

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010524\
 Data File : P0100926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2024 13:17
 Operator : YP/AJ
 Sample : PB158259BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 23:27:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.345	3.642	63914300	36376271	20.484	17.802
2) SA Decachlor...	10.085	8.700	40197960	29465760	19.242	19.522
Target Compounds						
3) L1 AR-1016-1	5.513	4.736	44219796	29884251	515.219	482.906
4) L1 AR-1016-2	5.536	4.756	64279176	41649820	503.547	472.366
5) L1 AR-1016-3	5.598	4.934	41076812	22390536	520.844	479.298
6) L1 AR-1016-4	5.696	4.975	32058078	20055620	526.079	488.708
7) L1 AR-1016-5	5.992	5.191	32581618	25060194	532.253	482.420
8) L2 AR-1221-1	4.551	3.855	5209554	3234944	140.923	128.822
9) L2 AR-1221-2	4.640	3.943	6172986	4235475	222.279	220.570
10) L2 AR-1221-3	4.716	4.019	26040219	17120937	312.001	290.934
11) L3 AR-1232-1	4.716	4.019	26040219	17120937	390.591	362.096
12) L3 AR-1232-2	5.245	4.756	36884745	41649820	1052.080	998.559
13) L3 AR-1232-3	5.536	4.934	64279176	22390536	1077.319	1043.672
14) L3 AR-1232-4	5.696	5.018	32058078	24377508	1169.171	1147.344
15) L3 AR-1232-5	5.788	5.191	31152669	25060194	1295.708	1146.733
16) L4 AR-1242-1	5.513	4.736	44219796	29884251	626.959	572.186
17) L4 AR-1242-2	5.536	4.756	64279176	41649820	612.402	574.686
18) L4 AR-1242-3	5.598	4.934	41076812	22390536	631.906	584.358
19) L4 AR-1242-4	5.696	5.018	32058078	24377508	640.173	584.851
20) L4 AR-1242-5	6.436	5.546	4748715	20004553	91.751	435.880 #
21) L5 AR-1248-1	5.513	4.736	44219796	29884251	806.044	747.319
22) L5 AR-1248-2	5.788	4.975	31152669	20055620	360.699	333.357
23) L5 AR-1248-3	5.992	5.018	32581618	24377508	371.201	389.982
24) L5 AR-1248-4	6.395	5.191	4457227	25060194	49.576	347.910 #
25) L5 AR-1248-5	6.436	5.587	4748715	2915641	52.904	47.261
26) L6 AR-1254-1	6.370	5.546	24684673	20004553	234.827	194.919
27) L6 AR-1254-2	6.589	5.695	25488674	19414912	172.616	211.327
28) L6 AR-1254-3	6.957	6.117	12101566	32983501	86.423	243.892 #
29) L6 AR-1254-4	7.243	6.332	7185449	3240221	84.522	44.921 #
30) L6 AR-1254-5	7.663	6.753	75540934	60991114	638.411	529.328
31) L7 AR-1260-1	7.122	6.233	54908117	47038458	400.798	493.823
32) L7 AR-1260-2	7.380	6.422	60820857	54780427	483.592	509.662
33) L7 AR-1260-3	7.741	6.577	41108283	50904978	424.388	496.649
34) L7 AR-1260-4	7.967	7.053	45900033	36160646	434.963	443.543
35) L7 AR-1260-5	8.285	7.295	86470196	79405972	409.637	439.978
36) L8 AR-1262-1	7.663	6.753	75540934	60991114	756.167	977.758 #
37) L8 AR-1262-2	8.285	7.053	86470196	36160646	364.381	319.990
38) L8 AR-1262-3	8.606	7.580	55273951	14593222	340.353	189.503 #
39) L8 AR-1262-4	8.681	7.644	12641469	56191458	98.048	380.367 #
40) L8 AR-1262-5	9.336	8.143	20325269	16491492	254.772	257.872
41) L9 AR-1268-1	8.606	7.580	55273951	14593222	195.618	65.836 #

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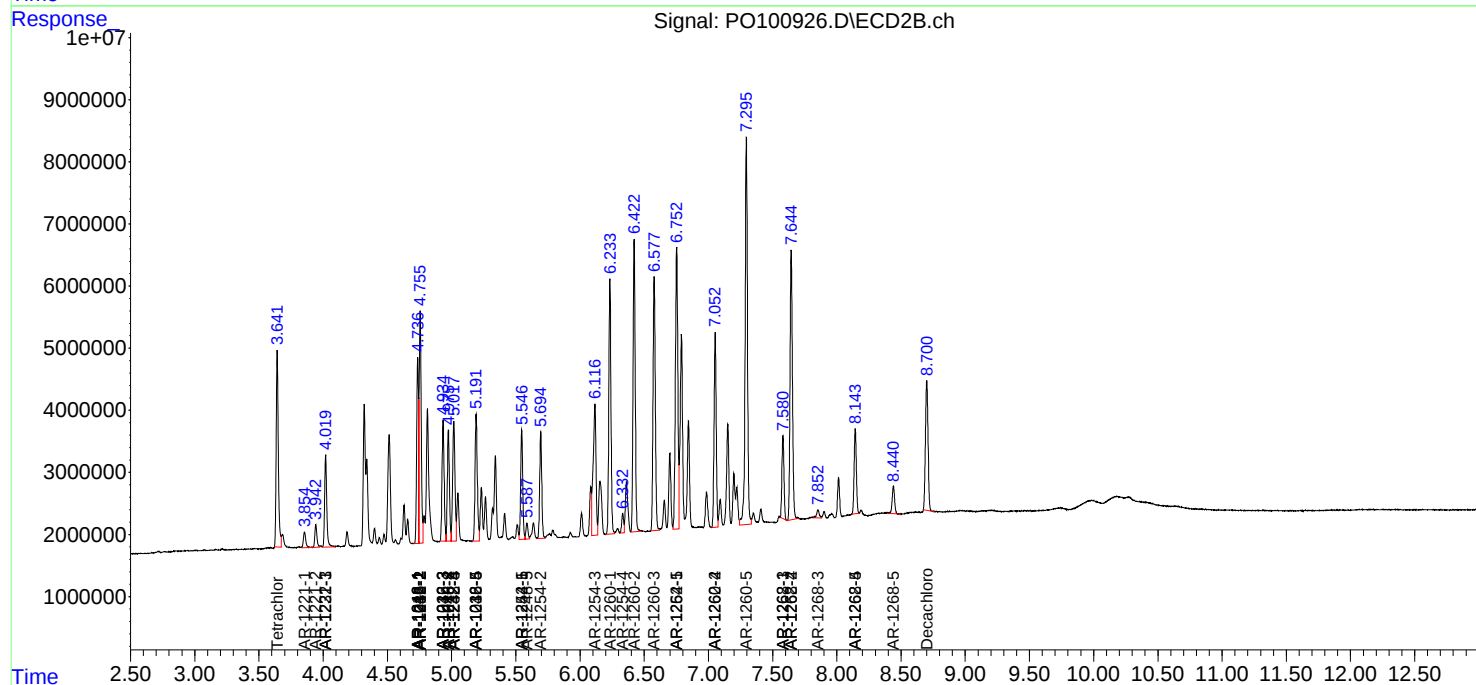
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

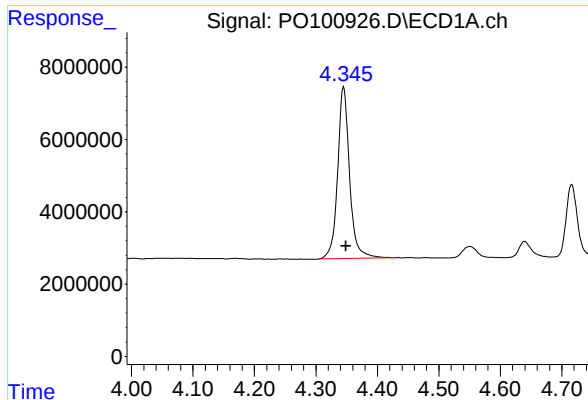
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.681	7.644	12641469	56191458	50.022	277.818 #
43) L9	AR-1268-3	8.910	7.853	1449658	1764552	6.354	9.353 #
44) L9	AR-1268-4	9.336	8.143	20325269	16491492	259.577	245.622
45) L9	AR-1268-5	9.749	8.441	7011836	5830757	9.779	11.238

(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

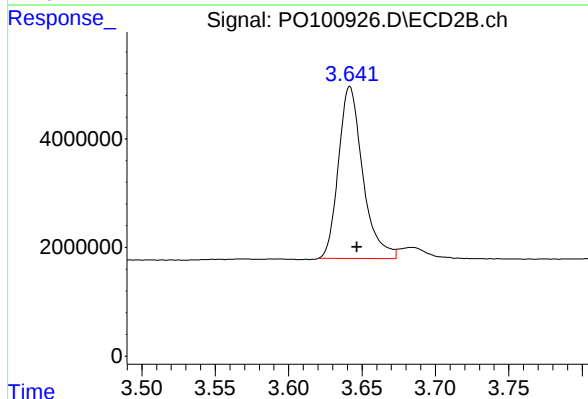




#1 Tetrachloro-m-xylene

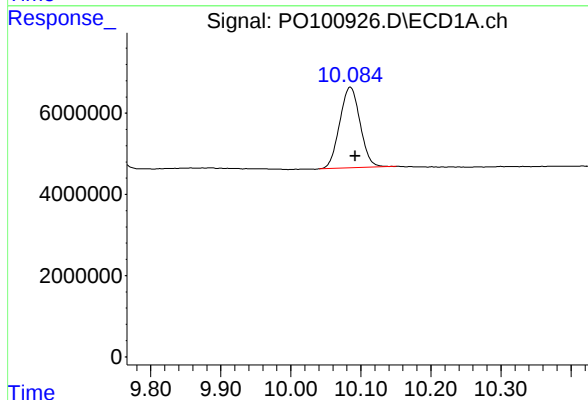
R.T.: 4.345 min
Delta R.T.: -0.004 min
Response: 63914300
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



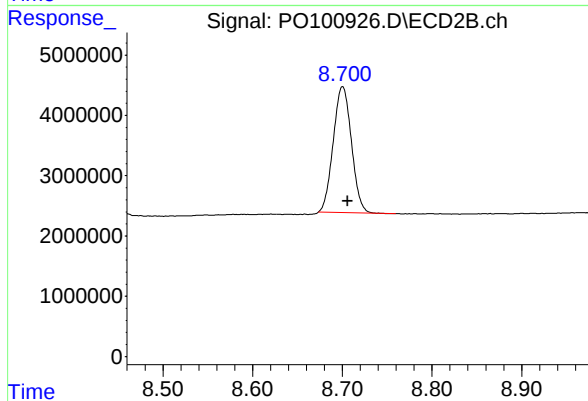
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.005 min
Response: 36376271
Conc: 17.80 ng/ml



