

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 12:54
 Operator : YP/AJ
 Sample : PB157859BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:47:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.473	3.696	34579710	30090974	21.860	19.816
2) SA Decachlor...	10.350	8.784	24159138	28291300	21.516	22.718
Target Compounds						
3) L1 AR-1016-1	5.660	4.800	25197510	16410532	544.026	497.360
4) L1 AR-1016-2	5.683	4.819	36788542	22350234	541.628	493.255
5) L1 AR-1016-3	5.746	4.998	22610605	11974909	537.859	500.825
6) L1 AR-1016-4	5.846	5.039	18296731	10230930	552.015	500.653
7) L1 AR-1016-5	6.145	5.256	19655415	12566075	556.845	488.913
8) L2 AR-1221-1	4.682	3.912	2585855	2372263	147.152	132.663
9) L2 AR-1221-2	4.773	4.000	3176439	2968200	240.568	226.957
10) L2 AR-1221-3	4.851	4.077	13766687	11592250	332.084	311.079
11) L3 AR-1232-1	4.851	4.077	13766687	11592250	425.819	391.373
12) L3 AR-1232-2	5.388	4.819	20262297	22350234	1194.431	1070.023
13) L3 AR-1232-3	5.683	4.998	36788542	11974909	1240.262	1107.953
14) L3 AR-1232-4	5.846	5.082	18296731	12349899	1341.210	1197.482
15) L3 AR-1232-5	5.939	5.256	17673565	12566075	1473.009	1135.700
16) L4 AR-1242-1	5.660	4.800	25197510	16410532	680.856	601.520
17) L4 AR-1242-2	5.683	4.819	36788542	22350234	681.225	594.267
18) L4 AR-1242-3	5.746	4.998	22610605	11974909	679.083	600.229
19) L4 AR-1242-4	5.846	5.082	18296731	12349899	703.906	588.534
20) L4 AR-1242-5	6.594	5.613	2130463	10248691	86.528	441.407 #
21) L5 AR-1248-1	5.660	4.800	25197510	16410532	936.747	788.027
22) L5 AR-1248-2	5.939	5.039	17673565	10230930	391.405	349.466
23) L5 AR-1248-3	6.145	5.082	19655415	12349899	406.431	409.629
24) L5 AR-1248-4	6.528	5.256	16993327	12566075	389.686	364.293
25) L5 AR-1248-5	6.594	5.654	2130463	1316905	51.143	44.718
26) L6 AR-1254-1	6.528	5.613	16993327	10248691	309.928	203.767 #
27) L6 AR-1254-2	6.748	5.761	15539923	10072497	192.469	218.973
28) L6 AR-1254-3	7.120	6.152	7496755	4377279	98.063	57.910 #
29) L6 AR-1254-4	7.408	6.401	4453329	1738592	102.690	41.178 #
30) L6 AR-1254-5	7.831	6.822	44000447	42256430	793.826	576.333 #
31) L7 AR-1260-1	7.287	6.301	34887130	29289416	542.900	485.447
32) L7 AR-1260-2	7.546	6.490	37946369	35574236	537.145	497.782
33) L7 AR-1260-3	7.909	6.646	25375183	34864803	454.412	496.764
34) L7 AR-1260-4	8.139	7.122	29786932	27706451	485.669	458.653
35) L7 AR-1260-5	8.468	7.365	52704782	63908586	464.195	488.053
36) L8 AR-1262-1	7.831	6.822	44000447	42256430	941.544	1096.208
37) L8 AR-1262-2	8.468	7.122	52704782	27706451	444.120	355.929
38) L8 AR-1262-3	8.804	7.650	33471205	12082740	402.060	210.617 #
39) L8 AR-1262-4	8.863	7.715	19199826	46913096	292.776	428.631 #
40) L8 AR-1262-5	9.564	8.218	11847616	14145185	303.588	304.098
41) L9 AR-1268-1	8.804	7.650	33471205	12082740	219.340	68.425 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
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Integration File signal 1: autoint1.e
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 Quant Time: Dec 19 00:47:31 2023
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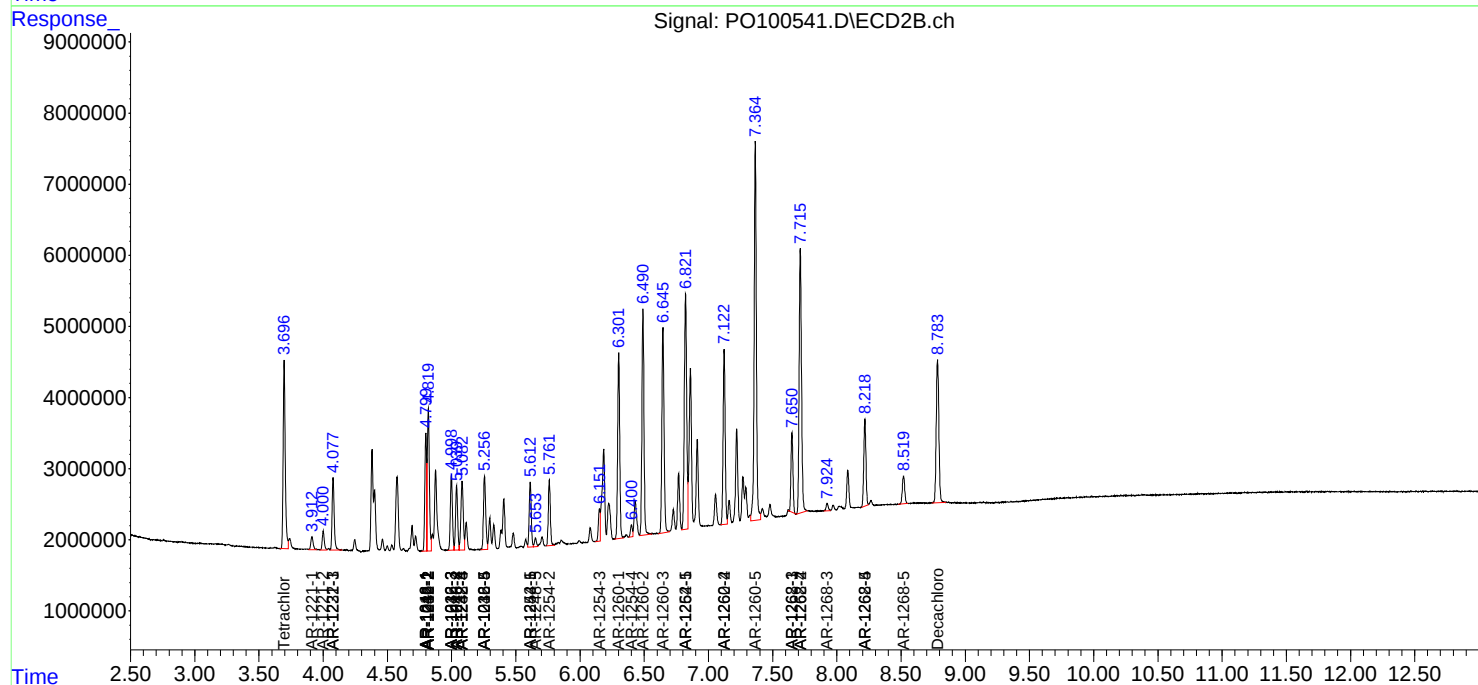
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

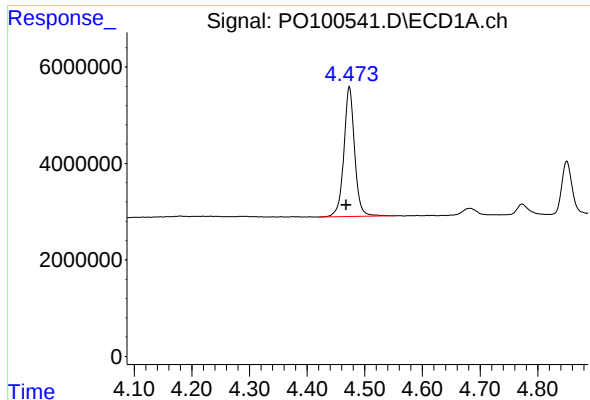
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.863	7.715	19199826	46913096	143.737	291.202 #
43) L9	AR-1268-3	9.125	7.924	993019	1272715	7.930	8.443
44) L9	AR-1268-4	9.525	8.218	-30413	14145185	N.D.	267.983 #
45) L9	AR-1268-5	9.996	8.519	4127708	5018945	11.481	11.974

(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

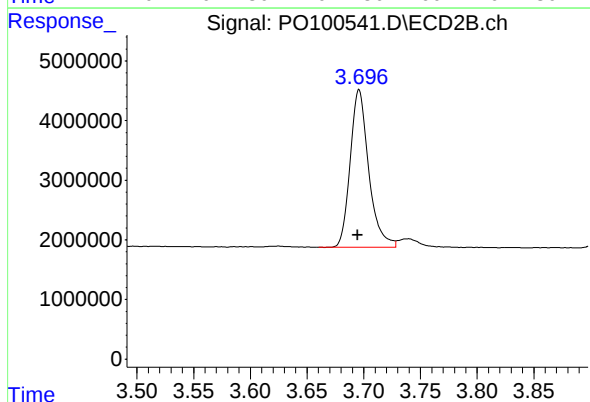




#1 Tetrachloro-m-xylene

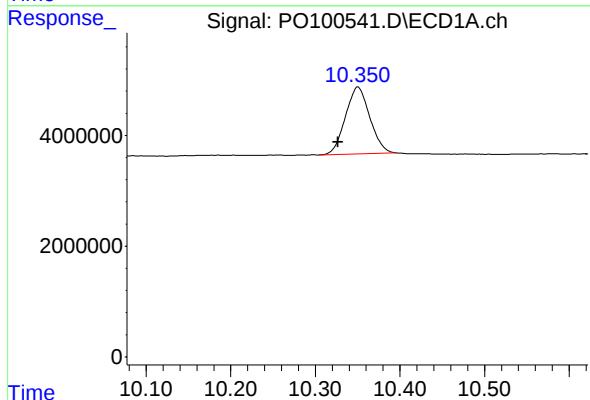
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 34579710
Conc: 21.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



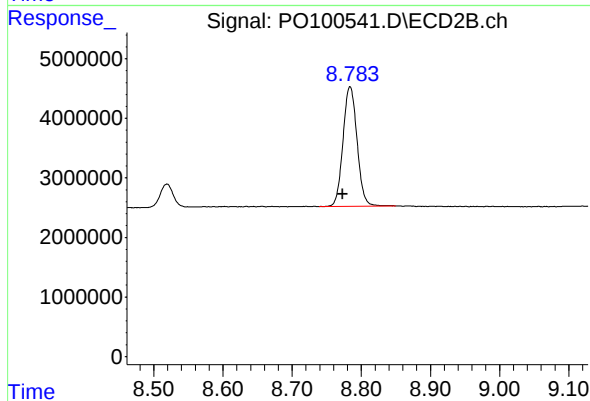
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.001 min
Response: 30090974
Conc: 19.82 ng/ml



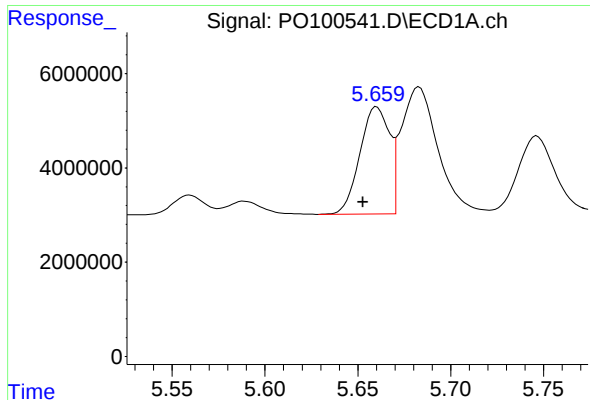
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.024 min
Response: 24159138
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

