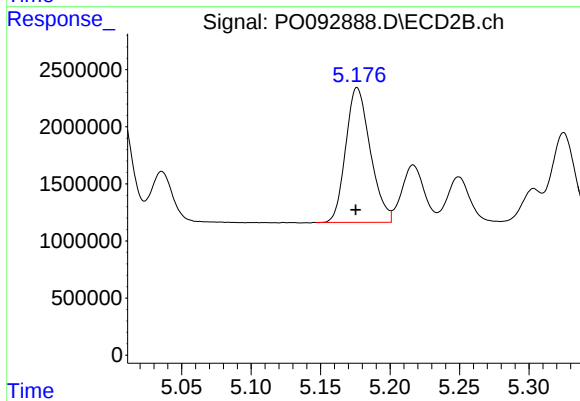
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 14338260
Conc: 340.21 ng/ml



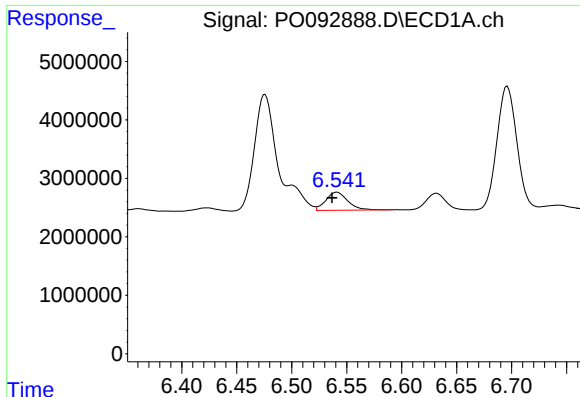
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.001 min
Response: 4245951
Conc: 42.43 ng/ml



#24 AR-1248-4

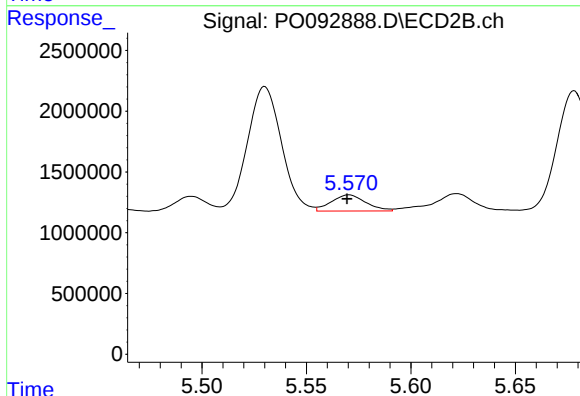
R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 14530324
Conc: 300.82 ng/ml



#25 AR-1248-5

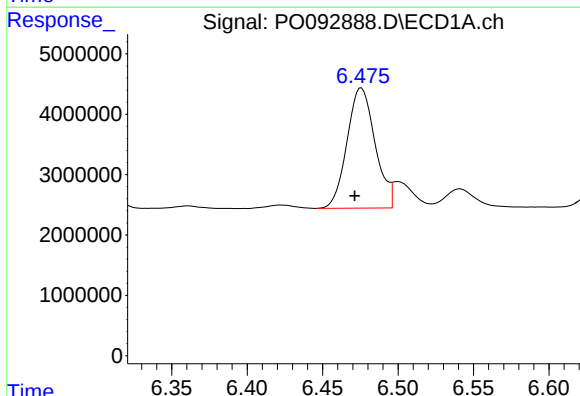
R.T.: 6.541 min
Delta R.T.: 0.005 min
Response: 4276854
Conc: 42.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



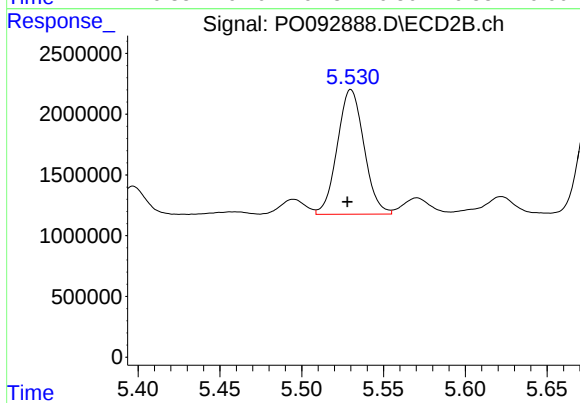
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 1543359
Conc: 36.98 ng/ml



