

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120423\
 Data File : PO100238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 10:57
 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: Dec 04 14:39:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.482	3.704	71076038	62103736	41.642	41.405
2)	SA Decachlor...	10.365	8.797	39614095	56171654	54.539	50.198
Target Compounds							
3)	L1 AR-1016-1	5.670	4.808	15284766	10995955	355.242	348.235
4)	L1 AR-1016-2	5.692	4.828	22320354	14983894	344.757	346.543
5)	L1 AR-1016-3	5.756	5.007	14418997	8414919	330.817	362.852
6)	L1 AR-1016-4	5.855	5.049	11321425	7037866	342.976	343.291
7)	L1 AR-1016-5	6.154	5.266	11121627	9077001	354.210	355.930
8)	L2 AR-1221-1	4.689	3.920	2019279	1919031	97.951	100.949
9)	L2 AR-1221-2	4.783	4.008	3034183	2703917	200.883	207.493
10)	L2 AR-1221-3	4.859	4.086	9922589	8372359	221.119	233.079
11)	L3 AR-1232-1	4.859	4.086	9922589	8372359	278.093	285.302
12)	L3 AR-1232-2	5.397	4.828	12616963	14983894	724.919	755.575
13)	L3 AR-1232-3	5.692	5.007	22320354	8414919	787.673	811.993
14)	L3 AR-1232-4	5.855	5.091	11321425	8782696	814.978	883.584
15)	L3 AR-1232-5	5.947	5.266	10413096	9077001	848.509	840.450
16)	L4 AR-1242-1	5.670	4.808	15284766	10995955	441.208	418.399
17)	L4 AR-1242-2	5.692	4.828	22320354	14983894	425.345	426.135
18)	L4 AR-1242-3	5.756	5.007	14418997	8414919	414.290	439.421
19)	L4 AR-1242-4	5.855	5.091	11321425	8782696	430.630	436.037
20)	L4 AR-1242-5	6.602	5.621	10144528	10804421	453.712	462.403
21)	L5 AR-1248-1	5.670	4.808	15284766	10995955	591.227	550.025
22)	L5 AR-1248-2	5.947	5.049	10413096	7037866	254.619	251.525
23)	L5 AR-1248-3	6.154	5.091	11121627	8782696	259.651	304.132
24)	L5 AR-1248-4	6.563	5.266	9814416	9077001	260.389	276.825
25)	L5 AR-1248-5	6.602	5.663	10144528	8592774	274.675	287.656
26)	L6 AR-1254-1	6.535	5.621	7704877	10804421	160.008	208.430 #
27)	L6 AR-1254-2	6.761	5.771	9013988	3383891	131.437	72.666 #
28)	L6 AR-1254-3	7.128	6.179	4209719	4793903	66.079	61.468
29)	L6 AR-1254-4	7.418	6.411	2748730	3465967	72.710	81.214
30)	L6 AR-1254-5	7.842	6.832	1330519	2164119	31.085	29.906
31)	L7 AR-1260-1	7.296	6.327	768288	2692494	14.429	46.596 #
32)	L7 AR-1260-2	7.556	6.498	878369	1107942	16.605	16.682
33)	L7 AR-1260-3	7.920	6.656	41657	958212	1.168	14.975 #
34)	L7 AR-1260-4	8.134	7.103	462046	39075	11.164	0.775 #
35)	L7 AR-1260-5	8.480	7.375	200137	293597	2.996	2.619
36)	L8 AR-1262-1	7.842	6.832	1330519	2164119	36.783	56.621 #
37)	L8 AR-1262-2	8.480	7.103	200137	39075	2.357	0.518 #
38)	L8 AR-1262-3	8.793	7.723f	53405	385692	0.887	6.622 #
39)	L8 AR-1262-4	8.893	7.723	32274	385692	0.669	3.752 #
40)	L8 AR-1262-5	9.566	8.222	60783	28159	2.328	0.646 #
41)	L9 AR-1268-1	8.793	7.723f	53405	385692	0.484	2.322 #

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 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

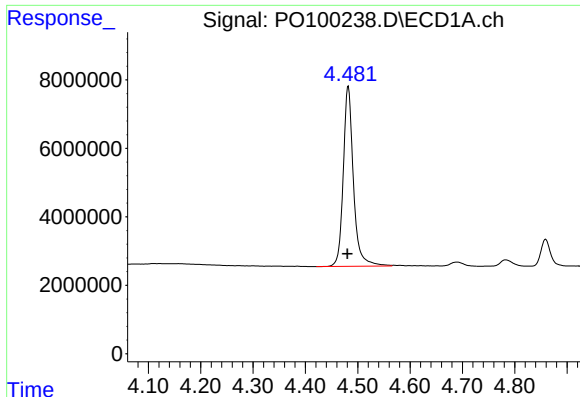
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 14:39:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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 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	8.893	7.723	32274	385692	0.335	2.527 #
43) L9	AR-1268-3	9.136	7.939	161426	501912	1.790	3.502 #
44) L9	AR-1268-4	9.566	8.222	60783	28159	2.137	0.599 #
45) L9	AR-1268-5	10.011	8.529	107434	398559	0.427	1.001 #

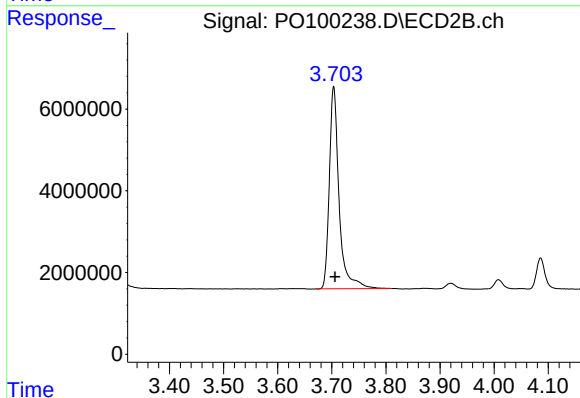
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

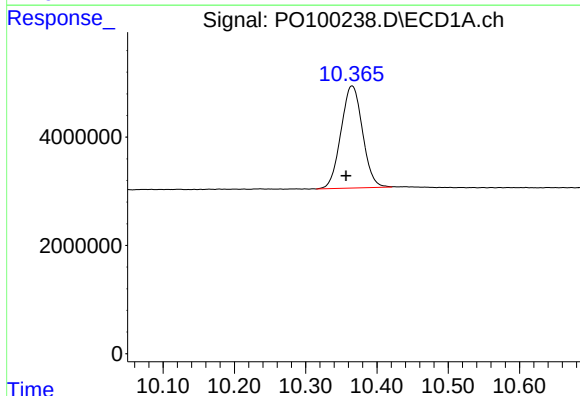
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 71076038
Conc: 41.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



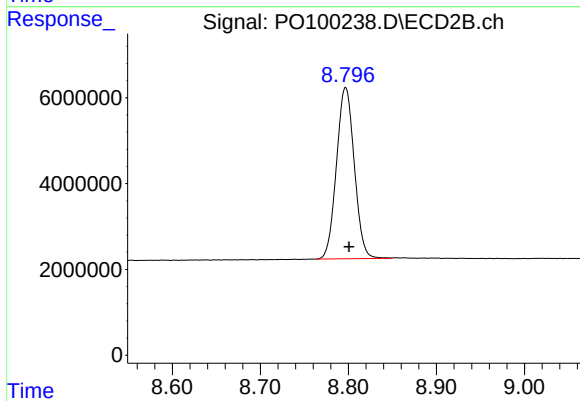
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 62103736
Conc: 41.41 ng/ml



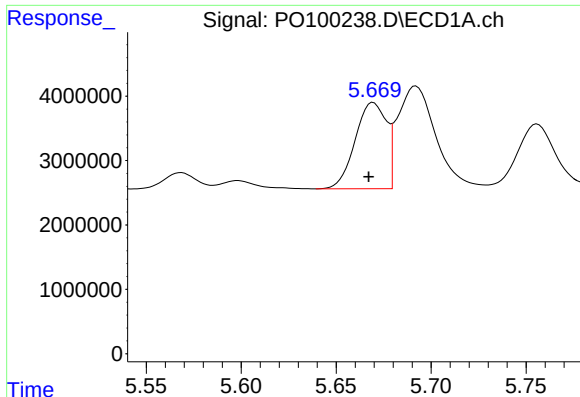
#2 Decachlorobiphenyl

R.T.: 10.365 min
Delta R.T.: 0.008 min
Response: 39614095
Conc: 54.54 ng/ml



#2 Decachlorobiphenyl

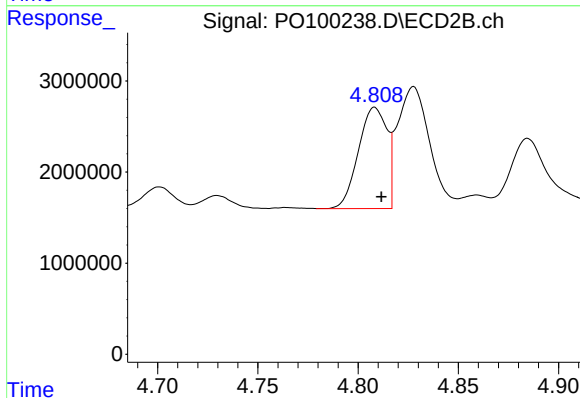
R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 56171654
Conc: 50.20 ng/ml



#3 AR-1016-1

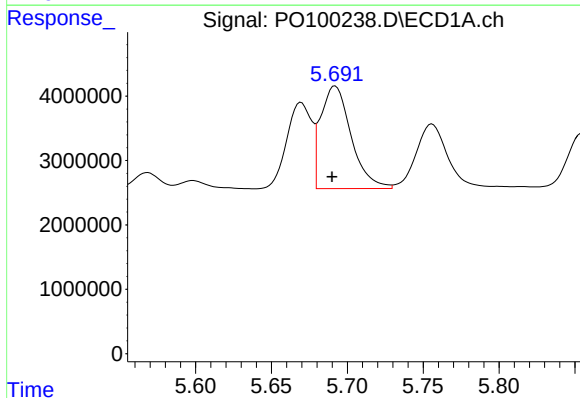
R.T.: 5.670 min
Delta R.T.: 0.003 min
Response: 15284766
Conc: 355.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



