

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090123\
 Data File : P0097662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 01:04
 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: Sep 02 01:57:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.442	3.624	154.2E6	34269070	46.202	50.797
2)	SA Decachlor...	10.288	8.660	90326575	26911760	49.214	46.881
Target Compounds							
3)	L1 AR-1016-1	5.619	4.714	43012383	11764665	477.871	540.440
4)	L1 AR-1016-2	5.642	4.733	63457502	16460410	457.329	545.506
5)	L1 AR-1016-3	5.704	4.910	40507318	8867690	446.766	548.968
6)	L1 AR-1016-4	5.803	4.952	30928979	7317071	446.082	509.927
7)	L1 AR-1016-5	6.101	5.167	31913124	10102587	449.296	552.410
8)	L2 AR-1221-1	4.648	3.838	6403636	1319409	159.111	161.174
9)	L2 AR-1221-2	4.740	3.925	7809378	1632629	259.799	281.695
10)	L2 AR-1221-3	4.815	4.001	27434822	6214958	307.976	337.989
11)	L3 AR-1232-1	4.815	4.001	27434822	6214958	371.971	412.511
12)	L3 AR-1232-2	5.349	4.733	37019936	16460410	966.038	1179.093
13)	L3 AR-1232-3	5.642	4.910	63457502	8867690	981.157	1262.570 #
14)	L3 AR-1232-4	5.803	4.995	30928979	9271838	970.962	1311.328 #
15)	L3 AR-1232-5	5.895	5.167	26230636	10102587	891.463	1283.495 #
16)	L4 AR-1242-1	5.619	4.714	43012383	11764665	531.078	609.878
17)	L4 AR-1242-2	5.642	4.733	63457502	16460410	508.119	604.726
18)	L4 AR-1242-3	5.704	4.910	40507318	8867690	492.673	617.928 #
19)	L4 AR-1242-4	5.803	4.995	30928979	9271838	492.698	585.402
20)	L4 AR-1242-5	6.548	5.520	3667568	9831907	58.312	557.105 #
21)	L5 AR-1248-1	5.619	4.714	43012383	11764665	729.291	856.126
22)	L5 AR-1248-2	5.895	4.952	26230636	7317071	265.212	329.985
23)	L5 AR-1248-3	6.101	4.995	31913124	9271838	308.022	403.253 #
24)	L5 AR-1248-4	6.507	5.167	5770562	10102587	63.081	372.283 #
25)	L5 AR-1248-5	6.548	5.561	3667568	2822640	36.127	124.853 #
26)	L6 AR-1254-1	6.481	5.520	25268012	9831907	229.831	254.743
27)	L6 AR-1254-2	6.701	5.669	23051563	7314529	141.455	214.749 #
28)	L6 AR-1254-3	7.071	6.090	10590657	12240605	65.031	230.696 #
29)	L6 AR-1254-4	7.360	6.303	6497310	914093	66.660	33.522 #
30)	L6 AR-1254-5	7.782	6.723	60310628	22821584	534.086	517.625
31)	L7 AR-1260-1	7.237	6.206	56166095	18622174	440.016	498.595
32)	L7 AR-1260-2	7.497	6.393	56659975	22067996	415.803	521.526 #
33)	L7 AR-1260-3	7.861	6.548	39321877	20334078	372.021	485.787 #
34)	L7 AR-1260-4	8.052f	7.023	2915864	16767121	25.776	518.415 #
35)	L7 AR-1260-5	8.417	7.265	90097935	37049746	479.298	561.123
36)	L8 AR-1262-1	7.861	6.815	39321877	8938799	261.306	445.406 #
37)	L8 AR-1262-2	8.417	7.023	90097935	16767121	411.430	383.764
38)	L8 AR-1262-3	8.748	7.550	5580630	8028232	35.996	257.602 #
39)	L8 AR-1262-4	8.828	7.613	527407	26757560	4.231	475.698 #
40)	L8 AR-1262-5	9.506	8.110	26253449	8941500	381.759	380.079
41)	L9 AR-1268-1	8.748	7.550	5580630	8028232	19.649	83.870 #

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Acq On : 02 Sep 2023 01:04
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

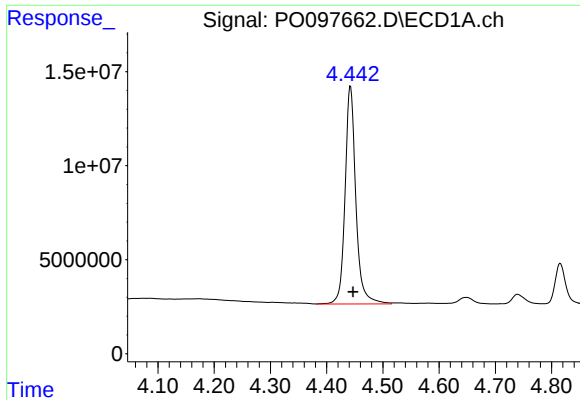
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 02 01:57:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 29 10:29:21 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	8.828	7.613	527407	26757560	2.076	322.789 #
43) L9	AR-1268-3	9.066	7.914	1289883	335179	5.719	16.916 #
44) L9	AR-1268-4	9.506	8.110	26253449	8941500	341.092	346.001
45) L9	AR-1268-5	9.935	8.404	8428216	2833438	12.205	12.429

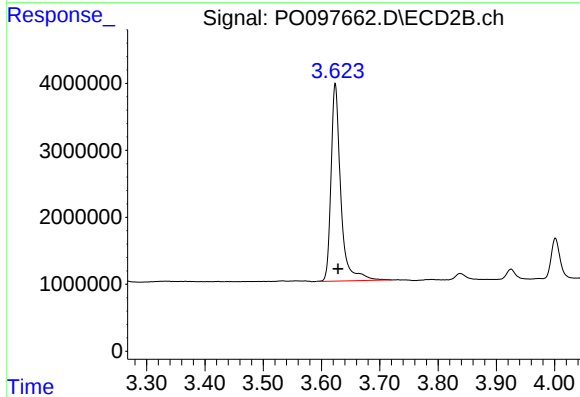
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

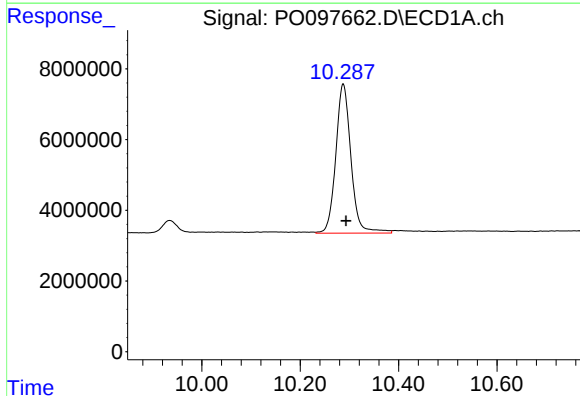
R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 154202161
Conc: 46.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



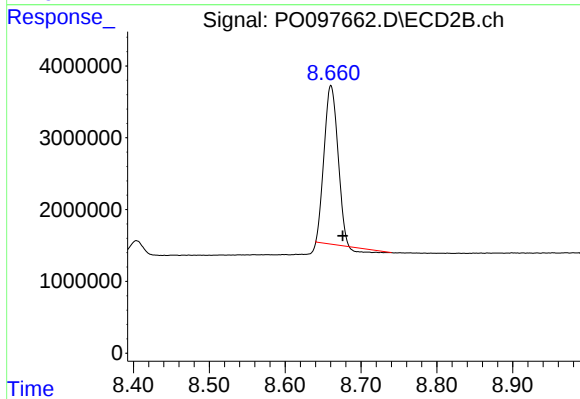
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.005 min
Response: 34269070
Conc: 50.80 ng/ml