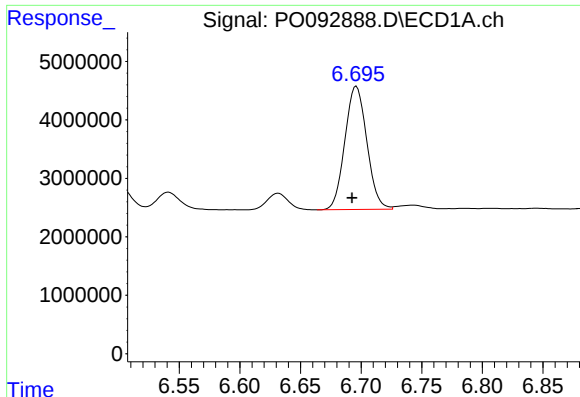
#26 AR-1254-1

R.T.: 6.476 min
Delta R.T.: 0.004 min
Response: 25766003
Conc: 227.25 ng/ml



#26 AR-1254-1

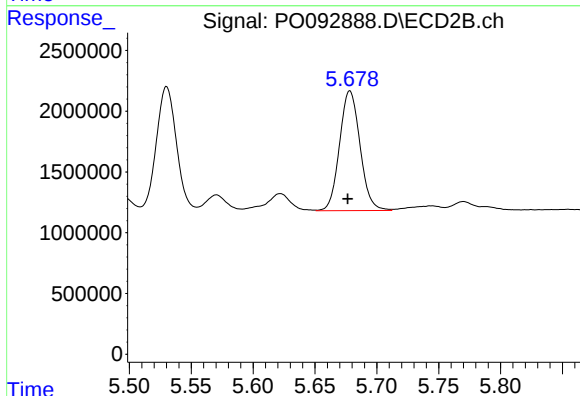
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 11658536
Conc: 166.52 ng/ml



#27 AR-1254-2

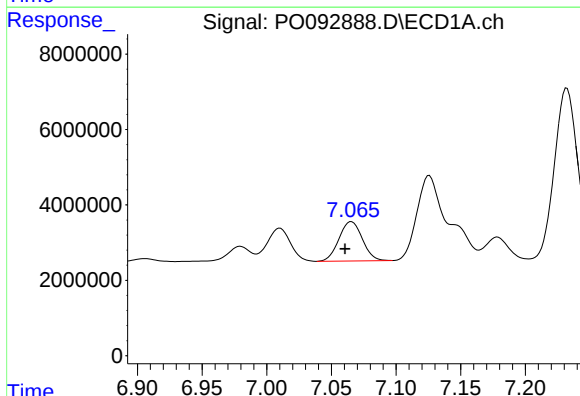
R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 26550806
Conc: 159.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



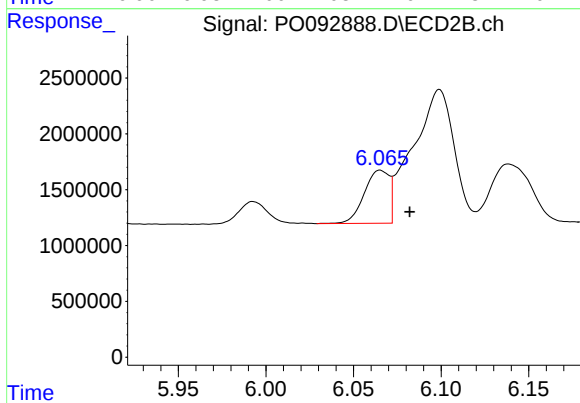
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: 0.002 min
Response: 11346933
Conc: 180.86 ng/ml



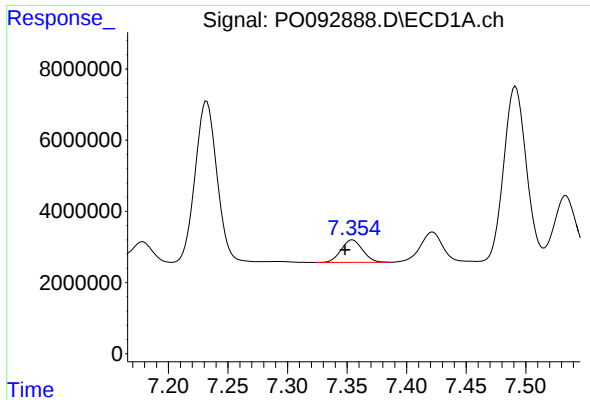
#28 AR-1254-3

R.T.: 7.065 min
Delta R.T.: 0.005 min
Response: 13146102
Conc: 80.31 ng/ml



#28 AR-1254-3

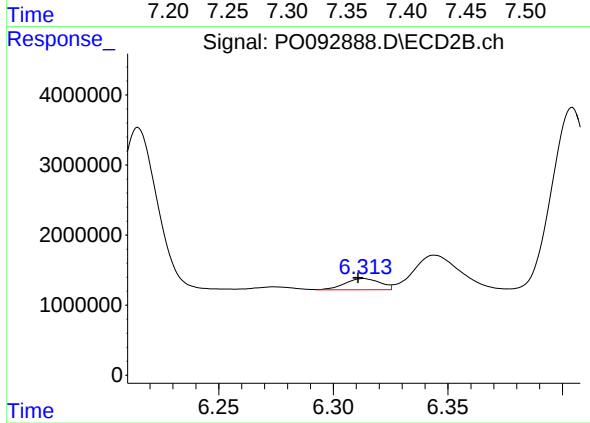
R.T.: 6.065 min
Delta R.T.: -0.017 min
Response: 4723070
Conc: 49.00 ng/ml