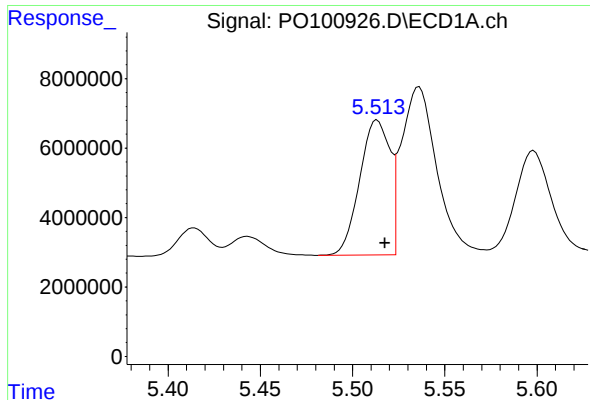
#2 Decachlorobiphenyl

R.T.: 10.085 min
Delta R.T.: -0.007 min
Response: 40197960
Conc: 19.24 ng/ml



#2 Decachlorobiphenyl

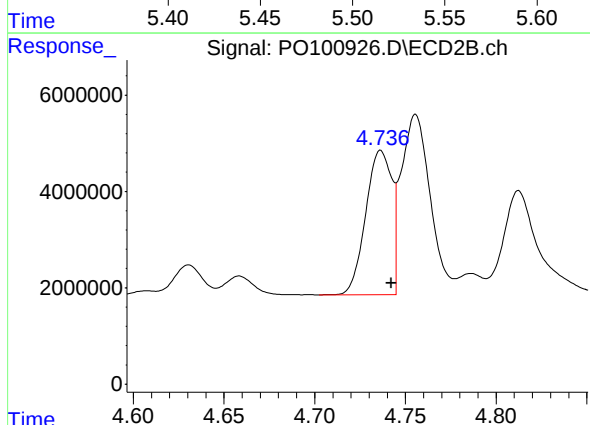
R.T.: 8.700 min
Delta R.T.: -0.006 min
Response: 29465760
Conc: 19.52 ng/ml



#3 AR-1016-1

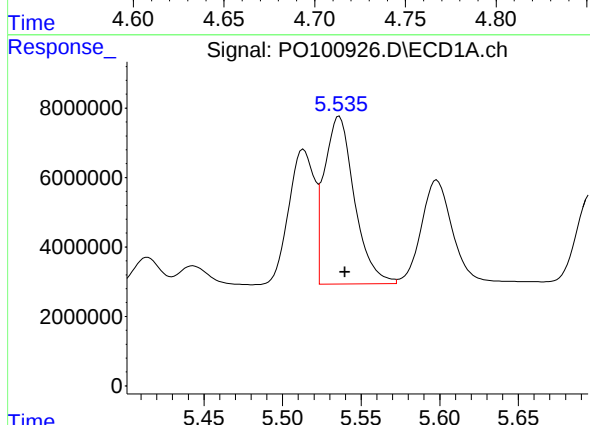
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 44219796
Conc: 515.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



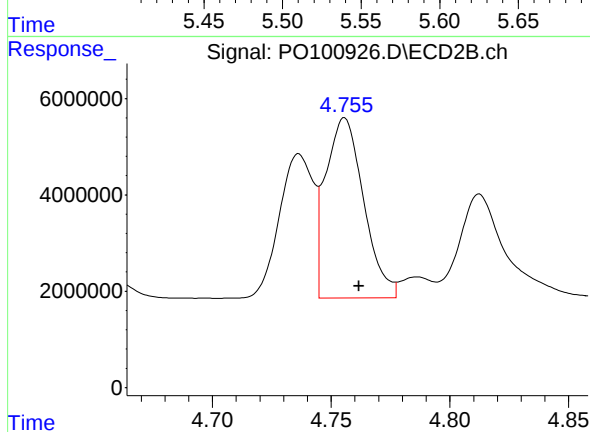
#3 AR-1016-1

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 29884251
Conc: 482.91 ng/ml



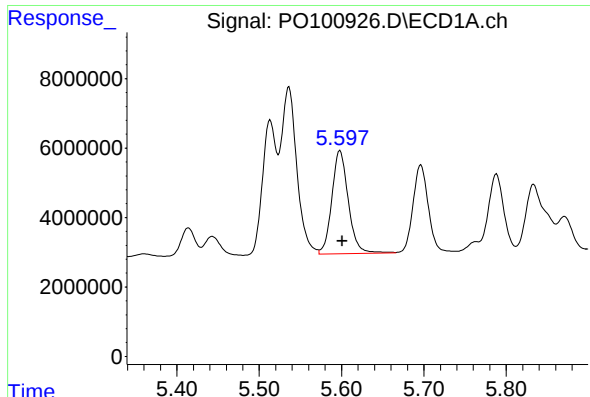
#4 AR-1016-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 64279176
Conc: 503.55 ng/ml



#4 AR-1016-2

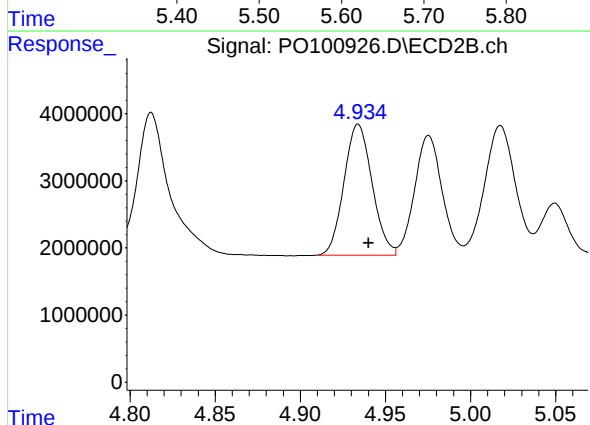
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 41649820
Conc: 472.37 ng/ml



#5 AR-1016-3

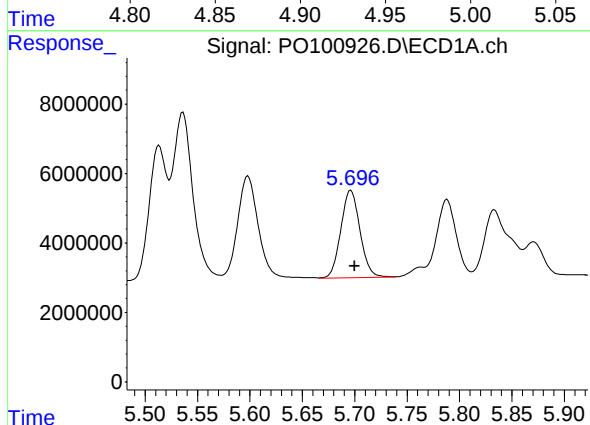
R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 41076812
Conc: 520.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



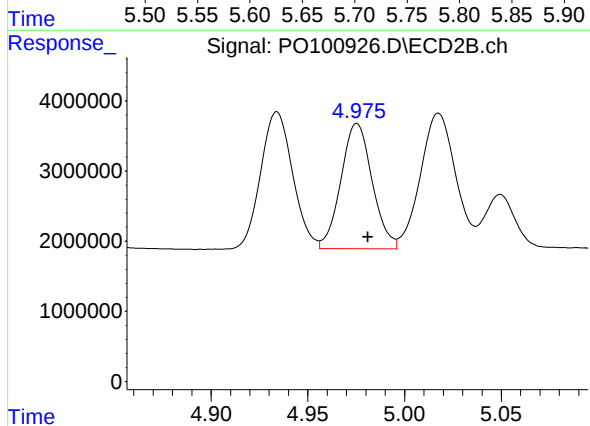
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: 22390536
Conc: 479.30 ng/ml



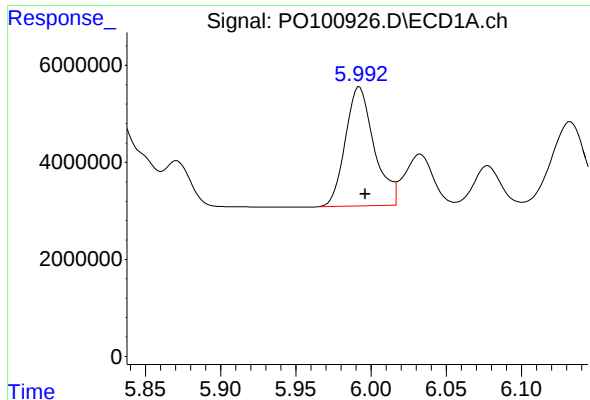
#6 AR-1016-4

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 32058078
Conc: 526.08 ng/ml



#6 AR-1016-4

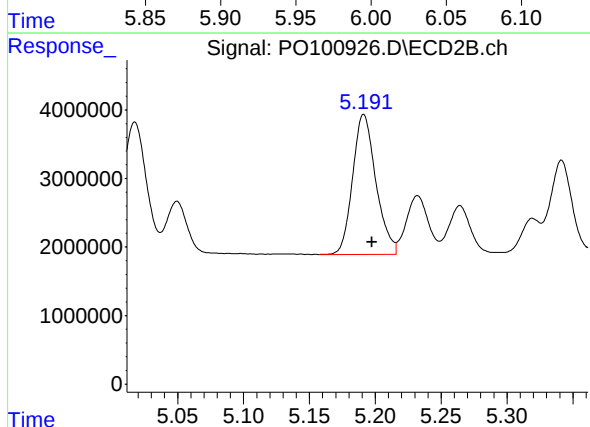
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 20055620
Conc: 488.71 ng/ml



#7 AR-1016-5

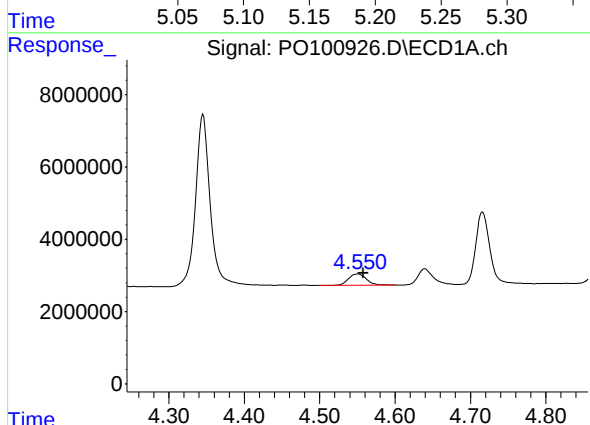
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 32581618
Conc: 532.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



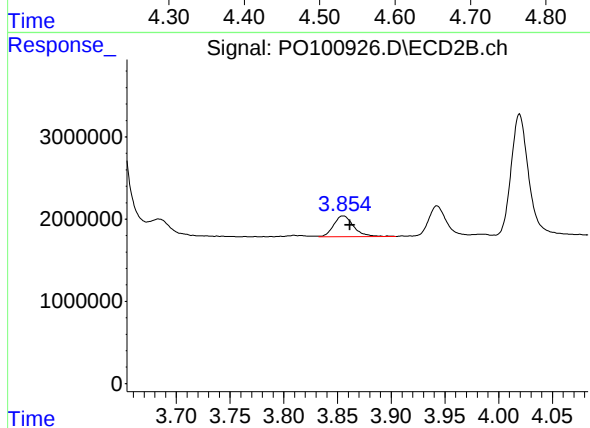
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 25060194
Conc: 482.42 ng/ml