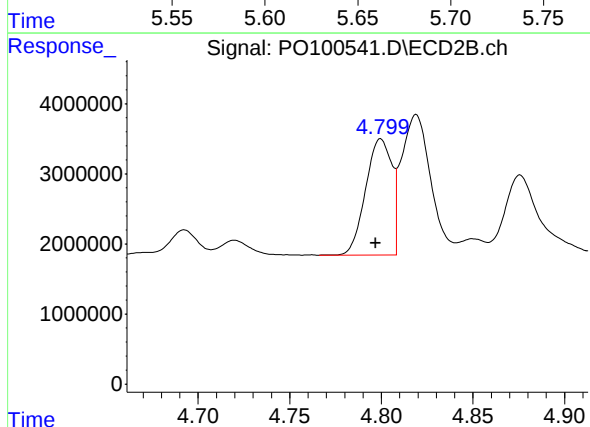
R.T.: 8.784 min
Delta R.T.: 0.010 min
Response: 28291300
Conc: 22.72 ng/ml



#3 AR-1016-1

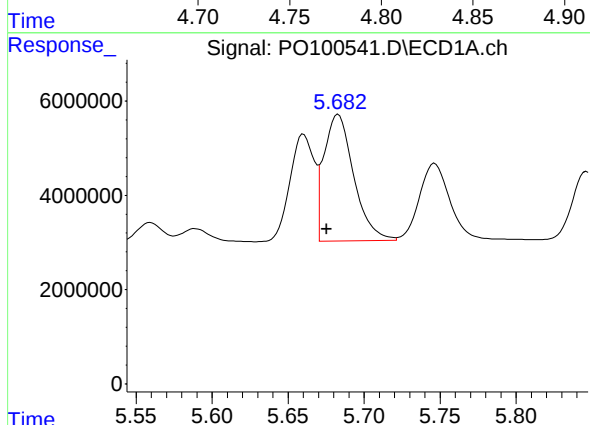
R.T.: 5.660 min
Delta R.T.: 0.007 min
Response: 25197510
Conc: 544.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



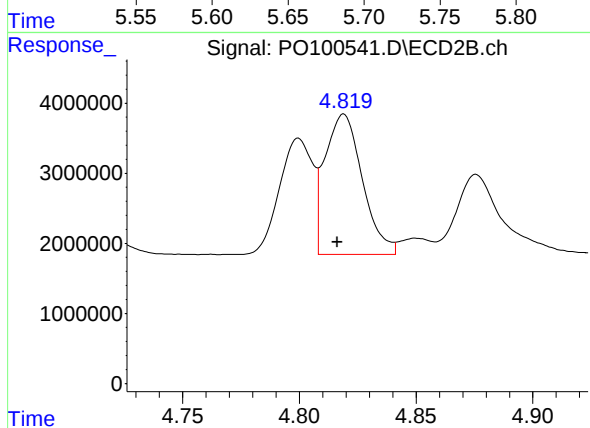
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: 0.003 min
Response: 16410532
Conc: 497.36 ng/ml



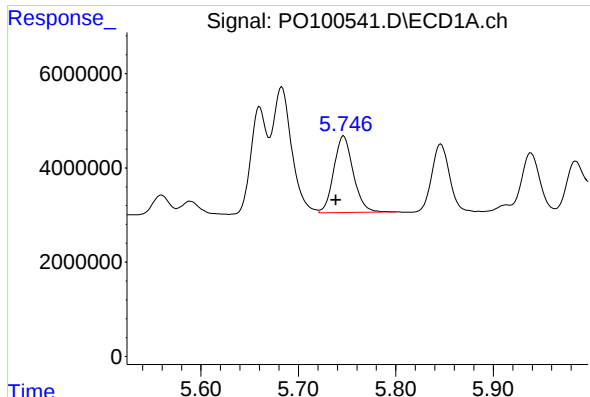
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 36788542
Conc: 541.63 ng/ml



#4 AR-1016-2

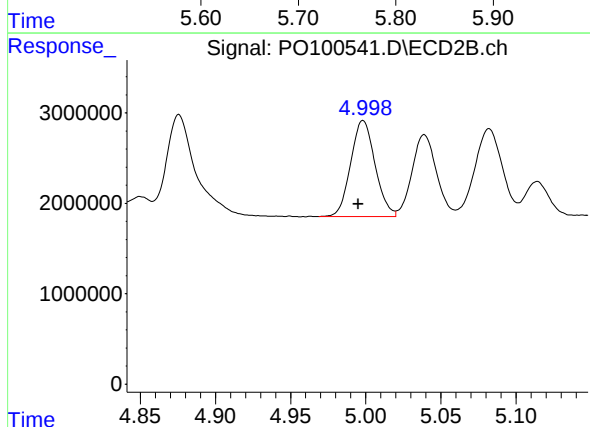
R.T.: 4.819 min
Delta R.T.: 0.003 min
Response: 22350234
Conc: 493.25 ng/ml



#5 AR-1016-3

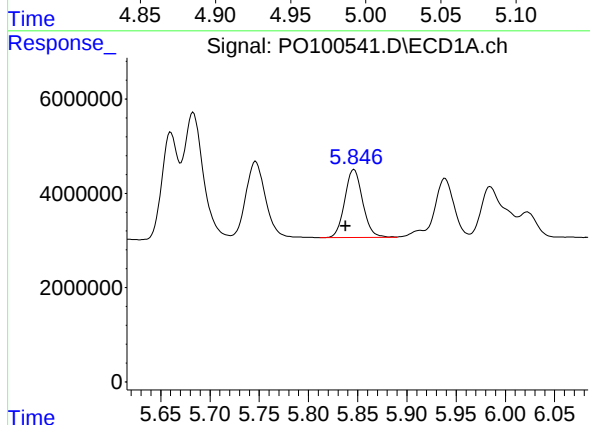
R.T.: 5.746 min
Delta R.T.: 0.008 min
Response: 22610605
Conc: 537.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



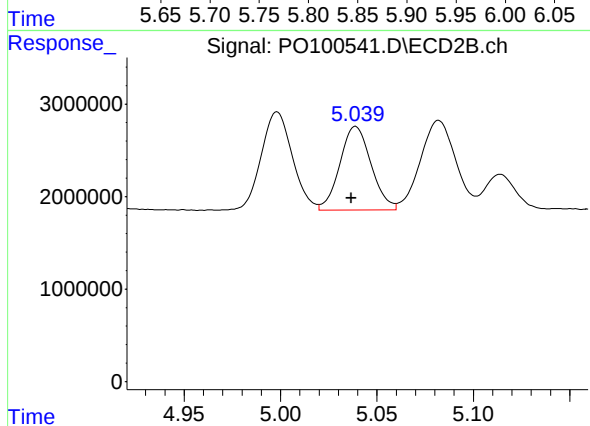
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 11974909
Conc: 500.82 ng/ml



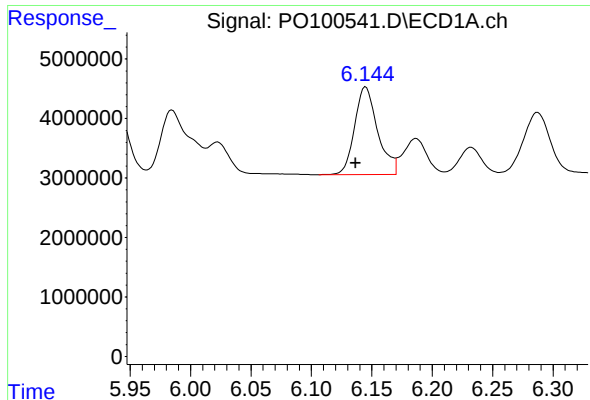
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.008 min
Response: 18296731
Conc: 552.01 ng/ml



#6 AR-1016-4

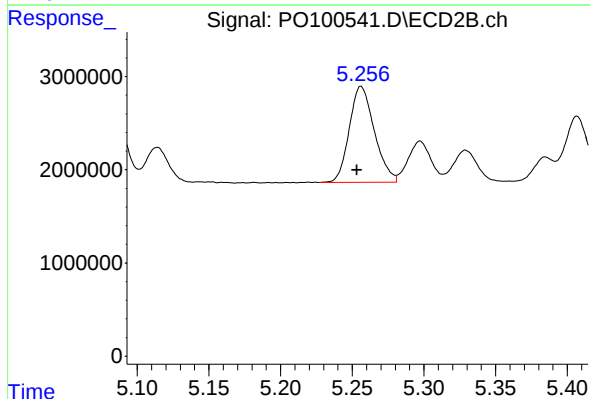
R.T.: 5.039 min
Delta R.T.: 0.002 min
Response: 10230930
Conc: 500.65 ng/ml



#7 AR-1016-5

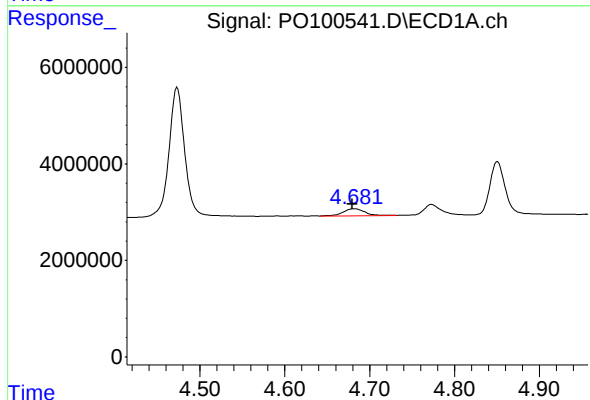
R.T.: 6.145 min
Delta R.T.: 0.008 min
Response: 19655415
Conc: 556.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



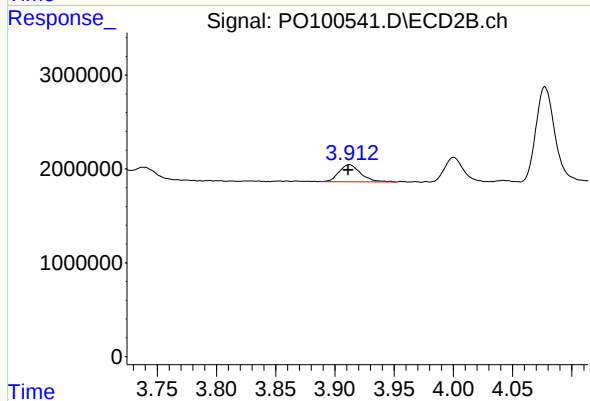
#7 AR-1016-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 12566075
Conc: 488.91 ng/ml