#29 AR-1254-4

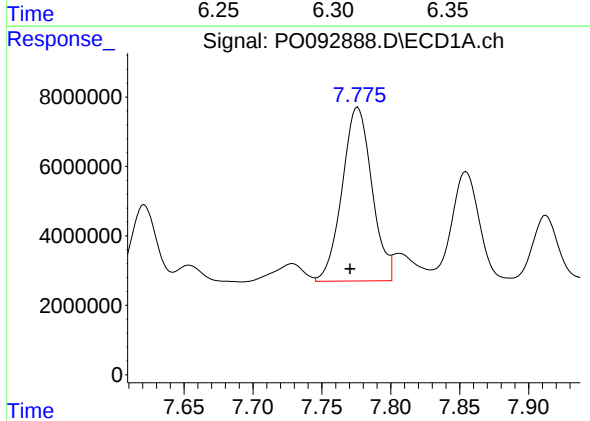
R.T.: 7.354 min
Delta R.T.: 0.006 min
Response: 7896118
Conc: 76.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



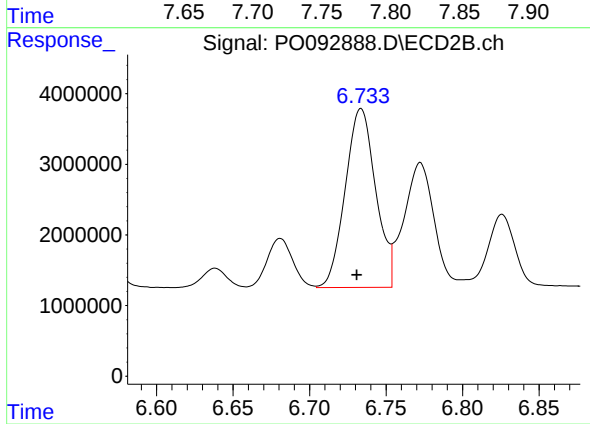
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.002 min
Response: 1701387
Conc: 32.97 ng/ml



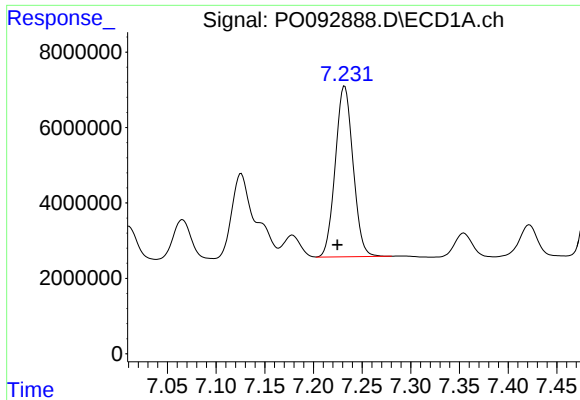
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: 0.006 min
Response: 75206283
Conc: 613.41 ng/ml



#30 AR-1254-5

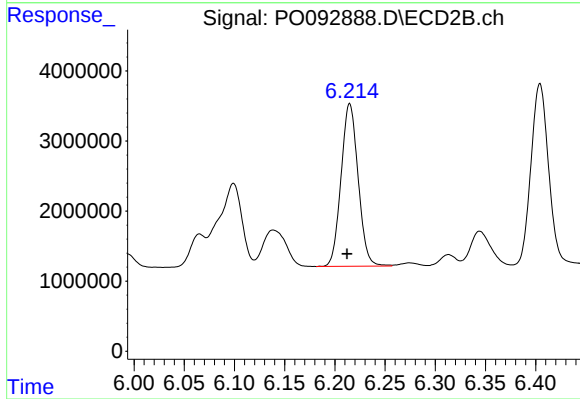
R.T.: 6.734 min
Delta R.T.: 0.003 min
Response: 35134844
Conc: 432.74 ng/ml



#31 AR-1260-1

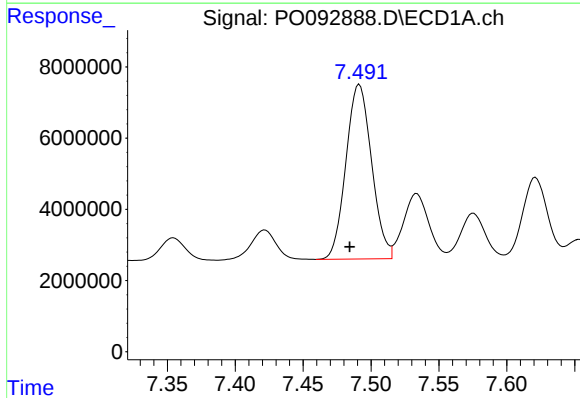
R.T.: 7.232 min
Delta R.T.: 0.007 min
Response: 57542281
Conc: 471.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



