

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100722\
 Data File : PO089814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 15:49
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 18:35:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 05 06:04:42 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...	4.338	3.563	123.5E6	47128576	47.496	52.186
2)	SA Decachlor...	10.099	8.594	57166320	38407888	53.180	48.335
Target Compounds							
3)	L1 AR-1016-1	5.508	4.654	29065532	13322400	415.065	422.573
4)	L1 AR-1016-2	5.530	4.673	40842785	17770147	404.700	417.905
5)	L1 AR-1016-3	5.593	4.850	25976396	9856936	416.910	440.212
6)	L1 AR-1016-4	5.692	4.893	20656273	7807240	421.256	442.806
7)	L1 AR-1016-5	5.988	5.107	20496257	10440470	437.907	429.595
8)	L2 AR-1221-1	4.541	3.777	3623437	1301179	121.011	123.796
9)	L2 AR-1221-2	4.633	3.864	5363559	2094405	241.830	264.284
10)	L2 AR-1221-3	4.708	3.941	18878517	7566722	280.140	295.947
11)	L3 AR-1232-1	4.708	3.941	18878517	7566722	343.636	376.465
12)	L3 AR-1232-2	5.045	4.673	23810683	17770147	1006.186	961.242
13)	L3 AR-1232-3	5.530	4.850	40842785	9856936	908.871	1032.549
14)	L3 AR-1232-4	5.692	4.935	20656273	9888277	953.155	1134.841
15)	L3 AR-1232-5	5.784	5.107	16569226	10440470	960.602	1069.090
16)	L4 AR-1242-1	5.508	4.654	29065532	13322400	472.223	493.603
17)	L4 AR-1242-2	5.530	4.673	40842785	17770147	461.543	493.489
18)	L4 AR-1242-3	5.593	4.850	25976396	9856936	468.801	512.467
19)	L4 AR-1242-4	5.692	4.935	20656273	9888277	479.927	510.570
20)	L4 AR-1242-5	6.431	5.460	20210820	11846768	489.021	491.611
21)	L5 AR-1248-1	5.508	4.654	29065532	13322400	638.975	682.025
22)	L5 AR-1248-2	5.784	4.893	16569226	7807240	256.433	288.152
23)	L5 AR-1248-3	5.988	4.935	20496257	9888277	300.967	346.521
24)	L5 AR-1248-4	6.393	5.107	19427537	10440470	269.051	310.842
25)	L5 AR-1248-5	6.431	5.502	20210820	9900479	289.800	303.936
26)	L6 AR-1254-1	6.365	5.460	14806668	11846768	202.950	235.518
27)	L6 AR-1254-2	6.589	5.609	16689734	2773334	156.958	63.464 #
28)	L6 AR-1254-3	6.954	6.014	7522150	3805866	69.044	53.568
29)	L6 AR-1254-4	7.241	6.244	4714958	2857524	63.384	64.526
30)	L6 AR-1254-5	7.661	6.664	1503633	1164038	19.815	19.194
31)	L7 AR-1260-1	7.122	6.132	1183134	1065462	15.060	22.037 #
32)	L7 AR-1260-2	7.376	6.334	774664	501559	8.965	8.553
33)	L7 AR-1260-3	7.661	6.488	1503633	568357	16.129	10.346 #
34)	L7 AR-1260-4	7.952	6.961	704006	199436	10.780	4.508 #
35)	L7 AR-1260-5	8.286	7.205	644047	478689	5.306	4.666
36)	L8 AR-1262-1	7.721	6.664	430012	1164038	4.798	18.171 #
37)	L8 AR-1262-2	8.286	7.205	644047	478689	4.556	4.195
38)	L8 AR-1262-3	8.607	0.000	291045	0	2.947	N.D. #
40)	L8 AR-1262-5	9.402f	7.997f	29688	1201404	0.580	33.019 #
41)	L9 AR-1268-1	8.607	0.000	291045	0	1.770	N.D. #
43)	L9 AR-1268-3	0.000	7.774	0	151592	N.D.	1.573 #

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 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
44) L9	AR-1268-4	9.402f	7.997f	29688	1201404	0.527	30.480 #
45) L9	AR-1268-5	9.757	8.336	481872	330321	1.255	1.085

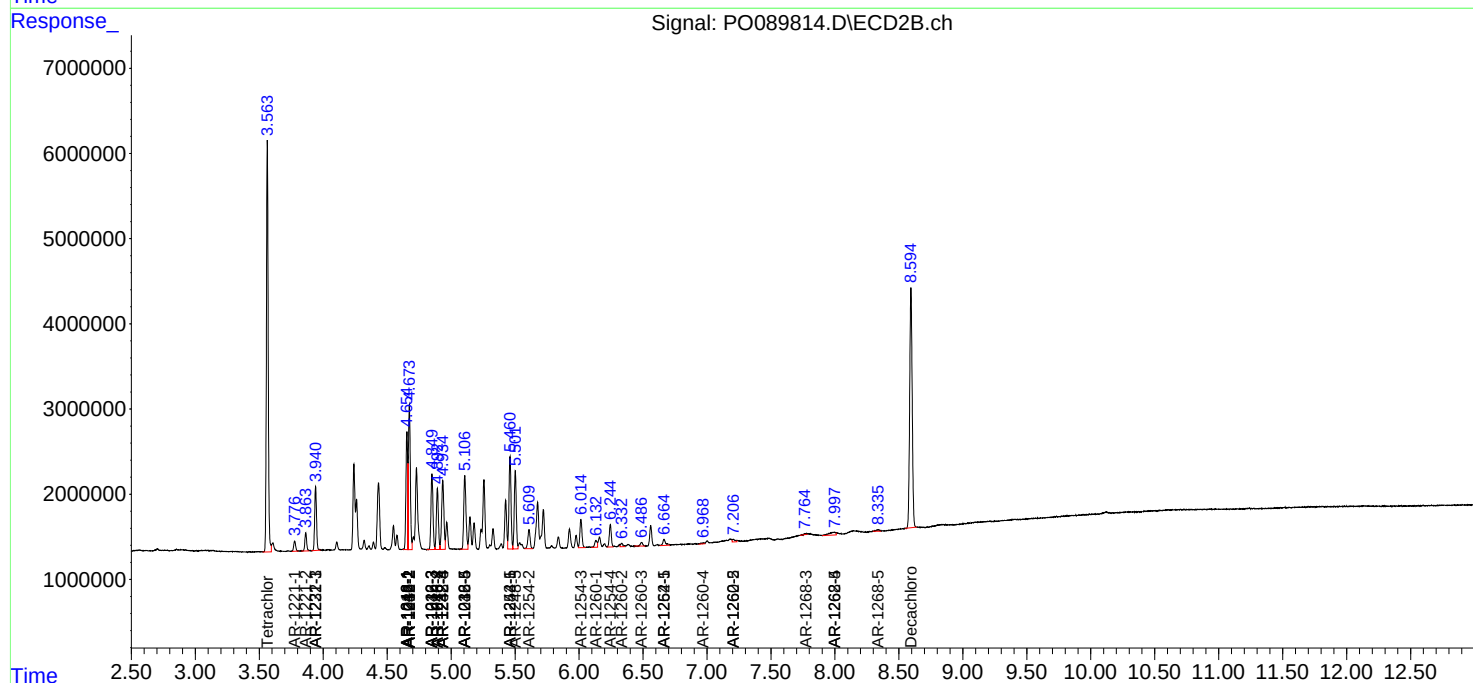
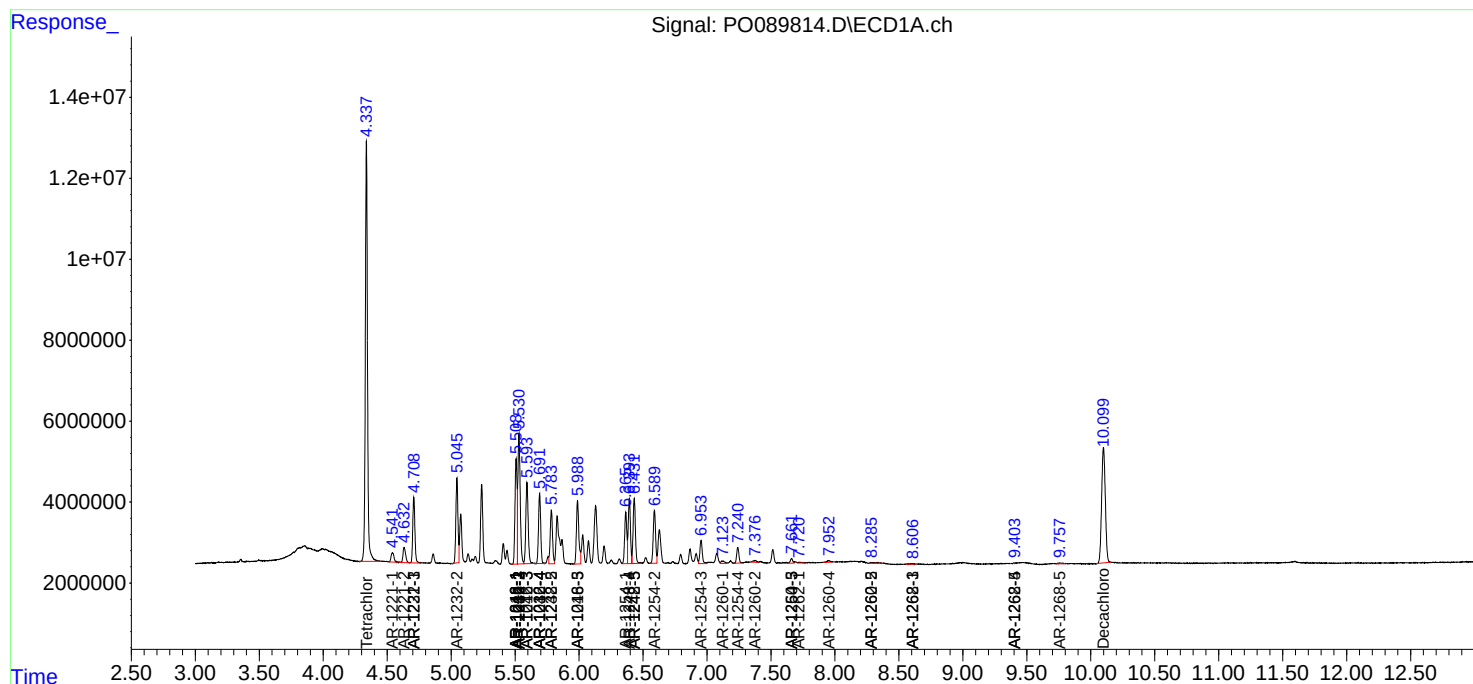
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

