

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 03:05
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 03:23:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.483	3.635	92830698	38873407	48.345	49.911
2) SA Decachlor...	10.294	8.640	61348428	23819242	50.540	44.458
Target Compounds						
3) L1 AR-1016-1	5.657	4.718	26967222	11942625	498.989	500.356
4) L1 AR-1016-2	5.680	4.736	39872184	16911023	491.110	496.642
5) L1 AR-1016-3	5.742	4.912	25349035	9305723	506.647	517.312
6) L1 AR-1016-4	5.841	4.954	19616642	7797329	501.683	520.124
7) L1 AR-1016-5	6.137	5.167	20710993	9351918	503.661	481.551
8) L2 AR-1221-1	4.688	3.848	3745287	1533119	166.344	166.868
9) L2 AR-1221-2	4.780	3.934	5030868	2125663	298.161	319.673
10) L2 AR-1221-3	4.856	4.010	17123272	7347683	350.112	364.241
11) L3 AR-1232-1	4.856	4.010	17123272	7347683	419.205	437.153
12) L3 AR-1232-2	5.387	4.736	24058303	16911023	1112.373	1125.416
13) L3 AR-1232-3	5.680	4.912	39872184	9305723	1121.629	1188.982
14) L3 AR-1232-4	5.841	4.996	19616642	9852239	1155.504	1310.290
15) L3 AR-1232-5	5.932	5.167	18212286	9351918	1279.150	1156.024
16) L4 AR-1242-1	5.657	4.718	26967222	11942625	592.210	570.438
17) L4 AR-1242-2	5.680	4.736	39872184	16911023	582.161	581.596
18) L4 AR-1242-3	5.742	4.912	25349035	9305723	598.614	595.448
19) L4 AR-1242-4	5.841	4.996	19616642	9852239	597.862	594.857
20) L4 AR-1242-5	6.581	5.520	6139563	9516162	173.330	512.766 #
21) L5 AR-1248-1	5.657	4.718	26967222	11942625	796.837	762.076
22) L5 AR-1248-2	5.932	4.954	18212286	7797329	351.664	354.316
23) L5 AR-1248-3	6.137	4.996	20710993	9852239	366.481	419.605
24) L5 AR-1248-4	6.541	5.167	6180612	9351918	109.028	350.597 #
25) L5 AR-1248-5	6.581	5.560	6139563	2299083	103.800	97.432
26) L6 AR-1254-1	6.515	5.520	17873778	9516162	282.976	248.179
27) L6 AR-1254-2	6.734	5.667	15383227	7012635	160.296	203.691 #
28) L6 AR-1254-3	7.103	6.087	7033616	12639800	74.752	243.252 #
29) L6 AR-1254-4	7.388	6.300	3983716	866262	68.420	31.560 #
30) L6 AR-1254-5	7.806	6.717	45447990	22061875	650.700	509.301
31) L7 AR-1260-1	7.267	6.201	36750655	18409580	505.407	501.752
32) L7 AR-1260-2	7.524	6.390	40896166	21406236	496.669	510.152
33) L7 AR-1260-3	7.885	6.543	32545826	20107603	526.099	502.476
34) L7 AR-1260-4	8.111	7.015	36529170	16367757	541.874	508.266
35) L7 AR-1260-5	8.437	7.257	64100053	34491455	493.382	492.310
36) L8 AR-1262-1	7.885	6.756	32545826	18009160	374.218	397.876
37) L8 AR-1262-2	8.437	7.015	64100053	16367757	454.432	405.908
38) L8 AR-1262-3	8.768	7.541	41291892	8395703	418.221	270.448 #
39) L8 AR-1262-4	8.829	7.604	27011393	24905872	351.979	459.745 #
40) L8 AR-1262-5	9.518	8.100	17138542	8841024	353.313	358.005
41) L9 AR-1268-1	8.768	7.541	41291892	8395703	237.798	91.877 #

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 Sample : AR1660CCC500
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Oct 04 03:23:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

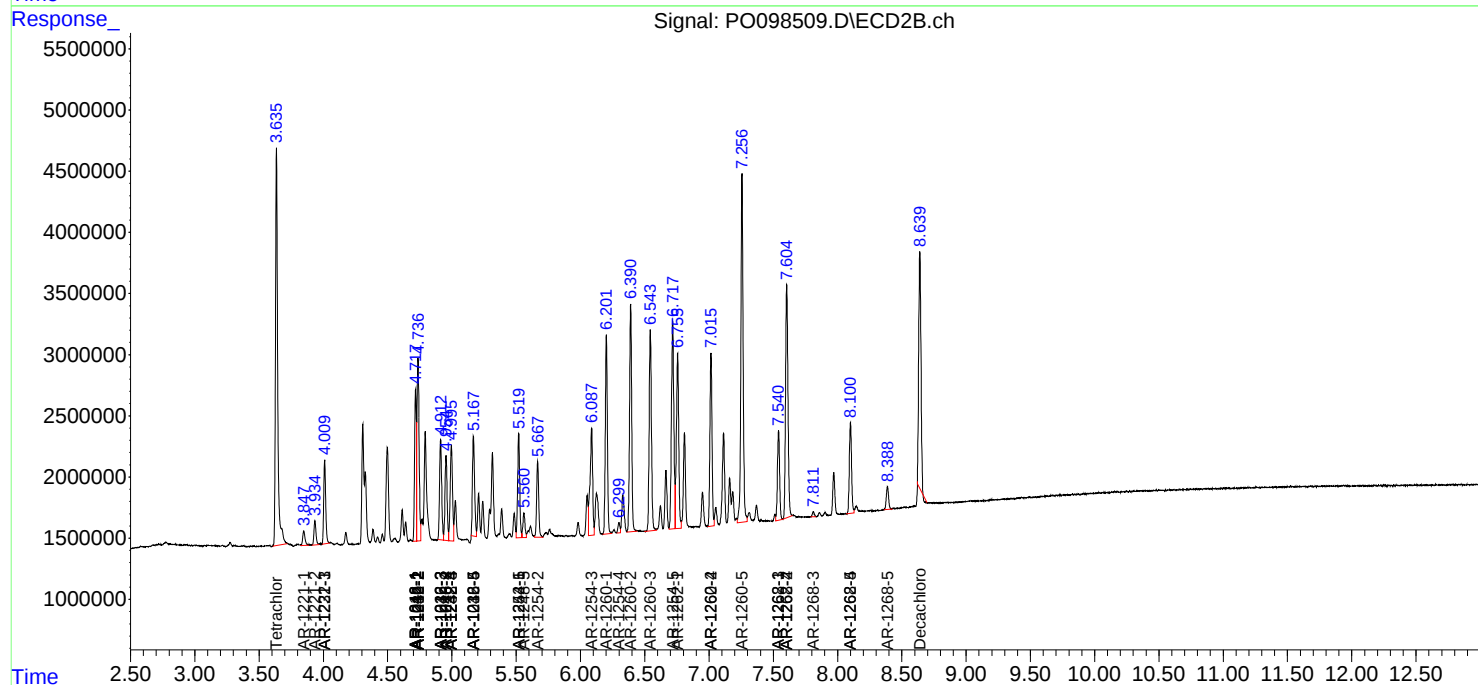
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

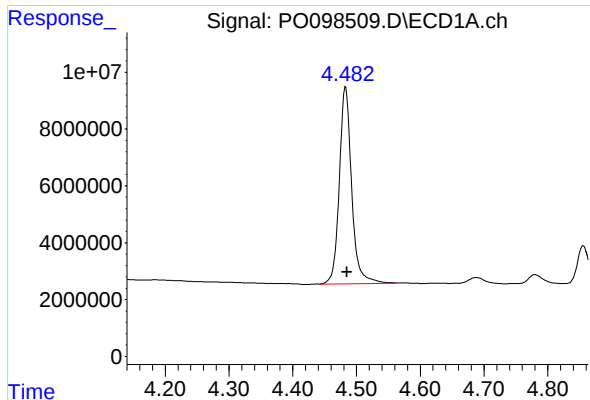
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.829	7.604	27011393	24905872	173.232	321.208 #
43) L9	AR-1268-3	9.082	7.811	859323	430676	6.285	6.499
44) L9	AR-1268-4	9.518	8.100	17138542	8841024	321.734	326.620
45) L9	AR-1268-5	9.944	8.388	5148358	2339746	11.725	11.822

(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

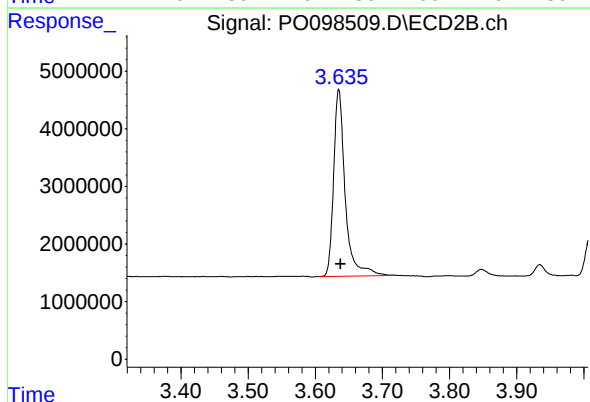




#1 Tetrachloro-m-xylene

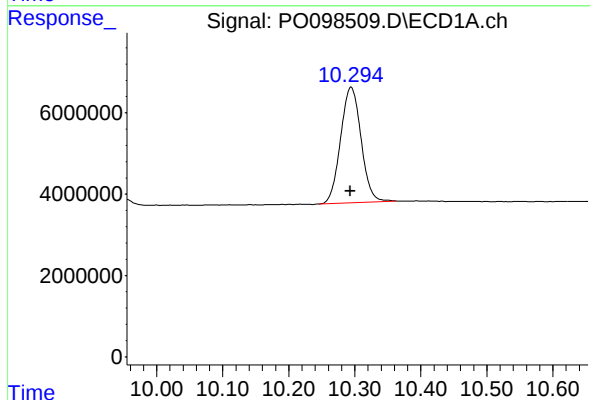
R.T.: 4.483 min
Delta R.T.: -0.002 min
Response: 92830698
Conc: 48.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



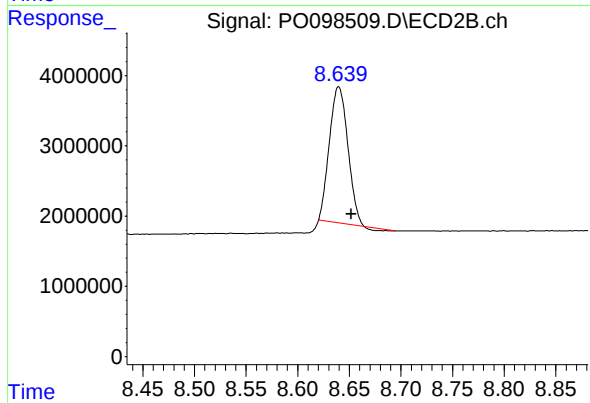
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 38873407
Conc: 49.91 ng/ml



