

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122723\
 Data File : P0100816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2023 00:01
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 04:30:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.347	3.644	163.8E6	106.5E6	52.493	52.109
2) SA Decachlor...	10.091	8.706	107.0E6	82812977	51.198	54.866
Target Compounds						
3) L1 AR-1016-1	5.516	4.739	28649732	21413076	333.807	346.018
4) L1 AR-1016-2	5.539	4.758	35065484	21775622	274.694	246.965
5) L1 AR-1016-3	5.601	4.938	17525927	14653874	222.225	313.685 #
6) L1 AR-1016-4	5.698	4.978	18529078	31439379	304.066	766.103 #
7) L1 AR-1016-5	5.995	5.194	46833069	40742698	765.065	784.315
8) L2 AR-1221-1	4.554	3.853	834075	373900	22.562	14.889 #
9) L2 AR-1221-2	4.653	3.946	2765930	2103771	99.597	109.558
10) L2 AR-1221-3	4.719	4.021	3014750	2083437	36.121	35.404
11) L3 AR-1232-1	4.719	4.021	3014750	2083437	45.220	44.063
12) L3 AR-1232-2	5.248	4.758	15288633	21775622	436.084	522.073
13) L3 AR-1232-3	5.539	4.938	35065484	14653874	587.697	683.049
14) L3 AR-1232-4	5.698	5.020	18529078	33944325	675.763	1597.613 #
15) L3 AR-1232-5	5.791	5.194	44279134	40742698	1841.667	1864.351
16) L4 AR-1242-1	5.516	4.739	28649732	21413076	406.203	409.991
17) L4 AR-1242-2	5.539	4.758	35065484	21775622	334.076	300.461
18) L4 AR-1242-3	5.601	4.938	17525927	14653874	269.611	382.444 #
19) L4 AR-1242-4	5.698	5.020	18529078	33944325	370.010	814.372 #
20) L4 AR-1242-5	6.439	5.549	46662183	49796104	901.566	1085.010
21) L5 AR-1248-1	5.516	4.739	28649732	21413076	522.231	535.479
22) L5 AR-1248-2	5.791	4.978	44279134	31439379	512.683	522.573
23) L5 AR-1248-3	5.995	5.020	46833069	33944325	533.568	543.028
24) L5 AR-1248-4	6.400	5.194	46977896	40742698	522.517	565.630
25) L5 AR-1248-5	6.439	5.591	46662183	34518483	519.852	559.530
26) L6 AR-1254-1	6.373	5.549	36539491	49796104	347.603	485.201 #
27) L6 AR-1254-2	6.595	5.698	45592418	17231784	308.763	187.564 #
28) L6 AR-1254-3	6.960	6.106	25165238	22793877	179.716	168.546
29) L6 AR-1254-4	7.247	6.336	14666556	14292395	172.522	198.144
30) L6 AR-1254-5	7.669	6.757	5399618	7823308	45.633	67.897 #
31) L7 AR-1260-1	7.126	6.229	3519464	2786264	25.690	29.251
32) L7 AR-1260-2	7.383	6.425	3084530	2152171	24.525	20.023
33) L7 AR-1260-3	7.736	6.581	716353	2554353	7.395	24.921 #
34) L7 AR-1260-4	7.959	7.058	1022486	511638	9.689	6.276 #
35) L7 AR-1260-5	8.297	7.300	6386951	975252	30.257	5.404 #
36) L8 AR-1262-1	7.669	6.757	5399618	7823308	54.050	125.417 #
37) L8 AR-1262-2	8.297	7.058	6386951	511638	26.914	4.528 #
38) L8 AR-1262-3	8.611	7.588	1676408	628213	10.323	8.158
39) L8 AR-1262-4	8.693	7.649	476121	1002971	3.693	6.789 #
40) L8 AR-1262-5	9.315	8.145	115043	74491	1.442	1.165
41) L9 AR-1268-1	8.611	7.588	1676408	628213	5.933	2.834 #

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 Response via : Initial Calibration
 Integrator: ChemStation

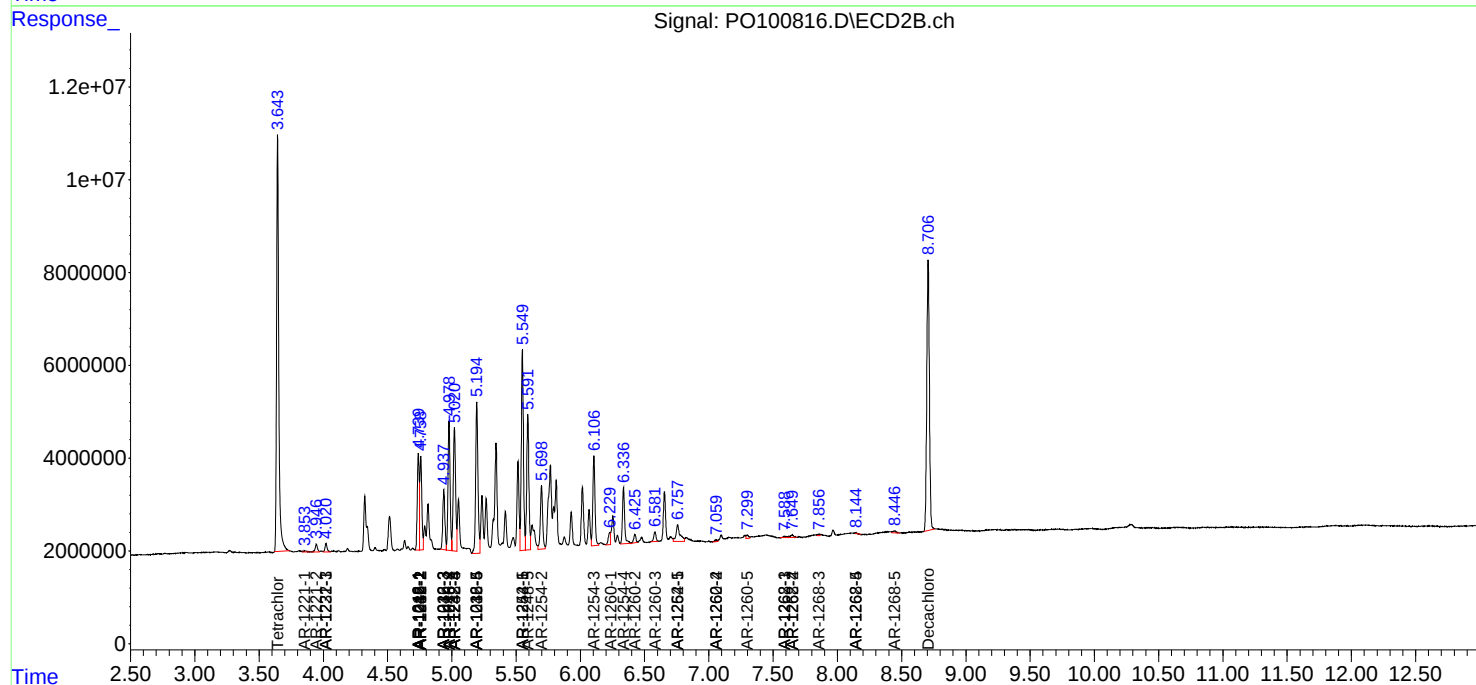
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

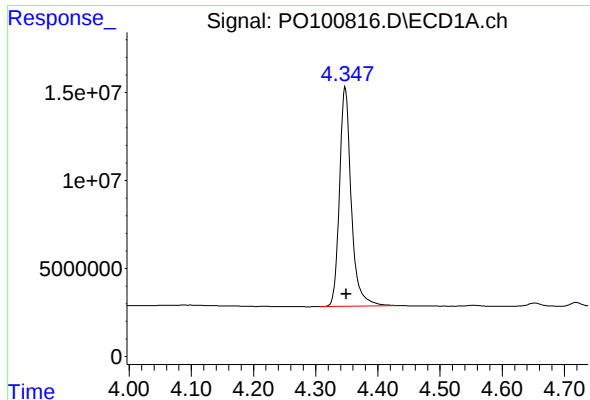
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.693	7.649	476121	1002971	1.884	4.959 #
43) L9	AR-1268-3	8.954f	7.856	848089	332575	3.717	1.763 #
44) L9	AR-1268-4	9.315	8.145	115043	74491	1.469	1.109
45) L9	AR-1268-5	9.757	8.445	316442	700882	0.441	1.351 #

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

Instrument :
ECD_O
ClientSampleId :

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

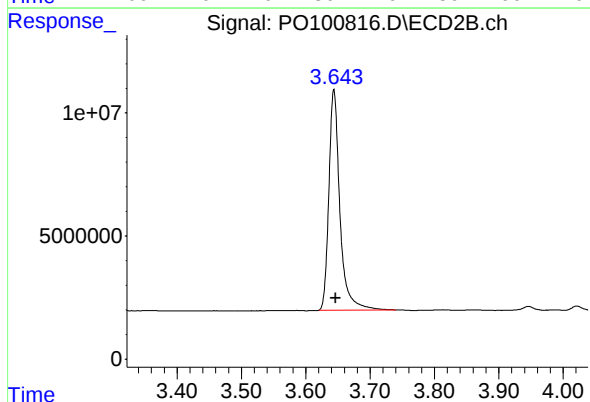




#1 Tetrachloro-m-xylene

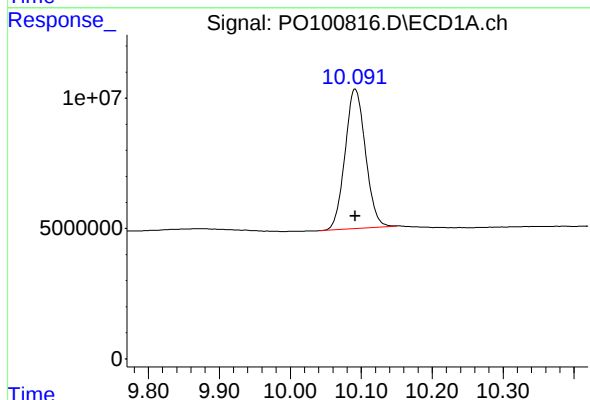
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 163793068
Conc: 52.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



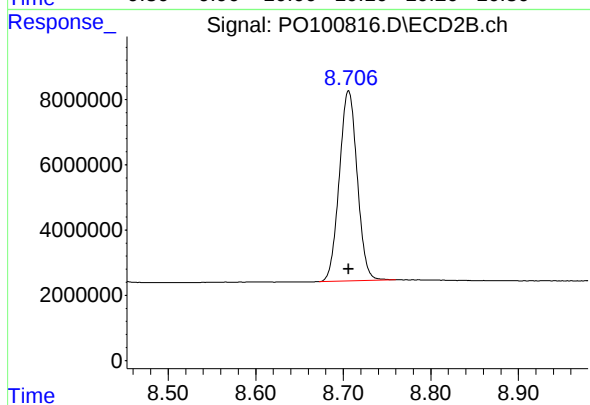
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.003 min
Response: 106480645
Conc: 52.11 ng/ml



