

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082824\
 Data File : P0105974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 14:48
 Operator : YP/AJ
 Sample : P3738-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 01:41:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 27 06:50:58 2024
 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...	4.456	3.722	163.6E6	55585808	17.936	20.574
2) SA Decachlor...	10.197	8.756	105.7E6	38487661	19.473	17.630
Target Compounds						
3) L1 AR-1016-1	5.618	4.813	17102297	6061886	54.112	63.408
4) L1 AR-1016-2	5.641	4.832	25961152	7314157	59.058	57.635
5) L1 AR-1016-3	5.704	5.009	21657939	5250681	80.558	75.058
6) L1 AR-1016-4	5.802	5.049	14139392	21604063	64.230	401.747 #
7) L1 AR-1016-5	6.096	5.264	38688582	14730319	181.848	214.069
9) L2 AR-1221-2	4.763	4.035	10857721	2765743	129.168	121.012
10) L2 AR-1221-3	4.838	4.097	15346435	3711368	63.403	52.002
11) L3 AR-1232-1	4.838	4.097	15346435	3711368	75.695	63.178
12) L3 AR-1232-2	5.353	4.832	22483864	7314157	206.948	129.517 #
13) L3 AR-1232-3	5.641	5.009	25961152	5250681	131.614	169.936 #
14) L3 AR-1232-4	5.802	5.091	14139392	9155371	143.610	338.847 #
15) L3 AR-1232-5	5.891	5.264	50483676	14730319	663.128	498.202
16) L4 AR-1242-1	5.618	4.832	17102297	7314157	70.692	102.841 #
17) L4 AR-1242-2	5.641	4.857	25961152	5889001	78.167	62.850
18) L4 AR-1242-3	5.704	5.049	21657939	21604063	105.431	423.645 #
19) L4 AR-1242-4	5.802	5.125	14139392	3930532	84.280	76.666
20) L4 AR-1242-5	6.539	5.658	37114217	5801670	217.848	89.763 #
21) L5 AR-1248-1	5.618	4.813	17102297	6061886	90.972	108.231
22) L5 AR-1248-2	5.891	5.049	50483676	21604063	195.379	290.213 #
23) L5 AR-1248-3	6.096	5.091	38688582	9155371	135.454	116.564
24) L5 AR-1248-4	6.498	5.264	41705377	14730319	132.275	158.199
25) L5 AR-1248-5	6.539	5.658	37114217	5801670	122.272	63.312 #
26) L6 AR-1254-1	6.473	5.618	93129894	37645544	301.677	279.015
27) L6 AR-1254-2	6.691	5.764	99995976	23837470	217.041	196.402
28) L6 AR-1254-3	7.056	6.170	60698163	26283681	128.485	136.355
29) L6 AR-1254-4	7.340	6.397	32567529	9113108	93.491	75.145
30) L6 AR-1254-5	7.759	6.815	46117768	13545783	126.297	76.613 #
31) L7 AR-1260-1	7.221	6.300	30613438	11545684	85.308	87.639
32) L7 AR-1260-2	7.475	6.486	26807484	9481441	63.817	57.775
33) L7 AR-1260-3	7.840	6.641	13548114	19245532	50.657	114.036 #
34) L7 AR-1260-4	8.050	7.113	16472676	20050414	53.135	180.926 #
35) L7 AR-1260-5	8.405	7.351	25340895	10770314	45.550	39.692
36) L8 AR-1262-1	7.759	6.815	46117768	13545783	158.789	140.514
37) L8 AR-1262-2	8.405	7.113	25340895	20050414	35.242	129.072 #
38) L8 AR-1262-3	8.701	7.637	29284766	14088978	60.768	123.823 #
39) L8 AR-1262-4	8.776	7.687	31389838	9508859	87.512	39.905 #
40) L8 AR-1262-5	9.410	8.185	23256636	7268271	90.446	66.300 #
41) L9 AR-1268-1	8.701	7.637	29284766	14088978	35.791	41.021
42) L9 AR-1268-2	8.776	7.687	31389838	9508859	42.846	29.525 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 29 01:41:55 2024
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 QLast Update : Tue Aug 27 06:50:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

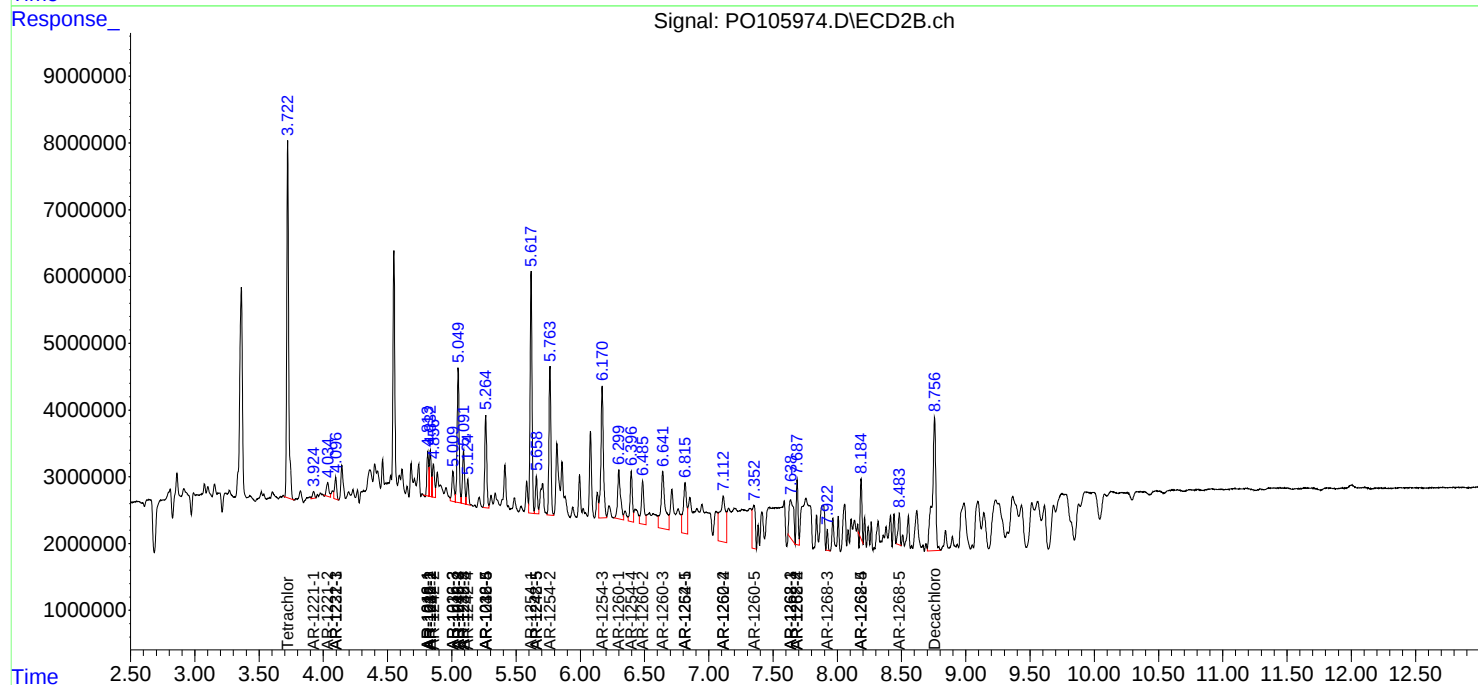
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

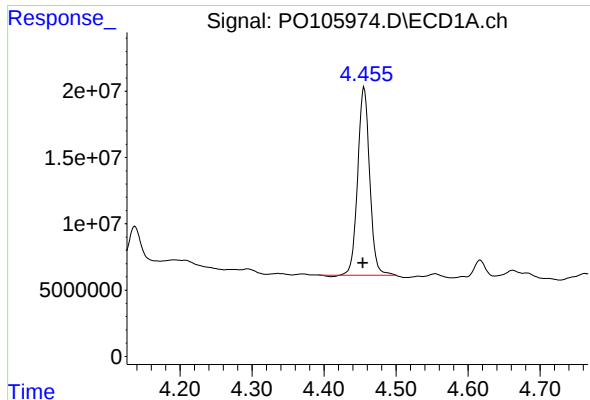
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.008	7.922	1647437	2267678	2.678	8.444 #
44) L9	AR-1268-4	9.410	8.185	23256636	7268271	85.978	64.172 #
45) L9	AR-1268-5	9.862	8.482	17813181	5102026	8.829	5.964 #

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

Instrument :
ECD_O
ClientSampleId :
1

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

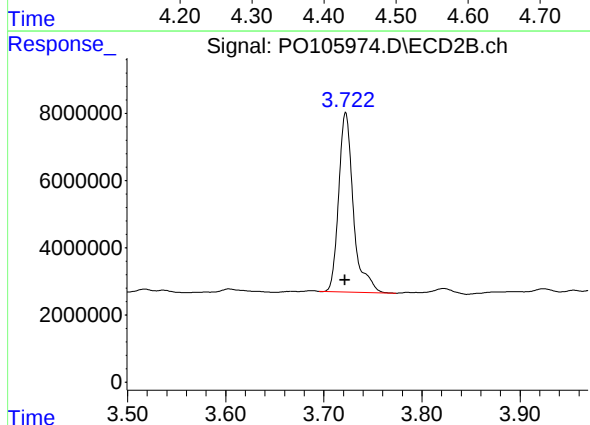




#1 Tetrachloro-m-xylene

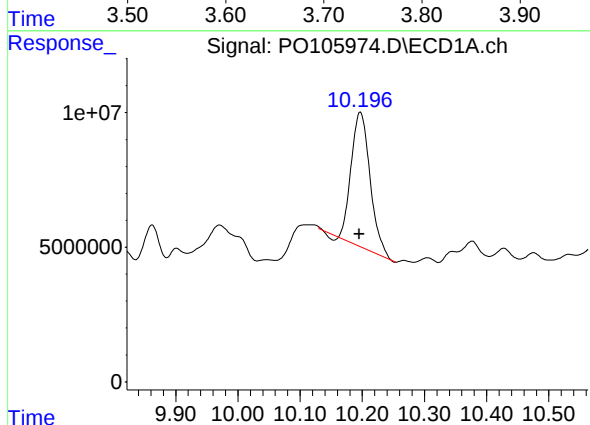
R.T.: 4.456 min
Delta R.T.: 0.002 min
Response: 163630898
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



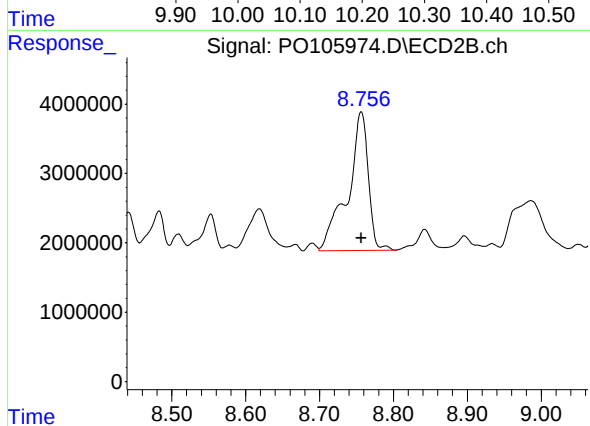
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 55585808
Conc: 20.57 ng/ml