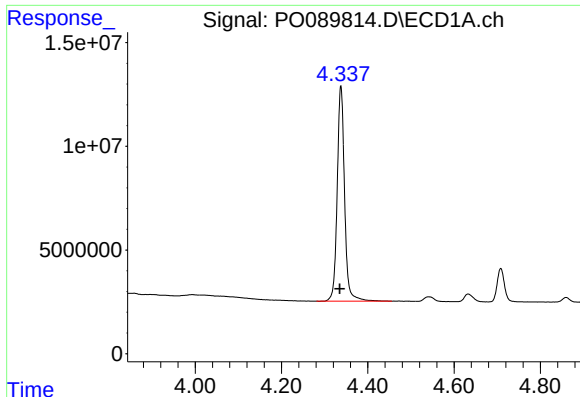
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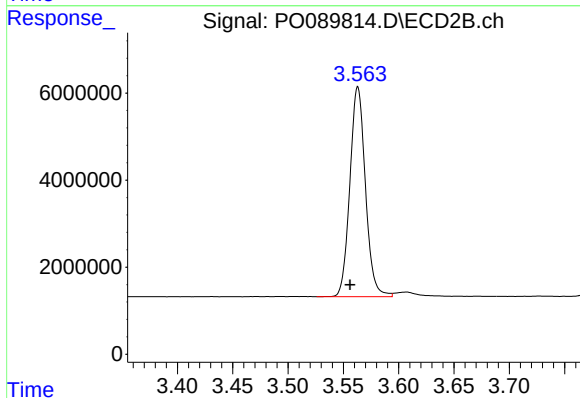




#1 Tetrachloro-m-xylene

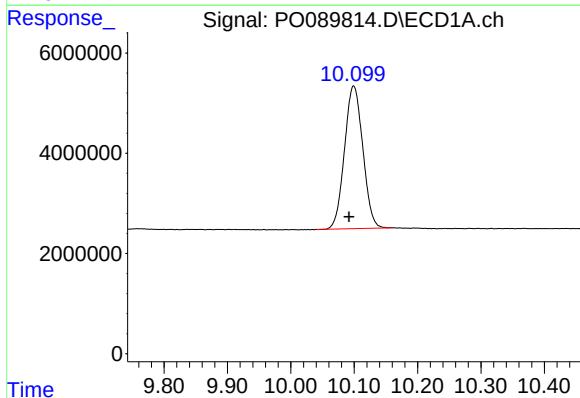
R.T.: 4.338 min
Delta R.T.: 0.003 min
Response: 123481192
Conc: 47.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



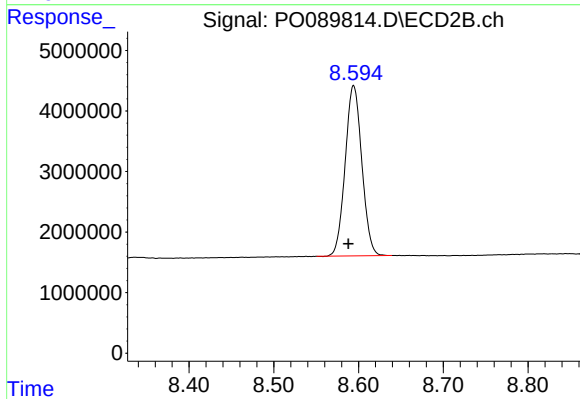
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.007 min
Response: 47128576
Conc: 52.19 ng/ml



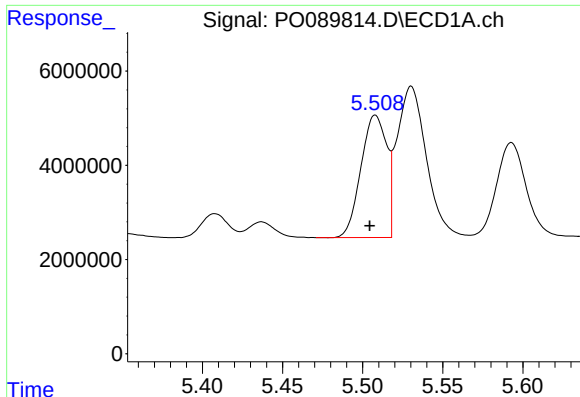
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: 0.007 min
Response: 57166320
Conc: 53.18 ng/ml



#2 Decachlorobiphenyl

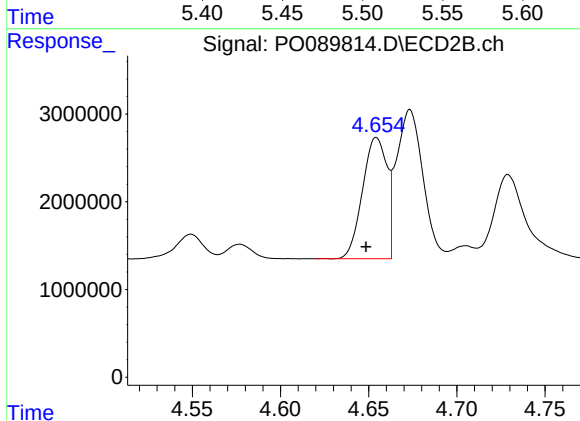
R.T.: 8.594 min
Delta R.T.: 0.006 min
Response: 38407888
Conc: 48.34 ng/ml



#3 AR-1016-1

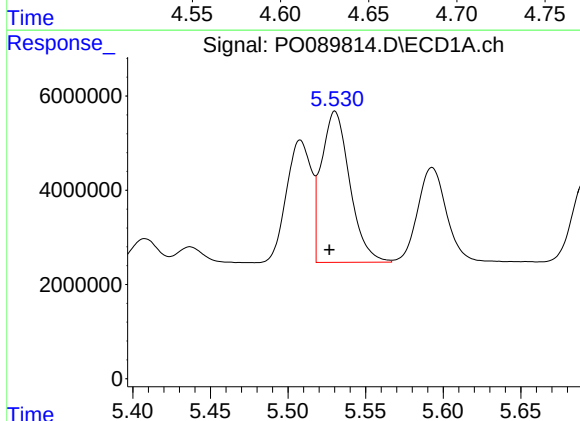
R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 29065532
Conc: 415.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



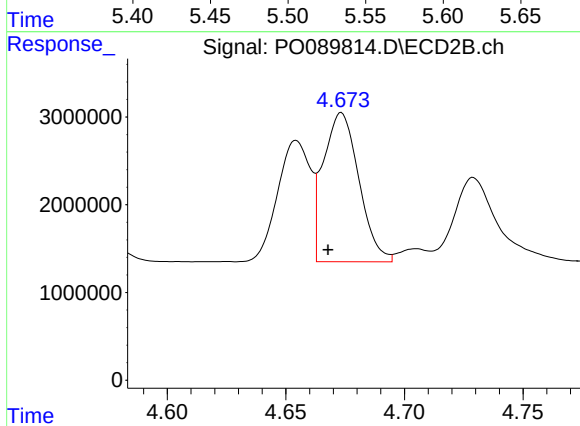
#3 AR-1016-1

R.T.: 4.654 min
Delta R.T.: 0.006 min
Response: 13322400
Conc: 422.57 ng/ml



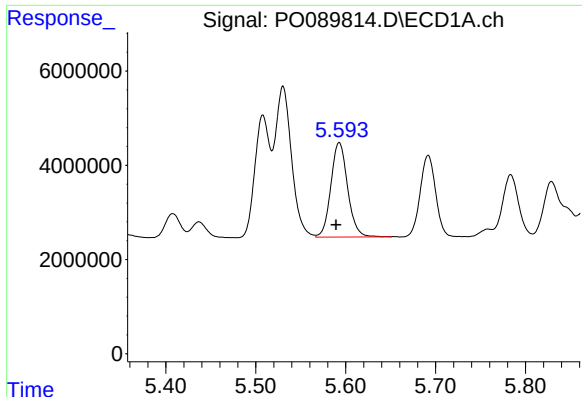
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: 0.004 min
Response: 40842785
Conc: 404.70 ng/ml



#4 AR-1016-2

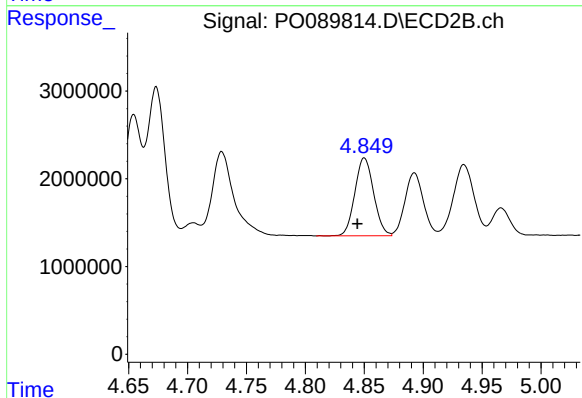
R.T.: 4.673 min
Delta R.T.: 0.006 min
Response: 17770147
Conc: 417.90 ng/ml



#5 AR-1016-3

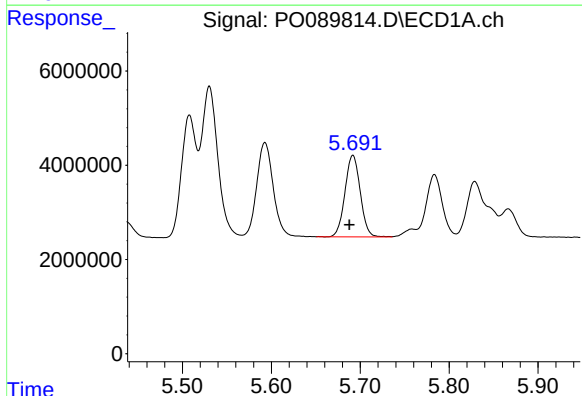
R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 25976396
Conc: 416.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



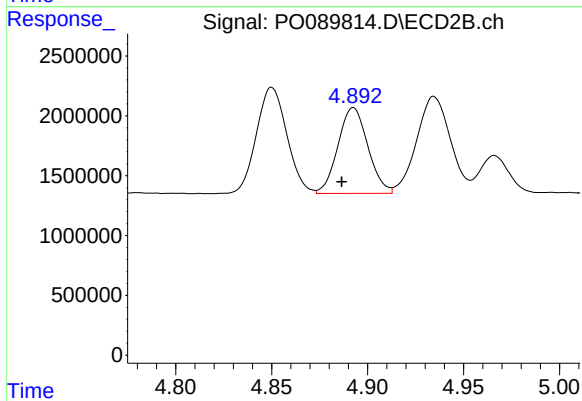
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: 0.006 min
Response: 9856936
Conc: 440.21 ng/ml