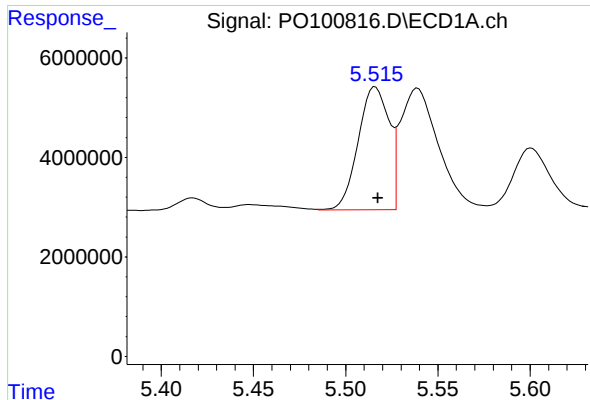
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 106958406
Conc: 51.20 ng/ml



#2 Decachlorobiphenyl

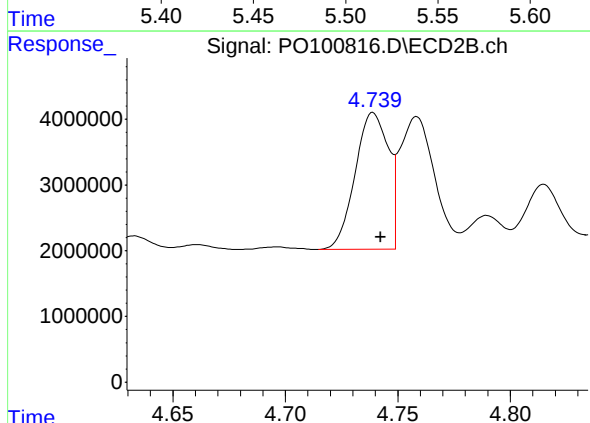
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 82812977
Conc: 54.87 ng/ml



#3 AR-1016-1

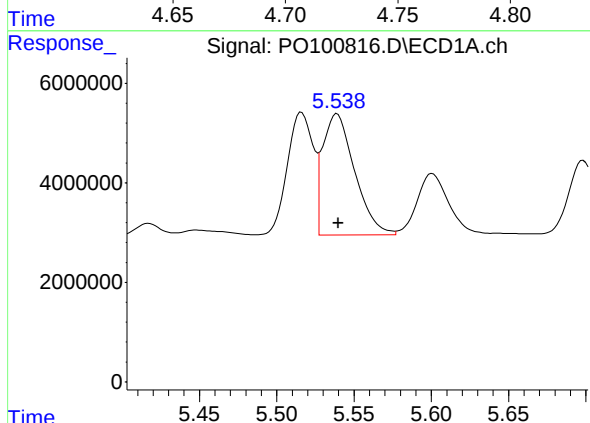
R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 28649732
Conc: 333.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



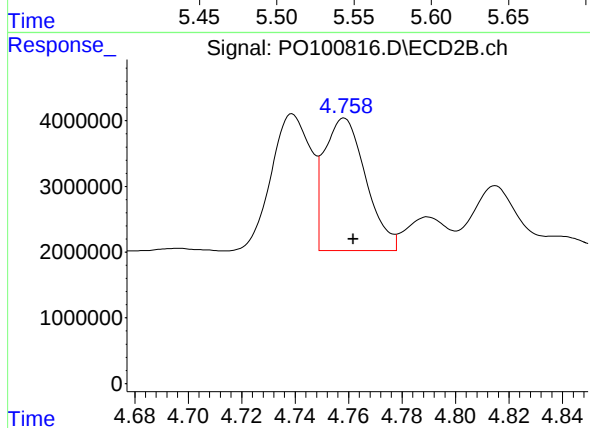
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 21413076
Conc: 346.02 ng/ml



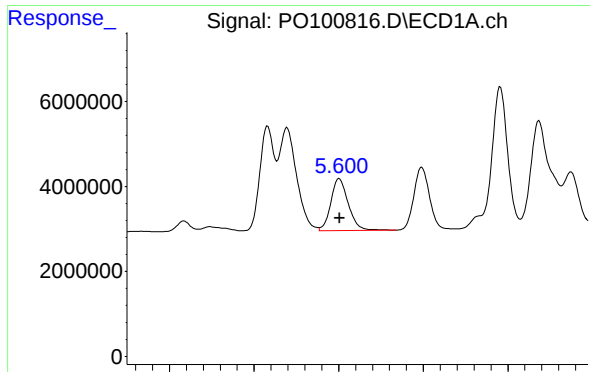
#4 AR-1016-2

R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 35065484
Conc: 274.69 ng/ml



#4 AR-1016-2

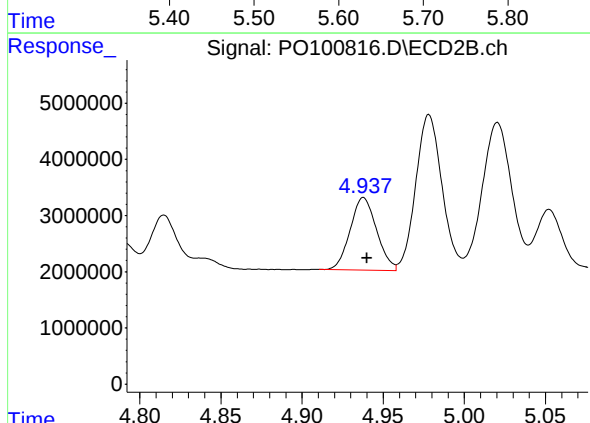
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 21775622
Conc: 246.97 ng/ml



#5 AR-1016-3

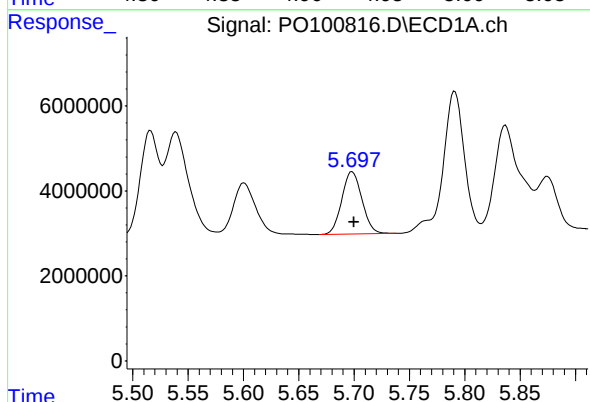
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 17525927
Conc: 222.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



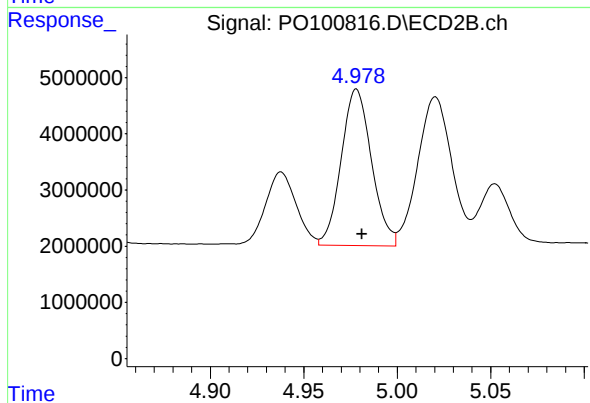
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 14653874
Conc: 313.69 ng/ml



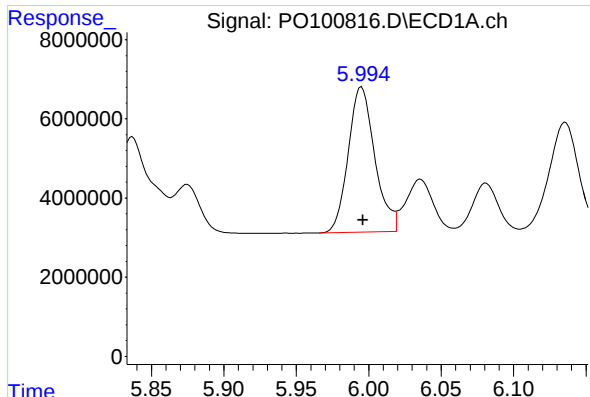
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 18529078
Conc: 304.07 ng/ml



#6 AR-1016-4

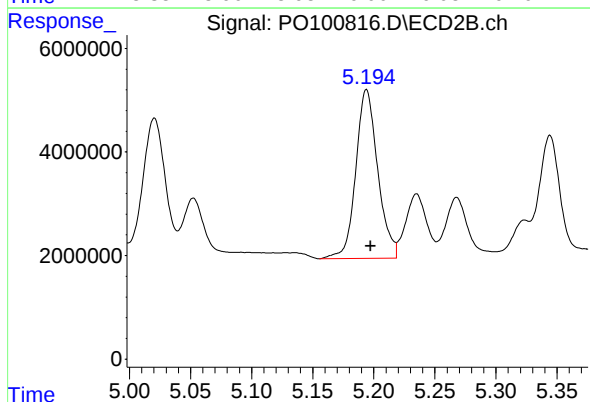
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 31439379
Conc: 766.10 ng/ml



#7 AR-1016-5

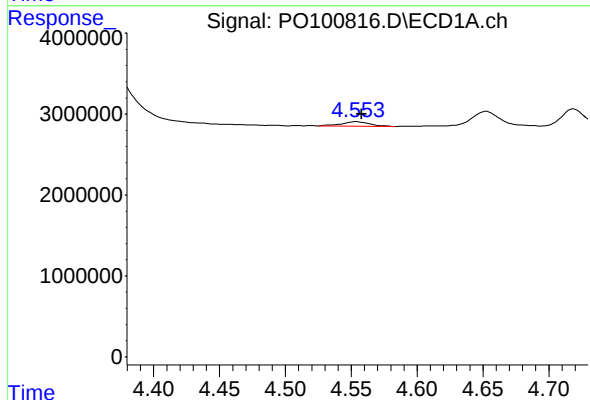
R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 46833069
Conc: 765.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



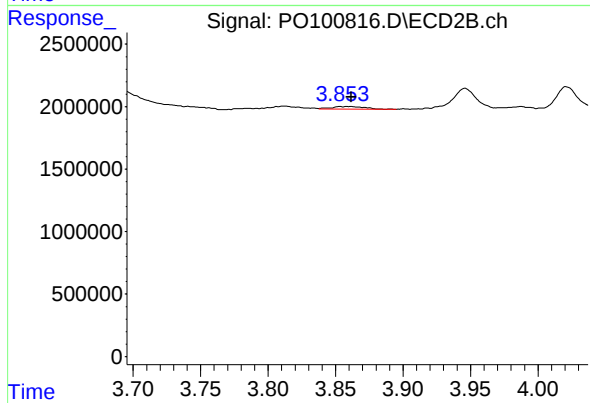
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 40742698
Conc: 784.32 ng/ml