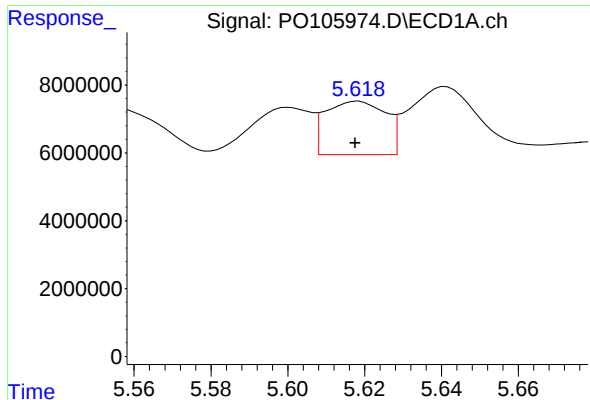
#2 Decachlorobiphenyl

R.T.: 10.197 min
Delta R.T.: 0.001 min
Response: 105678663
Conc: 19.47 ng/ml



#2 Decachlorobiphenyl

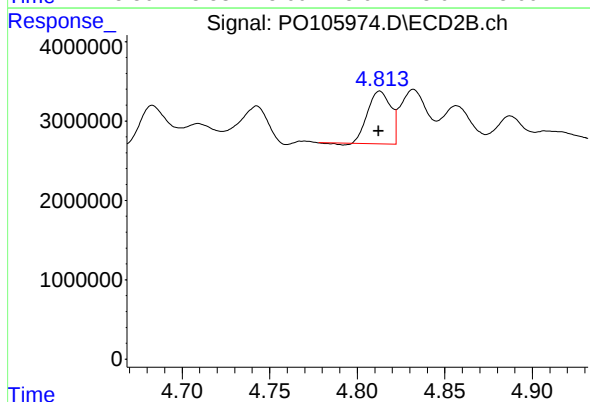
R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 38487661
Conc: 17.63 ng/ml



#3 AR-1016-1

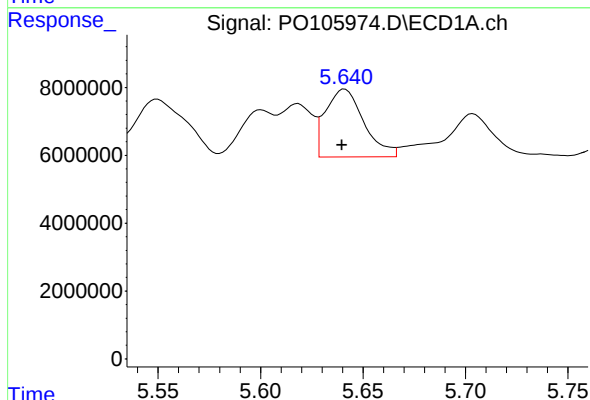
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 17102297
Conc: 54.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



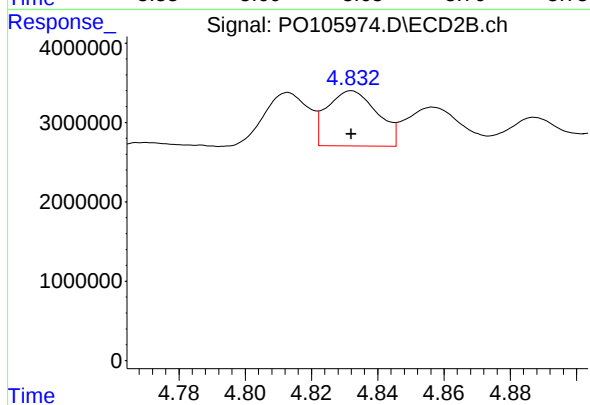
#3 AR-1016-1

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 6061886
Conc: 63.41 ng/ml



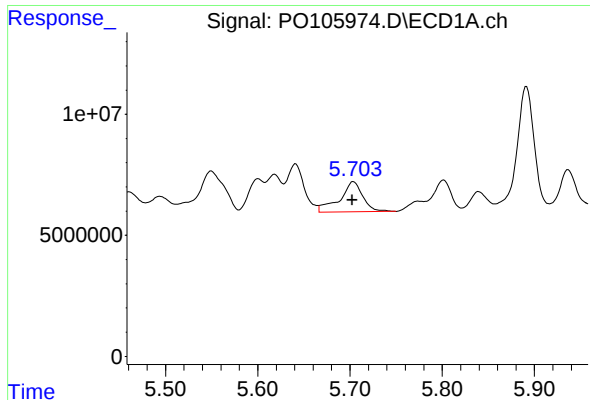
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: 0.001 min
Response: 25961152
Conc: 59.06 ng/ml



#4 AR-1016-2

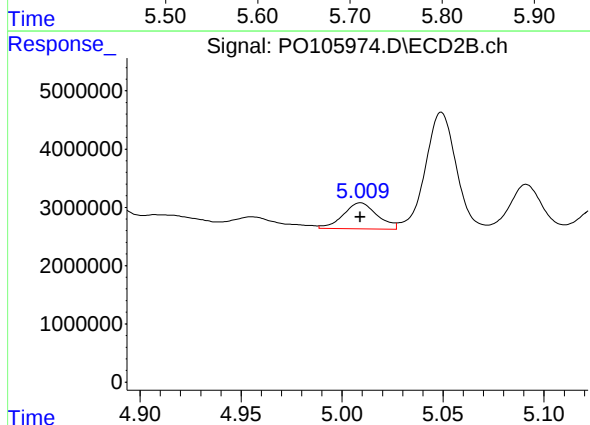
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 7314157
Conc: 57.64 ng/ml



#5 AR-1016-3

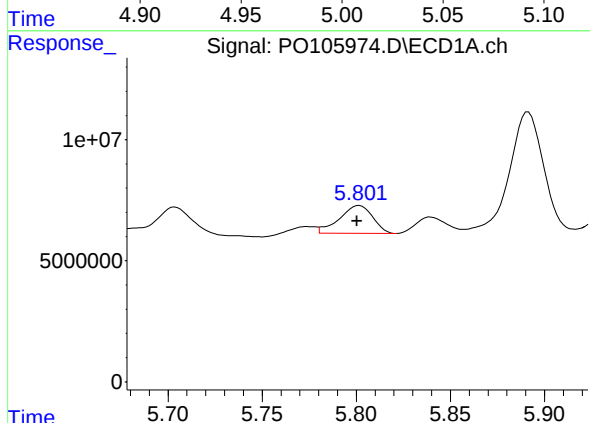
R.T.: 5.704 min
Delta R.T.: 0.001 min
Response: 21657939
Conc: 80.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



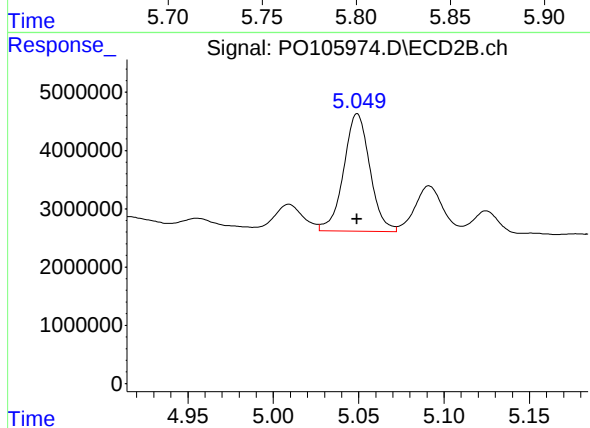
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 5250681
Conc: 75.06 ng/ml



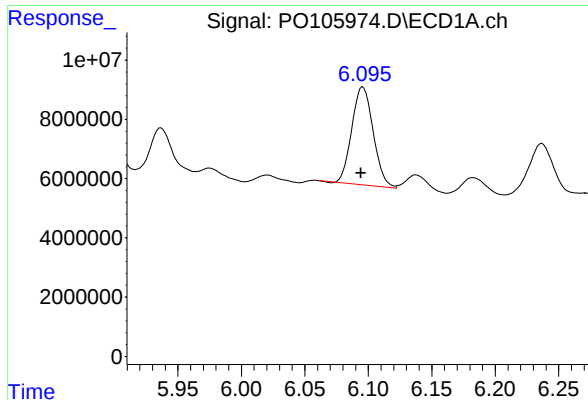
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: 0.001 min
Response: 14139392
Conc: 64.23 ng/ml



#6 AR-1016-4

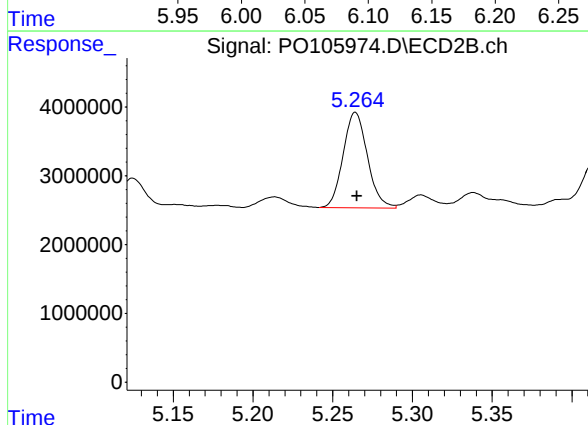
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 21604063
Conc: 401.75 ng/ml



#7 AR-1016-5

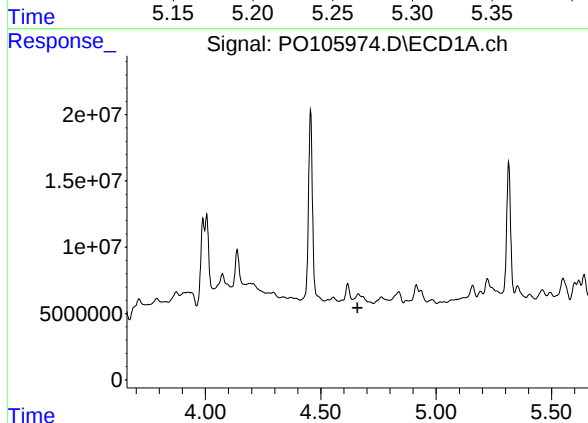
R.T.: 6.096 min
Delta R.T.: 0.001 min
Response: 38688582
Conc: 181.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



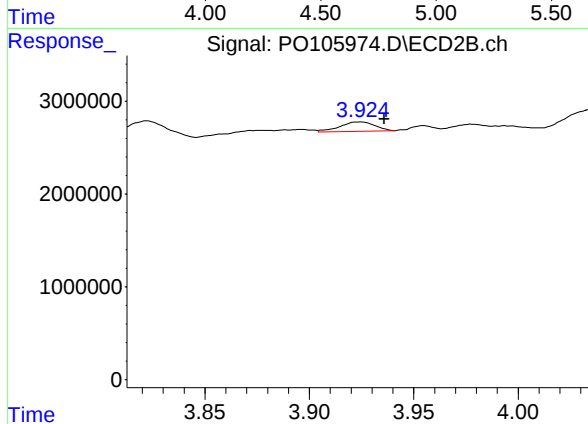
#7 AR-1016-5

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 14730319
Conc: 214.07 ng/ml



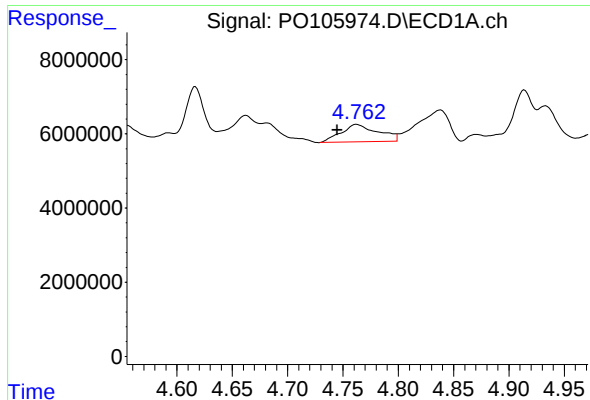
#8 AR-1221-1

R.T.: 4.662 min
Delta R.T.: 0.003 min
Response: -7590240
Conc: N.D.



