

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071922\
 Data File : P0088168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2022 23:30
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 00:39:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.446	3.603	122.5E6	45413766	48.027	48.134
2)	SA Decachlor...	10.294	8.605	86485497	42604206	40.724	40.768
Target Compounds							
3)	L1 AR-1016-1	5.622	4.683	35842287	18004982	408.676	500.413
4)	L1 AR-1016-2	5.645	4.702	50795450	24736531	404.862	484.130
5)	L1 AR-1016-3	5.707	4.878	31905184	13900097	411.316	500.700
6)	L1 AR-1016-4	5.807	4.920	25526648	11493251	413.905	494.085
7)	L1 AR-1016-5	6.104	5.132	27000416	15218341	435.045	514.217
8)	L2 AR-1221-1	4.648	3.815	4401610	1655983	145.468	158.292
9)	L2 AR-1221-2	4.742	3.901	6348107	2415279	286.392	304.546
10)	L2 AR-1221-3	4.818	3.976	22893397	8994554	332.207	351.077
11)	L3 AR-1232-1	4.818	3.976	22893397	8994554	440.549	464.937
12)	L3 AR-1232-2	5.157	4.702	29879980	24736531	1165.507	1254.298
13)	L3 AR-1232-3	5.645	4.878	50795450	13900097	1056.295	1365.081 #
14)	L3 AR-1232-4	5.807	4.961	25526648	14189057	1097.636	1460.672 #
15)	L3 AR-1232-5	5.898	5.132	23555549	15218341	1212.380	1399.261
16)	L4 AR-1242-1	5.622	4.683	35842287	18004982	525.014	618.873
17)	L4 AR-1242-2	5.645	4.702	50795450	24736531	524.391	610.753
18)	L4 AR-1242-3	5.707	4.878	31905184	13900097	525.857	629.094
19)	L4 AR-1242-4	5.807	4.961	25526648	14189057	529.965	606.851
20)	L4 AR-1242-5	6.549	5.485	4324006	10881622	82.106	406.017 #
21)	L5 AR-1248-1	5.622	4.683	35842287	18004982	670.848	786.029
22)	L5 AR-1248-2	5.898	4.920	23555549	11493251	303.160	340.718
23)	L5 AR-1248-3	6.104	4.961	27000416	14189057	322.549	408.279 #
24)	L5 AR-1248-4	6.509	5.132	4415332	15218341	48.041	363.510 #
25)	L5 AR-1248-5	6.549	5.525	4324006	1530346	48.078	42.475
26)	L6 AR-1254-1	6.484	5.485	22158179	10881622	233.703	188.737
27)	L6 AR-1254-2	6.702	5.632	23354233	10036164	162.680	195.731
28)	L6 AR-1254-3	7.071	6.050	12599279	17035684	86.016	209.929 #
29)	L6 AR-1254-4	7.358	6.264	7501124	1882428	69.309	37.744 #
30)	L6 AR-1254-5	7.778	6.681	59398919	33083075	493.538	438.039
31)	L7 AR-1260-1	7.237	6.166	47315733	23784551	406.643	438.845
32)	L7 AR-1260-2	7.495	6.354	51599953	28517700	381.901	439.192
33)	L7 AR-1260-3	7.856	6.507	33984713	26536397	371.213	426.615
34)	L7 AR-1260-4	8.082	6.979	40723076	20414998	376.985	431.605
35)	L7 AR-1260-5	8.411	7.222	76709869	47334396	373.827	413.699
36)	L8 AR-1262-1	7.856	6.773	33984713	11483025	247.402	378.859 #
37)	L8 AR-1262-2	8.411	7.222	76709869	47334396	325.960	352.283
38)	L8 AR-1262-3	8.746	7.505	52070456	9853615	314.169	180.683 #
39)	L8 AR-1262-4	8.806	7.568	30025543	34605021	359.671	342.069
40)	L8 AR-1262-5	9.506	8.063	23348930	11062942	261.993	225.250
41)	L9 AR-1268-1	8.746	7.505	52070456	9853615	184.111	62.190 #

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Acq On : 19 Jul 2022 23:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

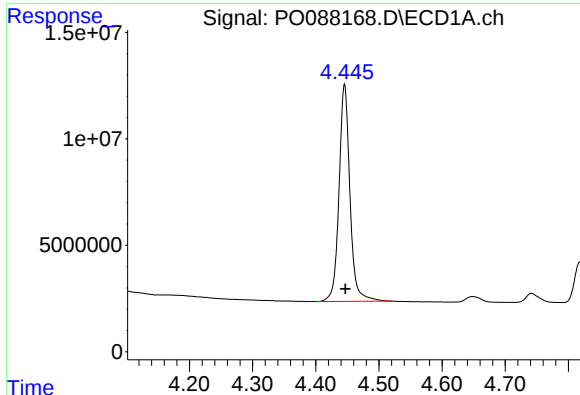
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 00:39:14 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 15 03:57:23 2022
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	8.806	7.568	30025543	34605021	115.483	240.578 #
43) L9	AR-1268-3	9.066	7.776	1806903	1325014	8.070	10.638 #
44) L9	AR-1268-4	9.506	8.063	23348930	11062942	238.144	206.213
45) L9	AR-1268-5	9.938	8.352	7256373	3749058	9.988	9.696

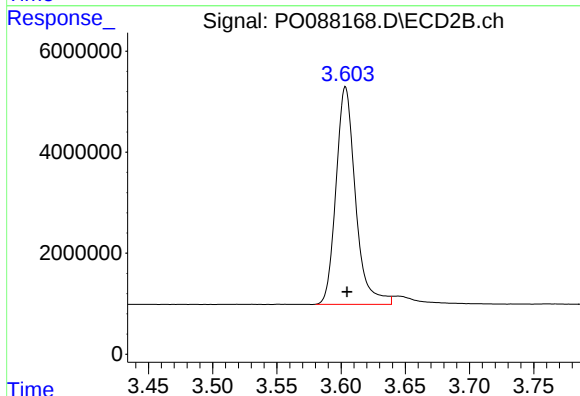
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

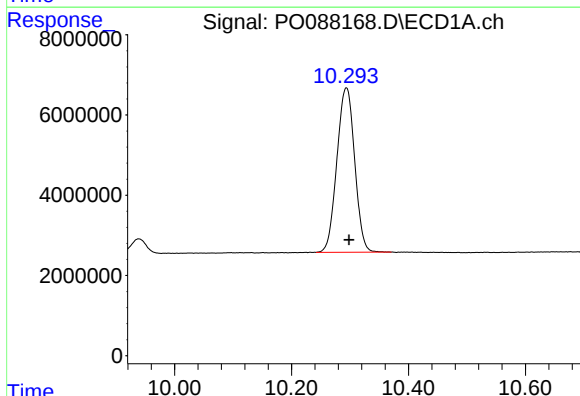
R.T.: 4.446 min
Delta R.T.: -0.001 min
Response: 122524689
Conc: 48.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



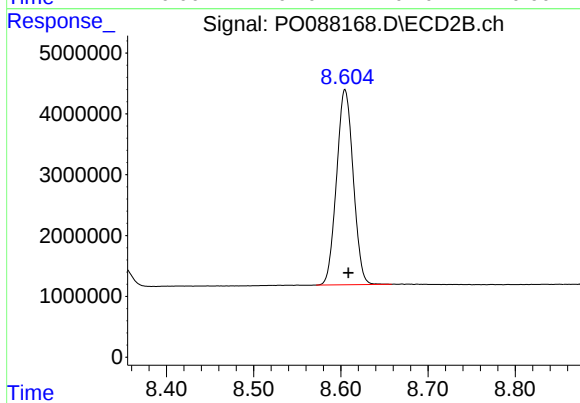
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 45413766
Conc: 48.13 ng/ml



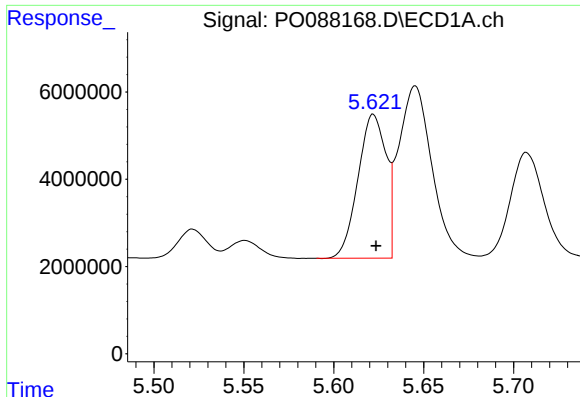
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: -0.004 min
Response: 86485497
Conc: 40.72 ng/ml



#2 Decachlorobiphenyl

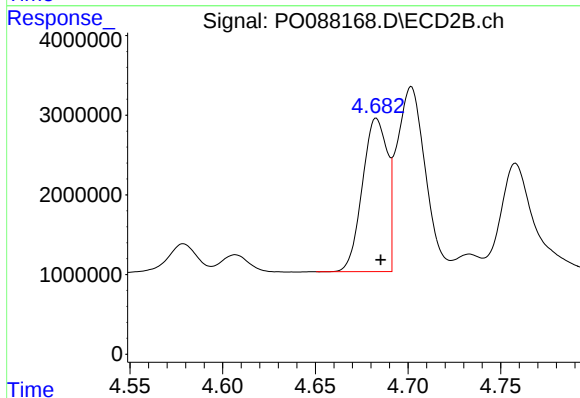
R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 42604206
Conc: 40.77 ng/ml



#3 AR-1016-1

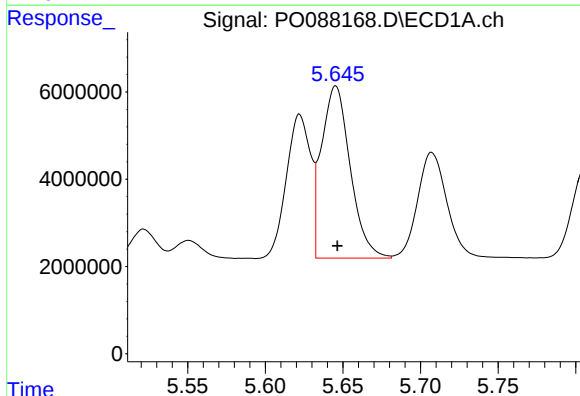
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 35842287
Conc: 408.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