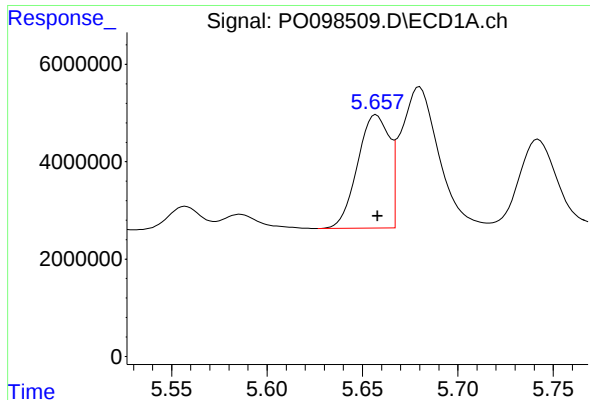
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 61348428
Conc: 50.54 ng/ml



#2 Decachlorobiphenyl

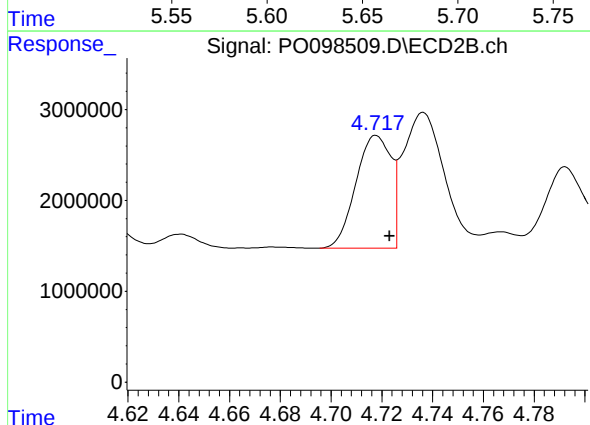
R.T.: 8.640 min
Delta R.T.: -0.012 min
Response: 23819242
Conc: 44.46 ng/ml



#3 AR-1016-1

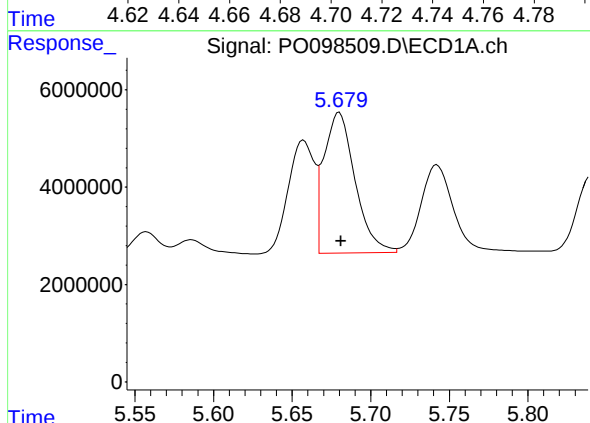
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 26967222
Conc: 498.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



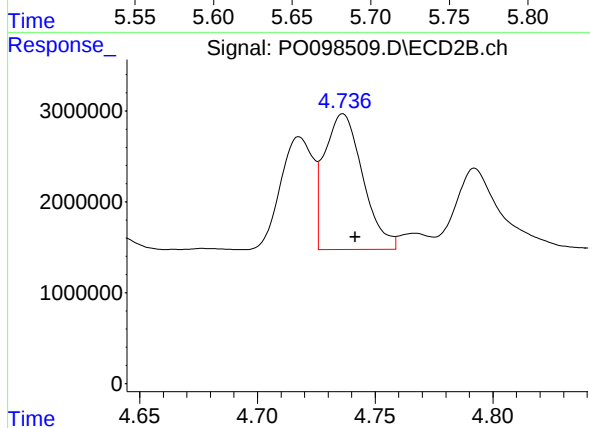
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 11942625
Conc: 500.36 ng/ml



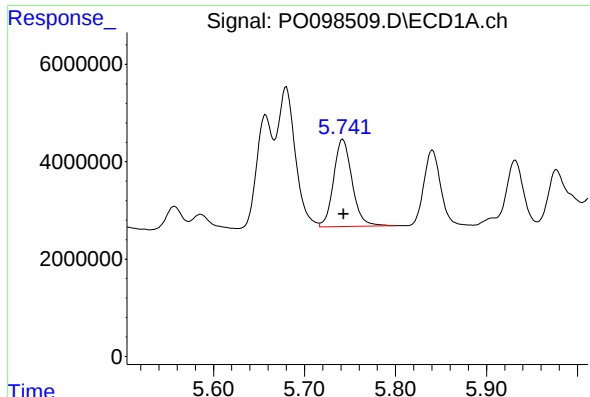
#4 AR-1016-2

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 39872184
Conc: 491.11 ng/ml



#4 AR-1016-2

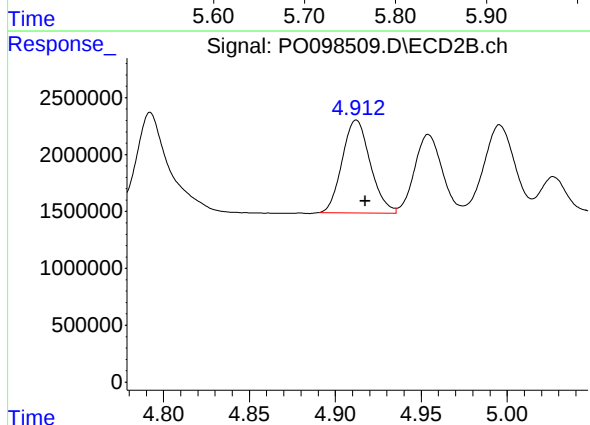
R.T.: 4.736 min
Delta R.T.: -0.005 min
Response: 16911023
Conc: 496.64 ng/ml



#5 AR-1016-3

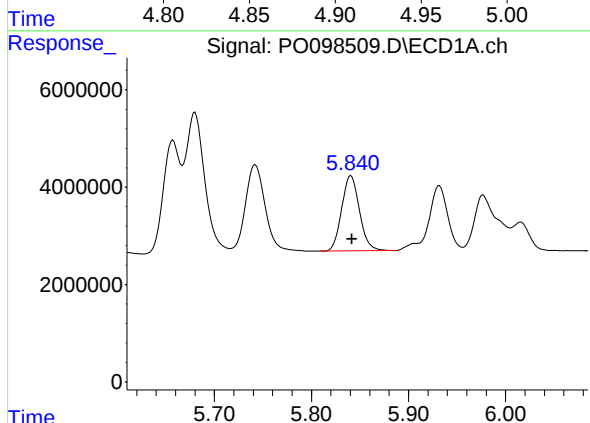
R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 25349035
Conc: 506.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



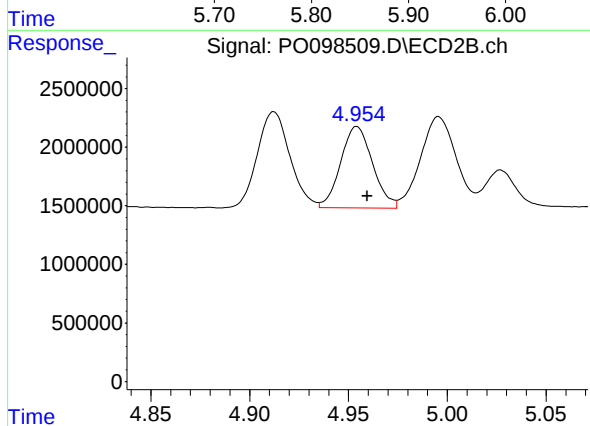
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 9305723
Conc: 517.31 ng/ml



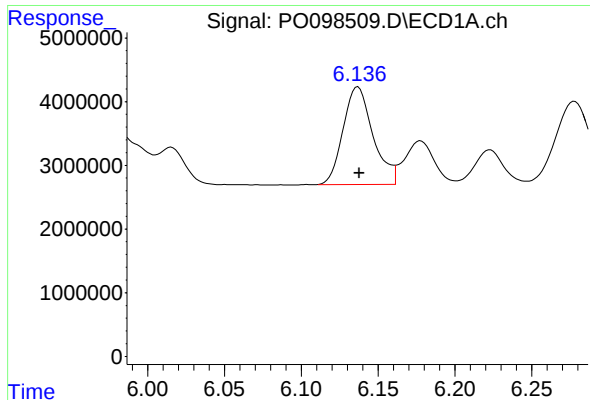
#6 AR-1016-4

R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 19616642
Conc: 501.68 ng/ml



#6 AR-1016-4

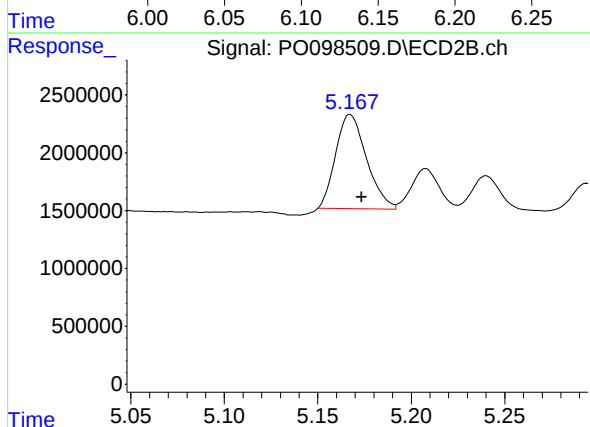
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 7797329
Conc: 520.12 ng/ml



#7 AR-1016-5

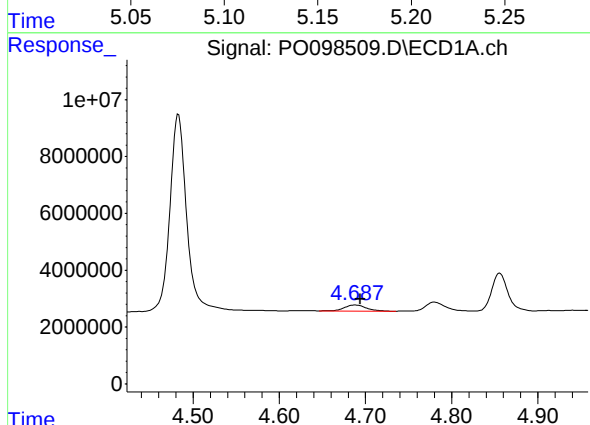
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 20710993
Conc: 503.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



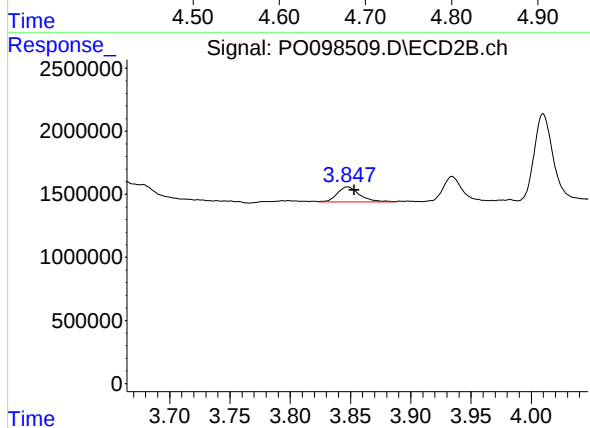
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 9351918
Conc: 481.55 ng/ml