#8 AR-1221-1

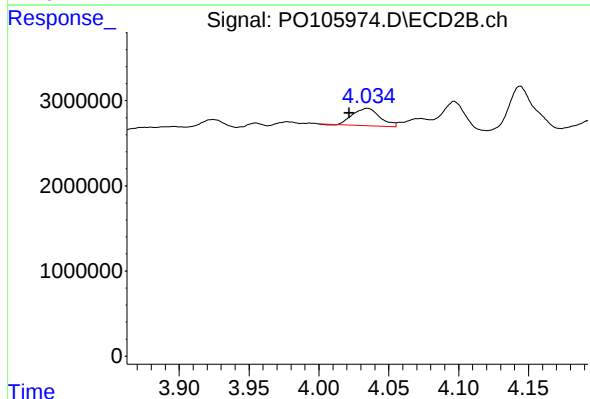
R.T.: 3.924 min
Delta R.T.: -0.012 min
Response: 1189893
Conc: 39.00 ng/ml



#9 AR-1221-2

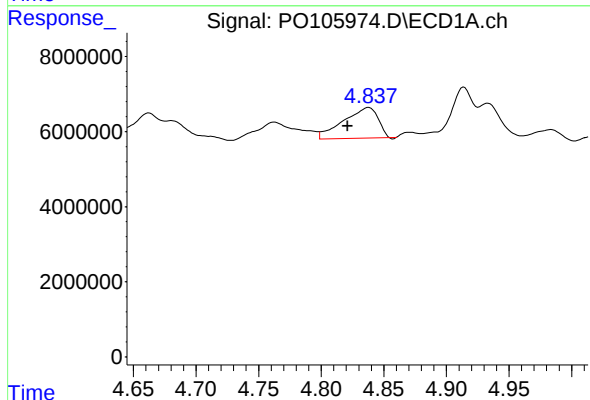
R.T.: 4.763 min
Delta R.T.: 0.018 min
Response: 10857721
Conc: 129.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



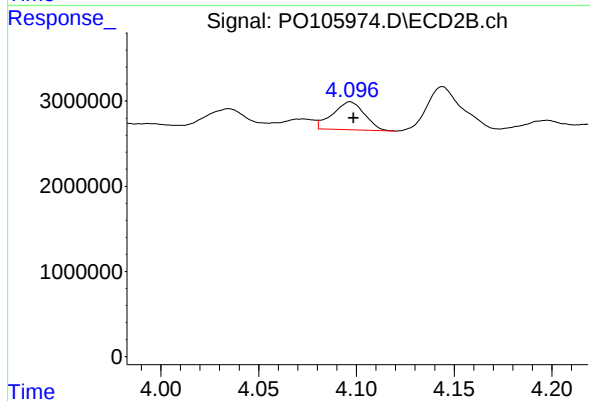
#9 AR-1221-2

R.T.: 4.035 min
Delta R.T.: 0.013 min
Response: 2765743
Conc: 121.01 ng/ml



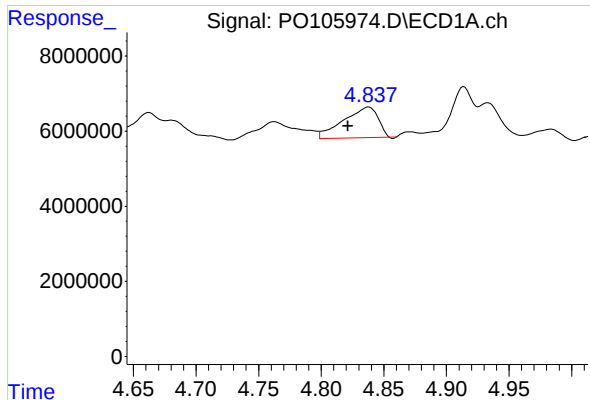
#10 AR-1221-3

R.T.: 4.838 min
Delta R.T.: 0.017 min
Response: 15346435
Conc: 63.40 ng/ml



#10 AR-1221-3

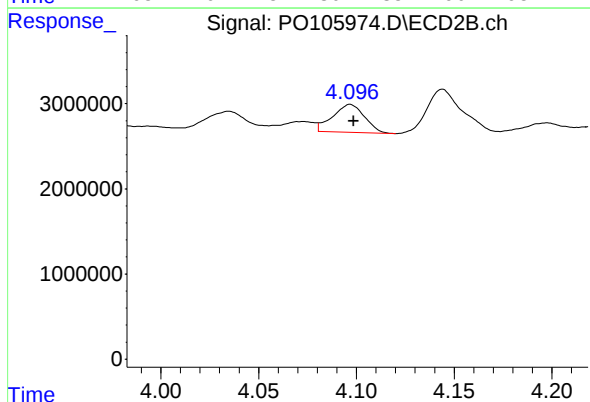
R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 3711368
Conc: 52.00 ng/ml



#11 AR-1232-1

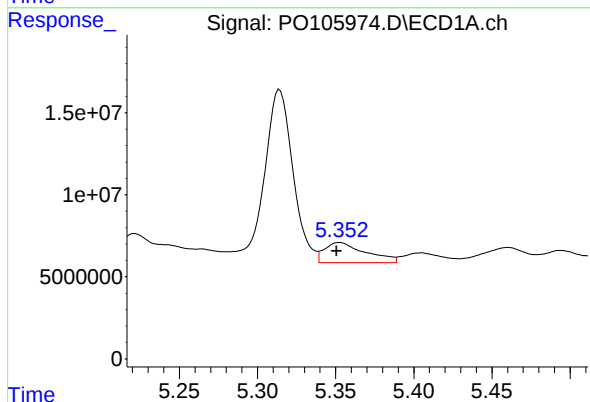
R.T.: 4.838 min
Delta R.T.: 0.017 min
Response: 15346435
Conc: 75.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



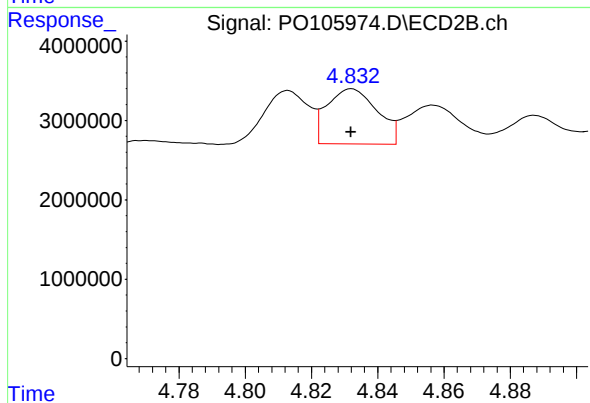
#11 AR-1232-1

R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 3711368
Conc: 63.18 ng/ml



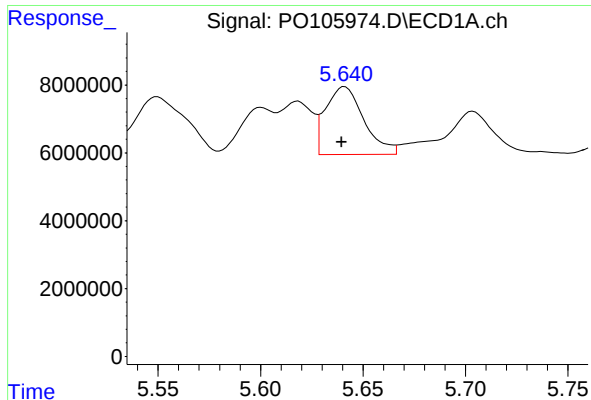
#12 AR-1232-2

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 22483864
Conc: 206.95 ng/ml



#12 AR-1232-2

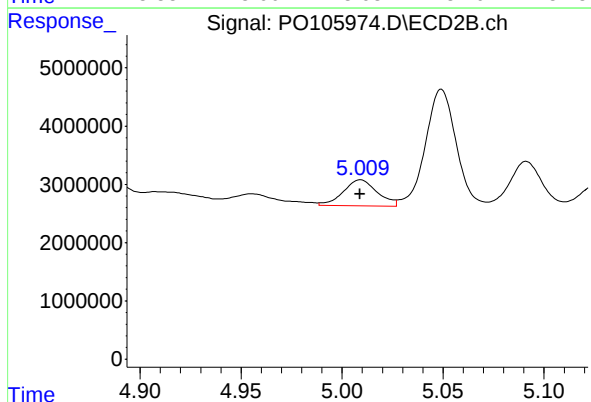
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 7314157
Conc: 129.52 ng/ml



#13 AR-1232-3

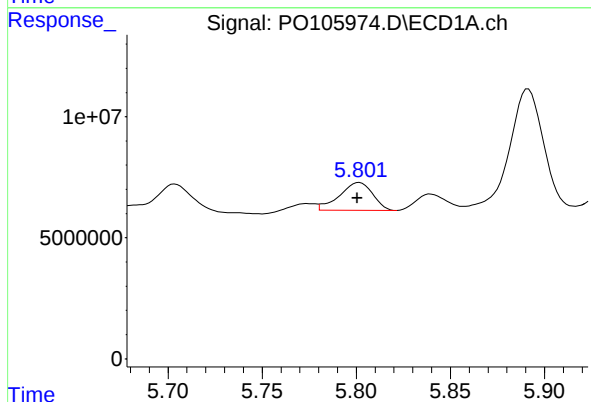
R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 25961152
Conc: 131.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



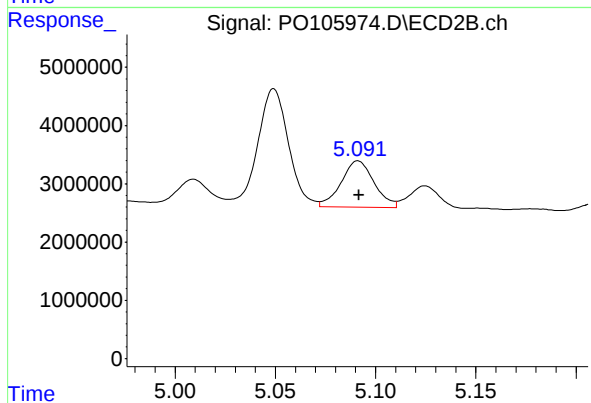
#13 AR-1232-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 5250681
Conc: 169.94 ng/ml



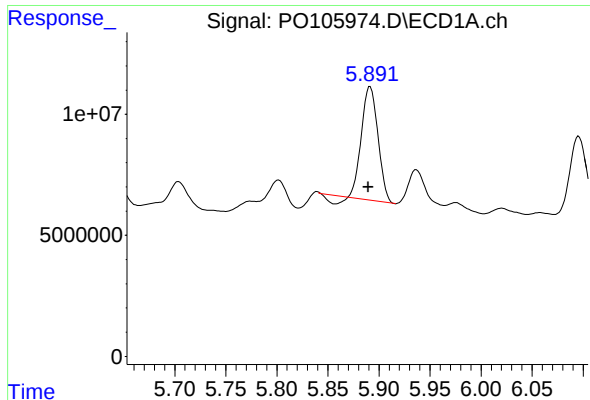
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: 0.001 min
Response: 14139392
Conc: 143.61 ng/ml