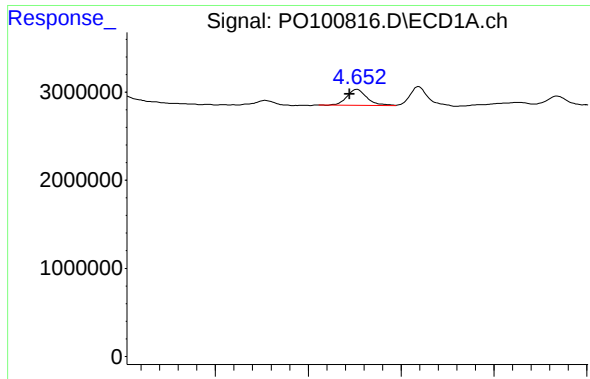
#8 AR-1221-1

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 834075
Conc: 22.56 ng/ml



#8 AR-1221-1

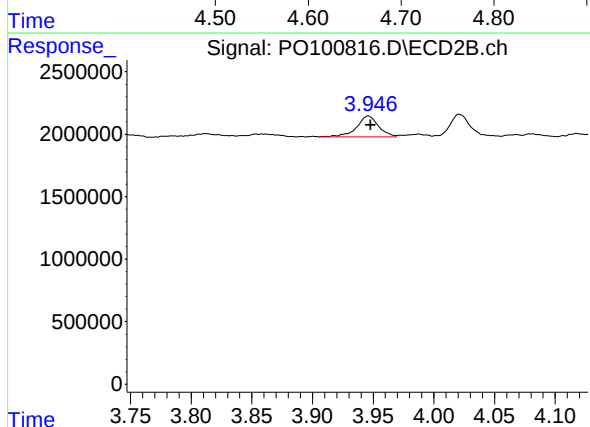
R.T.: 3.853 min
Delta R.T.: -0.008 min
Response: 373900
Conc: 14.89 ng/ml



#9 AR-1221-2

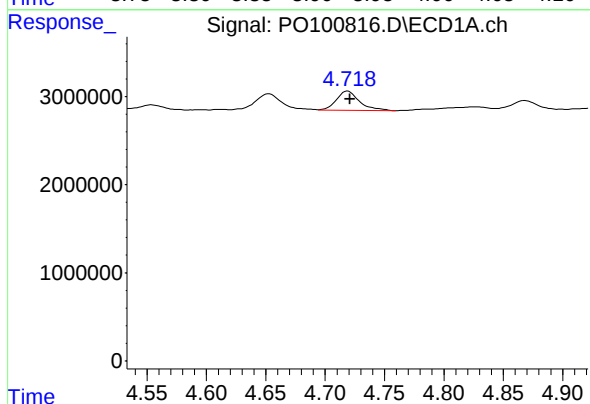
R.T.: 4.653 min
Delta R.T.: 0.008 min
Response: 2765930
Conc: 99.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



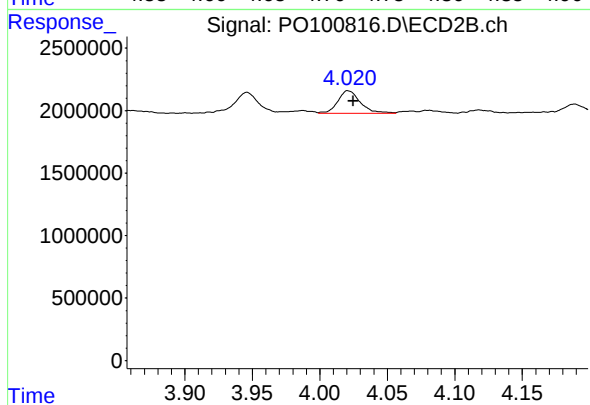
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 2103771
Conc: 109.56 ng/ml



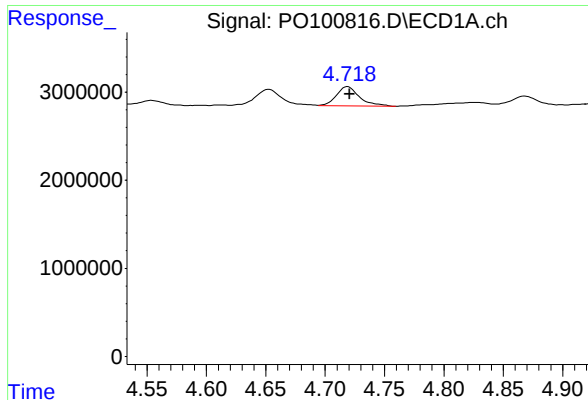
#10 AR-1221-3

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 3014750
Conc: 36.12 ng/ml



#10 AR-1221-3

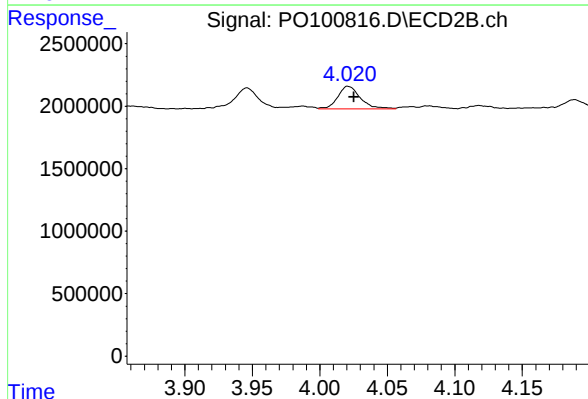
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 2083437
Conc: 35.40 ng/ml



#11 AR-1232-1

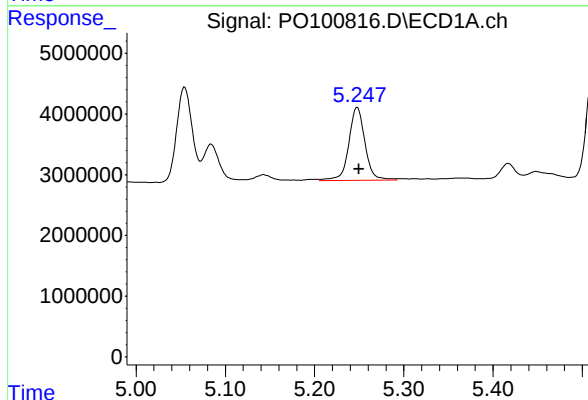
R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 3014750
Conc: 45.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



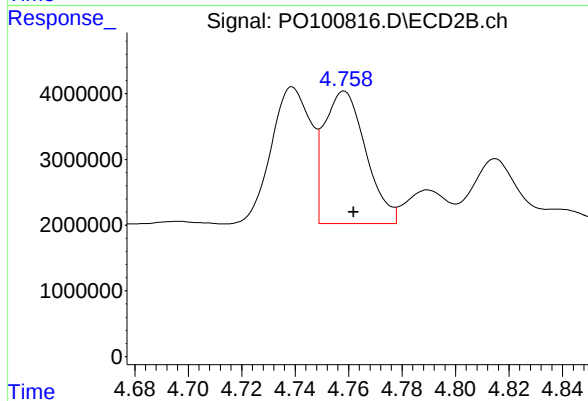
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 2083437
Conc: 44.06 ng/ml



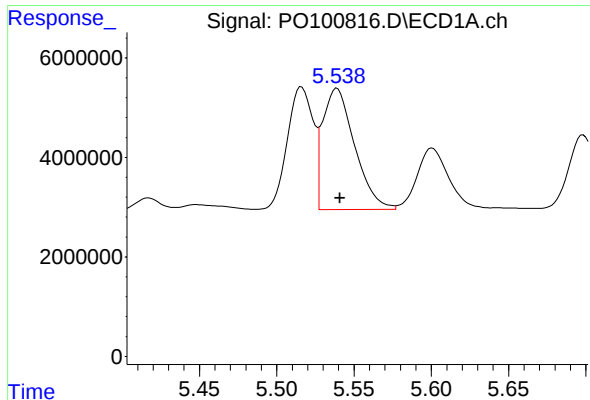
#12 AR-1232-2

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 15288633
Conc: 436.08 ng/ml



#12 AR-1232-2

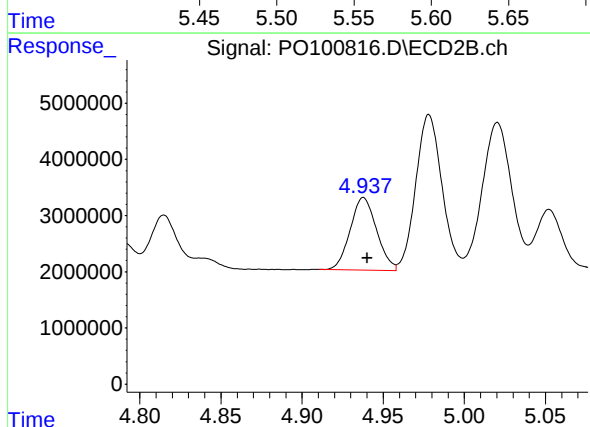
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 21775622
Conc: 522.07 ng/ml



#13 AR-1232-3

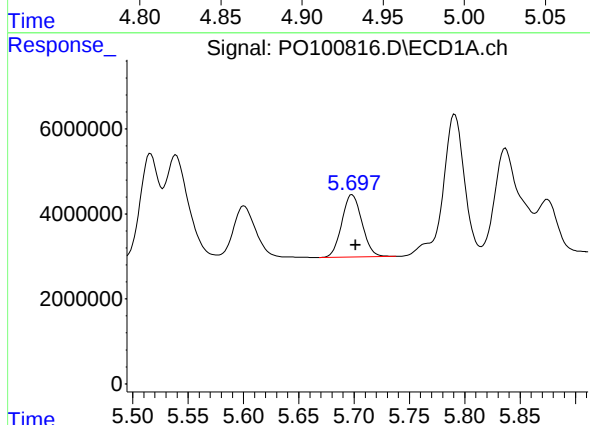
R.T.: 5.539 min
Delta R.T.: -0.002 min
Response: 35065484
Conc: 587.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



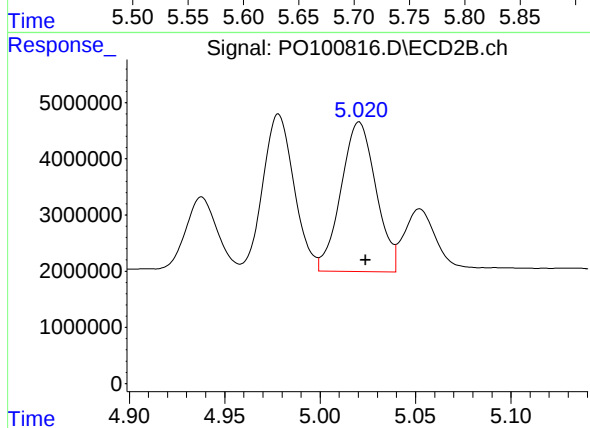
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 14653874
Conc: 683.05 ng/ml



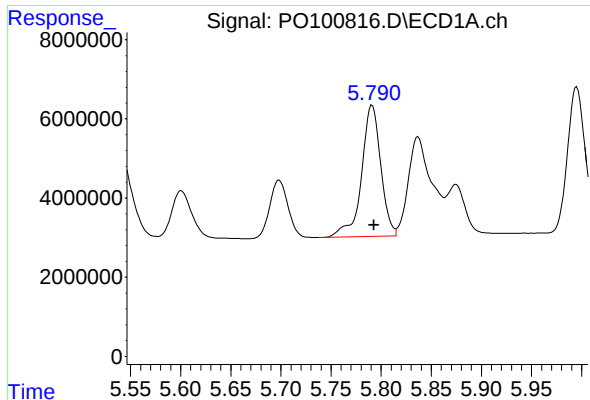
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 18529078
Conc: 675.76 ng/ml