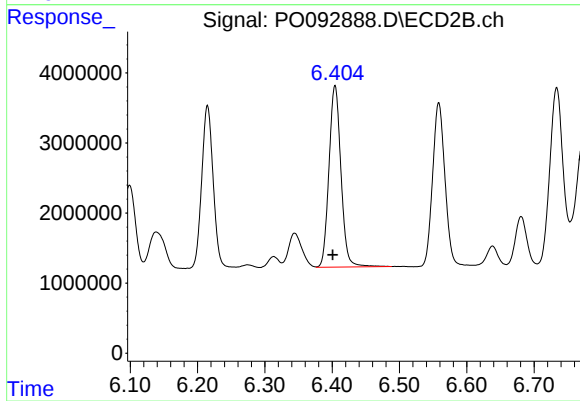
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: 0.003 min
Response: 27498506
Conc: 403.63 ng/ml



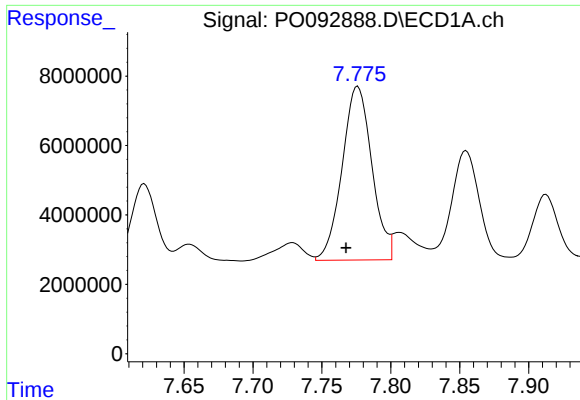
#32 AR-1260-2

R.T.: 7.491 min
Delta R.T.: 0.007 min
Response: 64502484
Conc: 438.85 ng/ml



#32 AR-1260-2

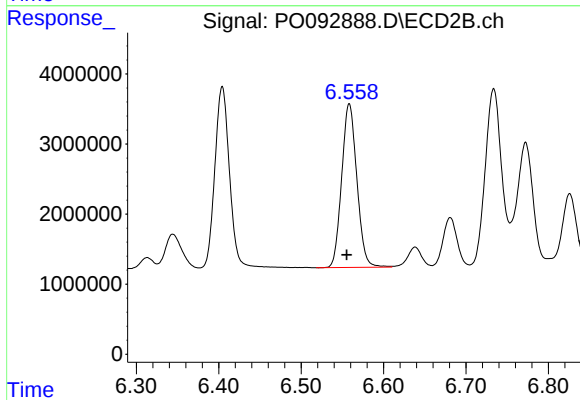
R.T.: 6.404 min
Delta R.T.: 0.004 min
Response: 32034407
Conc: 398.52 ng/ml



#33 AR-1260-3

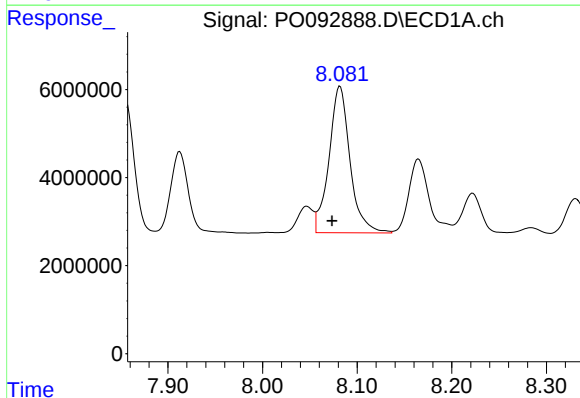
R.T.: 7.776 min
Delta R.T.: 0.008 min
Response: 75206283
Conc: 478.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



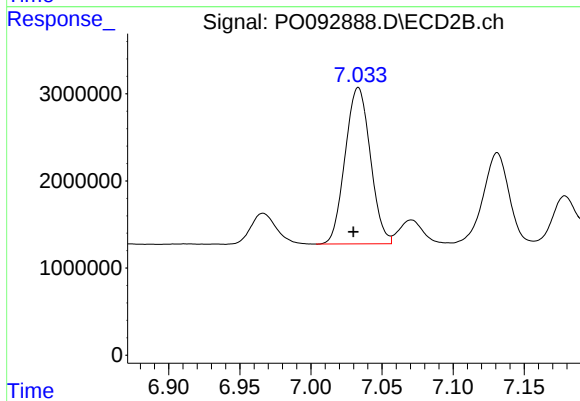
#33 AR-1260-3

R.T.: 6.558 min
Delta R.T.: 0.003 min
Response: 29894366
Conc: 370.34 ng/ml



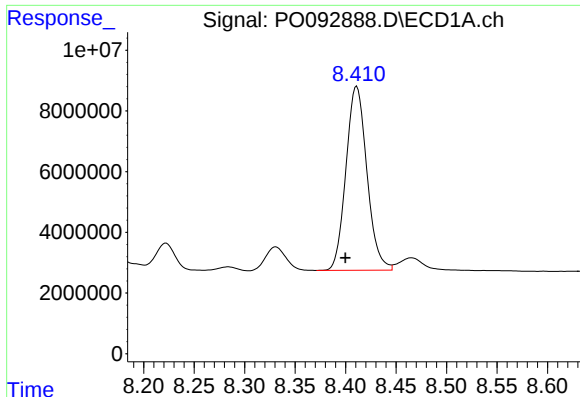
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: 0.008 min
Response: 51462736
Conc: 439.34 ng/ml