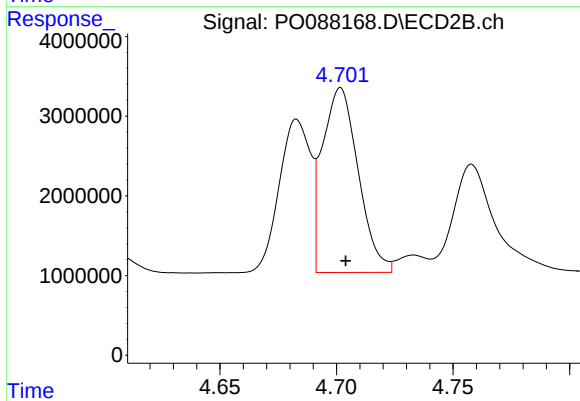
#3 AR-1016-1

R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 18004982
Conc: 500.41 ng/ml



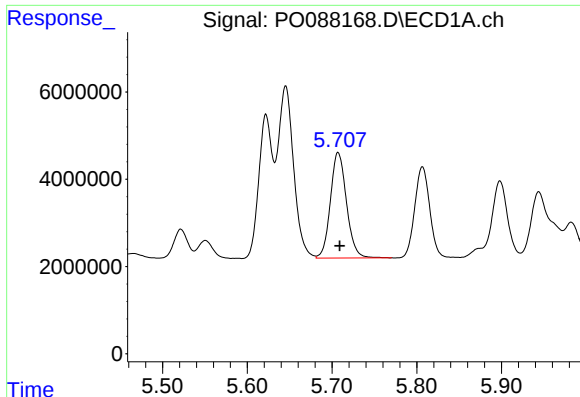
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 50795450
Conc: 404.86 ng/ml



#4 AR-1016-2

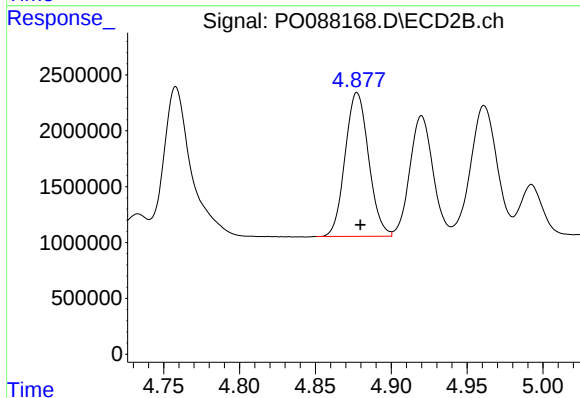
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 24736531
Conc: 484.13 ng/ml



#5 AR-1016-3

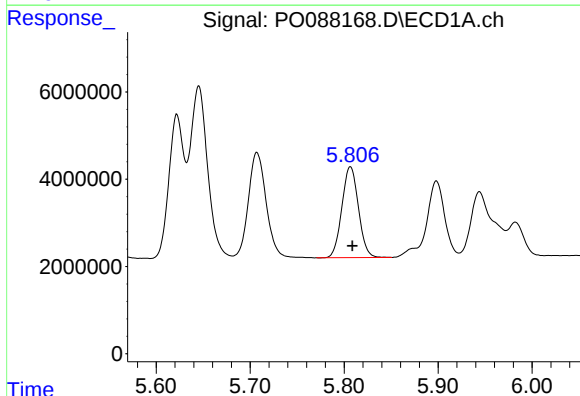
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 31905184
Conc: 411.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



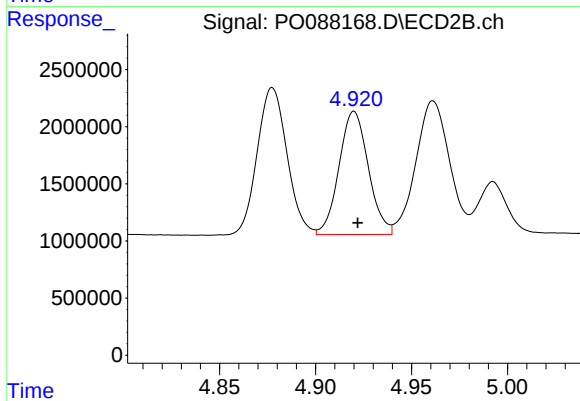
#5 AR-1016-3

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 13900097
Conc: 500.70 ng/ml



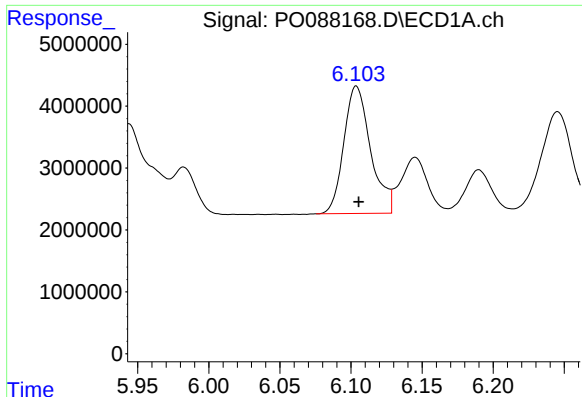
#6 AR-1016-4

R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 25526648
Conc: 413.91 ng/ml



#6 AR-1016-4

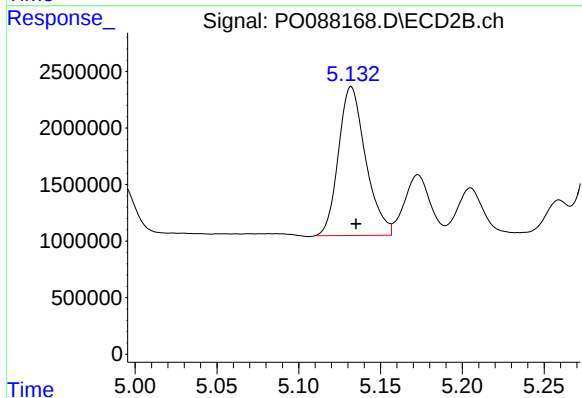
R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 11493251
Conc: 494.09 ng/ml



#7 AR-1016-5

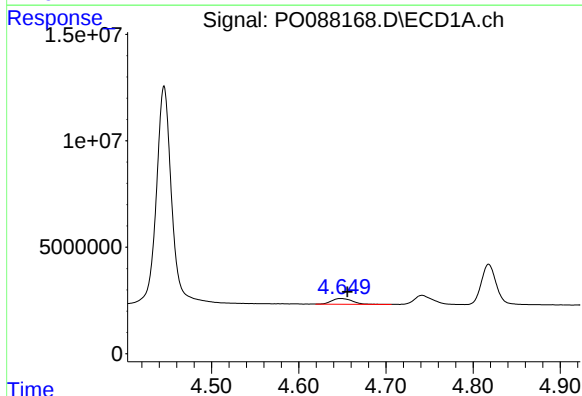
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 27000416
Conc: 435.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



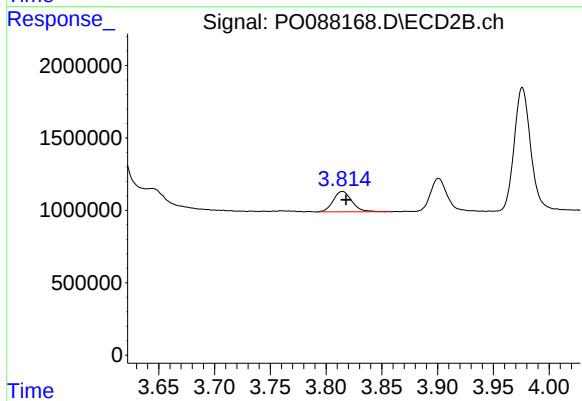
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 15218341
Conc: 514.22 ng/ml



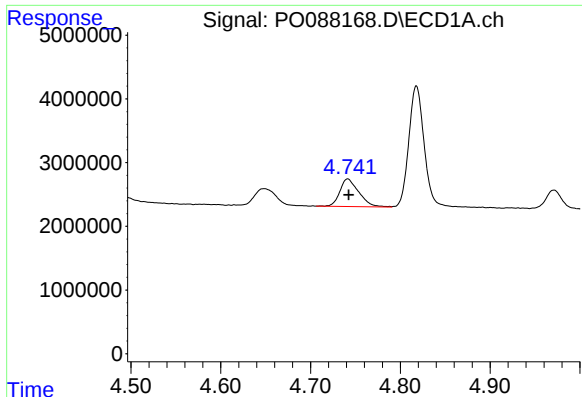
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 4401610
Conc: 145.47 ng/ml



#8 AR-1221-1

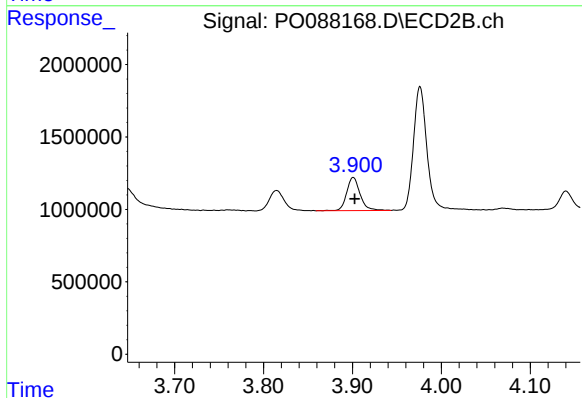
R.T.: 3.815 min
Delta R.T.: -0.003 min
Response: 1655983
Conc: 158.29 ng/ml



#9 AR-1221-2

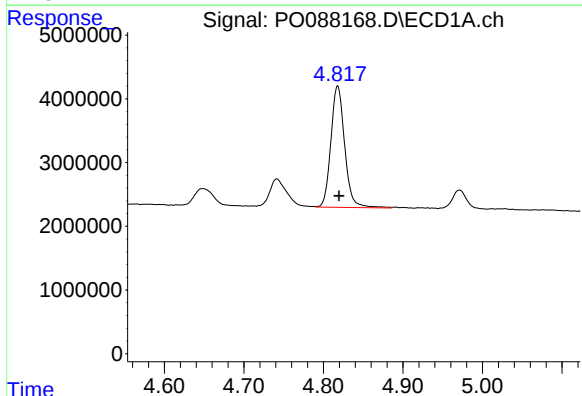
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 6348107
Conc: 286.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



