

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097184.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 09:31
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:14:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.614	183.5E6	69760948	55.427	52.698
2) SA Decachlor...	10.348	8.629	125.2E6	57816889	57.195	49.974
Target Compounds						
3) L1 AR-1016-1	5.596	4.717	45980755	27984948	488.203	631.201 #
4) L1 AR-1016-2	5.618	4.717	66456297	27984948	496.779	457.489
5) L1 AR-1016-3	5.682	4.893	41341203	13834333	475.071	423.477
6) L1 AR-1016-4	5.782	4.935	32784592	11649888	488.081	407.533
7) L1 AR-1016-5	6.084	5.149	34651662	16937263	496.321	440.542
8) L2 AR-1221-1	4.617	3.826	6376667	2364518	156.463	136.228
9) L2 AR-1221-2	4.708	3.913	9198193	3334491	302.773	258.073
10) L2 AR-1221-3	4.785	3.988	29732848	12209906	339.681	307.601
11) L3 AR-1232-1	4.785	3.988	29732848	12209906	407.671	377.465
12) L3 AR-1232-2	5.323	4.717	39676407	27984948	1000.769	969.930
13) L3 AR-1232-3	5.618	4.893	66456297	13834333	1086.373	912.443
14) L3 AR-1232-4	5.782	4.977	32784592	15189224	1074.418	1016.365
15) L3 AR-1232-5	5.876	5.149	30180631	16937263	1078.528	1036.122
16) L4 AR-1242-1	5.596	4.717	45980755	27984948	548.586	709.828 #
17) L4 AR-1242-2	5.618	4.717	66456297	27984948	564.328	513.571
18) L4 AR-1242-3	5.682	4.893	41341203	13834333	559.630	467.873
19) L4 AR-1242-4	5.782	4.977	32784592	15189224	550.721	481.985
20) L4 AR-1242-5	6.536	5.501	31393185	18796496	570.580	515.874
21) L5 AR-1248-1	5.596	4.717	45980755	27984948	784.734	997.236 #
22) L5 AR-1248-2	5.876	4.935	30180631	11649888	321.010	274.885
23) L5 AR-1248-3	6.084	4.977	34651662	15189224	354.279	346.272
24) L5 AR-1248-4	6.497	5.149	30641373	16937263	337.299	331.779
25) L5 AR-1248-5	6.536	5.542	31393185	15977757	356.392	341.757
26) L6 AR-1254-1	6.468	5.501	23312694	18796496	213.309	254.708
27) L6 AR-1254-2	6.699	5.649	27581722	5342461	171.073	81.093 #
28) L6 AR-1254-3	7.072	6.054	11623124	6374486	74.176	63.075
29) L6 AR-1254-4	7.365	6.283	7886292	4843720	78.223	83.693
30) L6 AR-1254-5	7.795	6.702	2211056	1525892	19.704	17.356
31) L7 AR-1260-1	7.241	6.198	1848930	2242716	14.710	31.871 #
32) L7 AR-1260-2	7.503	6.373	2429482	822820	18.032	9.858 #
33) L7 AR-1260-3	7.873	6.524	556596	605432	5.364	7.840 #
34) L7 AR-1260-4	8.093	7.037	1581014	504019	14.141	7.865 #
35) L7 AR-1260-5	8.433	7.273	191202	173767	0.911	1.253 #
36) L8 AR-1262-1	7.873	6.810	556596	206445	3.747	5.244 #
37) L8 AR-1262-2	8.433	7.037	191202	504019	0.826	6.214 #
38) L8 AR-1262-3	8.728	7.506	10250	113953	0.061	1.776 #
39) L8 AR-1262-4	8.857	7.592	81668	609525	1.120	5.366 #
40) L8 AR-1262-5	9.545	0.000	410957	0	4.935	N.D. #
41) L9 AR-1268-1	8.728	7.506	10250	113953	0.033	0.615 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 09:31
 Operator : YP/AJ
 Sample : AR1242CCC500
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Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Aug 18 01:14:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

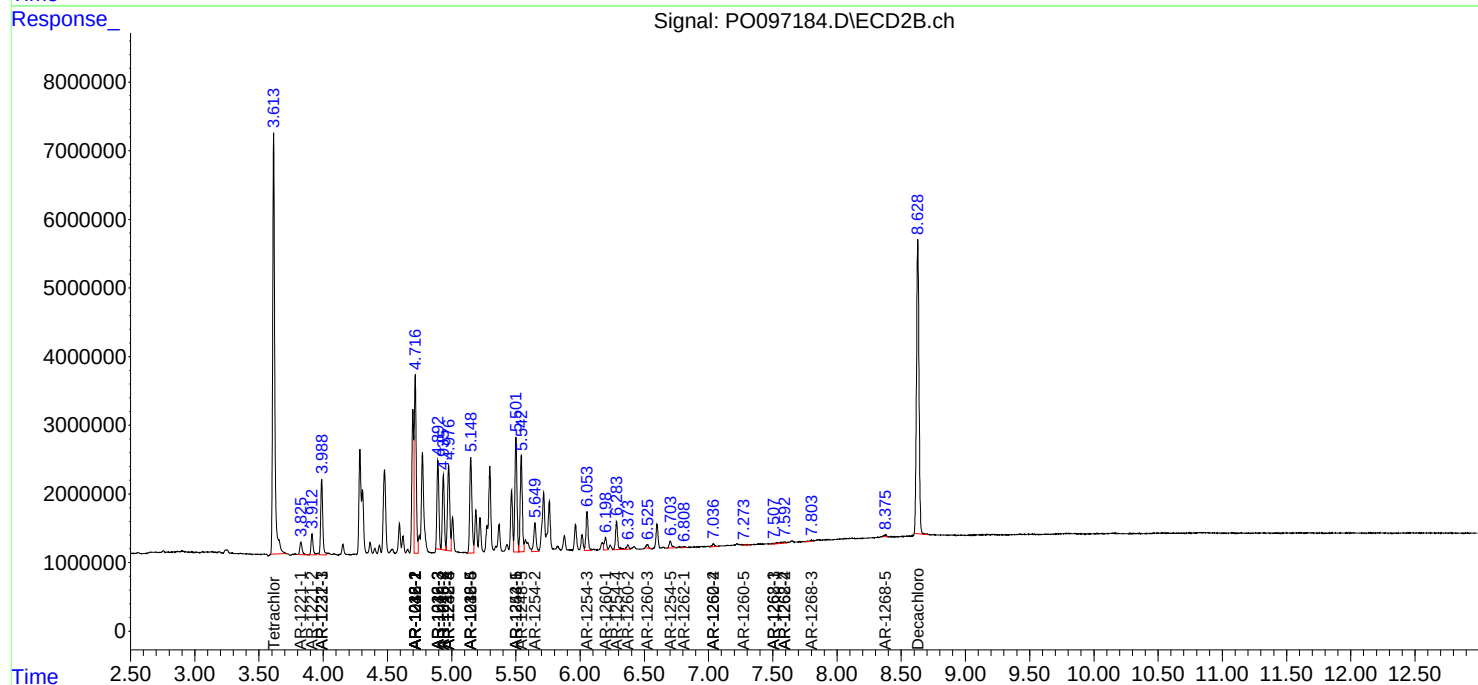
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

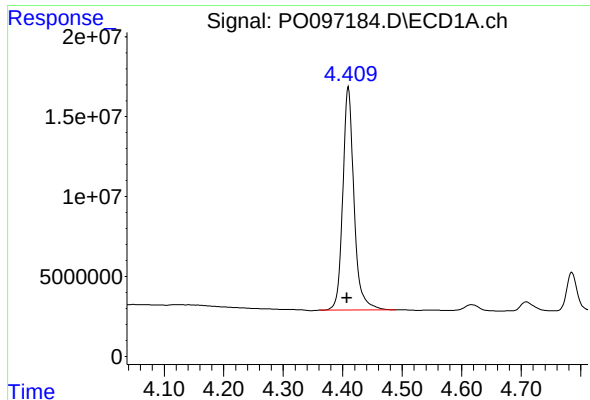
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.857	7.592	81668	609525	0.298	3.635 #
43) L9	AR-1268-3	9.103	7.799	1346505	282413	5.272	1.955 #
44) L9	AR-1268-4	9.545	0.000	410957	0	4.433	N.D. #
45) L9	AR-1268-5	9.990	8.376	766810	335402	0.949	0.806

(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

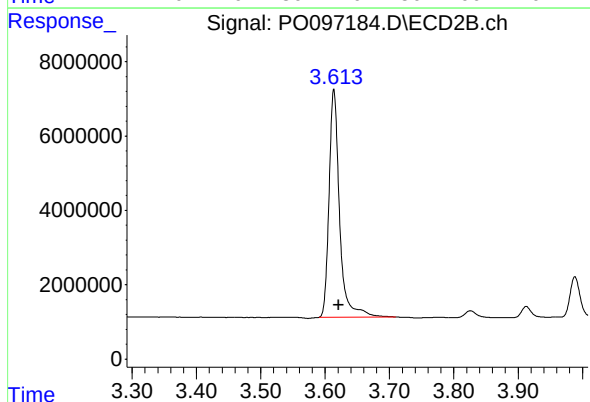




#1 Tetrachloro-m-xylene

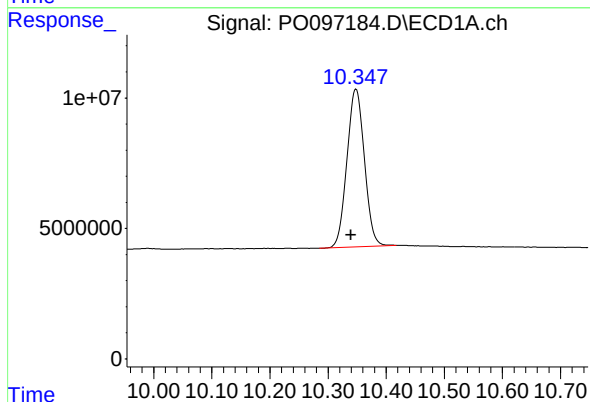
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 183472962
Conc: 55.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



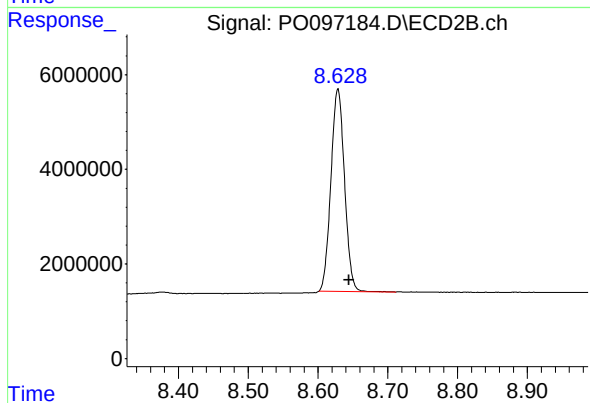
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 69760948
Conc: 52.70 ng/ml