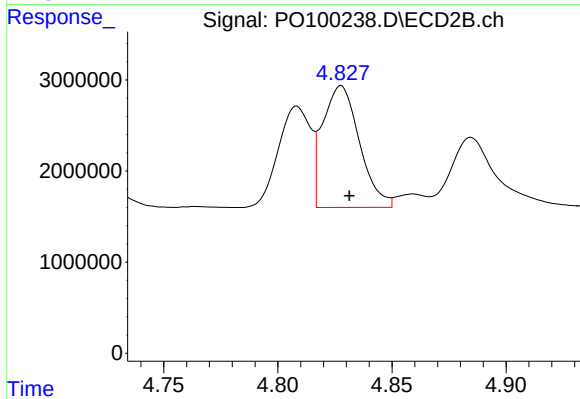
#3 AR-1016-1

R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 10995955
Conc: 348.24 ng/ml



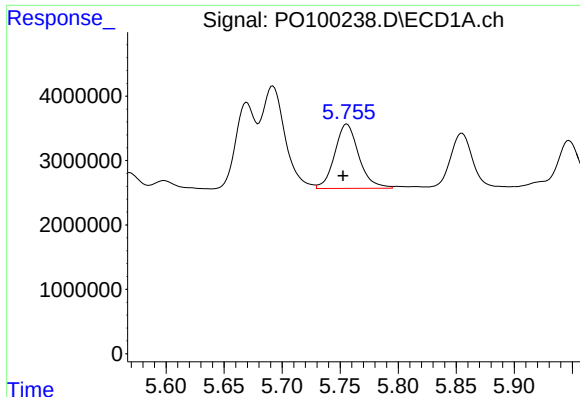
#4 AR-1016-2

R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 22320354
Conc: 344.76 ng/ml



#4 AR-1016-2

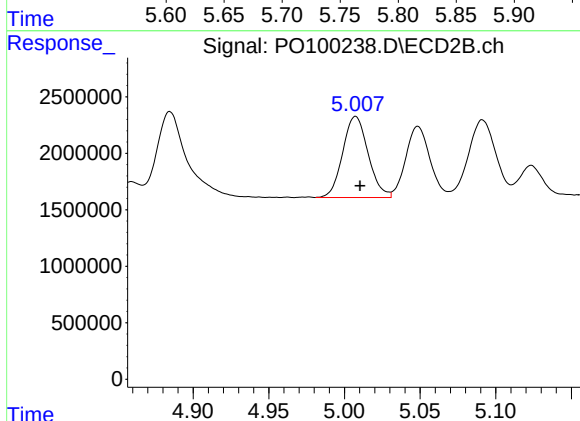
R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 14983894
Conc: 346.54 ng/ml



#5 AR-1016-3

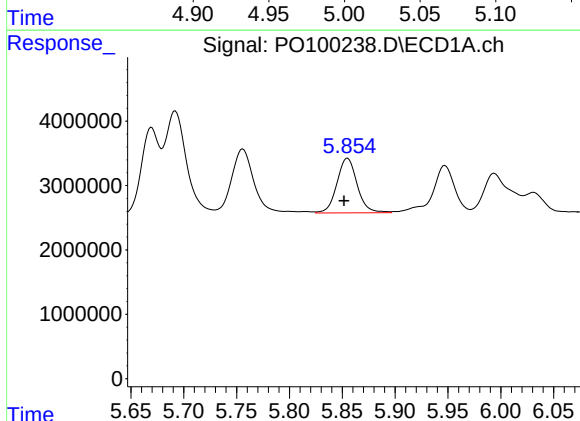
R.T.: 5.756 min
Delta R.T.: 0.003 min
Response: 14418997
Conc: 330.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



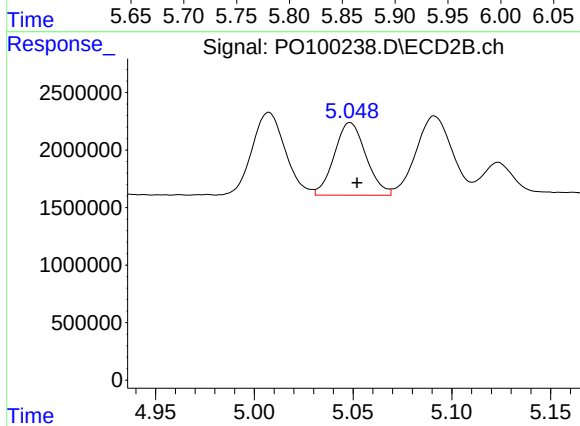
#5 AR-1016-3

R.T.: 5.007 min
Delta R.T.: -0.003 min
Response: 8414919
Conc: 362.85 ng/ml



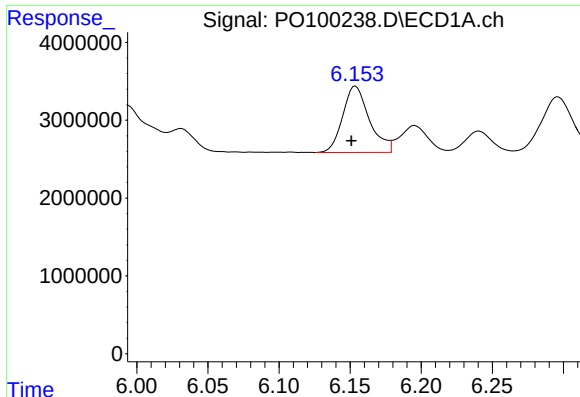
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 11321425
Conc: 342.98 ng/ml



#6 AR-1016-4

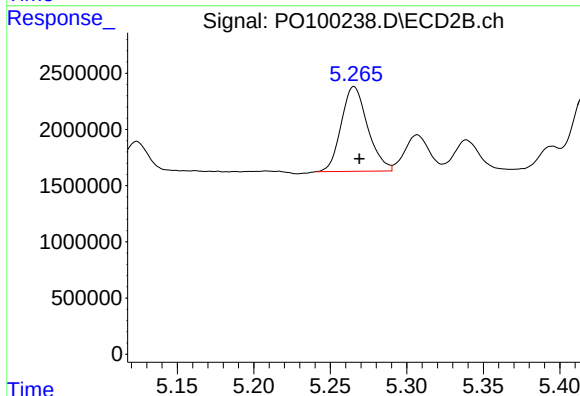
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 7037866
Conc: 343.29 ng/ml



#7 AR-1016-5

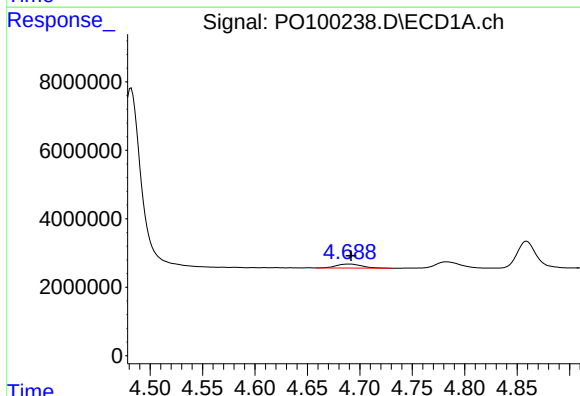
R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 11121627
Conc: 354.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



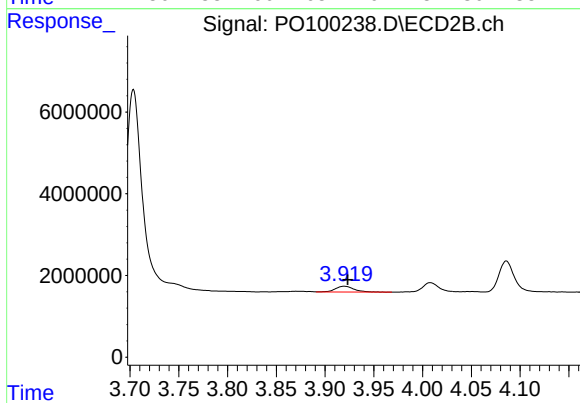
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 9077001
Conc: 355.93 ng/ml



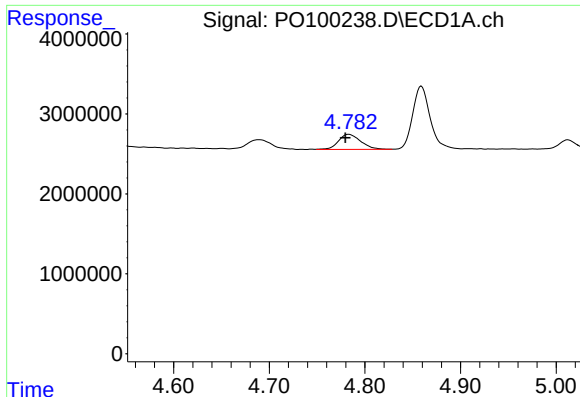
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 2019279
Conc: 97.95 ng/ml



#8 AR-1221-1

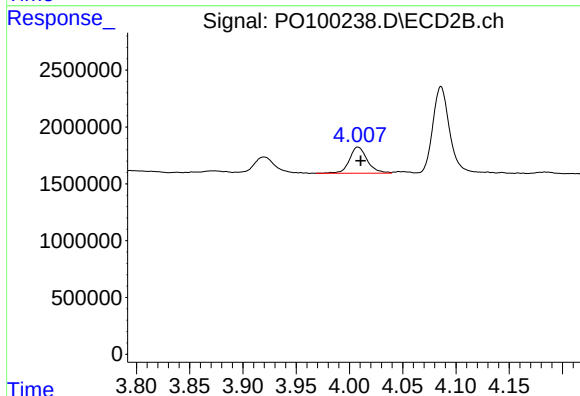
R.T.: 3.920 min
Delta R.T.: -0.004 min
Response: 1919031
Conc: 100.95 ng/ml



#9 AR-1221-2

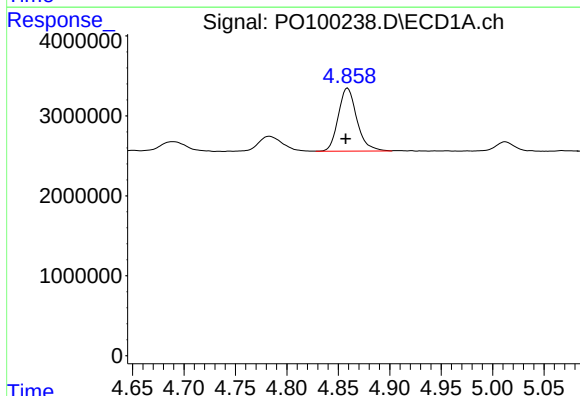
R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 3034183
Conc: 200.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