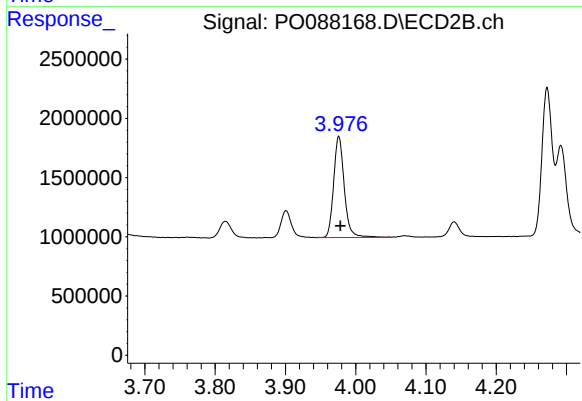
#9 AR-1221-2

R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 2415279
Conc: 304.55 ng/ml



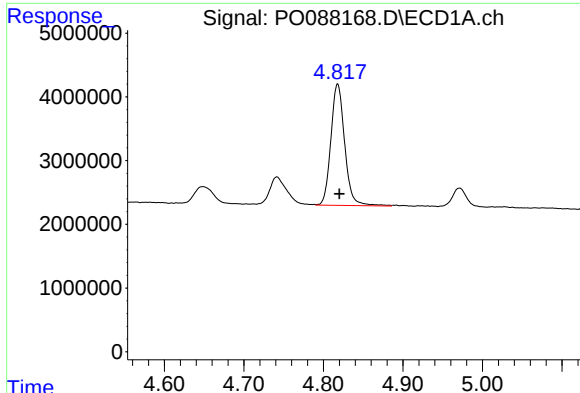
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 22893397
Conc: 332.21 ng/ml



#10 AR-1221-3

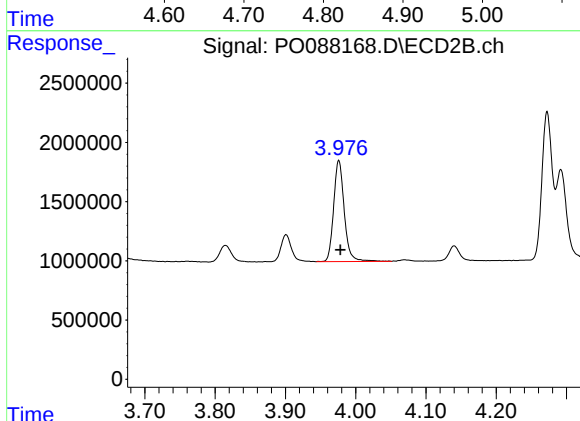
R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 8994554
Conc: 351.08 ng/ml



#11 AR-1232-1

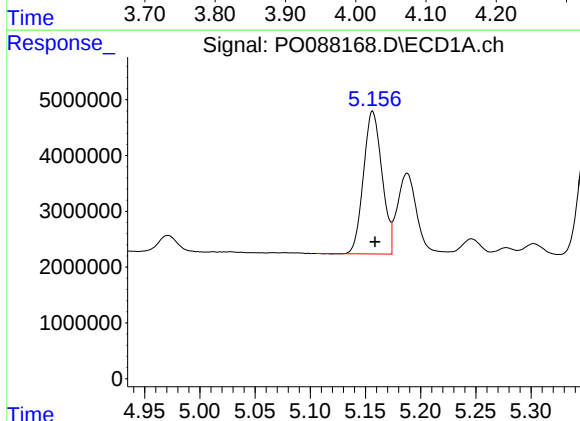
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 22893397
Conc: 440.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



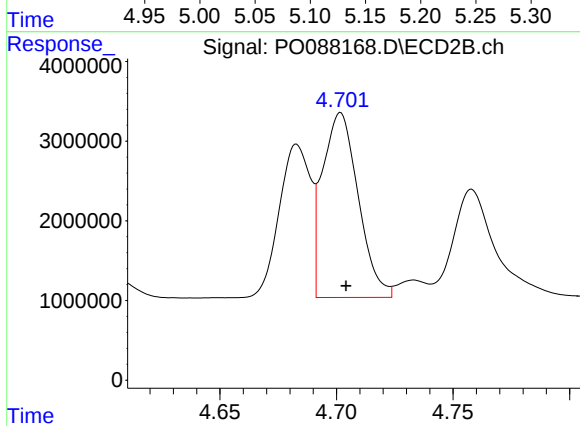
#11 AR-1232-1

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 8994554
Conc: 464.94 ng/ml



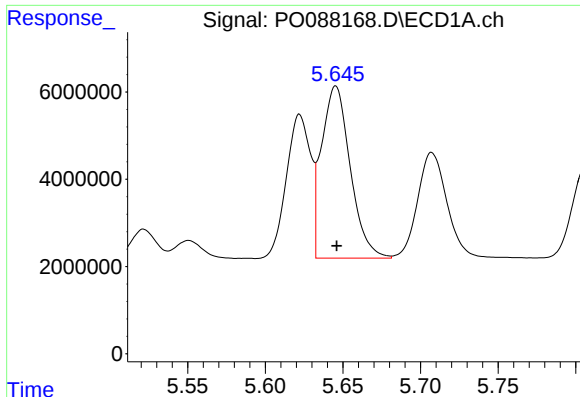
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 29879980
Conc: 1165.51 ng/ml



#12 AR-1232-2

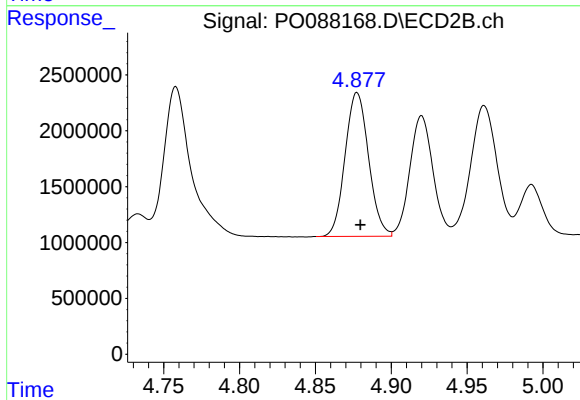
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 24736531
Conc: 1254.30 ng/ml



#13 AR-1232-3

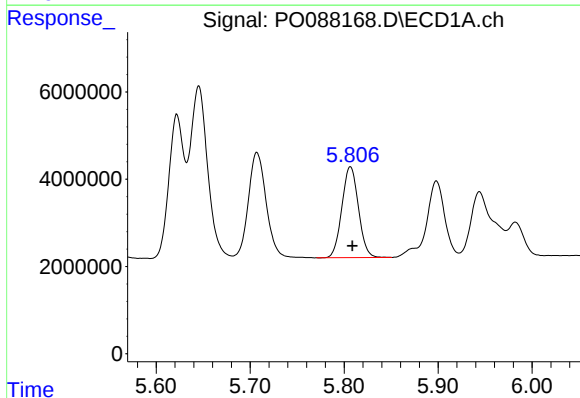
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 50795450
Conc: 1056.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



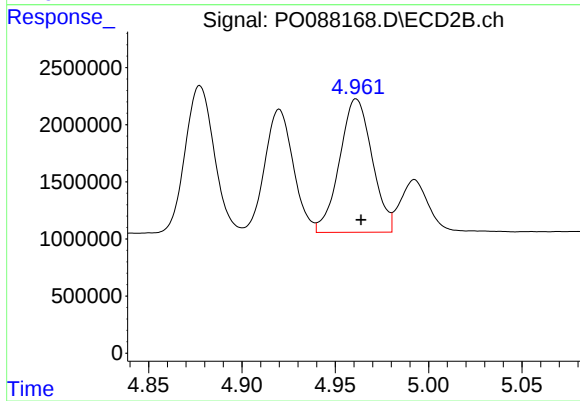
#13 AR-1232-3

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 13900097
Conc: 1365.08 ng/ml



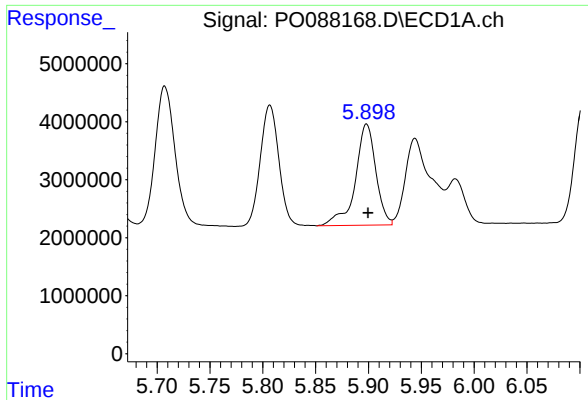
#14 AR-1232-4

R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 25526648
Conc: 1097.64 ng/ml



#14 AR-1232-4

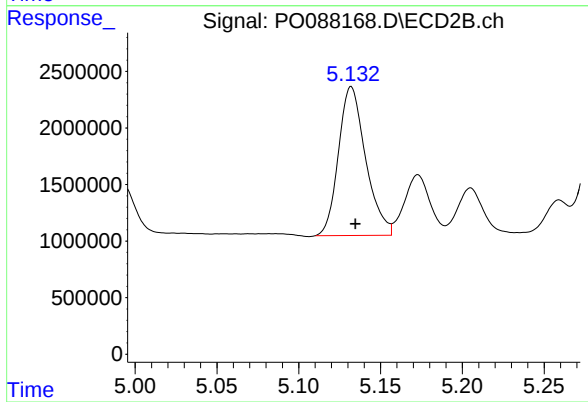
R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 14189057
Conc: 1460.67 ng/ml



#15 AR-1232-5

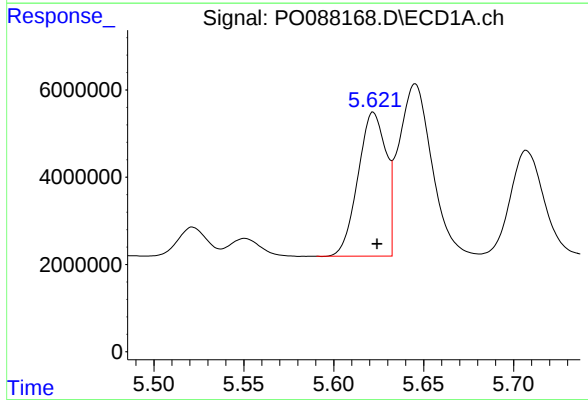
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 23555549
Conc: 1212.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