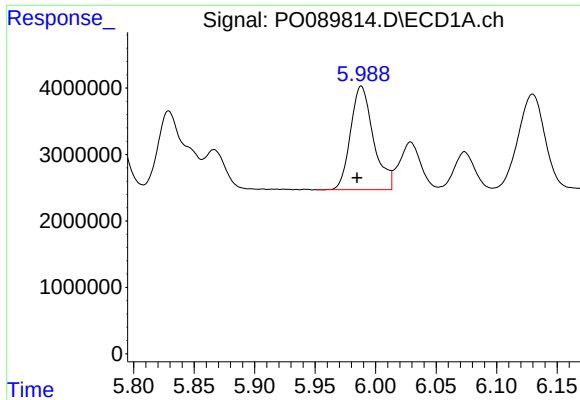
#6 AR-1016-4

R.T.: 5.692 min
Delta R.T.: 0.004 min
Response: 20656273
Conc: 421.26 ng/ml



#6 AR-1016-4

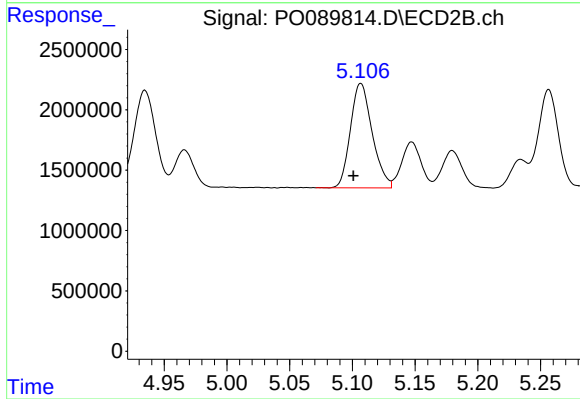
R.T.: 4.893 min
Delta R.T.: 0.006 min
Response: 7807240
Conc: 442.81 ng/ml



#7 AR-1016-5

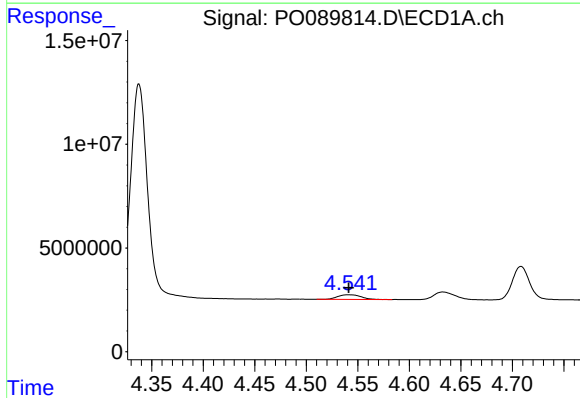
R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 20496257
Conc: 437.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



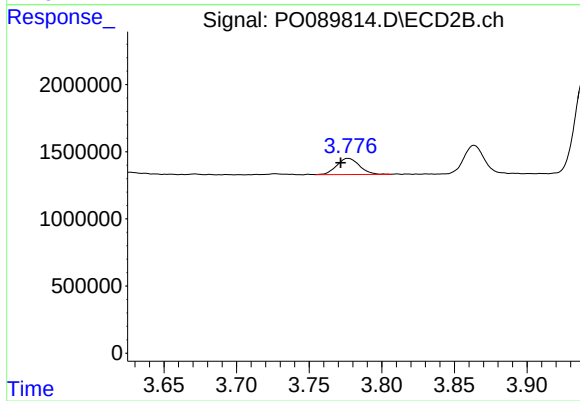
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: 0.006 min
Response: 10440470
Conc: 429.59 ng/ml



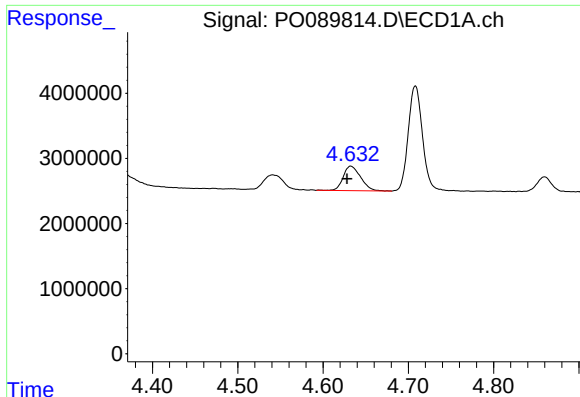
#8 AR-1221-1

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 3623437
Conc: 121.01 ng/ml



#8 AR-1221-1

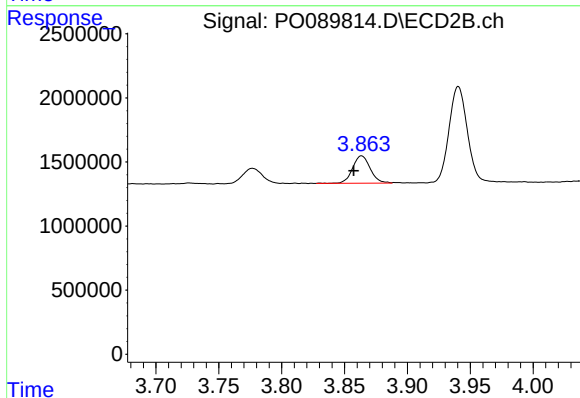
R.T.: 3.777 min
Delta R.T.: 0.005 min
Response: 1301179
Conc: 123.80 ng/ml



#9 AR-1221-2

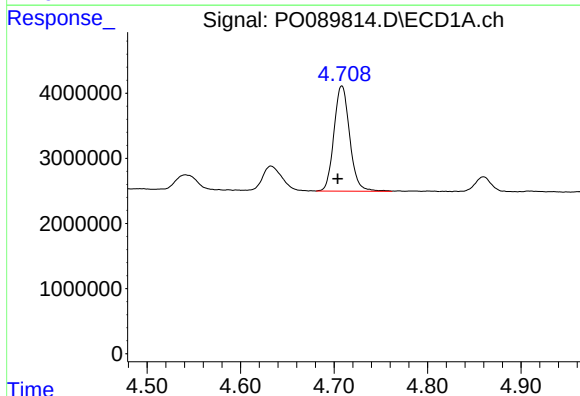
R.T.: 4.633 min
Delta R.T.: 0.004 min
Response: 5363559
Conc: 241.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



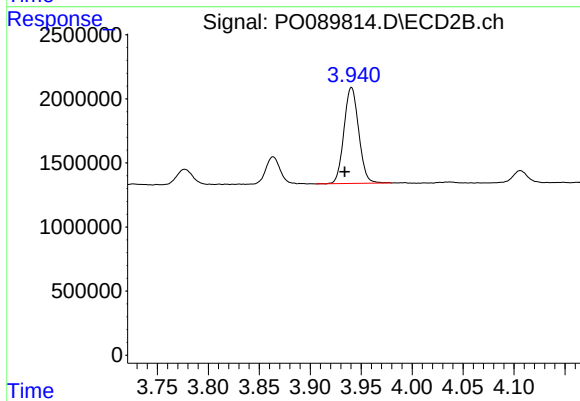
#9 AR-1221-2

R.T.: 3.864 min
Delta R.T.: 0.006 min
Response: 2094405
Conc: 264.28 ng/ml



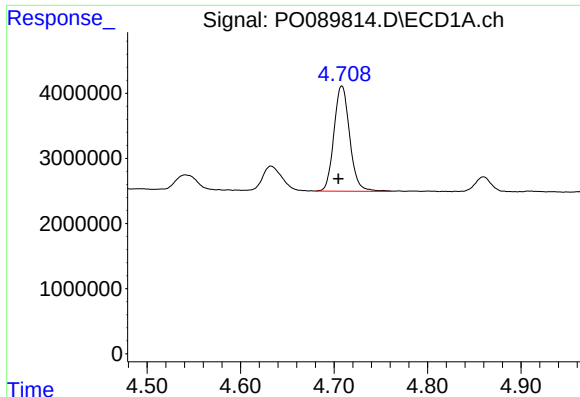
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: 0.004 min
Response: 18878517
Conc: 280.14 ng/ml



#10 AR-1221-3

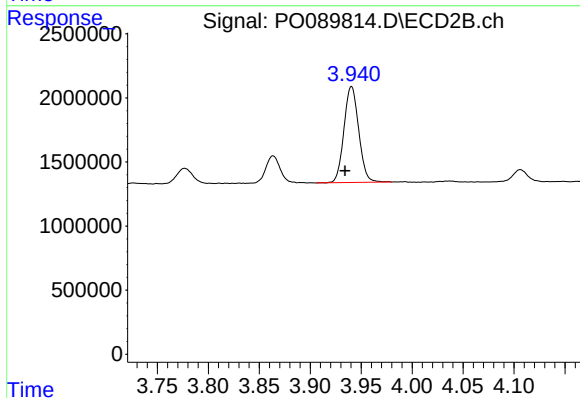
R.T.: 3.941 min
Delta R.T.: 0.007 min
Response: 7566722
Conc: 295.95 ng/ml



#11 AR-1232-1

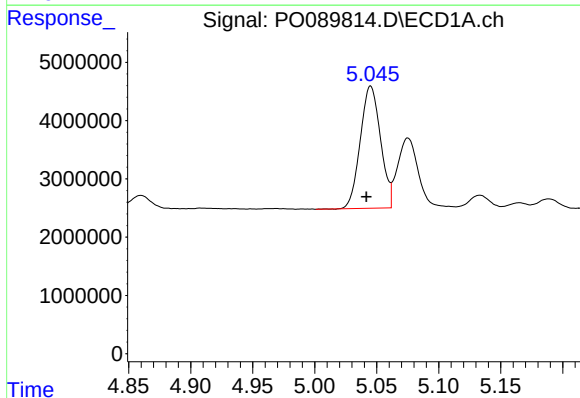
R.T.: 4.708 min
Delta R.T.: 0.004 min
Response: 18878517
Conc: 343.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



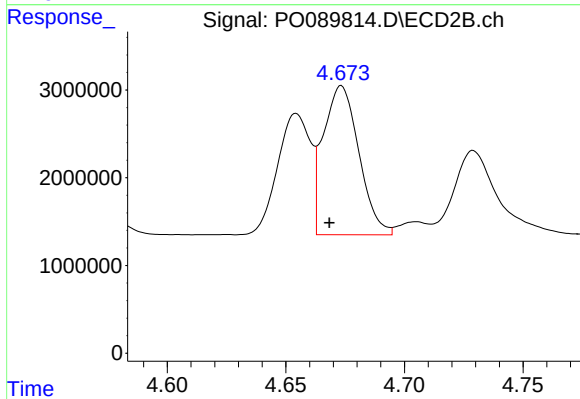
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: 0.006 min
Response: 7566722
Conc: 376.46 ng/ml



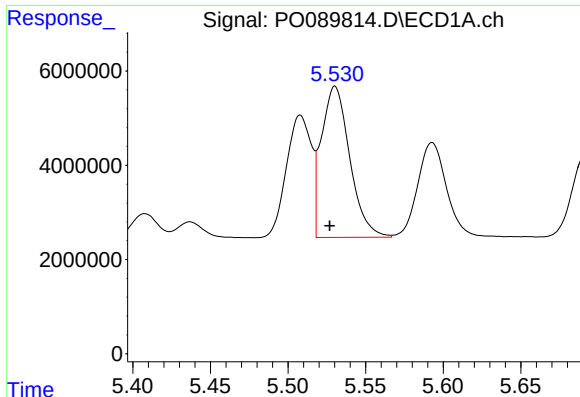
#12 AR-1232-2

R.T.: 5.045 min
Delta R.T.: 0.004 min
Response: 23810683
Conc: 1006.19 ng/ml



#12 AR-1232-2

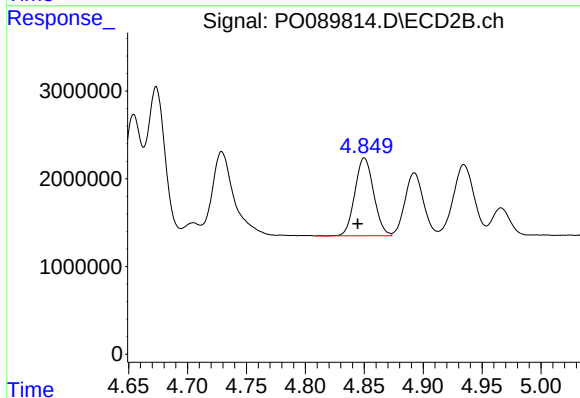
R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 17770147
Conc: 961.24 ng/ml