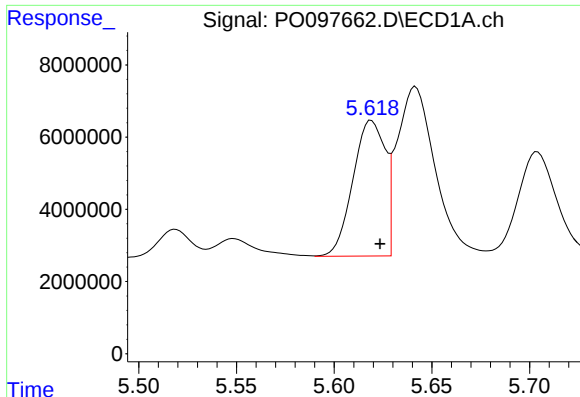
#2 Decachlorobiphenyl

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 90326575
Conc: 49.21 ng/ml



#2 Decachlorobiphenyl

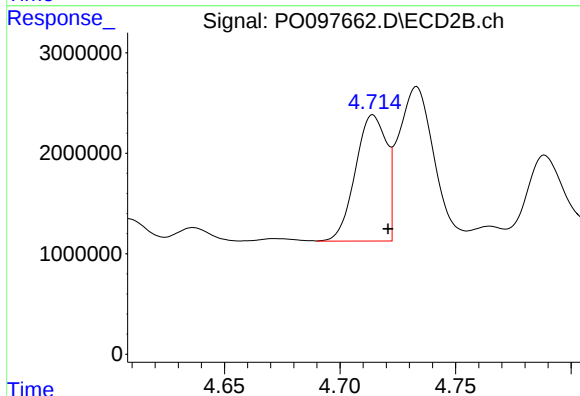
R.T.: 8.660 min
Delta R.T.: -0.015 min
Response: 26911760
Conc: 46.88 ng/ml



#3 AR-1016-1

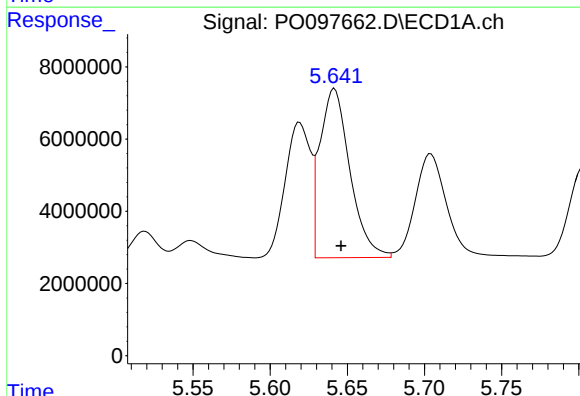
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 43012383
Conc: 477.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



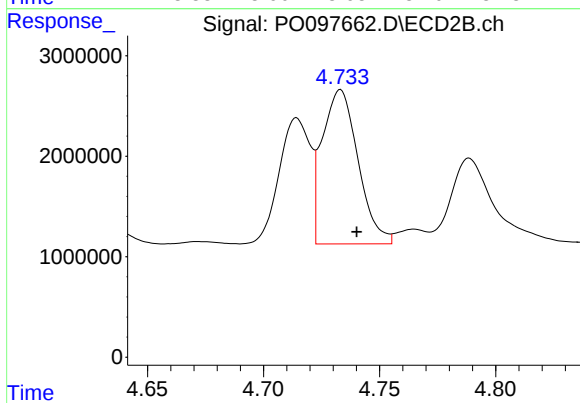
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.006 min
Response: 11764665
Conc: 540.44 ng/ml



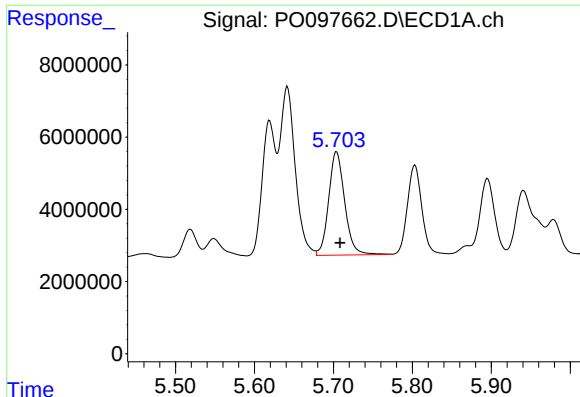
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 63457502
Conc: 457.33 ng/ml



#4 AR-1016-2

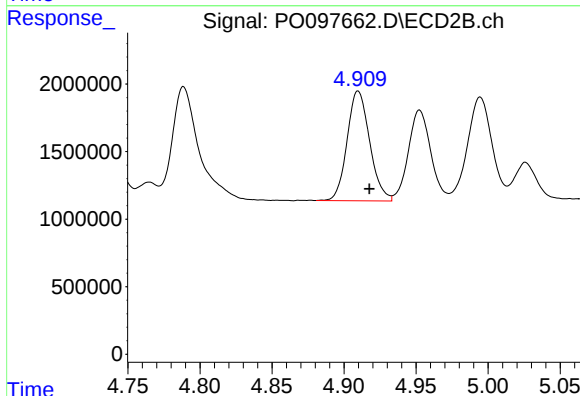
R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 16460410
Conc: 545.51 ng/ml



#5 AR-1016-3

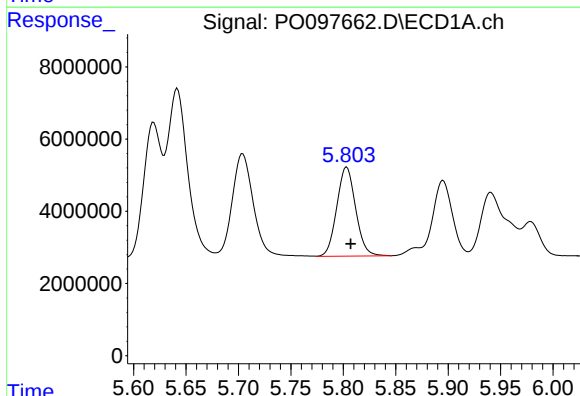
R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 40507318
Conc: 446.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



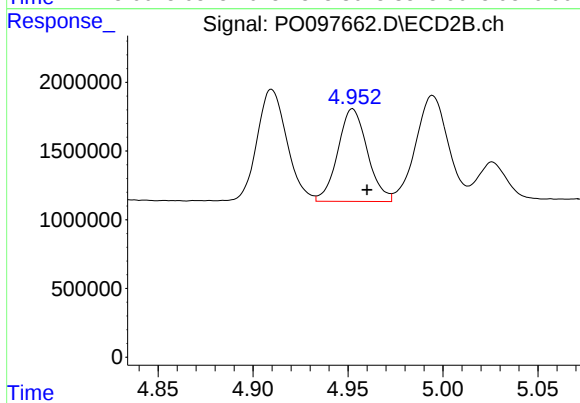
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.008 min
Response: 8867690
Conc: 548.97 ng/ml



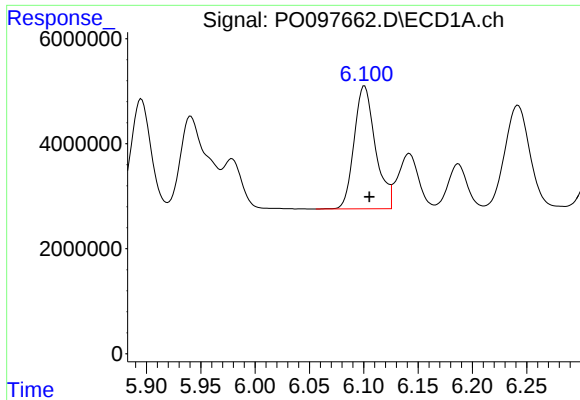
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 30928979
Conc: 446.08 ng/ml