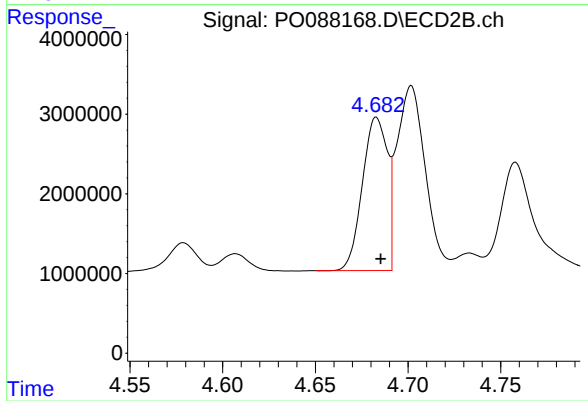
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 15218341
Conc: 1399.26 ng/ml



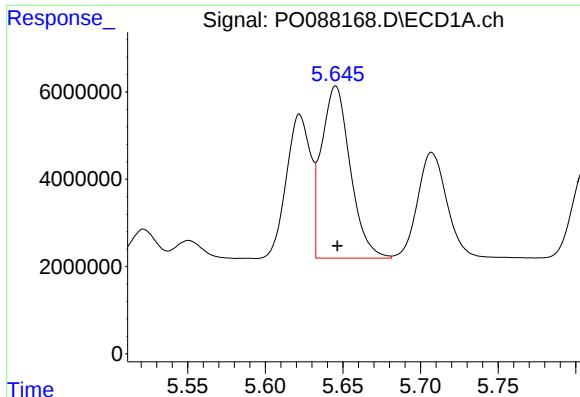
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 35842287
Conc: 525.01 ng/ml



#16 AR-1242-1

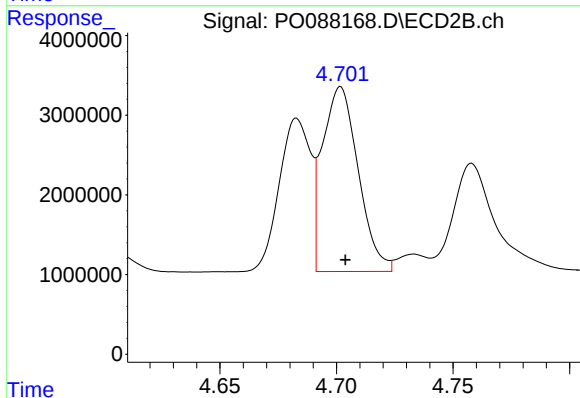
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 18004982
Conc: 618.87 ng/ml



#17 AR-1242-2

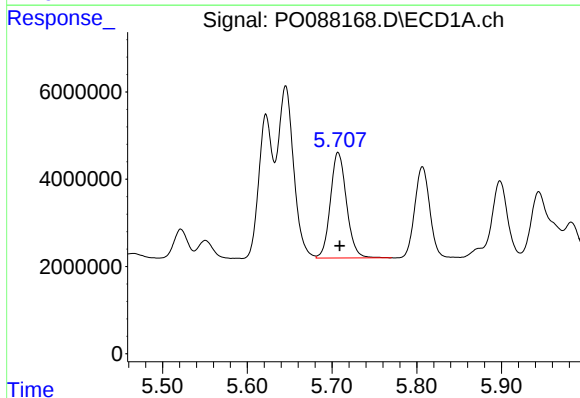
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 50795450
Conc: 524.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



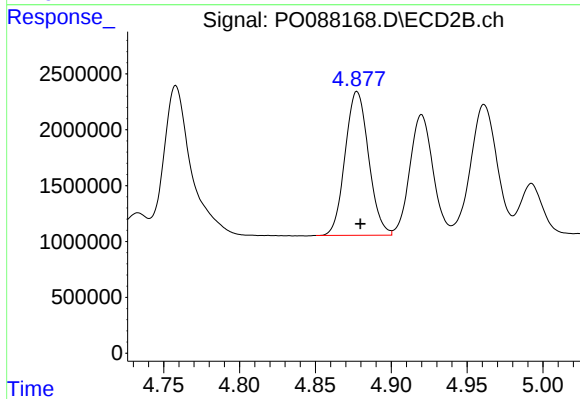
#17 AR-1242-2

R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 24736531
Conc: 610.75 ng/ml



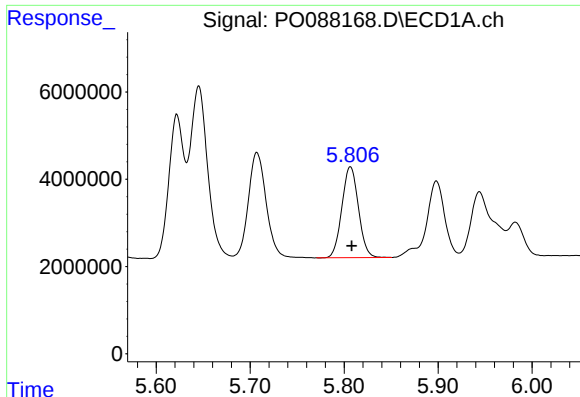
#18 AR-1242-3

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 31905184
Conc: 525.86 ng/ml



#18 AR-1242-3

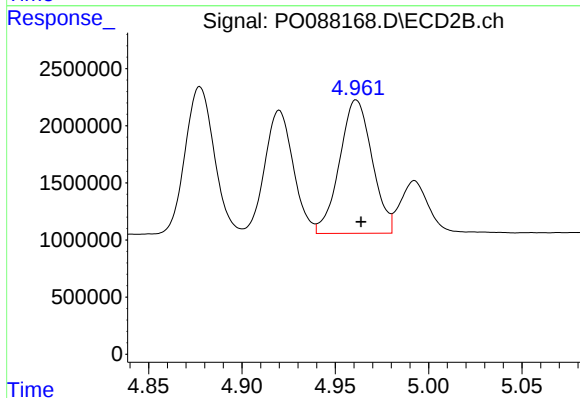
R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 13900097
Conc: 629.09 ng/ml



#19 AR-1242-4

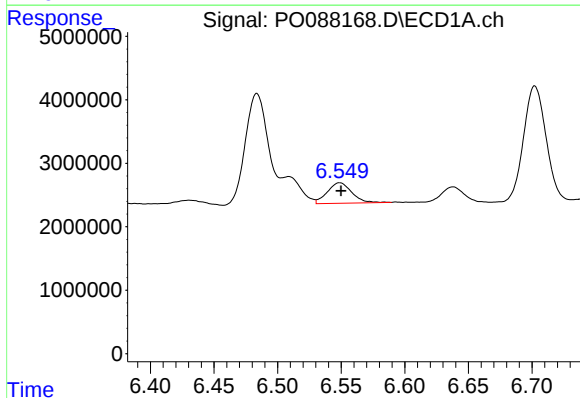
R.T.: 5.807 min
Delta R.T.: -0.001 min
Response: 25526648
Conc: 529.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



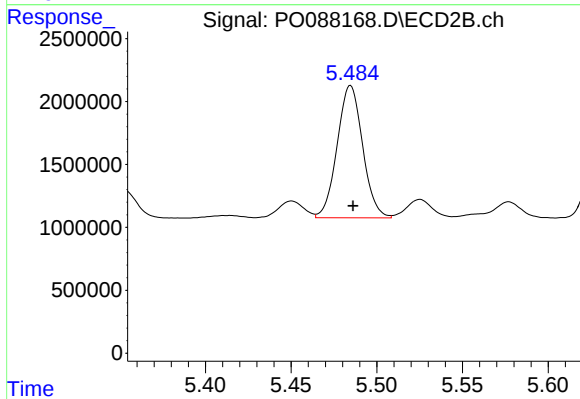
#19 AR-1242-4

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 14189057
Conc: 606.85 ng/ml



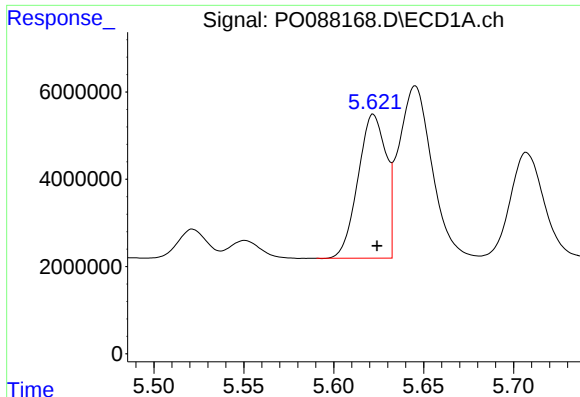
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 4324006
Conc: 82.11 ng/ml



#20 AR-1242-5

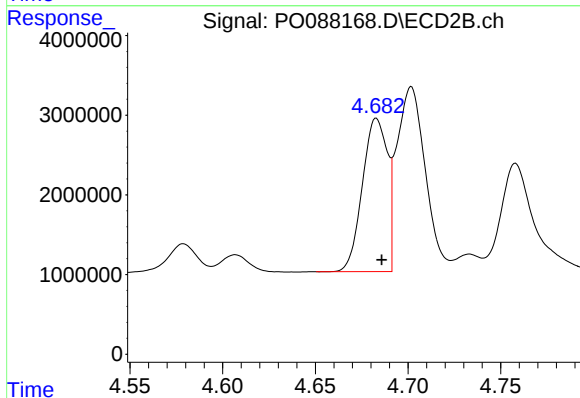
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 10881622
Conc: 406.02 ng/ml



#21 AR-1248-1

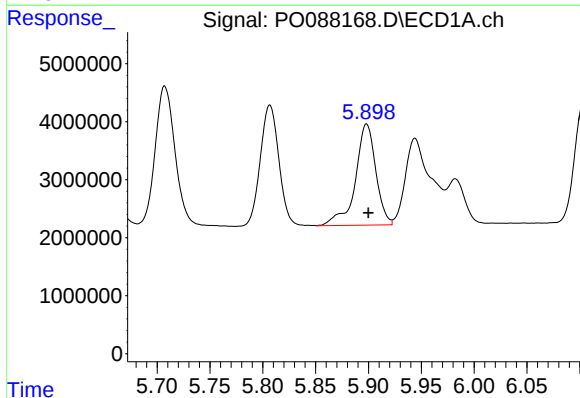
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 35842287
Conc: 670.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