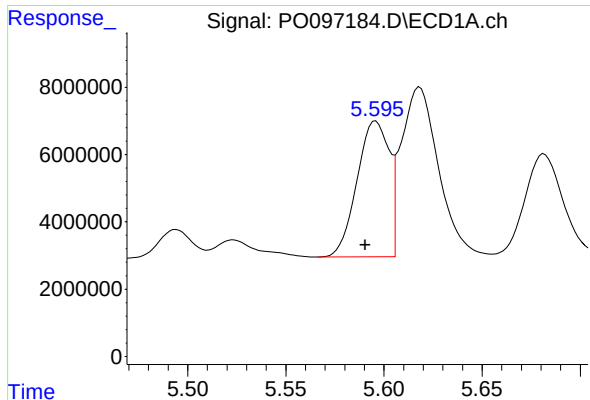
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.009 min
Response: 125153603
Conc: 57.20 ng/ml



#2 Decachlorobiphenyl

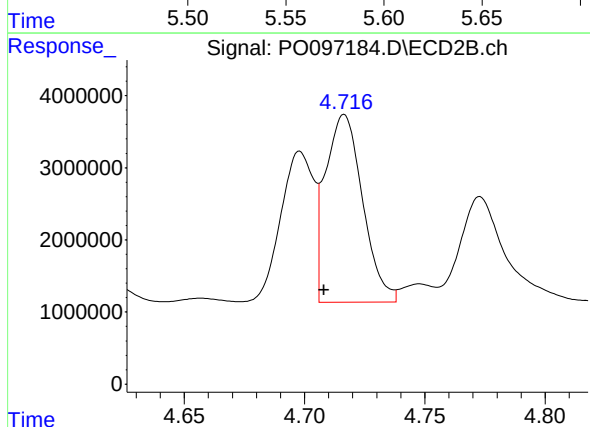
R.T.: 8.629 min
Delta R.T.: -0.016 min
Response: 57816889
Conc: 49.97 ng/ml



#3 AR-1016-1

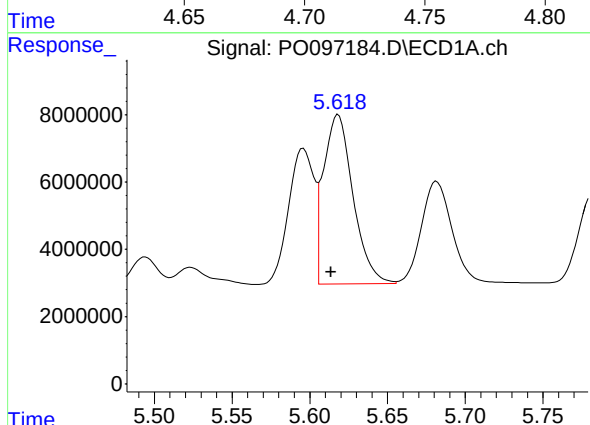
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 45980755
Conc: 488.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



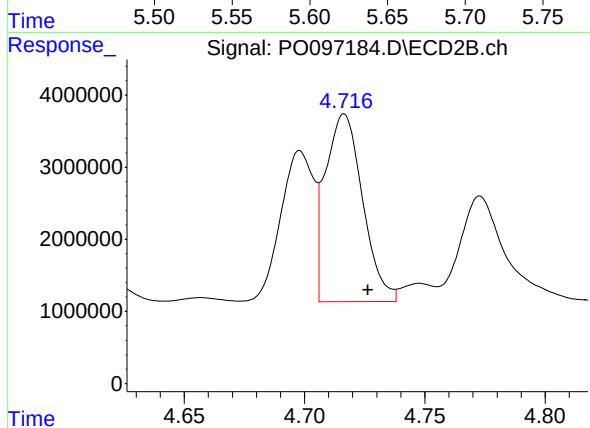
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.008 min
Response: 27984948
Conc: 631.20 ng/ml



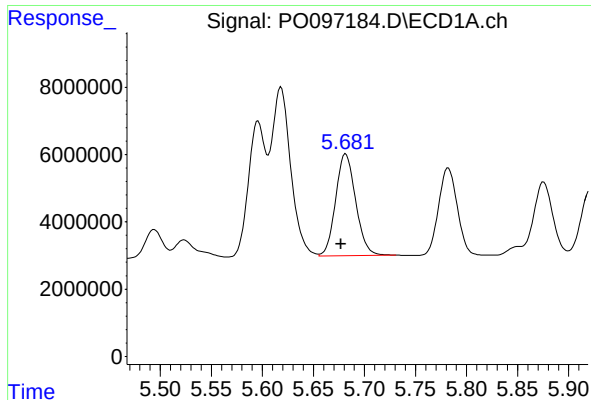
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 66456297
Conc: 496.78 ng/ml



#4 AR-1016-2

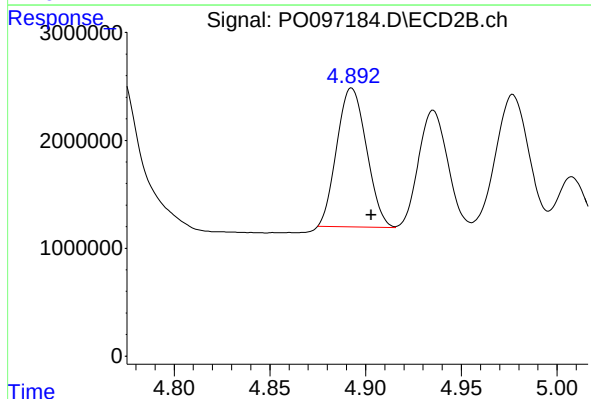
R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 27984948
Conc: 457.49 ng/ml



#5 AR-1016-3

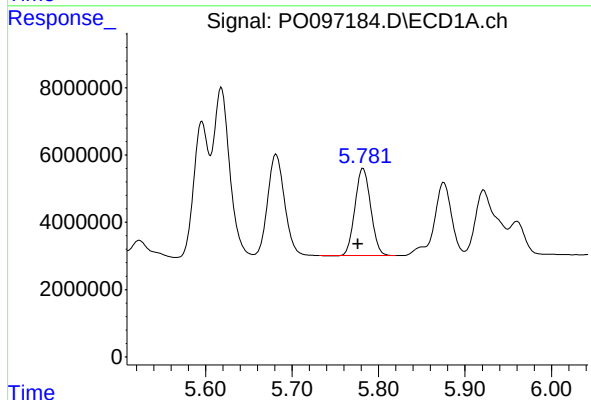
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 41341203
Conc: 475.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



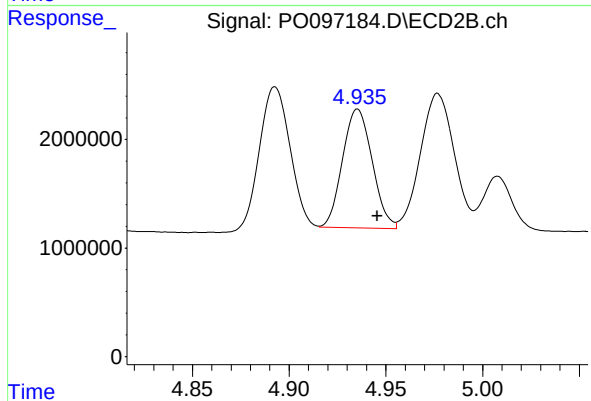
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 13834333
Conc: 423.48 ng/ml



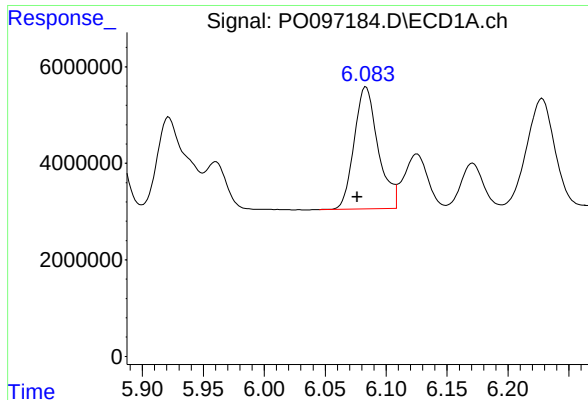
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 32784592
Conc: 488.08 ng/ml



#6 AR-1016-4

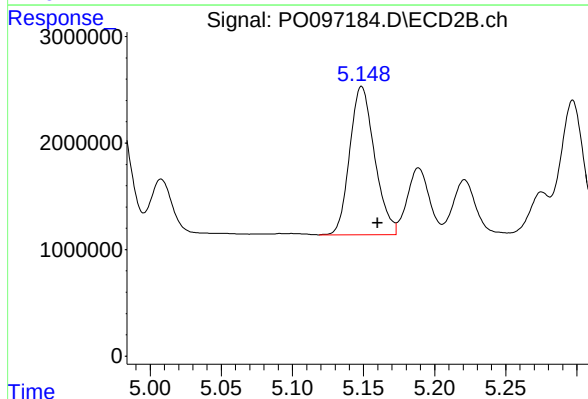
R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 11649888
Conc: 407.53 ng/ml



#7 AR-1016-5

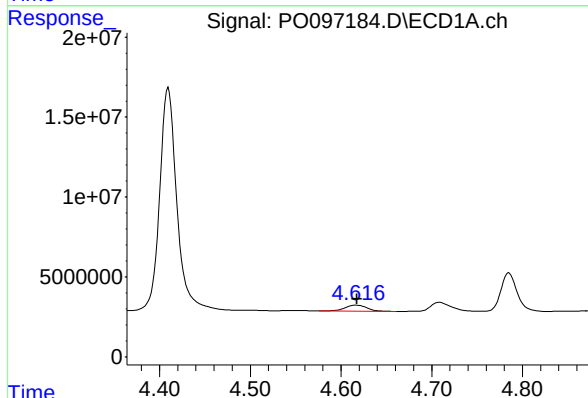
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 34651662
Conc: 496.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



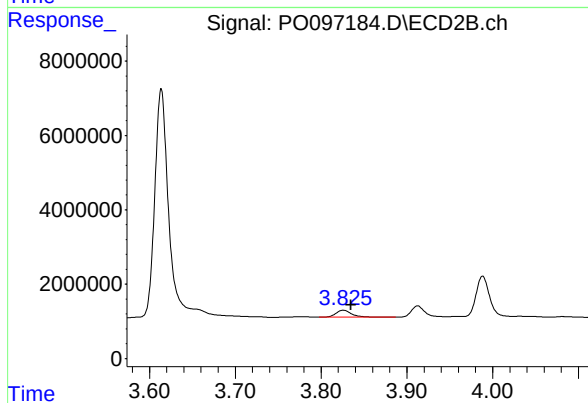
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 16937263
Conc: 440.54 ng/ml