#13 AR-1232-3

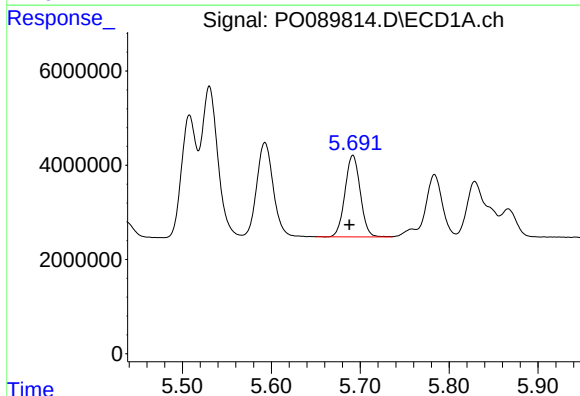
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 40842785
Conc: 908.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



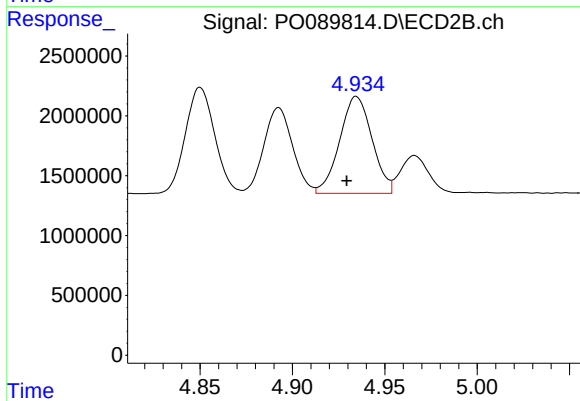
#13 AR-1232-3

R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 9856936
Conc: 1032.55 ng/ml



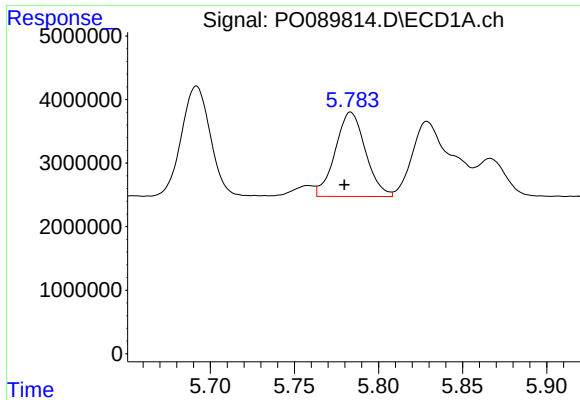
#14 AR-1232-4

R.T.: 5.692 min
Delta R.T.: 0.004 min
Response: 20656273
Conc: 953.15 ng/ml



#14 AR-1232-4

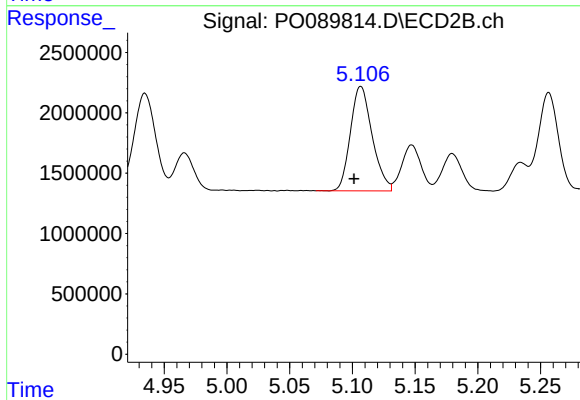
R.T.: 4.935 min
Delta R.T.: 0.005 min
Response: 9888277
Conc: 1134.84 ng/ml



#15 AR-1232-5

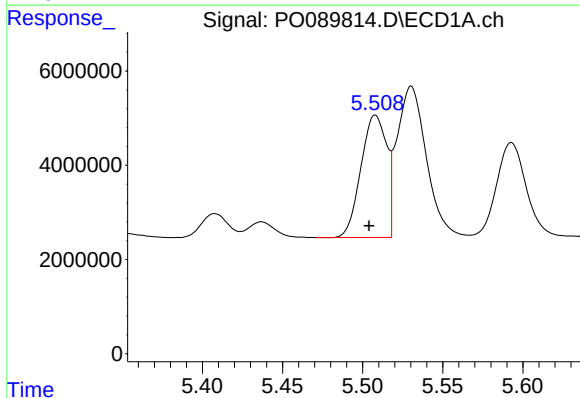
R.T.: 5.784 min
Delta R.T.: 0.004 min
Response: 16569226
Conc: 960.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



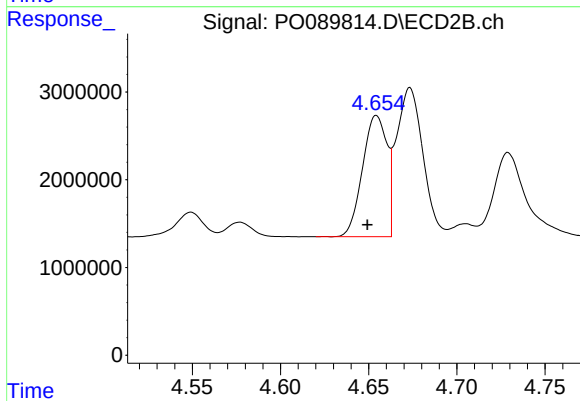
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: 0.005 min
Response: 10440470
Conc: 1069.09 ng/ml



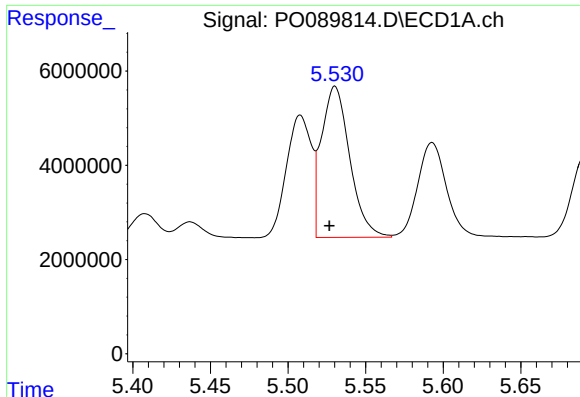
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 29065532
Conc: 472.22 ng/ml



#16 AR-1242-1

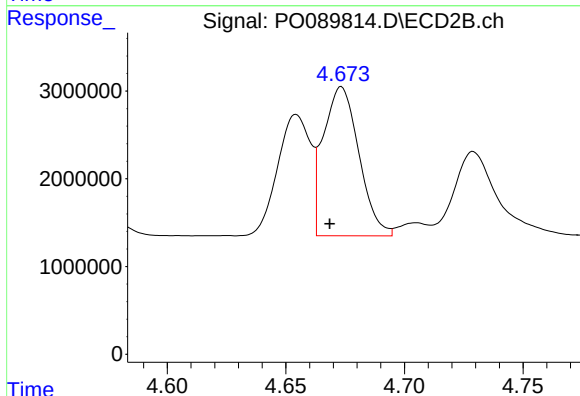
R.T.: 4.654 min
Delta R.T.: 0.005 min
Response: 13322400
Conc: 493.60 ng/ml



#17 AR-1242-2

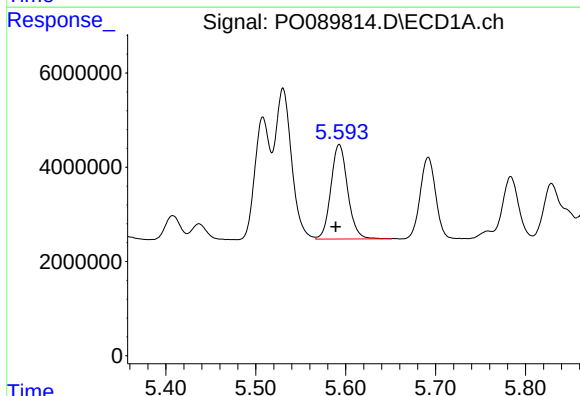
R.T.: 5.530 min
Delta R.T.: 0.004 min
Response: 40842785
Conc: 461.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



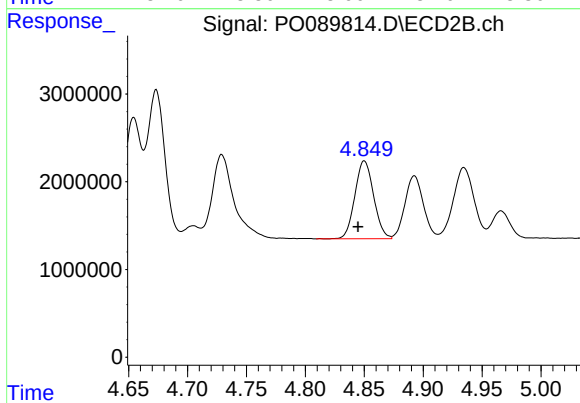
#17 AR-1242-2

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 17770147
Conc: 493.49 ng/ml



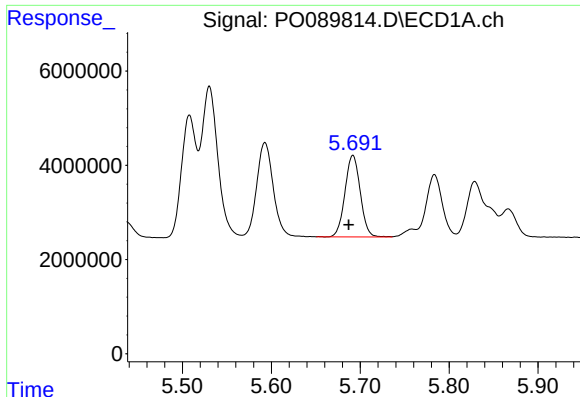
#18 AR-1242-3

R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 25976396
Conc: 468.80 ng/ml