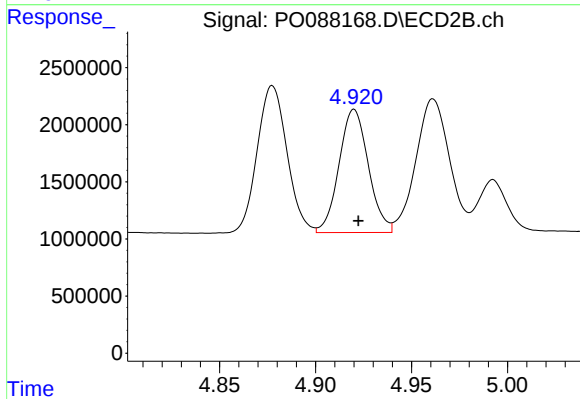
#21 AR-1248-1

R.T.: 4.683 min
Delta R.T.: -0.003 min
Response: 18004982
Conc: 786.03 ng/ml



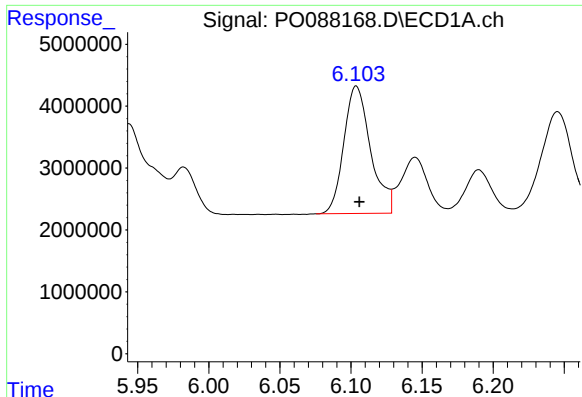
#22 AR-1248-2

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 23555549
Conc: 303.16 ng/ml



#22 AR-1248-2

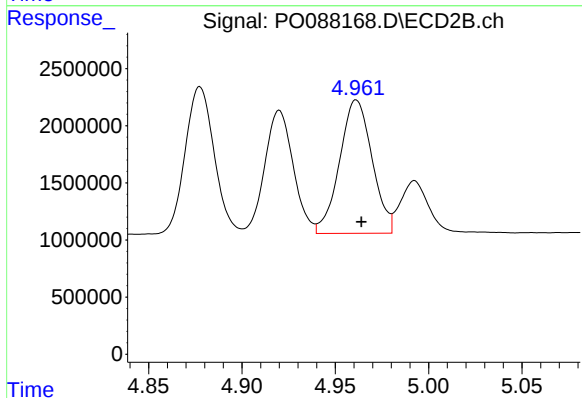
R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 11493251
Conc: 340.72 ng/ml



#23 AR-1248-3

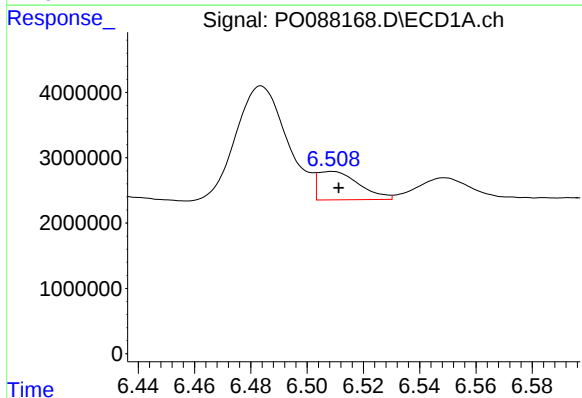
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 27000416
Conc: 322.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



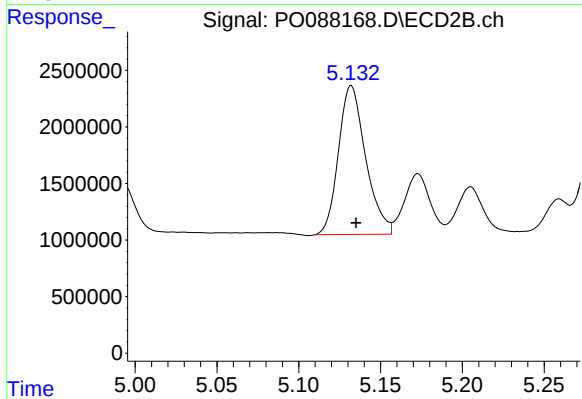
#23 AR-1248-3

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 14189057
Conc: 408.28 ng/ml



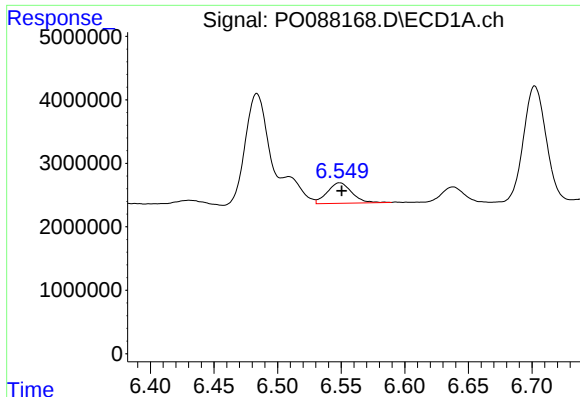
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 4415332
Conc: 48.04 ng/ml



#24 AR-1248-4

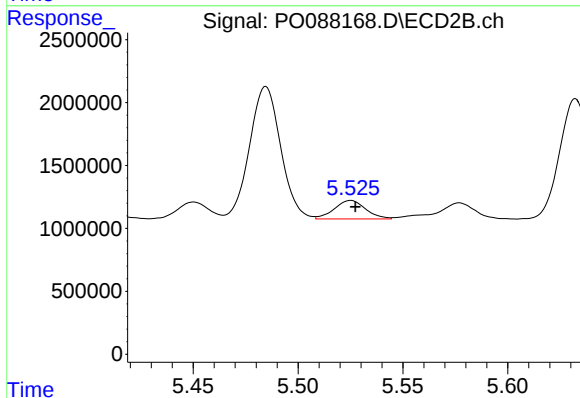
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 15218341
Conc: 363.51 ng/ml



#25 AR-1248-5

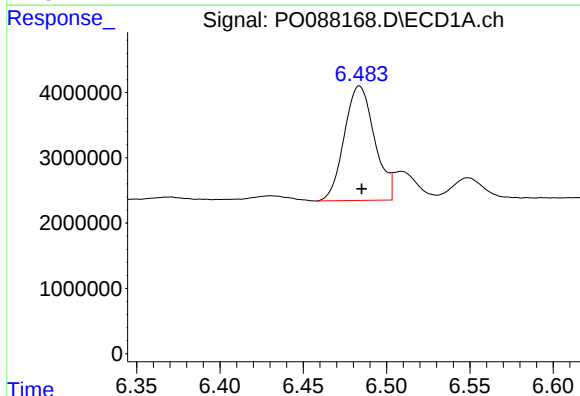
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 4324006
Conc: 48.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



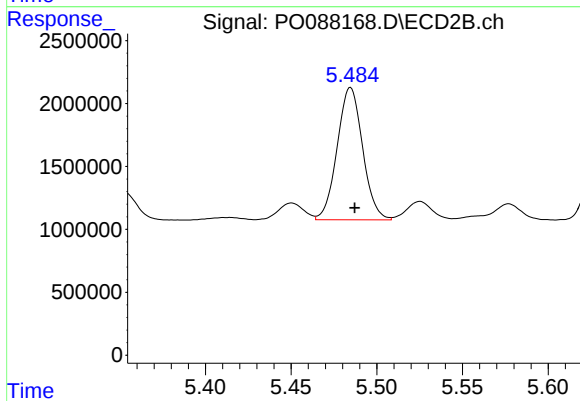
#25 AR-1248-5

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 1530346
Conc: 42.47 ng/ml



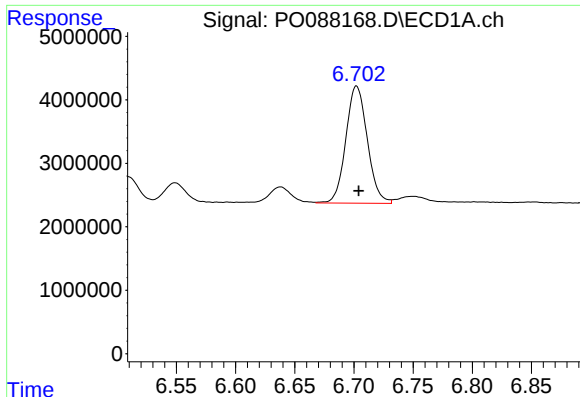
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 22158179
Conc: 233.70 ng/ml



#26 AR-1254-1

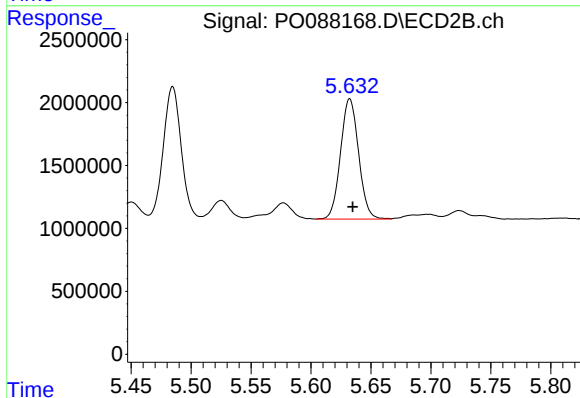
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 10881622
Conc: 188.74 ng/ml



#27 AR-1254-2

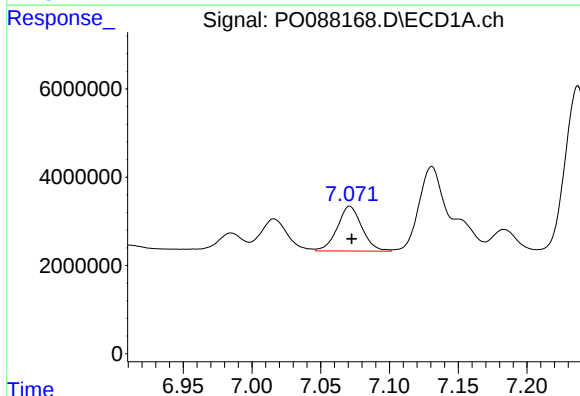
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 23354233
Conc: 162.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