#14 AR-1232-4

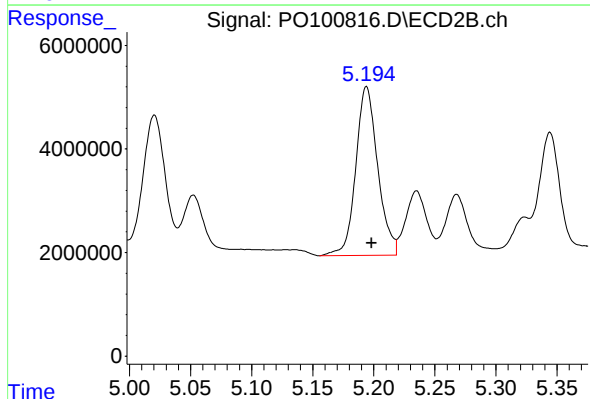
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 33944325
Conc: 1597.61 ng/ml



#15 AR-1232-5

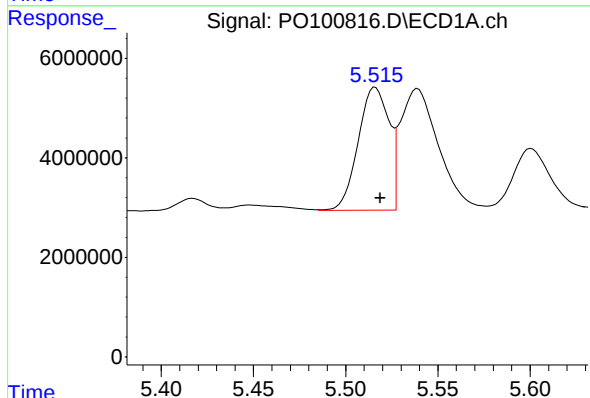
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 44279134
Conc: 1841.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



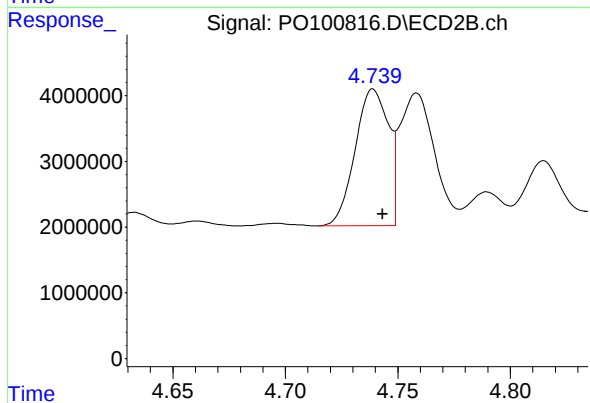
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 40742698
Conc: 1864.35 ng/ml



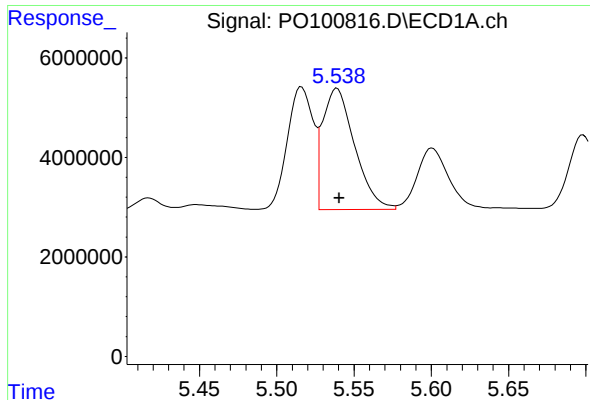
#16 AR-1242-1

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 28649732
Conc: 406.20 ng/ml



#16 AR-1242-1

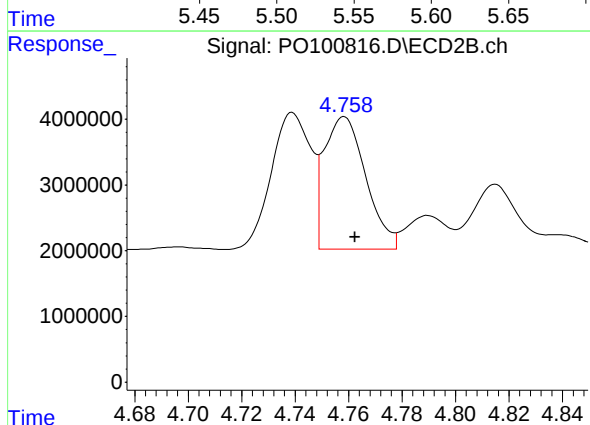
R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 21413076
Conc: 409.99 ng/ml



#17 AR-1242-2

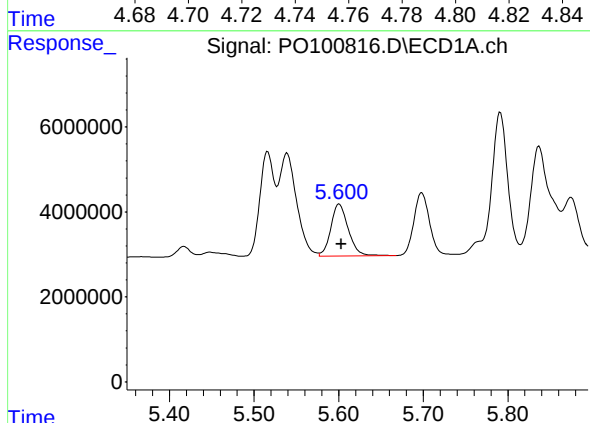
R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 35065484
Conc: 334.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



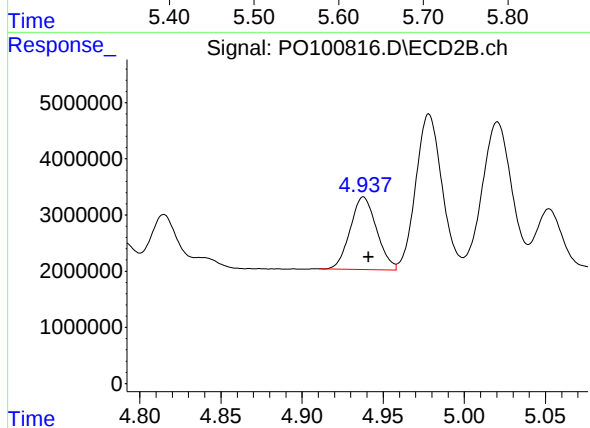
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 21775622
Conc: 300.46 ng/ml



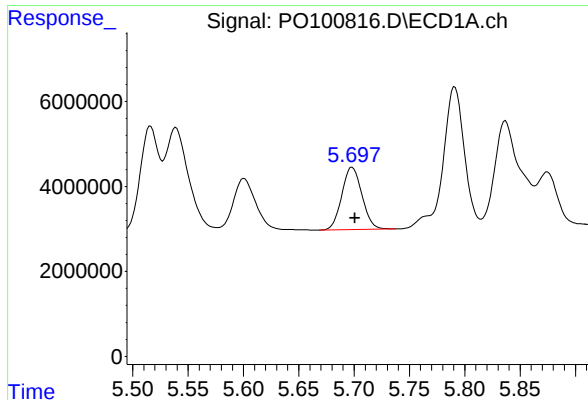
#18 AR-1242-3

R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 17525927
Conc: 269.61 ng/ml



#18 AR-1242-3

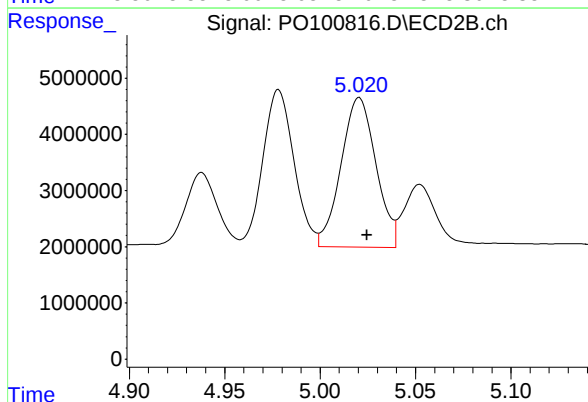
R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 14653874
Conc: 382.44 ng/ml



#19 AR-1242-4

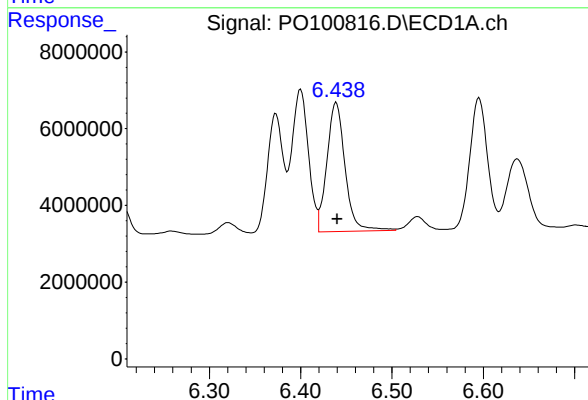
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 18529078
Conc: 370.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



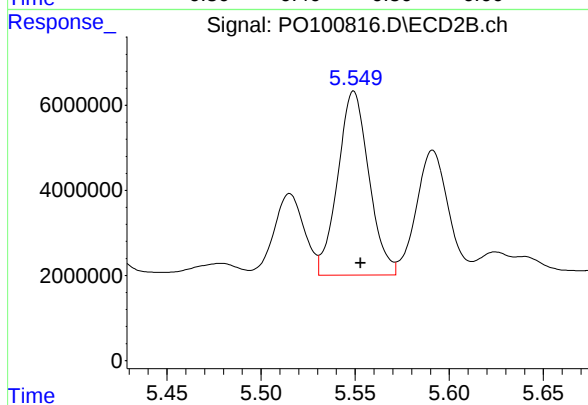
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 33944325
Conc: 814.37 ng/ml



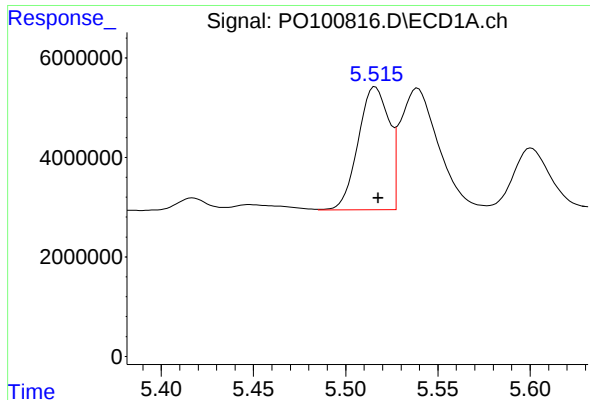
#20 AR-1242-5

R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 46662183
Conc: 901.57 ng/ml