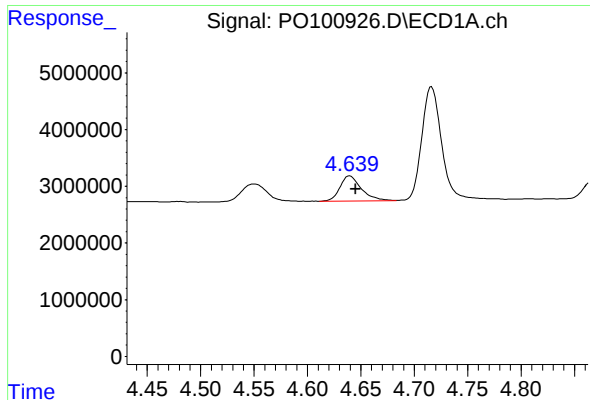
#8 AR-1221-1

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 5209554
Conc: 140.92 ng/ml



#8 AR-1221-1

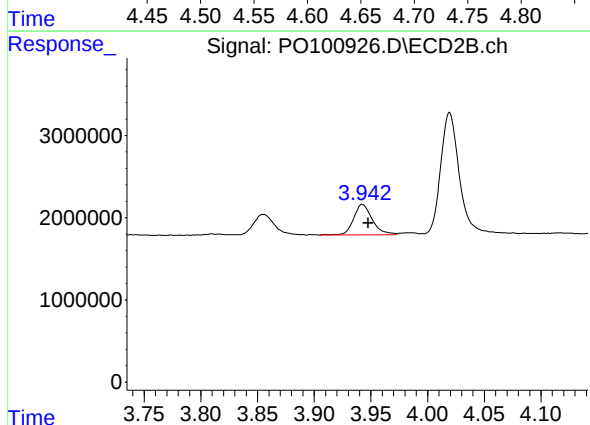
R.T.: 3.855 min
Delta R.T.: -0.006 min
Response: 3234944
Conc: 128.82 ng/ml



#9 AR-1221-2

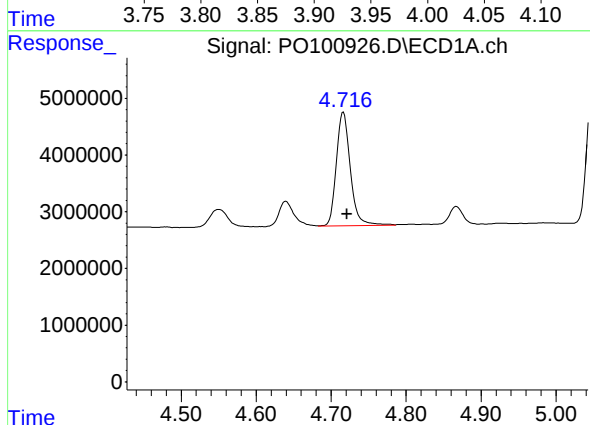
R.T.: 4.640 min
Delta R.T.: -0.005 min
Response: 6172986
Conc: 222.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



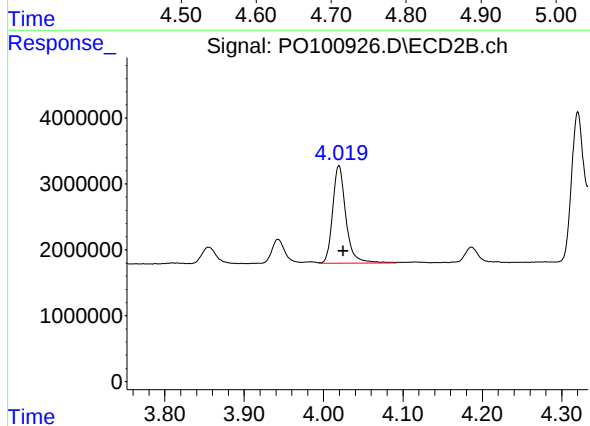
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: -0.005 min
Response: 4235475
Conc: 220.57 ng/ml



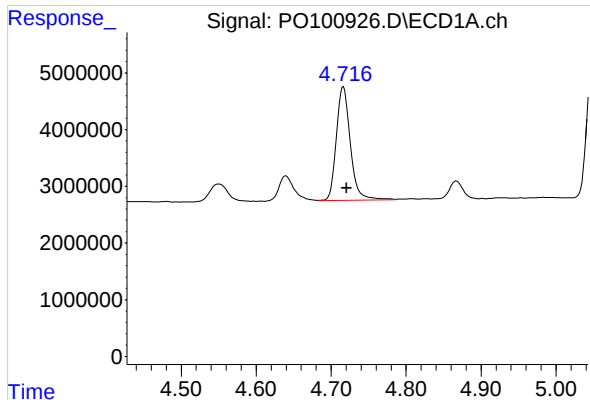
#10 AR-1221-3

R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 26040219
Conc: 312.00 ng/ml



#10 AR-1221-3

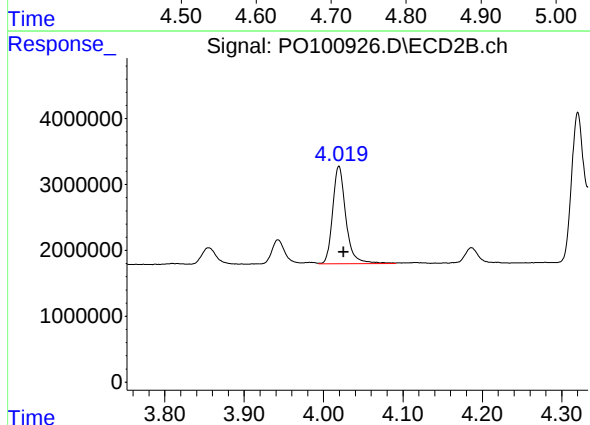
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 17120937
Conc: 290.93 ng/ml



#11 AR-1232-1

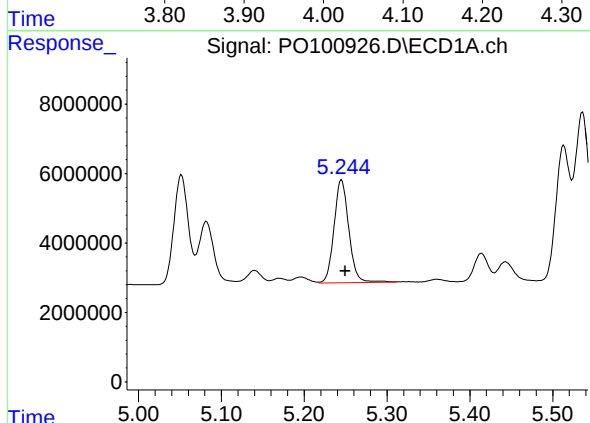
R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 26040219
Conc: 390.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



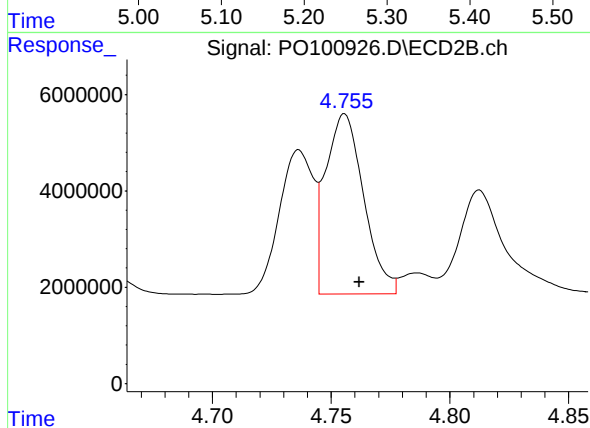
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 17120937
Conc: 362.10 ng/ml



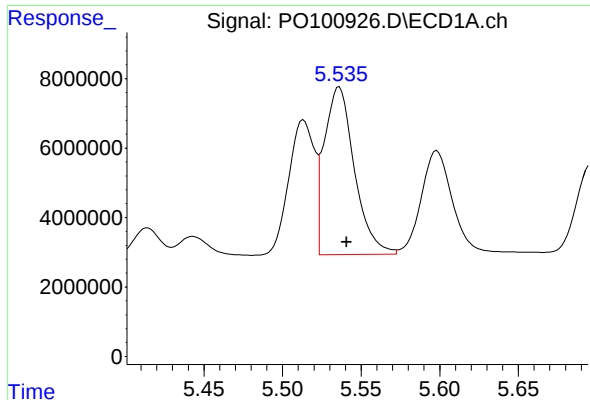
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.005 min
Response: 36884745
Conc: 1052.08 ng/ml



#12 AR-1232-2

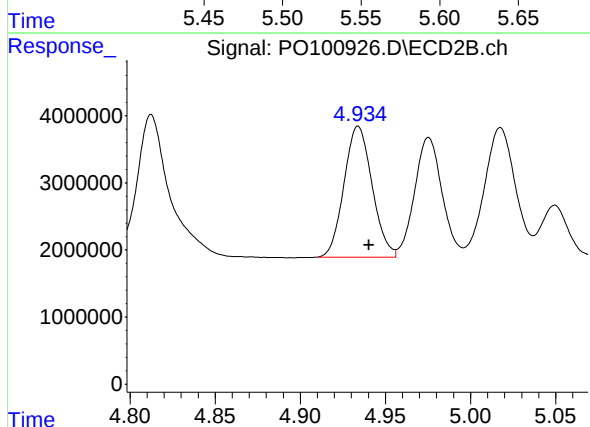
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 41649820
Conc: 998.56 ng/ml



#13 AR-1232-3

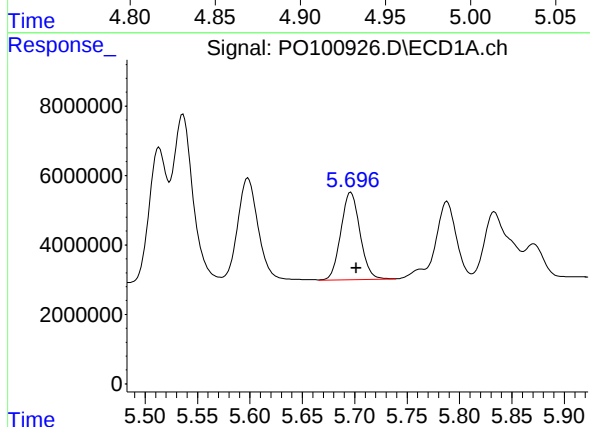
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 64279176
Conc: 1077.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



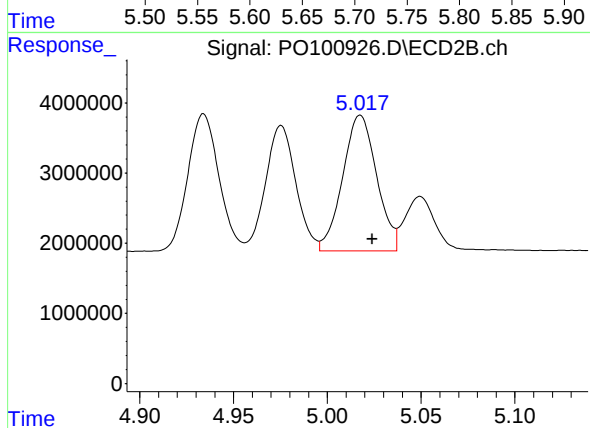
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: 22390536
Conc: 1043.67 ng/ml



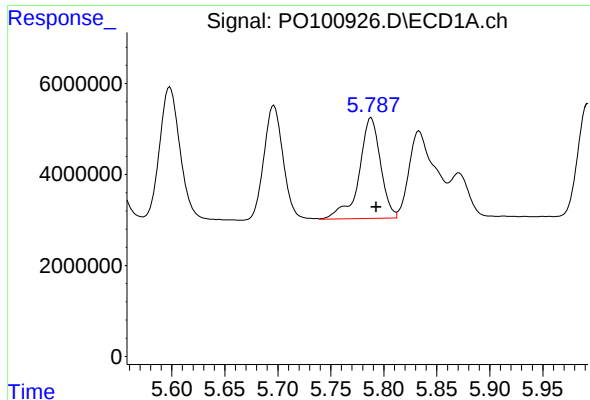
#14 AR-1232-4

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 32058078
Conc: 1169.17 ng/ml