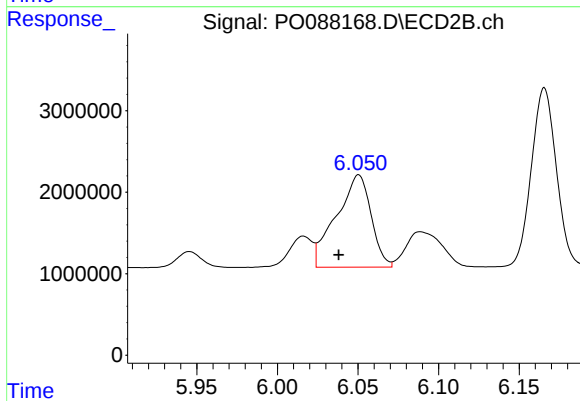
#27 AR-1254-2

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 10036164
Conc: 195.73 ng/ml



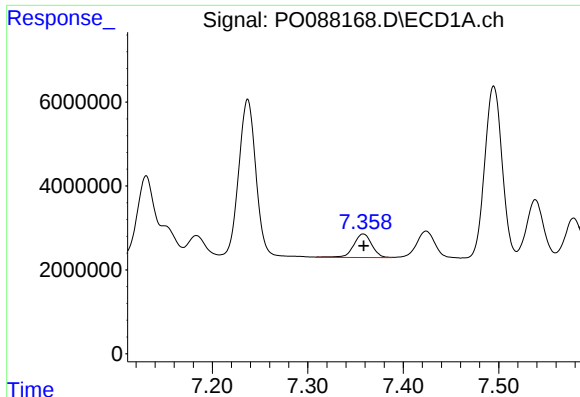
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 12599279
Conc: 86.02 ng/ml



#28 AR-1254-3

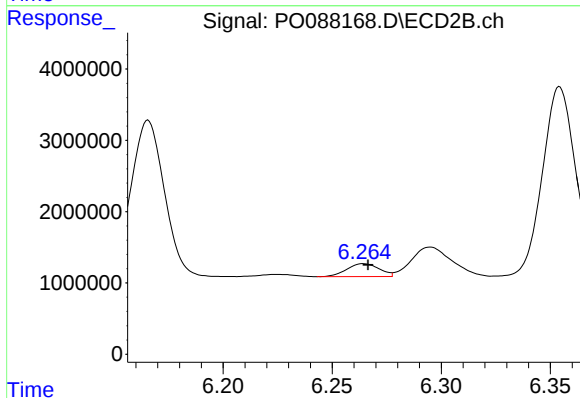
R.T.: 6.050 min
Delta R.T.: 0.012 min
Response: 17035684
Conc: 209.93 ng/ml



#29 AR-1254-4

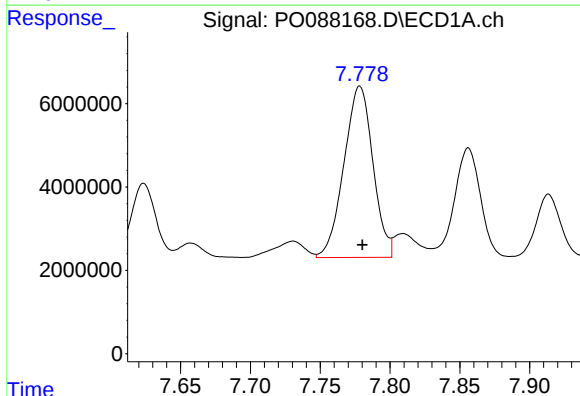
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 7501124
Conc: 69.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



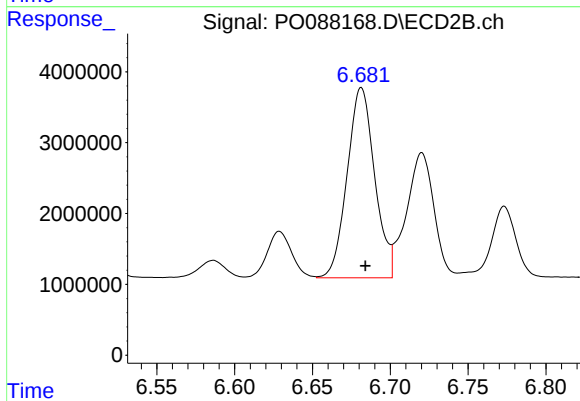
#29 AR-1254-4

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 1882428
Conc: 37.74 ng/ml



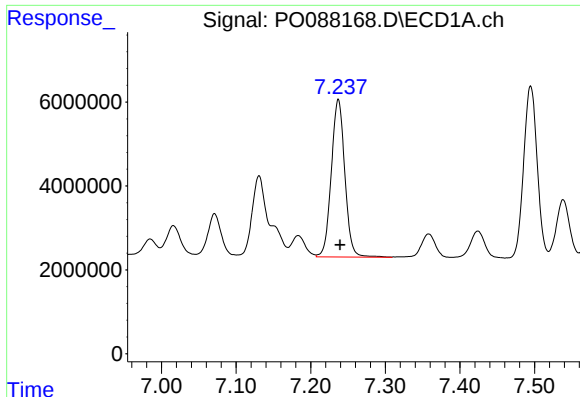
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 59398919
Conc: 493.54 ng/ml



#30 AR-1254-5

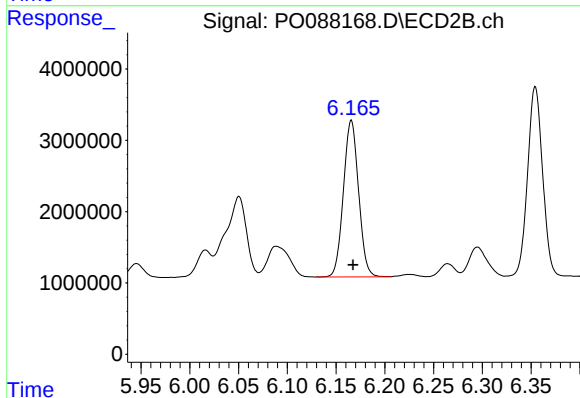
R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 33083075
Conc: 438.04 ng/ml



#31 AR-1260-1

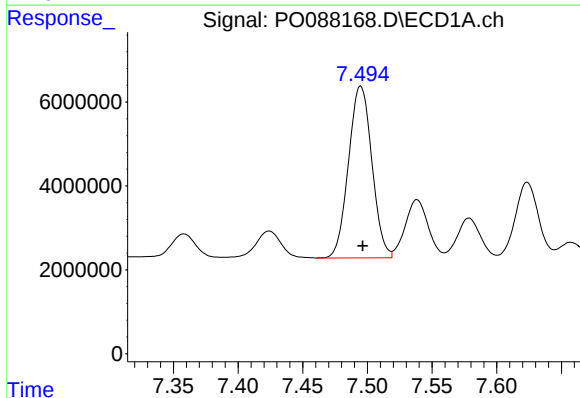
R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 47315733
Conc: 406.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



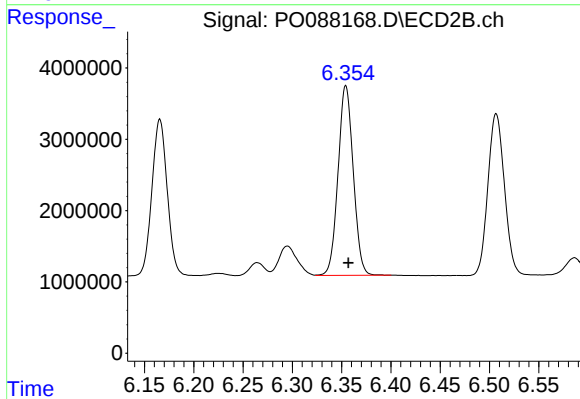
#31 AR-1260-1

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 23784551
Conc: 438.84 ng/ml



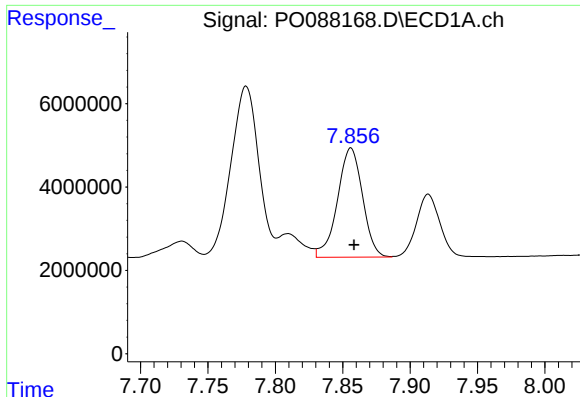
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 51599953
Conc: 381.90 ng/ml



#32 AR-1260-2

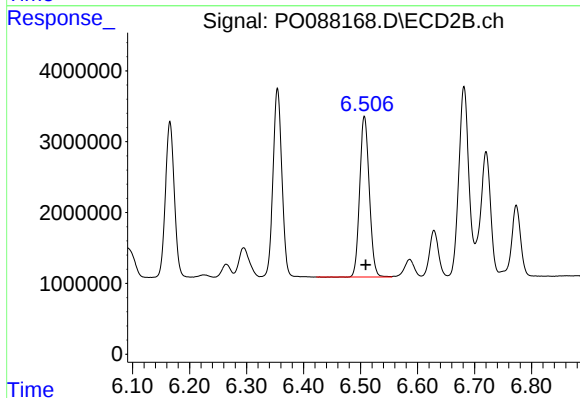
R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 28517700
Conc: 439.19 ng/ml



#33 AR-1260-3

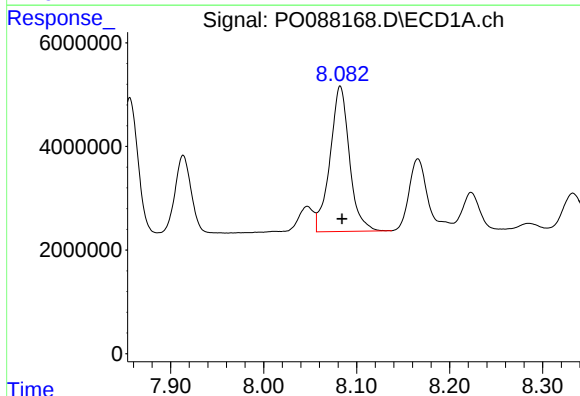
R.T.: 7.856 min
Delta R.T.: -0.002 min
Response: 33984713
Conc: 371.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