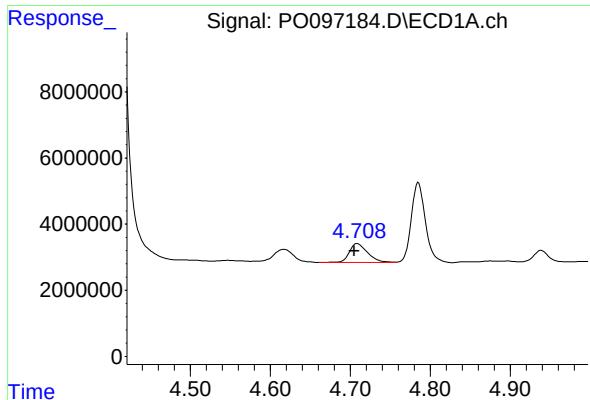
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 6376667
Conc: 156.46 ng/ml



#8 AR-1221-1

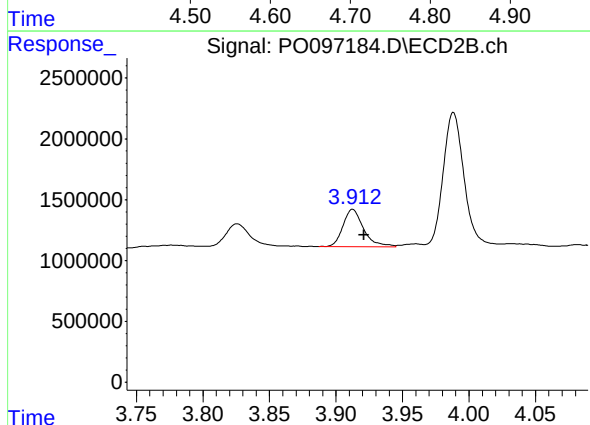
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 2364518
Conc: 136.23 ng/ml



#9 AR-1221-2

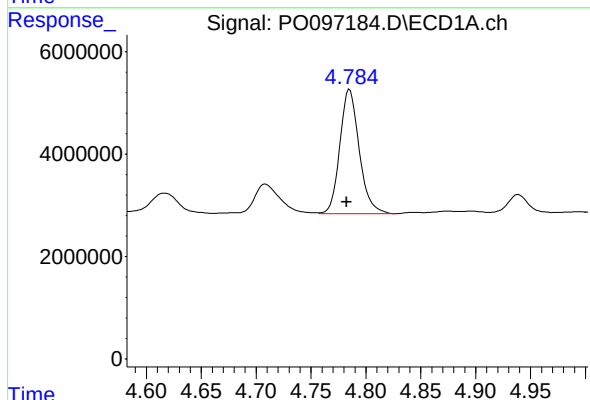
R.T.: 4.708 min
Delta R.T.: 0.004 min
Response: 9198193
Conc: 302.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



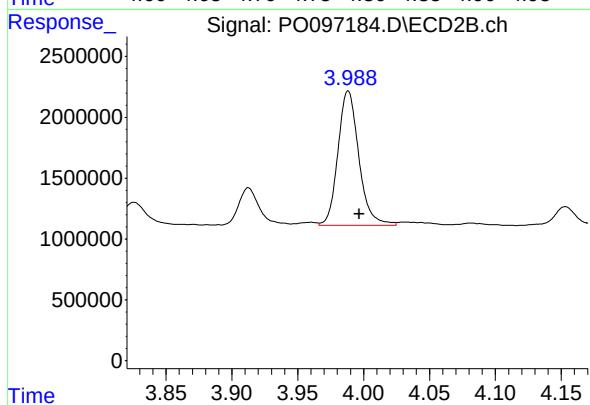
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.008 min
Response: 3334491
Conc: 258.07 ng/ml



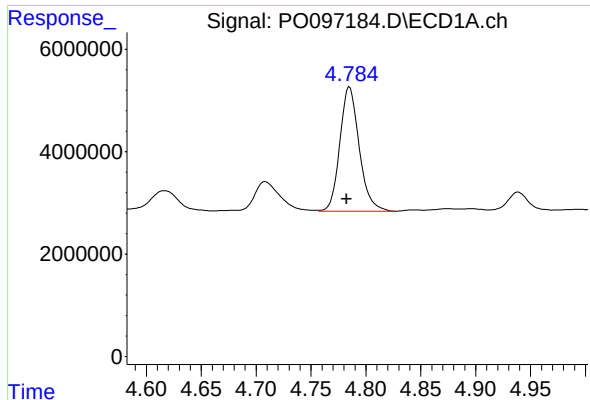
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 29732848
Conc: 339.68 ng/ml



#10 AR-1221-3

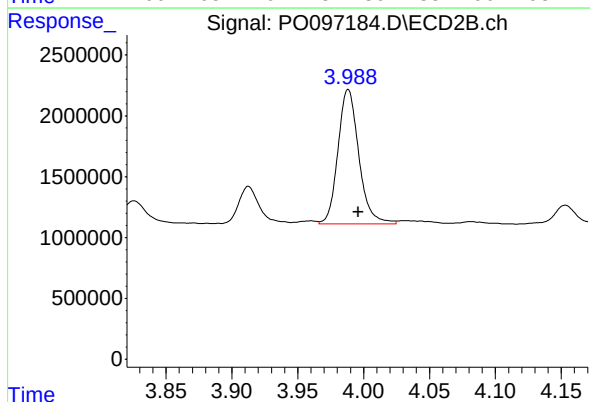
R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 12209906
Conc: 307.60 ng/ml



#11 AR-1232-1

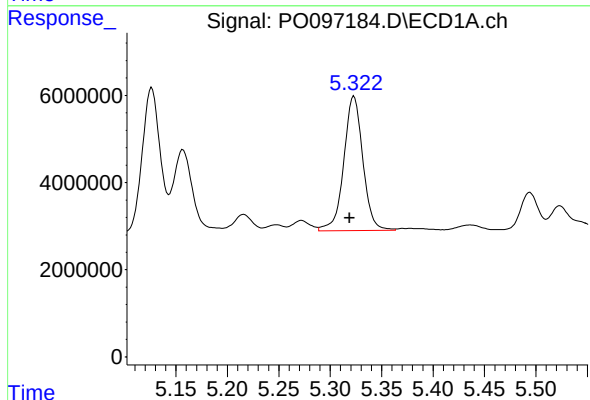
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 29732848
Conc: 407.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



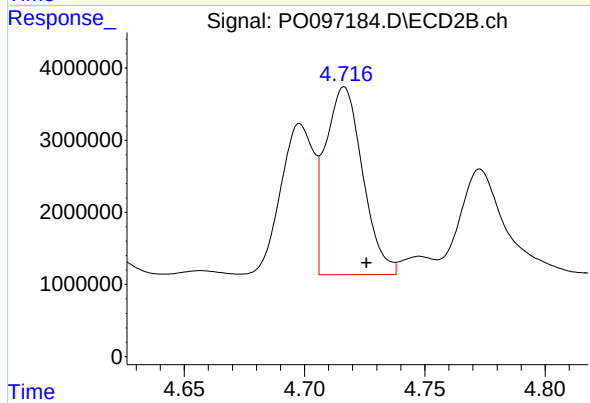
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 12209906
Conc: 377.47 ng/ml



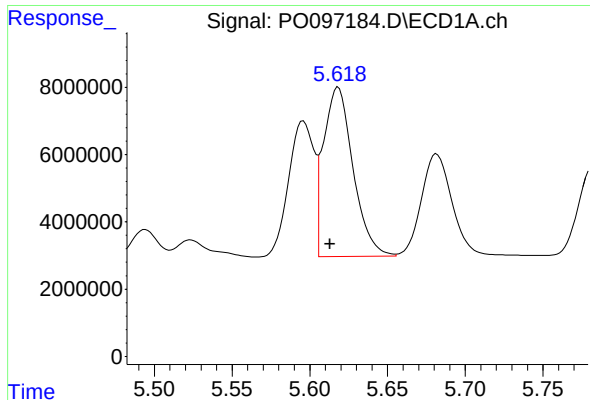
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 39676407
Conc: 1000.77 ng/ml



#12 AR-1232-2

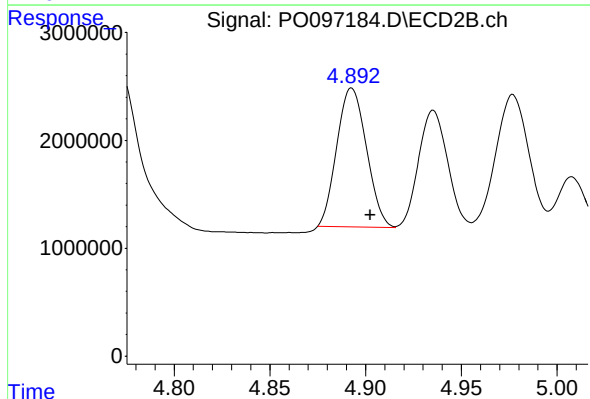
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 27984948
Conc: 969.93 ng/ml



#13 AR-1232-3

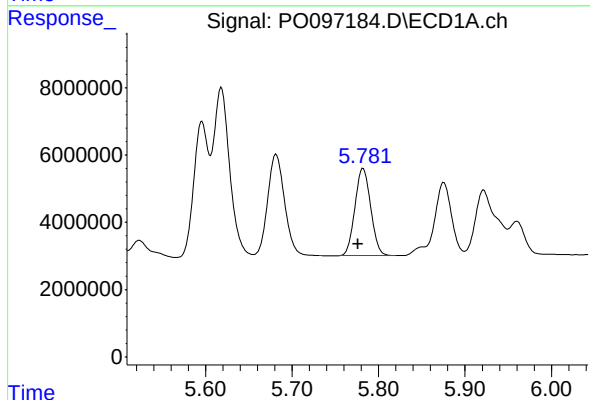
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 66456297
Conc: 1086.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



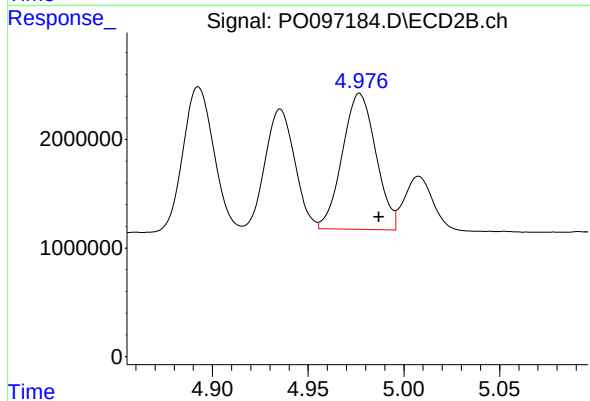
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 13834333
Conc: 912.44 ng/ml



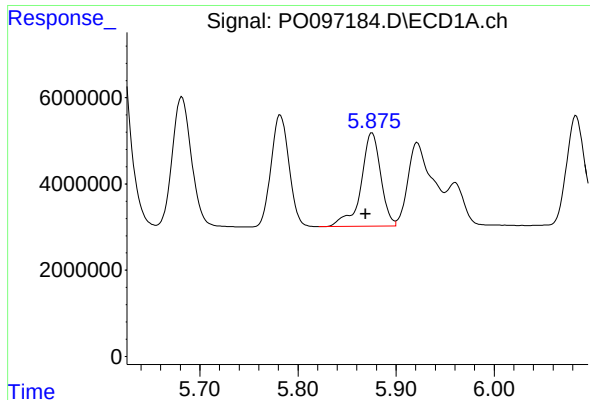
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 32784592
Conc: 1074.42 ng/ml