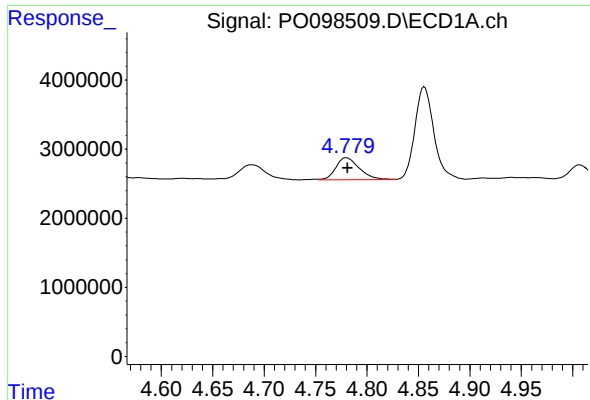
#8 AR-1221-1

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 3745287
Conc: 166.34 ng/ml



#8 AR-1221-1

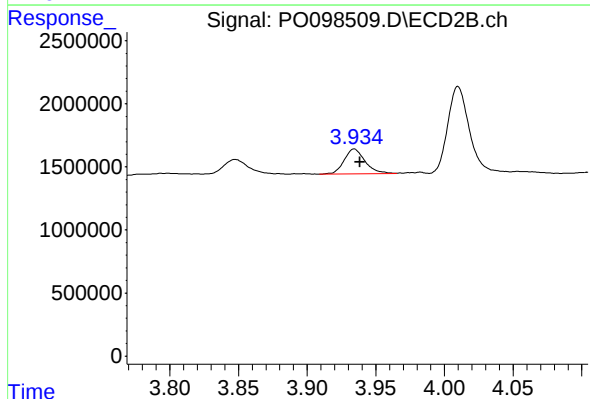
R.T.: 3.848 min
Delta R.T.: -0.005 min
Response: 1533119
Conc: 166.87 ng/ml



#9 AR-1221-2

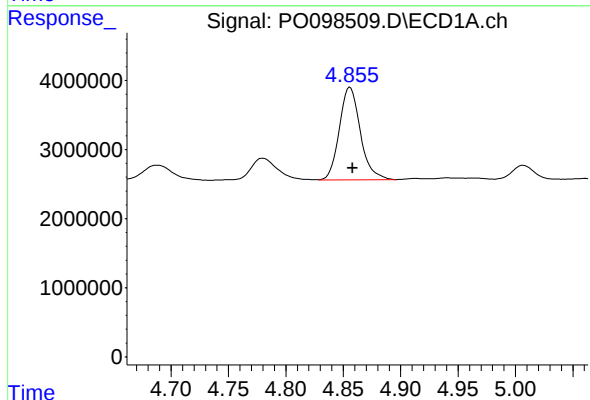
R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 5030868
Conc: 298.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



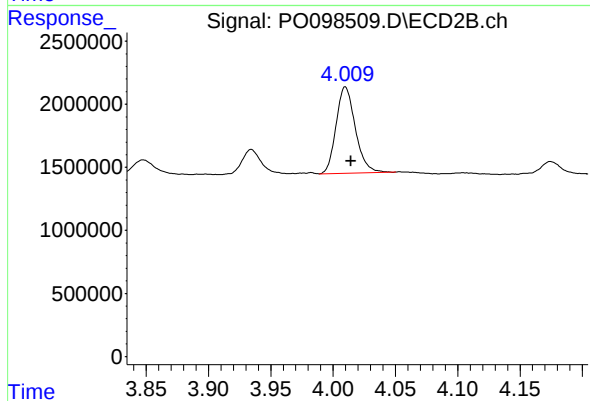
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: -0.004 min
Response: 2125663
Conc: 319.67 ng/ml



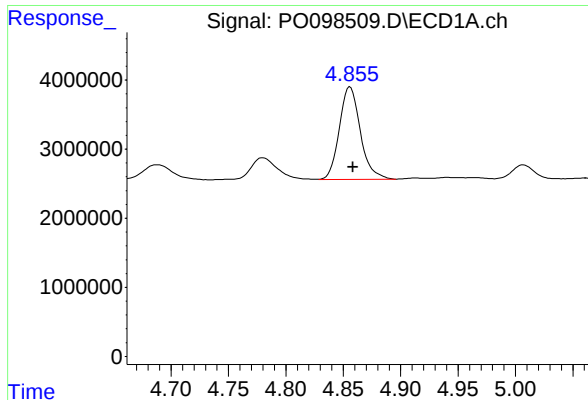
#10 AR-1221-3

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 17123272
Conc: 350.11 ng/ml



#10 AR-1221-3

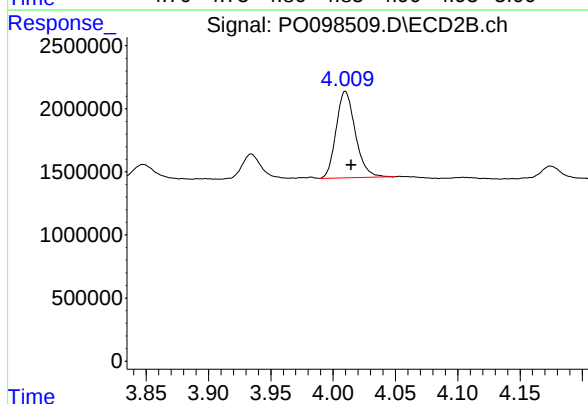
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 7347683
Conc: 364.24 ng/ml



#11 AR-1232-1

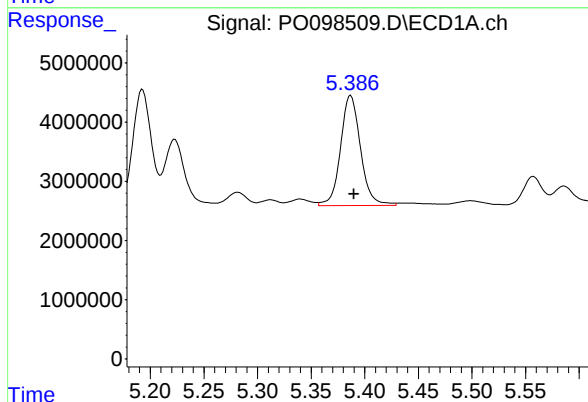
R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 17123272
Conc: 419.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



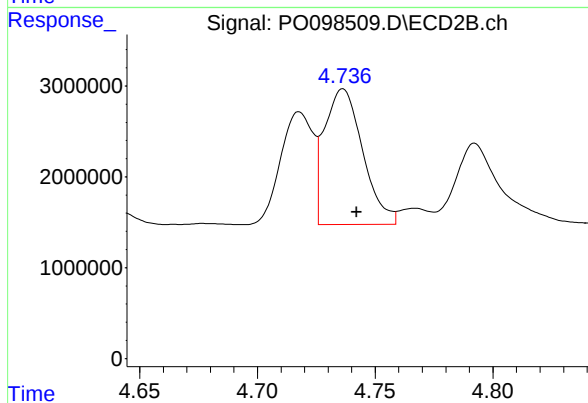
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 7347683
Conc: 437.15 ng/ml



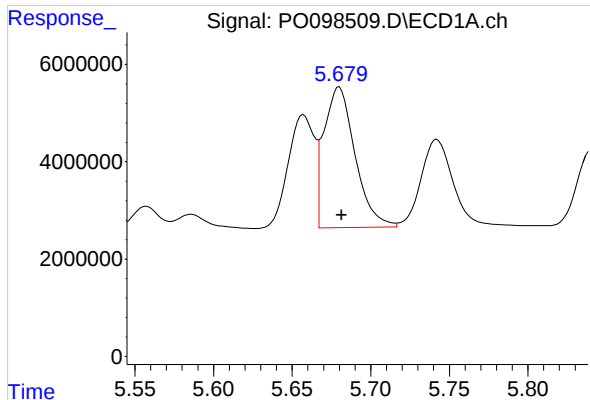
#12 AR-1232-2

R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 24058303
Conc: 1112.37 ng/ml



#12 AR-1232-2

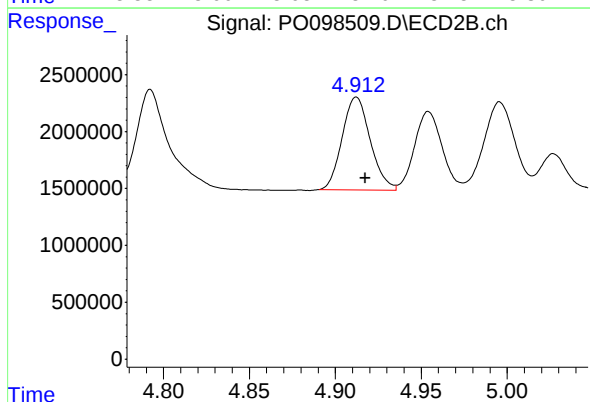
R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 16911023
Conc: 1125.42 ng/ml



#13 AR-1232-3

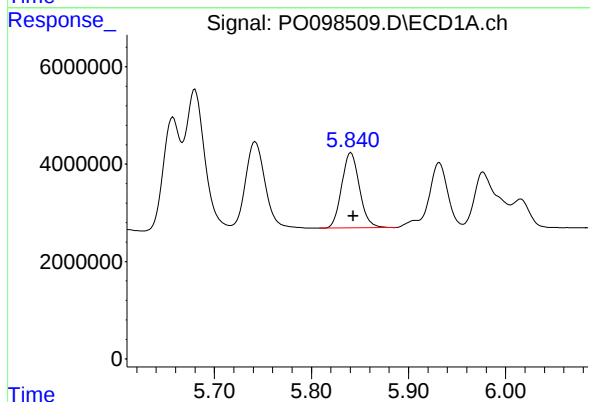
R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 39872184
Conc: 1121.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



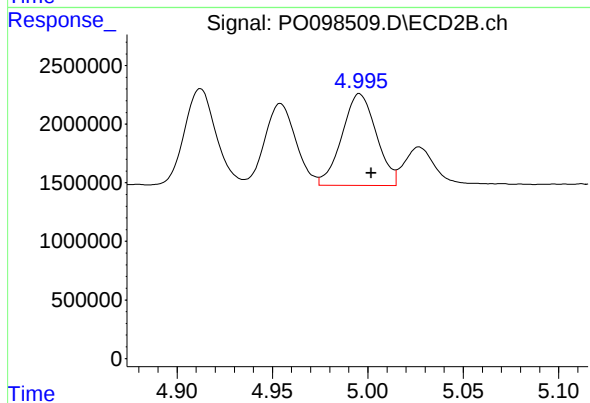
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 9305723
Conc: 1188.98 ng/ml



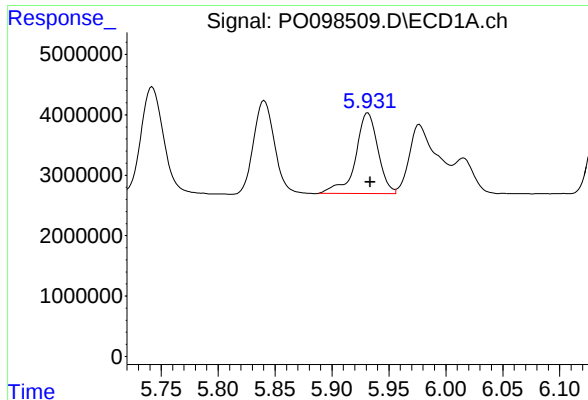
#14 AR-1232-4

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 19616642
Conc: 1155.50 ng/ml