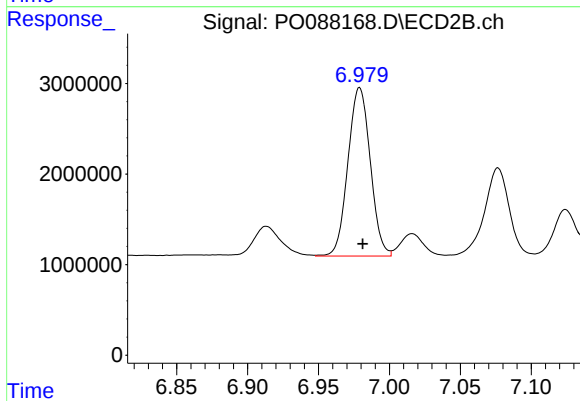
#33 AR-1260-3

R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 26536397
Conc: 426.62 ng/ml



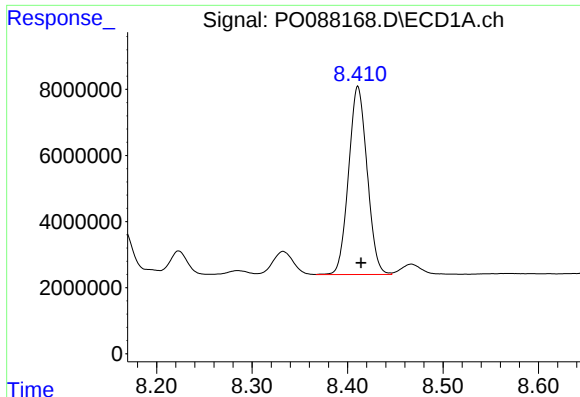
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.002 min
Response: 40723076
Conc: 376.99 ng/ml



#34 AR-1260-4

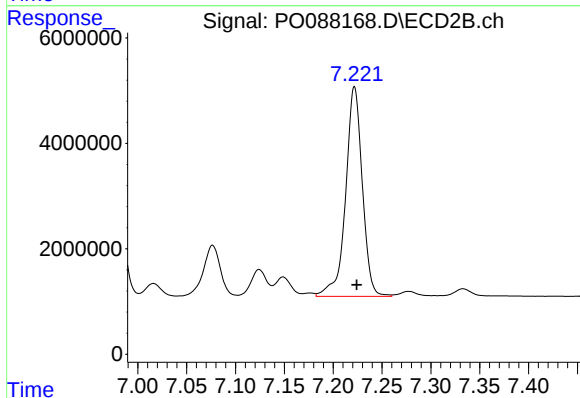
R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 20414998
Conc: 431.60 ng/ml



#35 AR-1260-5

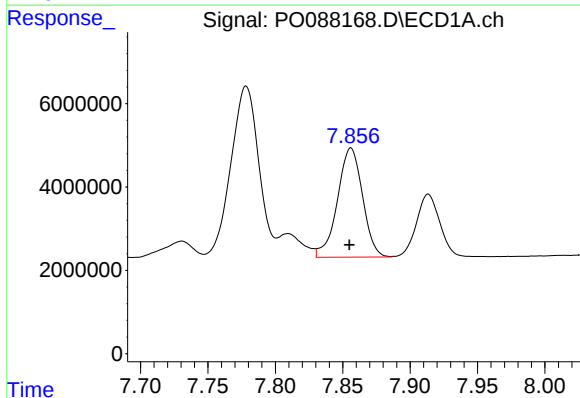
R.T.: 8.411 min
Delta R.T.: -0.003 min
Response: 76709869
Conc: 373.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



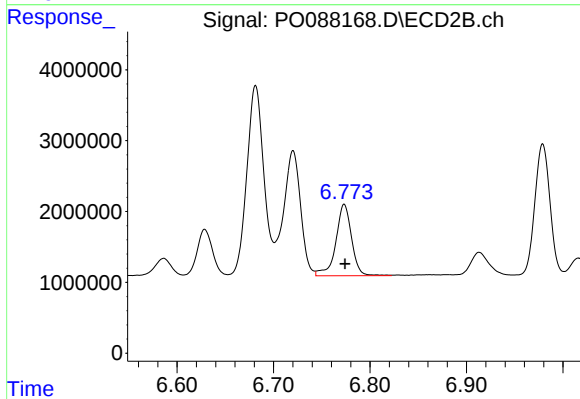
#35 AR-1260-5

R.T.: 7.222 min
Delta R.T.: -0.002 min
Response: 47334396
Conc: 413.70 ng/ml



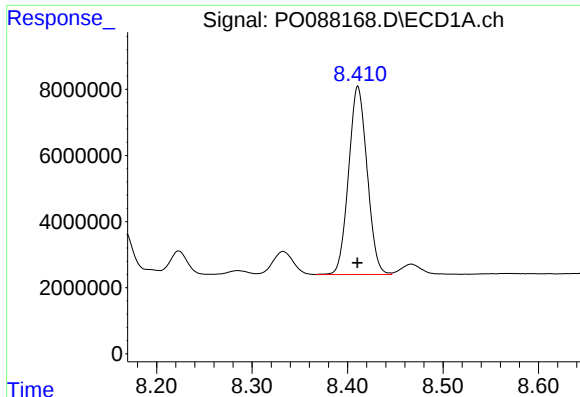
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: 0.001 min
Response: 33984713
Conc: 247.40 ng/ml



#36 AR-1262-1

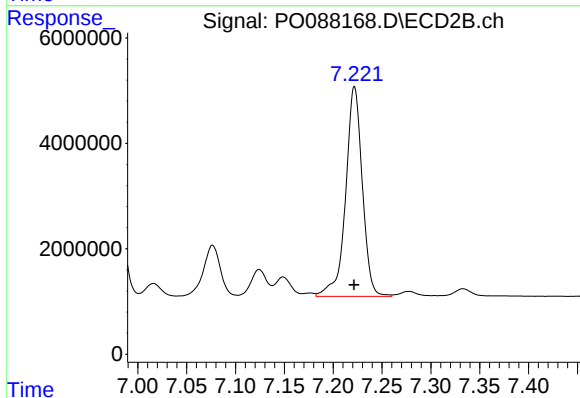
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 11483025
Conc: 378.86 ng/ml



#37 AR-1262-2

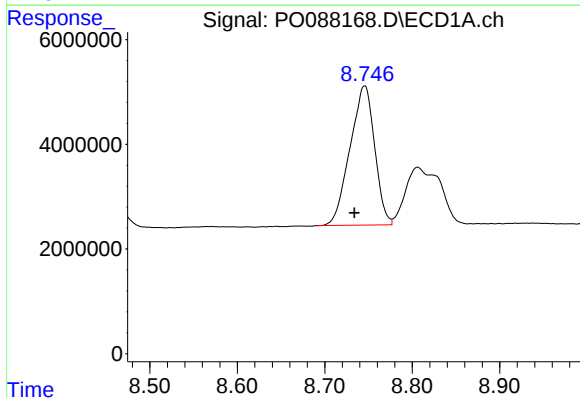
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 76709869
Conc: 325.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



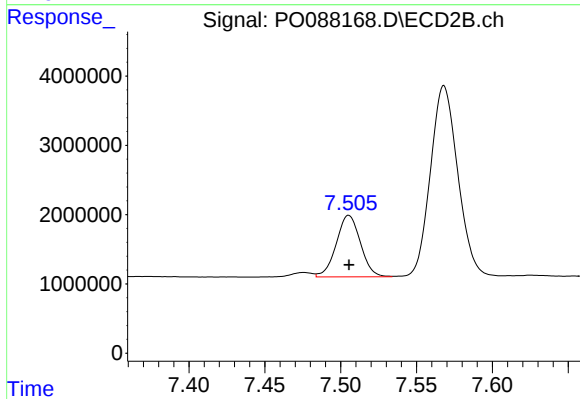
#37 AR-1262-2

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 47334396
Conc: 352.28 ng/ml



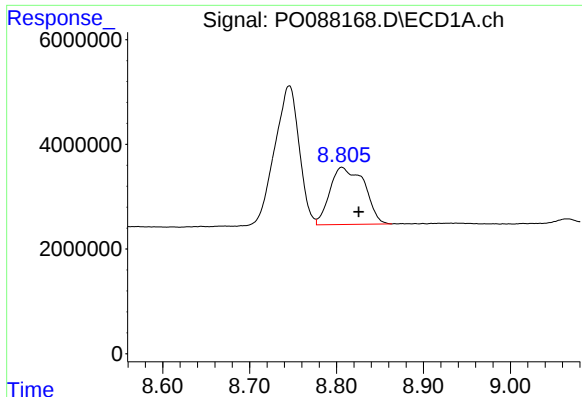
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.012 min
Response: 52070456
Conc: 314.17 ng/ml



#38 AR-1262-3

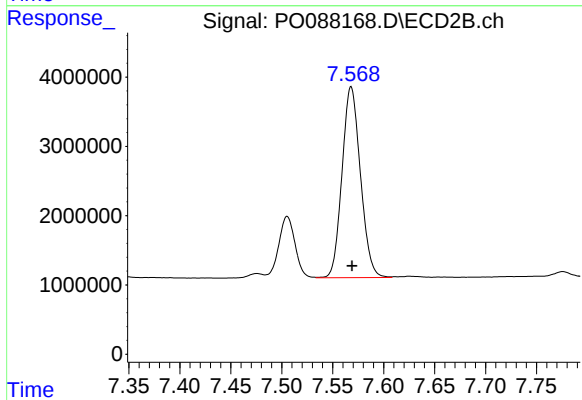
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 9853615
Conc: 180.68 ng/ml