#18 AR-1242-3

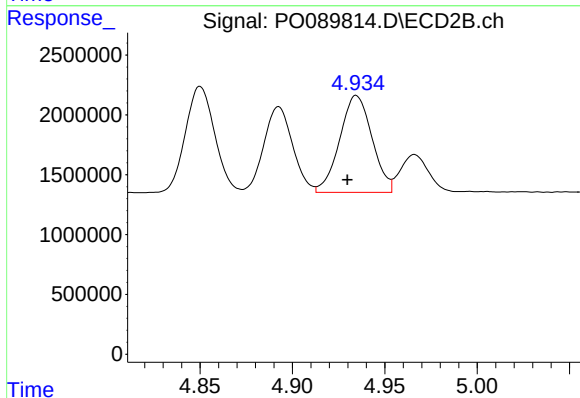
R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 9856936
Conc: 512.47 ng/ml



#19 AR-1242-4

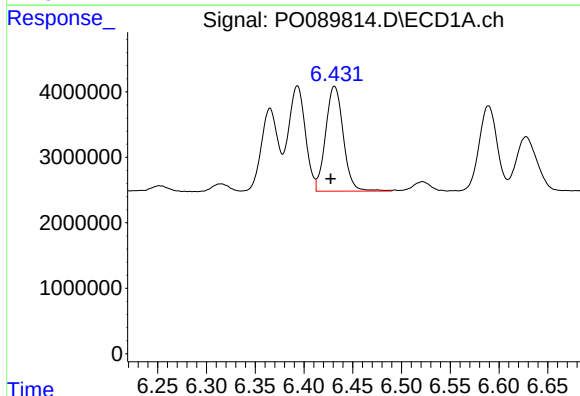
R.T.: 5.692 min
Delta R.T.: 0.005 min
Response: 20656273
Conc: 479.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



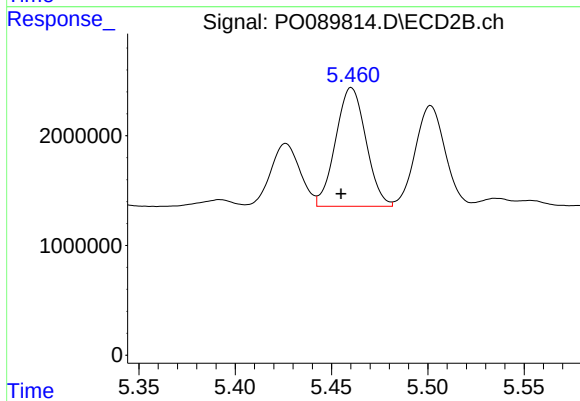
#19 AR-1242-4

R.T.: 4.935 min
Delta R.T.: 0.005 min
Response: 9888277
Conc: 510.57 ng/ml



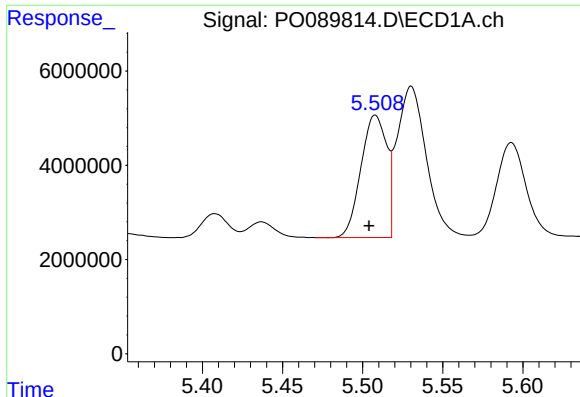
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: 0.004 min
Response: 20210820
Conc: 489.02 ng/ml



#20 AR-1242-5

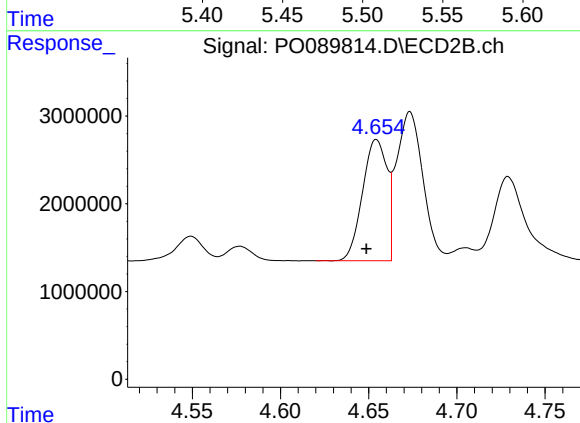
R.T.: 5.460 min
Delta R.T.: 0.005 min
Response: 11846768
Conc: 491.61 ng/ml



#21 AR-1248-1

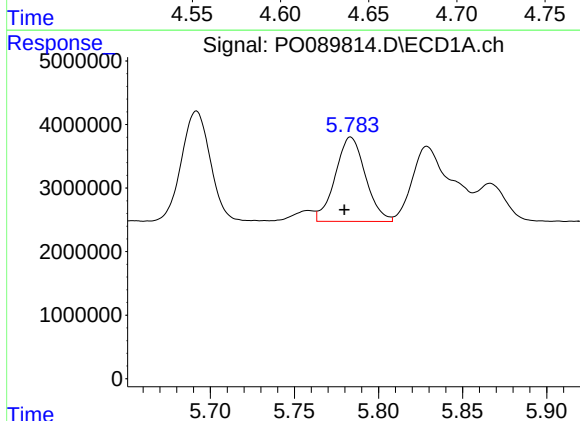
R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 29065532
Conc: 638.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



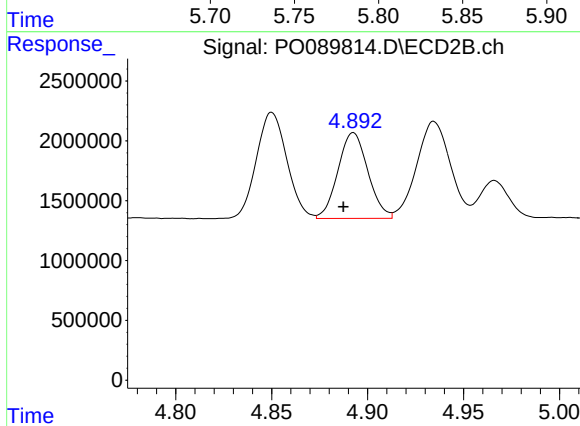
#21 AR-1248-1

R.T.: 4.654 min
Delta R.T.: 0.006 min
Response: 13322400
Conc: 682.03 ng/ml



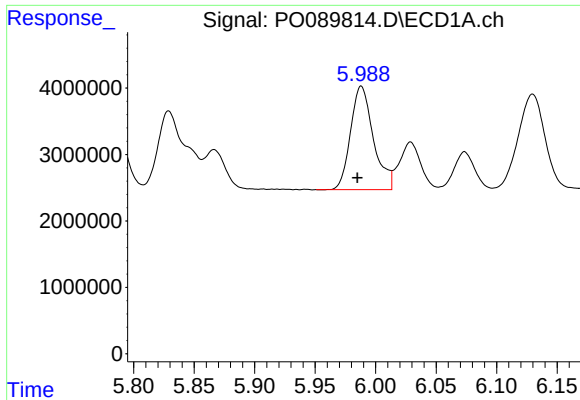
#22 AR-1248-2

R.T.: 5.784 min
Delta R.T.: 0.004 min
Response: 16569226
Conc: 256.43 ng/ml



#22 AR-1248-2

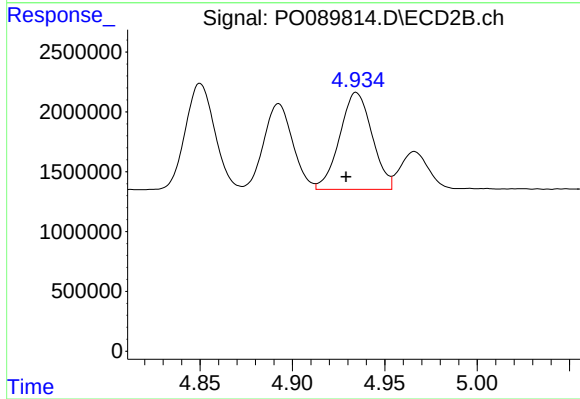
R.T.: 4.893 min
Delta R.T.: 0.005 min
Response: 7807240
Conc: 288.15 ng/ml



#23 AR-1248-3

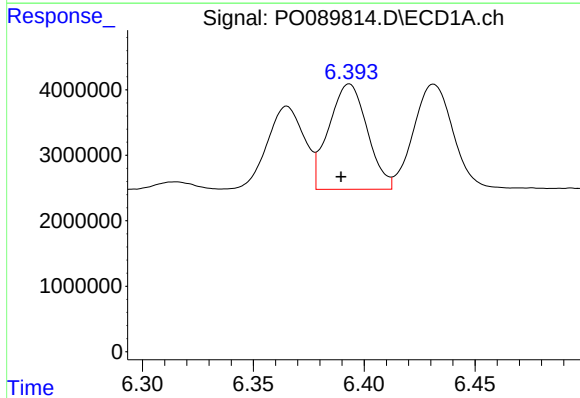
R.T.: 5.988 min
Delta R.T.: 0.003 min
Response: 20496257
Conc: 300.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



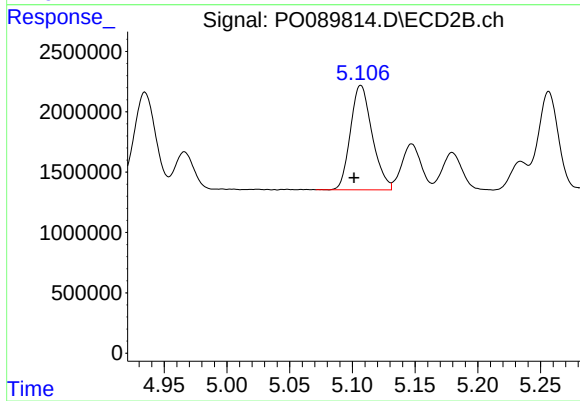
#23 AR-1248-3

R.T.: 4.935 min
Delta R.T.: 0.006 min
Response: 9888277
Conc: 346.52 ng/ml



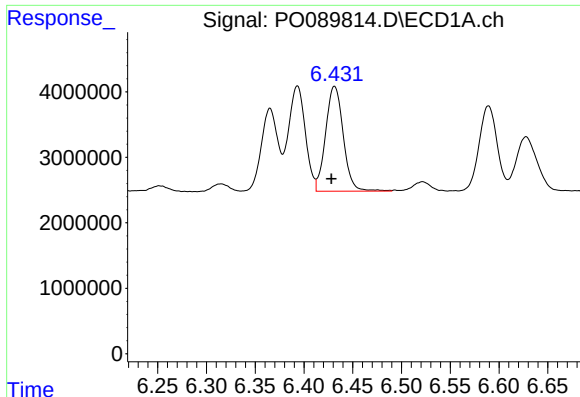
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 19427537
Conc: 269.05 ng/ml