#14 AR-1232-4

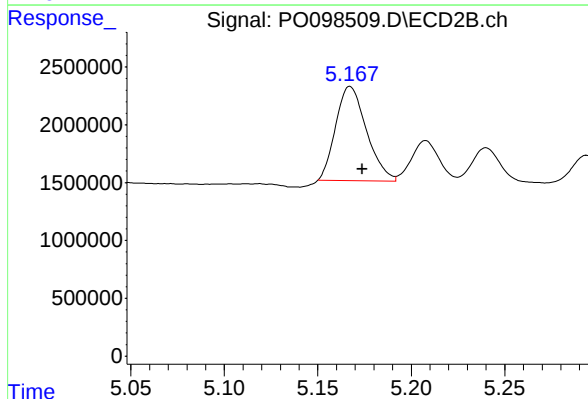
R.T.: 4.996 min
Delta R.T.: -0.006 min
Response: 9852239
Conc: 1310.29 ng/ml



#15 AR-1232-5

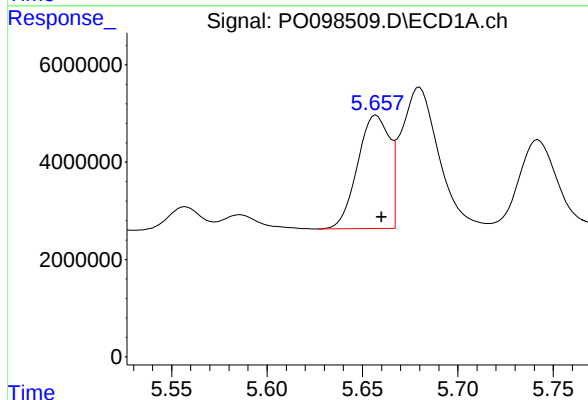
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 18212286
Conc: 1279.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



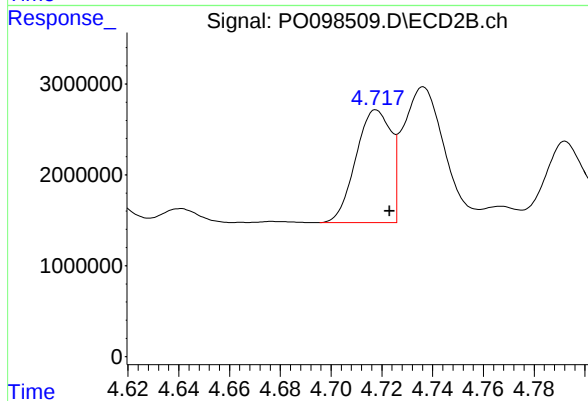
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 9351918
Conc: 1156.02 ng/ml



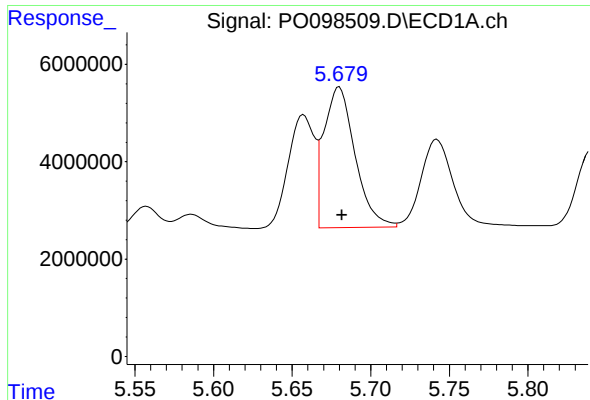
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 26967222
Conc: 592.21 ng/ml



#16 AR-1242-1

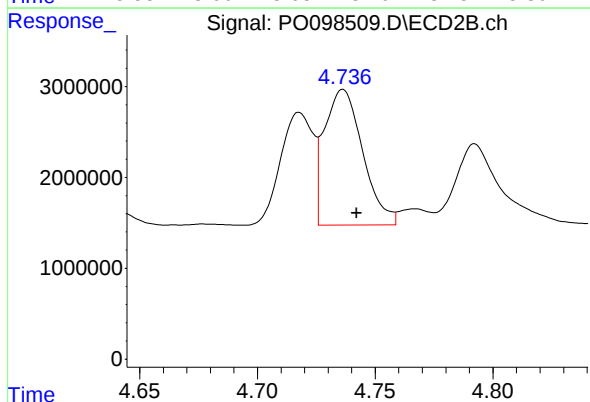
R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 11942625
Conc: 570.44 ng/ml



#17 AR-1242-2

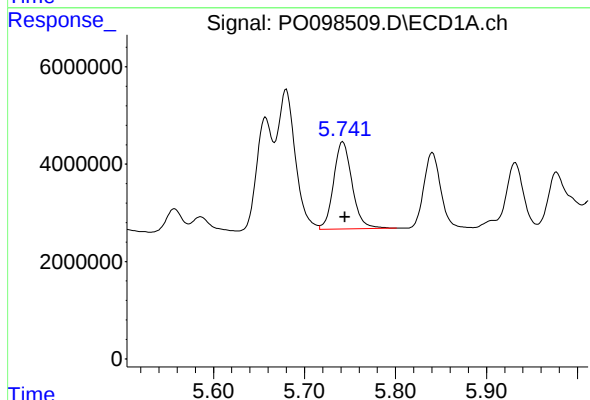
R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 39872184
Conc: 582.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



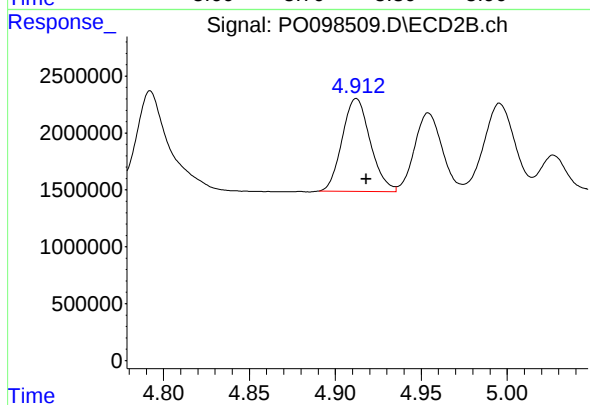
#17 AR-1242-2

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 16911023
Conc: 581.60 ng/ml



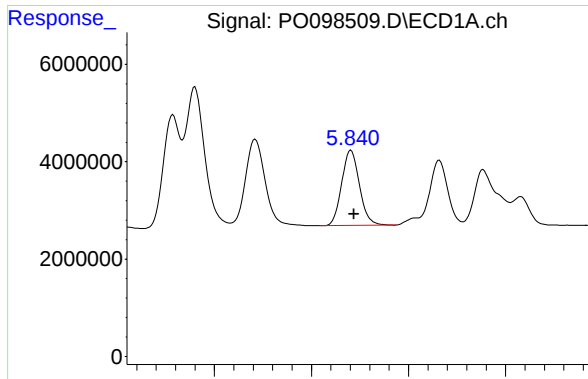
#18 AR-1242-3

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 25349035
Conc: 598.61 ng/ml



#18 AR-1242-3

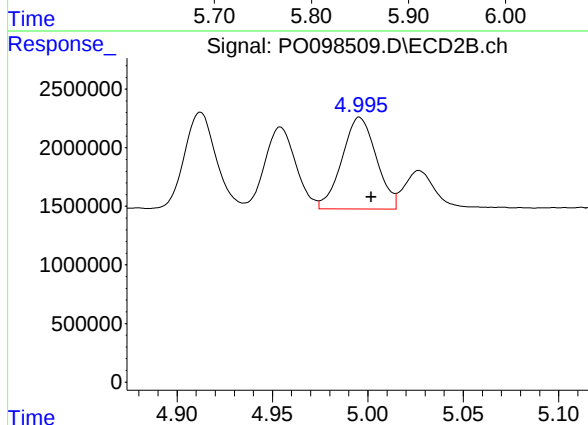
R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 9305723
Conc: 595.45 ng/ml



#19 AR-1242-4

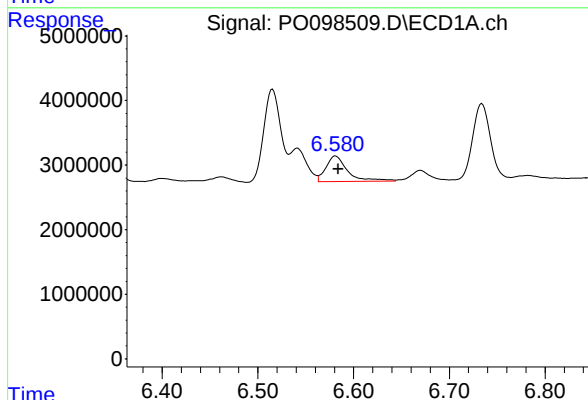
R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 19616642
Conc: 597.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



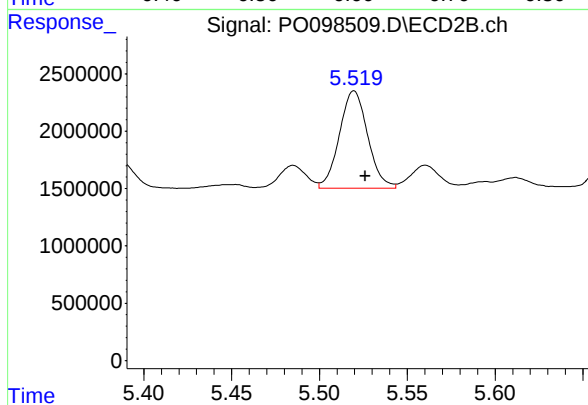
#19 AR-1242-4

R.T.: 4.996 min
Delta R.T.: -0.006 min
Response: 9852239
Conc: 594.86 ng/ml



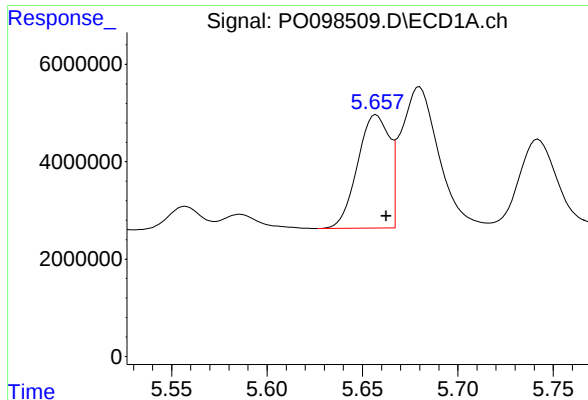
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 6139563
Conc: 173.33 ng/ml