#14 AR-1232-4

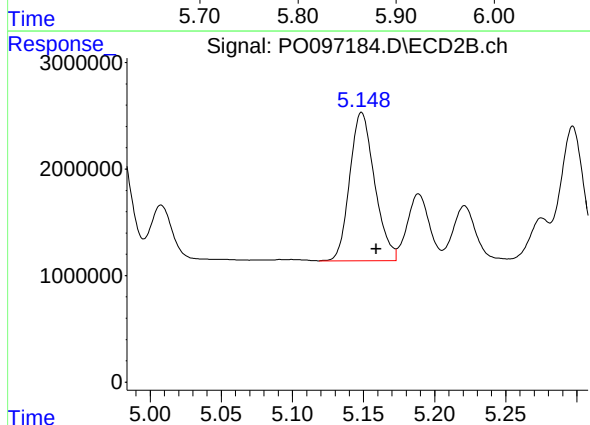
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 15189224
Conc: 1016.36 ng/ml



#15 AR-1232-5

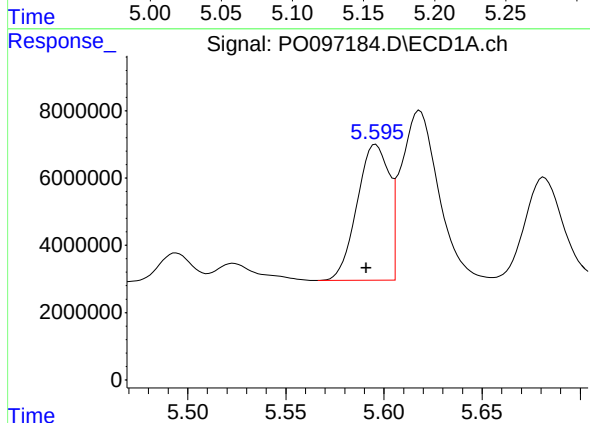
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 30180631
Conc: 1078.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



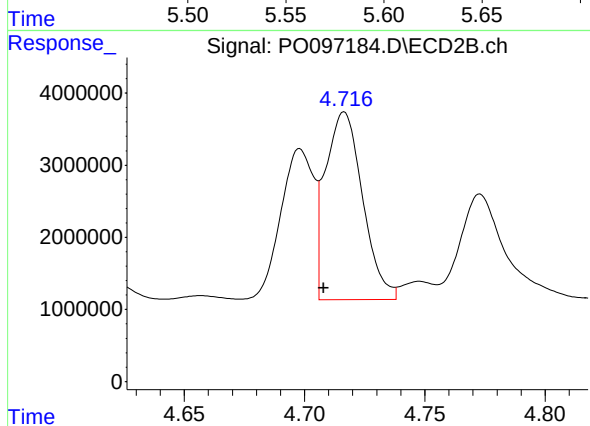
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 16937263
Conc: 1036.12 ng/ml



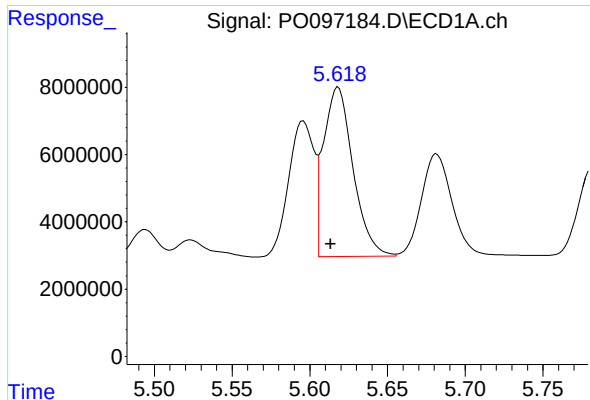
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 45980755
Conc: 548.59 ng/ml



#16 AR-1242-1

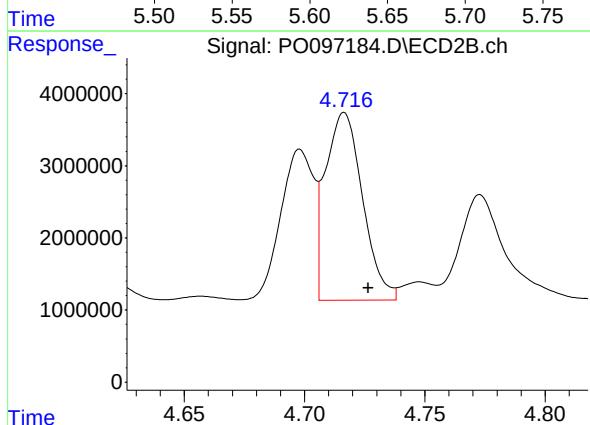
R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 27984948
Conc: 709.83 ng/ml



#17 AR-1242-2

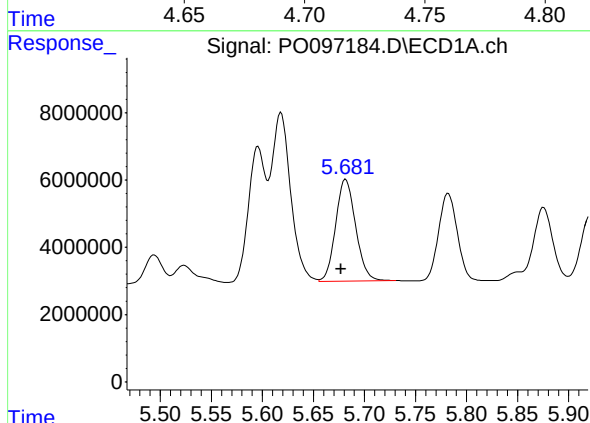
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 66456297
Conc: 564.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



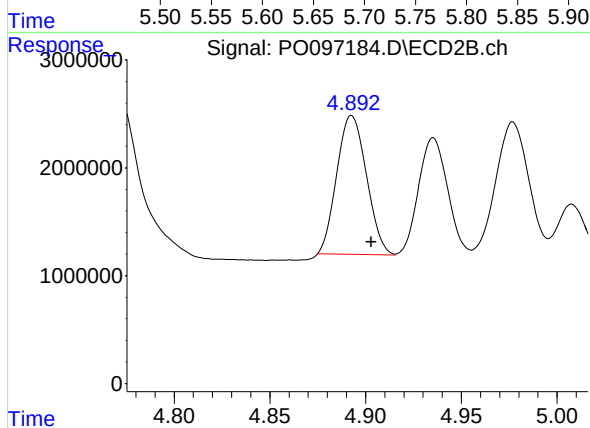
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 27984948
Conc: 513.57 ng/ml



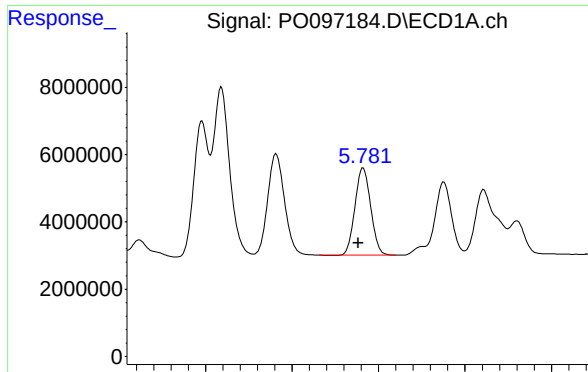
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 41341203
Conc: 559.63 ng/ml



#18 AR-1242-3

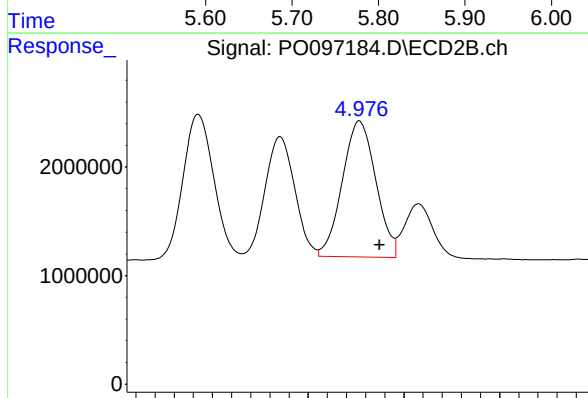
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 13834333
Conc: 467.87 ng/ml



#19 AR-1242-4

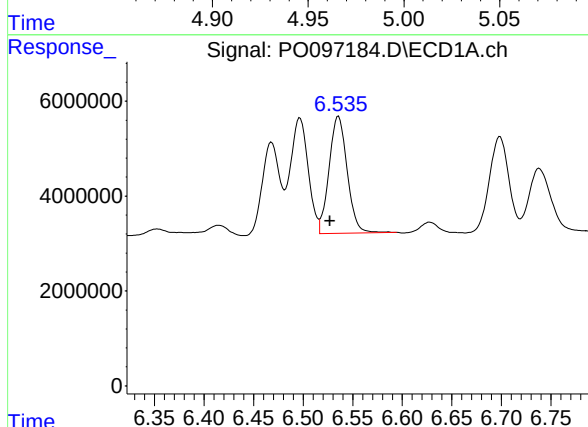
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 32784592
Conc: 550.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



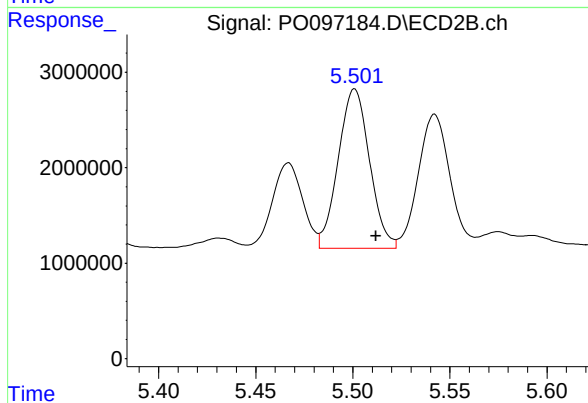
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 15189224
Conc: 481.99 ng/ml



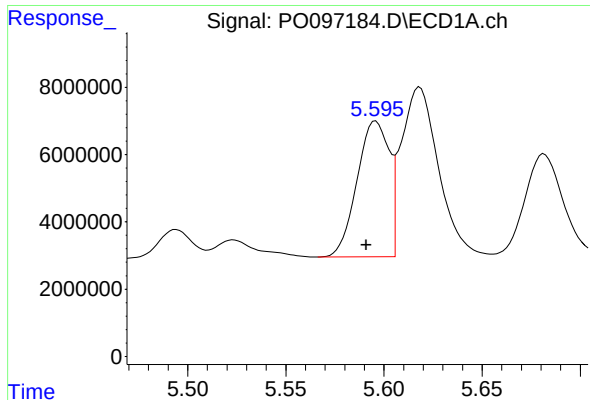
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 31393185
Conc: 570.58 ng/ml