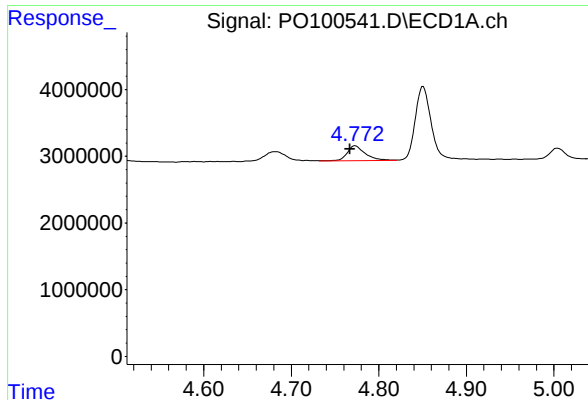
#8 AR-1221-1

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2585855
Conc: 147.15 ng/ml



#8 AR-1221-1

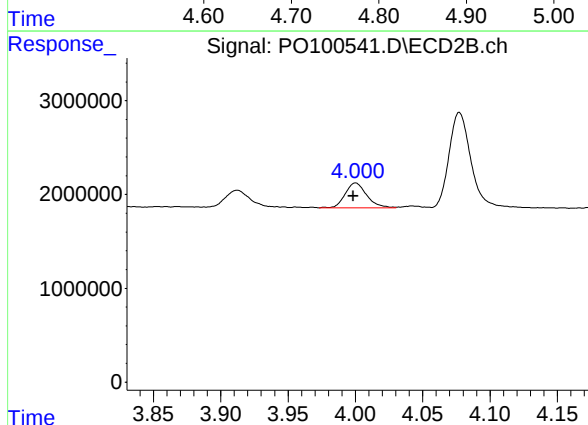
R.T.: 3.912 min
Delta R.T.: 0.001 min
Response: 2372263
Conc: 132.66 ng/ml



#9 AR-1221-2

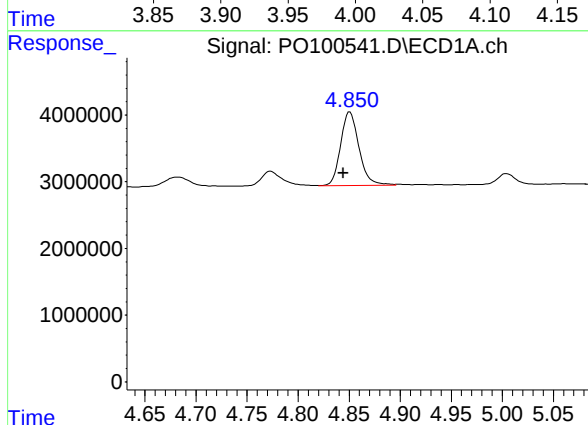
R.T.: 4.773 min
Delta R.T.: 0.006 min
Response: 3176439
Conc: 240.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



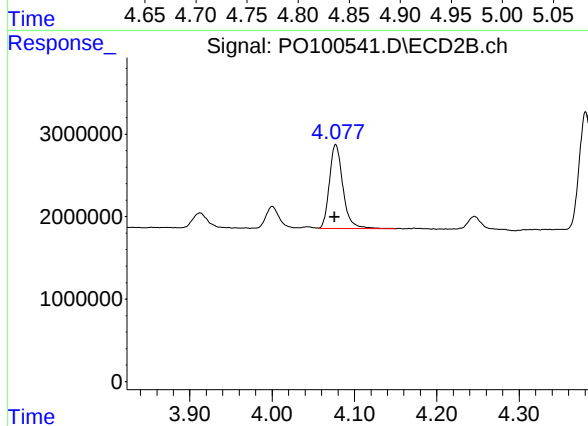
#9 AR-1221-2

R.T.: 4.000 min
Delta R.T.: 0.002 min
Response: 2968200
Conc: 226.96 ng/ml



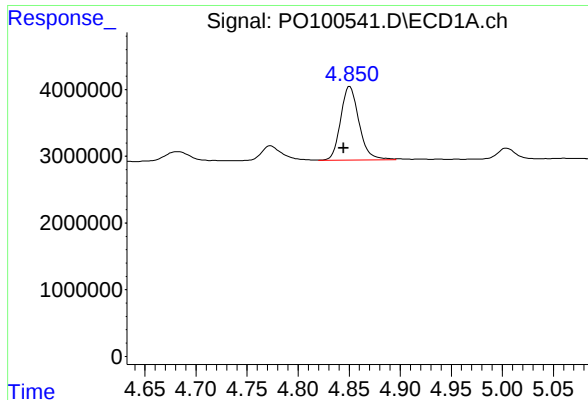
#10 AR-1221-3

R.T.: 4.851 min
Delta R.T.: 0.006 min
Response: 13766687
Conc: 332.08 ng/ml



#10 AR-1221-3

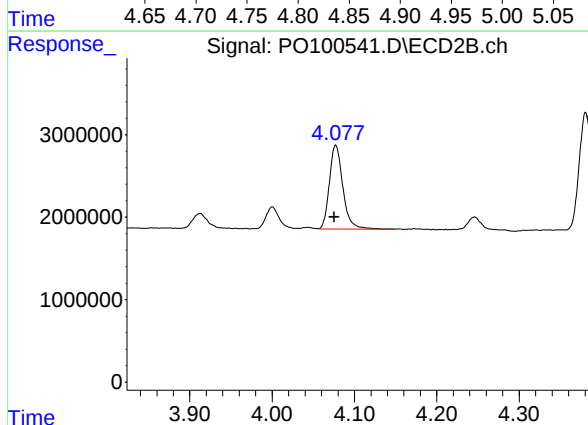
R.T.: 4.077 min
Delta R.T.: 0.001 min
Response: 11592250
Conc: 311.08 ng/ml



#11 AR-1232-1

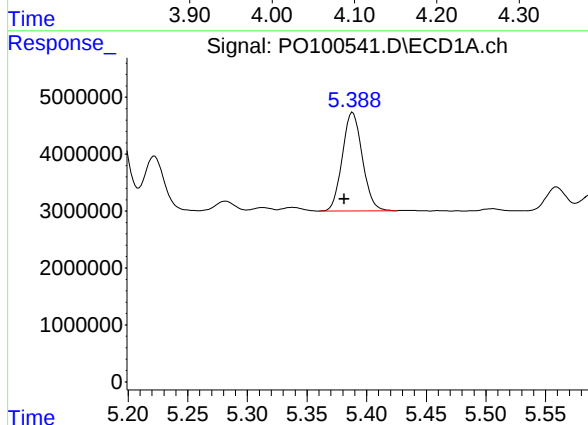
R.T.: 4.851 min
Delta R.T.: 0.006 min
Response: 13766687
Conc: 425.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



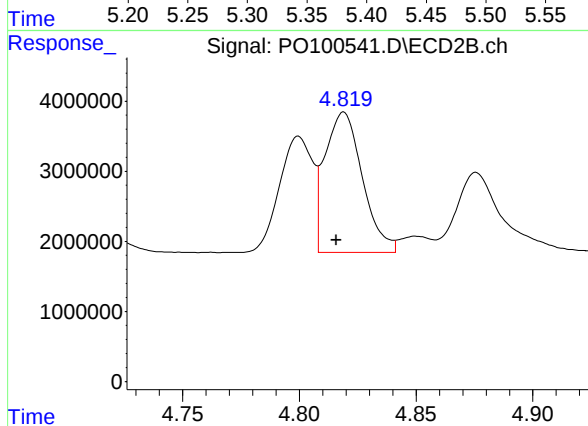
#11 AR-1232-1

R.T.: 4.077 min
Delta R.T.: 0.002 min
Response: 11592250
Conc: 391.37 ng/ml



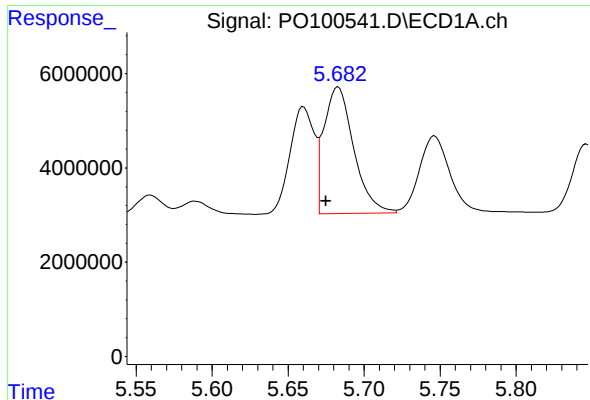
#12 AR-1232-2

R.T.: 5.388 min
Delta R.T.: 0.007 min
Response: 20262297
Conc: 1194.43 ng/ml



#12 AR-1232-2

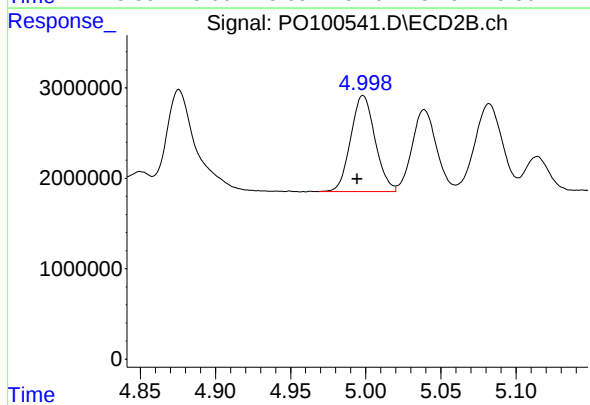
R.T.: 4.819 min
Delta R.T.: 0.003 min
Response: 22350234
Conc: 1070.02 ng/ml



#13 AR-1232-3

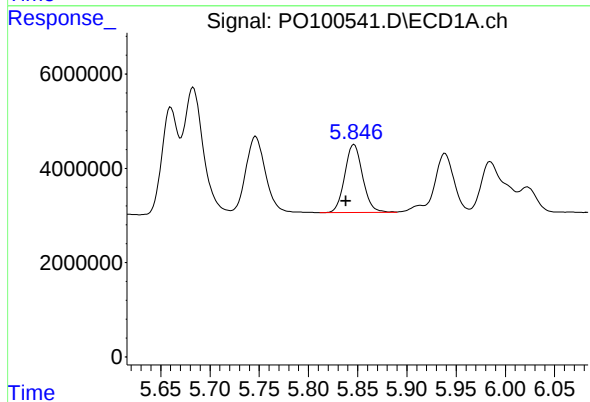
R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 36788542
Conc: 1240.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



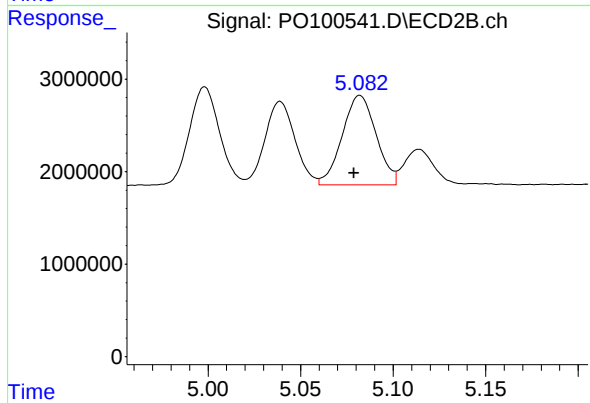
#13 AR-1232-3

R.T.: 4.998 min
Delta R.T.: 0.004 min
Response: 11974909
Conc: 1107.95 ng/ml



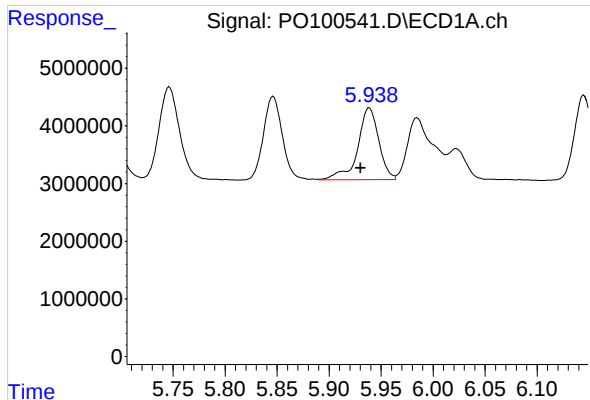
#14 AR-1232-4

R.T.: 5.846 min
Delta R.T.: 0.008 min
Response: 18296731
Conc: 1341.21 ng/ml



#14 AR-1232-4

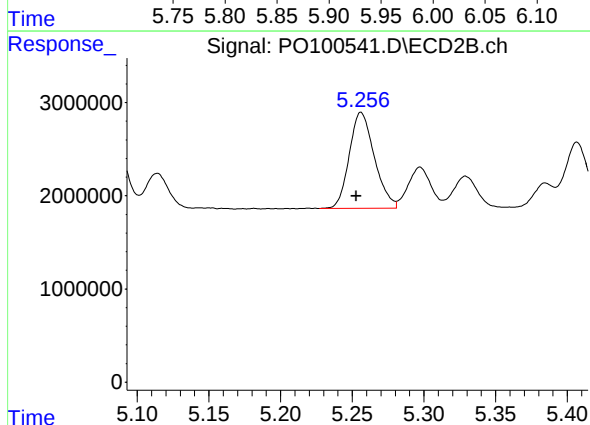
R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 12349899
Conc: 1197.48 ng/ml