#20 AR-1242-5

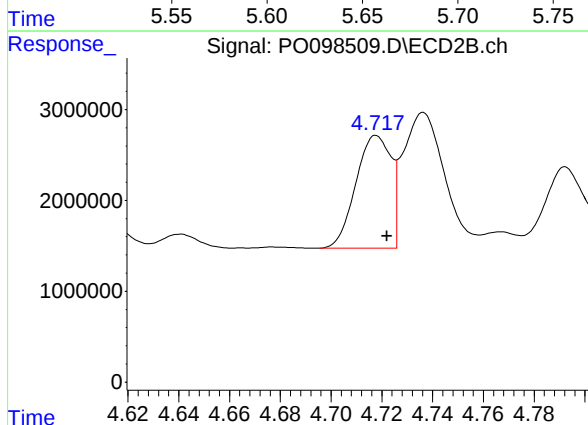
R.T.: 5.520 min
Delta R.T.: -0.007 min
Response: 9516162
Conc: 512.77 ng/ml



#21 AR-1248-1

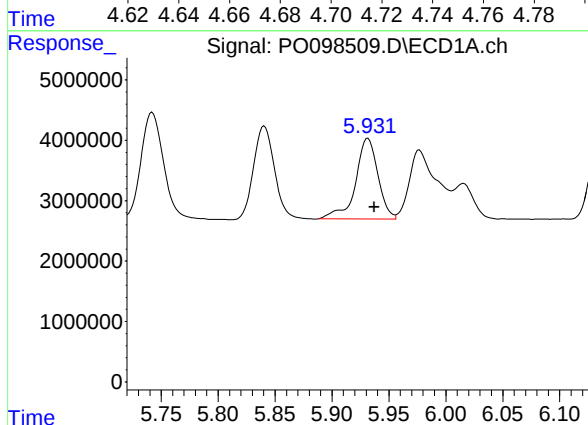
R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 26967222
Conc: 796.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



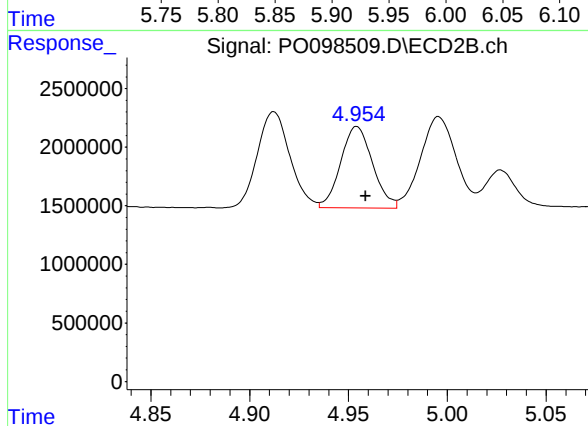
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.004 min
Response: 11942625
Conc: 762.08 ng/ml



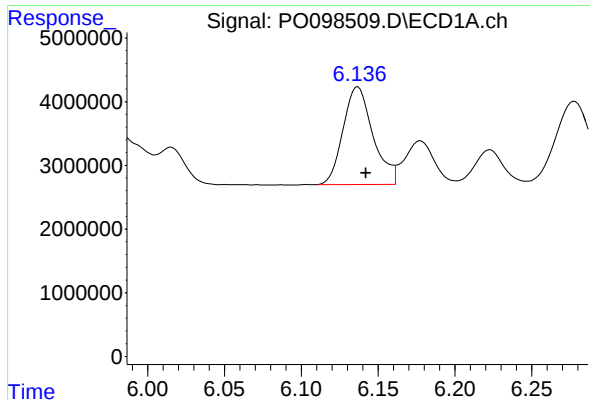
#22 AR-1248-2

R.T.: 5.932 min
Delta R.T.: -0.006 min
Response: 18212286
Conc: 351.66 ng/ml



#22 AR-1248-2

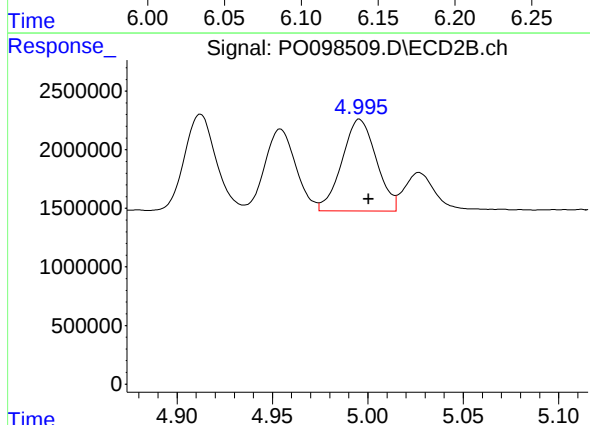
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 7797329
Conc: 354.32 ng/ml



#23 AR-1248-3

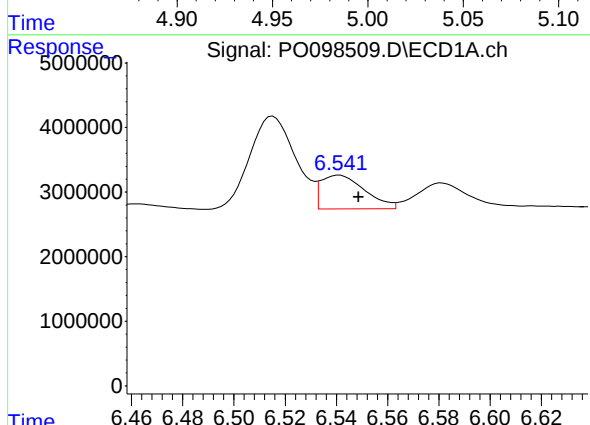
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 20710993
Conc: 366.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



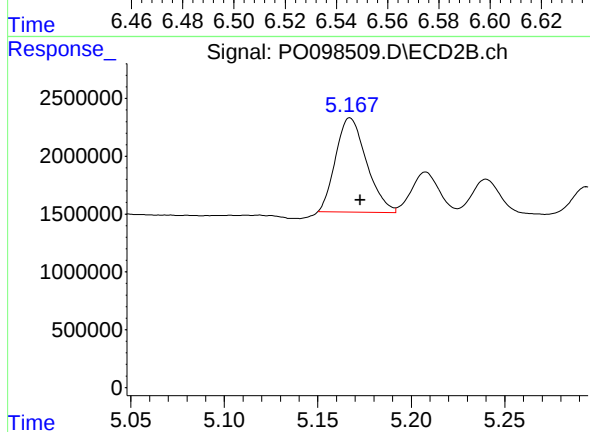
#23 AR-1248-3

R.T.: 4.996 min
Delta R.T.: -0.005 min
Response: 9852239
Conc: 419.61 ng/ml



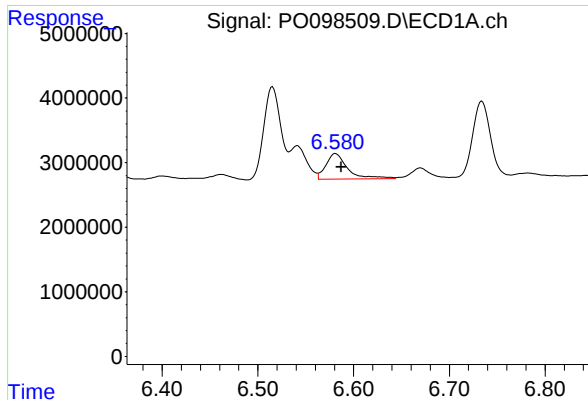
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: -0.008 min
Response: 6180612
Conc: 109.03 ng/ml



#24 AR-1248-4

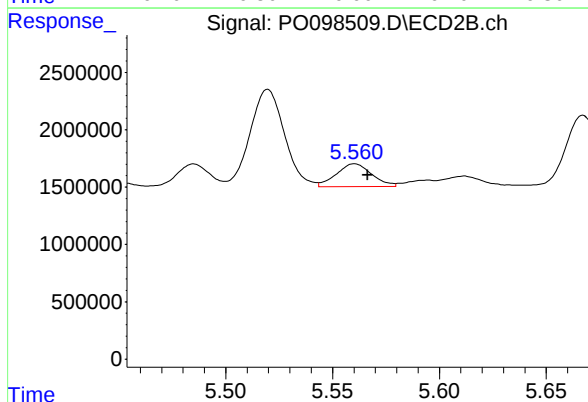
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 9351918
Conc: 350.60 ng/ml



#25 AR-1248-5

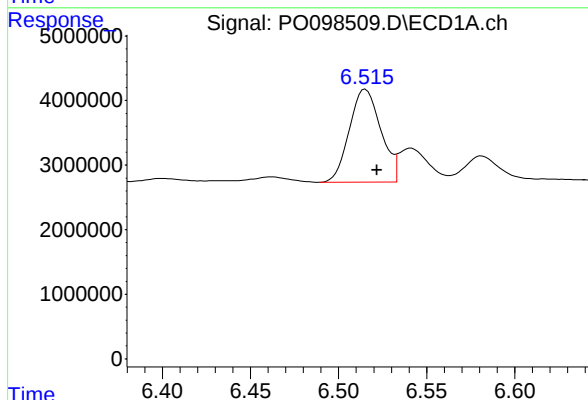
R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 6139563
Conc: 103.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



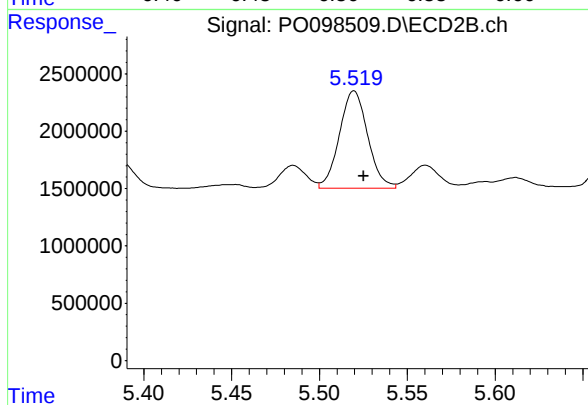
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 2299083
Conc: 97.43 ng/ml



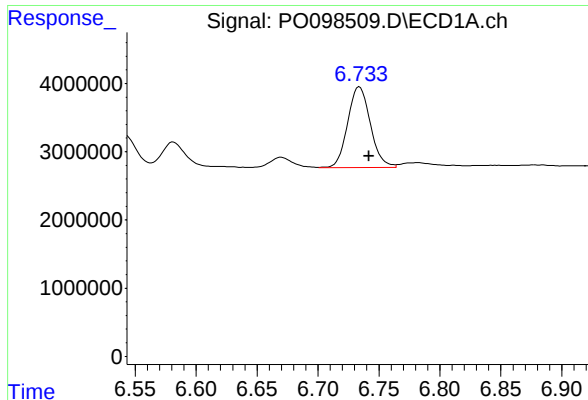
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: -0.007 min
Response: 17873778
Conc: 282.98 ng/ml



#26 AR-1254-1

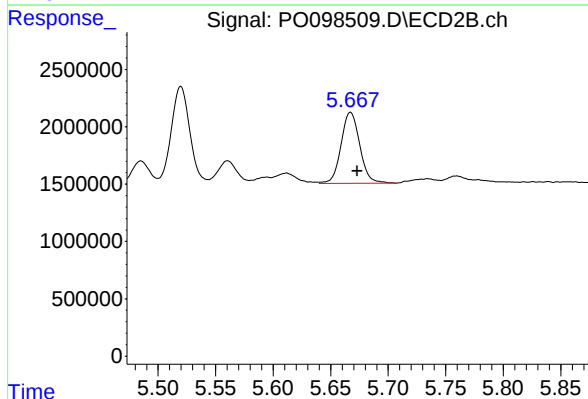
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 9516162
Conc: 248.18 ng/ml