#6 AR-1016-4

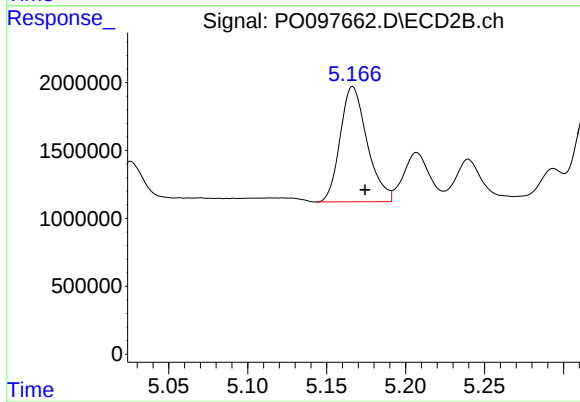
R.T.: 4.952 min
Delta R.T.: -0.008 min
Response: 7317071
Conc: 509.93 ng/ml



#7 AR-1016-5

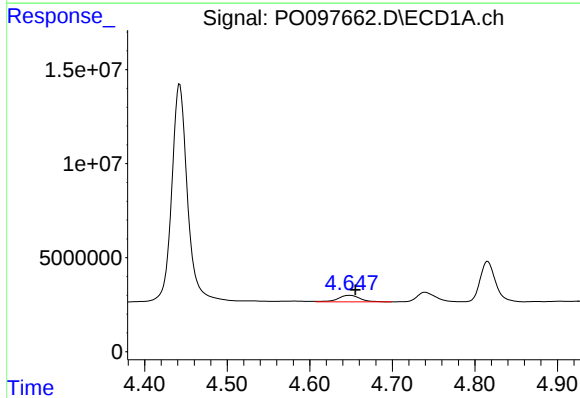
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 31913124
Conc: 449.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



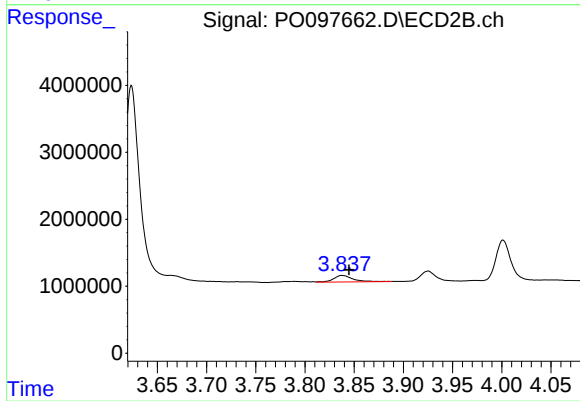
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 10102587
Conc: 552.41 ng/ml



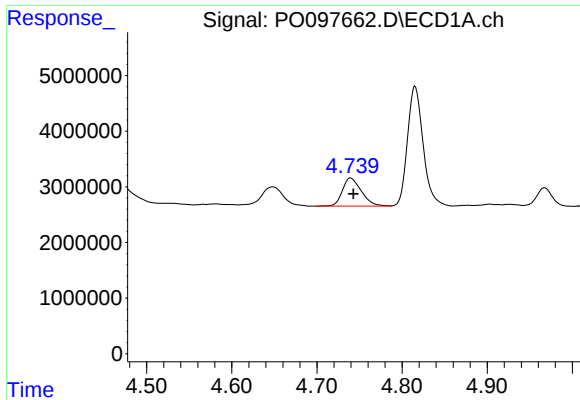
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 6403636
Conc: 159.11 ng/ml



#8 AR-1221-1

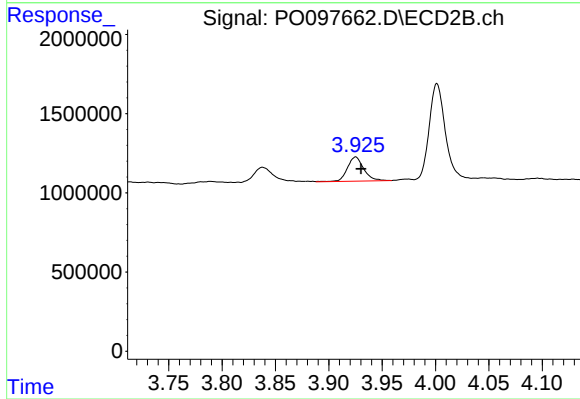
R.T.: 3.838 min
Delta R.T.: -0.007 min
Response: 1319409
Conc: 161.17 ng/ml



#9 AR-1221-2

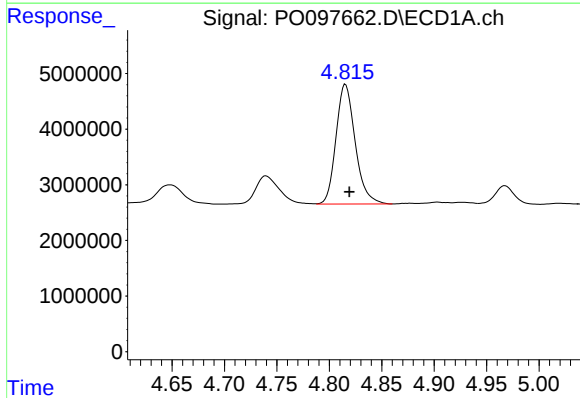
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 7809378
Conc: 259.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



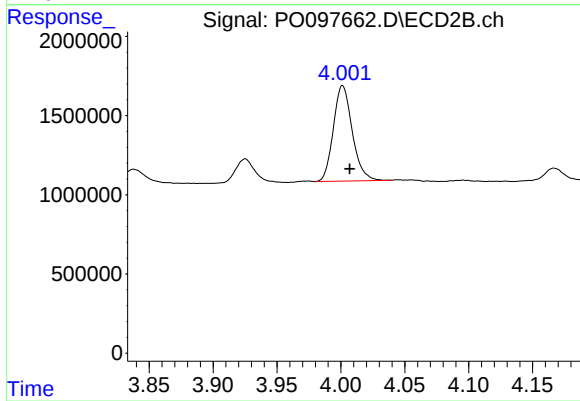
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: -0.005 min
Response: 1632629
Conc: 281.70 ng/ml



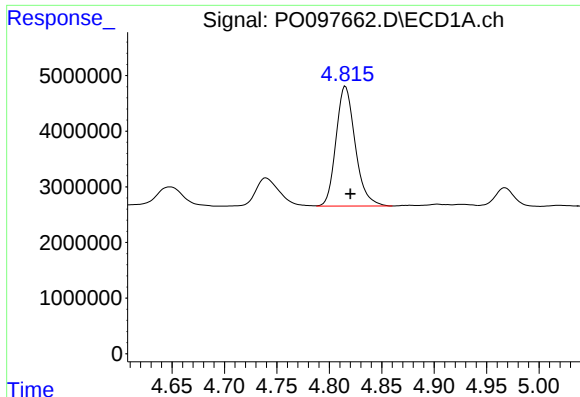
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 27434822
Conc: 307.98 ng/ml



#10 AR-1221-3

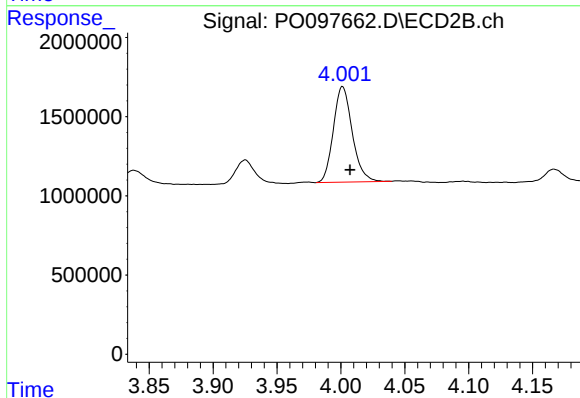
R.T.: 4.001 min
Delta R.T.: -0.006 min
Response: 6214958
Conc: 337.99 ng/ml



#11 AR-1232-1

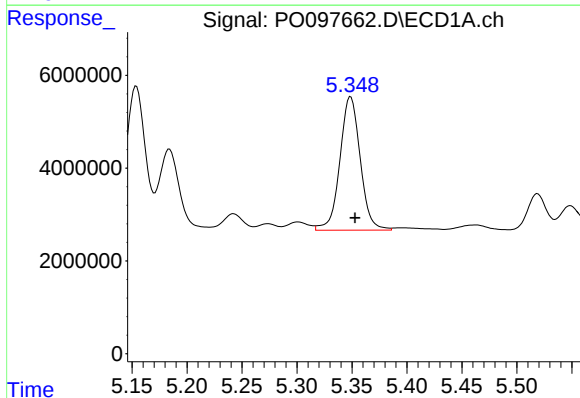
R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 27434822
Conc: 371.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