#20 AR-1242-5

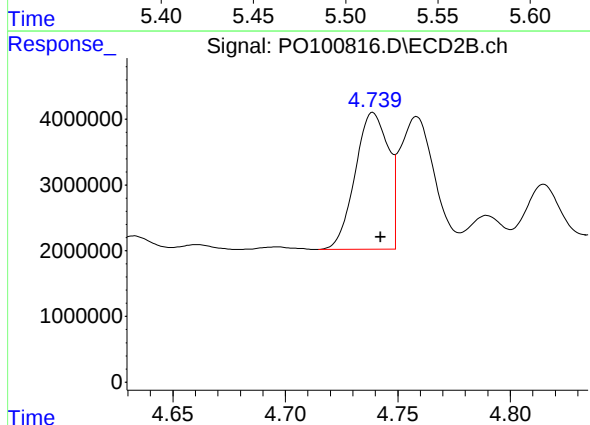
R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 49796104
Conc: 1085.01 ng/ml



#21 AR-1248-1

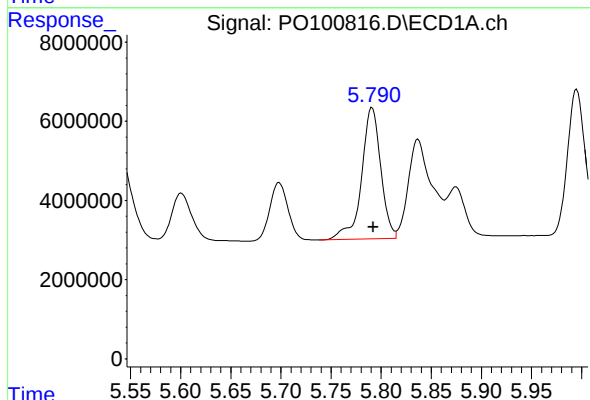
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 28649732
Conc: 522.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



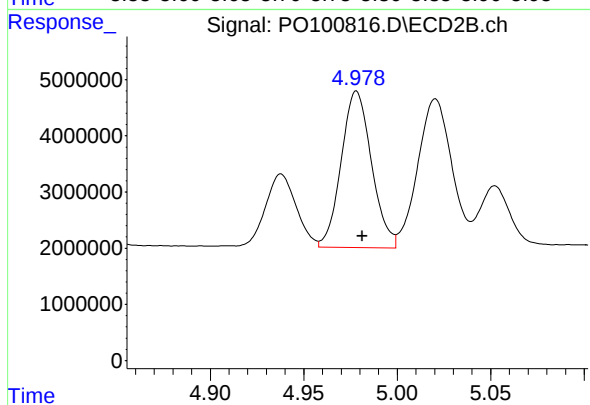
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 21413076
Conc: 535.48 ng/ml



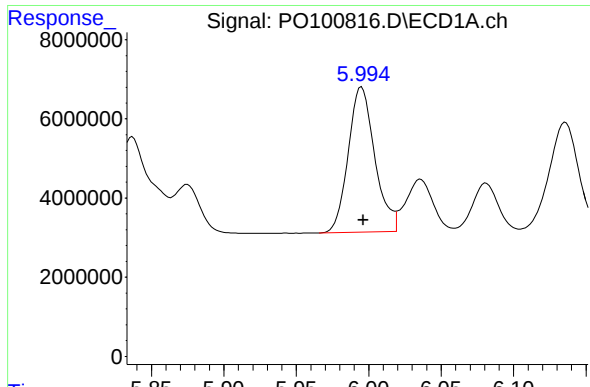
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 44279134
Conc: 512.68 ng/ml



#22 AR-1248-2

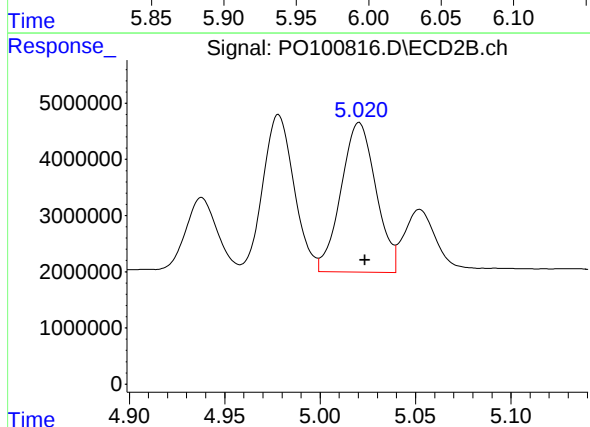
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 31439379
Conc: 522.57 ng/ml



#23 AR-1248-3

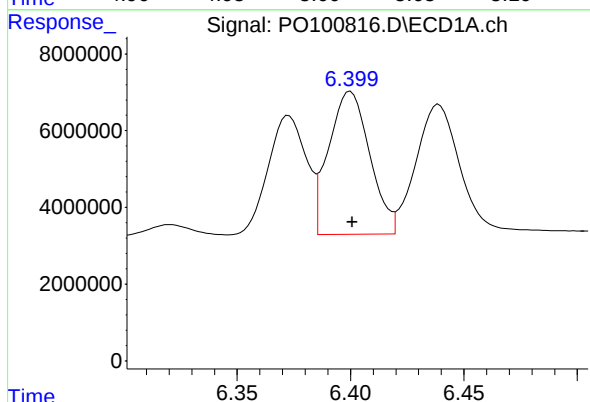
R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 46833069
Conc: 533.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



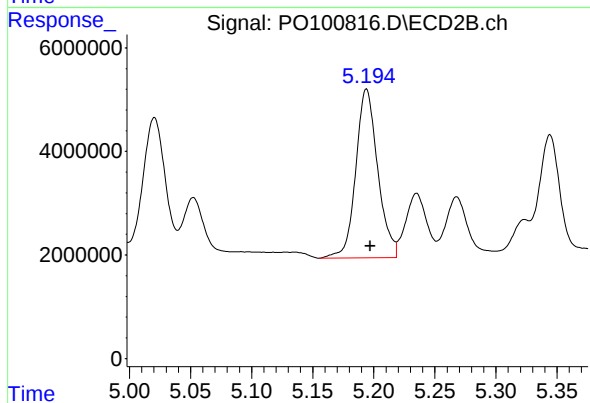
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 33944325
Conc: 543.03 ng/ml



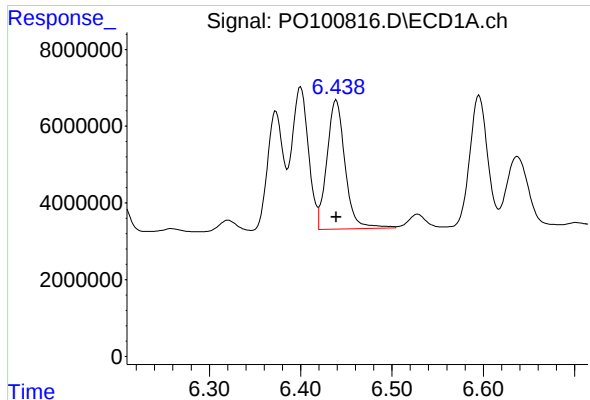
#24 AR-1248-4

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 46977896
Conc: 522.52 ng/ml



#24 AR-1248-4

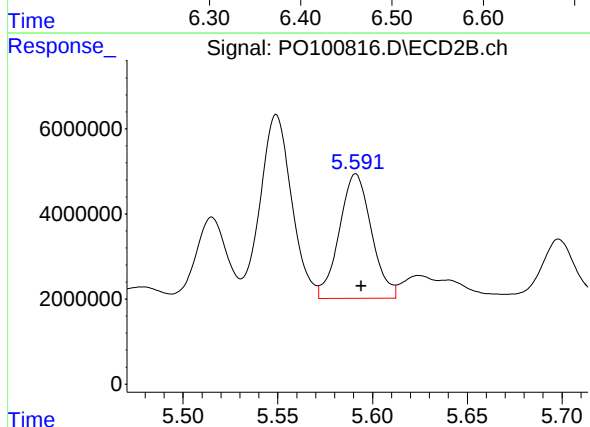
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 40742698
Conc: 565.63 ng/ml



#25 AR-1248-5

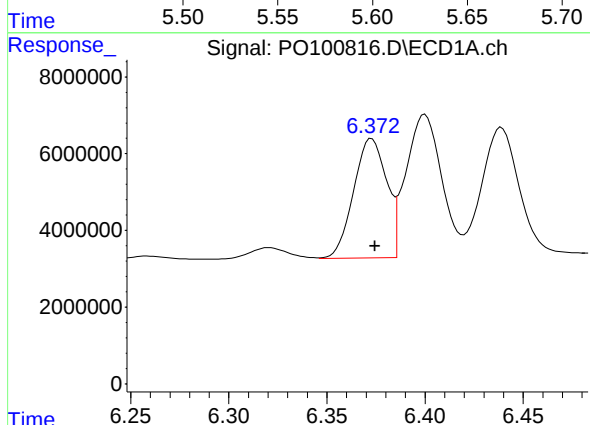
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 46662183
Conc: 519.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



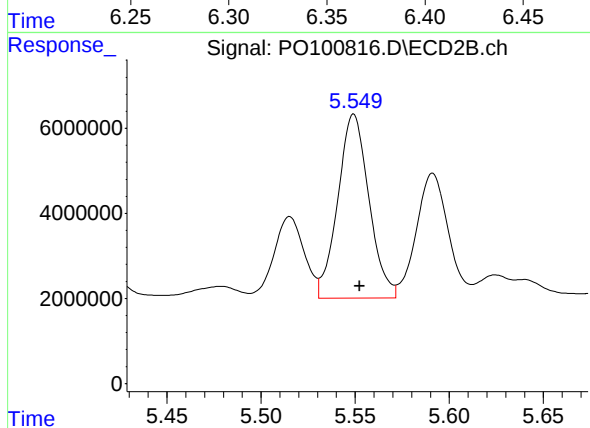
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 34518483
Conc: 559.53 ng/ml



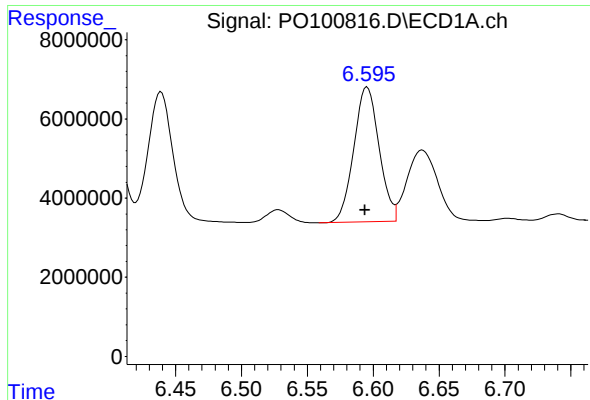
#26 AR-1254-1

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 36539491
Conc: 347.60 ng/ml



#26 AR-1254-1

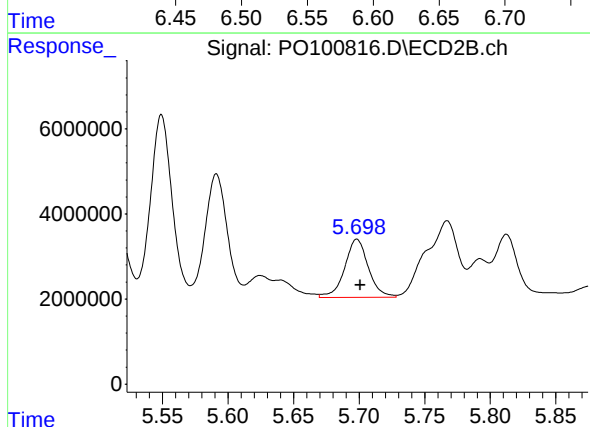
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 49796104
Conc: 485.20 ng/ml