#15 AR-1232-5

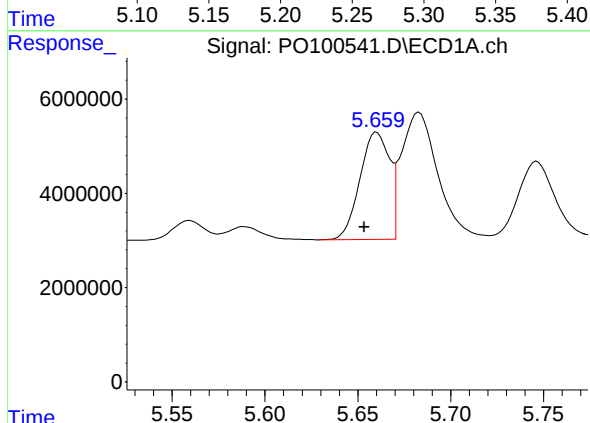
R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 17673565
Conc: 1473.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



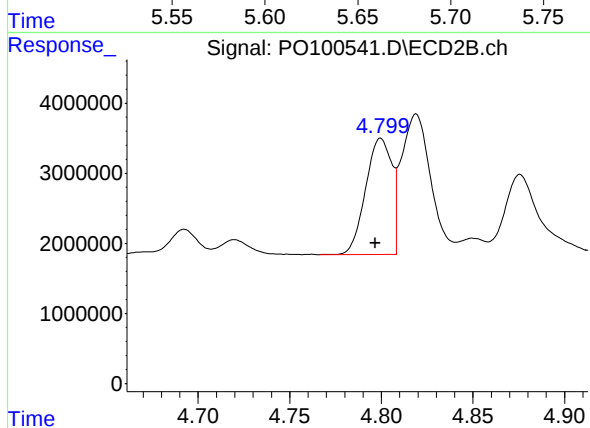
#15 AR-1232-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 12566075
Conc: 1135.70 ng/ml



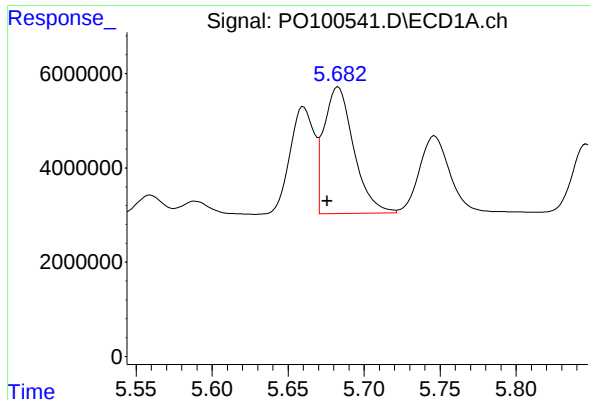
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.007 min
Response: 25197510
Conc: 680.86 ng/ml



#16 AR-1242-1

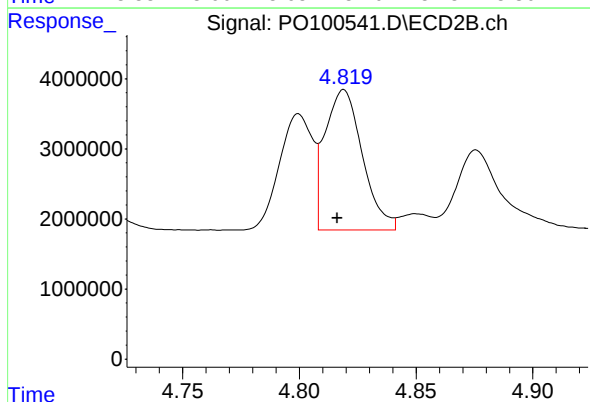
R.T.: 4.800 min
Delta R.T.: 0.003 min
Response: 16410532
Conc: 601.52 ng/ml



#17 AR-1242-2

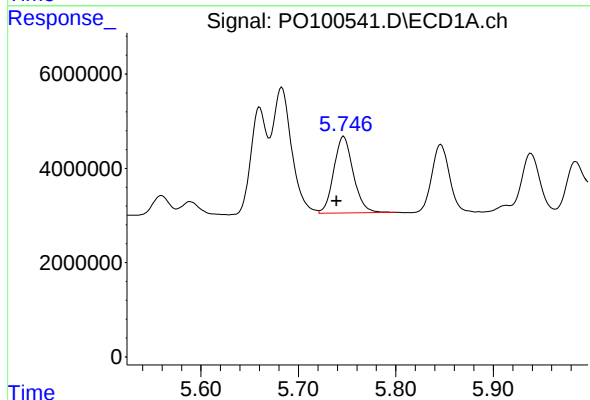
R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 36788542
Conc: 681.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



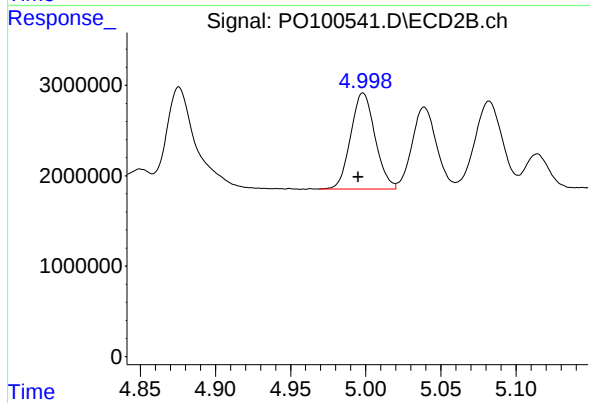
#17 AR-1242-2

R.T.: 4.819 min
Delta R.T.: 0.003 min
Response: 22350234
Conc: 594.27 ng/ml



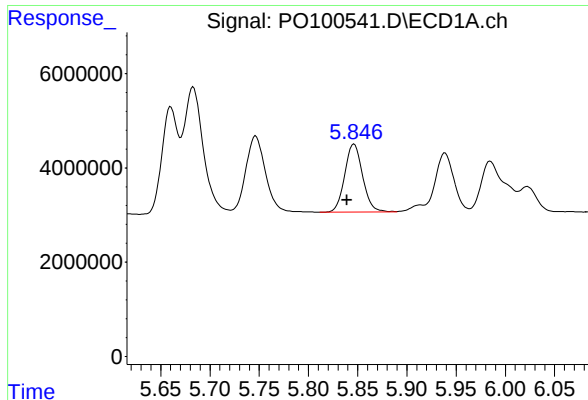
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: 0.007 min
Response: 22610605
Conc: 679.08 ng/ml



#18 AR-1242-3

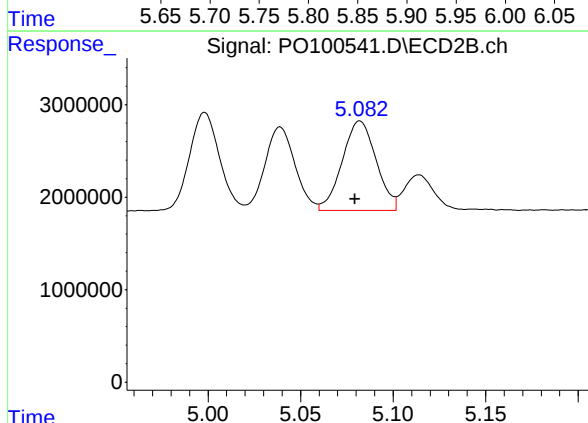
R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 11974909
Conc: 600.23 ng/ml



#19 AR-1242-4

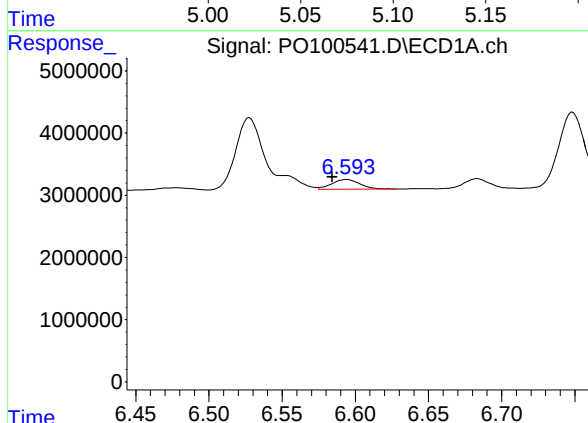
R.T.: 5.846 min
Delta R.T.: 0.007 min
Response: 18296731
Conc: 703.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



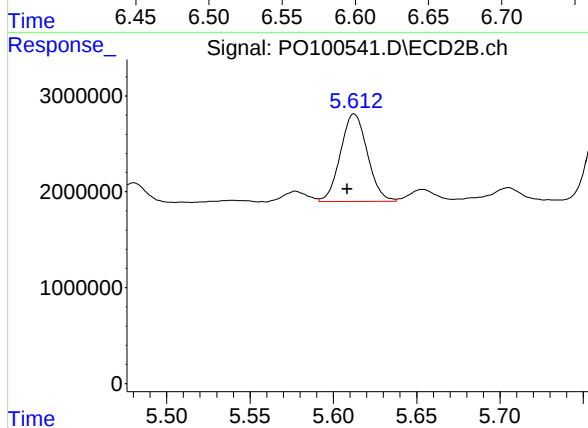
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 12349899
Conc: 588.53 ng/ml