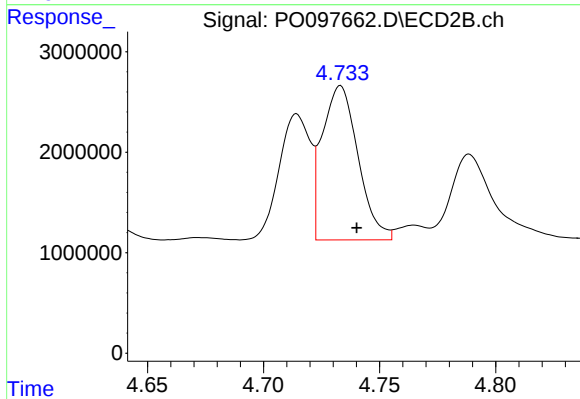
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: -0.006 min
Response: 6214958
Conc: 412.51 ng/ml



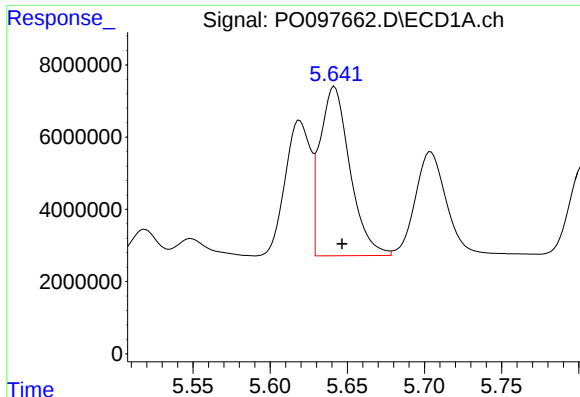
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 37019936
Conc: 966.04 ng/ml



#12 AR-1232-2

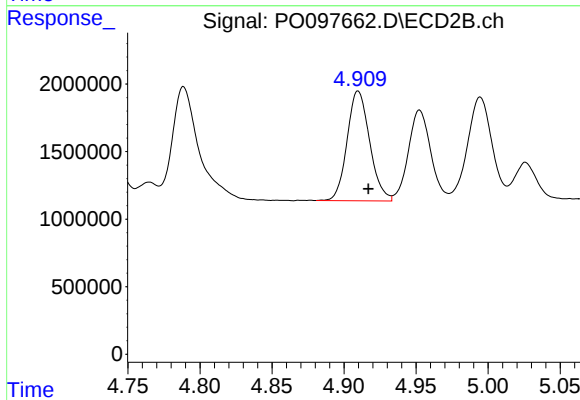
R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 16460410
Conc: 1179.09 ng/ml



#13 AR-1232-3

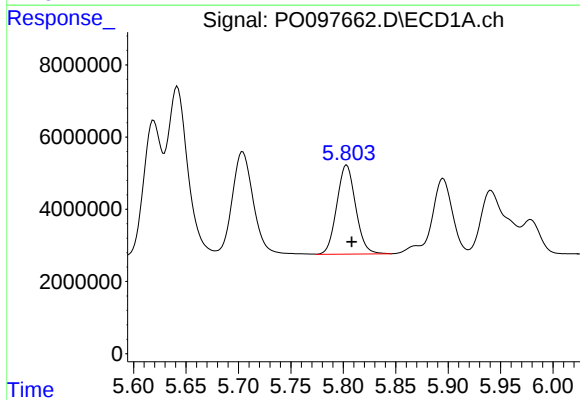
R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 63457502
Conc: 981.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



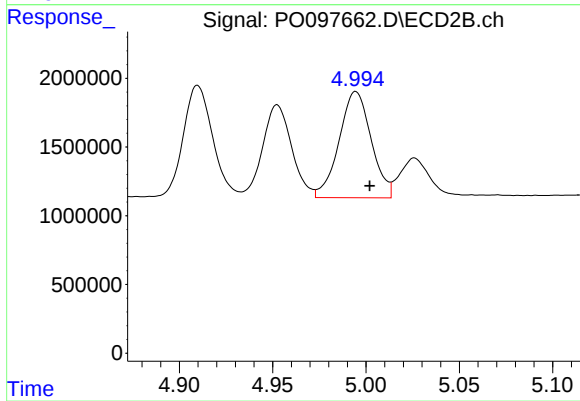
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: -0.007 min
Response: 8867690
Conc: 1262.57 ng/ml



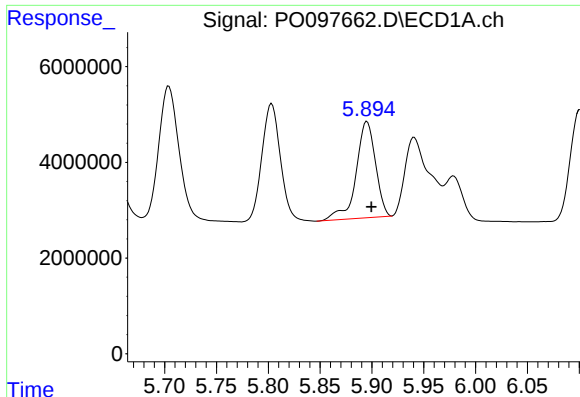
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 30928979
Conc: 970.96 ng/ml



#14 AR-1232-4

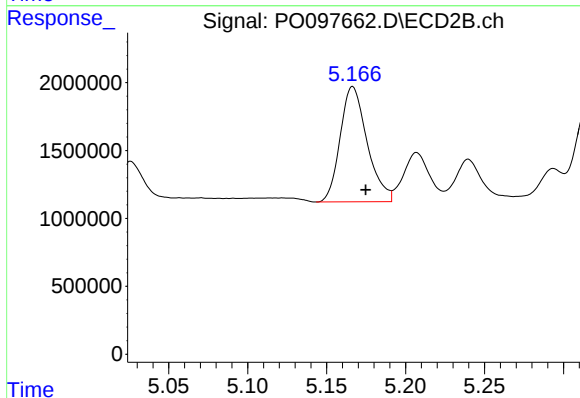
R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 9271838
Conc: 1311.33 ng/ml



#15 AR-1232-5

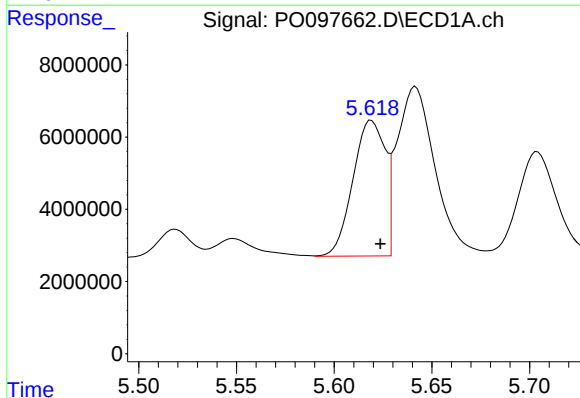
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 26230636
Conc: 891.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



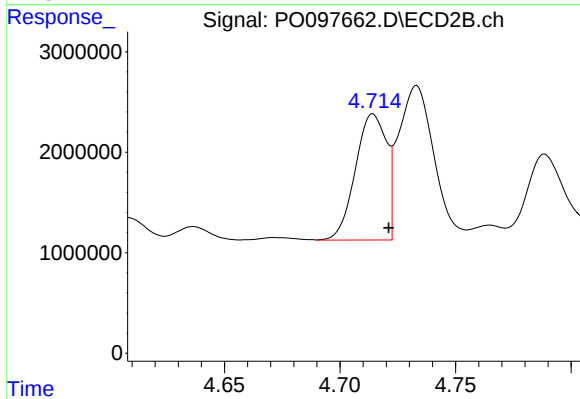
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 10102587
Conc: 1283.50 ng/ml