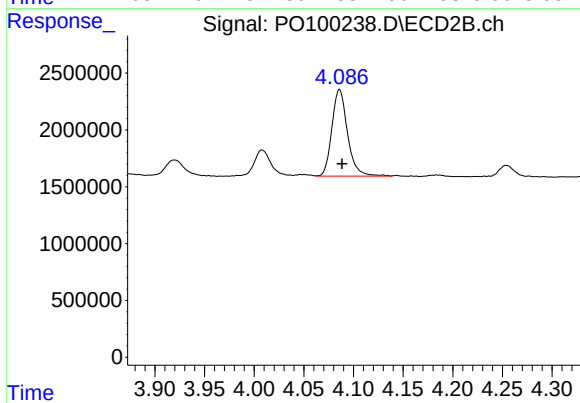
#9 AR-1221-2

R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 2703917
Conc: 207.49 ng/ml



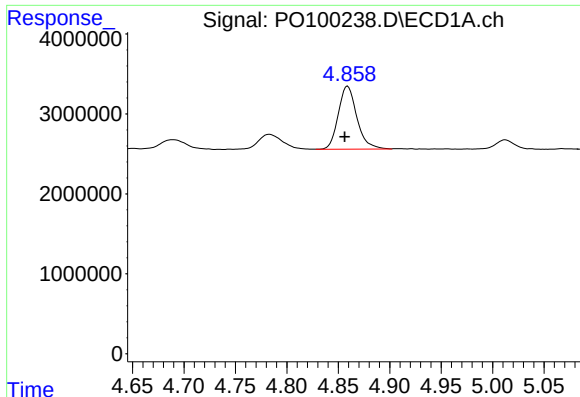
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: 0.002 min
Response: 9922589
Conc: 221.12 ng/ml



#10 AR-1221-3

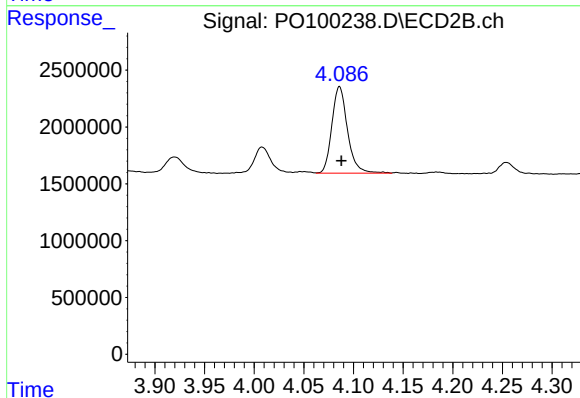
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 8372359
Conc: 233.08 ng/ml



#11 AR-1232-1

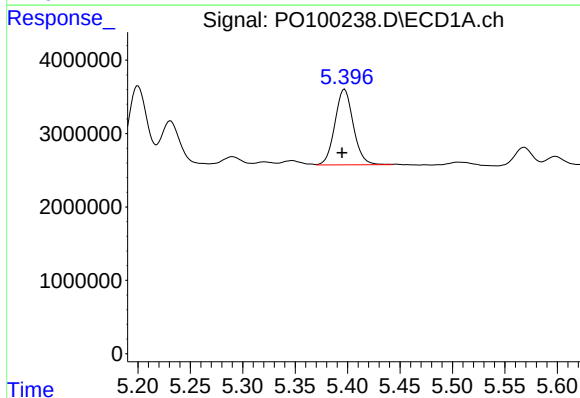
R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 9922589
Conc: 278.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



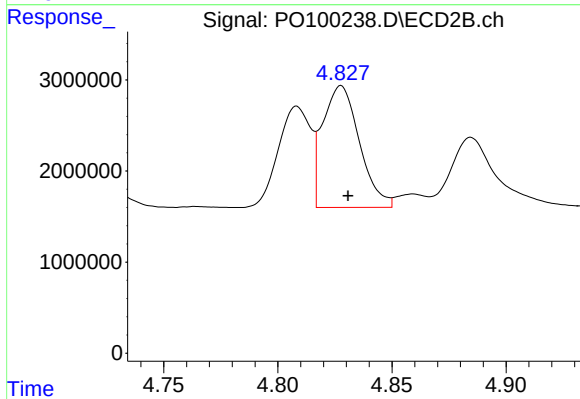
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 8372359
Conc: 285.30 ng/ml



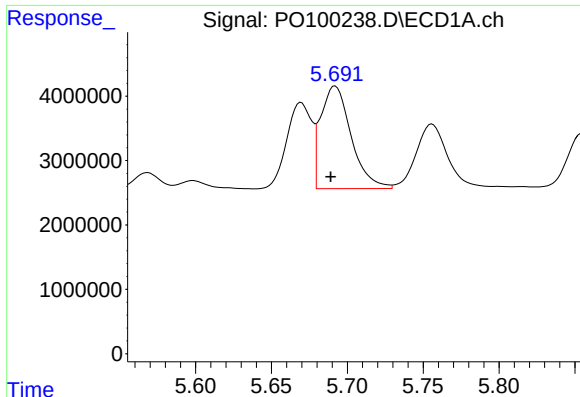
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 12616963
Conc: 724.92 ng/ml



#12 AR-1232-2

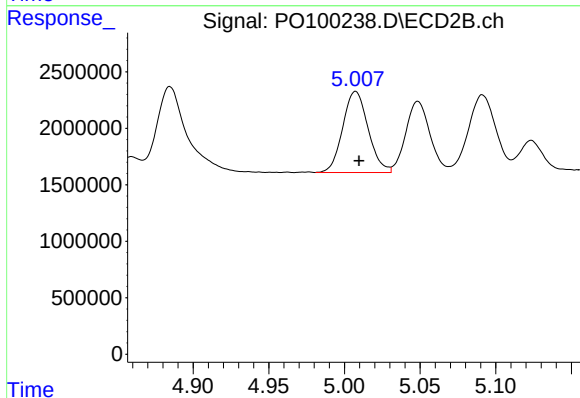
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 14983894
Conc: 755.58 ng/ml



#13 AR-1232-3

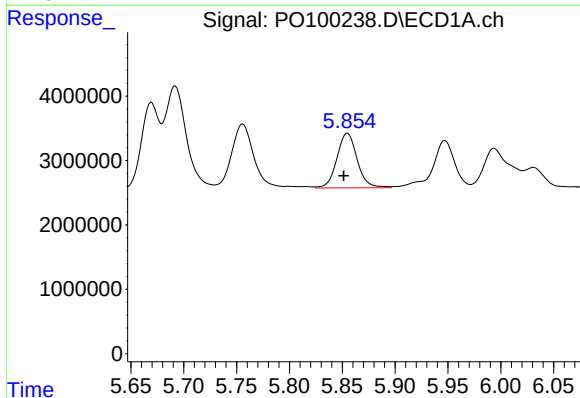
R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 22320354
Conc: 787.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



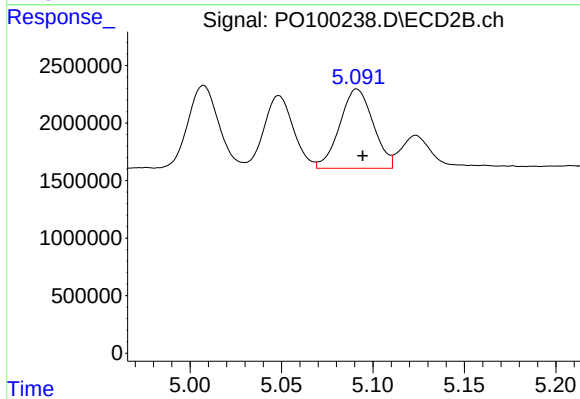
#13 AR-1232-3

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 8414919
Conc: 811.99 ng/ml



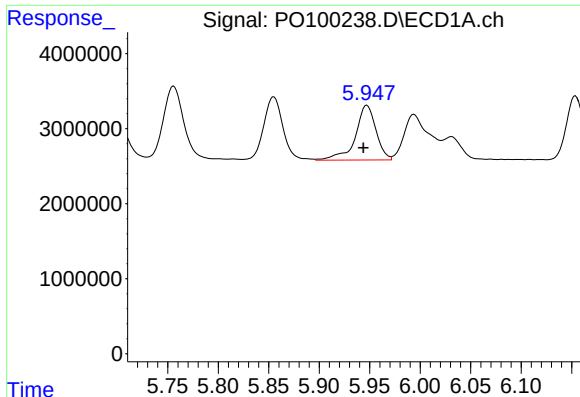
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: 0.004 min
Response: 11321425
Conc: 814.98 ng/ml



#14 AR-1232-4

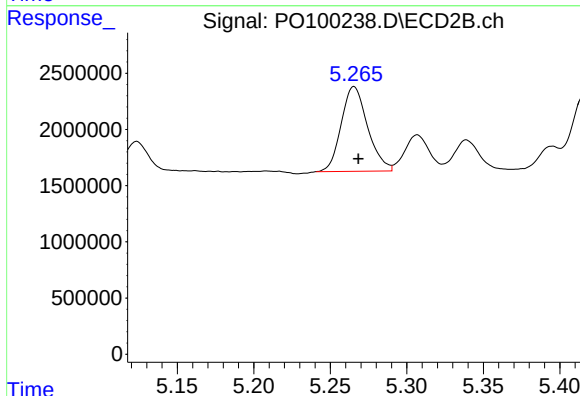
R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 8782696
Conc: 883.58 ng/ml



#15 AR-1232-5

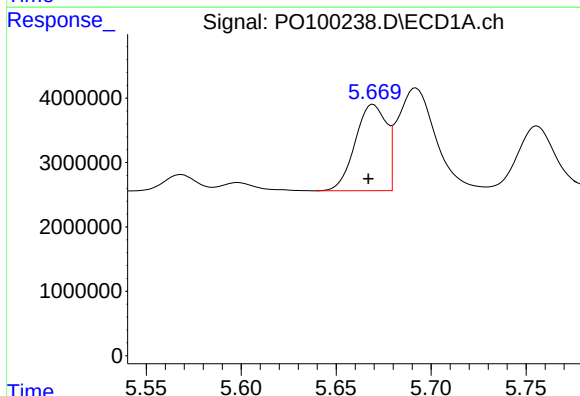
R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 10413096
Conc: 848.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