#20 AR-1242-5

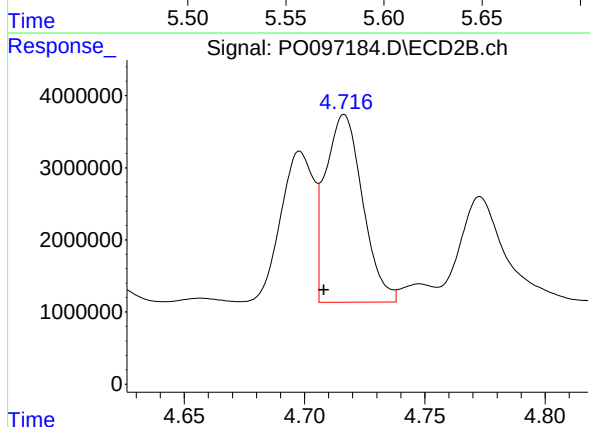
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 18796496
Conc: 515.87 ng/ml



#21 AR-1248-1

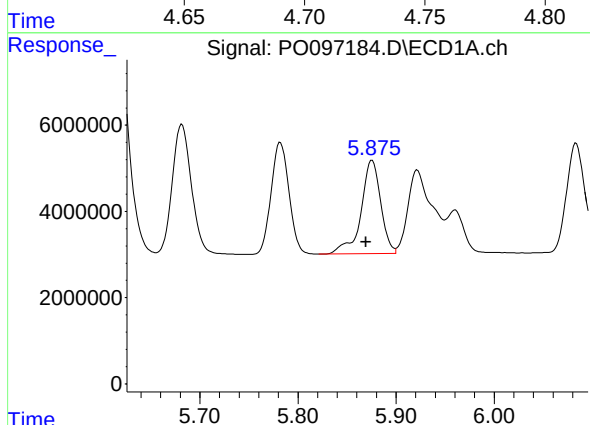
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 45980755
Conc: 784.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



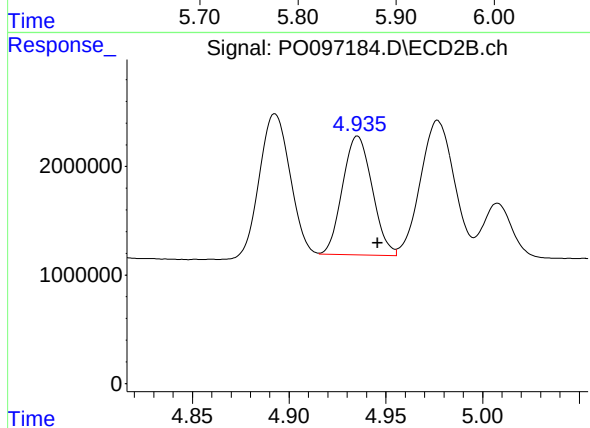
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 27984948
Conc: 997.24 ng/ml



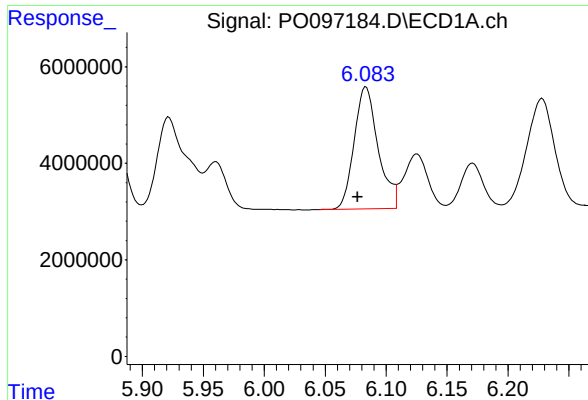
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 30180631
Conc: 321.01 ng/ml



#22 AR-1248-2

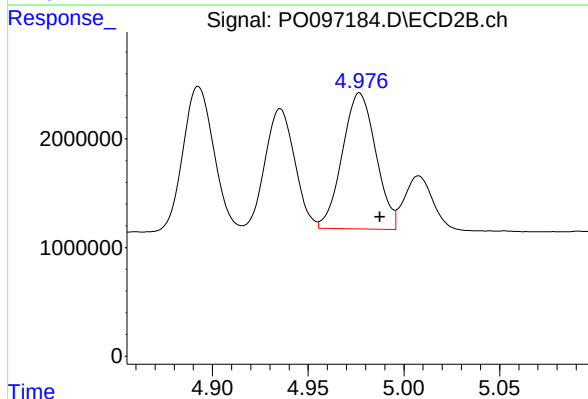
R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 11649888
Conc: 274.88 ng/ml



#23 AR-1248-3

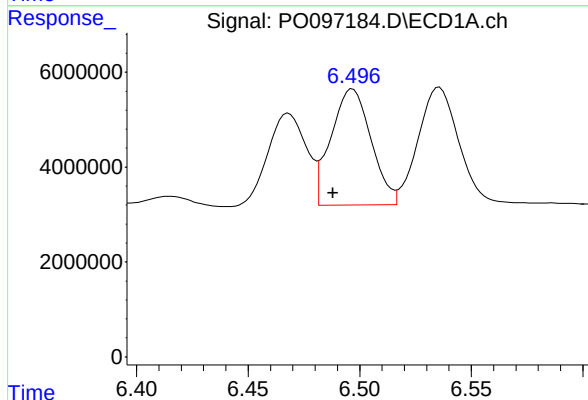
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 34651662
Conc: 354.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



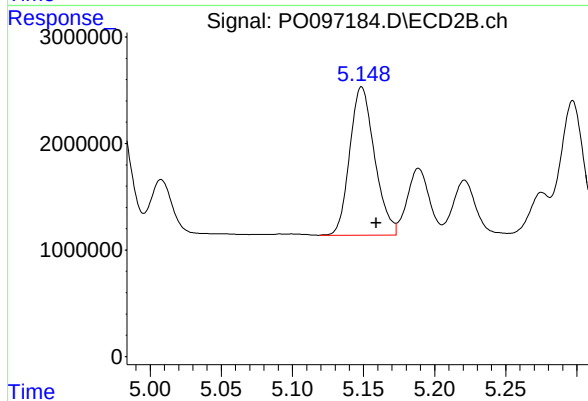
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 15189224
Conc: 346.27 ng/ml



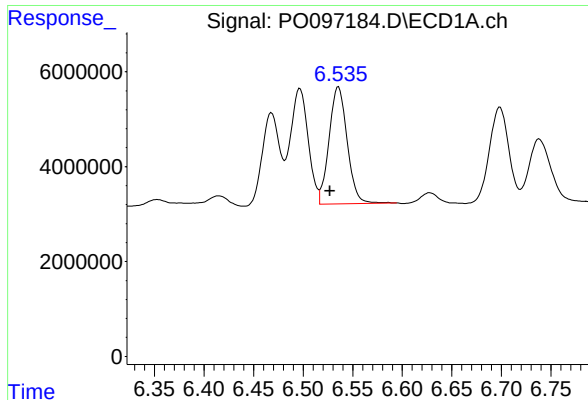
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 30641373
Conc: 337.30 ng/ml



#24 AR-1248-4

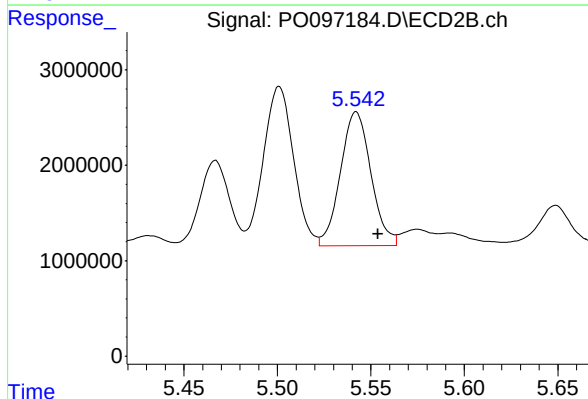
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 16937263
Conc: 331.78 ng/ml



#25 AR-1248-5

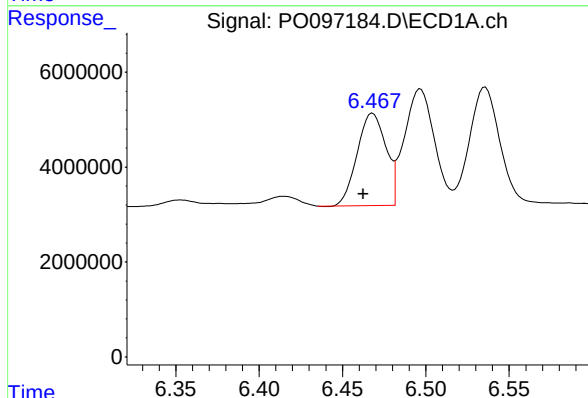
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 31393185
Conc: 356.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



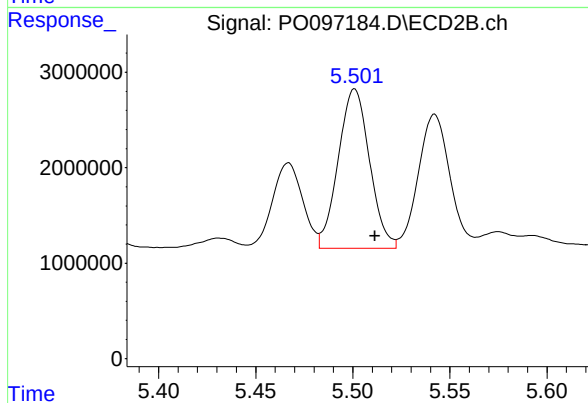
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 15977757
Conc: 341.76 ng/ml



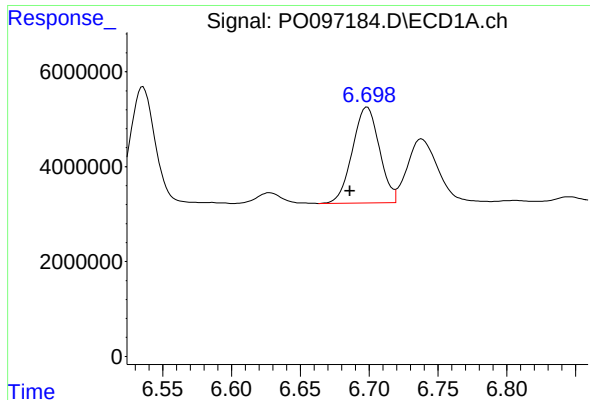
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 23312694
Conc: 213.31 ng/ml