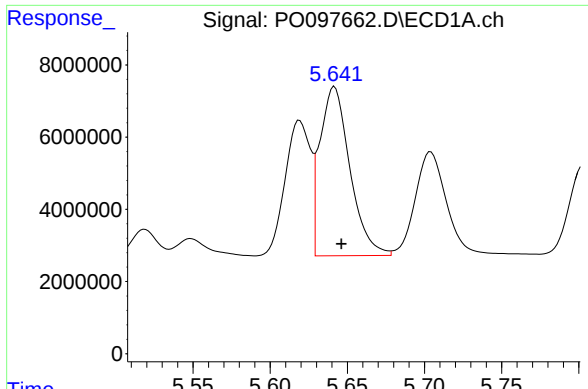
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 43012383
Conc: 531.08 ng/ml



#16 AR-1242-1

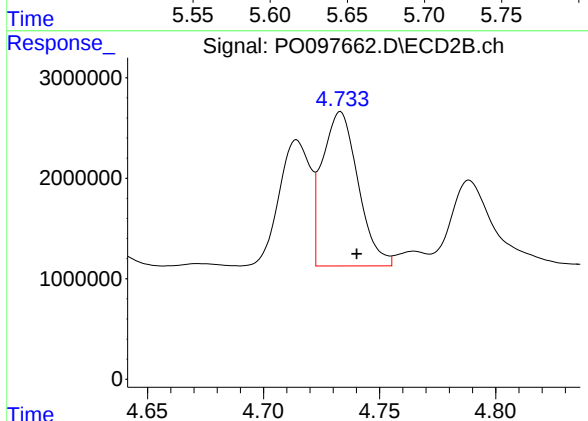
R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 11764665
Conc: 609.88 ng/ml



#17 AR-1242-2

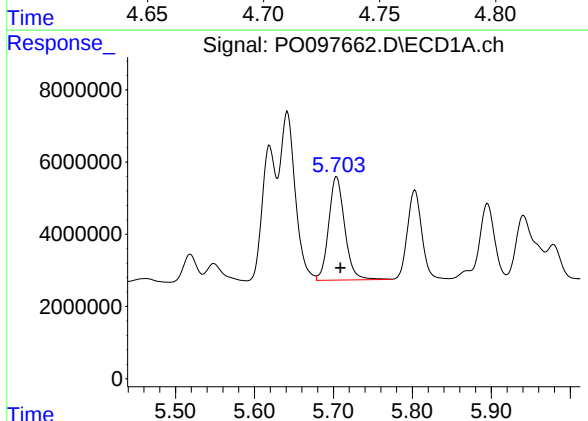
R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 63457502
Conc: 508.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



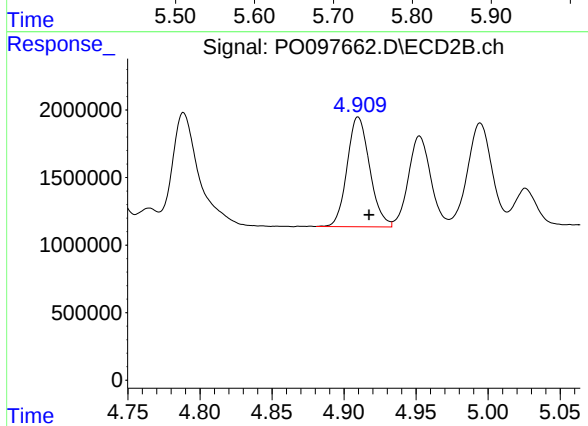
#17 AR-1242-2

R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 16460410
Conc: 604.73 ng/ml



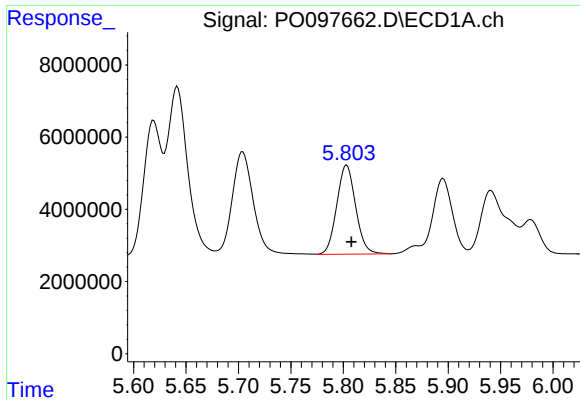
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 40507318
Conc: 492.67 ng/ml



#18 AR-1242-3

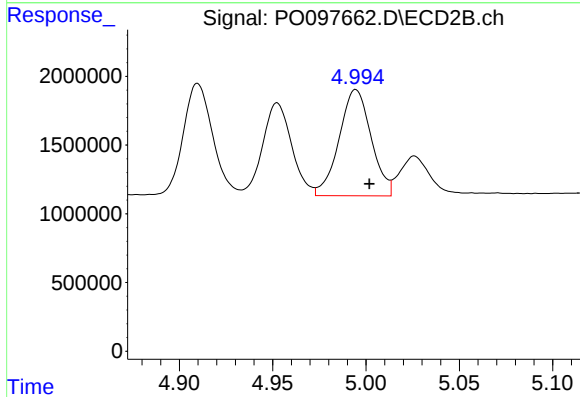
R.T.: 4.910 min
Delta R.T.: -0.008 min
Response: 8867690
Conc: 617.93 ng/ml



#19 AR-1242-4

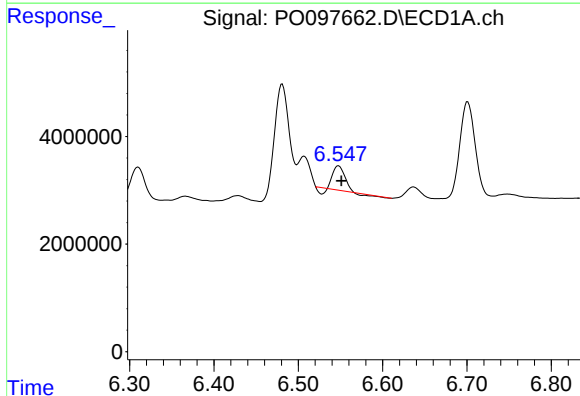
R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 30928979
Conc: 492.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



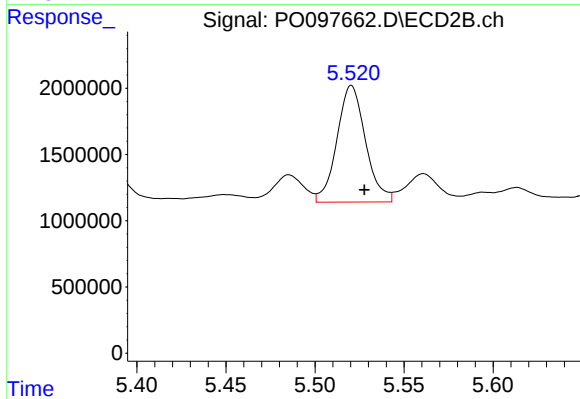
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 9271838
Conc: 585.40 ng/ml



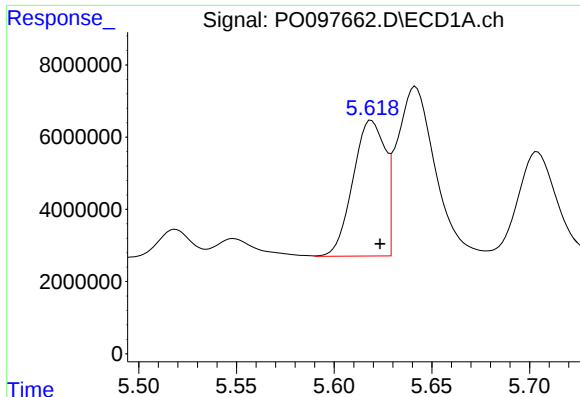
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 3667568
Conc: 58.31 ng/ml