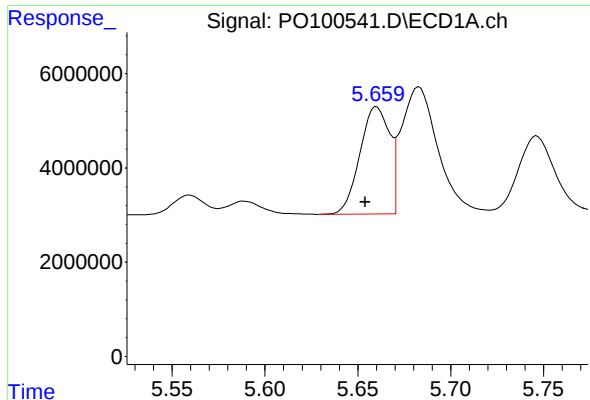
#20 AR-1242-5

R.T.: 6.594 min
Delta R.T.: 0.010 min
Response: 2130463
Conc: 86.53 ng/ml



#20 AR-1242-5

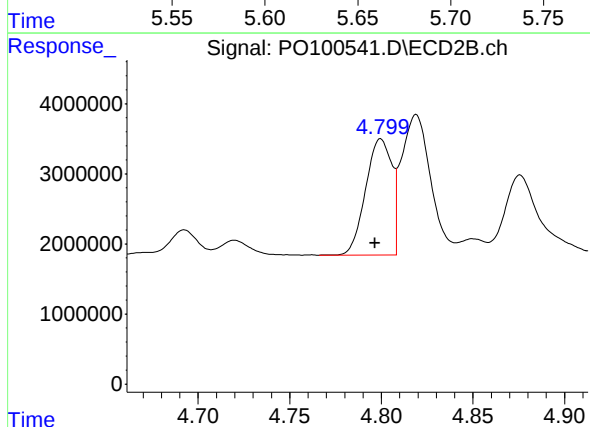
R.T.: 5.613 min
Delta R.T.: 0.004 min
Response: 10248691
Conc: 441.41 ng/ml



#21 AR-1248-1

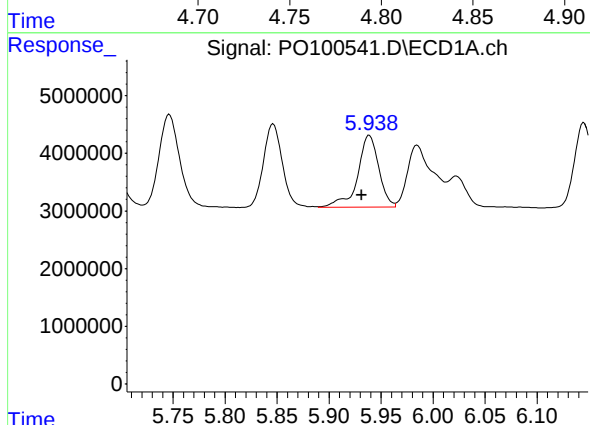
R.T.: 5.660 min
Delta R.T.: 0.006 min
Response: 25197510
Conc: 936.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



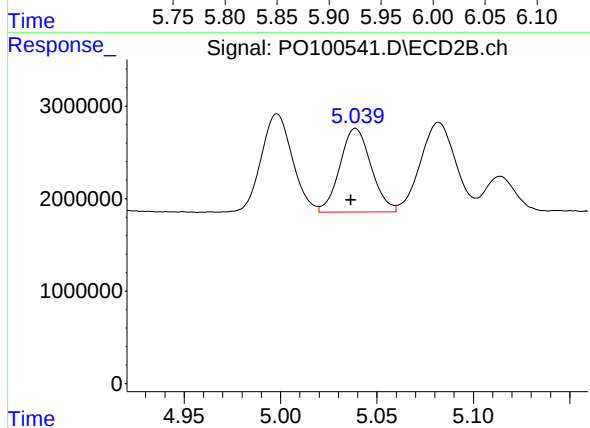
#21 AR-1248-1

R.T.: 4.800 min
Delta R.T.: 0.003 min
Response: 16410532
Conc: 788.03 ng/ml



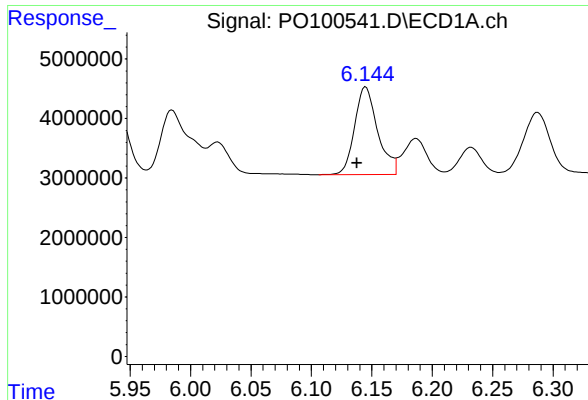
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 17673565
Conc: 391.41 ng/ml



#22 AR-1248-2

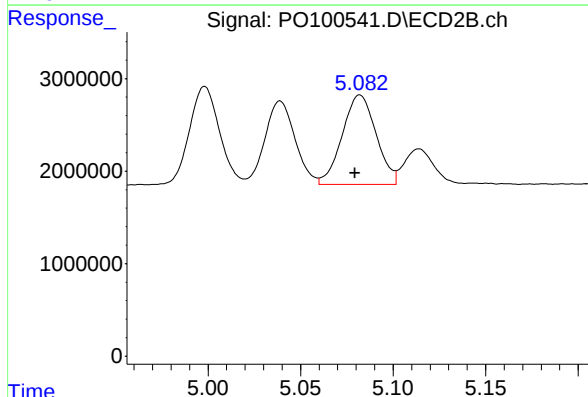
R.T.: 5.039 min
Delta R.T.: 0.002 min
Response: 10230930
Conc: 349.47 ng/ml



#23 AR-1248-3

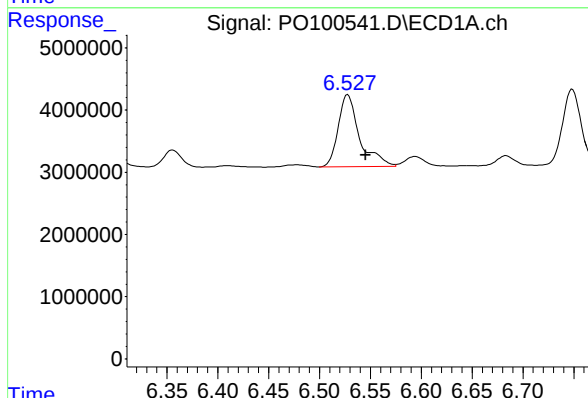
R.T.: 6.145 min
Delta R.T.: 0.007 min
Response: 19655415
Conc: 406.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



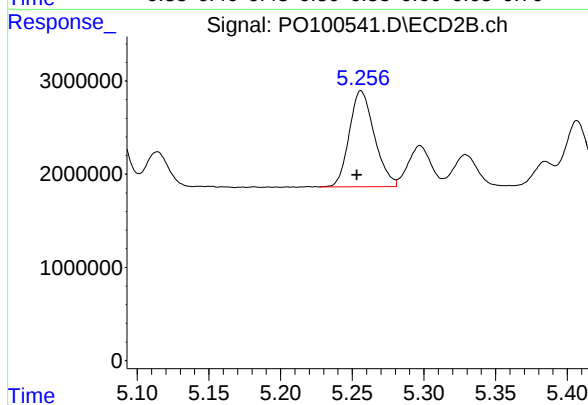
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 12349899
Conc: 409.63 ng/ml



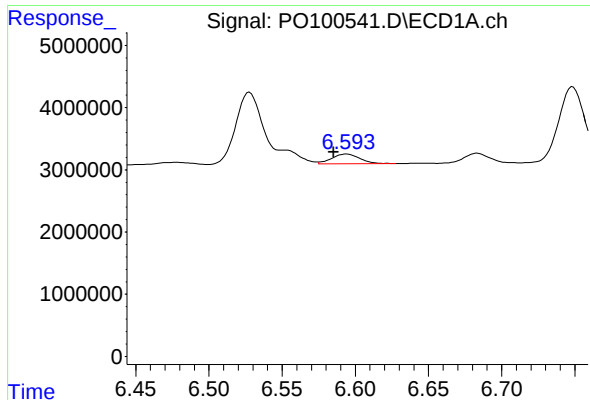
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: -0.018 min
Response: 16993327
Conc: 389.69 ng/ml



#24 AR-1248-4

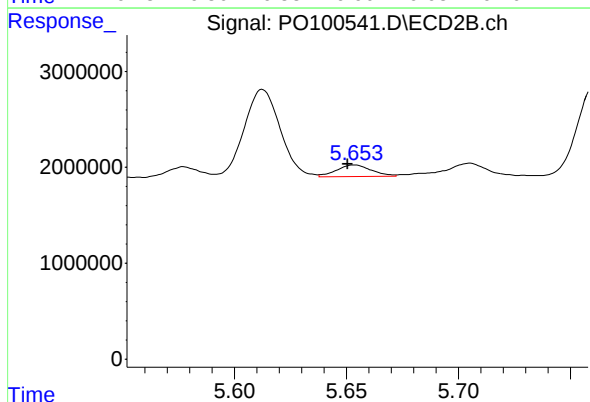
R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 12566075
Conc: 364.29 ng/ml



#25 AR-1248-5

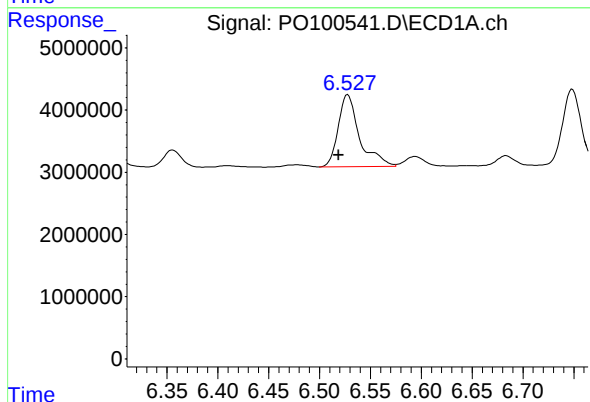
R.T.: 6.594 min
Delta R.T.: 0.009 min
Response: 2130463
Conc: 51.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



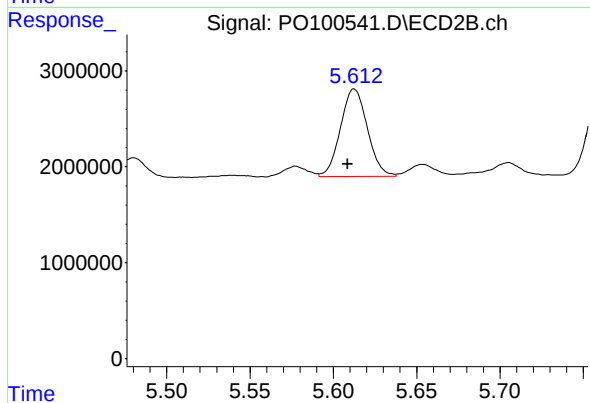
#25 AR-1248-5

R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 1316905
Conc: 44.72 ng/ml



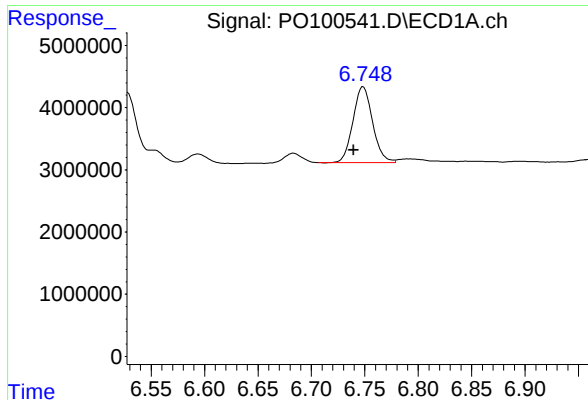
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: 0.009 min
Response: 16993327
Conc: 309.93 ng/ml