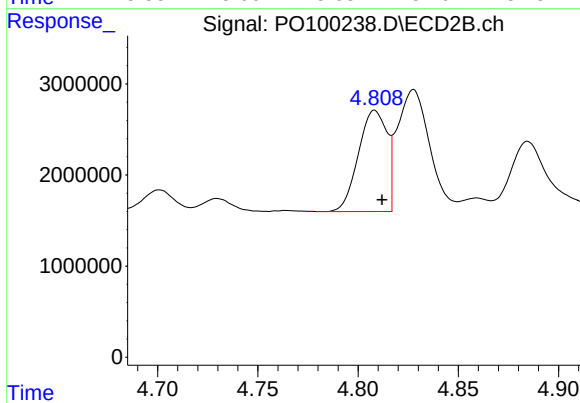
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 9077001
Conc: 840.45 ng/ml



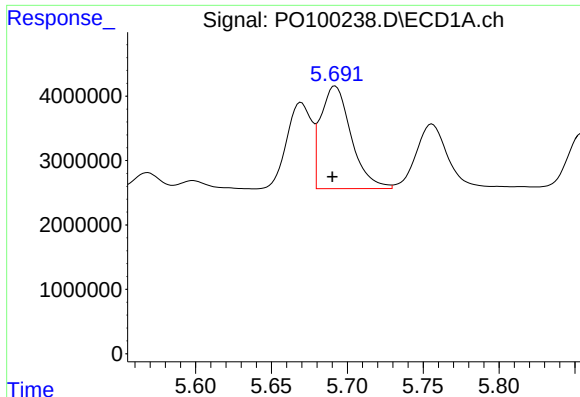
#16 AR-1242-1

R.T.: 5.670 min
Delta R.T.: 0.003 min
Response: 15284766
Conc: 441.21 ng/ml



#16 AR-1242-1

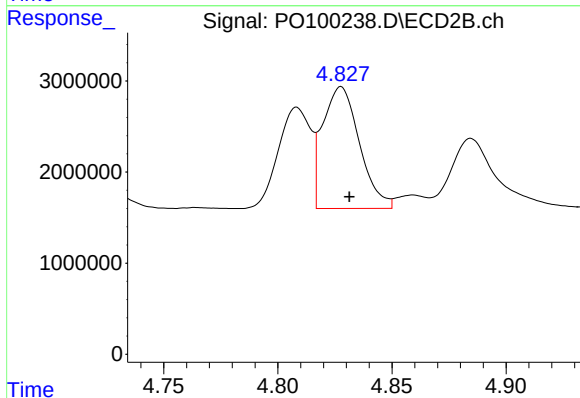
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 10995955
Conc: 418.40 ng/ml



#17 AR-1242-2

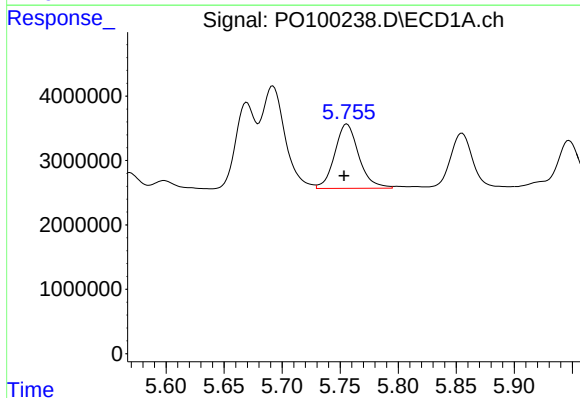
R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 22320354
Conc: 425.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



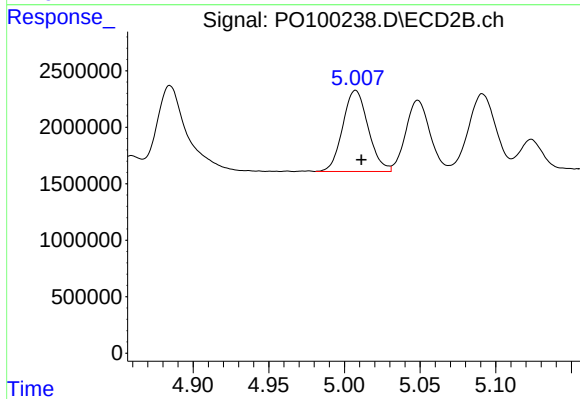
#17 AR-1242-2

R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 14983894
Conc: 426.13 ng/ml



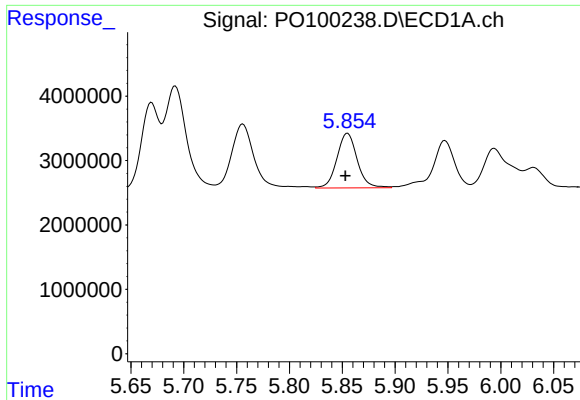
#18 AR-1242-3

R.T.: 5.756 min
Delta R.T.: 0.003 min
Response: 14418997
Conc: 414.29 ng/ml



#18 AR-1242-3

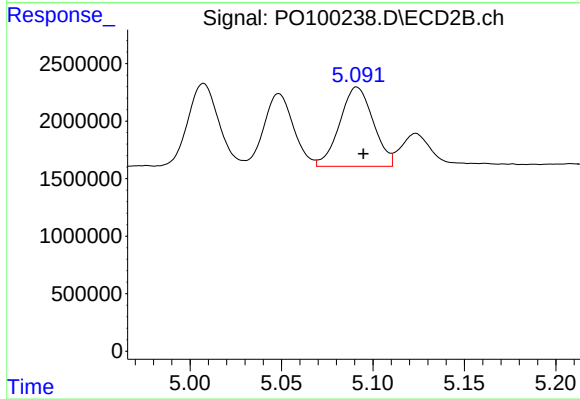
R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 8414919
Conc: 439.42 ng/ml



#19 AR-1242-4

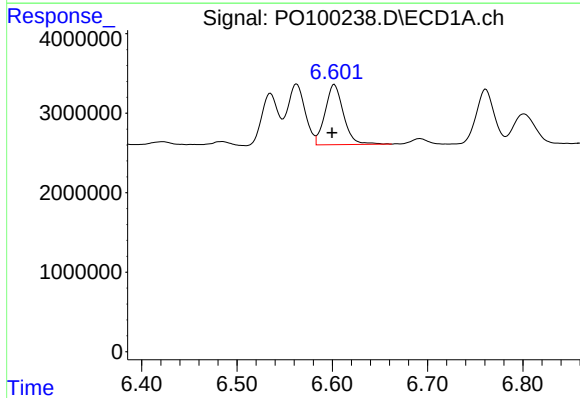
R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 11321425
Conc: 430.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



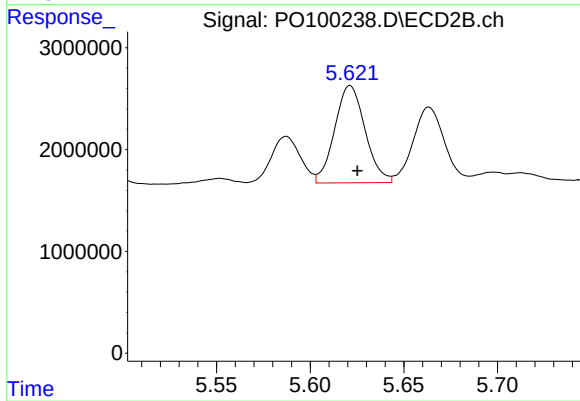
#19 AR-1242-4

R.T.: 5.091 min
Delta R.T.: -0.004 min
Response: 8782696
Conc: 436.04 ng/ml



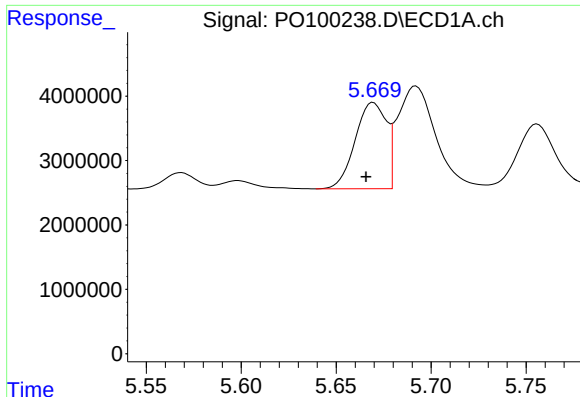
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 10144528
Conc: 453.71 ng/ml



#20 AR-1242-5

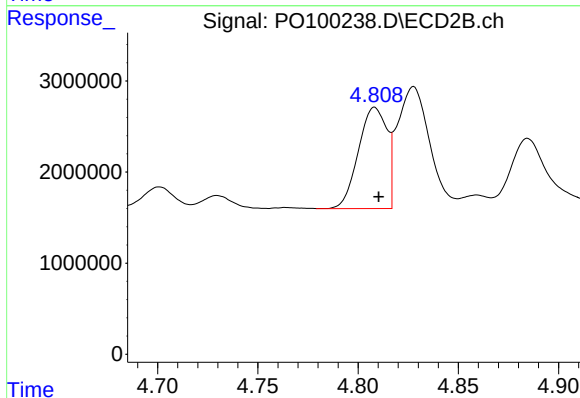
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 10804421
Conc: 462.40 ng/ml



#21 AR-1248-1

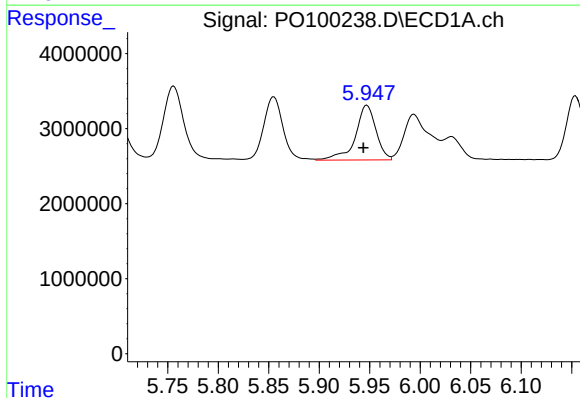
R.T.: 5.670 min
Delta R.T.: 0.004 min
Response: 15284766
Conc: 591.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