#34 AR-1260-4

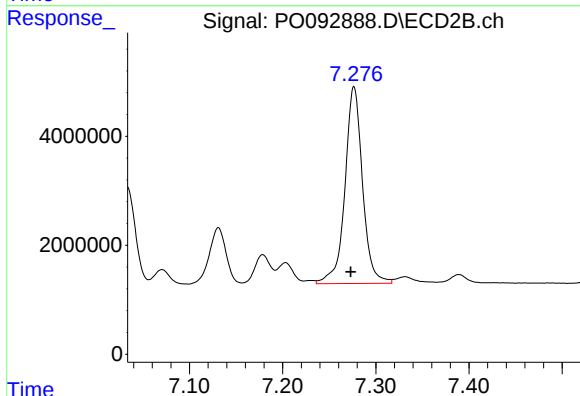
R.T.: 7.033 min
Delta R.T.: 0.004 min
Response: 22182253
Conc: 364.41 ng/ml



#35 AR-1260-5

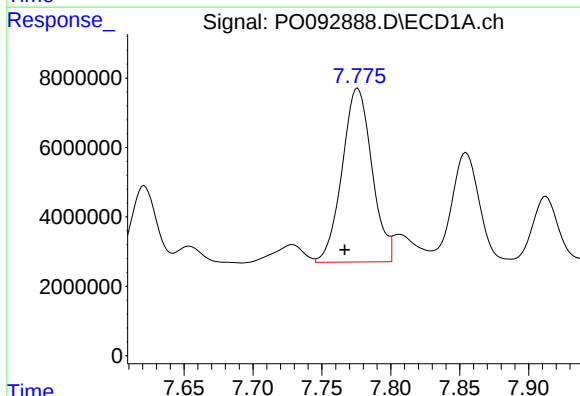
R.T.: 8.411 min
Delta R.T.: 0.011 min
Response: 87669517
Conc: 422.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



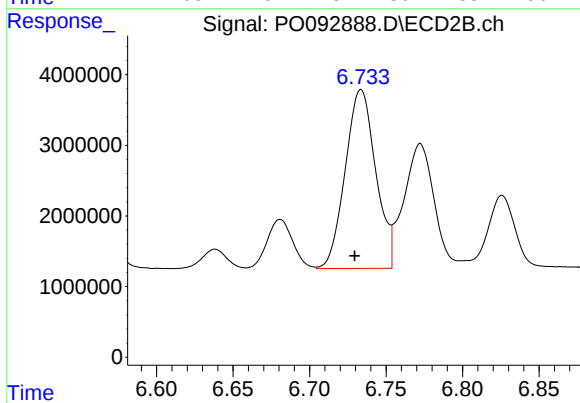
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.004 min
Response: 47469481
Conc: 371.82 ng/ml



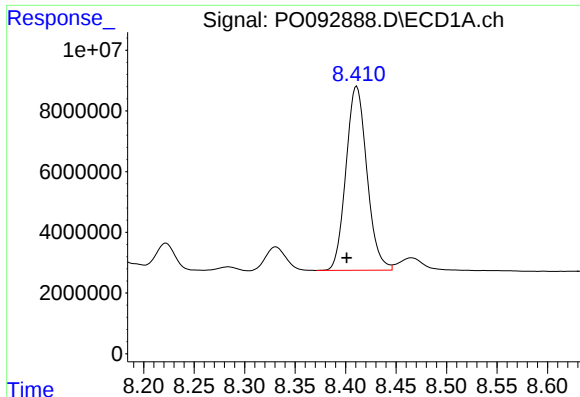
#36 AR-1262-1

R.T.: 7.776 min
Delta R.T.: 0.009 min
Response: 75206283
Conc: 780.30 ng/ml



#36 AR-1262-1

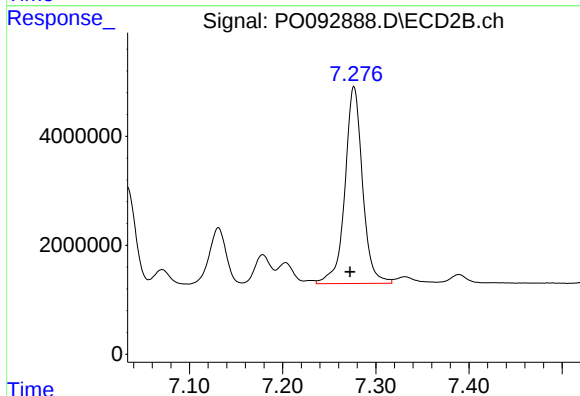
R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 35134844
Conc: 840.55 ng/ml