#27 AR-1254-2

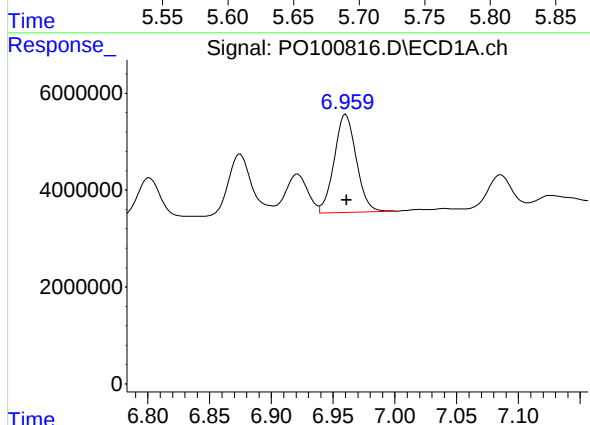
R.T.: 6.595 min
Delta R.T.: 0.002 min
Response: 45592418
Conc: 308.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



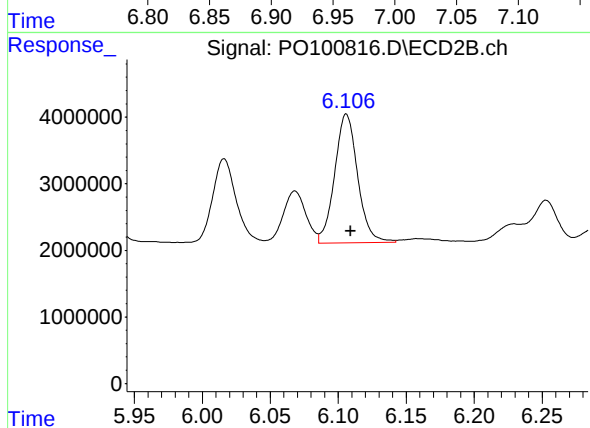
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 17231784
Conc: 187.56 ng/ml



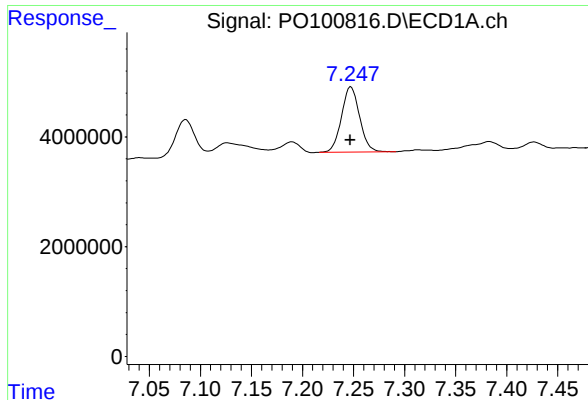
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 25165238
Conc: 179.72 ng/ml



#28 AR-1254-3

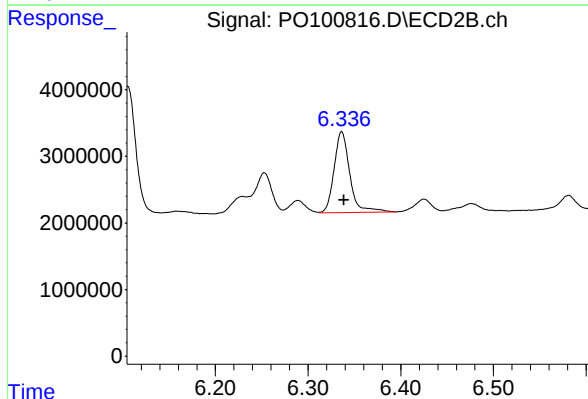
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 22793877
Conc: 168.55 ng/ml



#29 AR-1254-4

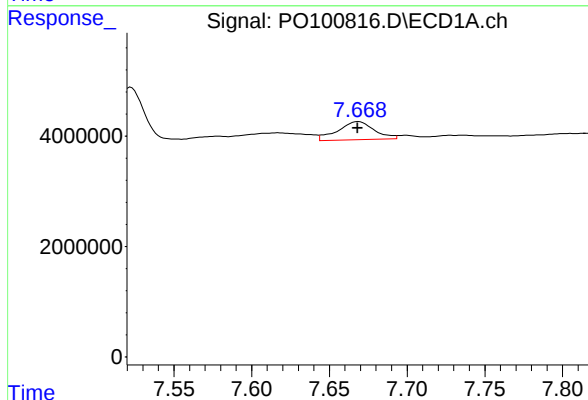
R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 14666556
Conc: 172.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



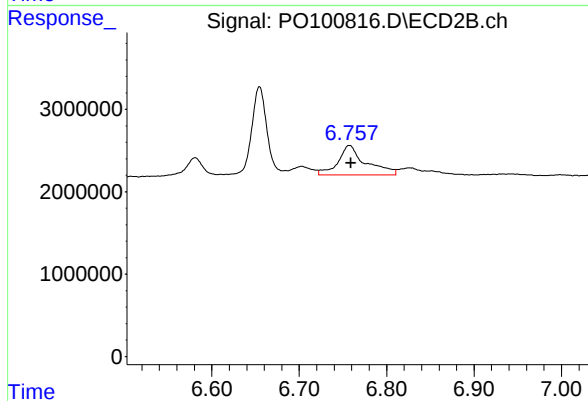
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 14292395
Conc: 198.14 ng/ml



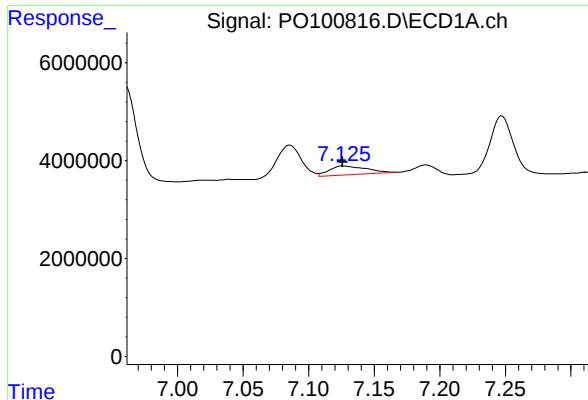
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 5399618
Conc: 45.63 ng/ml



#30 AR-1254-5

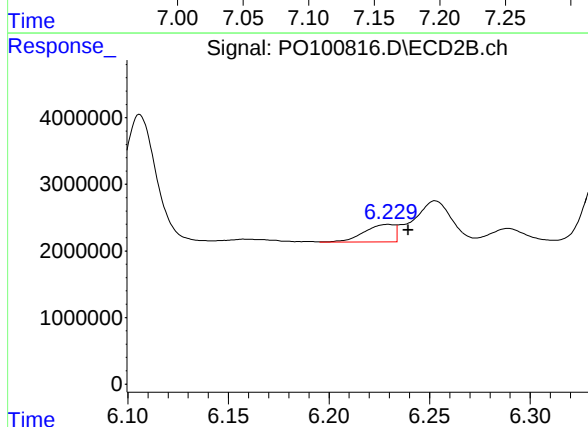
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 7823308
Conc: 67.90 ng/ml



#31 AR-1260-1

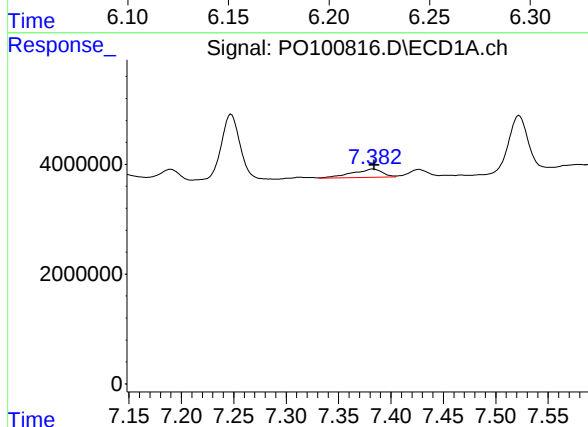
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 3519464
Conc: 25.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



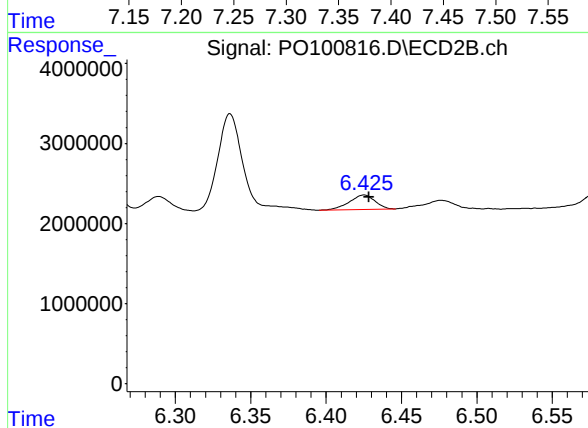
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: -0.010 min
Response: 2786264
Conc: 29.25 ng/ml



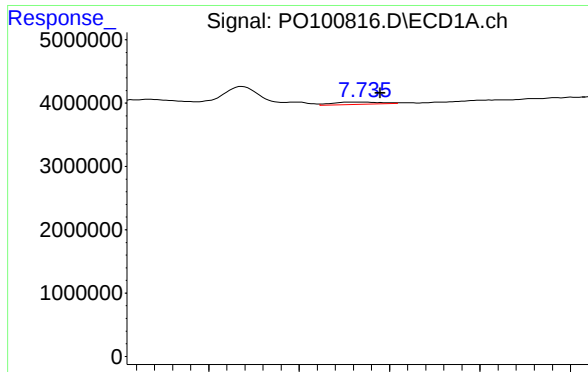
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: -0.001 min
Response: 3084530
Conc: 24.53 ng/ml



#32 AR-1260-2

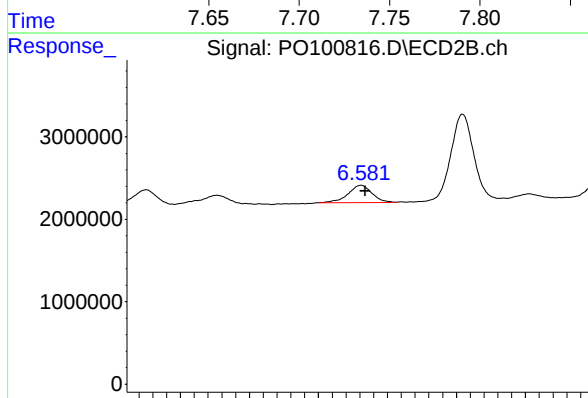
R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 2152171
Conc: 20.02 ng/ml