#14 AR-1232-4

R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 24377508
Conc: 1147.34 ng/ml



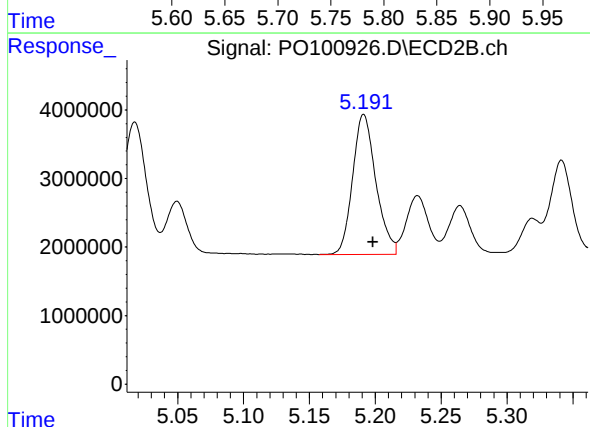
#15 AR-1232-5

R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 31152669
Conc: 1295.71 ng/ml

Instrument :

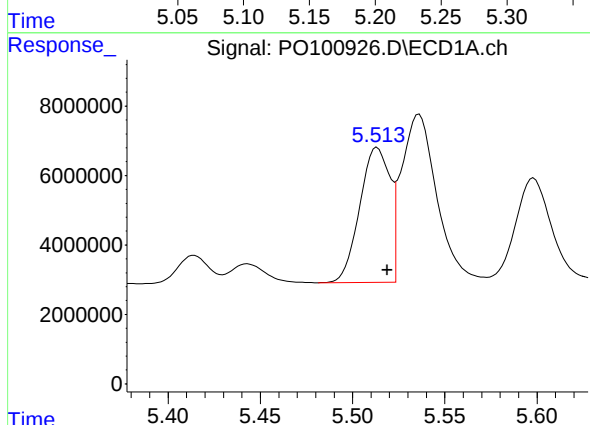
ECD_O

ClientSampleId :



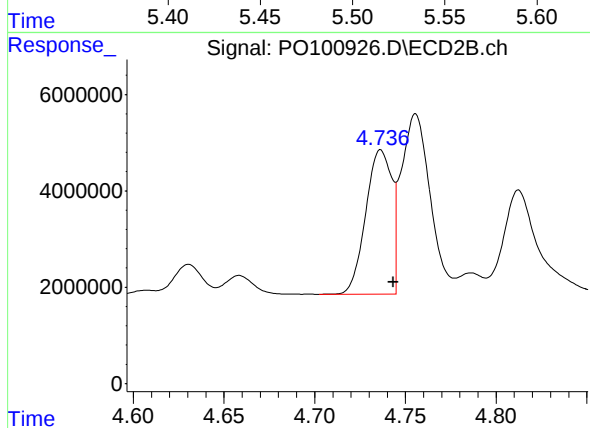
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 25060194
Conc: 1146.73 ng/ml



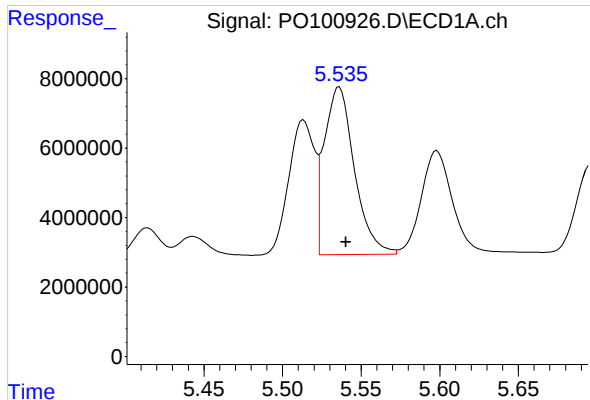
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 44219796
Conc: 626.96 ng/ml



#16 AR-1242-1

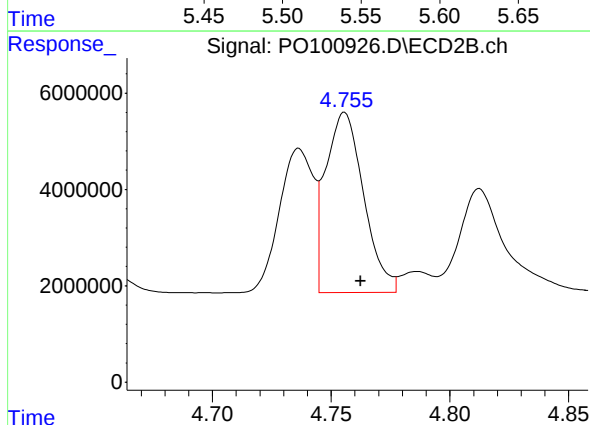
R.T.: 4.736 min
Delta R.T.: -0.007 min
Response: 29884251
Conc: 572.19 ng/ml



#17 AR-1242-2

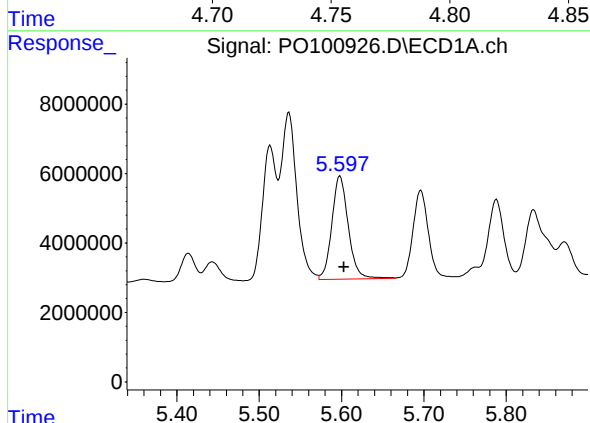
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 64279176
Conc: 612.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



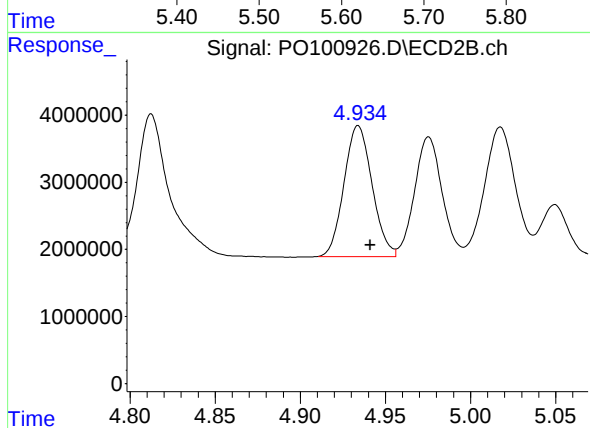
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 41649820
Conc: 574.69 ng/ml



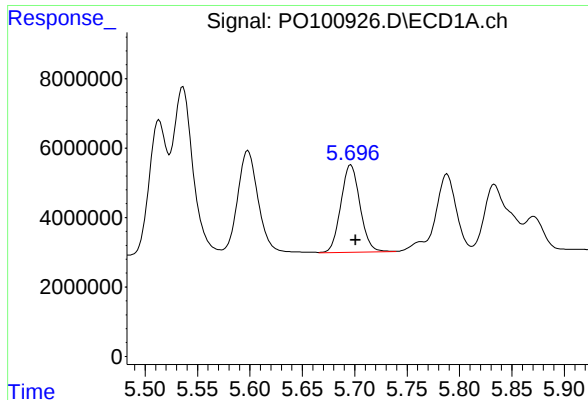
#18 AR-1242-3

R.T.: 5.598 min
Delta R.T.: -0.005 min
Response: 41076812
Conc: 631.91 ng/ml



#18 AR-1242-3

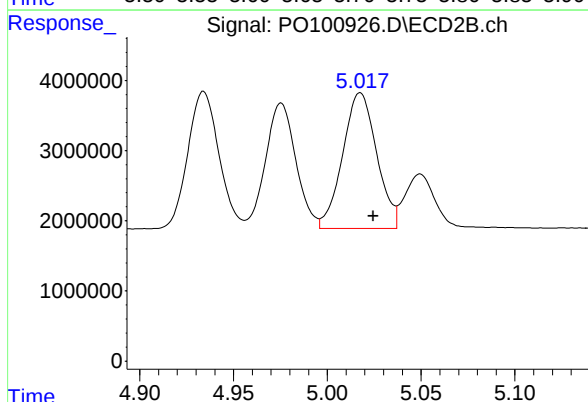
R.T.: 4.934 min
Delta R.T.: -0.007 min
Response: 22390536
Conc: 584.36 ng/ml



#19 AR-1242-4

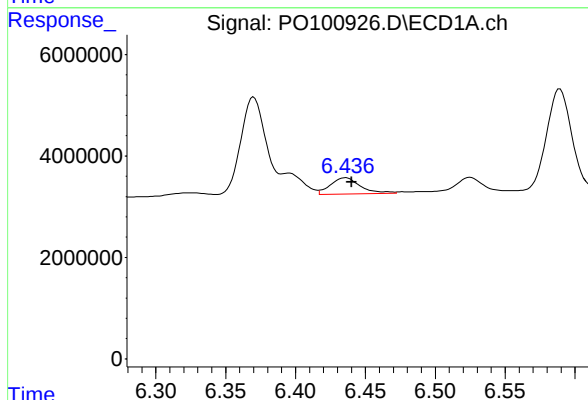
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 32058078
Conc: 640.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



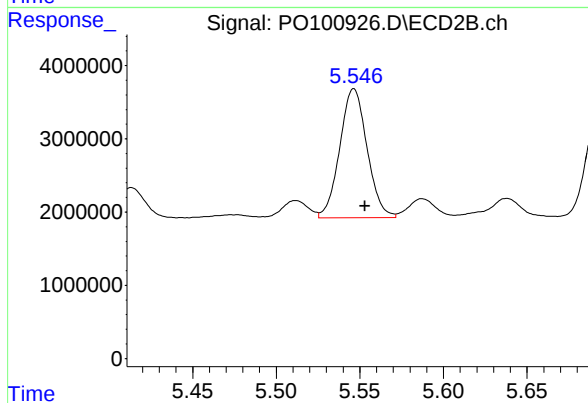
#19 AR-1242-4

R.T.: 5.018 min
Delta R.T.: -0.007 min
Response: 24377508
Conc: 584.85 ng/ml



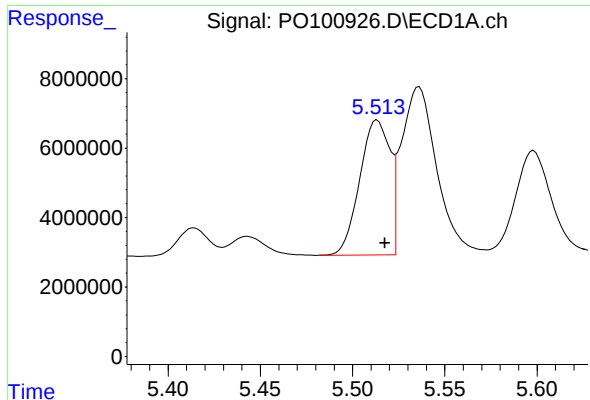
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: -0.004 min
Response: 4748715
Conc: 91.75 ng/ml