#24 AR-1248-4

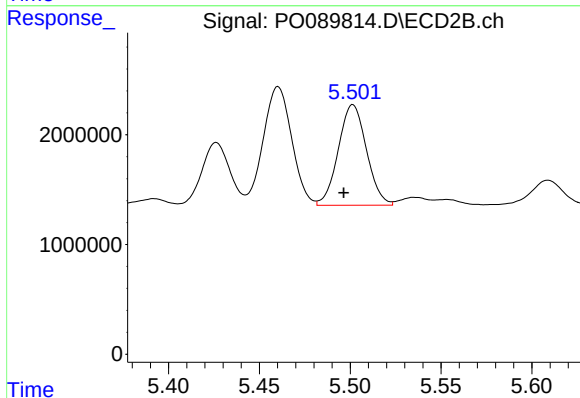
R.T.: 5.107 min
Delta R.T.: 0.005 min
Response: 10440470
Conc: 310.84 ng/ml



#25 AR-1248-5

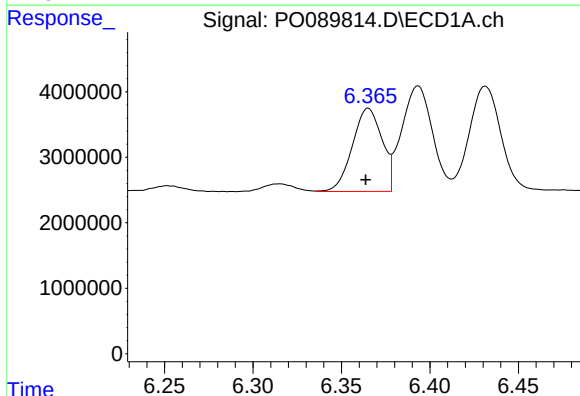
R.T.: 6.431 min
Delta R.T.: 0.003 min
Response: 20210820
Conc: 289.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



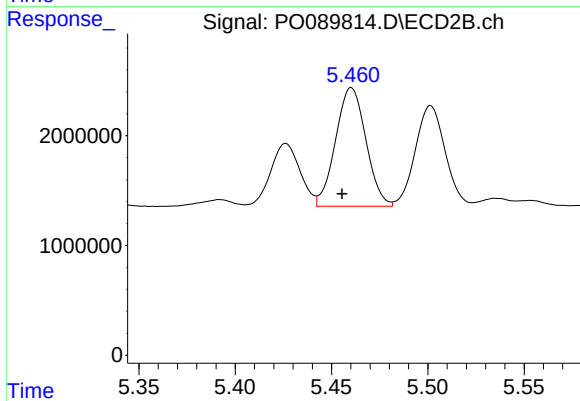
#25 AR-1248-5

R.T.: 5.502 min
Delta R.T.: 0.005 min
Response: 9900479
Conc: 303.94 ng/ml



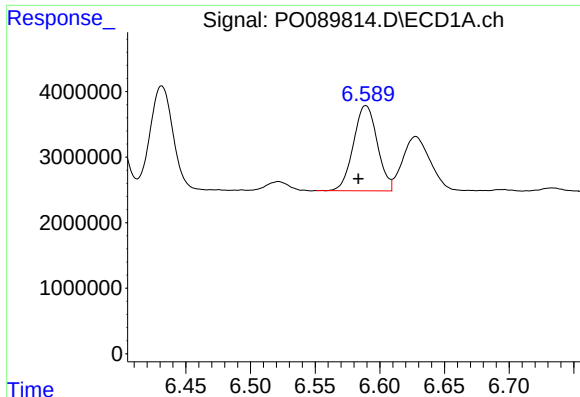
#26 AR-1254-1

R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 14806668
Conc: 202.95 ng/ml



#26 AR-1254-1

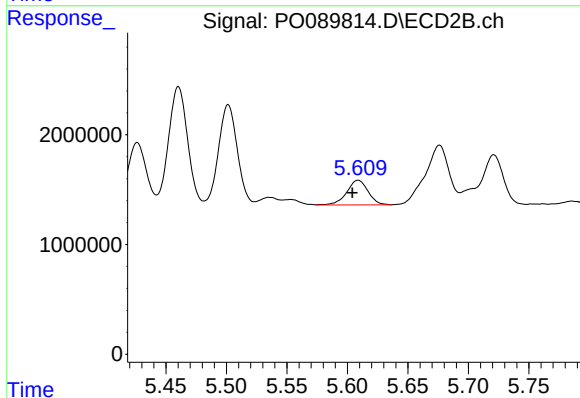
R.T.: 5.460 min
Delta R.T.: 0.005 min
Response: 11846768
Conc: 235.52 ng/ml



#27 AR-1254-2

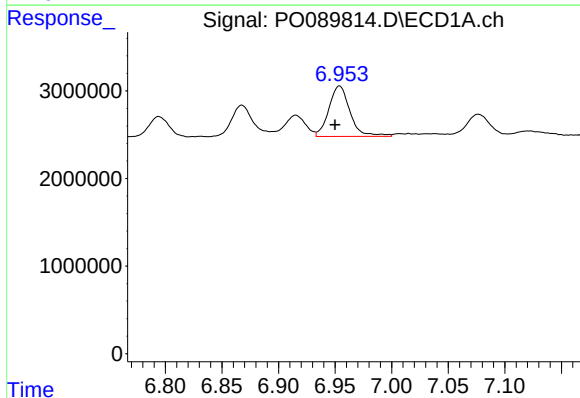
R.T.: 6.589 min
Delta R.T.: 0.006 min
Response: 16689734
Conc: 156.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



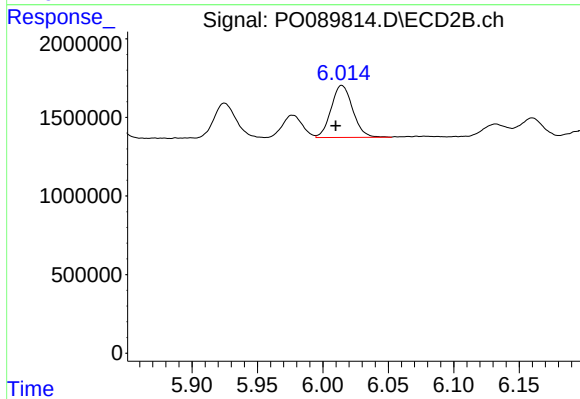
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: 0.005 min
Response: 2773334
Conc: 63.46 ng/ml



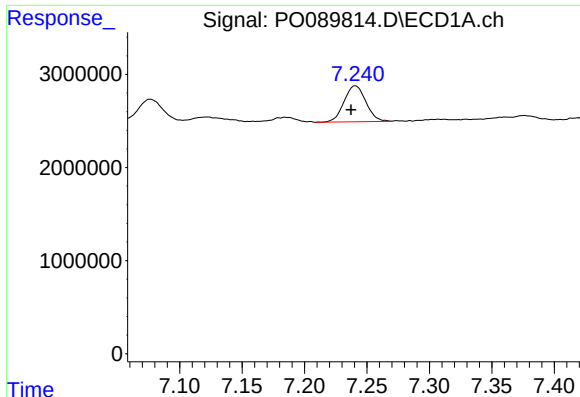
#28 AR-1254-3

R.T.: 6.954 min
Delta R.T.: 0.004 min
Response: 7522150
Conc: 69.04 ng/ml



#28 AR-1254-3

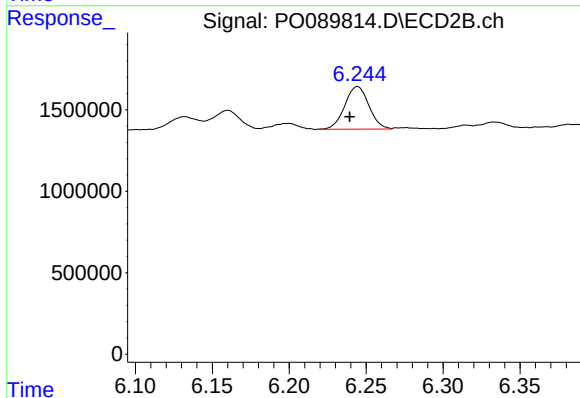
R.T.: 6.014 min
Delta R.T.: 0.005 min
Response: 3805866
Conc: 53.57 ng/ml



#29 AR-1254-4

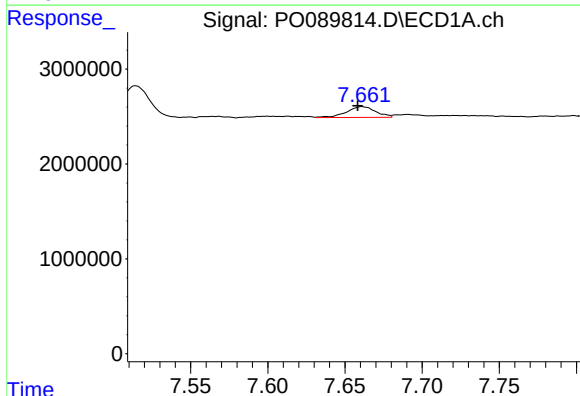
R.T.: 7.241 min
Delta R.T.: 0.003 min
Response: 4714958
Conc: 63.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



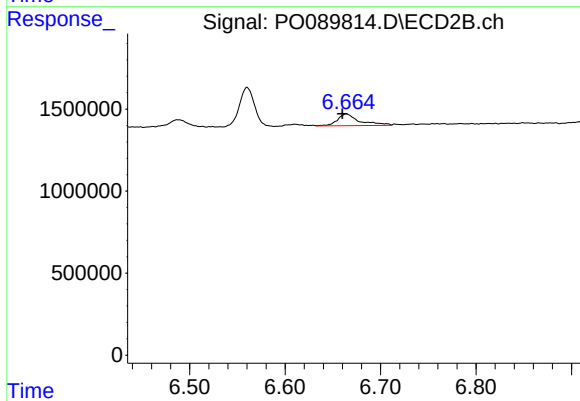
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 2857524
Conc: 64.53 ng/ml



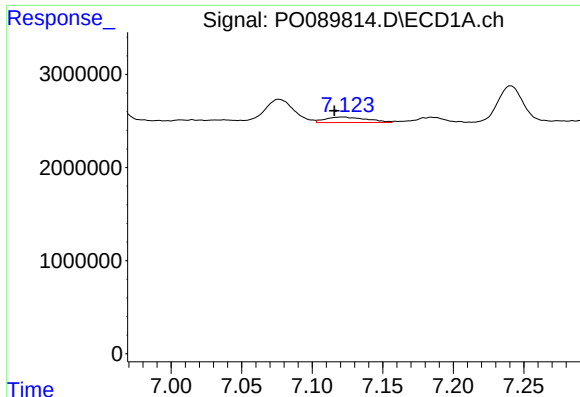
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: 0.003 min
Response: 1503633
Conc: 19.82 ng/ml



#30 AR-1254-5

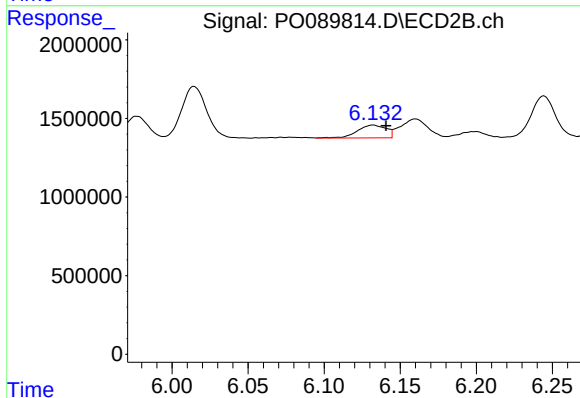
R.T.: 6.664 min
Delta R.T.: 0.004 min
Response: 1164038
Conc: 19.19 ng/ml