#26 AR-1254-1

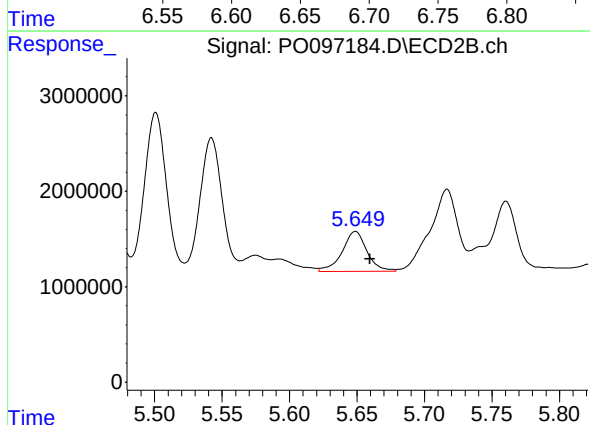
R.T.: 5.501 min
Delta R.T.: -0.010 min
Response: 18796496
Conc: 254.71 ng/ml



#27 AR-1254-2

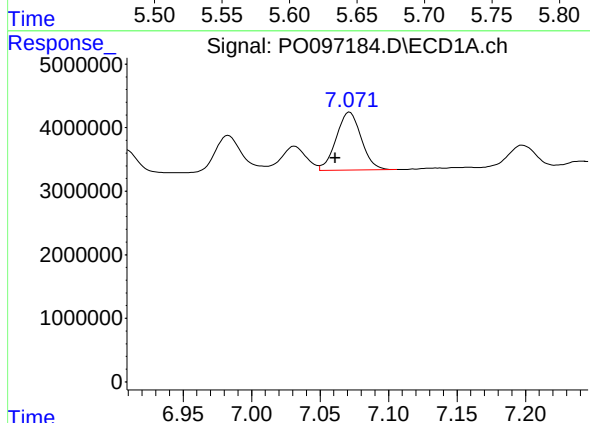
R.T.: 6.699 min
Delta R.T.: 0.013 min
Response: 27581722
Conc: 171.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



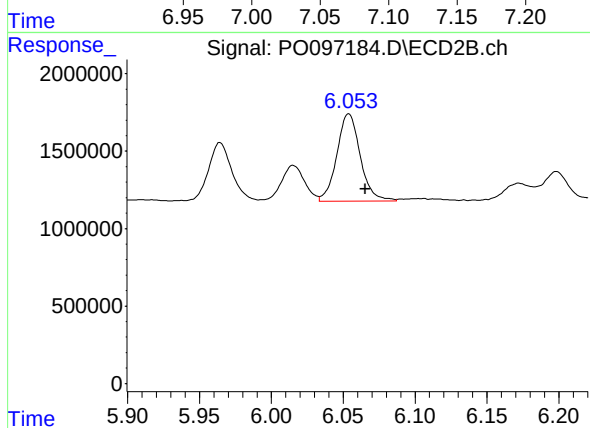
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 5342461
Conc: 81.09 ng/ml



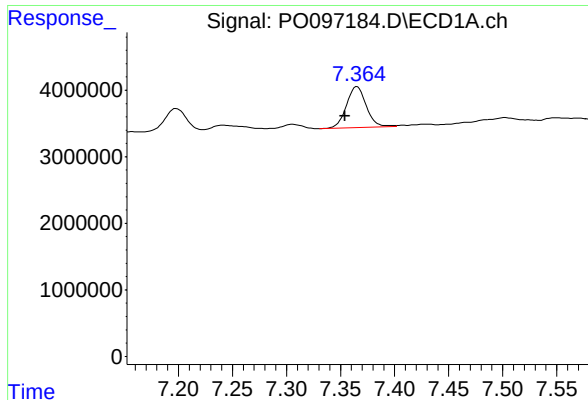
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.010 min
Response: 11623124
Conc: 74.18 ng/ml



#28 AR-1254-3

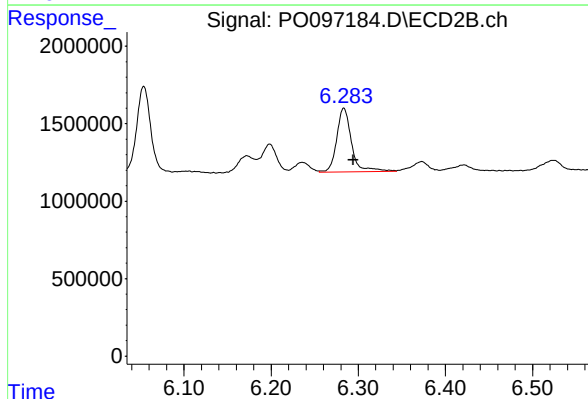
R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 6374486
Conc: 63.07 ng/ml



#29 AR-1254-4

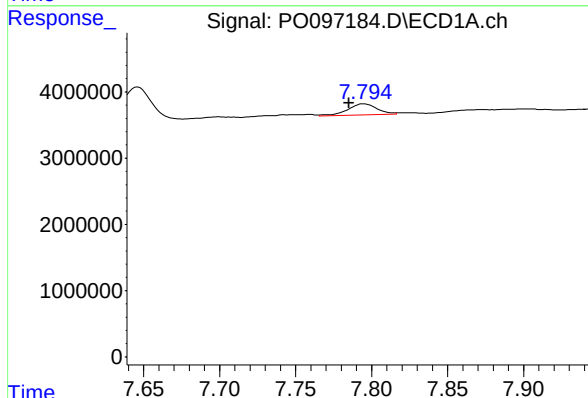
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 7886292
Conc: 78.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



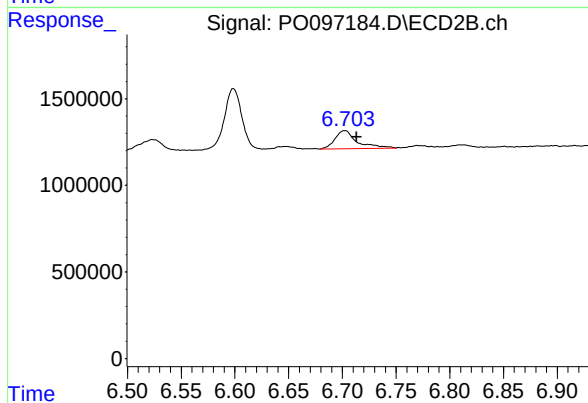
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: -0.011 min
Response: 4843720
Conc: 83.69 ng/ml



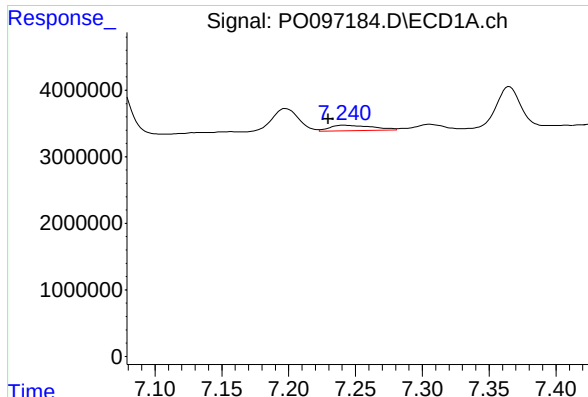
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 2211056
Conc: 19.70 ng/ml



#30 AR-1254-5

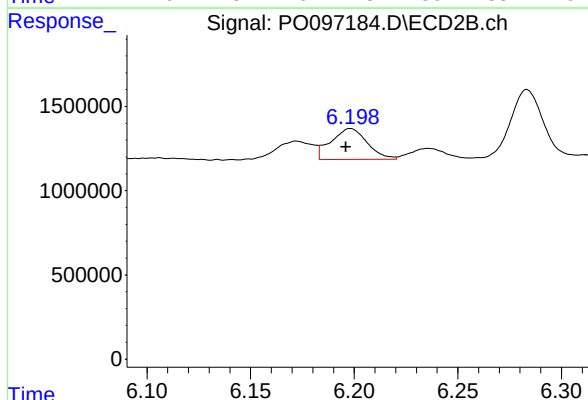
R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 1525892
Conc: 17.36 ng/ml



#31 AR-1260-1

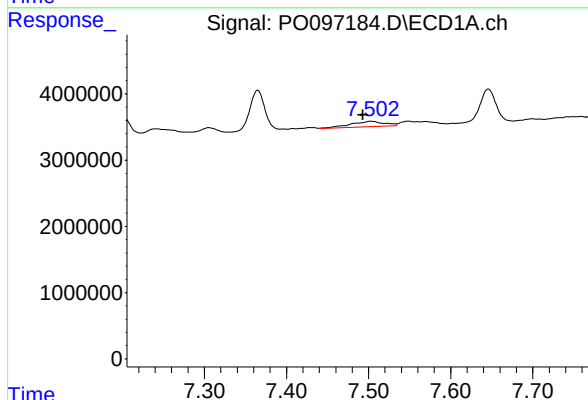
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 1848930
Conc: 14.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



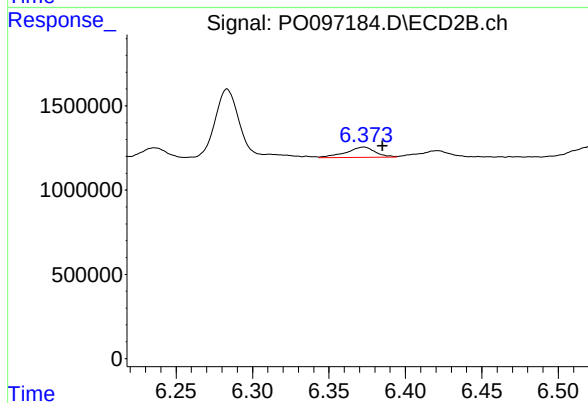
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 2242716
Conc: 31.87 ng/ml



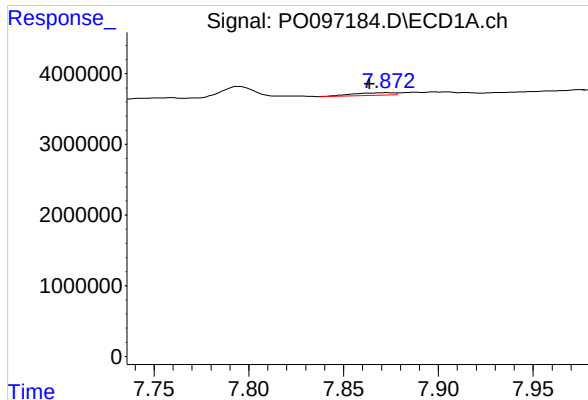
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 2429482
Conc: 18.03 ng/ml



#32 AR-1260-2

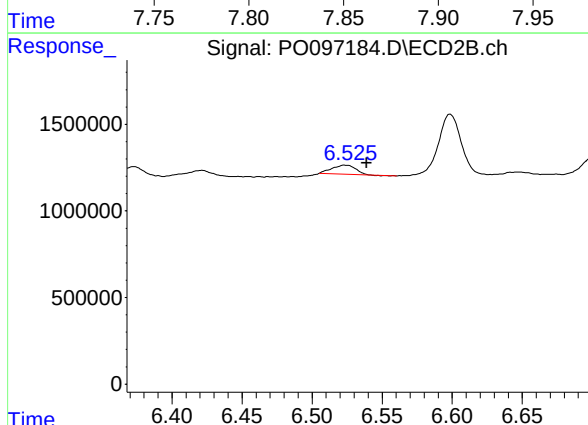
R.T.: 6.373 min
Delta R.T.: -0.012 min
Response: 822820
Conc: 9.86 ng/ml