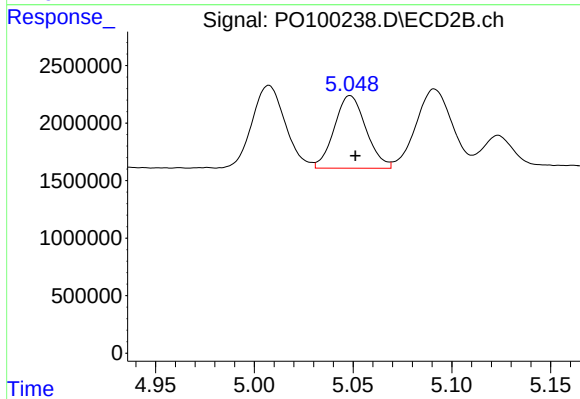
#21 AR-1248-1

R.T.: 4.808 min
Delta R.T.: -0.002 min
Response: 10995955
Conc: 550.02 ng/ml



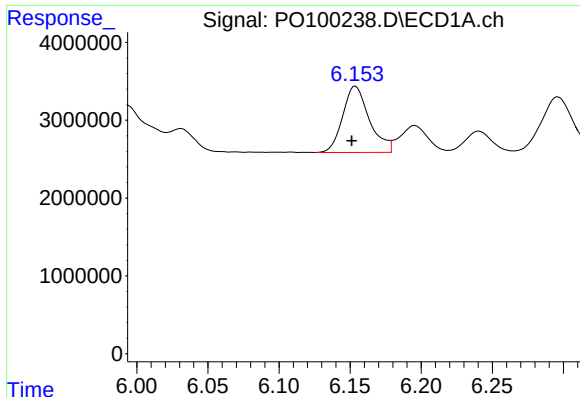
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 10413096
Conc: 254.62 ng/ml



#22 AR-1248-2

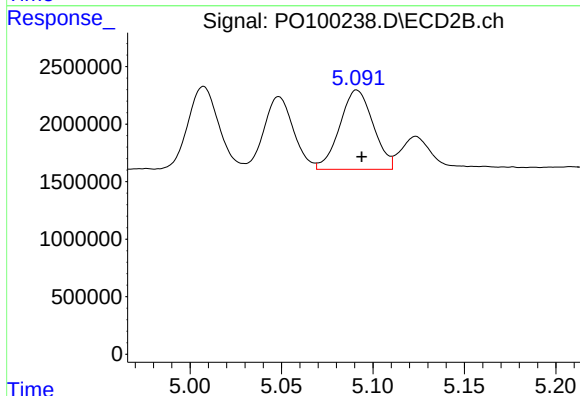
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 7037866
Conc: 251.53 ng/ml



#23 AR-1248-3

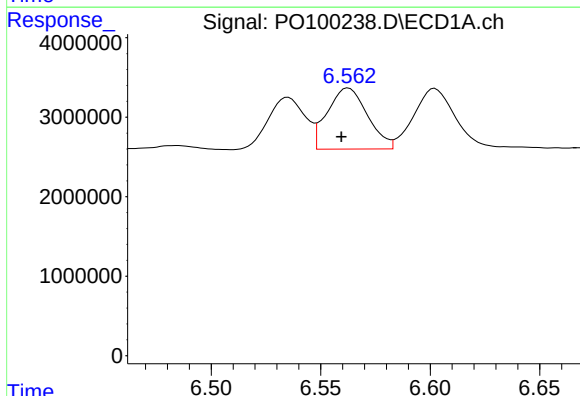
R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 11121627
Conc: 259.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



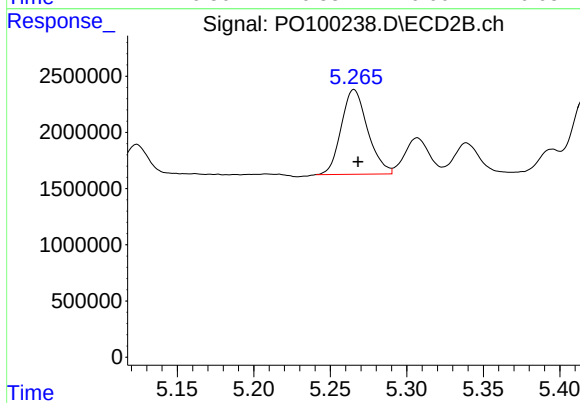
#23 AR-1248-3

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 8782696
Conc: 304.13 ng/ml



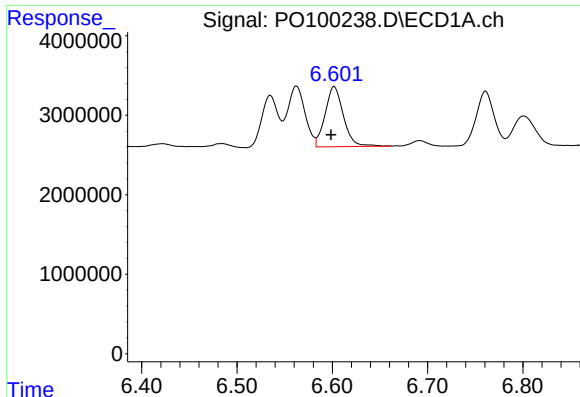
#24 AR-1248-4

R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 9814416
Conc: 260.39 ng/ml



#24 AR-1248-4

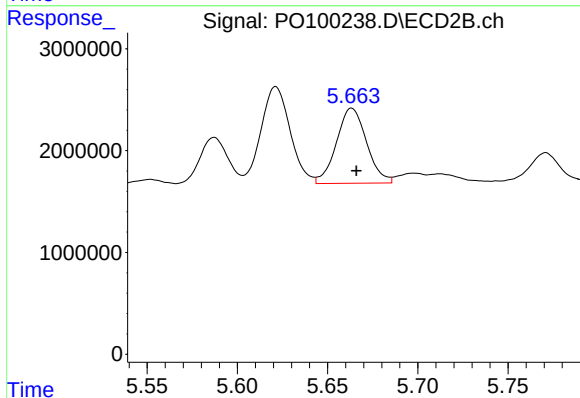
R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 9077001
Conc: 276.83 ng/ml



#25 AR-1248-5

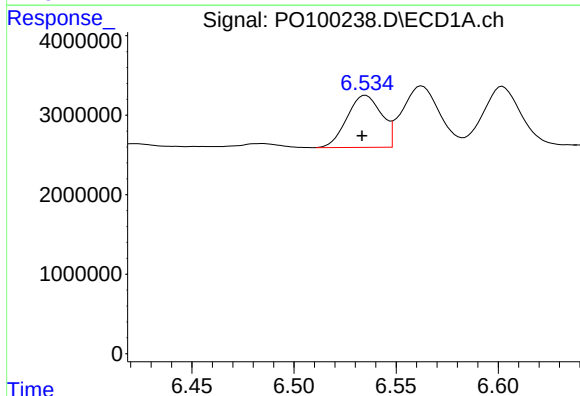
R.T.: 6.602 min
Delta R.T.: 0.004 min
Response: 10144528
Conc: 274.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



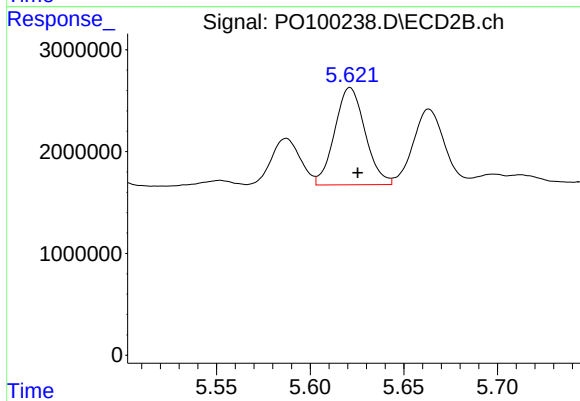
#25 AR-1248-5

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 8592774
Conc: 287.66 ng/ml



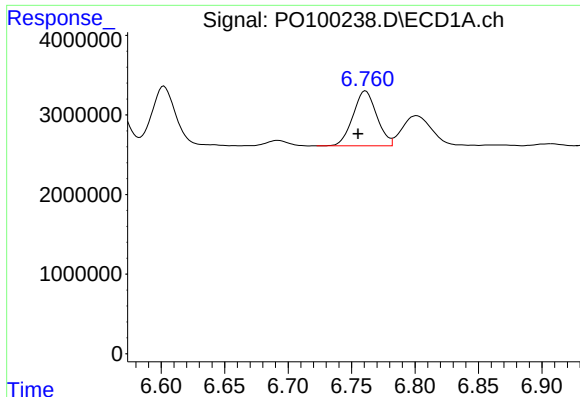
#26 AR-1254-1

R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 7704877
Conc: 160.01 ng/ml



#26 AR-1254-1

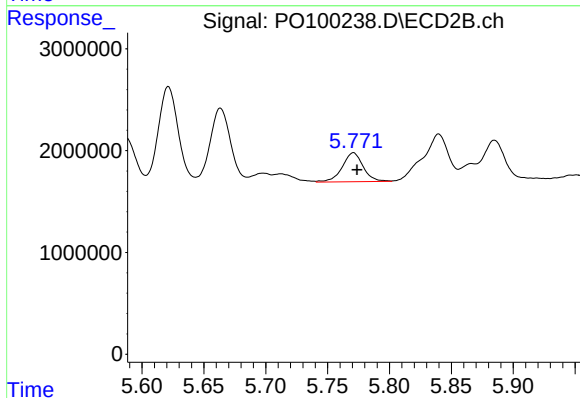
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 10804421
Conc: 208.43 ng/ml



#27 AR-1254-2

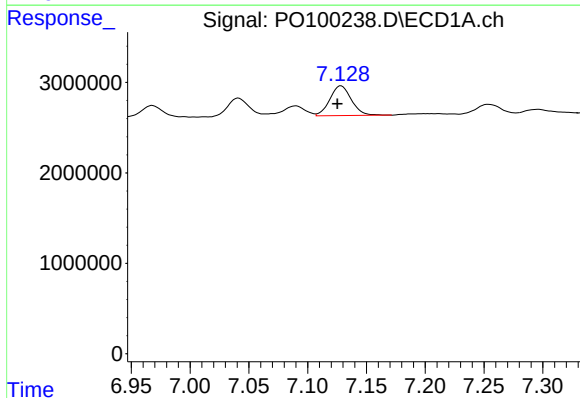
R.T.: 6.761 min
Delta R.T.: 0.006 min
Response: 9013988
Conc: 131.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