#20 AR-1242-5

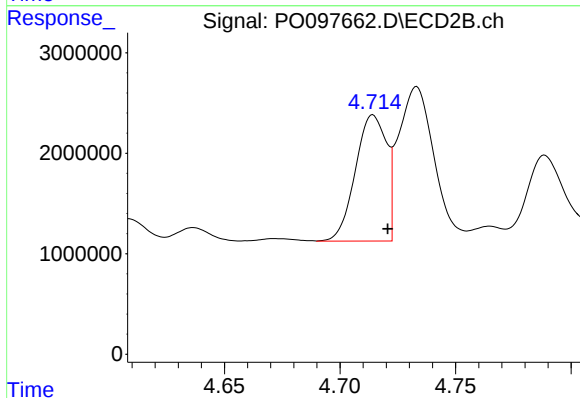
R.T.: 5.520 min
Delta R.T.: -0.007 min
Response: 9831907
Conc: 557.10 ng/ml



#21 AR-1248-1

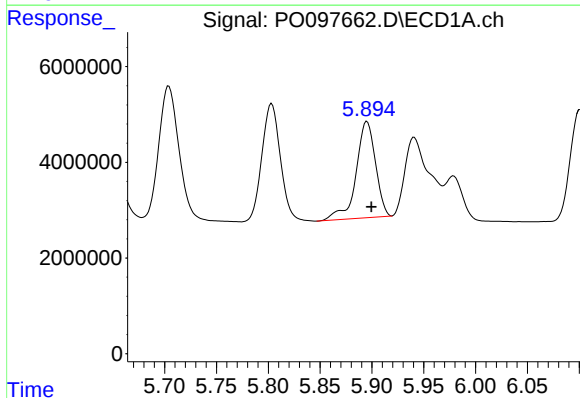
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 43012383
Conc: 729.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



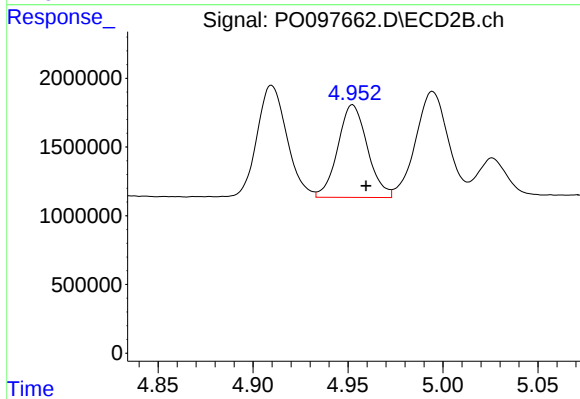
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.006 min
Response: 11764665
Conc: 856.13 ng/ml



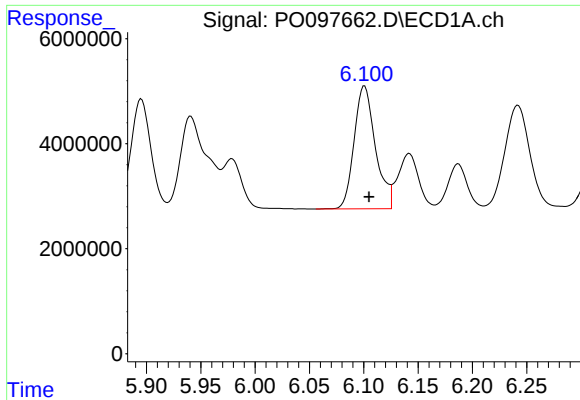
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 26230636
Conc: 265.21 ng/ml



#22 AR-1248-2

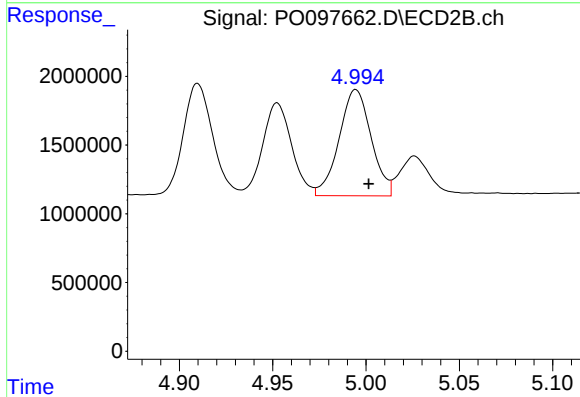
R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 7317071
Conc: 329.98 ng/ml



#23 AR-1248-3

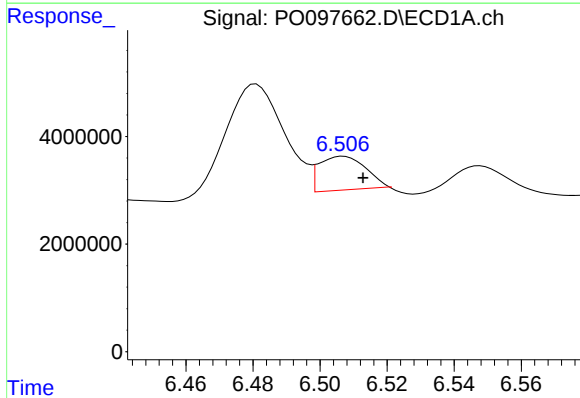
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 31913124
Conc: 308.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



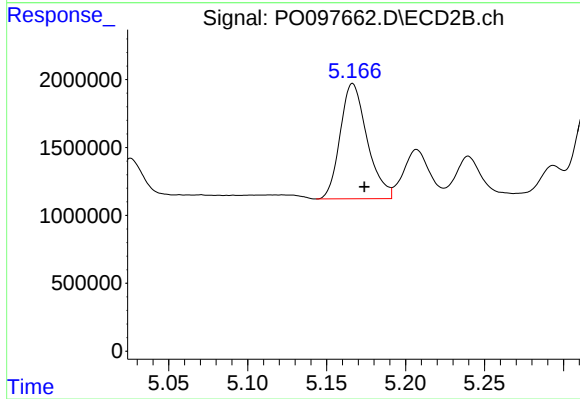
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 9271838
Conc: 403.25 ng/ml



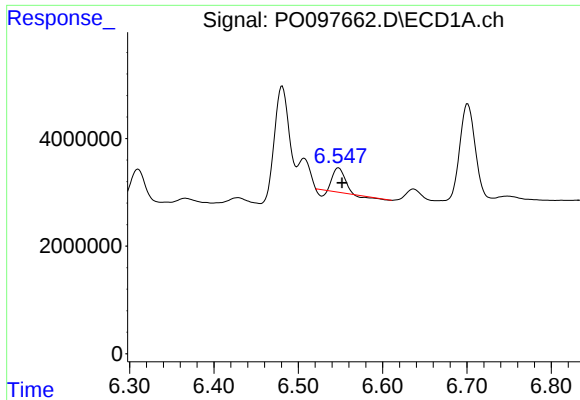
#24 AR-1248-4

R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 5770562
Conc: 63.08 ng/ml



#24 AR-1248-4

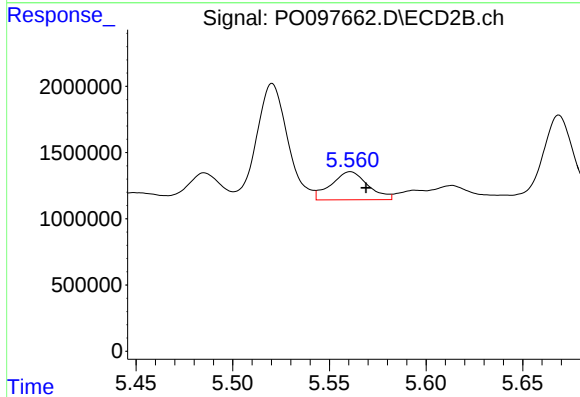
R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 10102587
Conc: 372.28 ng/ml