#33 AR-1260-3

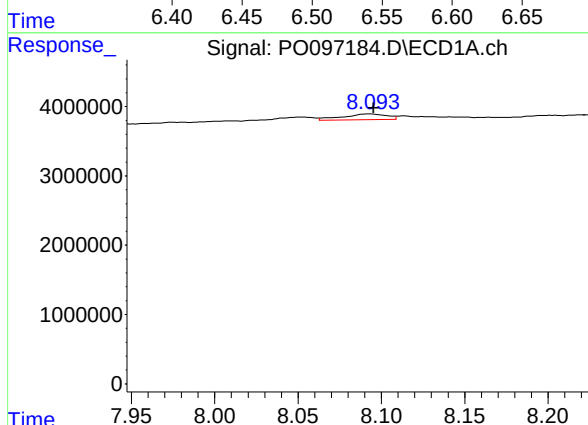
R.T.: 7.873 min
Delta R.T.: 0.009 min
Response: 556596
Conc: 5.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



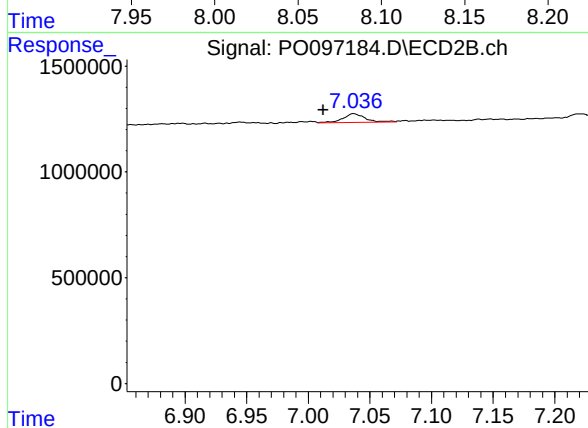
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.015 min
Response: 605432
Conc: 7.84 ng/ml



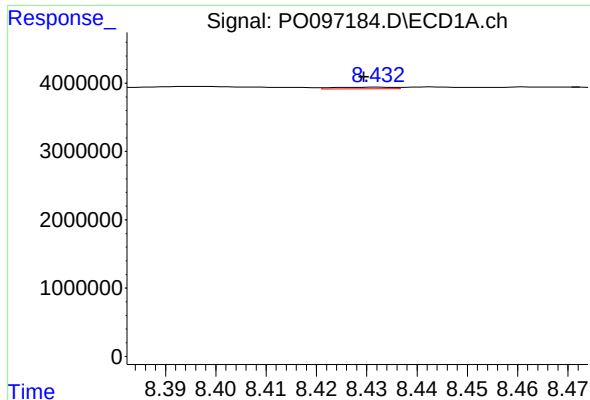
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 1581014
Conc: 14.14 ng/ml



#34 AR-1260-4

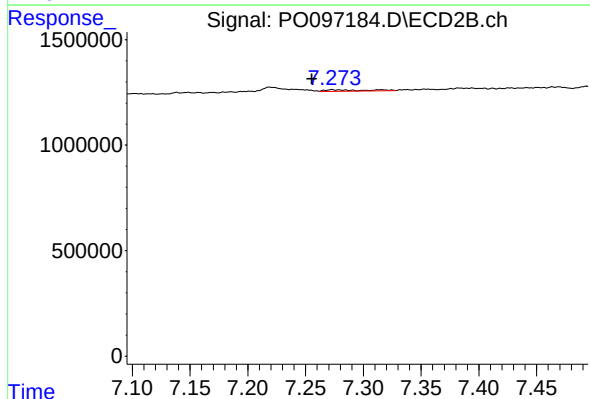
R.T.: 7.037 min
Delta R.T.: 0.025 min
Response: 504019
Conc: 7.87 ng/ml



#35 AR-1260-5

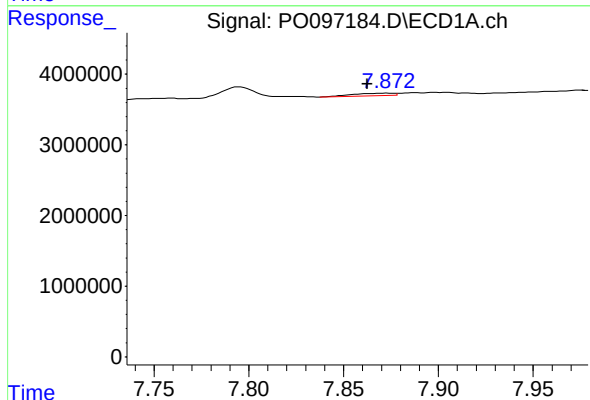
R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 191202
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



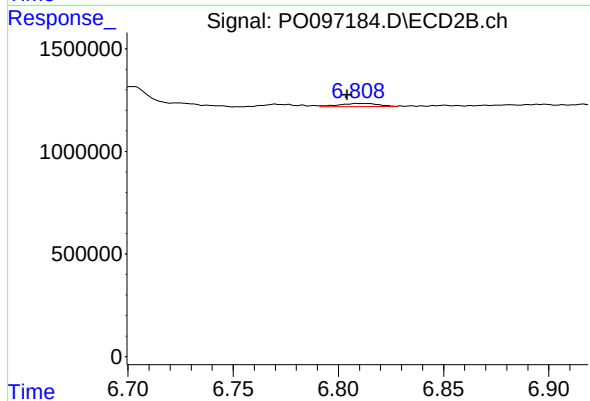
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.017 min
Response: 173767
Conc: 1.25 ng/ml



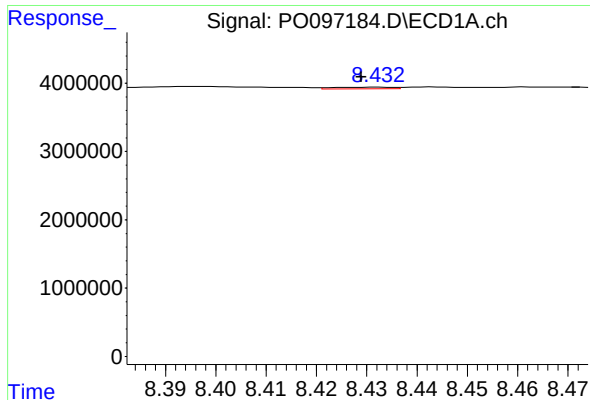
#36 AR-1262-1

R.T.: 7.873 min
Delta R.T.: 0.010 min
Response: 556596
Conc: 3.75 ng/ml



#36 AR-1262-1

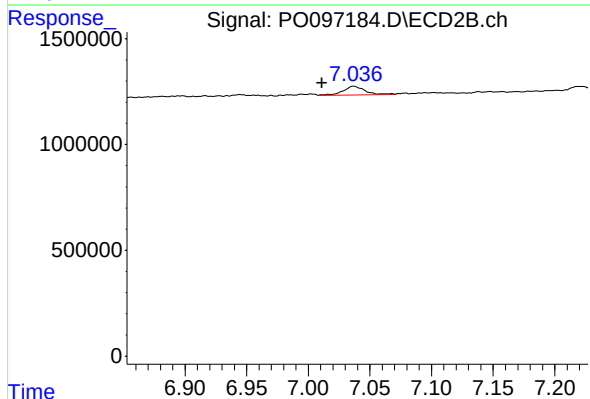
R.T.: 6.810 min
Delta R.T.: 0.006 min
Response: 206445
Conc: 5.24 ng/ml



#37 AR-1262-2

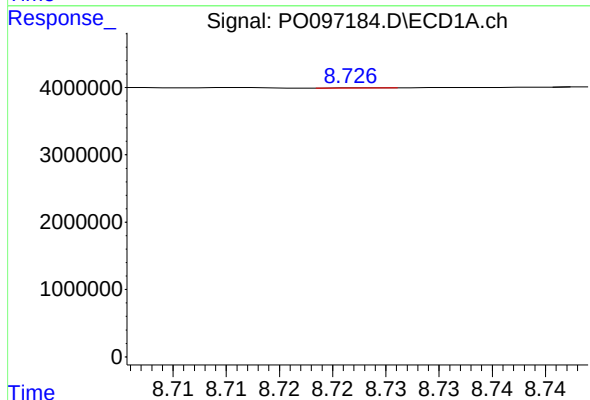
R.T.: 8.433 min
Delta R.T.: 0.004 min
Response: 191202
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



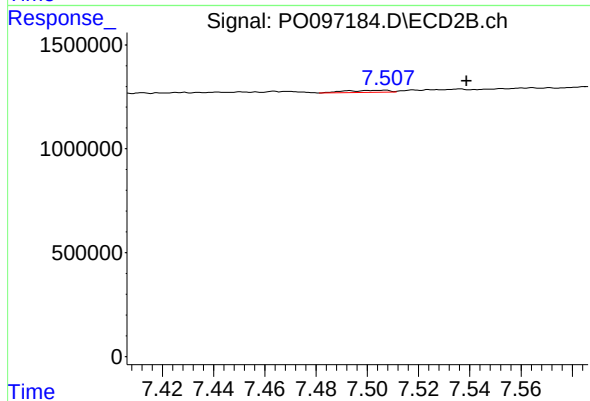
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: 0.026 min
Response: 504019
Conc: 6.21 ng/ml



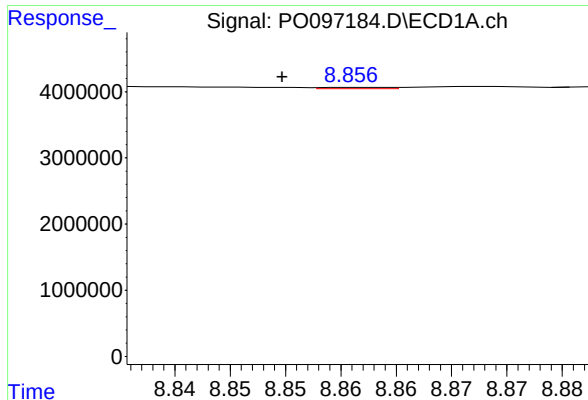
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: -0.029 min
Response: 10250
Conc: 0.06 ng/ml



#38 AR-1262-3

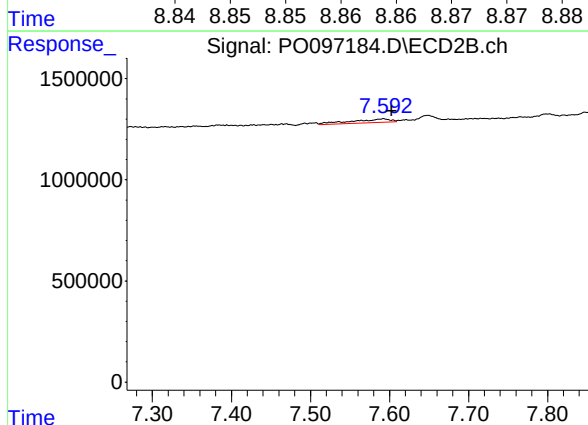
R.T.: 7.506 min
Delta R.T.: -0.032 min
Response: 113953
Conc: 1.78 ng/ml