#33 AR-1260-3

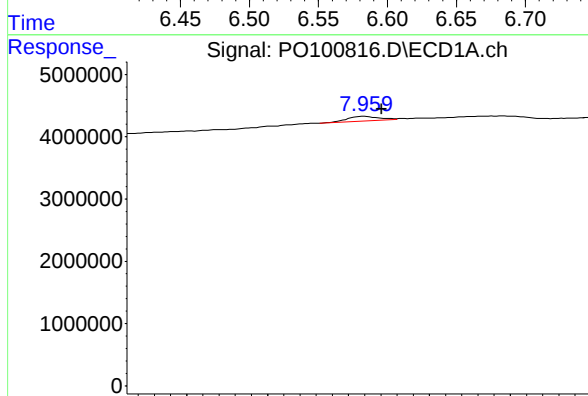
R.T.: 7.736 min
Delta R.T.: -0.009 min
Response: 716353
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



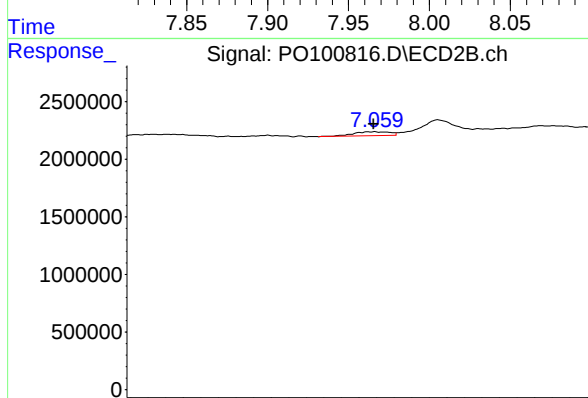
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 2554353
Conc: 24.92 ng/ml



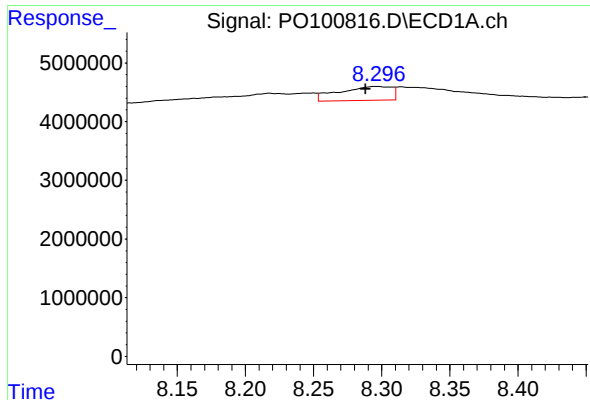
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: -0.011 min
Response: 1022486
Conc: 9.69 ng/ml



#34 AR-1260-4

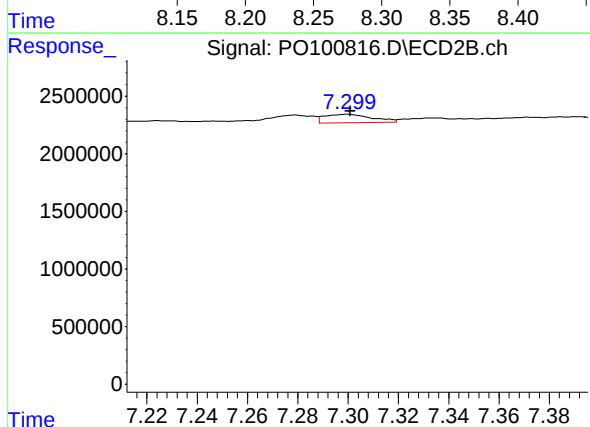
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 511638
Conc: 6.28 ng/ml



#35 AR-1260-5

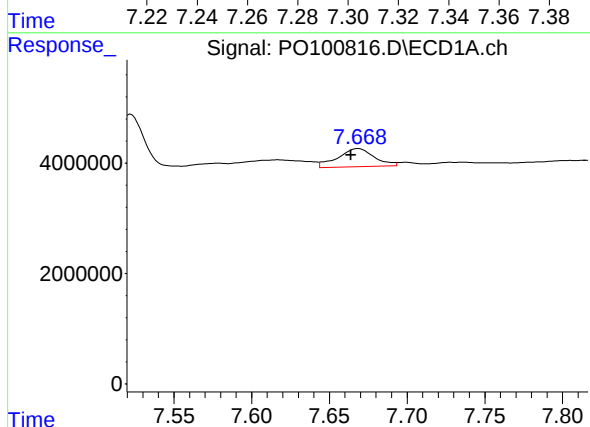
R.T.: 8.297 min
Delta R.T.: 0.008 min
Response: 6386951
Conc: 30.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



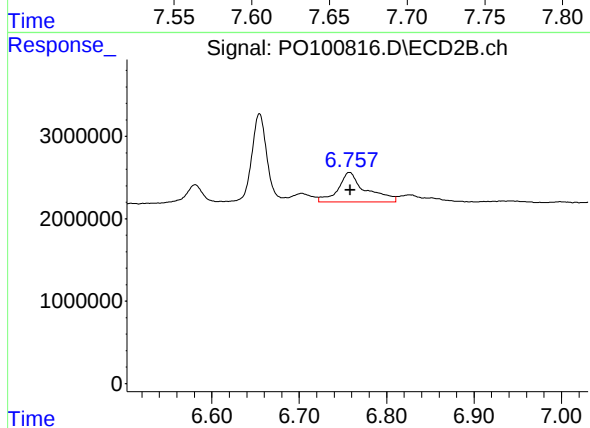
#35 AR-1260-5

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 975252
Conc: 5.40 ng/ml



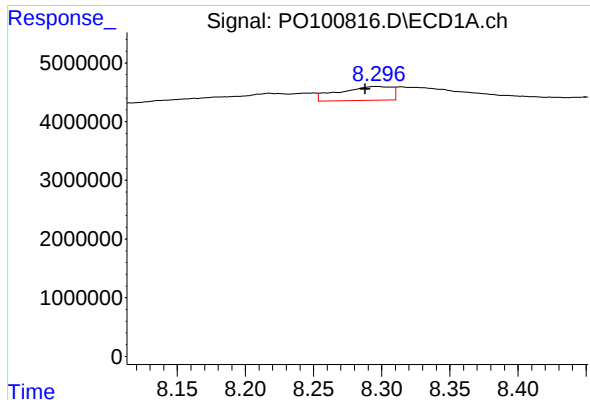
#36 AR-1262-1

R.T.: 7.669 min
Delta R.T.: 0.005 min
Response: 5399618
Conc: 54.05 ng/ml



#36 AR-1262-1

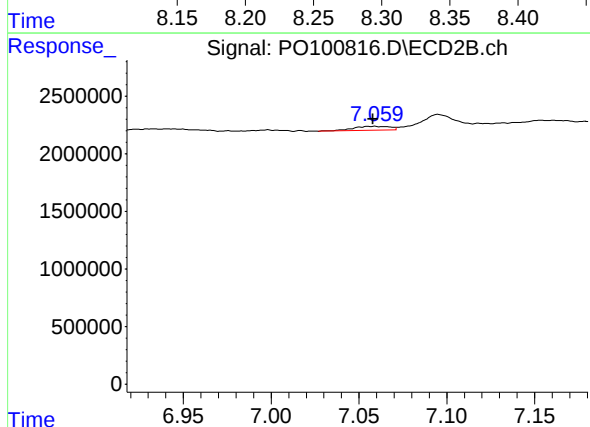
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 7823308
Conc: 125.42 ng/ml



#37 AR-1262-2

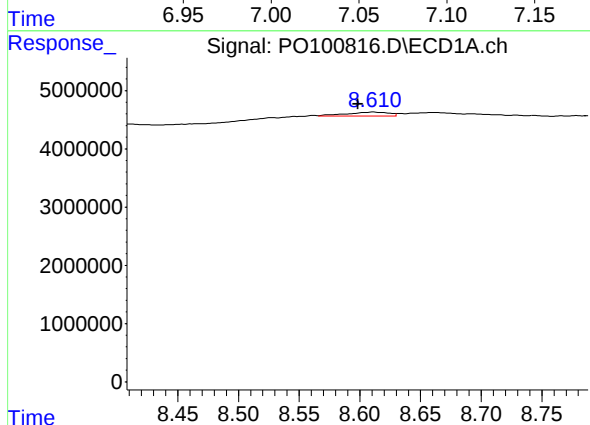
R.T.: 8.297 min
Delta R.T.: 0.008 min
Response: 6386951
Conc: 26.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



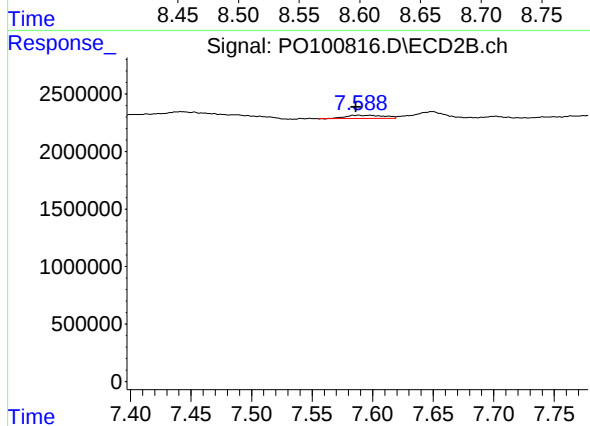
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 511638
Conc: 4.53 ng/ml



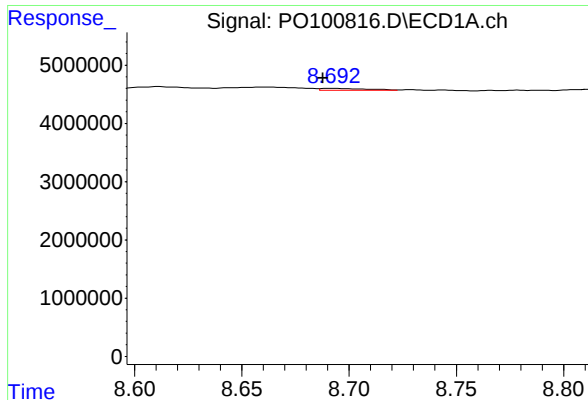
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.012 min
Response: 1676408
Conc: 10.32 ng/ml



#38 AR-1262-3

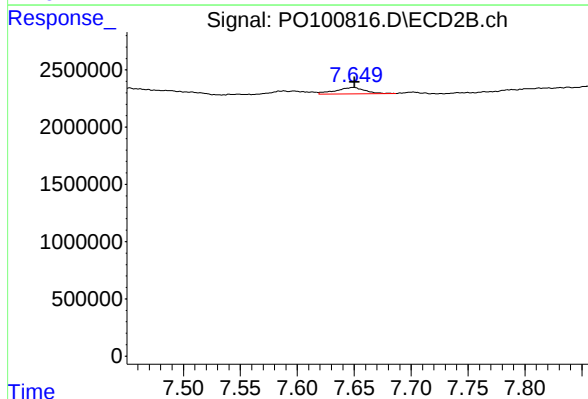
R.T.: 7.588 min
Delta R.T.: 0.002 min
Response: 628213
Conc: 8.16 ng/ml