#14 AR-1232-4

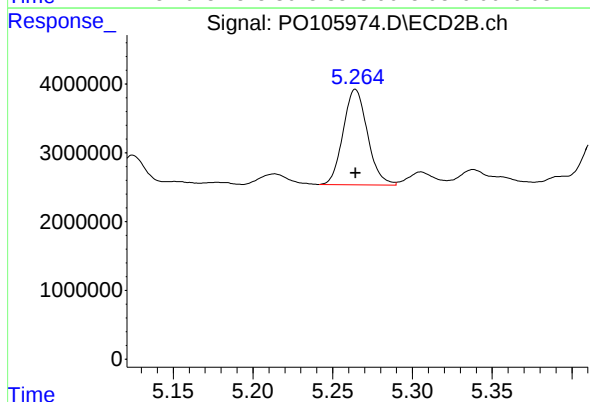
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 9155371
Conc: 338.85 ng/ml



#15 AR-1232-5

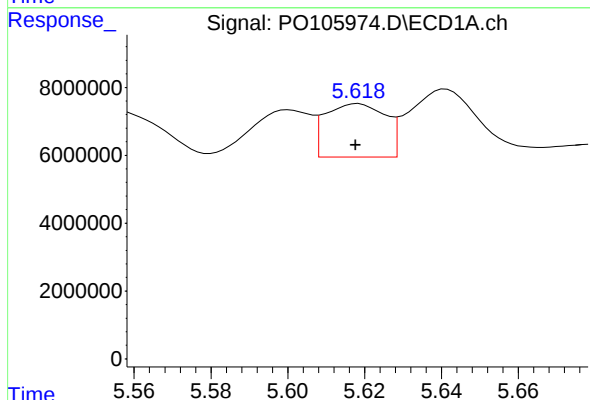
R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 50483676
Conc: 663.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



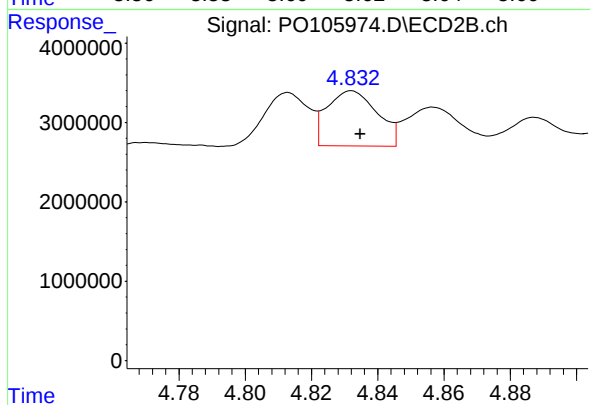
#15 AR-1232-5

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 14730319
Conc: 498.20 ng/ml



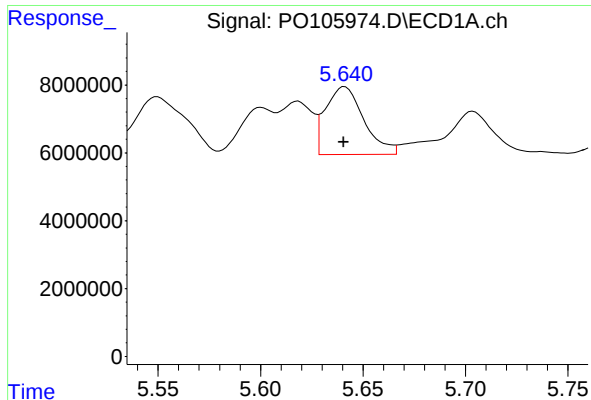
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 17102297
Conc: 70.69 ng/ml



#16 AR-1242-1

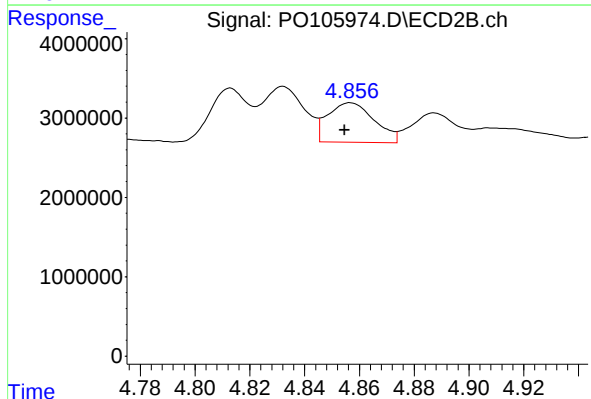
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 7314157
Conc: 102.84 ng/ml



#17 AR-1242-2

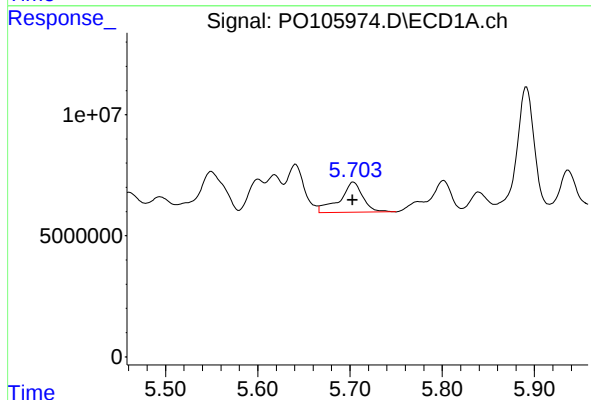
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 25961152
Conc: 78.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



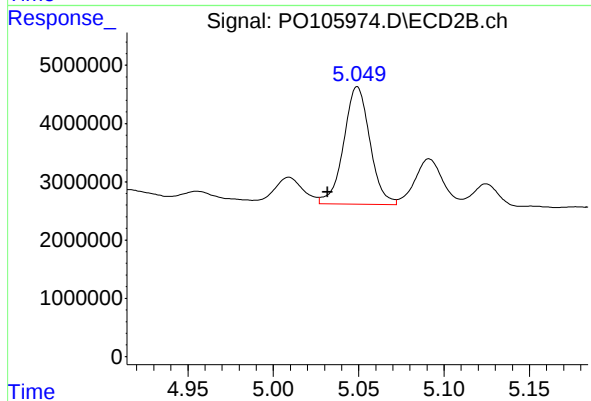
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: 0.002 min
Response: 5889001
Conc: 62.85 ng/ml



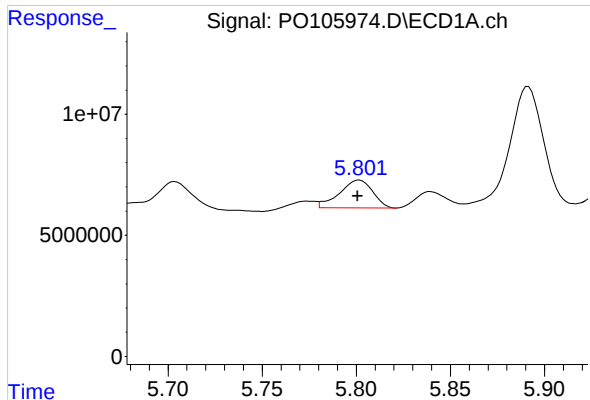
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 21657939
Conc: 105.43 ng/ml



#18 AR-1242-3

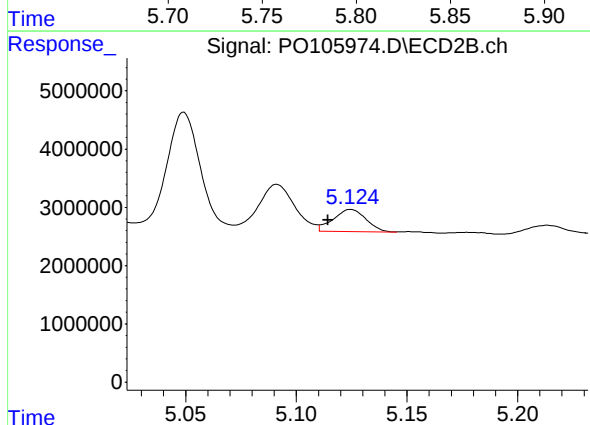
R.T.: 5.049 min
Delta R.T.: 0.017 min
Response: 21604063
Conc: 423.65 ng/ml



#19 AR-1242-4

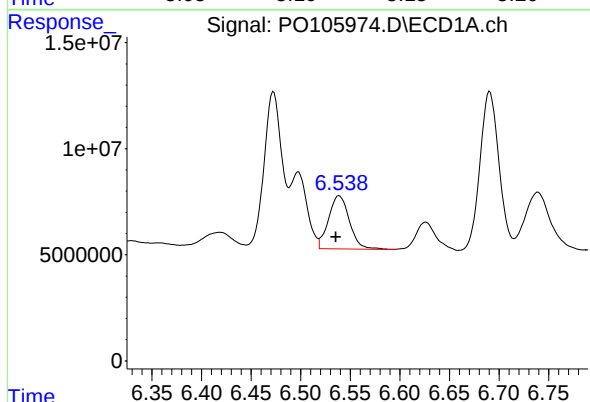
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 14139392
Conc: 84.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



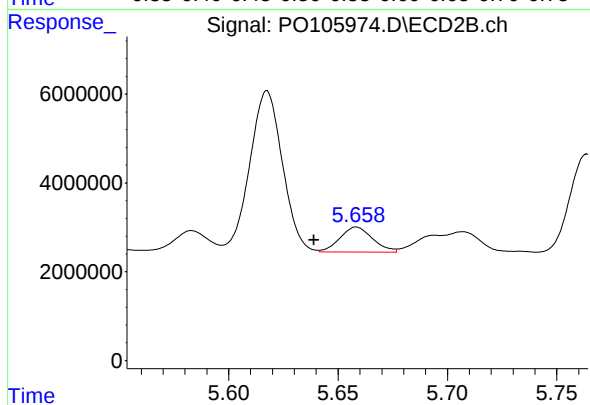
#19 AR-1242-4

R.T.: 5.125 min
Delta R.T.: 0.010 min
Response: 3930532
Conc: 76.67 ng/ml



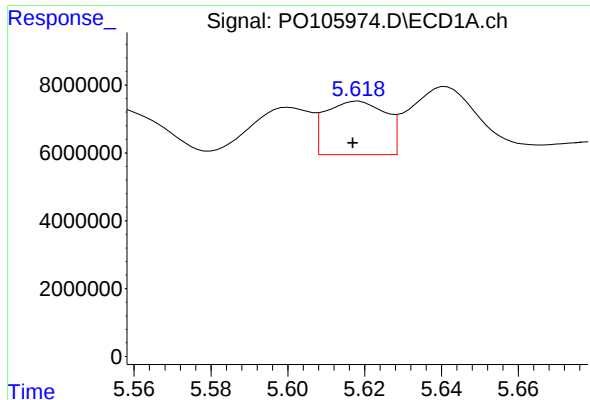
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.003 min
Response: 37114217
Conc: 217.85 ng/ml