#31 AR-1260-1

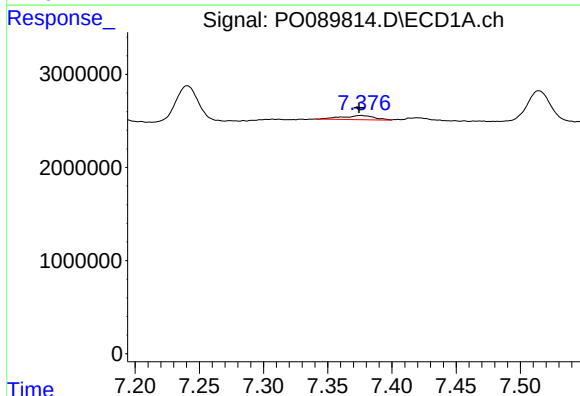
R.T.: 7.122 min
Delta R.T.: 0.006 min
Response: 1183134
Conc: 15.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



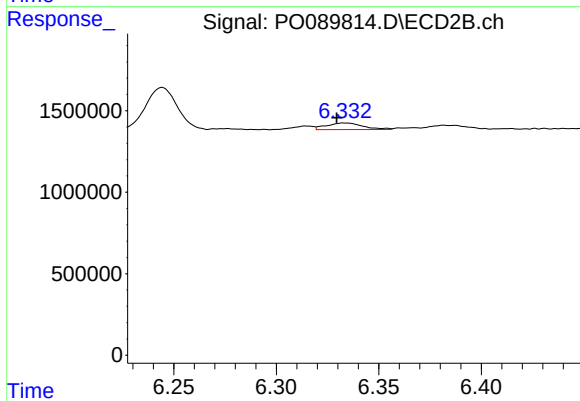
#31 AR-1260-1

R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 1065462
Conc: 22.04 ng/ml



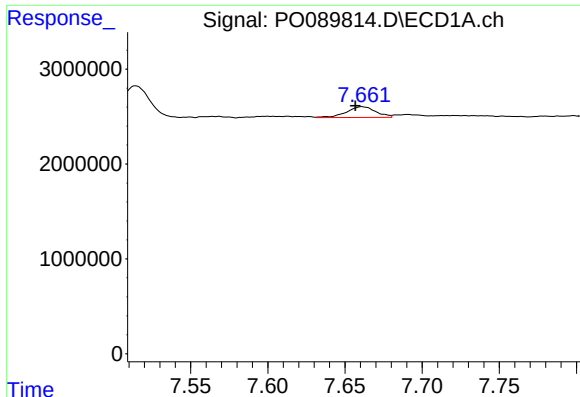
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: 0.002 min
Response: 774664
Conc: 8.97 ng/ml



#32 AR-1260-2

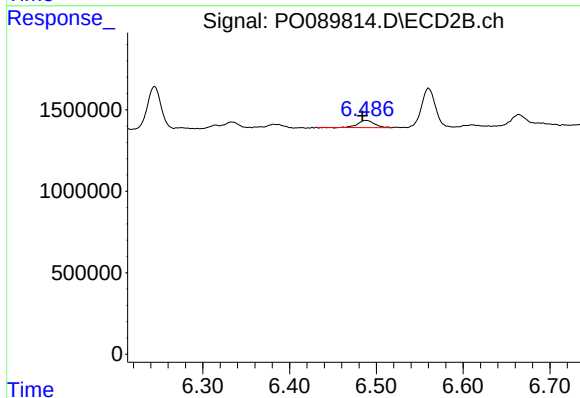
R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 501559
Conc: 8.55 ng/ml



#33 AR-1260-3

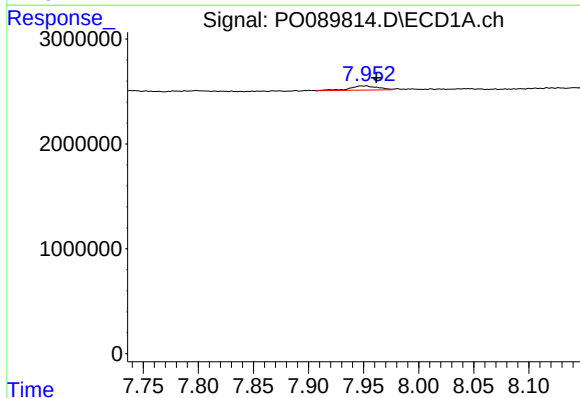
R.T.: 7.661 min
Delta R.T.: 0.004 min
Response: 1503633
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



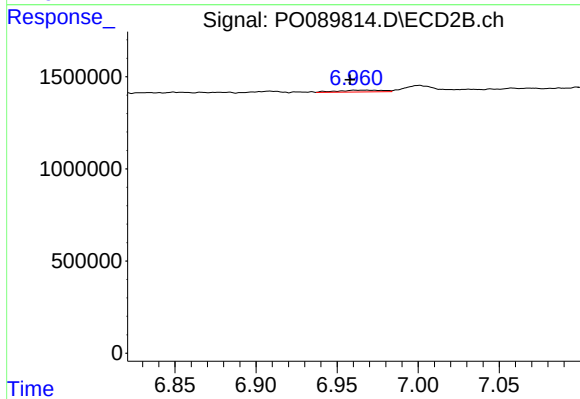
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: 0.004 min
Response: 568357
Conc: 10.35 ng/ml



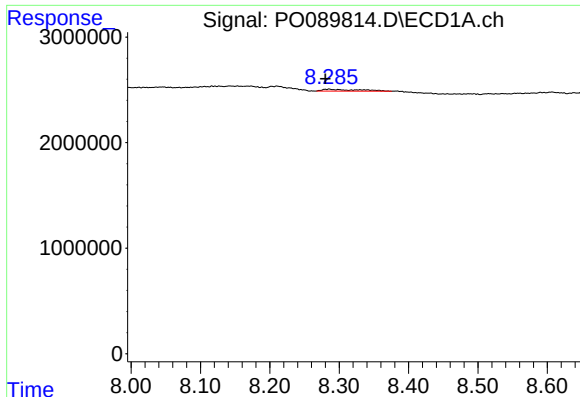
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: -0.010 min
Response: 704006
Conc: 10.78 ng/ml



#34 AR-1260-4

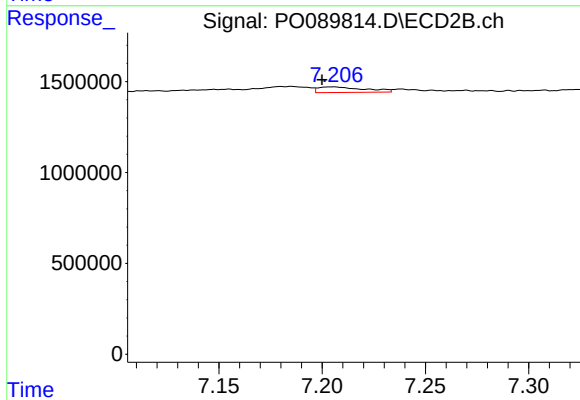
R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 199436
Conc: 4.51 ng/ml



#35 AR-1260-5

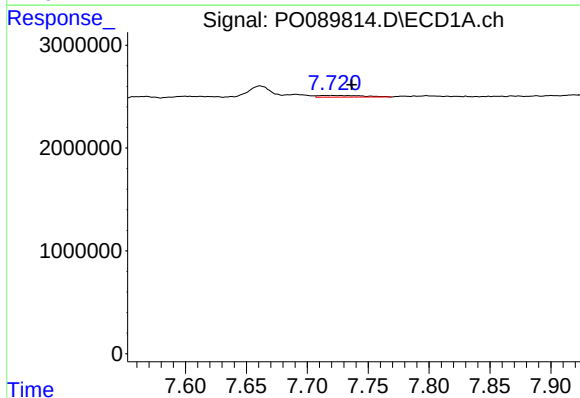
R.T.: 8.286 min
Delta R.T.: 0.006 min
Response: 644047
Conc: 5.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



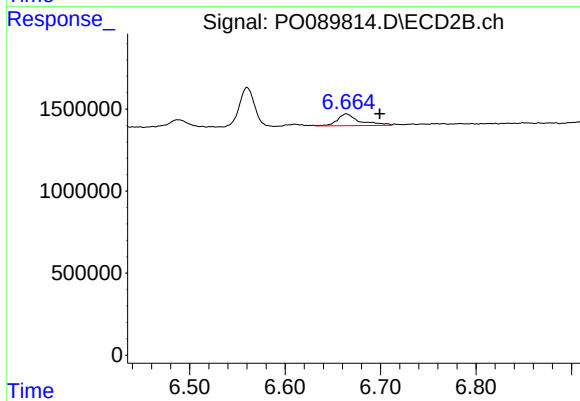
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: 0.005 min
Response: 478689
Conc: 4.67 ng/ml



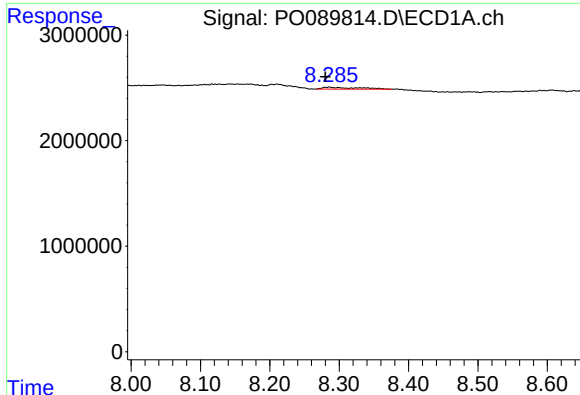
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.016 min
Response: 430012
Conc: 4.80 ng/ml



#36 AR-1262-1

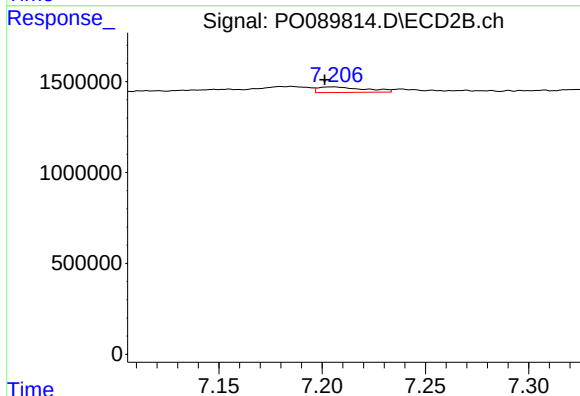
R.T.: 6.664 min
Delta R.T.: -0.035 min
Response: 1164038
Conc: 18.17 ng/ml