#39 AR-1262-4

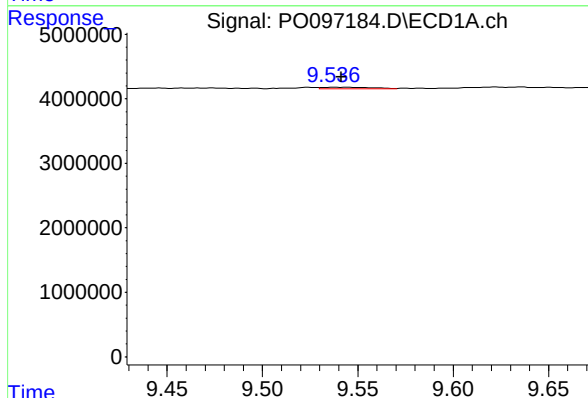
R.T.: 8.857 min
Delta R.T.: 0.008 min
Response: 81668
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



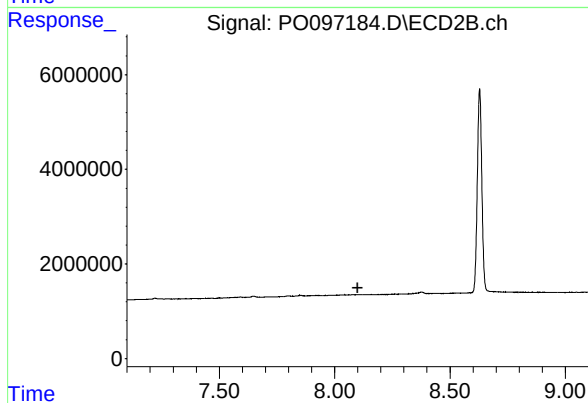
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.010 min
Response: 609525
Conc: 5.37 ng/ml



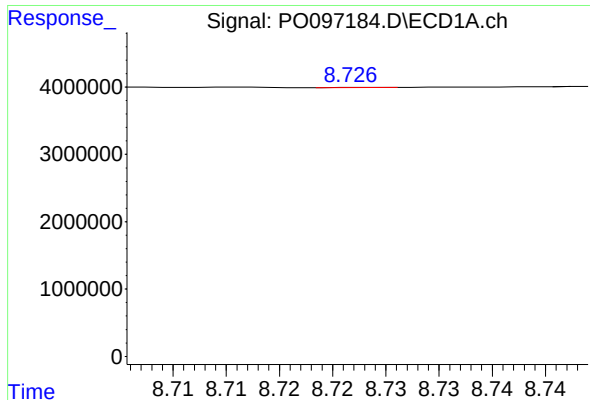
#40 AR-1262-5

R.T.: 9.545 min
Delta R.T.: 0.004 min
Response: 410957
Conc: 4.93 ng/ml



#40 AR-1262-5

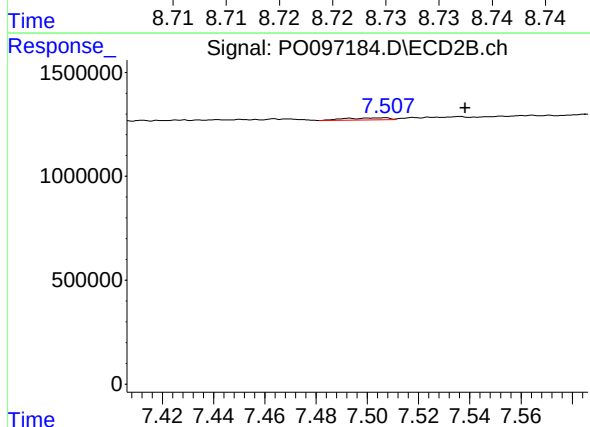
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

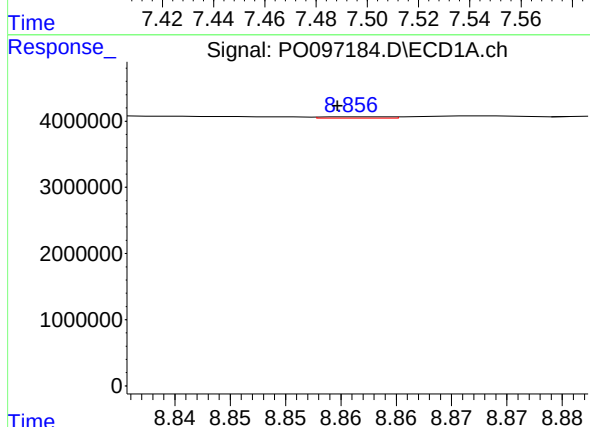
R.T.: 8.728 min
Delta R.T.: -0.028 min
Response: 10250
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



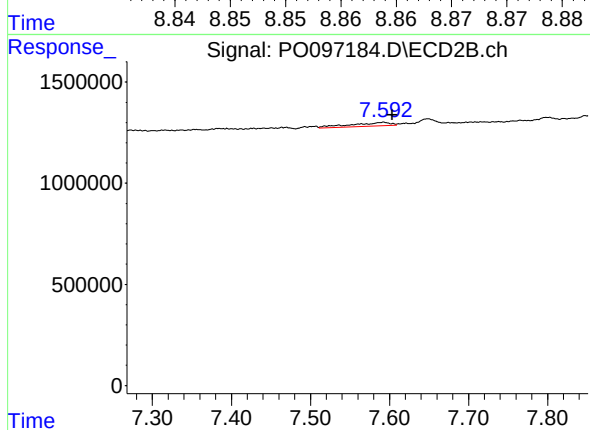
#41 AR-1268-1

R.T.: 7.506 min
Delta R.T.: -0.032 min
Response: 113953
Conc: 0.61 ng/ml



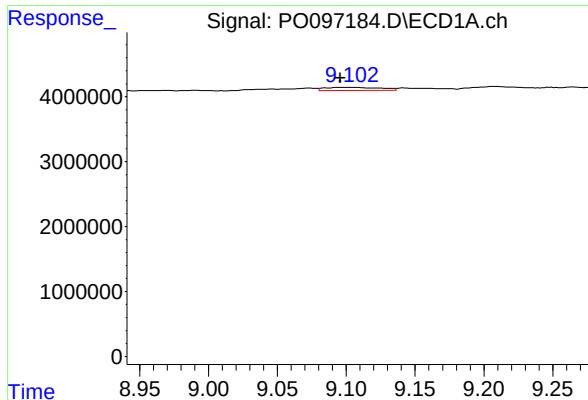
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.003 min
Response: 81668
Conc: 0.30 ng/ml



#42 AR-1268-2

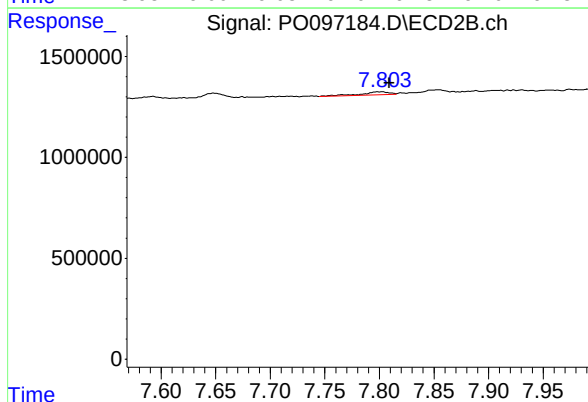
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 609525
Conc: 3.63 ng/ml



#43 AR-1268-3

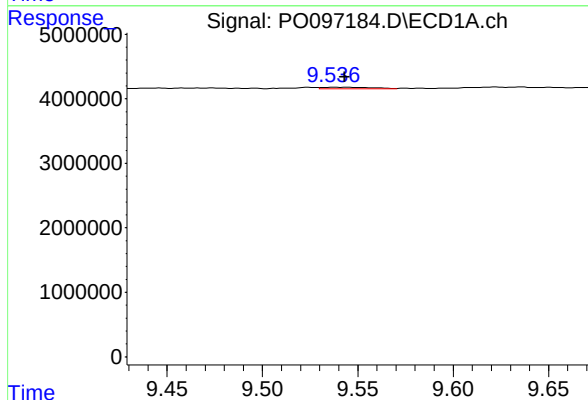
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 1346505
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



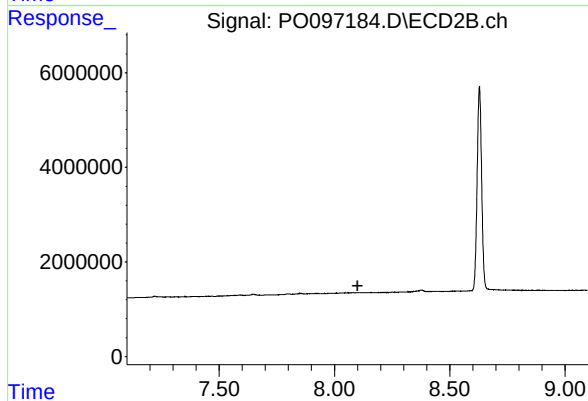
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 282413
Conc: 1.95 ng/ml



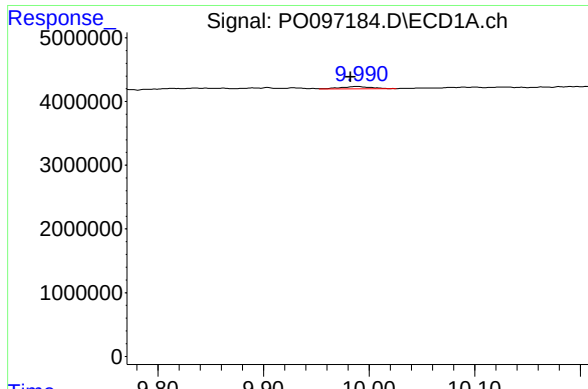
#44 AR-1268-4

R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 410957
Conc: 4.43 ng/ml



#44 AR-1268-4

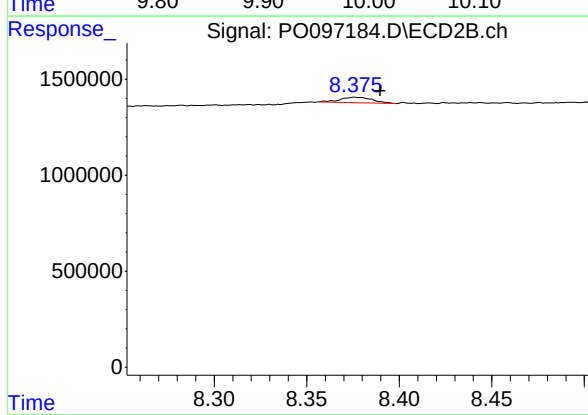
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 766810
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.014 min
Response: 335402
Conc: 0.81 ng/ml