#20 AR-1242-5

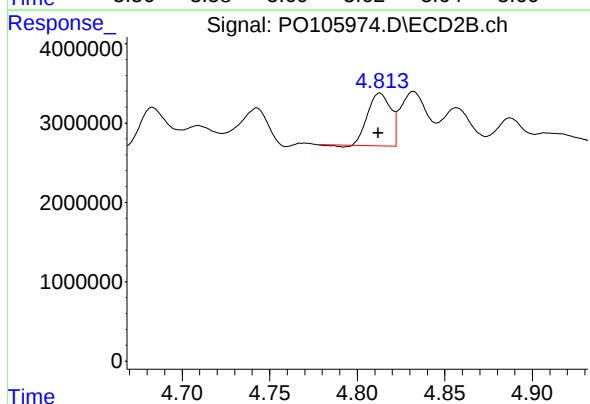
R.T.: 5.658 min
Delta R.T.: 0.019 min
Response: 5801670
Conc: 89.76 ng/ml



#21 AR-1248-1

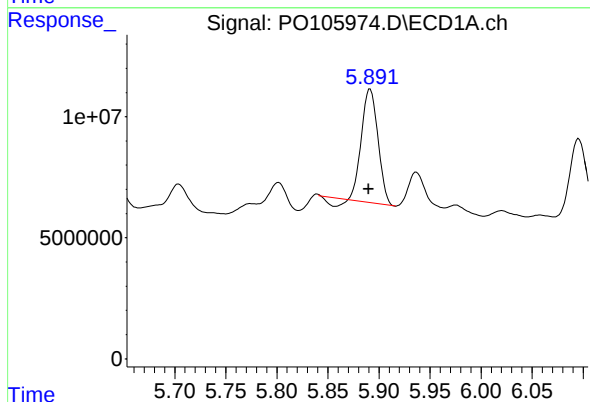
R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 17102297
Conc: 90.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



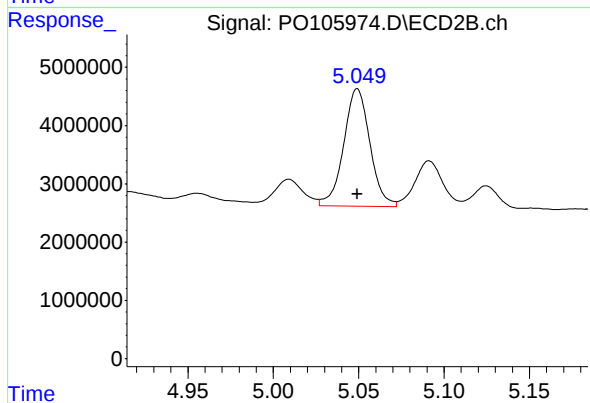
#21 AR-1248-1

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 6061886
Conc: 108.23 ng/ml



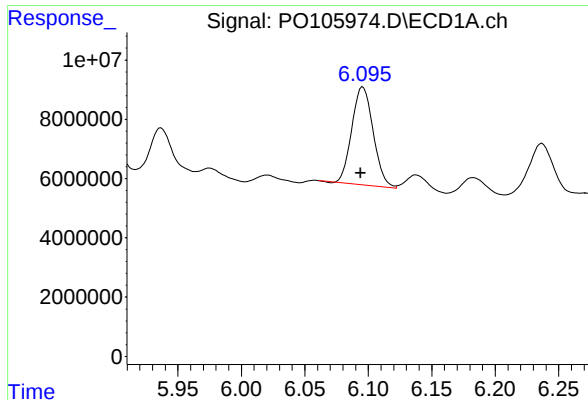
#22 AR-1248-2

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 50483676
Conc: 195.38 ng/ml



#22 AR-1248-2

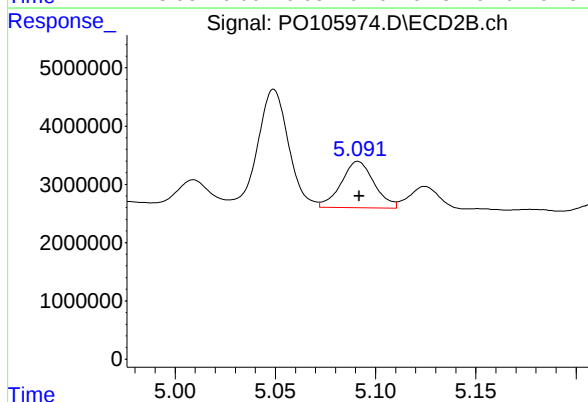
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 21604063
Conc: 290.21 ng/ml



#23 AR-1248-3

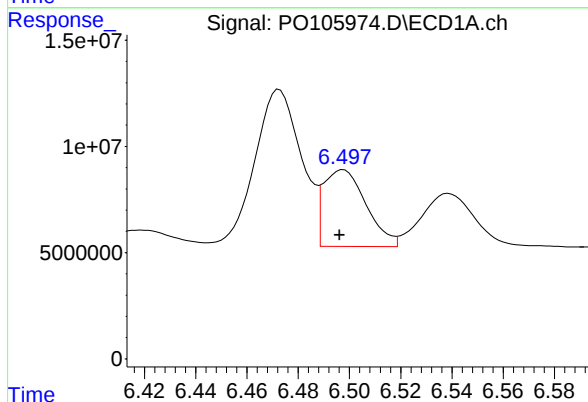
R.T.: 6.096 min
Delta R.T.: 0.002 min
Response: 38688582
Conc: 135.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



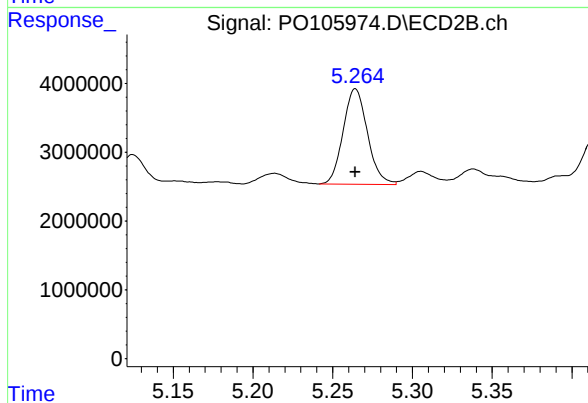
#23 AR-1248-3

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 9155371
Conc: 116.56 ng/ml



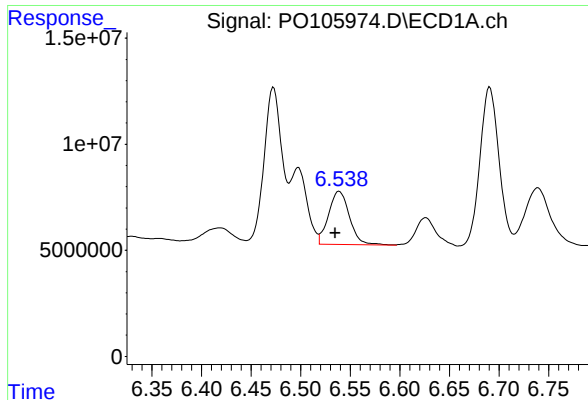
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 41705377
Conc: 132.28 ng/ml



#24 AR-1248-4

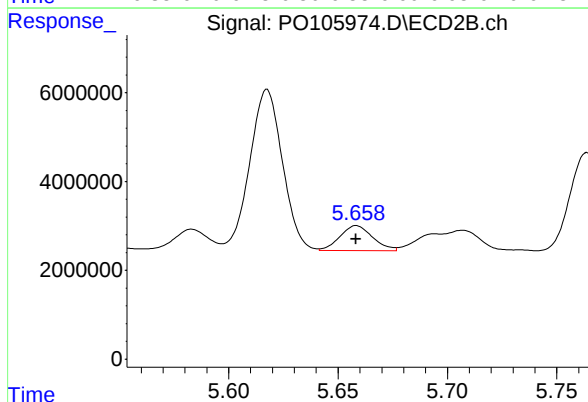
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 14730319
Conc: 158.20 ng/ml



#25 AR-1248-5

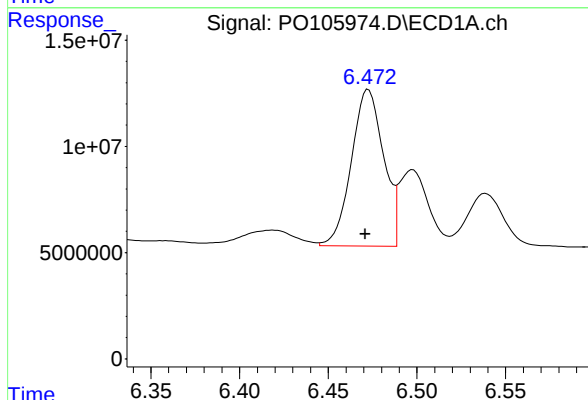
R.T.: 6.539 min
Delta R.T.: 0.004 min
Response: 37114217
Conc: 122.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



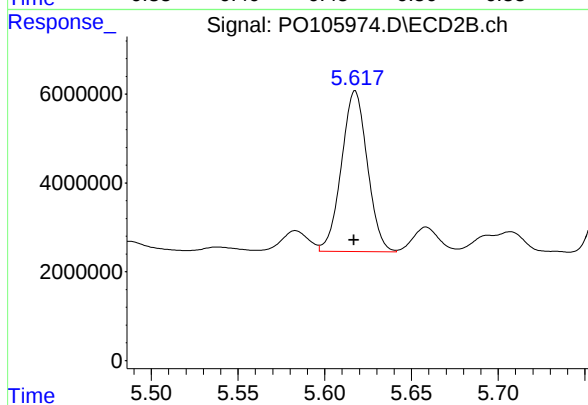
#25 AR-1248-5

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 5801670
Conc: 63.31 ng/ml



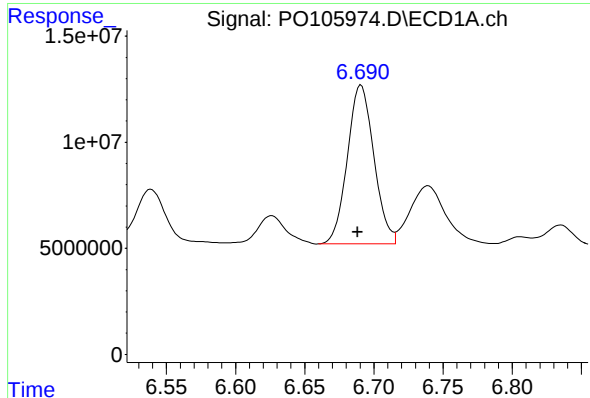
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 93129894
Conc: 301.68 ng/ml



#26 AR-1254-1

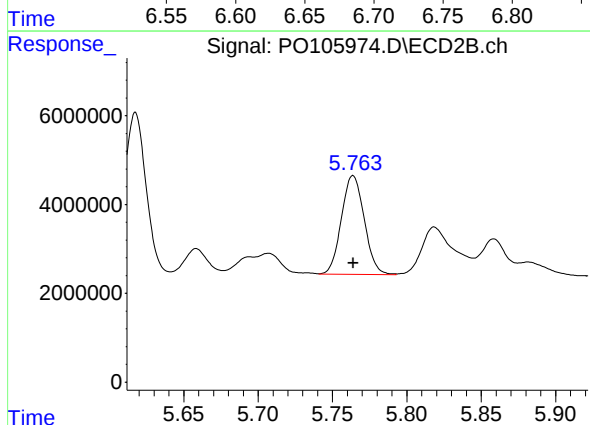
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 37645544
Conc: 279.02 ng/ml