#25 AR-1248-5

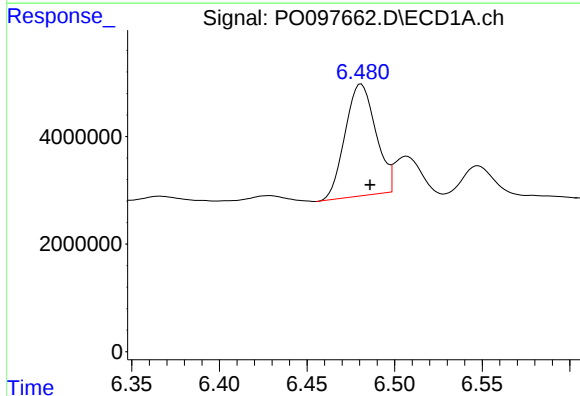
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 3667568
Conc: 36.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



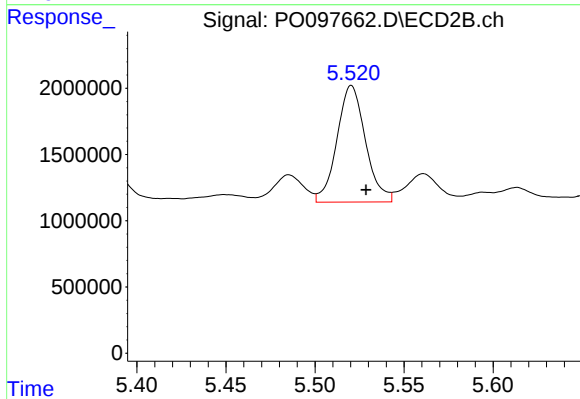
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.008 min
Response: 2822640
Conc: 124.85 ng/ml



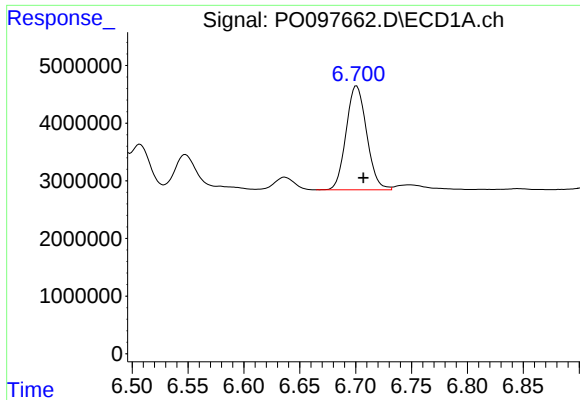
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 25268012
Conc: 229.83 ng/ml



#26 AR-1254-1

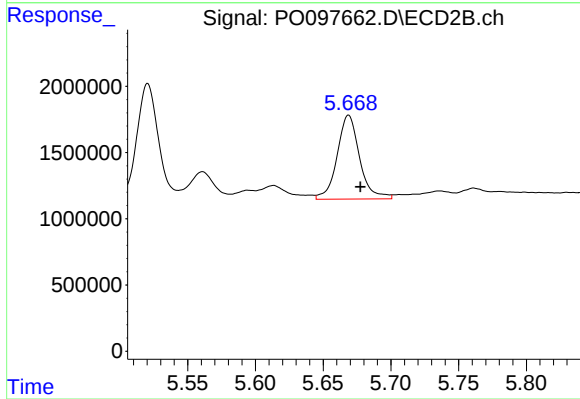
R.T.: 5.520 min
Delta R.T.: -0.008 min
Response: 9831907
Conc: 254.74 ng/ml



#27 AR-1254-2

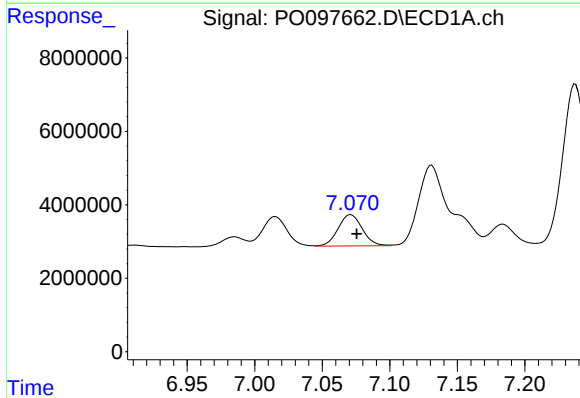
R.T.: 6.701 min
Delta R.T.: -0.006 min
Response: 23051563
Conc: 141.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



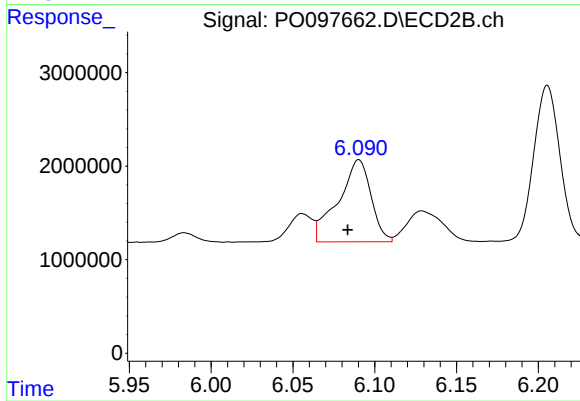
#27 AR-1254-2

R.T.: 5.669 min
Delta R.T.: -0.009 min
Response: 7314529
Conc: 214.75 ng/ml



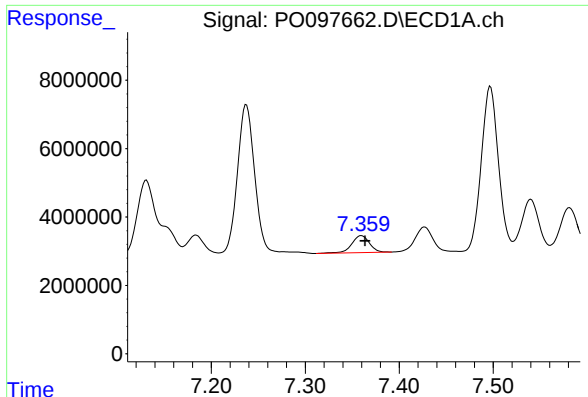
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 10590657
Conc: 65.03 ng/ml



#28 AR-1254-3

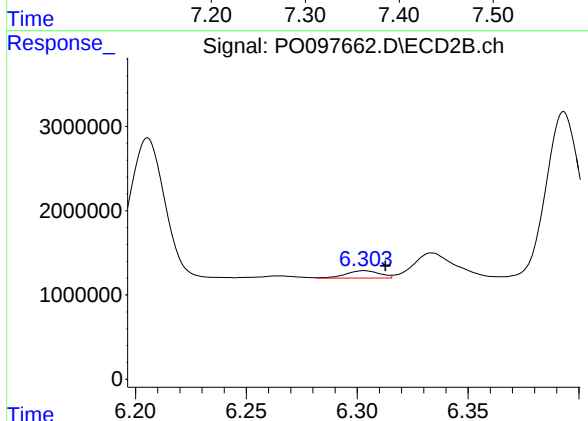
R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 12240605
Conc: 230.70 ng/ml



#29 AR-1254-4

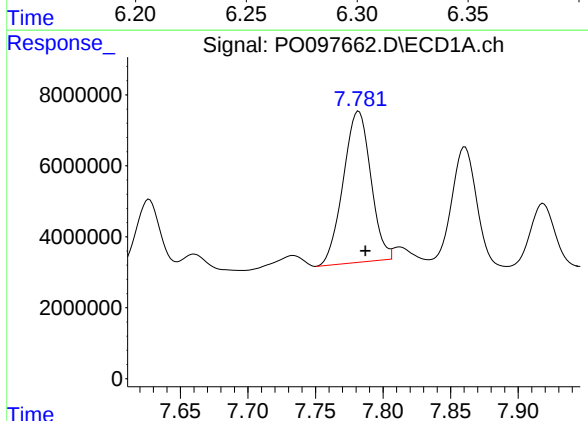
R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 6497310
Conc: 66.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