#26 AR-1254-1

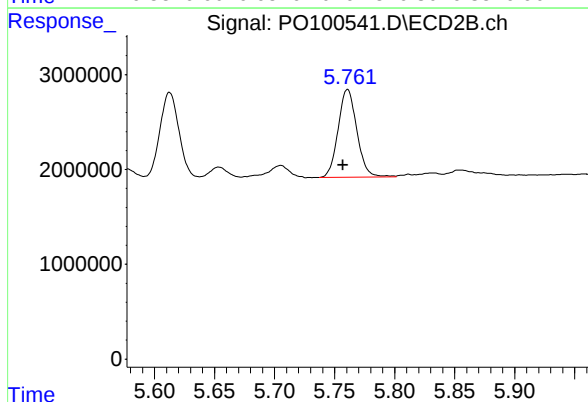
R.T.: 5.613 min
Delta R.T.: 0.004 min
Response: 10248691
Conc: 203.77 ng/ml



#27 AR-1254-2

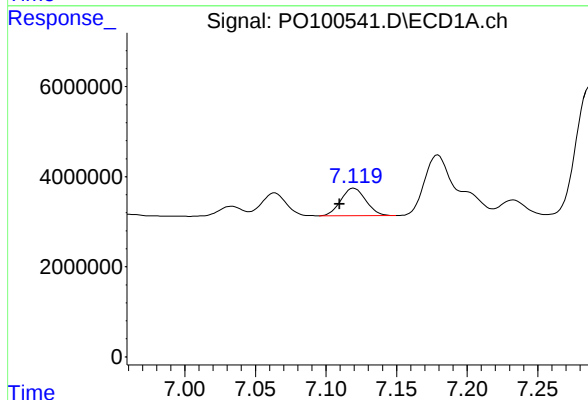
R.T.: 6.748 min
Delta R.T.: 0.009 min
Response: 15539923
Conc: 192.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



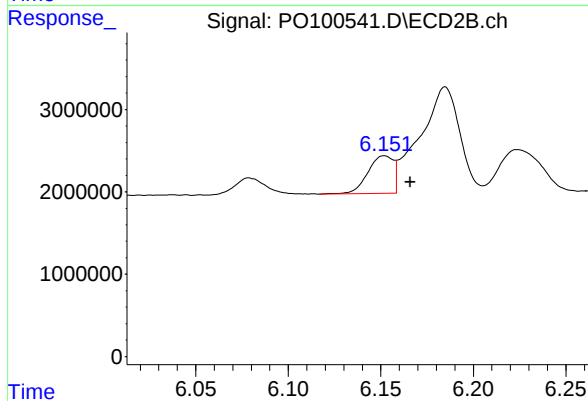
#27 AR-1254-2

R.T.: 5.761 min
Delta R.T.: 0.004 min
Response: 10072497
Conc: 218.97 ng/ml



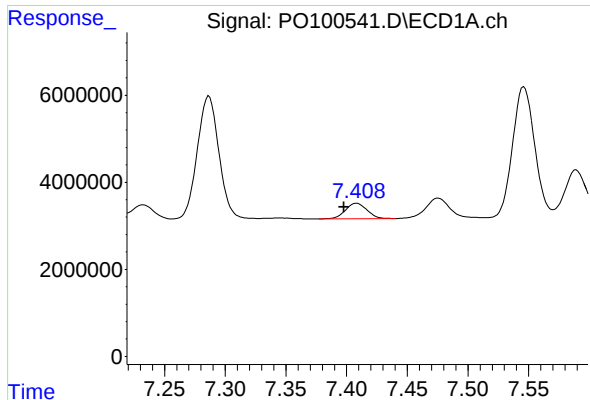
#28 AR-1254-3

R.T.: 7.120 min
Delta R.T.: 0.010 min
Response: 7496755
Conc: 98.06 ng/ml



#28 AR-1254-3

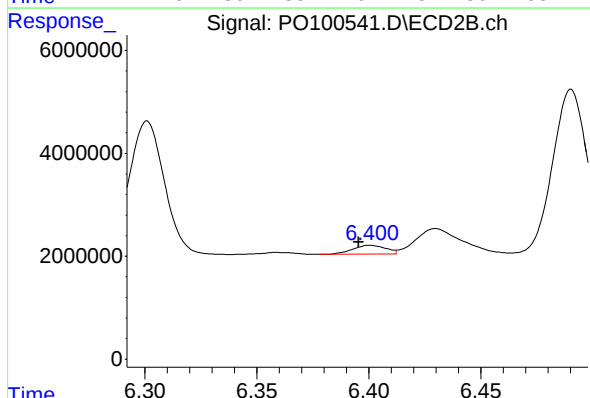
R.T.: 6.152 min
Delta R.T.: -0.014 min
Response: 4377279
Conc: 57.91 ng/ml



#29 AR-1254-4

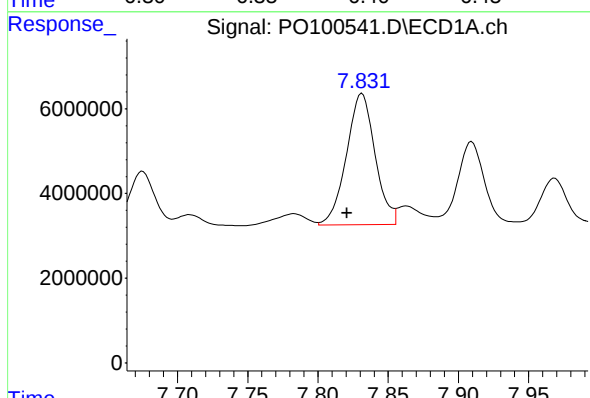
R.T.: 7.408 min
Delta R.T.: 0.010 min
Response: 4453329
Conc: 102.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



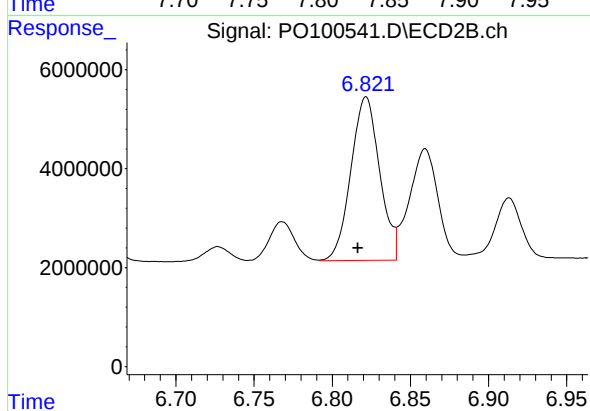
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: 0.005 min
Response: 1738592
Conc: 41.18 ng/ml



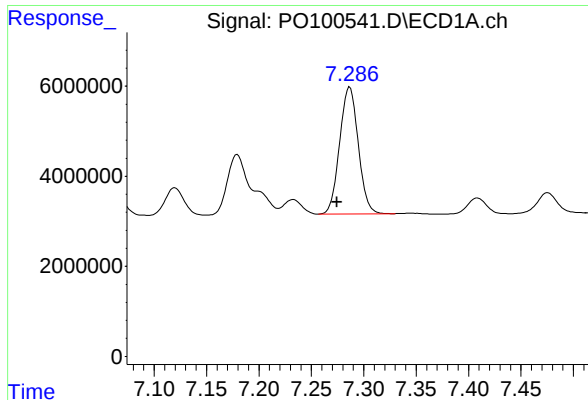
#30 AR-1254-5

R.T.: 7.831 min
Delta R.T.: 0.011 min
Response: 4400447
Conc: 793.83 ng/ml



#30 AR-1254-5

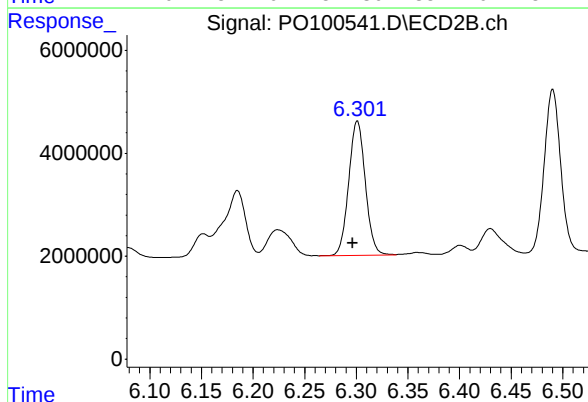
R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 42256430
Conc: 576.33 ng/ml



#31 AR-1260-1

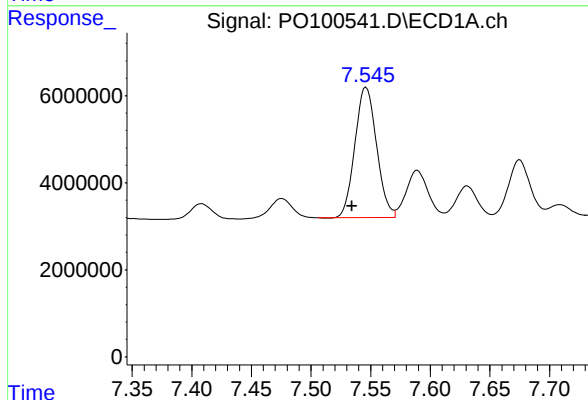
R.T.: 7.287 min
Delta R.T.: 0.012 min
Response: 34887130
Conc: 542.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



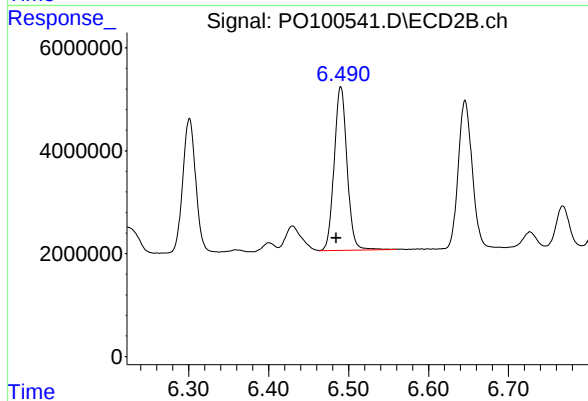
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: 0.005 min
Response: 29289416
Conc: 485.45 ng/ml



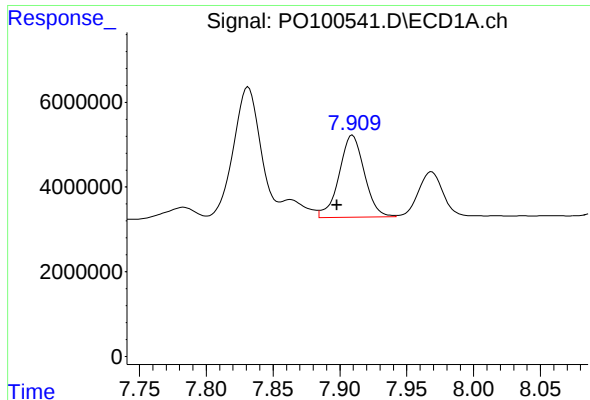
#32 AR-1260-2

R.T.: 7.546 min
Delta R.T.: 0.012 min
Response: 37946369
Conc: 537.15 ng/ml



#32 AR-1260-2

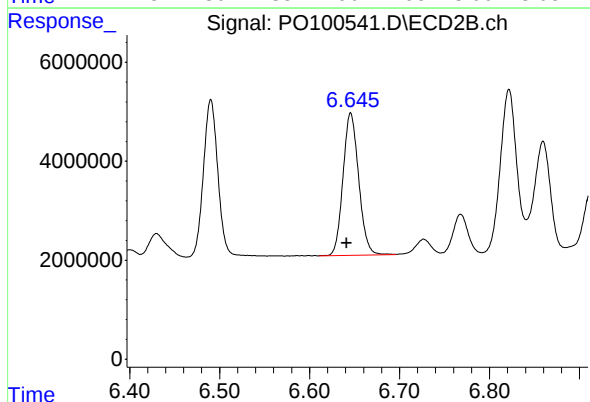
R.T.: 6.490 min
Delta R.T.: 0.006 min
Response: 35574236
Conc: 497.78 ng/ml