#27 AR-1254-2

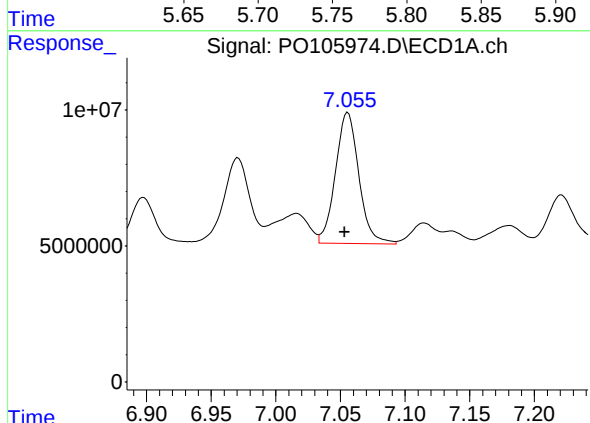
R.T.: 6.691 min
Delta R.T.: 0.002 min
Response: 99995976
Conc: 217.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



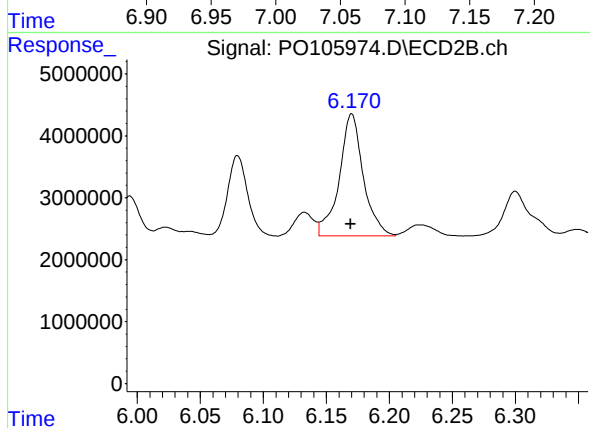
#27 AR-1254-2

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 23837470
Conc: 196.40 ng/ml



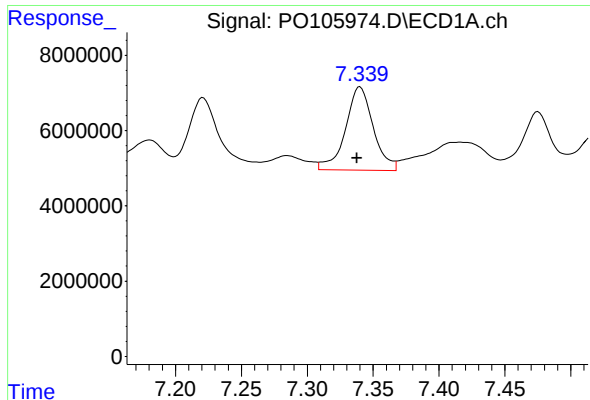
#28 AR-1254-3

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 60698163
Conc: 128.48 ng/ml



#28 AR-1254-3

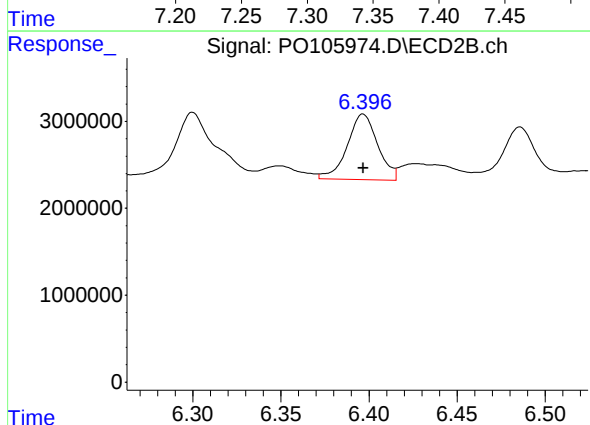
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 26283681
Conc: 136.36 ng/ml



#29 AR-1254-4

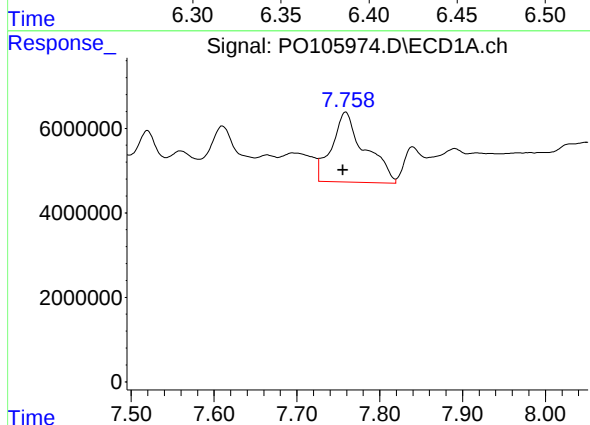
R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 32567529
Conc: 93.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



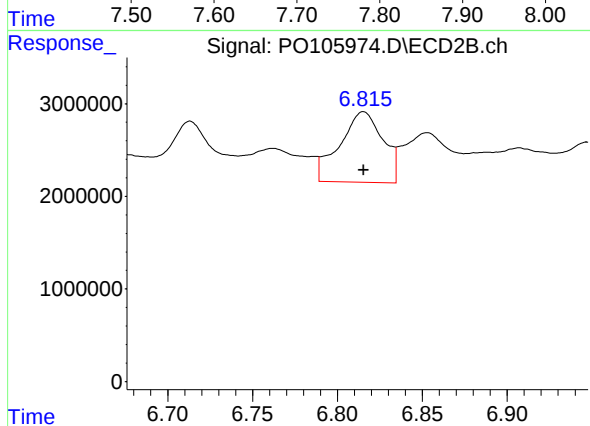
#29 AR-1254-4

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 9113108
Conc: 75.15 ng/ml



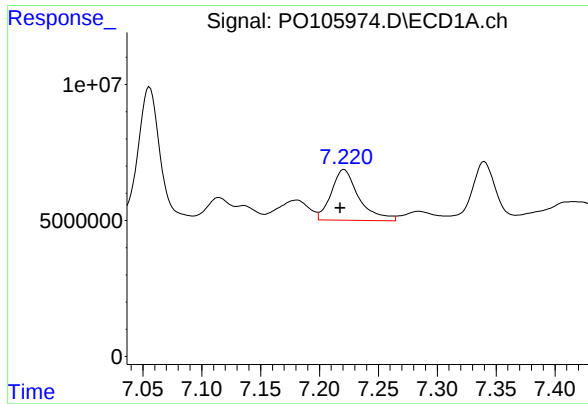
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: 0.003 min
Response: 46117768
Conc: 126.30 ng/ml



#30 AR-1254-5

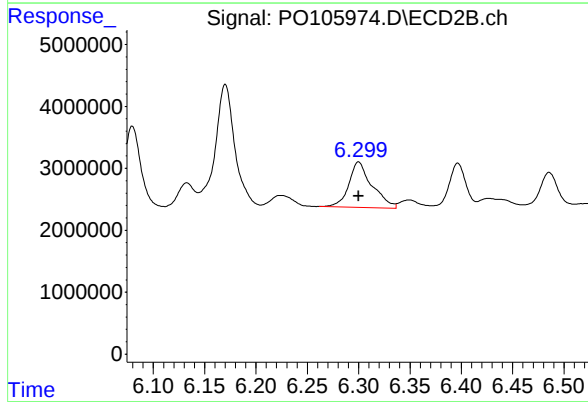
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 13545783
Conc: 76.61 ng/ml



#31 AR-1260-1

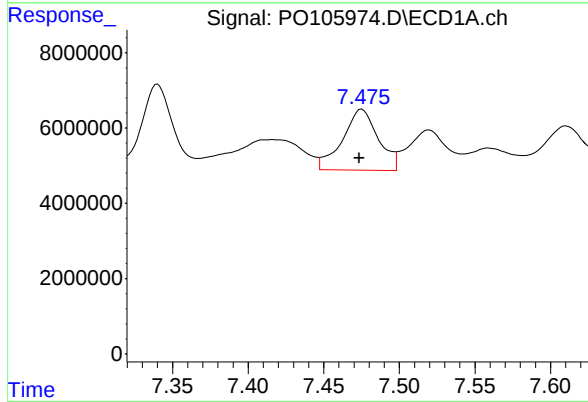
R.T.: 7.221 min
Delta R.T.: 0.003 min
Response: 30613438
Conc: 85.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



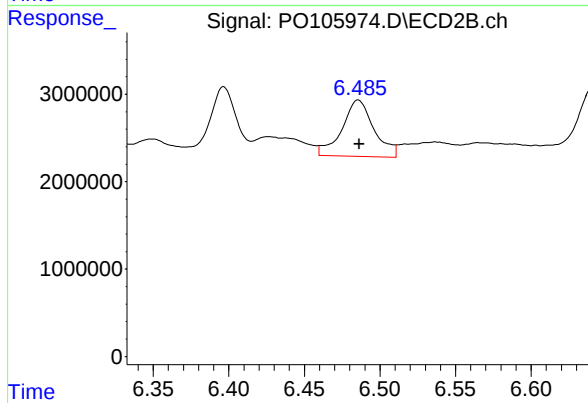
#31 AR-1260-1

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 11545684
Conc: 87.64 ng/ml



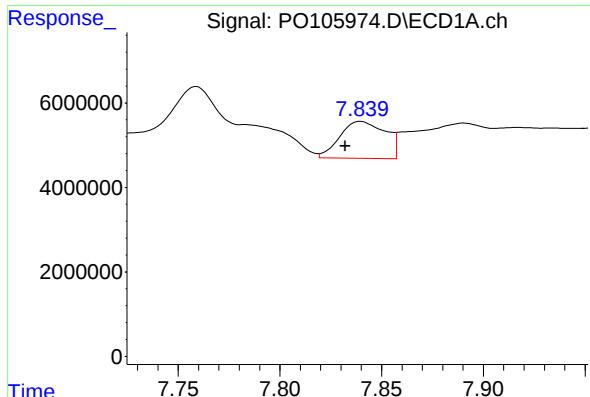
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: 0.002 min
Response: 26807484
Conc: 63.82 ng/ml



#32 AR-1260-2

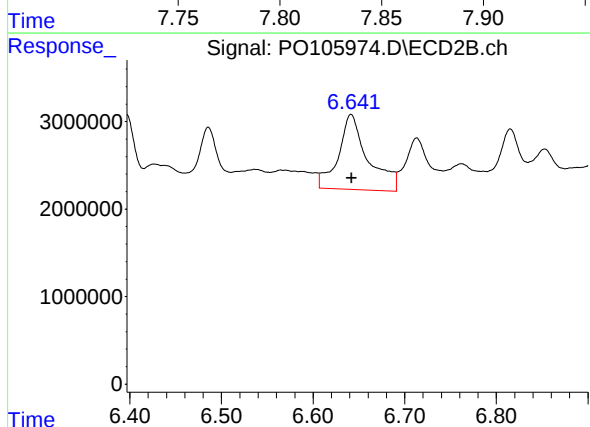
R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 9481441
Conc: 57.77 ng/ml