#37 AR-1262-2

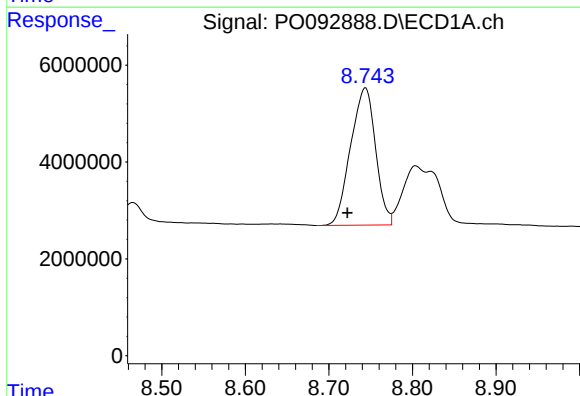
R.T.: 8.411 min
Delta R.T.: 0.010 min
Response: 87669517
Conc: 373.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



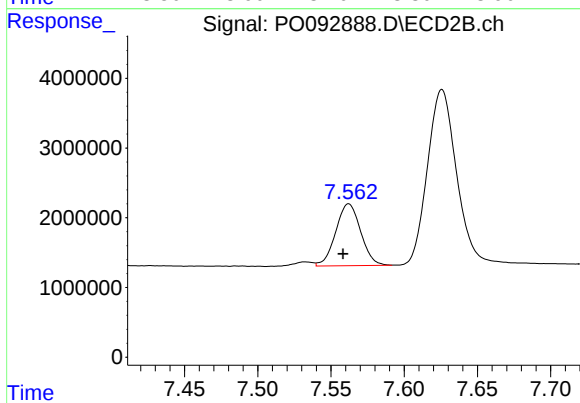
#37 AR-1262-2

R.T.: 7.277 min
Delta R.T.: 0.004 min
Response: 47469481
Conc: 359.64 ng/ml



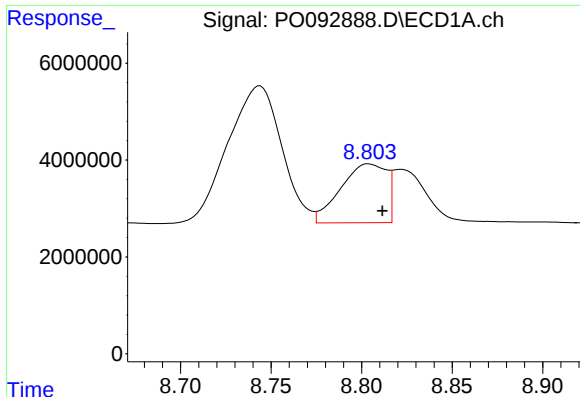
#38 AR-1262-3

R.T.: 8.744 min
Delta R.T.: 0.022 min
Response: 58799792
Conc: 350.71 ng/ml



#38 AR-1262-3

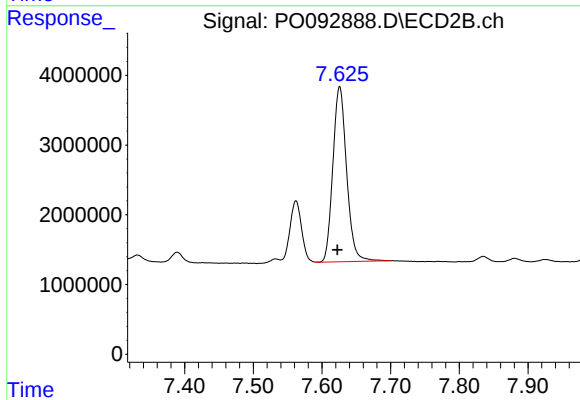
R.T.: 7.562 min
Delta R.T.: 0.004 min
Response: 10493636
Conc: 182.19 ng/ml



#39 AR-1262-4

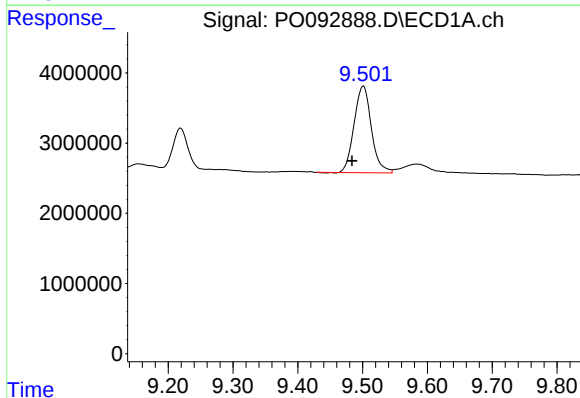
R.T.: 8.804 min
Delta R.T.: -0.008 min
Response: 21421424
Conc: 149.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