#20 AR-1242-5

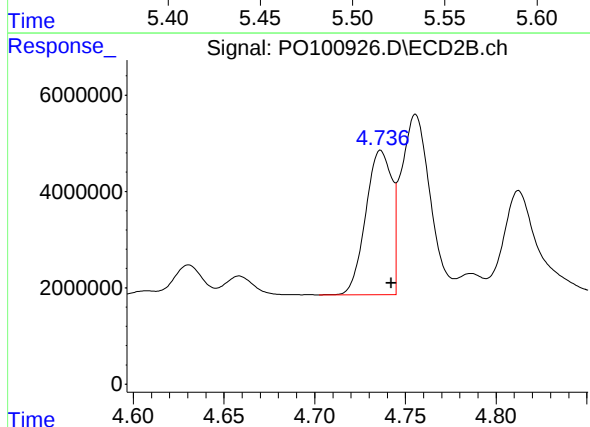
R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 20004553
Conc: 435.88 ng/ml



#21 AR-1248-1

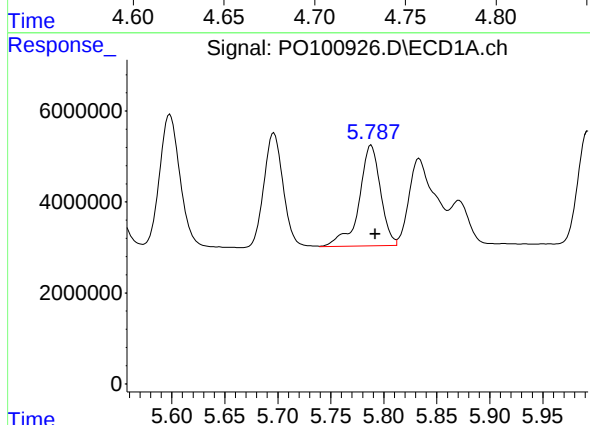
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 44219796
Conc: 806.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



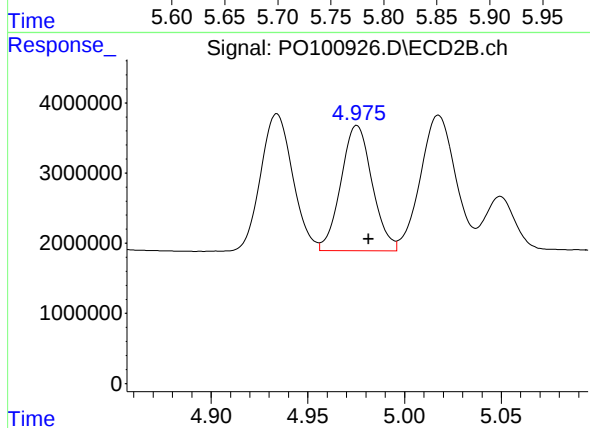
#21 AR-1248-1

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 29884251
Conc: 747.32 ng/ml



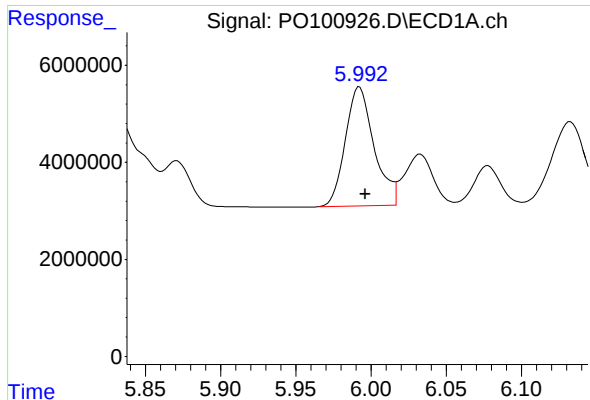
#22 AR-1248-2

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 31152669
Conc: 360.70 ng/ml



#22 AR-1248-2

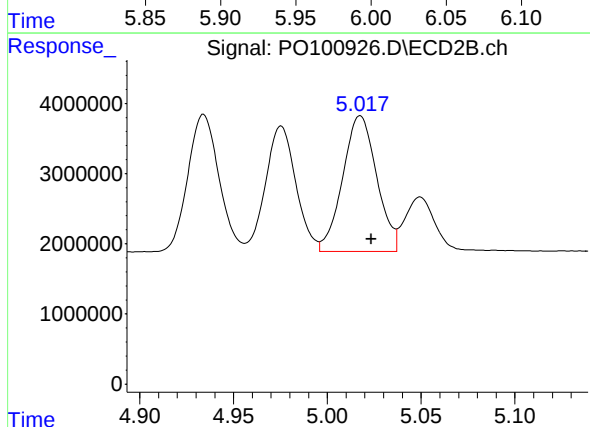
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 20055620
Conc: 333.36 ng/ml



#23 AR-1248-3

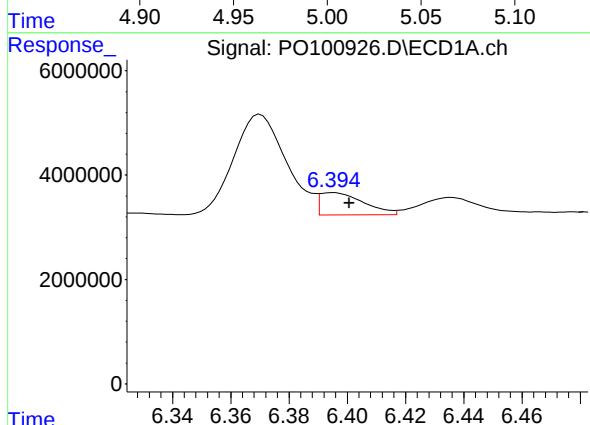
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 32581618
Conc: 371.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



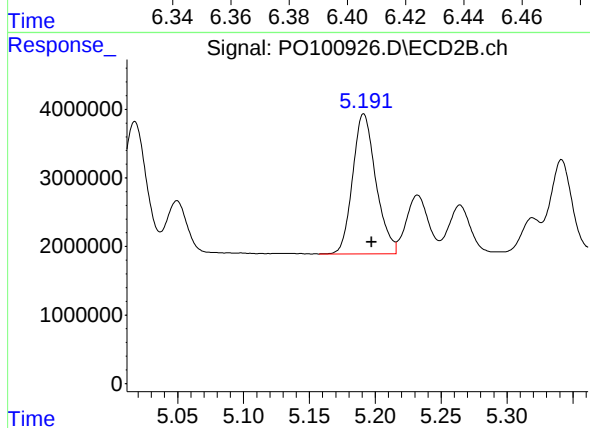
#23 AR-1248-3

R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 24377508
Conc: 389.98 ng/ml



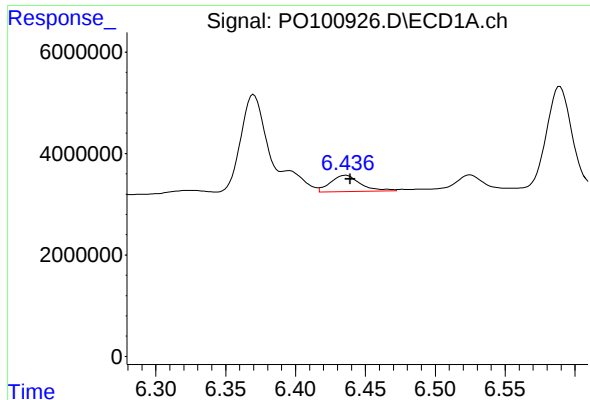
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 4457227
Conc: 49.58 ng/ml



#24 AR-1248-4

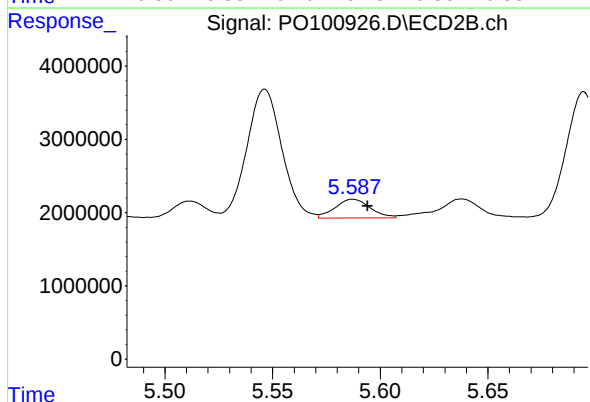
R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 25060194
Conc: 347.91 ng/ml



#25 AR-1248-5

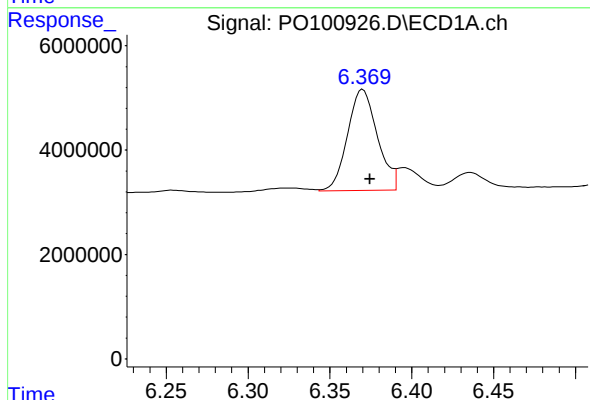
R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 4748715
Conc: 52.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



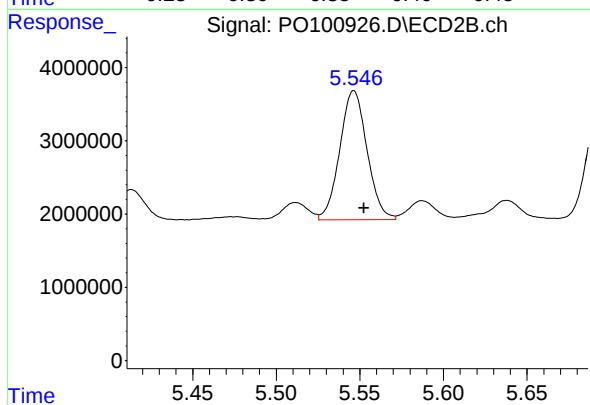
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.007 min
Response: 2915641
Conc: 47.26 ng/ml



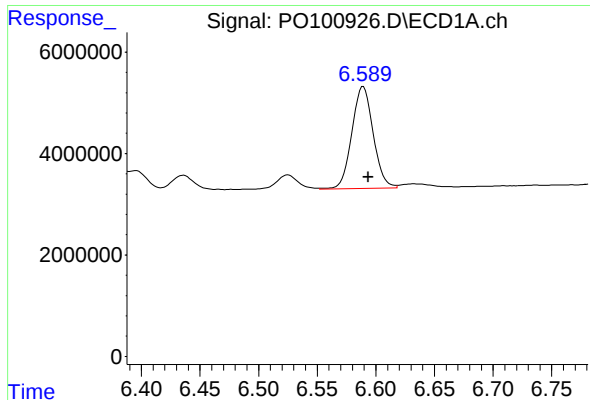
#26 AR-1254-1

R.T.: 6.370 min
Delta R.T.: -0.004 min
Response: 24684673
Conc: 234.83 ng/ml



#26 AR-1254-1

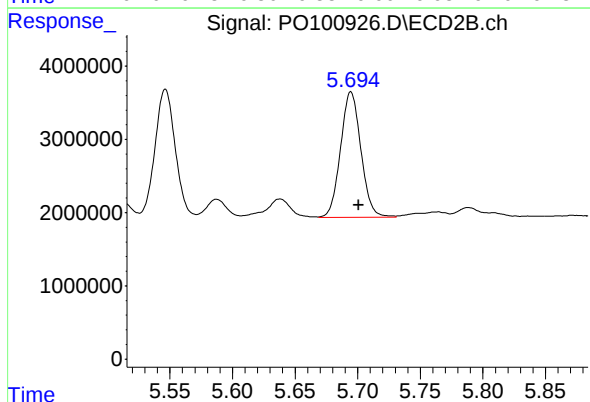
R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 20004553
Conc: 194.92 ng/ml