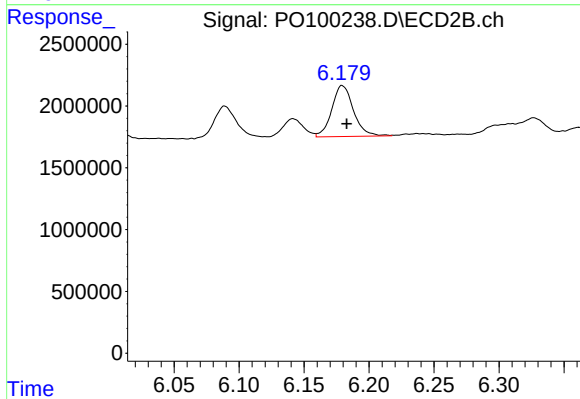
#27 AR-1254-2

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 3383891
Conc: 72.67 ng/ml



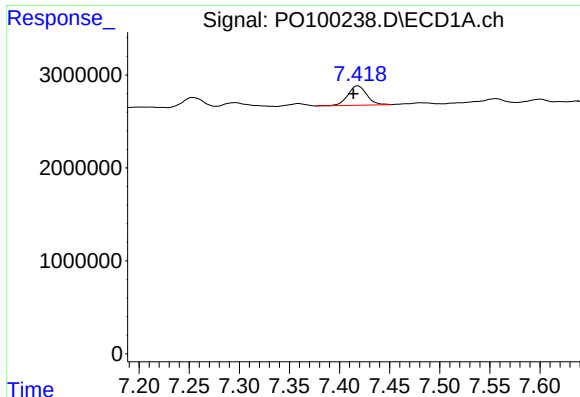
#28 AR-1254-3

R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 4209719
Conc: 66.08 ng/ml



#28 AR-1254-3

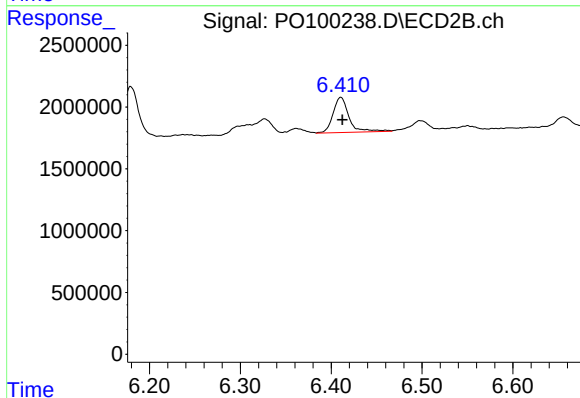
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 4793903
Conc: 61.47 ng/ml



#29 AR-1254-4

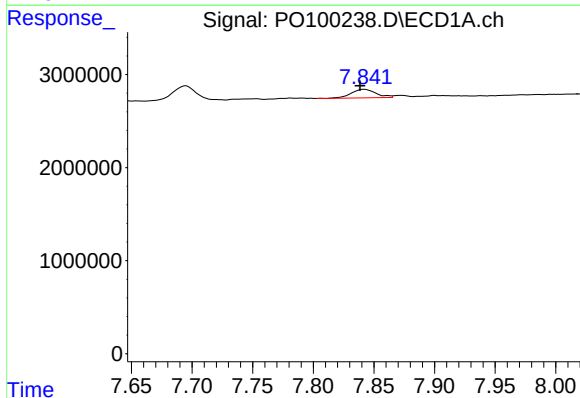
R.T.: 7.418 min
Delta R.T.: 0.004 min
Response: 2748730
Conc: 72.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



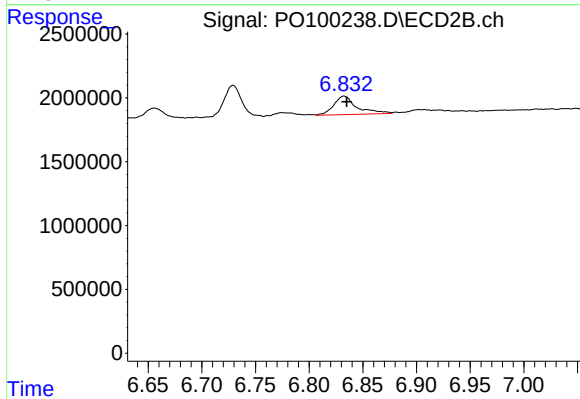
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 3465967
Conc: 81.21 ng/ml



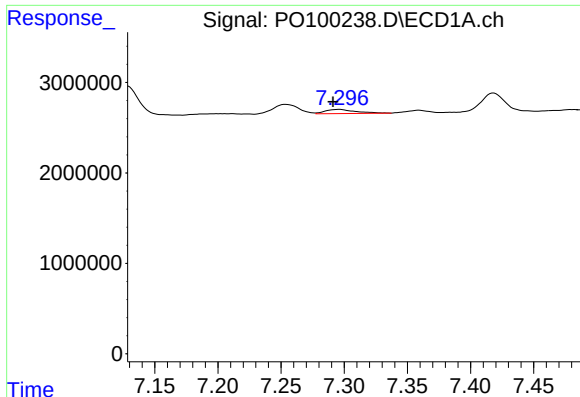
#30 AR-1254-5

R.T.: 7.842 min
Delta R.T.: 0.003 min
Response: 1330519
Conc: 31.09 ng/ml



#30 AR-1254-5

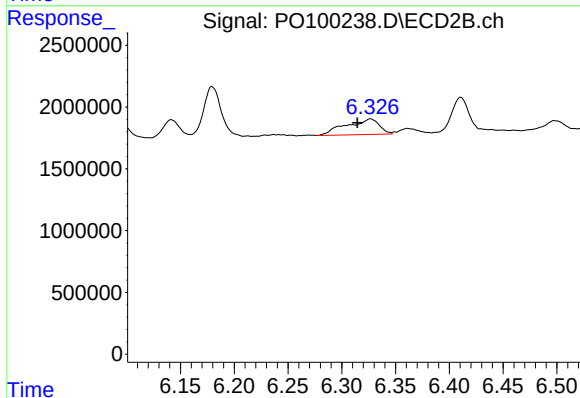
R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 2164119
Conc: 29.91 ng/ml



#31 AR-1260-1

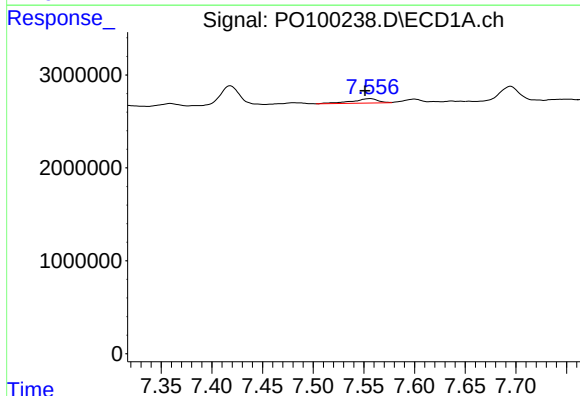
R.T.: 7.296 min
Delta R.T.: 0.005 min
Response: 768288
Conc: 14.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



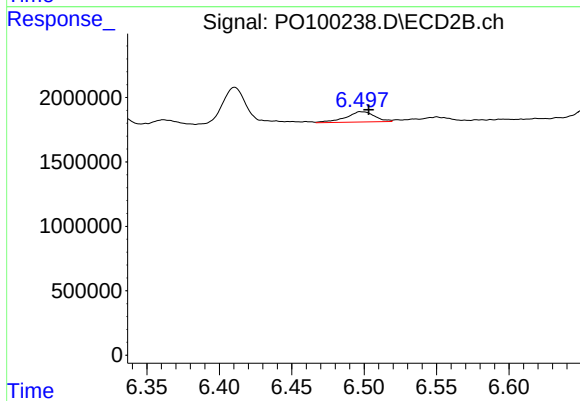
#31 AR-1260-1

R.T.: 6.327 min
Delta R.T.: 0.012 min
Response: 2692494
Conc: 46.60 ng/ml



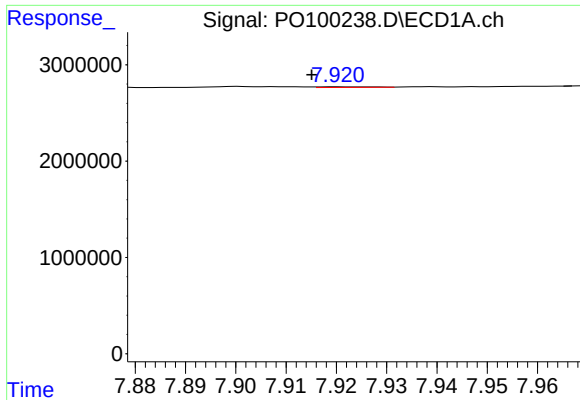
#32 AR-1260-2

R.T.: 7.556 min
Delta R.T.: 0.005 min
Response: 878369
Conc: 16.61 ng/ml



#32 AR-1260-2

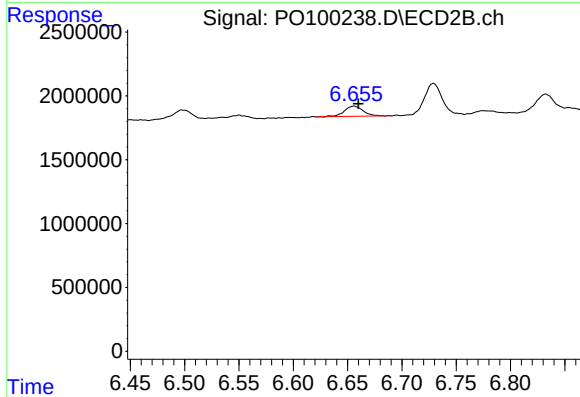
R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 1107942
Conc: 16.68 ng/ml



#33 AR-1260-3

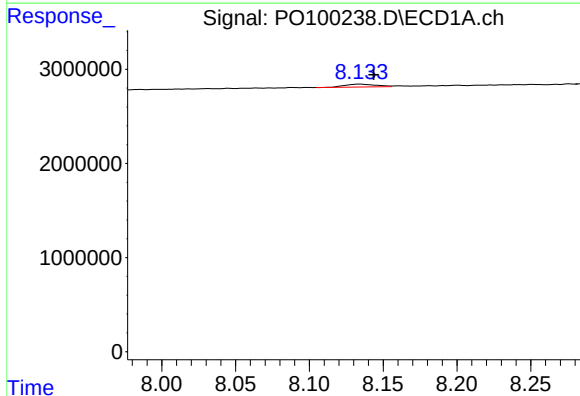
R.T.: 7.920 min
Delta R.T.: 0.005 min
Response: 41657
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