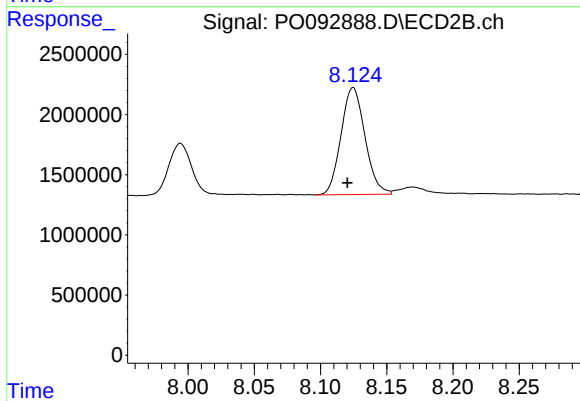
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: 0.003 min
Response: 34898284
Conc: 347.70 ng/ml



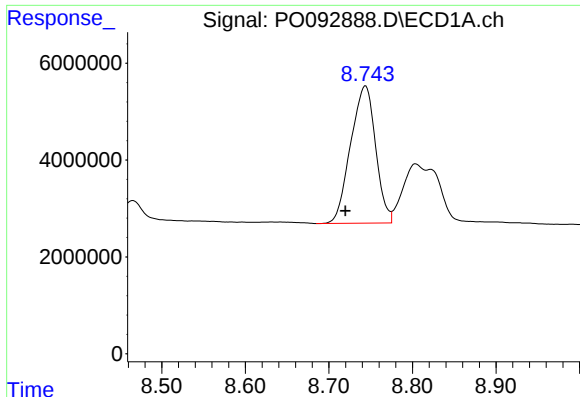
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: 0.017 min
Response: 22827080
Conc: 264.01 ng/ml



#40 AR-1262-5

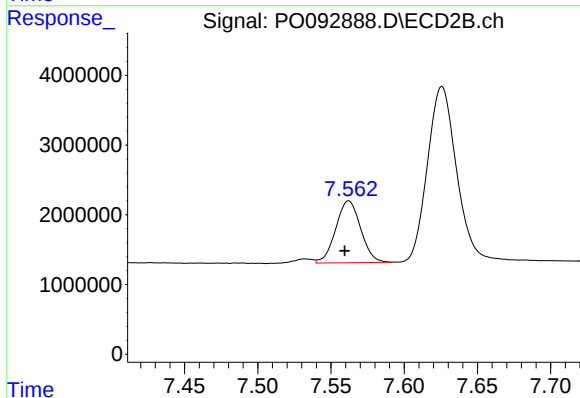
R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 11187903
Conc: 243.78 ng/ml



#41 AR-1268-1

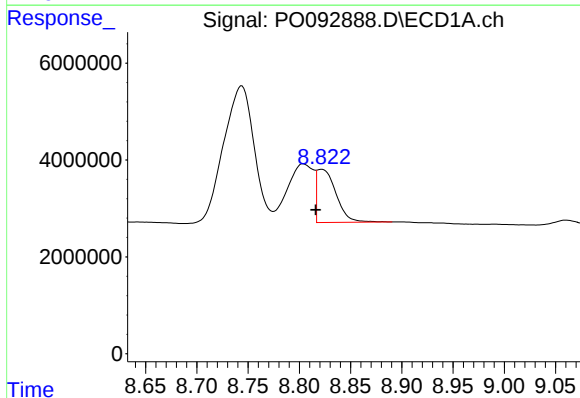
R.T.: 8.744 min
Delta R.T.: 0.024 min
Response: 58799792
Conc: 188.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



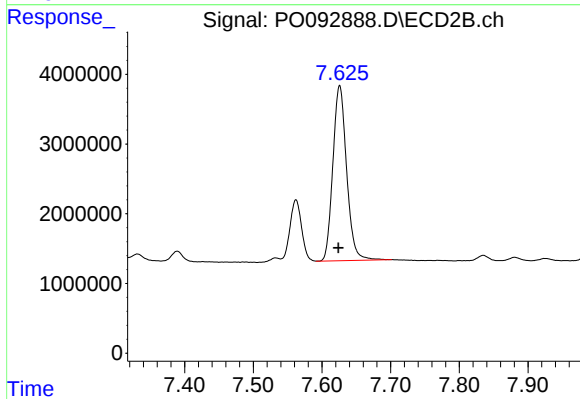
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.003 min
Response: 10493636
Conc: 61.07 ng/ml



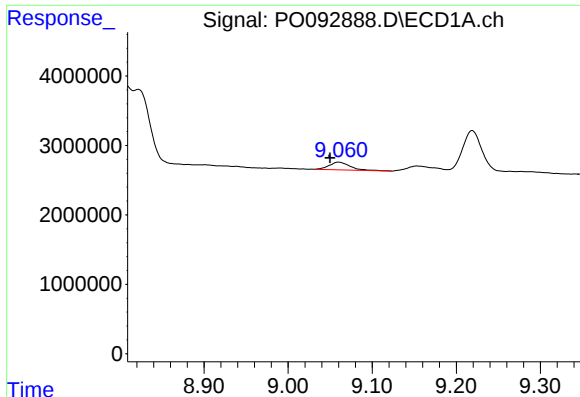
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.006 min
Response: 14359242
Conc: 48.55 ng/ml