#27 AR-1254-2

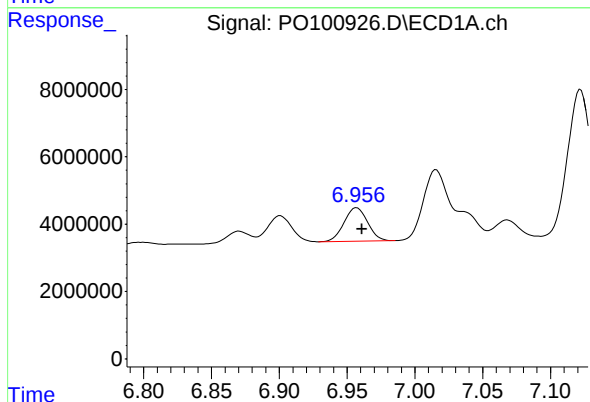
R.T.: 6.589 min
Delta R.T.: -0.004 min
Response: 25488674
Conc: 172.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



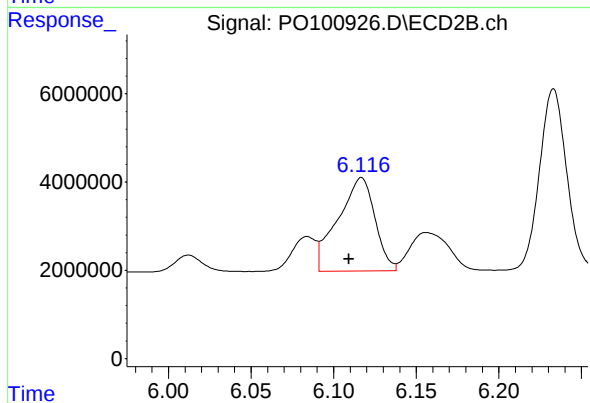
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 19414912
Conc: 211.33 ng/ml



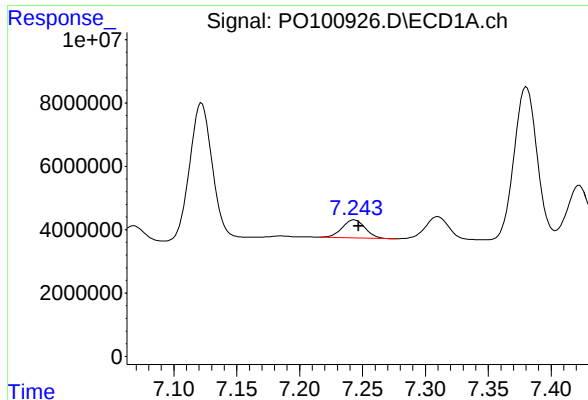
#28 AR-1254-3

R.T.: 6.957 min
Delta R.T.: -0.004 min
Response: 12101566
Conc: 86.42 ng/ml



#28 AR-1254-3

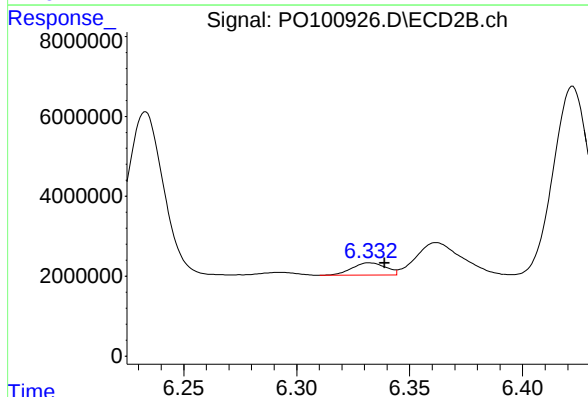
R.T.: 6.117 min
Delta R.T.: 0.008 min
Response: 32983501
Conc: 243.89 ng/ml



#29 AR-1254-4

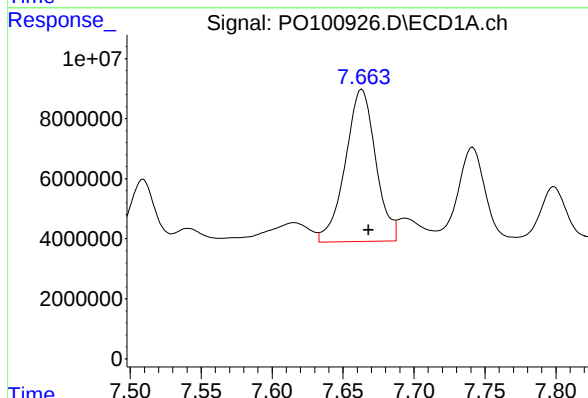
R.T.: 7.243 min
Delta R.T.: -0.004 min
Response: 7185449
Conc: 84.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



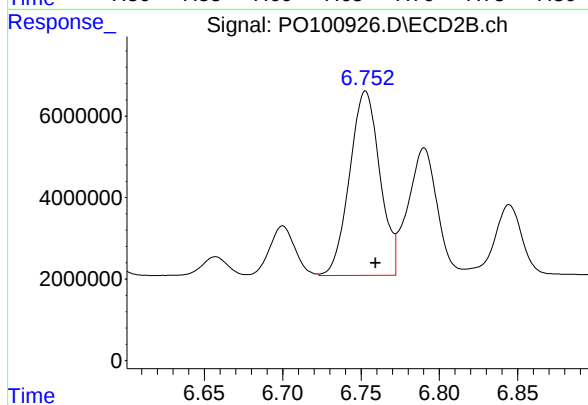
#29 AR-1254-4

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 3240221
Conc: 44.92 ng/ml



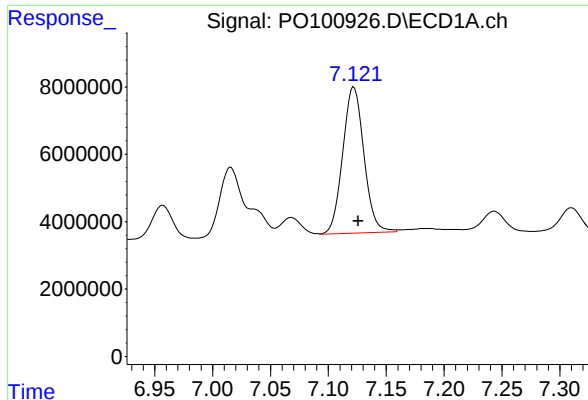
#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 75540934
Conc: 638.41 ng/ml



#30 AR-1254-5

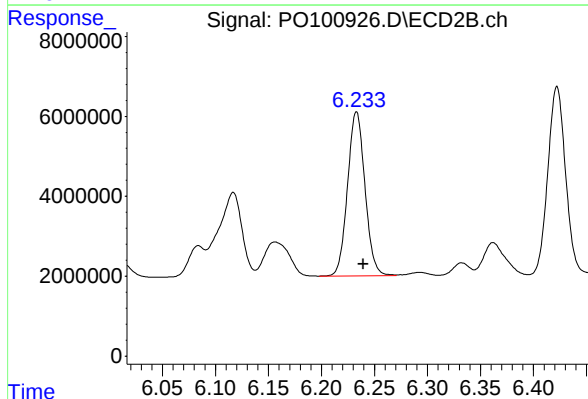
R.T.: 6.753 min
Delta R.T.: -0.007 min
Response: 60991114
Conc: 529.33 ng/ml



#31 AR-1260-1

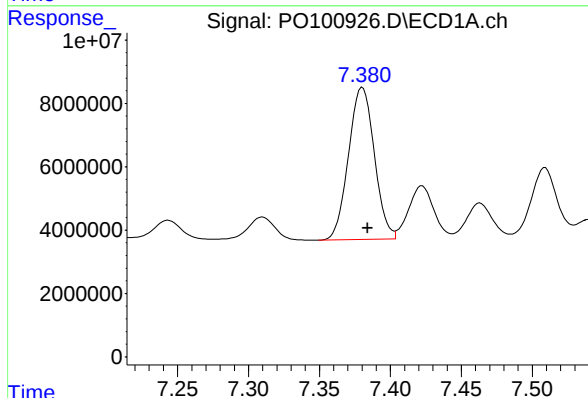
R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 54908117
Conc: 400.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



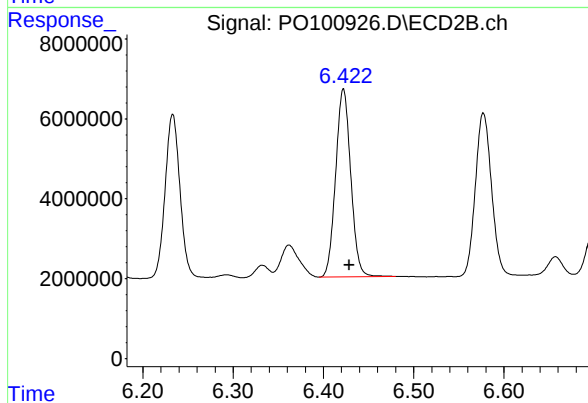
#31 AR-1260-1

R.T.: 6.233 min
Delta R.T.: -0.006 min
Response: 47038458
Conc: 493.82 ng/ml



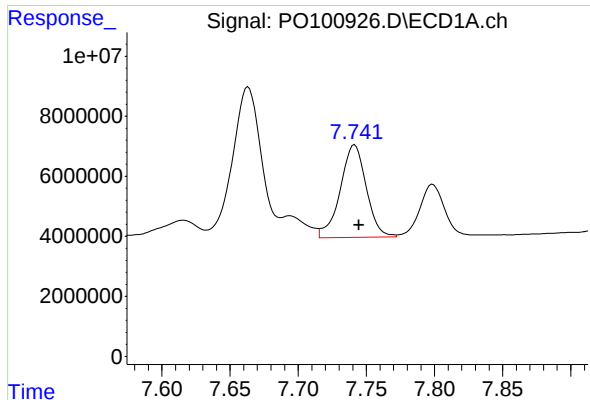
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 60820857
Conc: 483.59 ng/ml



#32 AR-1260-2

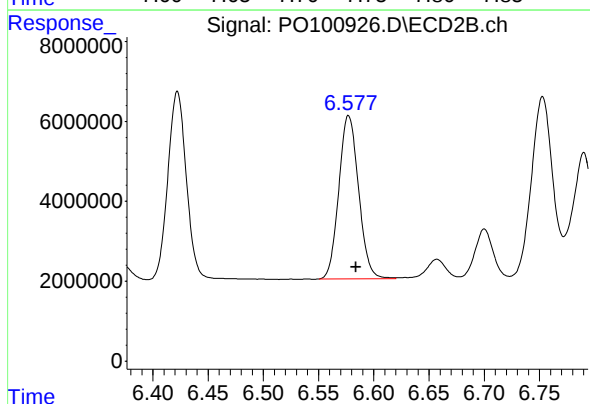
R.T.: 6.422 min
Delta R.T.: -0.006 min
Response: 54780427
Conc: 509.66 ng/ml