#33 AR-1260-3

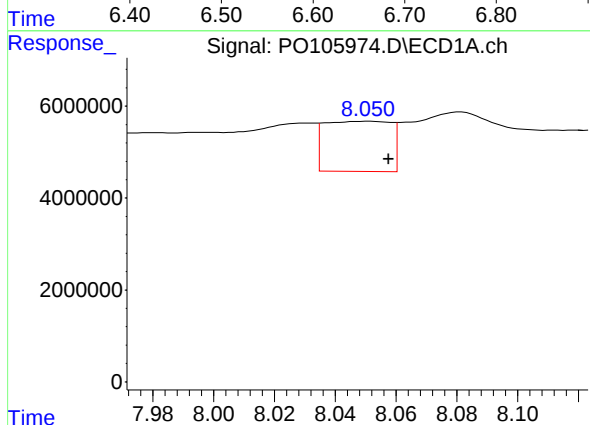
R.T.: 7.840 min
Delta R.T.: 0.008 min
Response: 13548114
Conc: 50.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



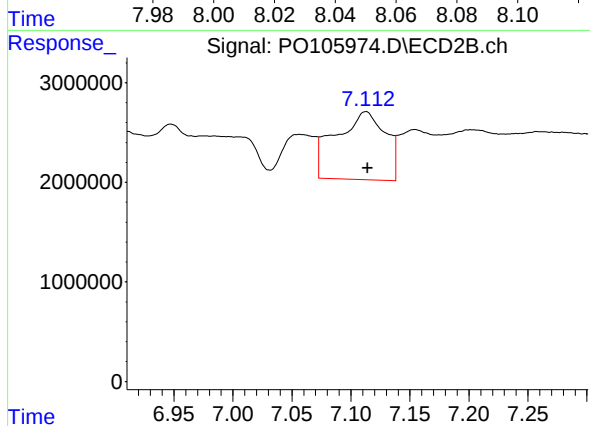
#33 AR-1260-3

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 19245532
Conc: 114.04 ng/ml



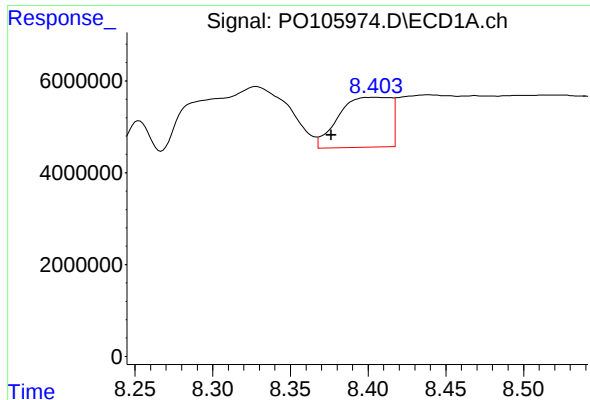
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.007 min
Response: 16472676
Conc: 53.13 ng/ml



#34 AR-1260-4

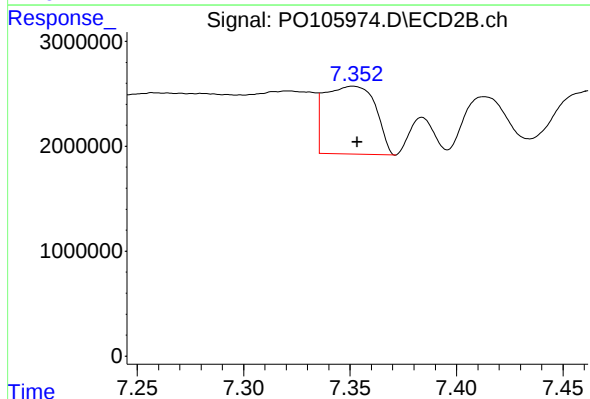
R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 20050414
Conc: 180.93 ng/ml



#35 AR-1260-5

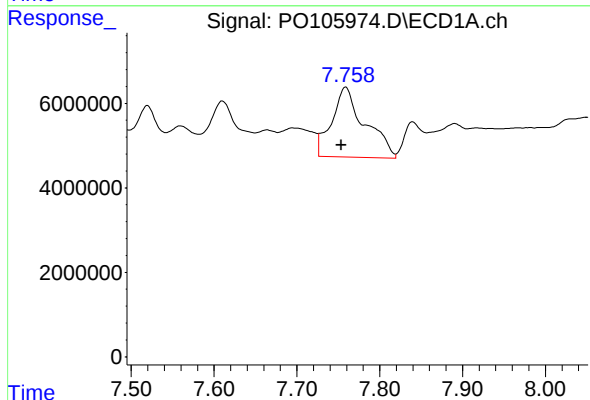
R.T.: 8.405 min
Delta R.T.: 0.029 min
Response: 25340895
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



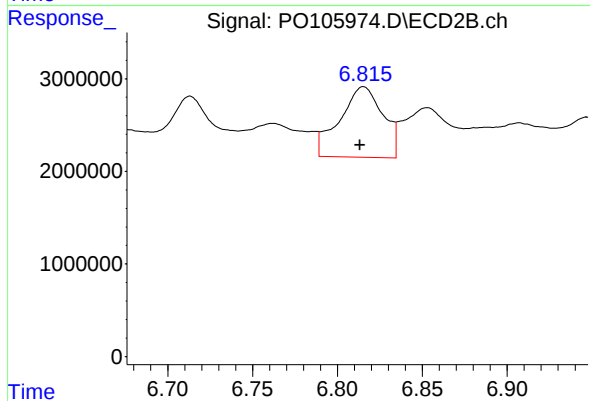
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 10770314
Conc: 39.69 ng/ml



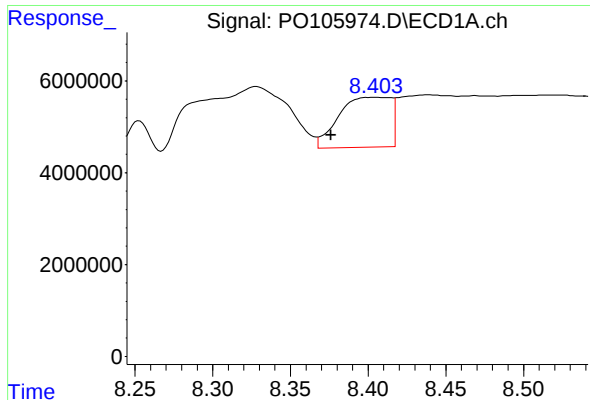
#36 AR-1262-1

R.T.: 7.759 min
Delta R.T.: 0.005 min
Response: 46117768
Conc: 158.79 ng/ml



#36 AR-1262-1

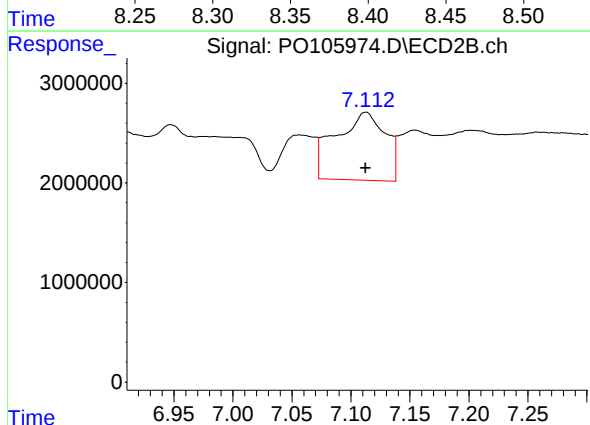
R.T.: 6.815 min
Delta R.T.: 0.002 min
Response: 13545783
Conc: 140.51 ng/ml



#37 AR-1262-2

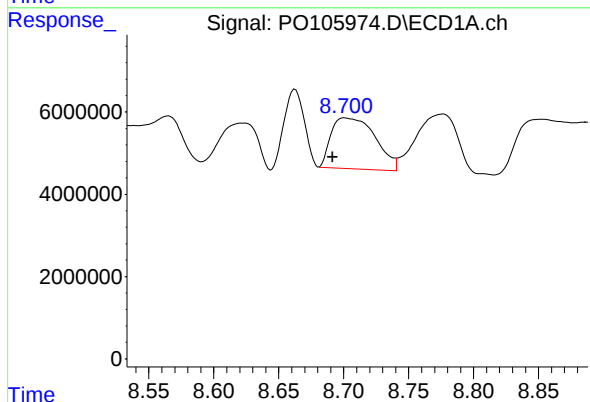
R.T.: 8.405 min
Delta R.T.: 0.029 min
Response: 25340895
Conc: 35.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



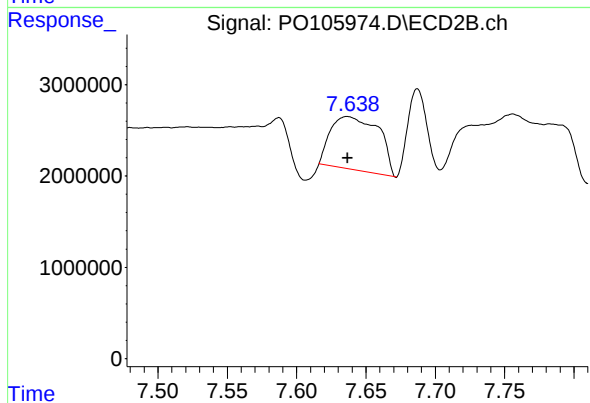
#37 AR-1262-2

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 20050414
Conc: 129.07 ng/ml



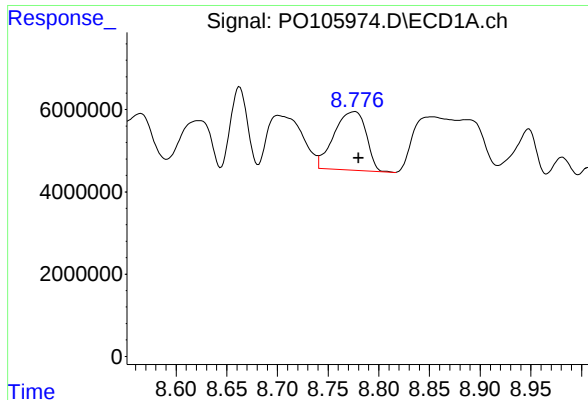
#38 AR-1262-3

R.T.: 8.701 min
Delta R.T.: 0.009 min
Response: 29284766
Conc: 60.77 ng/ml



#38 AR-1262-3

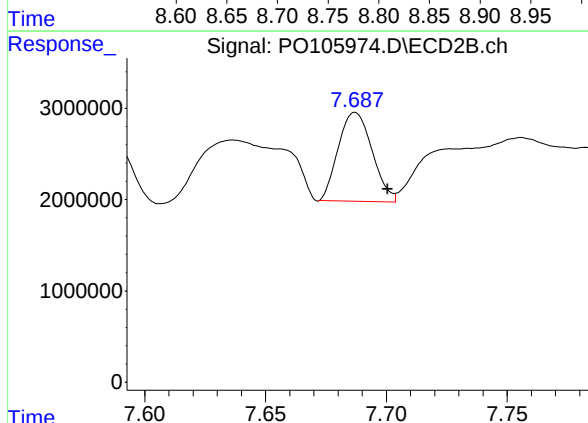
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 14088978
Conc: 123.82 ng/ml



#39 AR-1262-4

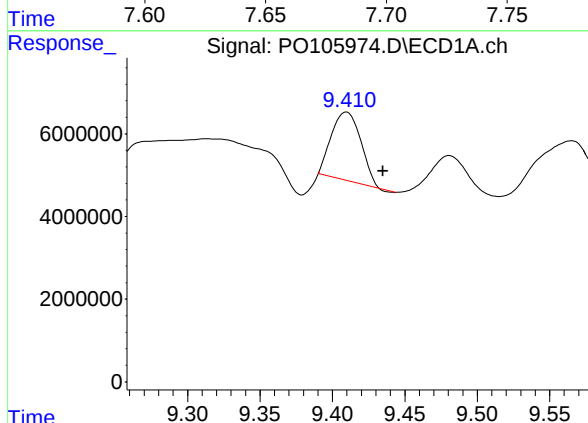
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 31389838
Conc: 87.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