#37 AR-1262-2

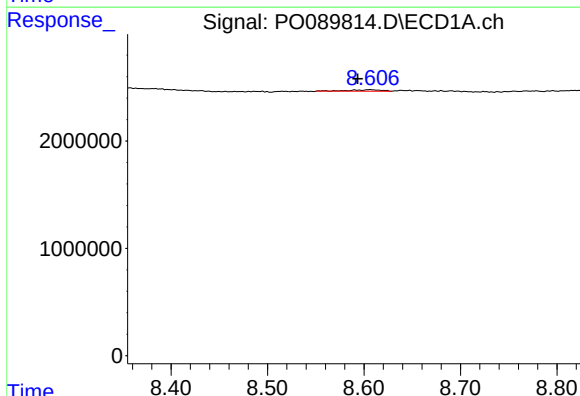
R.T.: 8.286 min
Delta R.T.: 0.005 min
Response: 644047
Conc: 4.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



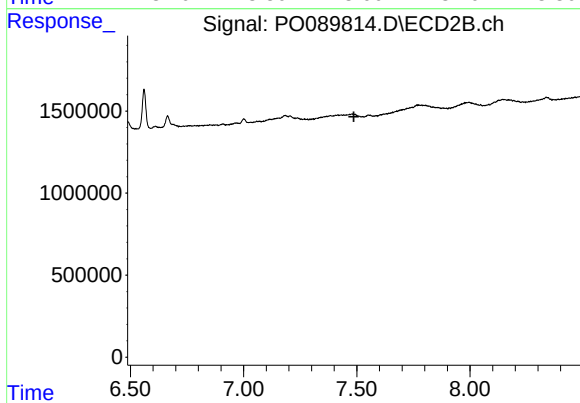
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: 0.004 min
Response: 478689
Conc: 4.19 ng/ml



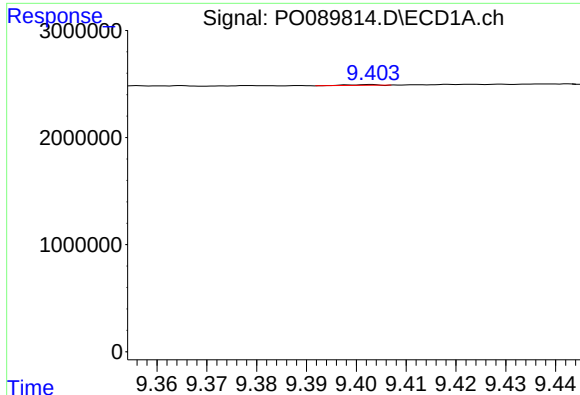
#38 AR-1262-3

R.T.: 8.607 min
Delta R.T.: 0.013 min
Response: 291045
Conc: 2.95 ng/ml



#38 AR-1262-3

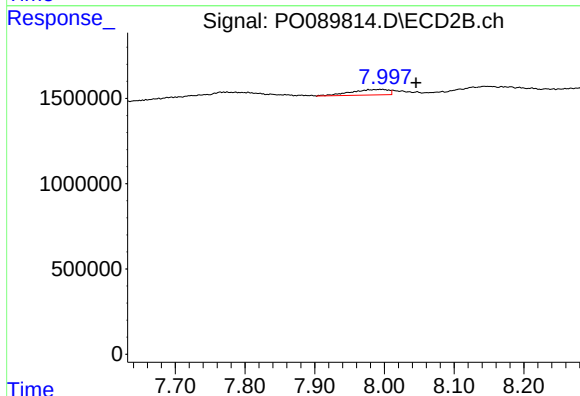
R.T.: 0.000 min
Exp R.T. : 7.487 min
Response: 0
Conc: N.D.



#40 AR-1262-5

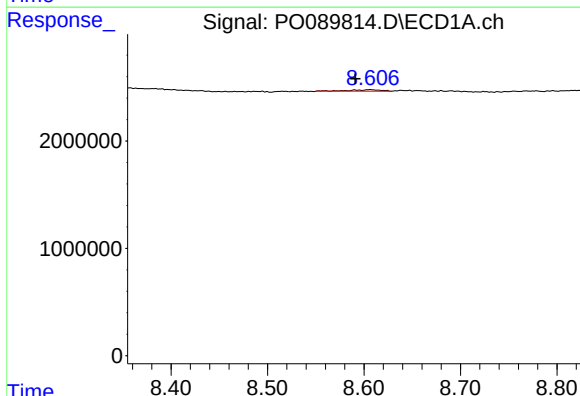
R.T.: 9.402 min
Delta R.T.: 0.065 min
Response: 29688
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



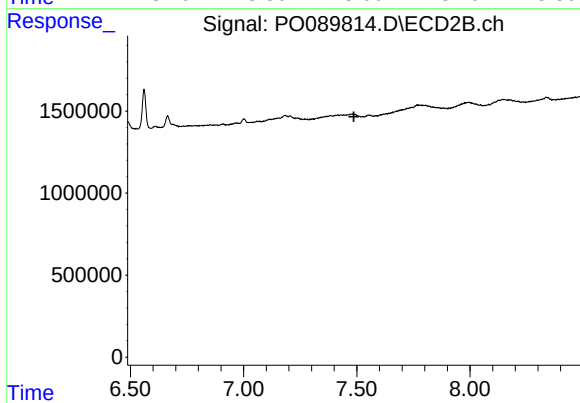
#40 AR-1262-5

R.T.: 7.997 min
Delta R.T.: -0.049 min
Response: 1201404
Conc: 33.02 ng/ml



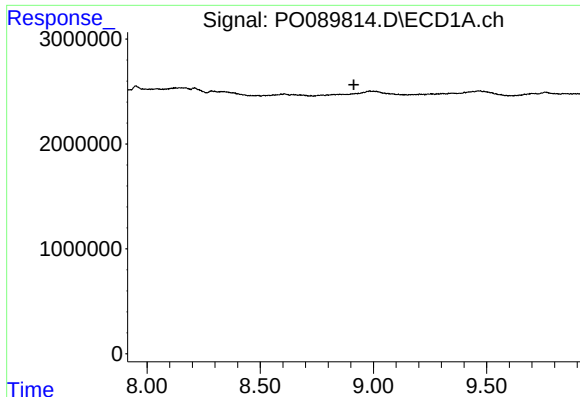
#41 AR-1268-1

R.T.: 8.607 min
Delta R.T.: 0.015 min
Response: 291045
Conc: 1.77 ng/ml



#41 AR-1268-1

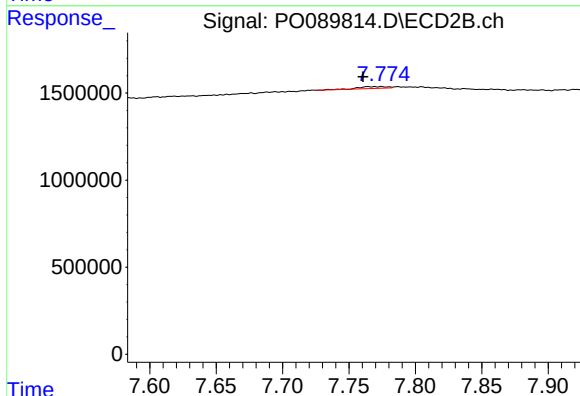
R.T.: 0.000 min
Exp R.T.: 7.487 min
Response: 0
Conc: N.D.



#43 AR-1268-3

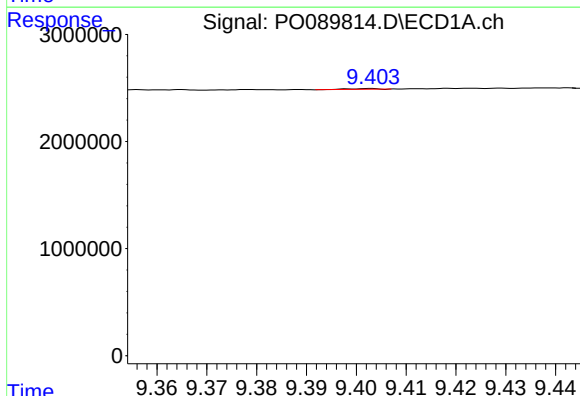
R.T.: 0.000 min
Exp R.T.: 8.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



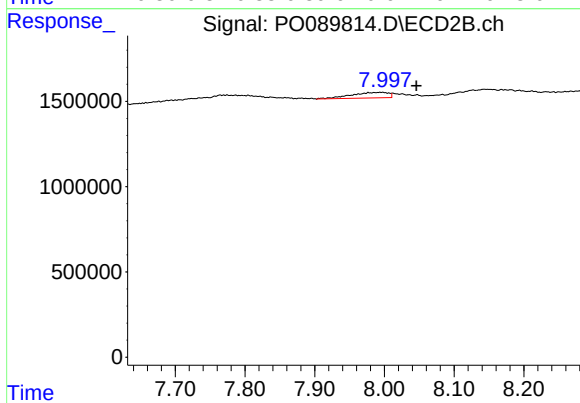
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: 0.014 min
Response: 151592
Conc: 1.57 ng/ml



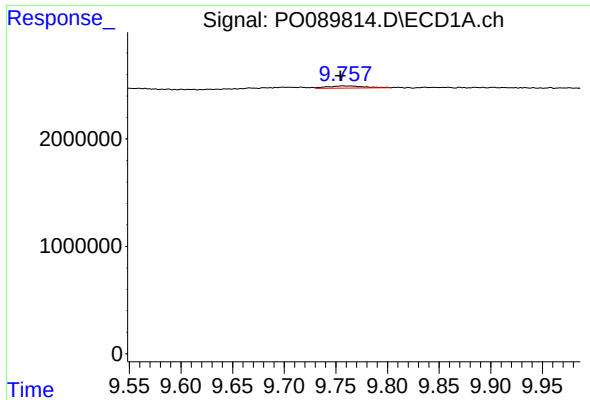
#44 AR-1268-4

R.T.: 9.402 min
Delta R.T.: 0.064 min
Response: 29688
Conc: 0.53 ng/ml



#44 AR-1268-4

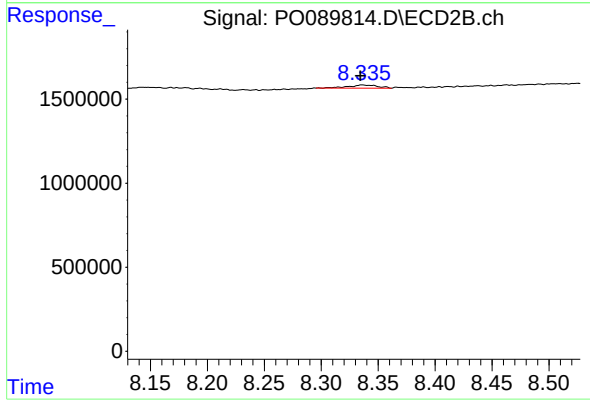
R.T.: 7.997 min
Delta R.T.: -0.049 min
Response: 1201404
Conc: 30.48 ng/ml



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: 0.003 min
Response: 481872
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: 0.002 min
Response: 330321
Conc: 1.08 ng/ml