#33 AR-1260-3

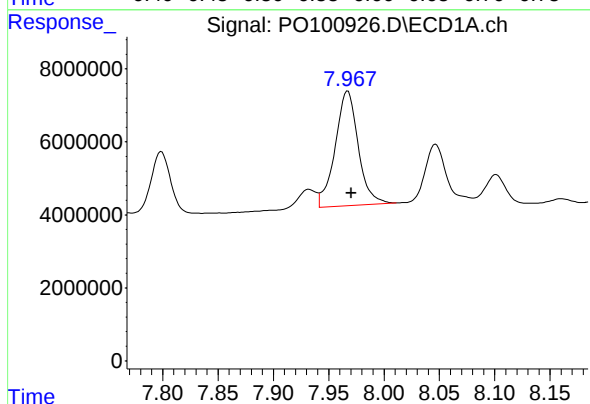
R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 41108283
Conc: 424.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



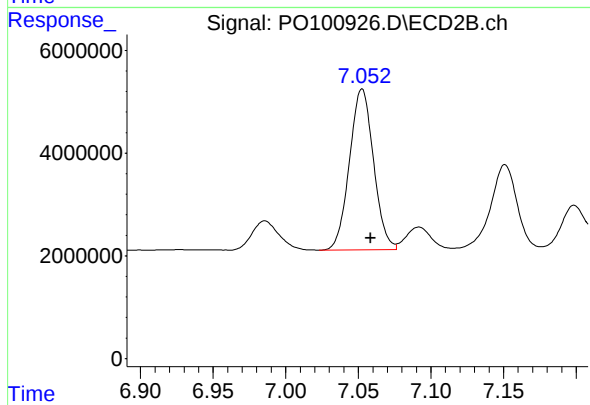
#33 AR-1260-3

R.T.: 6.577 min
Delta R.T.: -0.007 min
Response: 50904978
Conc: 496.65 ng/ml



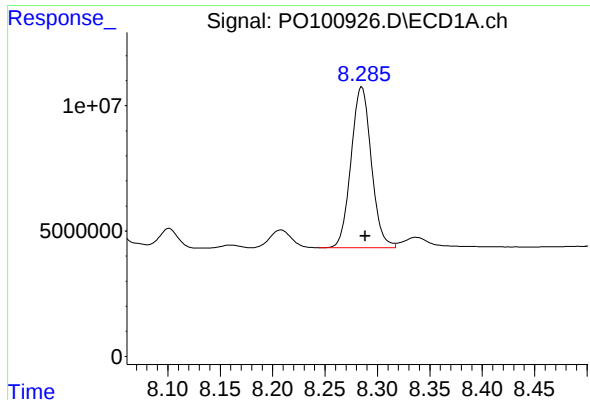
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: -0.003 min
Response: 45900033
Conc: 434.96 ng/ml



#34 AR-1260-4

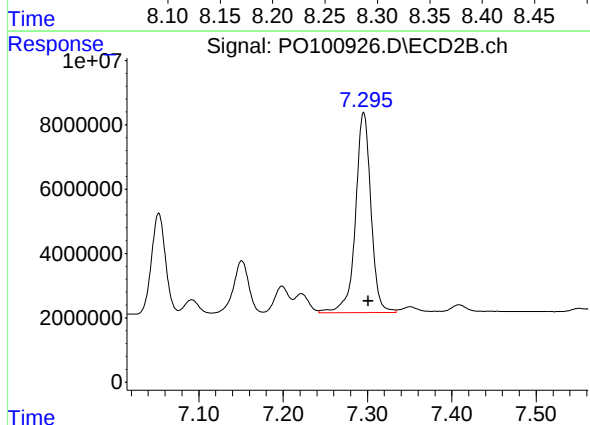
R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 36160646
Conc: 443.54 ng/ml



#35 AR-1260-5

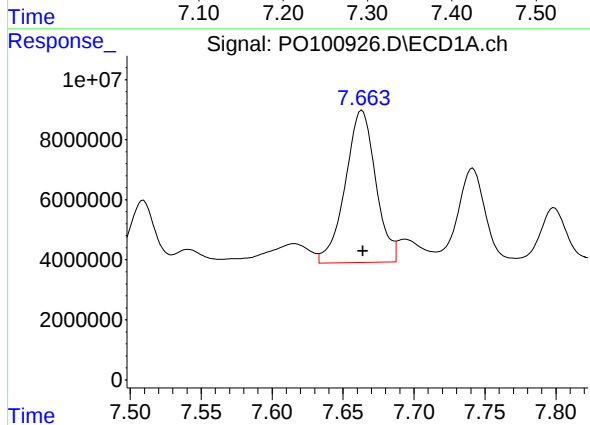
R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 86470196
Conc: 409.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



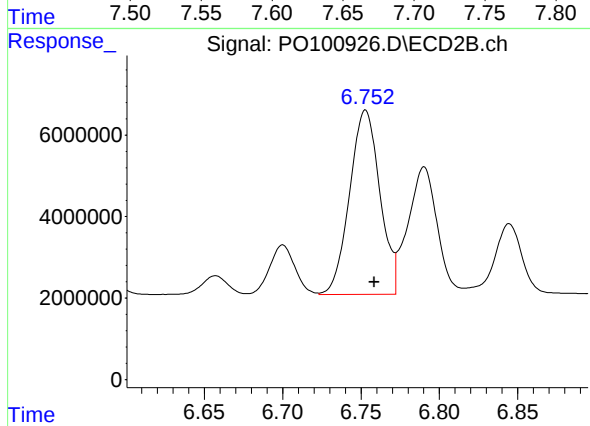
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 79405972
Conc: 439.98 ng/ml



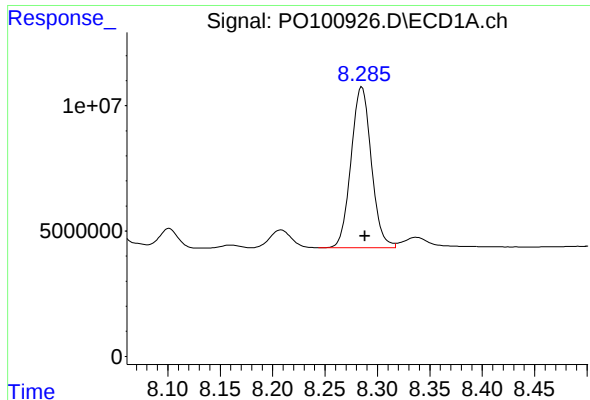
#36 AR-1262-1

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 75540934
Conc: 756.17 ng/ml



#36 AR-1262-1

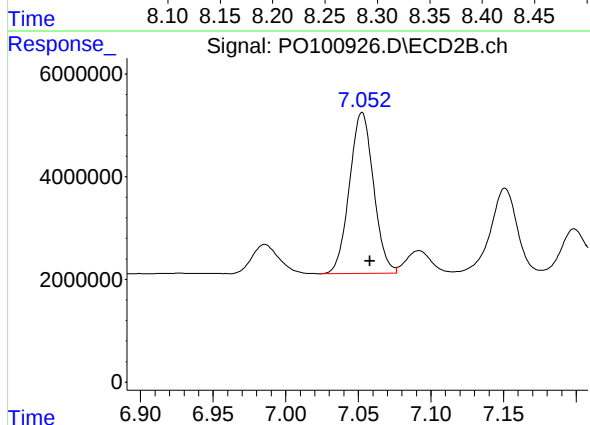
R.T.: 6.753 min
Delta R.T.: -0.006 min
Response: 60991114
Conc: 977.76 ng/ml



#37 AR-1262-2

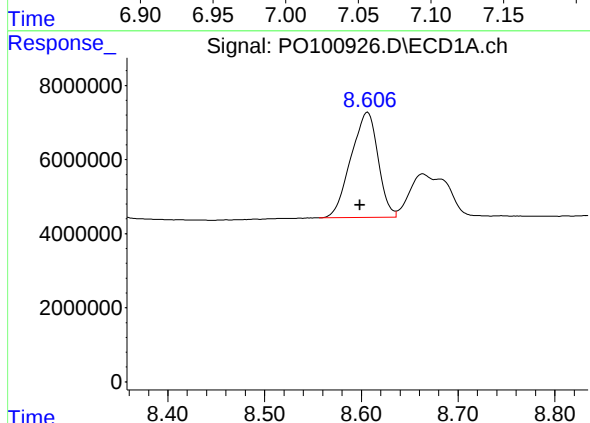
R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 86470196
Conc: 364.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



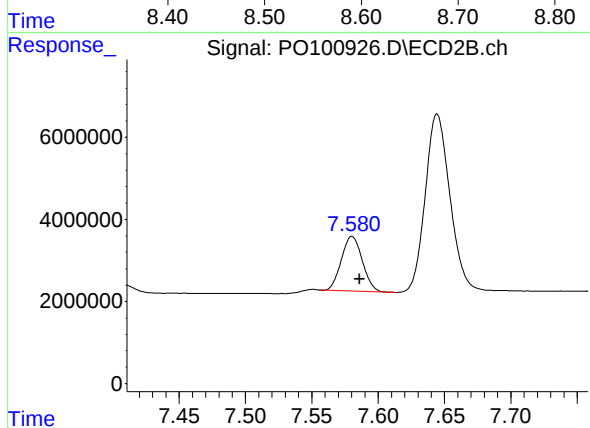
#37 AR-1262-2

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 36160646
Conc: 319.99 ng/ml



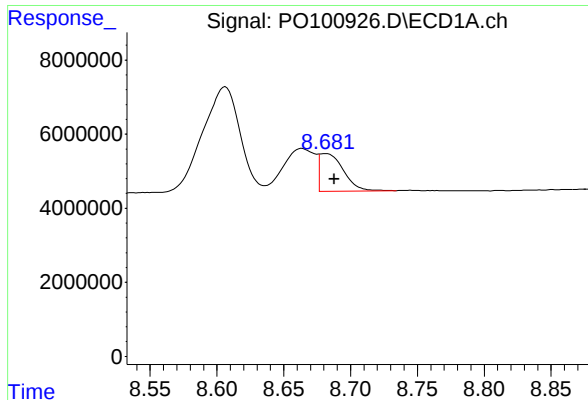
#38 AR-1262-3

R.T.: 8.606 min
Delta R.T.: 0.008 min
Response: 55273951
Conc: 340.35 ng/ml



#38 AR-1262-3

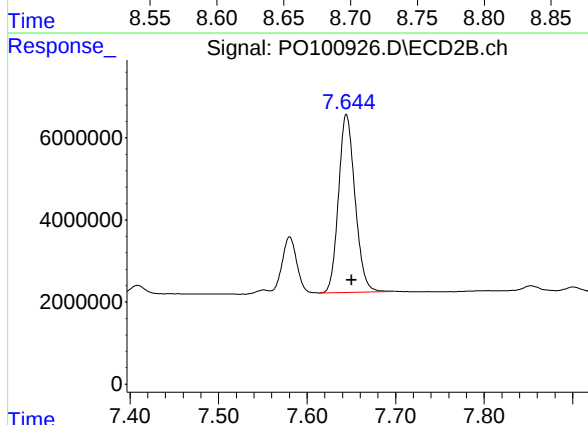
R.T.: 7.580 min
Delta R.T.: -0.006 min
Response: 14593222
Conc: 189.50 ng/ml