#27 AR-1254-2

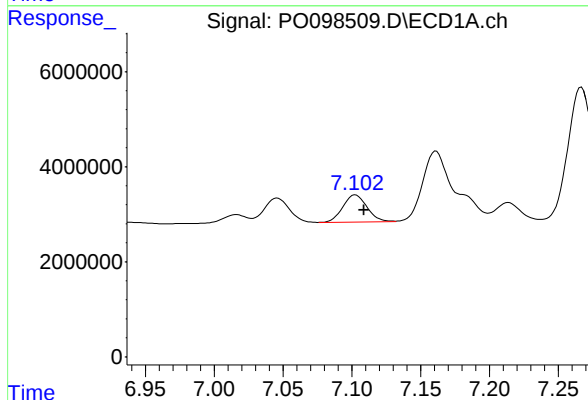
R.T.: 6.734 min
Delta R.T.: -0.008 min
Response: 15383227
Conc: 160.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



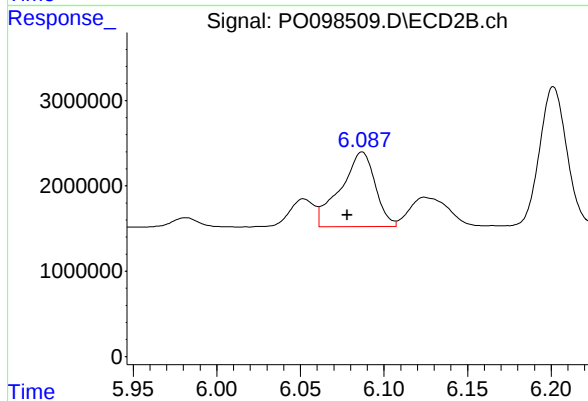
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 7012635
Conc: 203.69 ng/ml



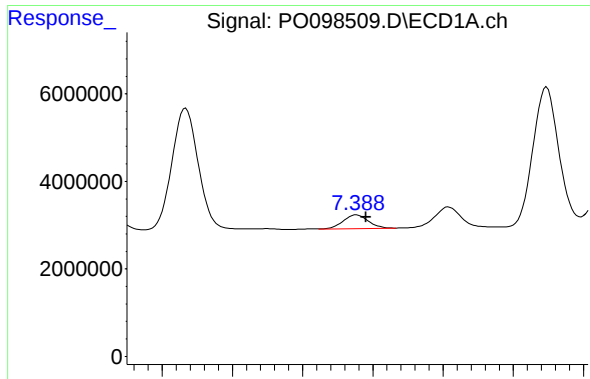
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.006 min
Response: 7033616
Conc: 74.75 ng/ml



#28 AR-1254-3

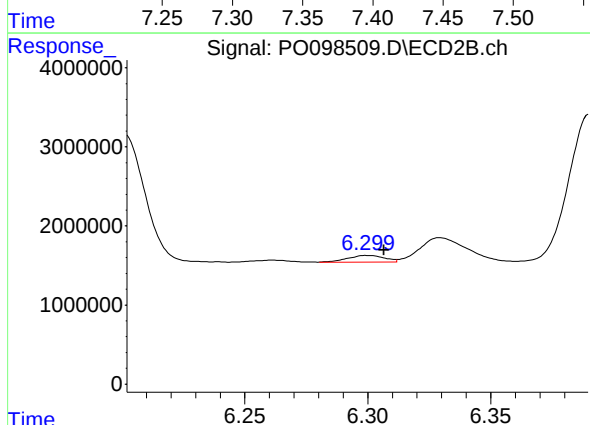
R.T.: 6.087 min
Delta R.T.: 0.009 min
Response: 12639800
Conc: 243.25 ng/ml



#29 AR-1254-4

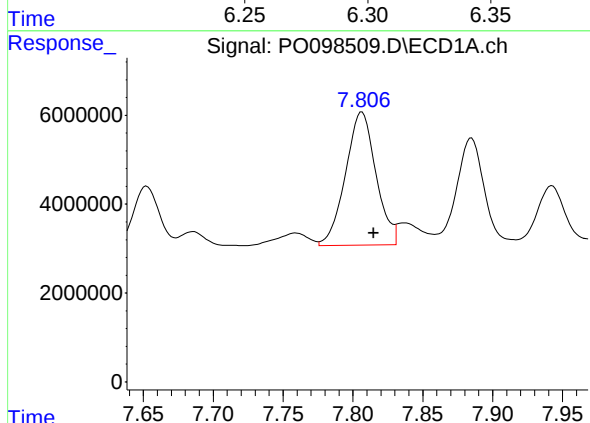
R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 3983716
Conc: 68.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



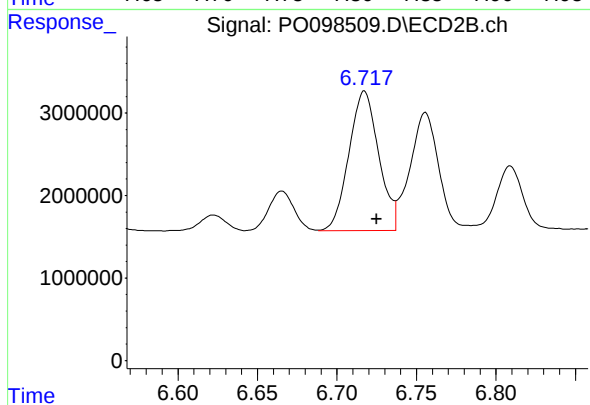
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 866262
Conc: 31.56 ng/ml



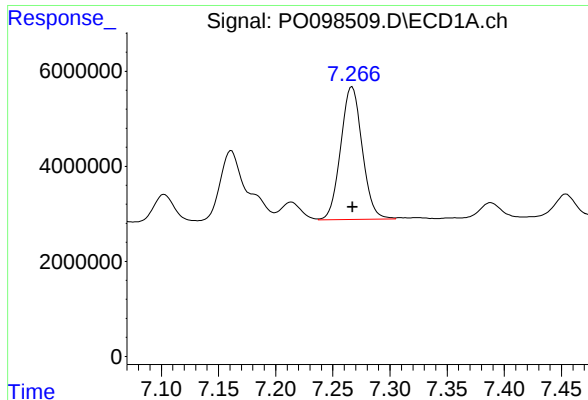
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.009 min
Response: 45447990
Conc: 650.70 ng/ml



#30 AR-1254-5

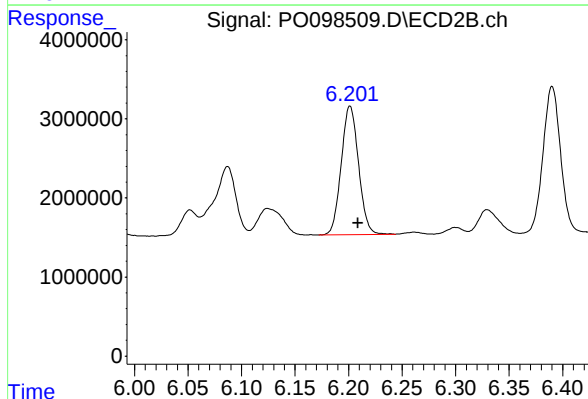
R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 22061875
Conc: 509.30 ng/ml



#31 AR-1260-1

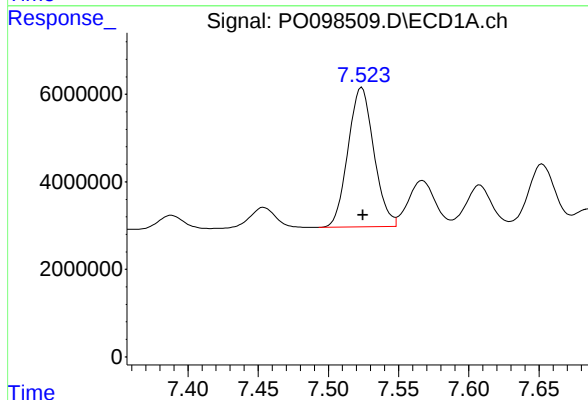
R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 36750655
Conc: 505.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



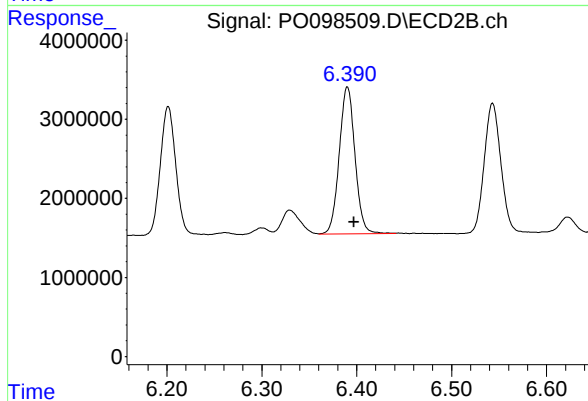
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.008 min
Response: 18409580
Conc: 501.75 ng/ml



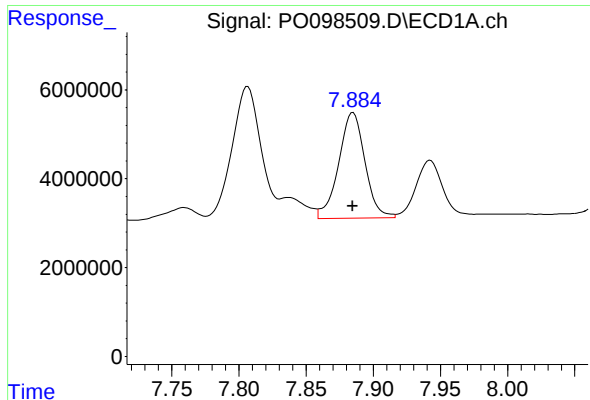
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 40896166
Conc: 496.67 ng/ml



#32 AR-1260-2

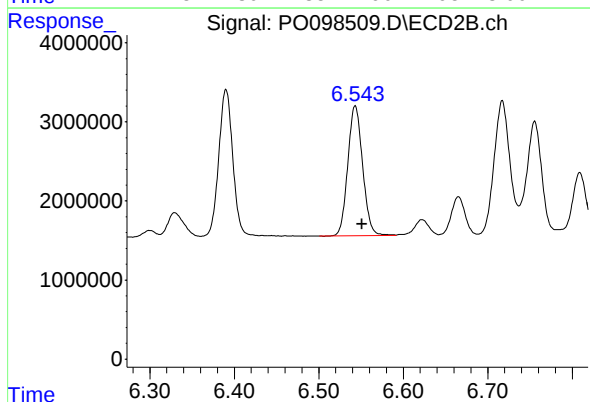
R.T.: 6.390 min
Delta R.T.: -0.007 min
Response: 21406236
Conc: 510.15 ng/ml