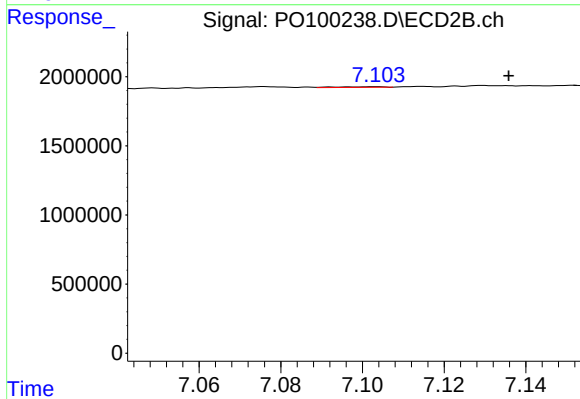
#33 AR-1260-3

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 958212
Conc: 14.97 ng/ml



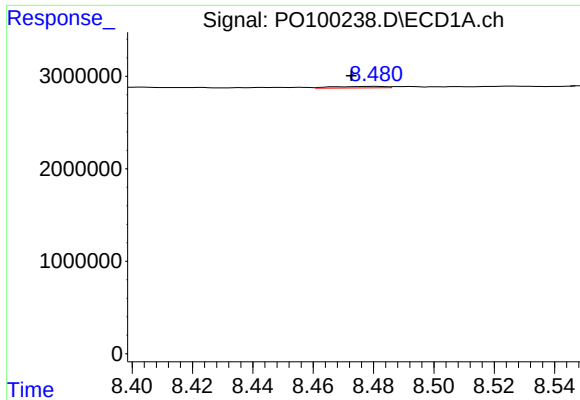
#34 AR-1260-4

R.T.: 8.134 min
Delta R.T.: -0.009 min
Response: 462046
Conc: 11.16 ng/ml



#34 AR-1260-4

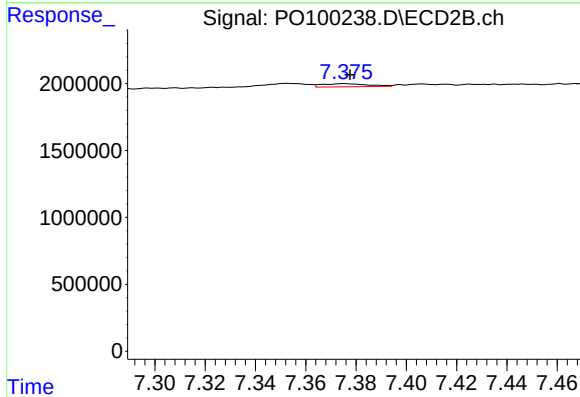
R.T.: 7.103 min
Delta R.T.: -0.033 min
Response: 39075
Conc: 0.77 ng/ml



#35 AR-1260-5

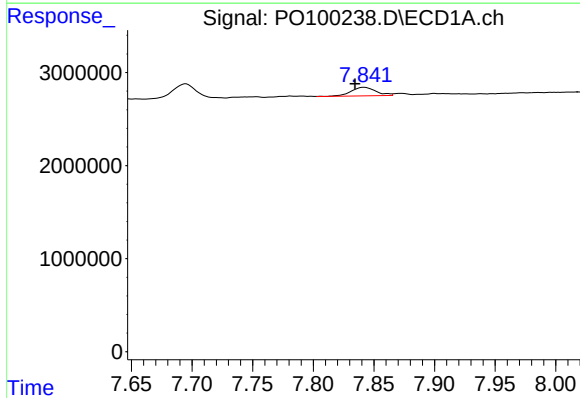
R.T.: 8.480 min
Delta R.T.: 0.008 min
Response: 200137
Conc: 3.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



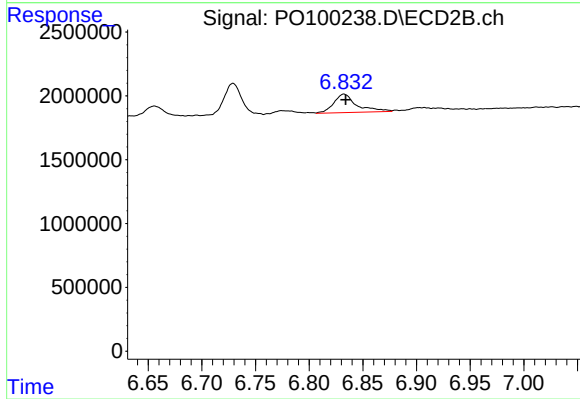
#35 AR-1260-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 293597
Conc: 2.62 ng/ml



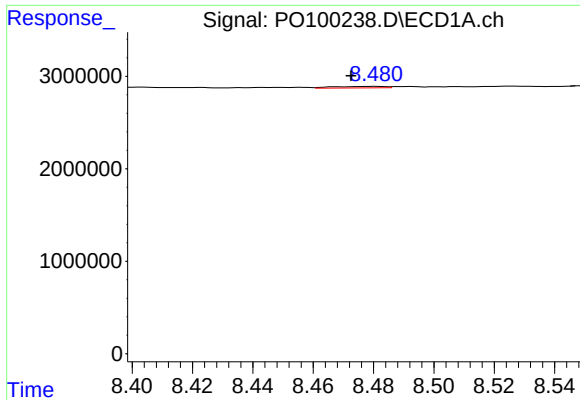
#36 AR-1262-1

R.T.: 7.842 min
Delta R.T.: 0.008 min
Response: 1330519
Conc: 36.78 ng/ml



#36 AR-1262-1

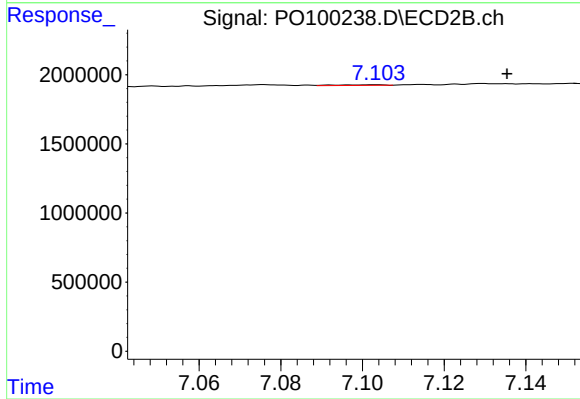
R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 2164119
Conc: 56.62 ng/ml



#37 AR-1262-2

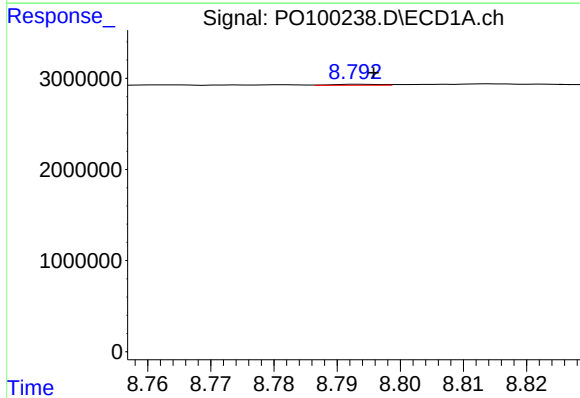
R.T.: 8.480 min
Delta R.T.: 0.008 min
Response: 200137
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



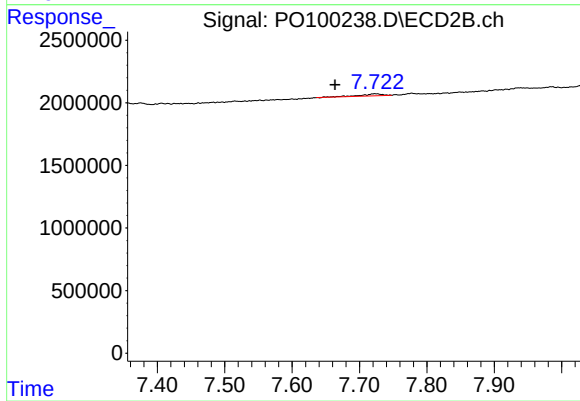
#37 AR-1262-2

R.T.: 7.103 min
Delta R.T.: -0.033 min
Response: 39075
Conc: 0.52 ng/ml



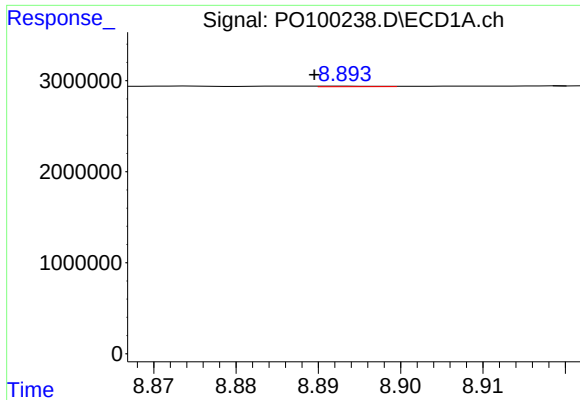
#38 AR-1262-3

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 53405
Conc: 0.89 ng/ml



#38 AR-1262-3

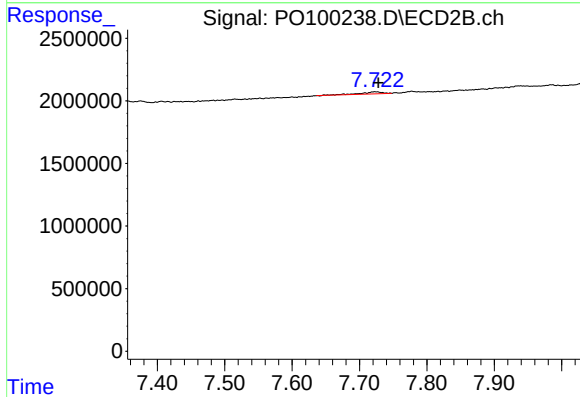
R.T.: 7.723 min
Delta R.T.: 0.059 min
Response: 385692
Conc: 6.62 ng/ml