#39 AR-1262-4

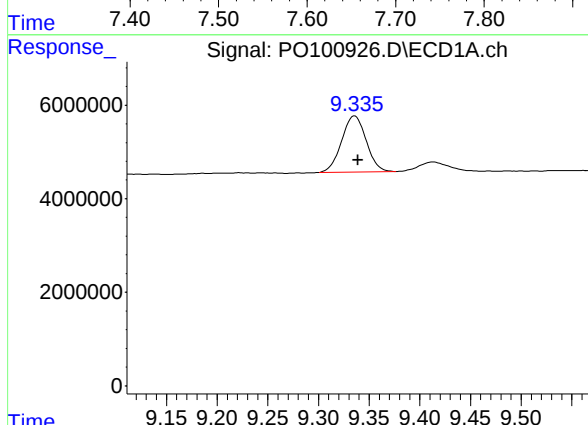
R.T.: 8.681 min
Delta R.T.: -0.006 min
Response: 12641469
Conc: 98.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



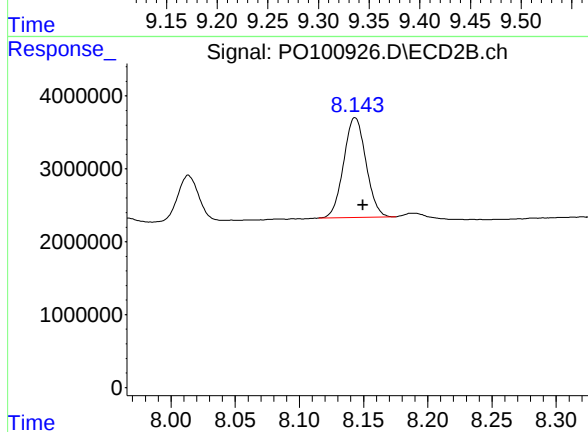
#39 AR-1262-4

R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 56191458
Conc: 380.37 ng/ml



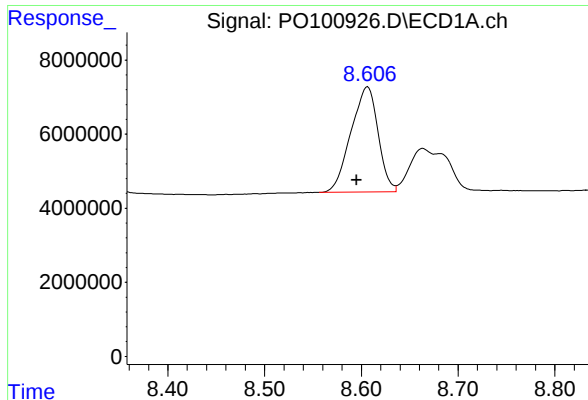
#40 AR-1262-5

R.T.: 9.336 min
Delta R.T.: -0.004 min
Response: 20325269
Conc: 254.77 ng/ml



#40 AR-1262-5

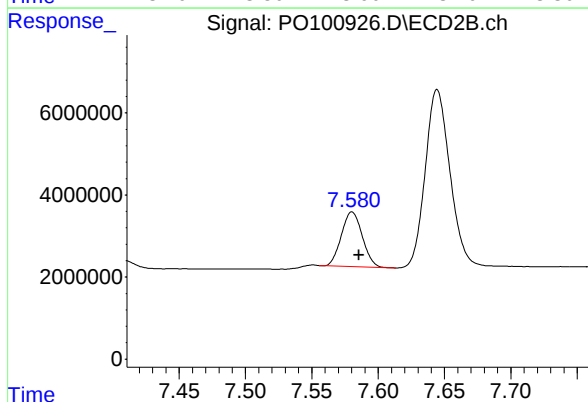
R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 16491492
Conc: 257.87 ng/ml



#41 AR-1268-1

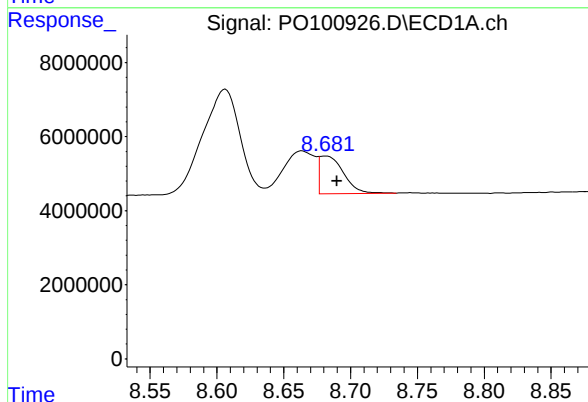
R.T.: 8.606 min
Delta R.T.: 0.012 min
Response: 55273951
Conc: 195.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



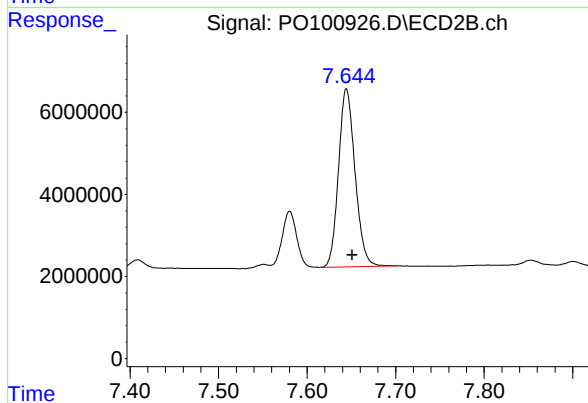
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 14593222
Conc: 65.84 ng/ml



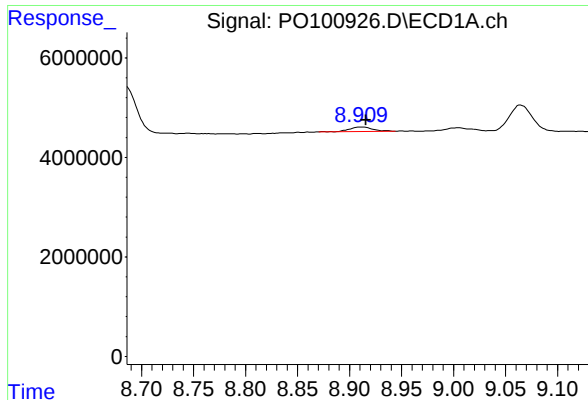
#42 AR-1268-2

R.T.: 8.681 min
Delta R.T.: -0.008 min
Response: 12641469
Conc: 50.02 ng/ml



#42 AR-1268-2

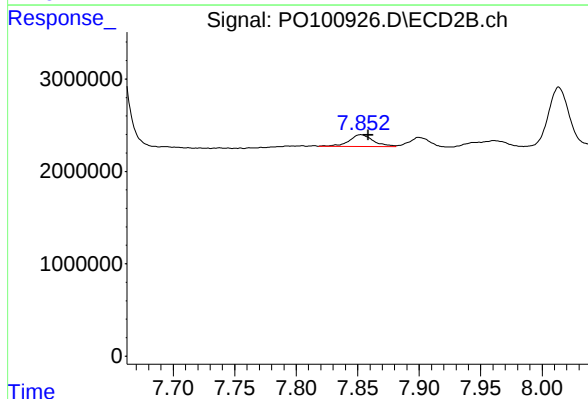
R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 56191458
Conc: 277.82 ng/ml



#43 AR-1268-3

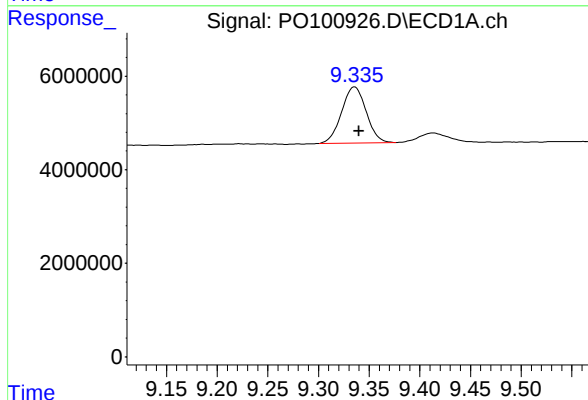
R.T.: 8.910 min
Delta R.T.: -0.006 min
Response: 1449658
Conc: 6.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



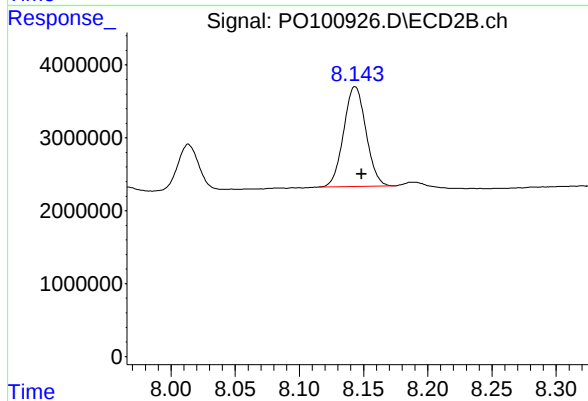
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 1764552
Conc: 9.35 ng/ml



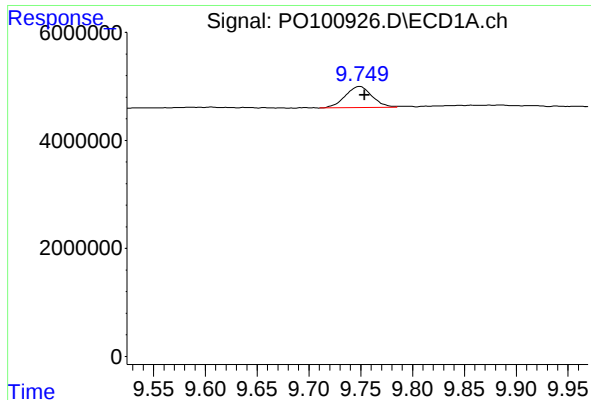
#44 AR-1268-4

R.T.: 9.336 min
Delta R.T.: -0.005 min
Response: 20325269
Conc: 259.58 ng/ml



#44 AR-1268-4

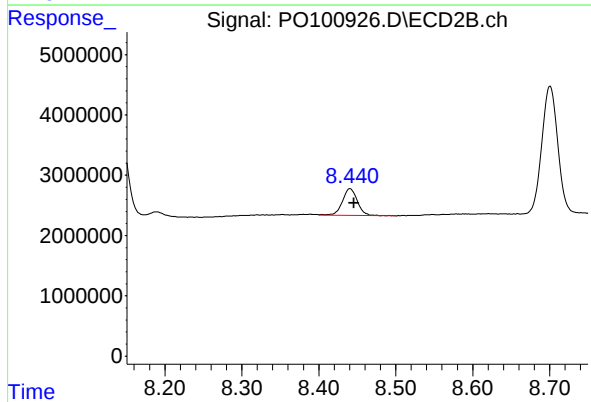
R.T.: 8.143 min
Delta R.T.: -0.005 min
Response: 16491492
Conc: 245.62 ng/ml



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: -0.004 min
Response: 7011836
Conc: 9.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.005 min
Response: 5830757
Conc: 11.24 ng/ml