#39 AR-1262-4

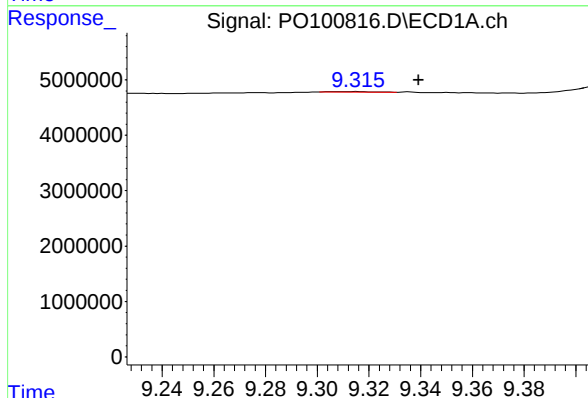
R.T.: 8.693 min
Delta R.T.: 0.005 min
Response: 476121
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



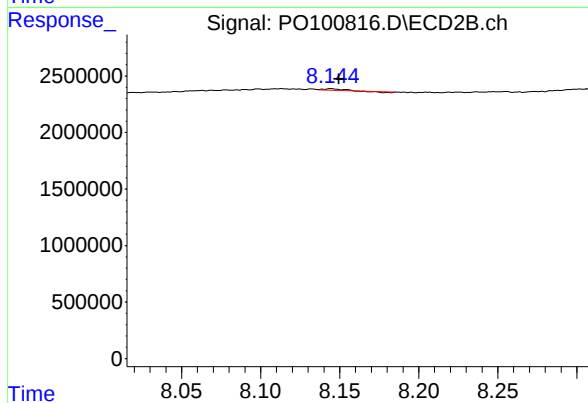
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.001 min
Response: 1002971
Conc: 6.79 ng/ml



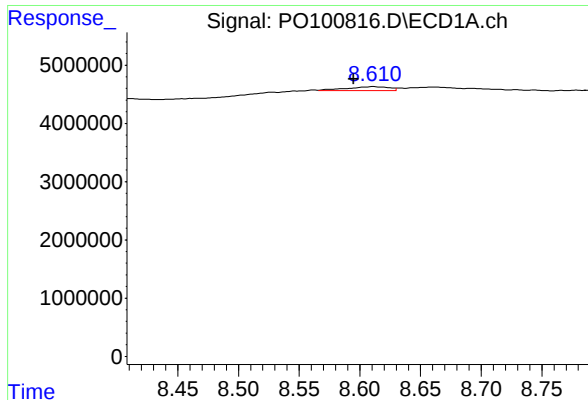
#40 AR-1262-5

R.T.: 9.315 min
Delta R.T.: -0.024 min
Response: 115043
Conc: 1.44 ng/ml



#40 AR-1262-5

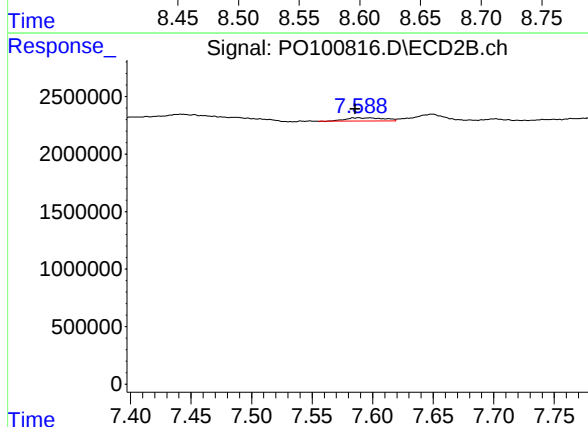
R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 74491
Conc: 1.16 ng/ml



#41 AR-1268-1

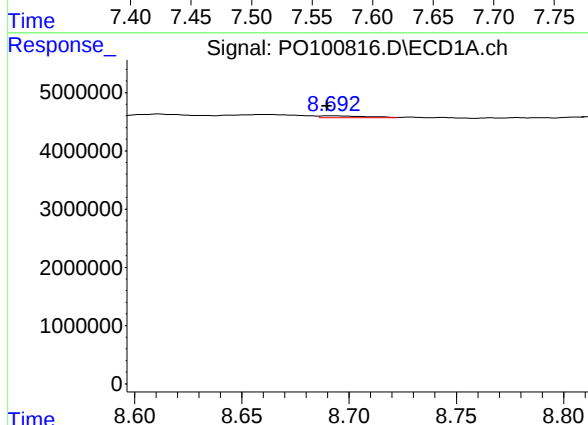
R.T.: 8.611 min
Delta R.T.: 0.016 min
Response: 1676408
Conc: 5.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



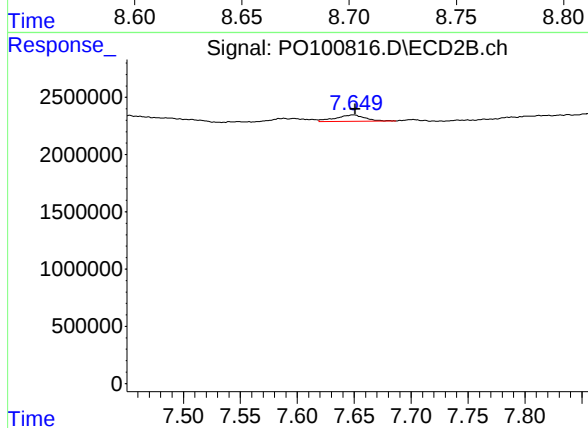
#41 AR-1268-1

R.T.: 7.588 min
Delta R.T.: 0.003 min
Response: 628213
Conc: 2.83 ng/ml



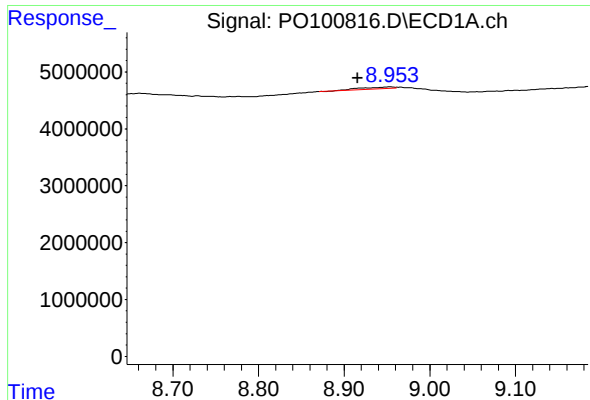
#42 AR-1268-2

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 476121
Conc: 1.88 ng/ml



#42 AR-1268-2

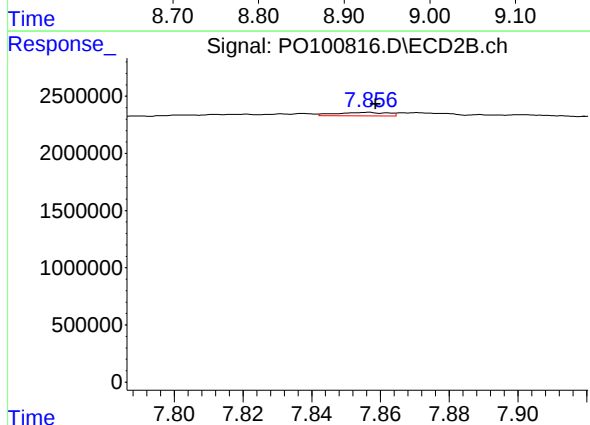
R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 1002971
Conc: 4.96 ng/ml



#43 AR-1268-3

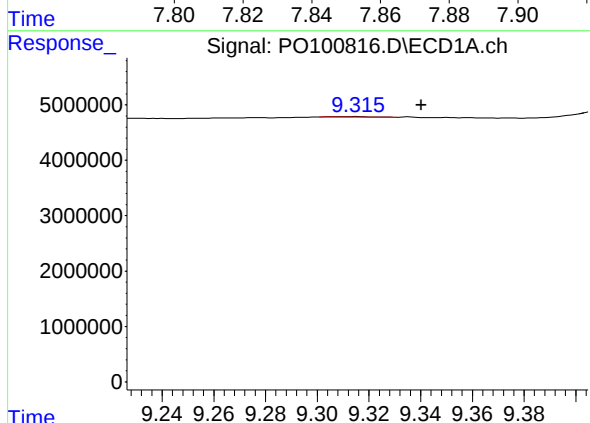
R.T.: 8.954 min
Delta R.T.: 0.038 min
Response: 848089
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



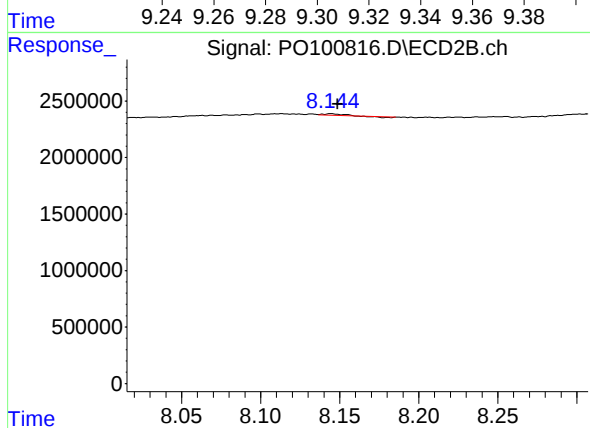
#43 AR-1268-3

R.T.: 7.856 min
Delta R.T.: -0.002 min
Response: 332575
Conc: 1.76 ng/ml



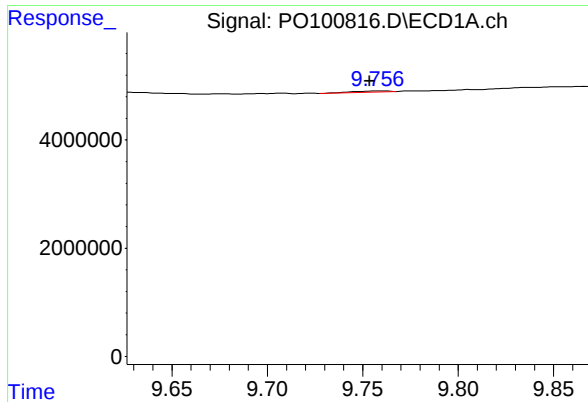
#44 AR-1268-4

R.T.: 9.315 min
Delta R.T.: -0.025 min
Response: 115043
Conc: 1.47 ng/ml



#44 AR-1268-4

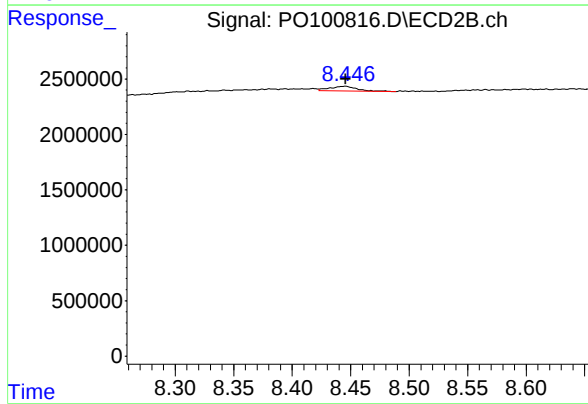
R.T.: 8.145 min
Delta R.T.: -0.004 min
Response: 74491
Conc: 1.11 ng/ml



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: 0.004 min
Response: 316442
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 700882
Conc: 1.35 ng/ml