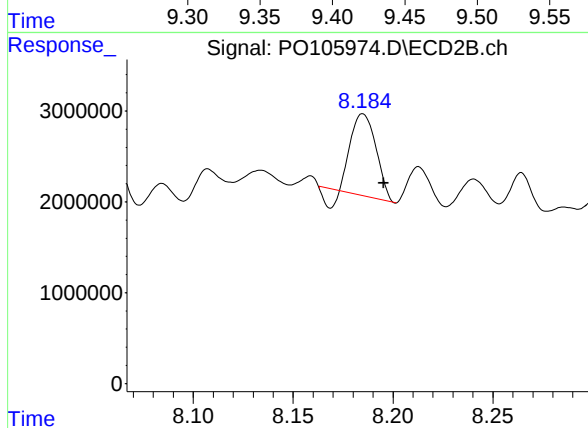
#39 AR-1262-4

R.T.: 7.687 min
Delta R.T.: -0.013 min
Response: 9508859
Conc: 39.90 ng/ml



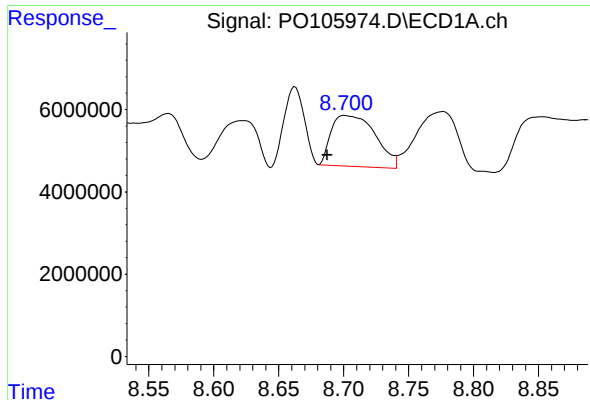
#40 AR-1262-5

R.T.: 9.410 min
Delta R.T.: -0.025 min
Response: 23256636
Conc: 90.45 ng/ml



#40 AR-1262-5

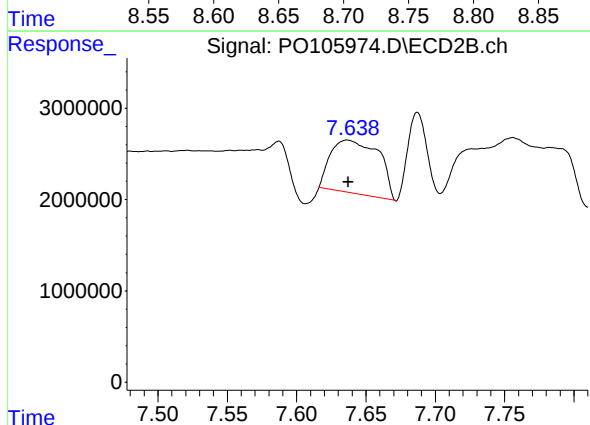
R.T.: 8.185 min
Delta R.T.: -0.010 min
Response: 7268271
Conc: 66.30 ng/ml



#41 AR-1268-1

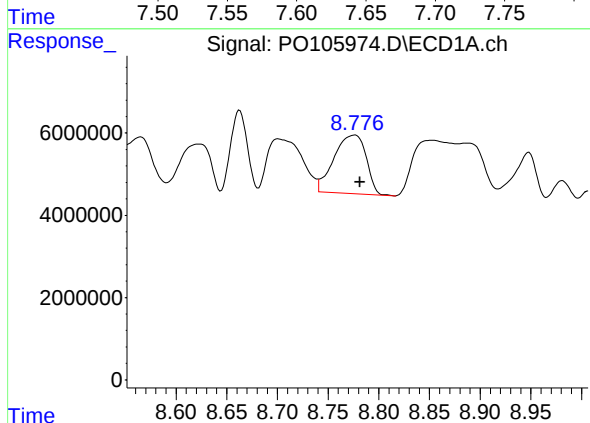
R.T.: 8.701 min
Delta R.T.: 0.013 min
Response: 29284766
Conc: 35.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



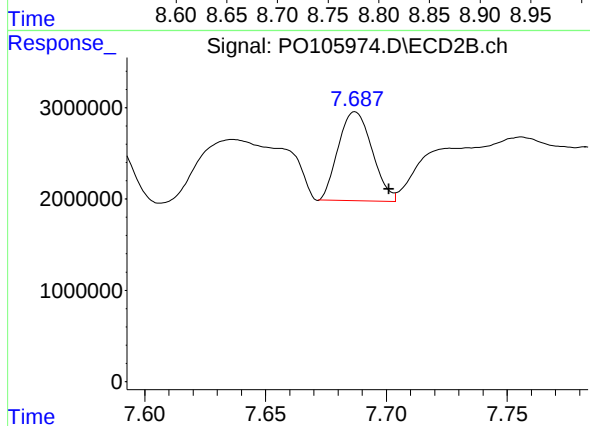
#41 AR-1268-1

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 14088978
Conc: 41.02 ng/ml



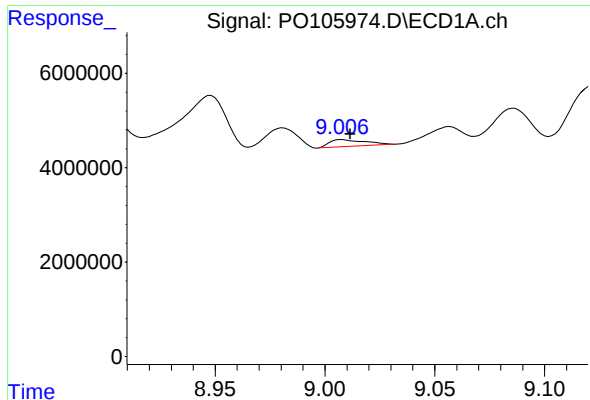
#42 AR-1268-2

R.T.: 8.776 min
Delta R.T.: -0.005 min
Response: 31389838
Conc: 42.85 ng/ml



#42 AR-1268-2

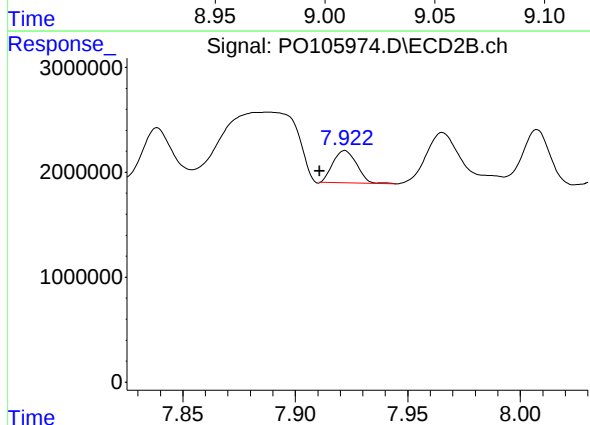
R.T.: 7.687 min
Delta R.T.: -0.014 min
Response: 9508859
Conc: 29.52 ng/ml



#43 AR-1268-3

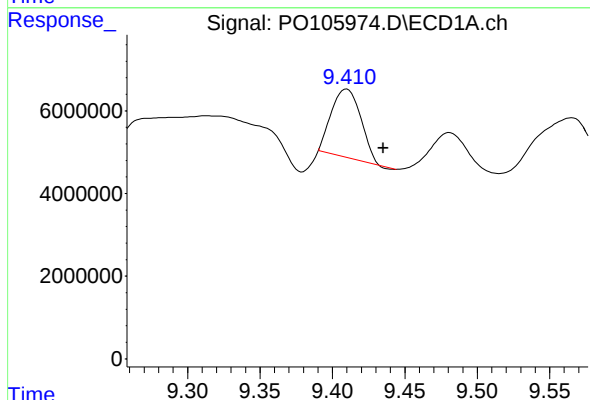
R.T.: 9.008 min
Delta R.T.: -0.004 min
Response: 1647437
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



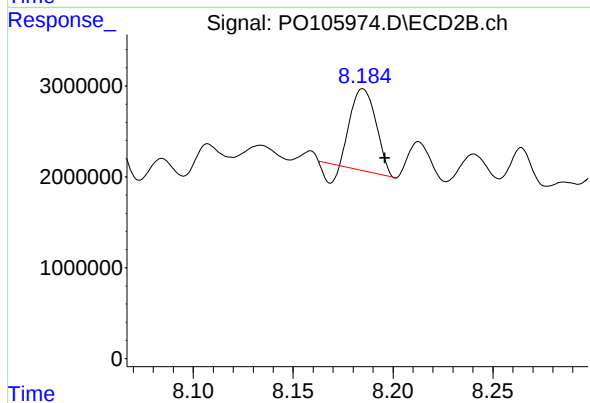
#43 AR-1268-3

R.T.: 7.922 min
Delta R.T.: 0.011 min
Response: 2267678
Conc: 8.44 ng/ml



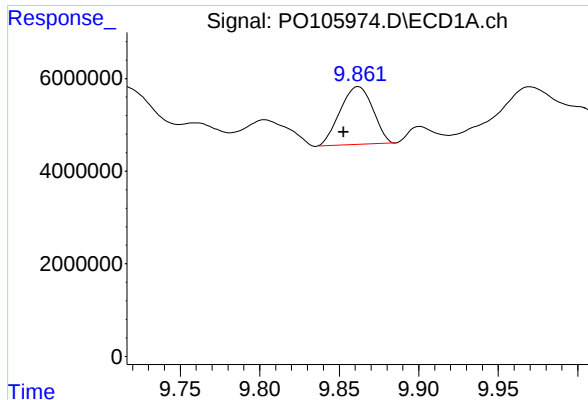
#44 AR-1268-4

R.T.: 9.410 min
Delta R.T.: -0.025 min
Response: 23256636
Conc: 85.98 ng/ml



#44 AR-1268-4

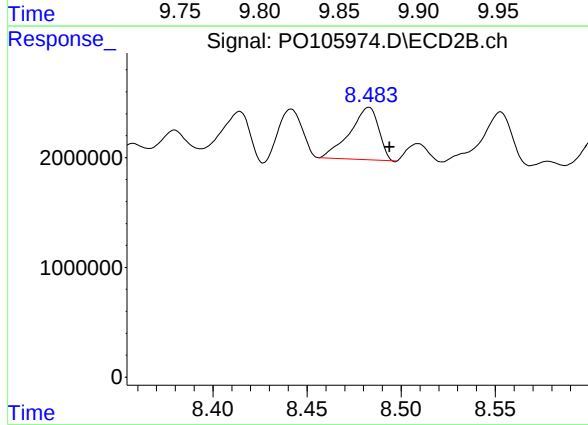
R.T.: 8.185 min
Delta R.T.: -0.011 min
Response: 7268271
Conc: 64.17 ng/ml



#45 AR-1268-5

R.T.: 9.862 min
Delta R.T.: 0.009 min
Response: 17813181
Conc: 8.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
1



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.012 min
Response: 5102026
Conc: 5.96 ng/ml