#42 AR-1268-2

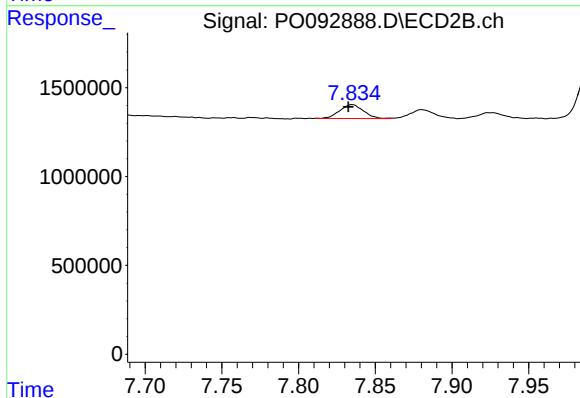
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 34898284
Conc: 229.25 ng/ml



#43 AR-1268-3

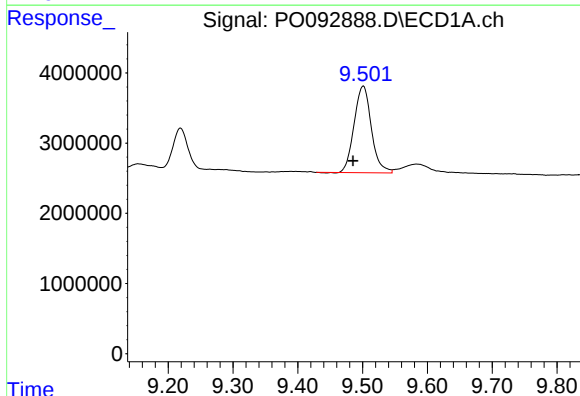
R.T.: 9.060 min
Delta R.T.: 0.010 min
Response: 1883817
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



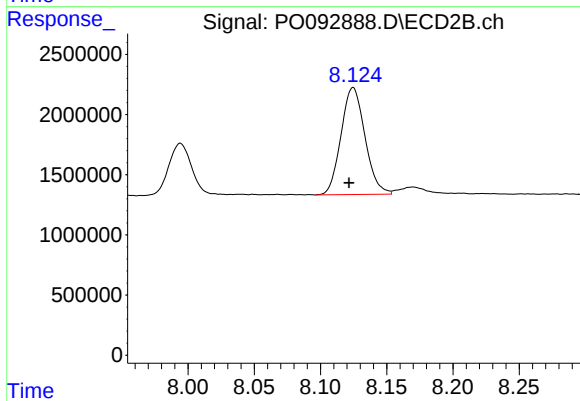
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: 0.003 min
Response: 842656
Conc: 6.30 ng/ml



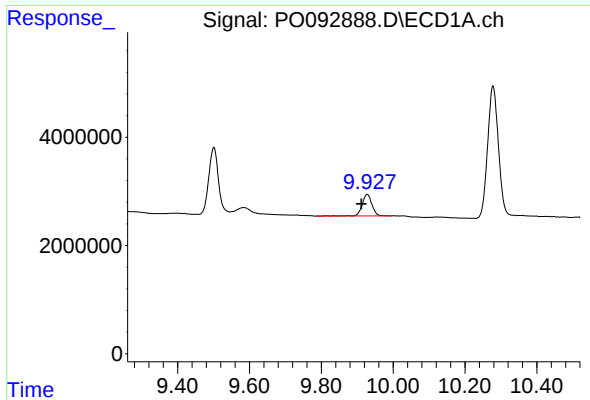
#44 AR-1268-4

R.T.: 9.501 min
Delta R.T.: 0.016 min
Response: 22827080
Conc: 240.12 ng/ml



#44 AR-1268-4

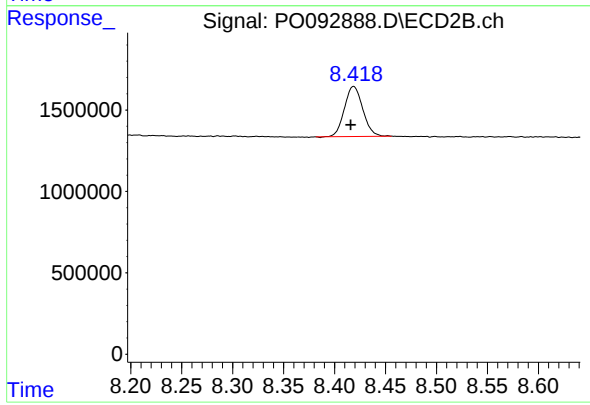
R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 11187903
Conc: 207.06 ng/ml



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: 0.016 min
Response: 7525872
Conc: 10.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.003 min
Response: 3856132
Conc: 10.55 ng/ml