#33 AR-1260-3

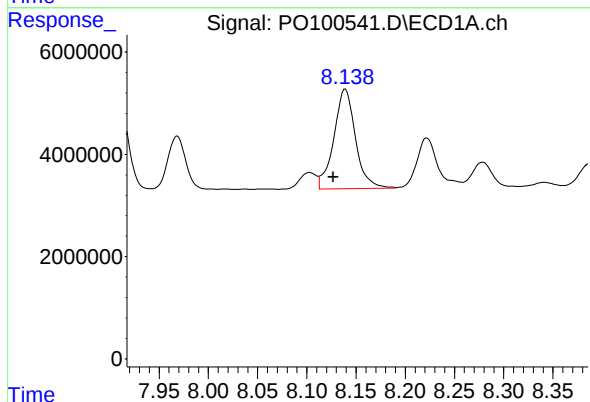
R.T.: 7.909 min
Delta R.T.: 0.012 min
Response: 25375183
Conc: 454.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



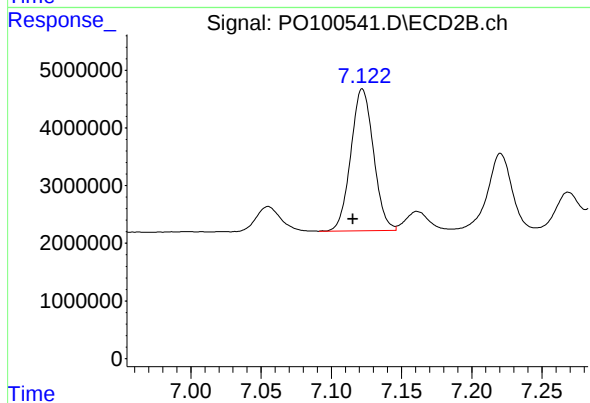
#33 AR-1260-3

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 34864803
Conc: 496.76 ng/ml



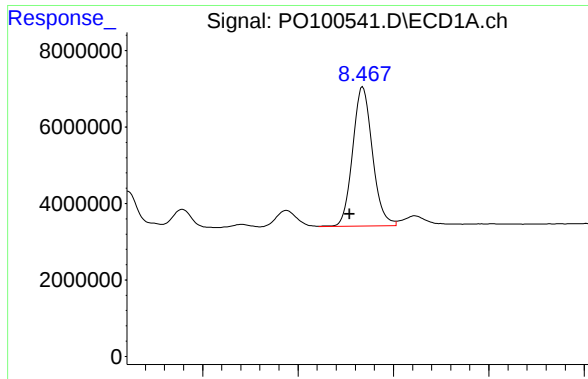
#34 AR-1260-4

R.T.: 8.139 min
Delta R.T.: 0.012 min
Response: 29786932
Conc: 485.67 ng/ml



#34 AR-1260-4

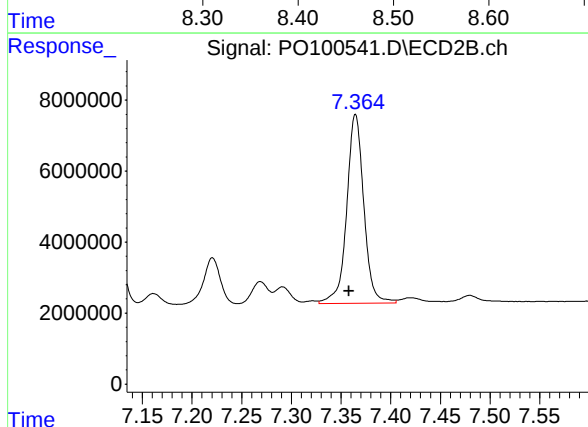
R.T.: 7.122 min
Delta R.T.: 0.007 min
Response: 27706451
Conc: 458.65 ng/ml



#35 AR-1260-5

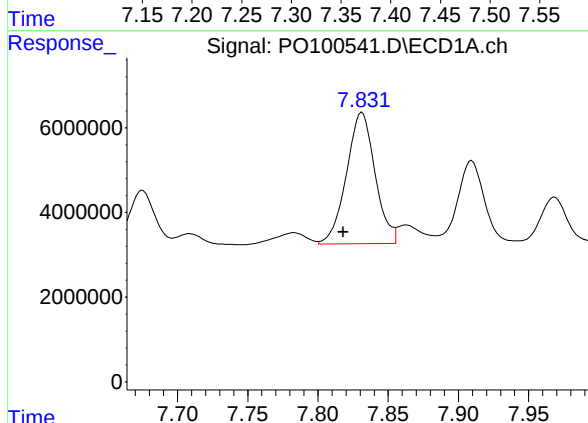
R.T.: 8.468 min
Delta R.T.: 0.014 min
Response: 52704782
Conc: 464.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



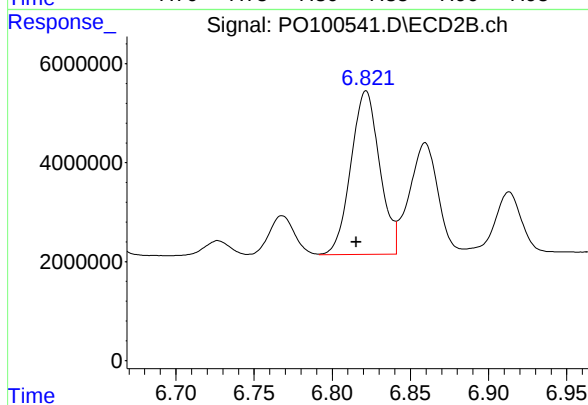
#35 AR-1260-5

R.T.: 7.365 min
Delta R.T.: 0.007 min
Response: 63908586
Conc: 488.05 ng/ml



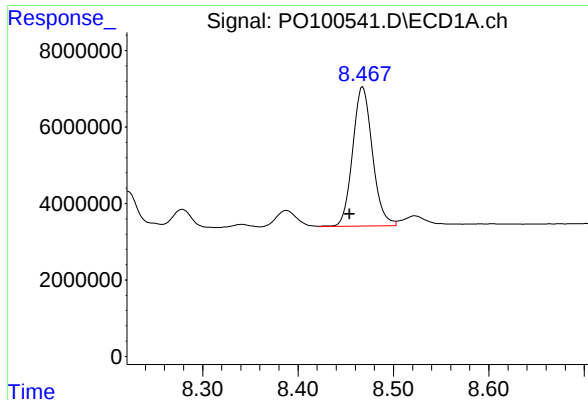
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.013 min
Response: 44000447
Conc: 941.54 ng/ml



#36 AR-1262-1

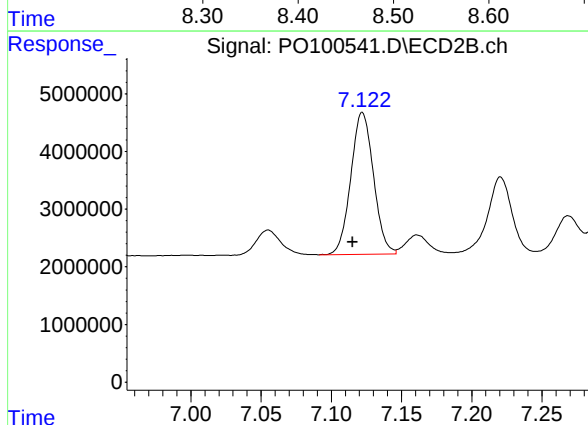
R.T.: 6.822 min
Delta R.T.: 0.006 min
Response: 42256430
Conc: 1096.21 ng/ml



#37 AR-1262-2

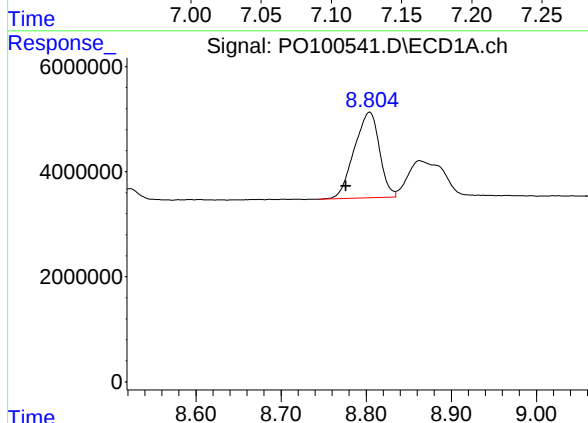
R.T.: 8.468 min
Delta R.T.: 0.014 min
Response: 52704782
Conc: 444.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



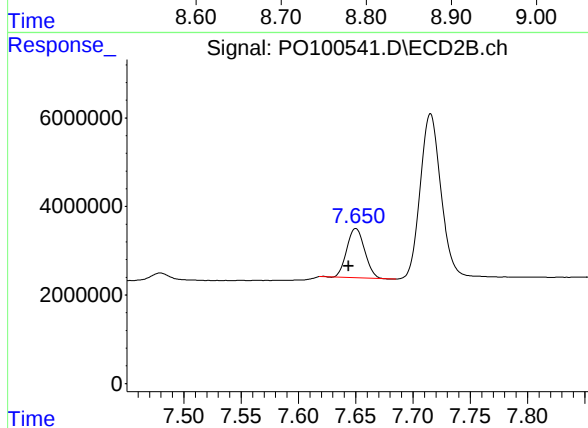
#37 AR-1262-2

R.T.: 7.122 min
Delta R.T.: 0.007 min
Response: 27706451
Conc: 355.93 ng/ml



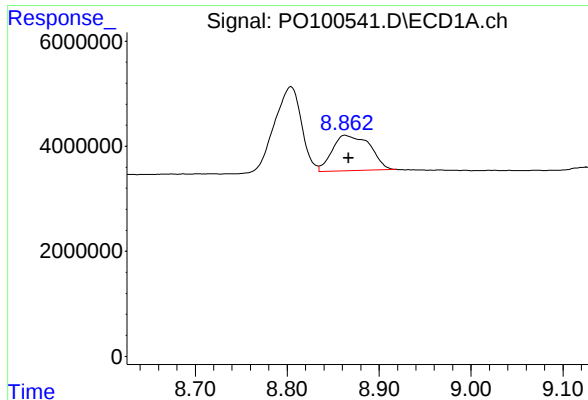
#38 AR-1262-3

R.T.: 8.804 min
Delta R.T.: 0.028 min
Response: 33471205
Conc: 402.06 ng/ml



#38 AR-1262-3

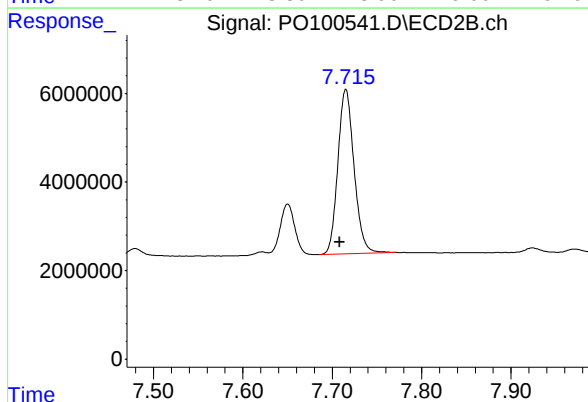
R.T.: 7.650 min
Delta R.T.: 0.006 min
Response: 12082740
Conc: 210.62 ng/ml