#33 AR-1260-3

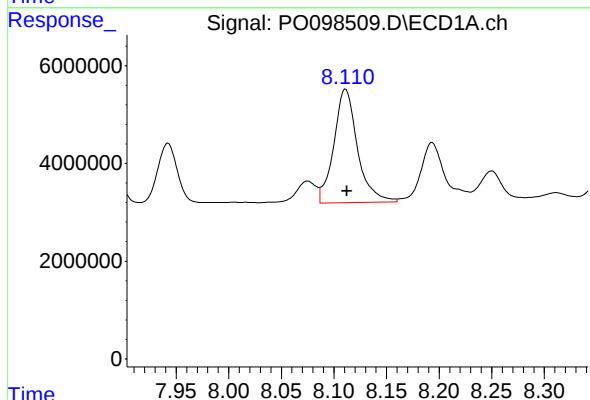
R.T.: 7.885 min
Delta R.T.: 0.000 min
Response: 32545826
Conc: 526.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



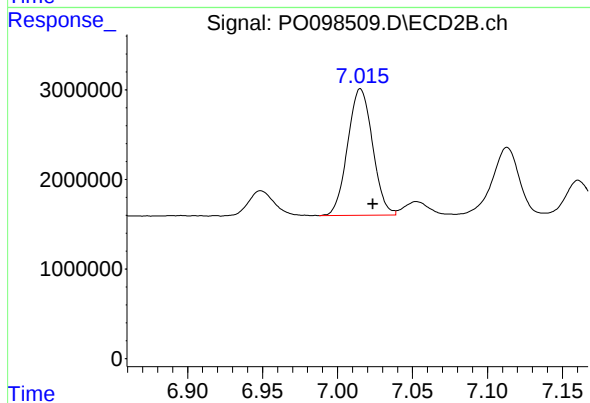
#33 AR-1260-3

R.T.: 6.543 min
Delta R.T.: -0.008 min
Response: 20107603
Conc: 502.48 ng/ml



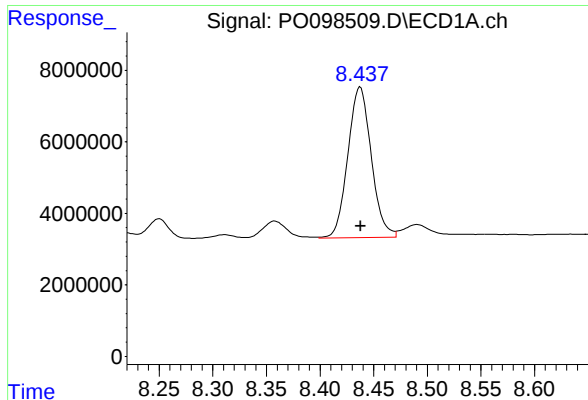
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 36529170
Conc: 541.87 ng/ml



#34 AR-1260-4

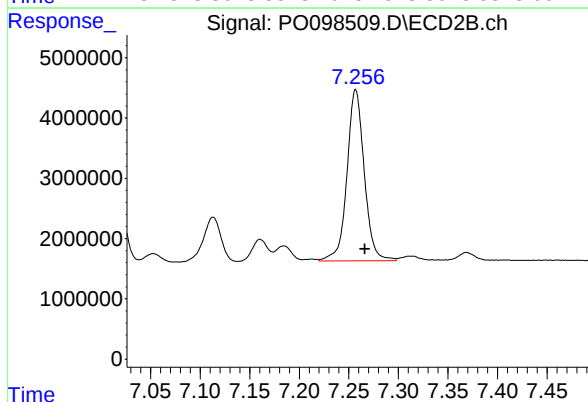
R.T.: 7.015 min
Delta R.T.: -0.008 min
Response: 16367757
Conc: 508.27 ng/ml



#35 AR-1260-5

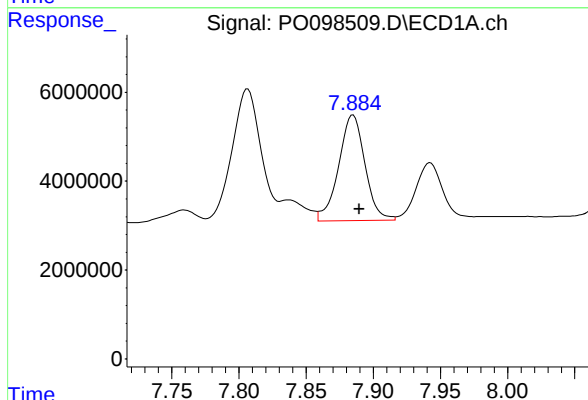
R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 64100053
Conc: 493.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



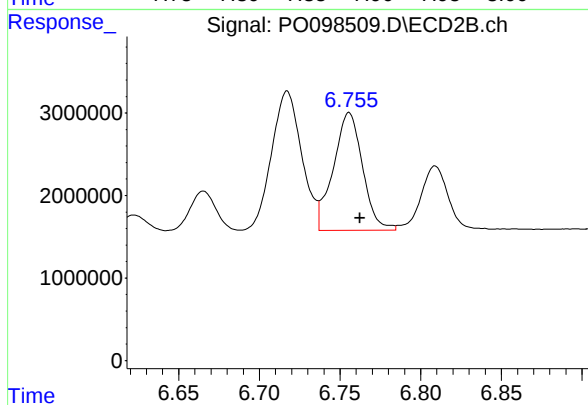
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 34491455
Conc: 492.31 ng/ml



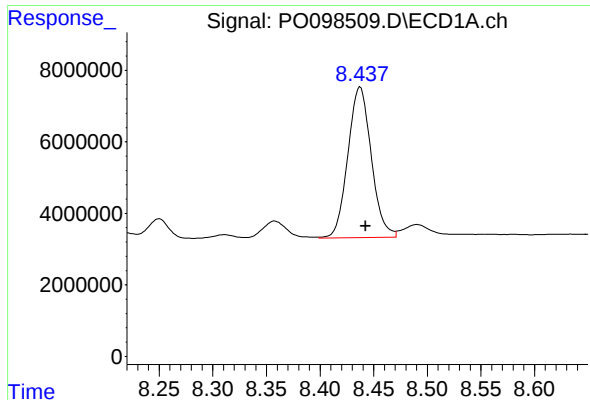
#36 AR-1262-1

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 32545826
Conc: 374.22 ng/ml



#36 AR-1262-1

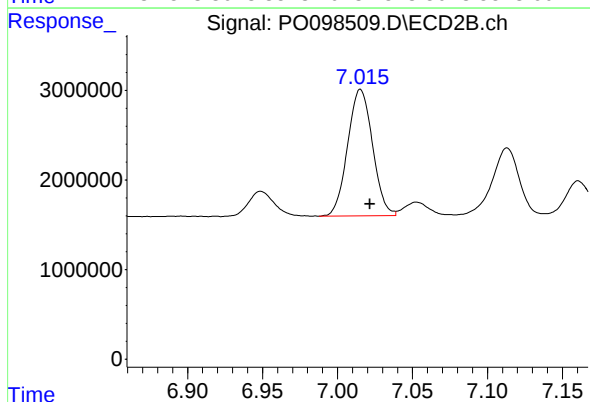
R.T.: 6.756 min
Delta R.T.: -0.007 min
Response: 18009160
Conc: 397.88 ng/ml



#37 AR-1262-2

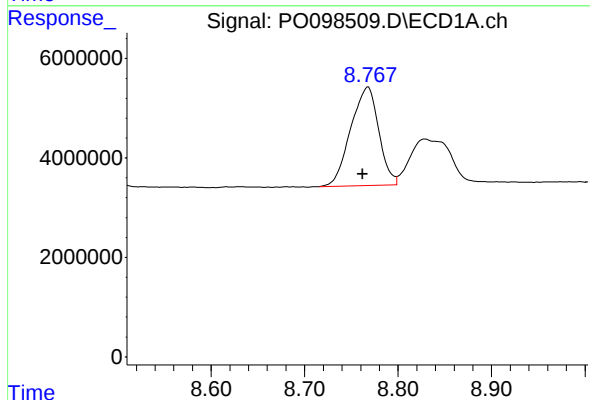
R.T.: 8.437 min
Delta R.T.: -0.005 min
Response: 64100053
Conc: 454.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



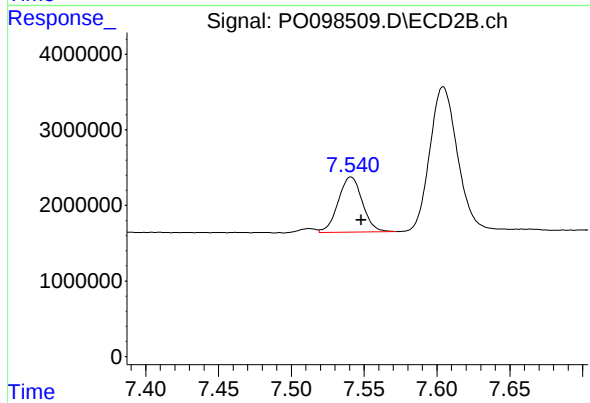
#37 AR-1262-2

R.T.: 7.015 min
Delta R.T.: -0.006 min
Response: 16367757
Conc: 405.91 ng/ml



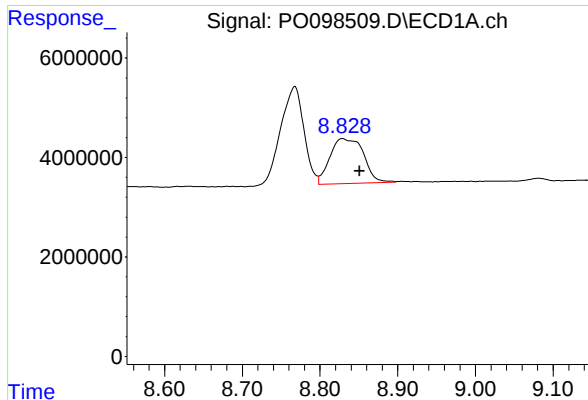
#38 AR-1262-3

R.T.: 8.768 min
Delta R.T.: 0.006 min
Response: 41291892
Conc: 418.22 ng/ml



#38 AR-1262-3

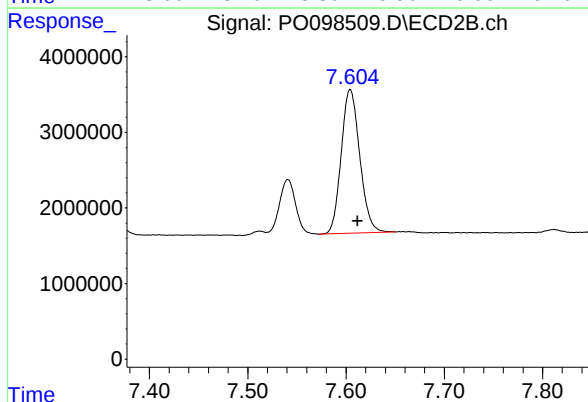
R.T.: 7.541 min
Delta R.T.: -0.007 min
Response: 8395703
Conc: 270.45 ng/ml