#39 AR-1262-4

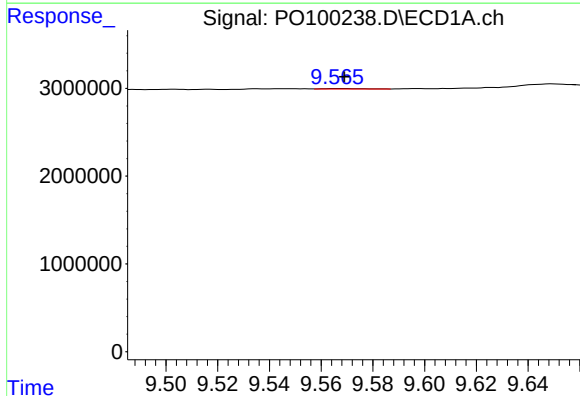
R.T.: 8.893 min
Delta R.T.: 0.003 min
Response: 32274
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



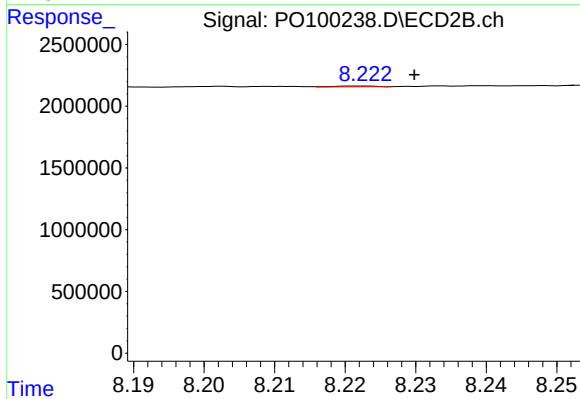
#39 AR-1262-4

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 385692
Conc: 3.75 ng/ml



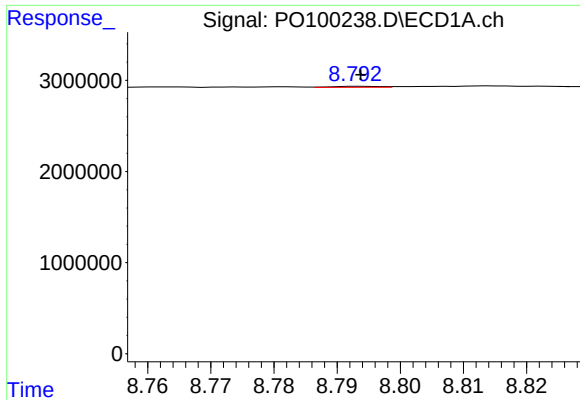
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.003 min
Response: 60783
Conc: 2.33 ng/ml



#40 AR-1262-5

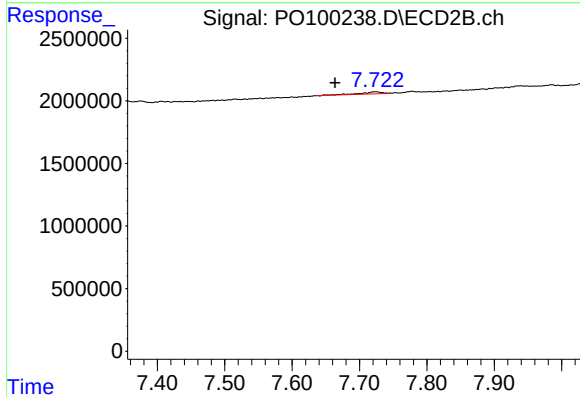
R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 28159
Conc: 0.65 ng/ml



#41 AR-1268-1

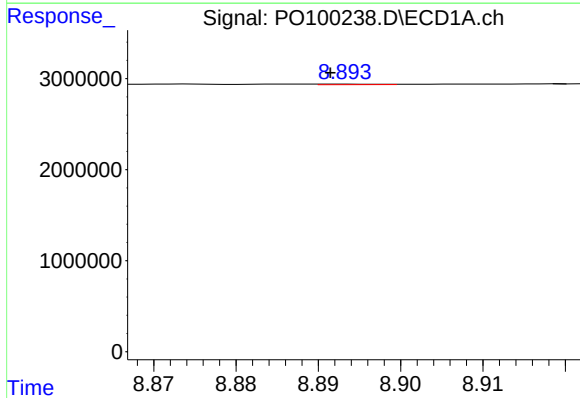
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 53405
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



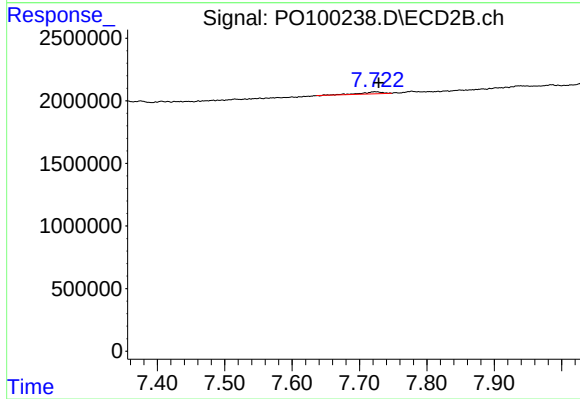
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: 0.060 min
Response: 385692
Conc: 2.32 ng/ml



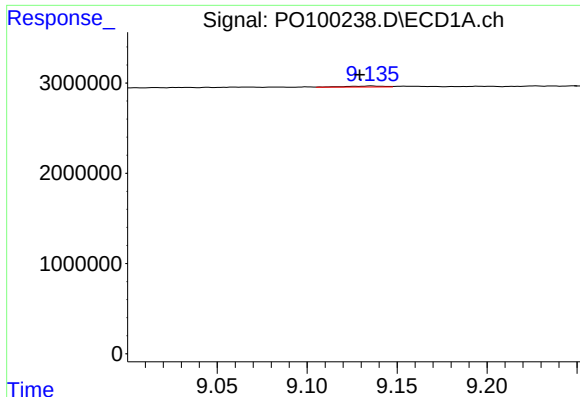
#42 AR-1268-2

R.T.: 8.893 min
Delta R.T.: 0.001 min
Response: 32274
Conc: 0.34 ng/ml



#42 AR-1268-2

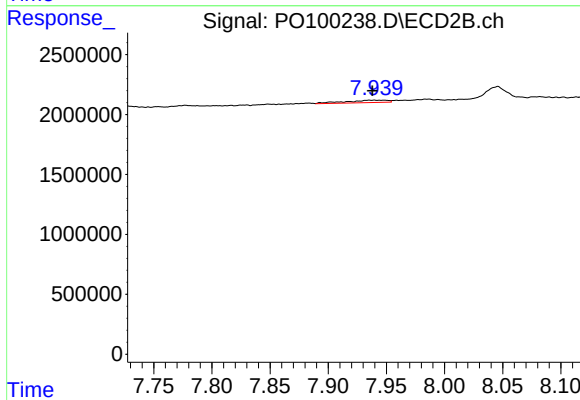
R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 385692
Conc: 2.53 ng/ml



#43 AR-1268-3

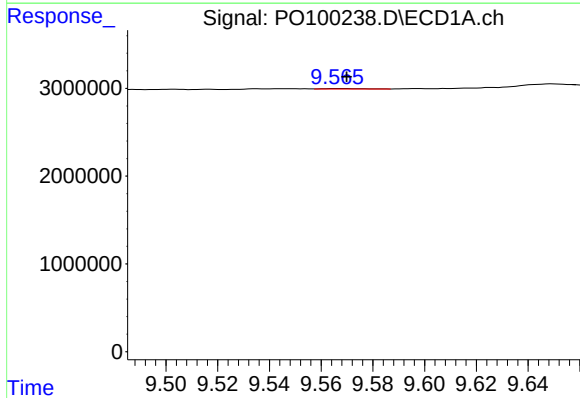
R.T.: 9.136 min
Delta R.T.: 0.006 min
Response: 161426
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



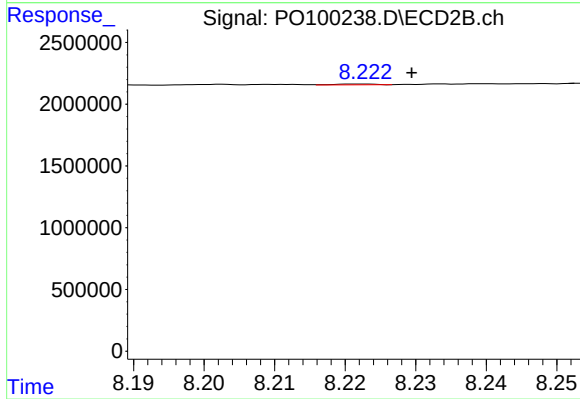
#43 AR-1268-3

R.T.: 7.939 min
Delta R.T.: 0.001 min
Response: 501912
Conc: 3.50 ng/ml



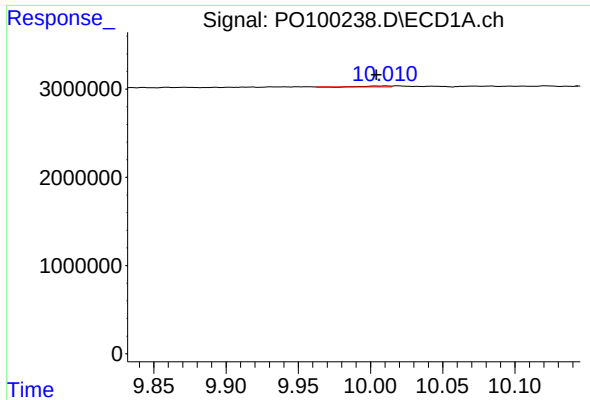
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.004 min
Response: 60783
Conc: 2.14 ng/ml



#44 AR-1268-4

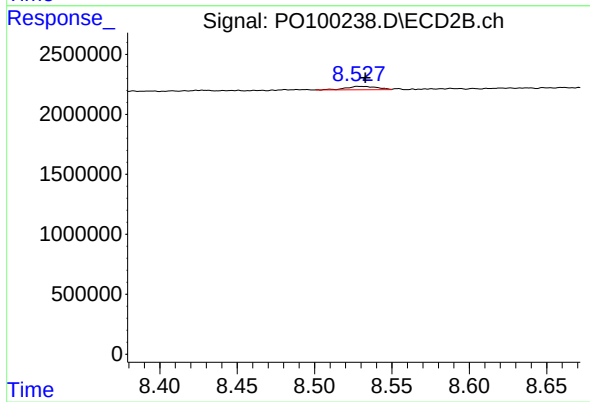
R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 28159
Conc: 0.60 ng/ml



#45 AR-1268-5

R.T.: 10.011 min
Delta R.T.: 0.007 min
Response: 107434
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 398559
Conc: 1.00 ng/ml