#39 AR-1262-4

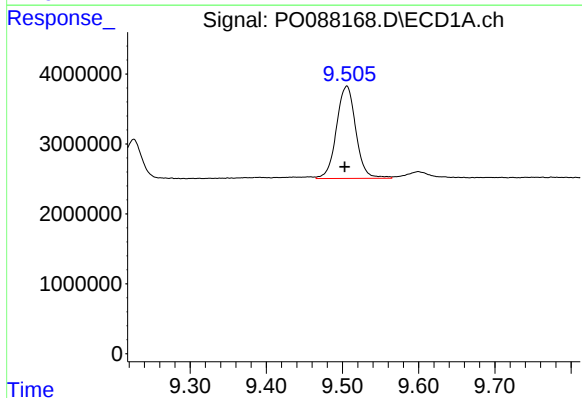
R.T.: 8.806 min
Delta R.T.: -0.020 min
Response: 30025543
Conc: 359.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



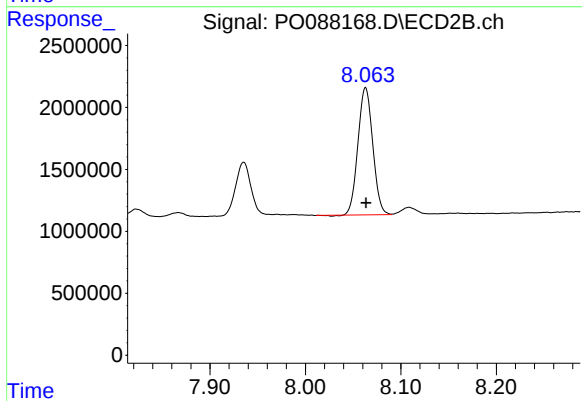
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 34605021
Conc: 342.07 ng/ml



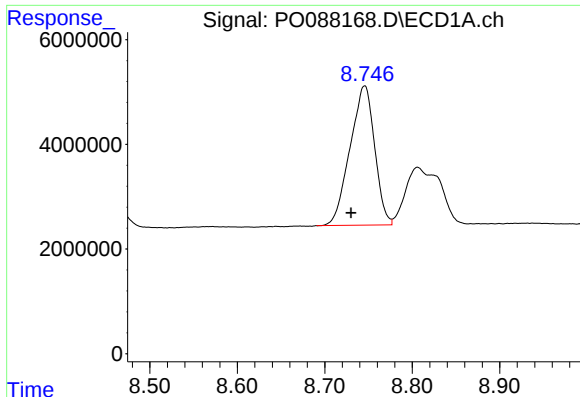
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.003 min
Response: 23348930
Conc: 261.99 ng/ml



#40 AR-1262-5

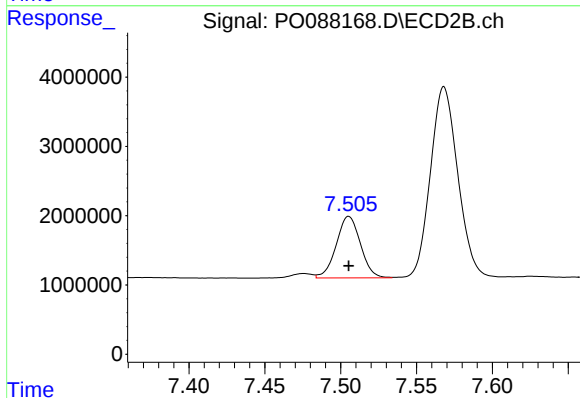
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 11062942
Conc: 225.25 ng/ml



#41 AR-1268-1

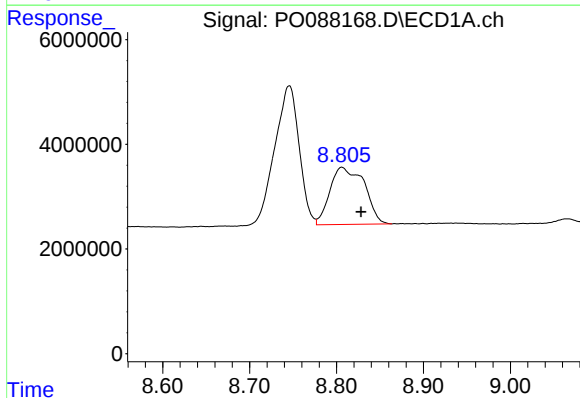
R.T.: 8.746 min
Delta R.T.: 0.016 min
Response: 52070456
Conc: 184.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



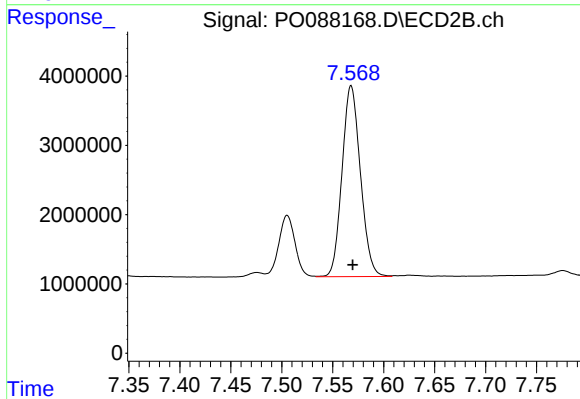
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 9853615
Conc: 62.19 ng/ml



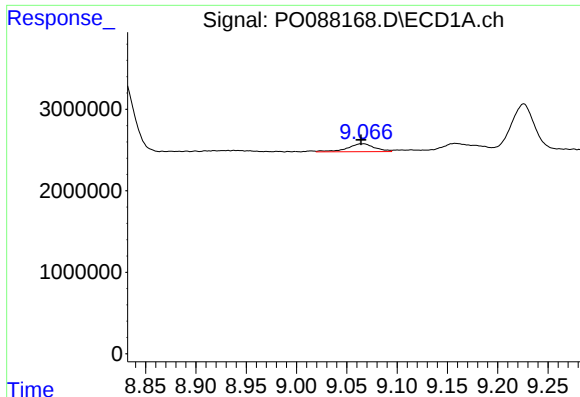
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.022 min
Response: 30025543
Conc: 115.48 ng/ml



#42 AR-1268-2

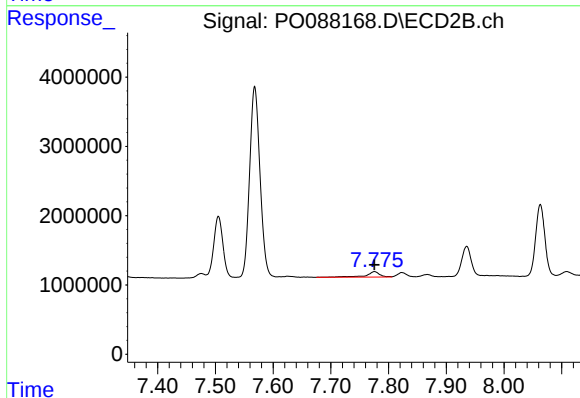
R.T.: 7.568 min
Delta R.T.: -0.002 min
Response: 34605021
Conc: 240.58 ng/ml



#43 AR-1268-3

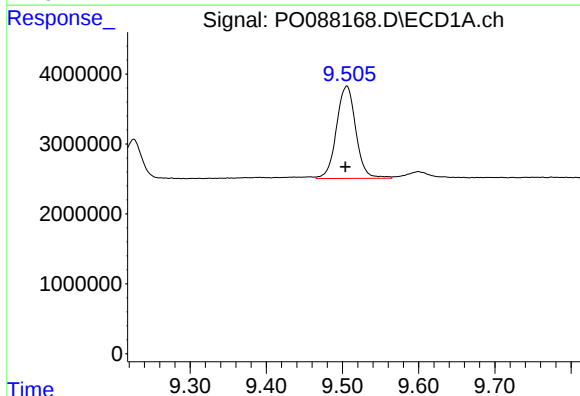
R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 1806903
Conc: 8.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



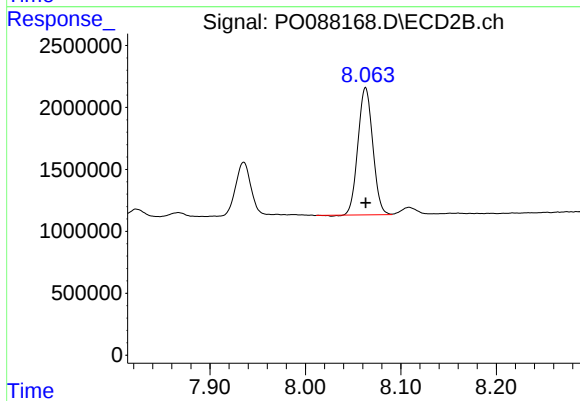
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 1325014
Conc: 10.64 ng/ml



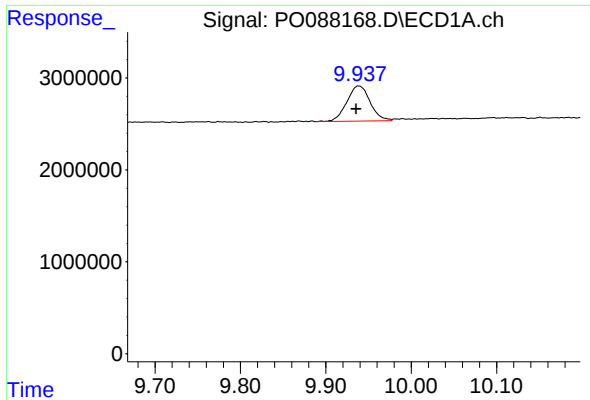
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: 0.002 min
Response: 23348930
Conc: 238.14 ng/ml



#44 AR-1268-4

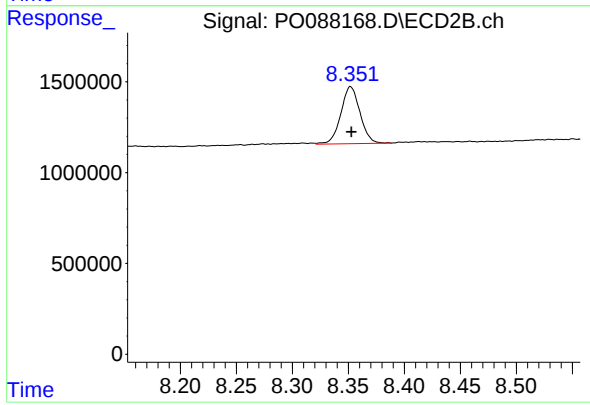
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 11062942
Conc: 206.21 ng/ml



#45 AR-1268-5

R.T.: 9.938 min
Delta R.T.: 0.003 min
Response: 7256373
Conc: 9.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 3749058
Conc: 9.70 ng/ml