#39 AR-1262-4

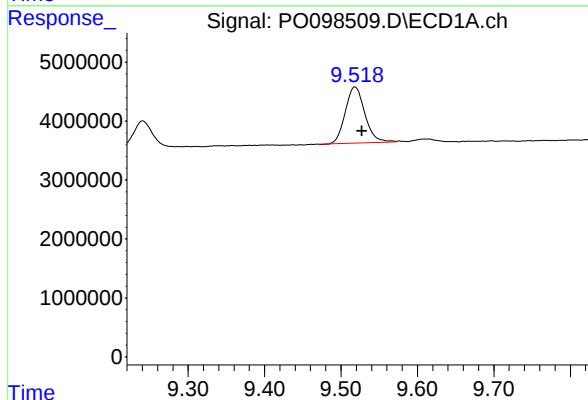
R.T.: 8.829 min
Delta R.T.: -0.022 min
Response: 27011393
Conc: 351.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



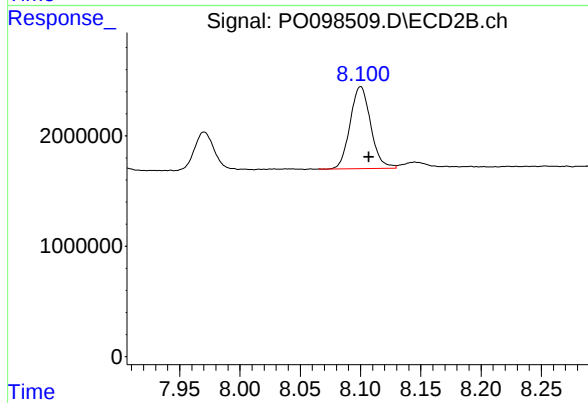
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.007 min
Response: 24905872
Conc: 459.74 ng/ml



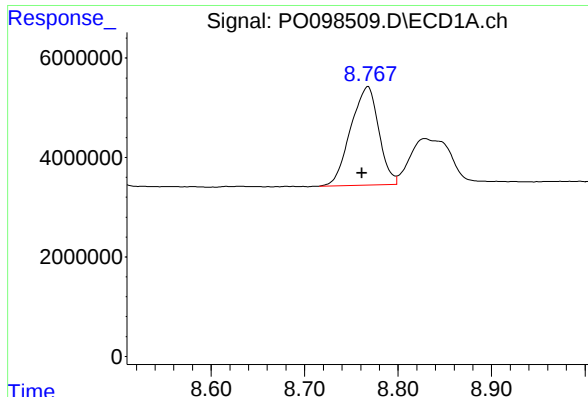
#40 AR-1262-5

R.T.: 9.518 min
Delta R.T.: -0.009 min
Response: 17138542
Conc: 353.31 ng/ml



#40 AR-1262-5

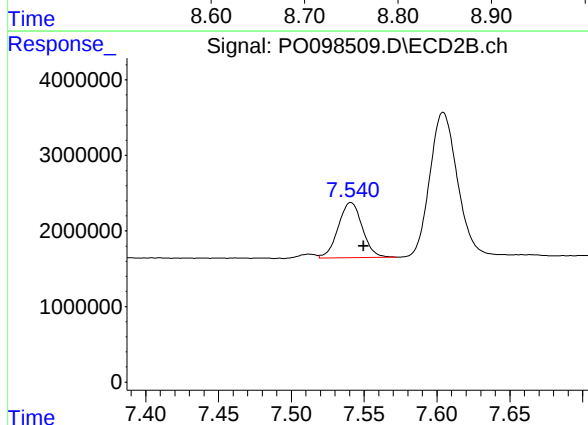
R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 8841024
Conc: 358.00 ng/ml



#41 AR-1268-1

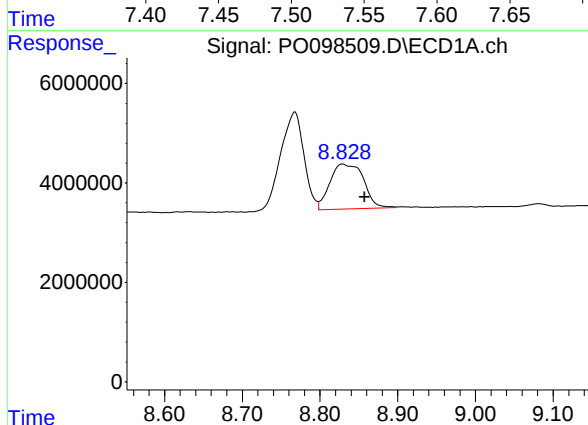
R.T.: 8.768 min
Delta R.T.: 0.006 min
Response: 41291892
Conc: 237.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



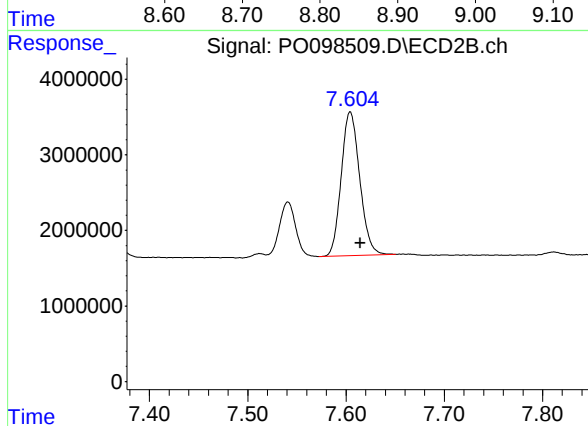
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.009 min
Response: 8395703
Conc: 91.88 ng/ml



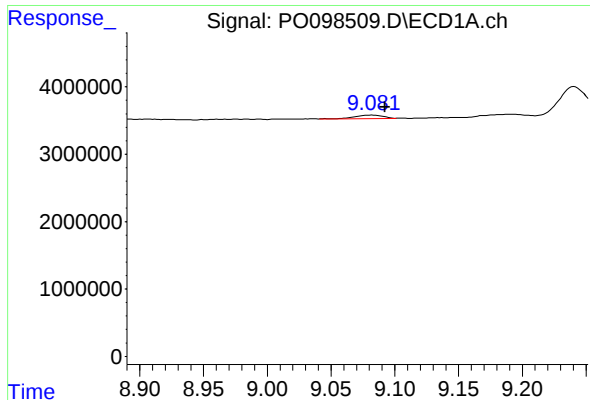
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: -0.028 min
Response: 27011393
Conc: 173.23 ng/ml



#42 AR-1268-2

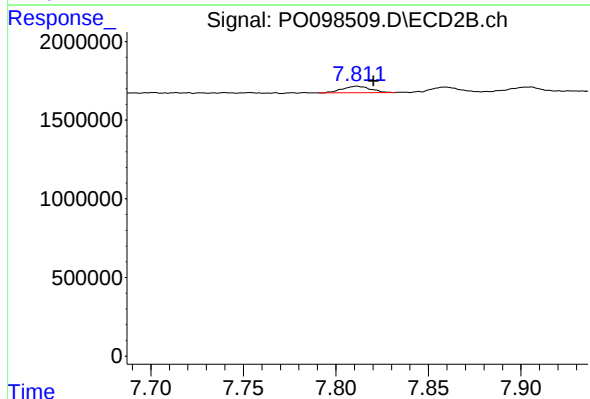
R.T.: 7.604 min
Delta R.T.: -0.010 min
Response: 24905872
Conc: 321.21 ng/ml



#43 AR-1268-3

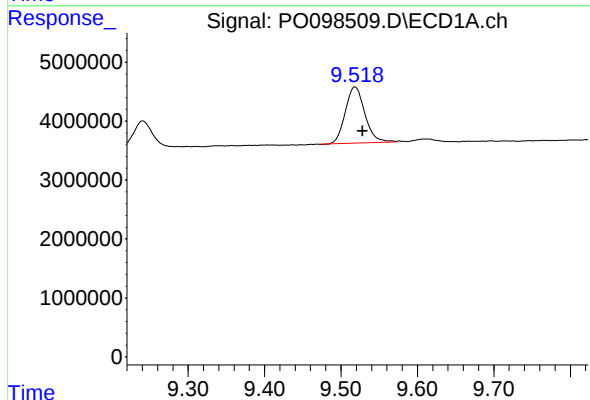
R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 859323
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



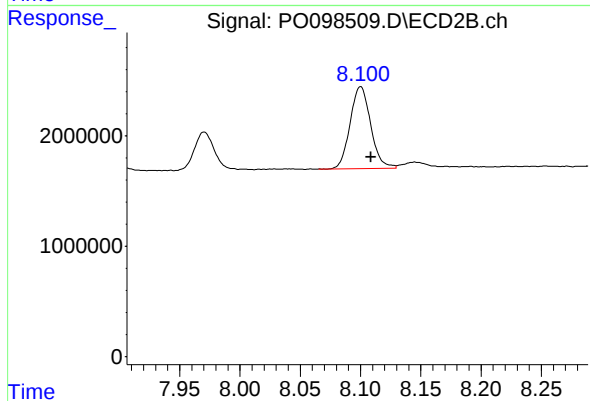
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: -0.009 min
Response: 430676
Conc: 6.50 ng/ml



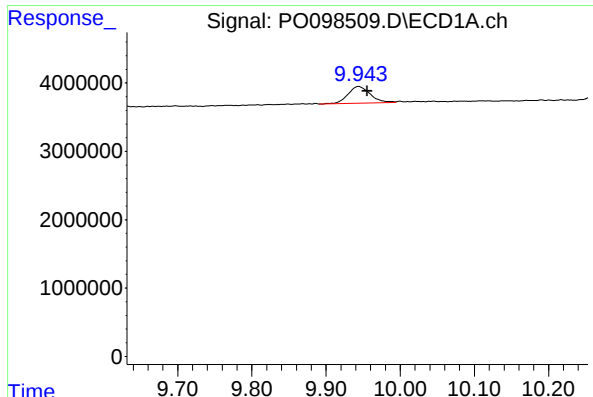
#44 AR-1268-4

R.T.: 9.518 min
Delta R.T.: -0.010 min
Response: 17138542
Conc: 321.73 ng/ml



#44 AR-1268-4

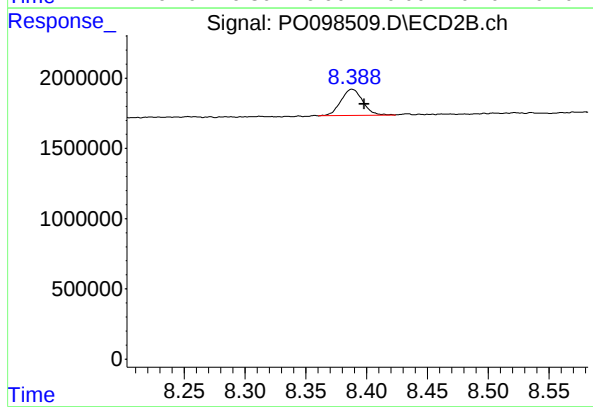
R.T.: 8.100 min
Delta R.T.: -0.008 min
Response: 8841024
Conc: 326.62 ng/ml



#45 AR-1268-5

R.T.: 9.944 min
Delta R.T.: -0.012 min
Response: 5148358
Conc: 11.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.010 min
Response: 2339746
Conc: 11.82 ng/ml