#39 AR-1262-4

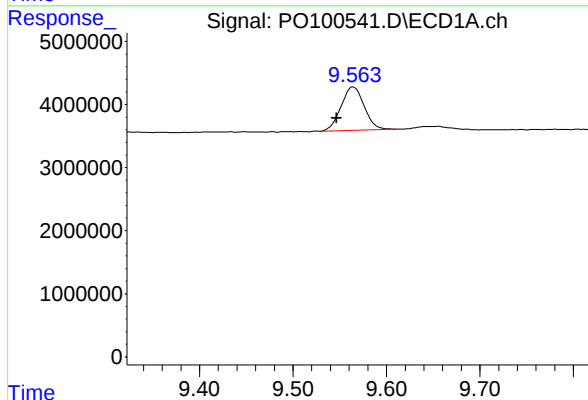
R.T.: 8.863 min
Delta R.T.: -0.004 min
Response: 19199826
Conc: 292.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



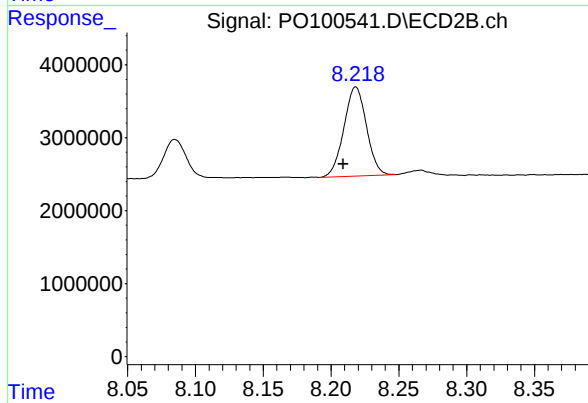
#39 AR-1262-4

R.T.: 7.715 min
Delta R.T.: 0.007 min
Response: 46913096
Conc: 428.63 ng/ml



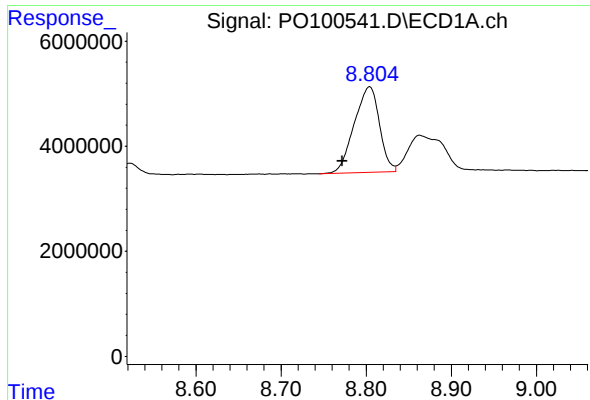
#40 AR-1262-5

R.T.: 9.564 min
Delta R.T.: 0.018 min
Response: 11847616
Conc: 303.59 ng/ml



#40 AR-1262-5

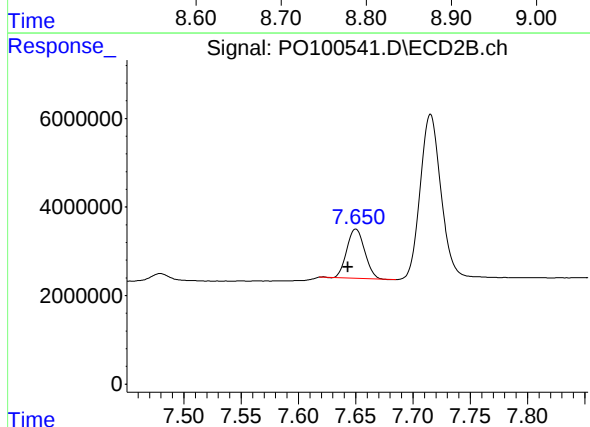
R.T.: 8.218 min
Delta R.T.: 0.009 min
Response: 14145185
Conc: 304.10 ng/ml



#41 AR-1268-1

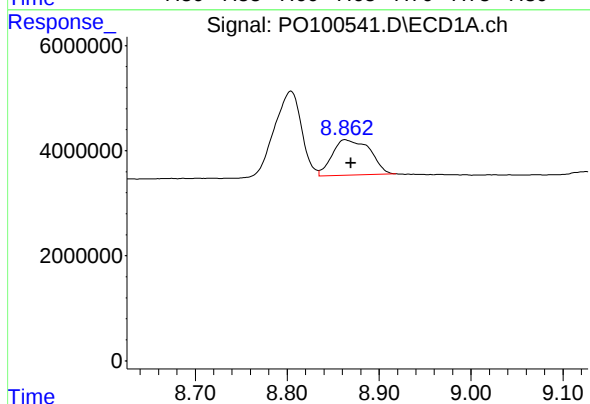
R.T.: 8.804 min
Delta R.T.: 0.032 min
Response: 33471205
Conc: 219.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



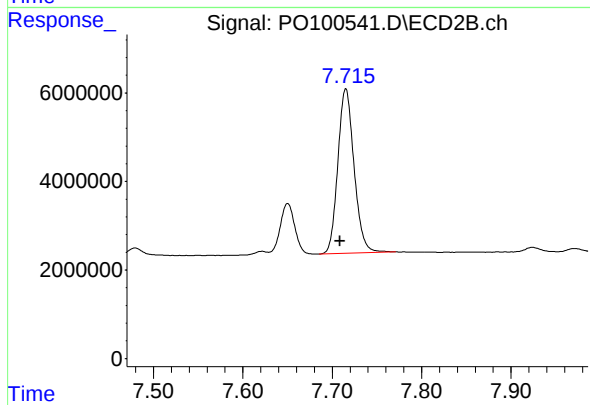
#41 AR-1268-1

R.T.: 7.650 min
Delta R.T.: 0.007 min
Response: 12082740
Conc: 68.43 ng/ml



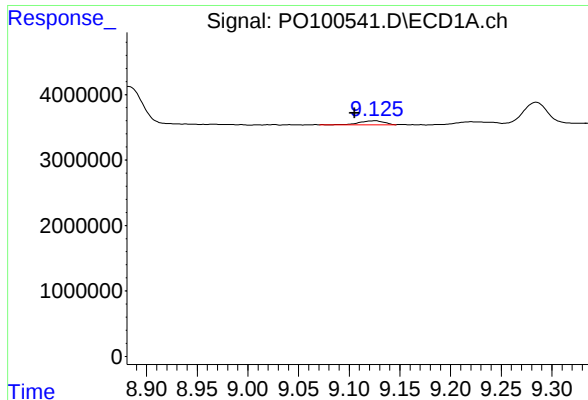
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 19199826
Conc: 143.74 ng/ml



#42 AR-1268-2

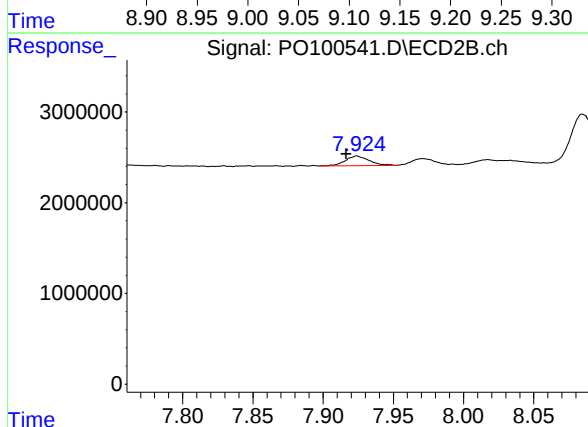
R.T.: 7.715 min
Delta R.T.: 0.007 min
Response: 46913096
Conc: 291.20 ng/ml



#43 AR-1268-3

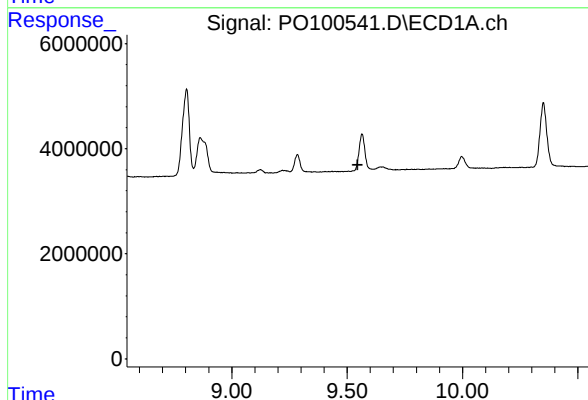
R.T.: 9.125 min
Delta R.T.: 0.020 min
Response: 993019
Conc: 7.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



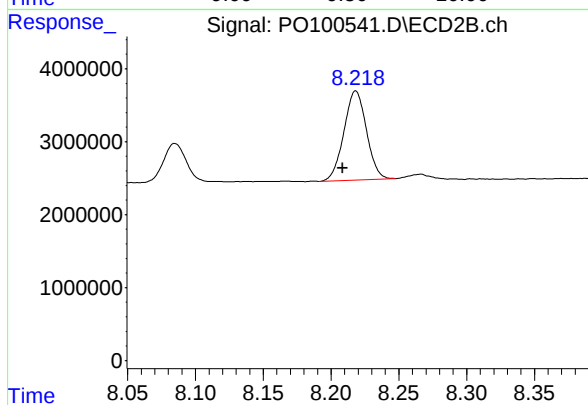
#43 AR-1268-3

R.T.: 7.924 min
Delta R.T.: 0.008 min
Response: 1272715
Conc: 8.44 ng/ml



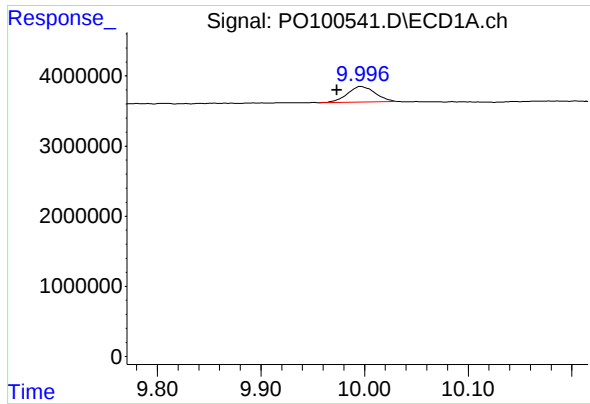
#44 AR-1268-4

R.T.: 9.525 min
Delta R.T.: -0.020 min
Response: -30413
Conc: N.D.



#44 AR-1268-4

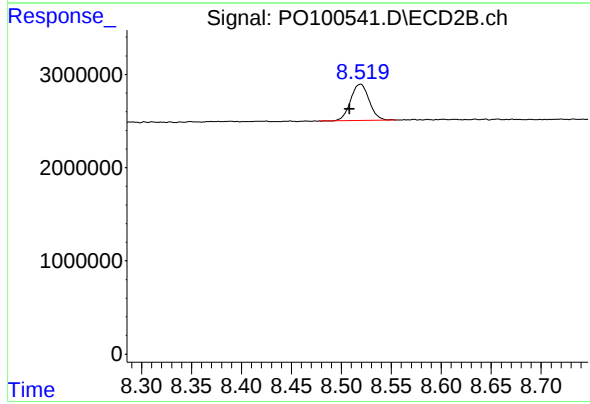
R.T.: 8.218 min
Delta R.T.: 0.010 min
Response: 14145185
Conc: 267.98 ng/ml



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.023 min
Response: 4127708
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.519 min
Delta R.T.: 0.010 min
Response: 5018945
Conc: 11.97 ng/ml