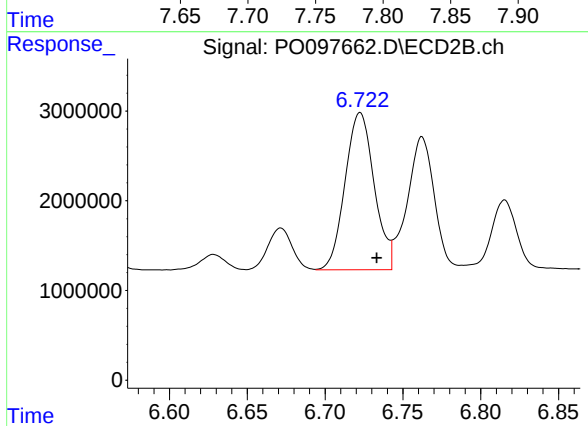
#29 AR-1254-4

R.T.: 6.303 min
Delta R.T.: -0.010 min
Response: 914093
Conc: 33.52 ng/ml



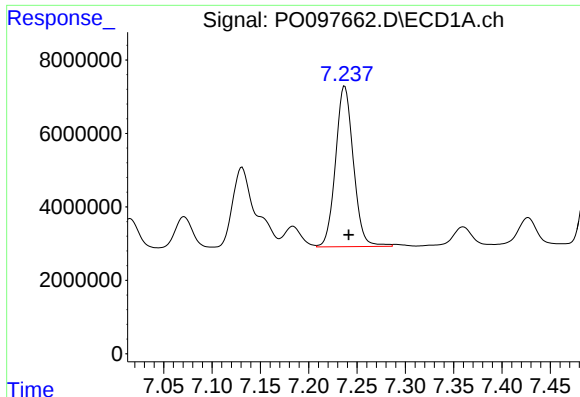
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: -0.005 min
Response: 60310628
Conc: 534.09 ng/ml



#30 AR-1254-5

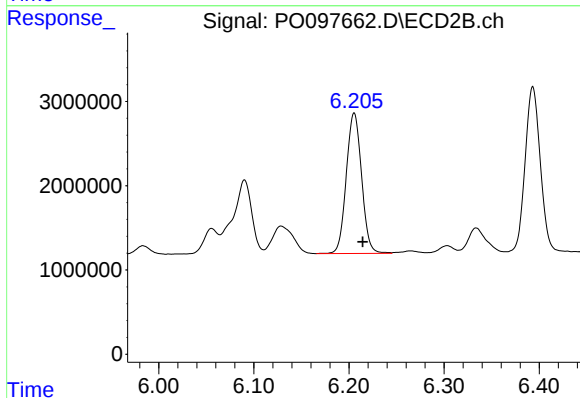
R.T.: 6.723 min
Delta R.T.: -0.011 min
Response: 22821584
Conc: 517.63 ng/ml



#31 AR-1260-1

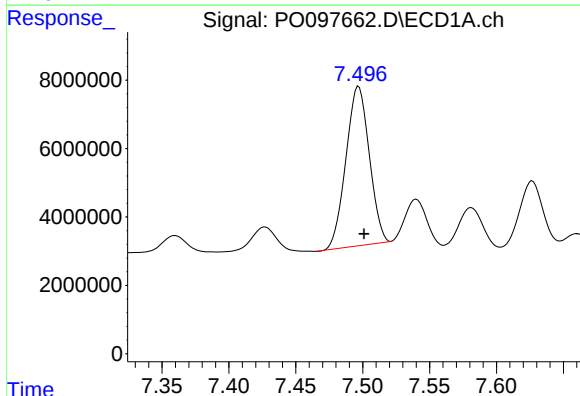
R.T.: 7.237 min
Delta R.T.: -0.004 min
Response: 56166095
Conc: 440.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



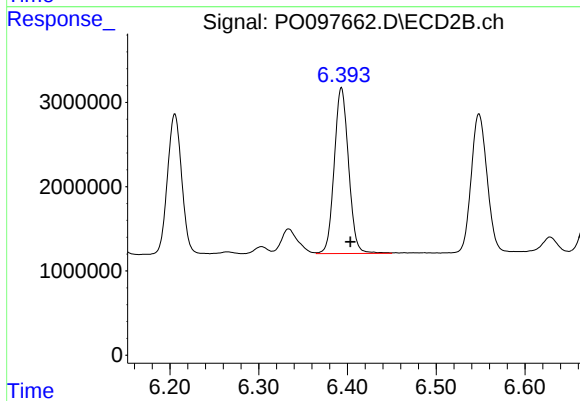
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: -0.009 min
Response: 18622174
Conc: 498.59 ng/ml



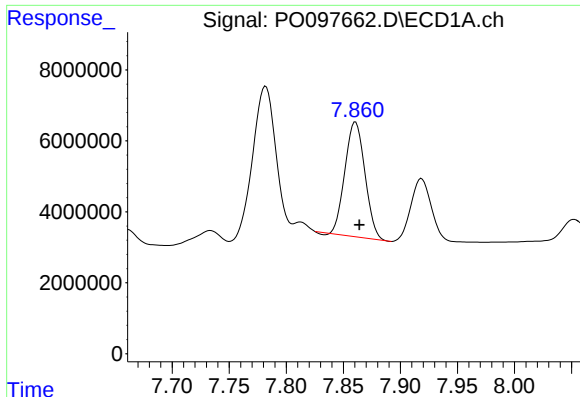
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 56659975
Conc: 415.80 ng/ml



#32 AR-1260-2

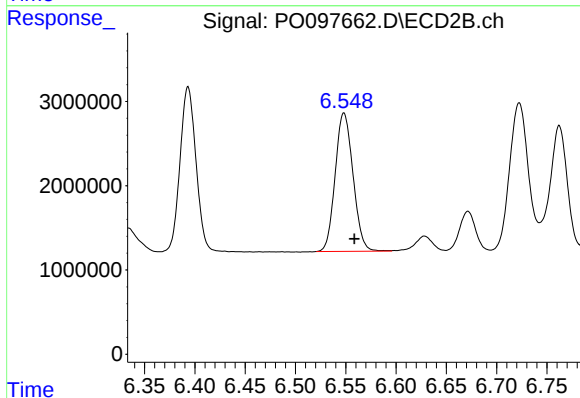
R.T.: 6.393 min
Delta R.T.: -0.010 min
Response: 22067996
Conc: 521.53 ng/ml



#33 AR-1260-3

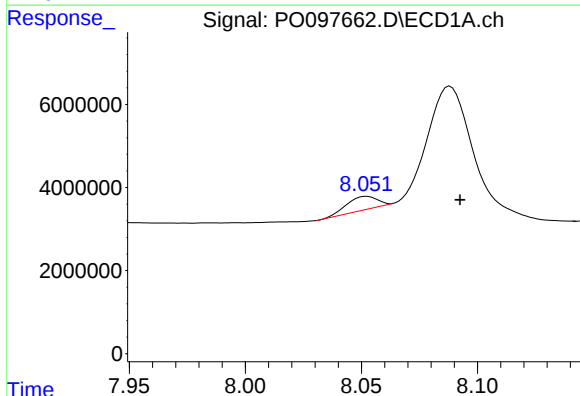
R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 39321877
Conc: 372.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



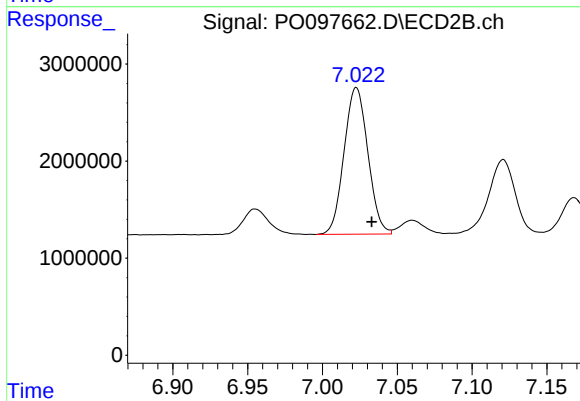
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 20334078
Conc: 485.79 ng/ml



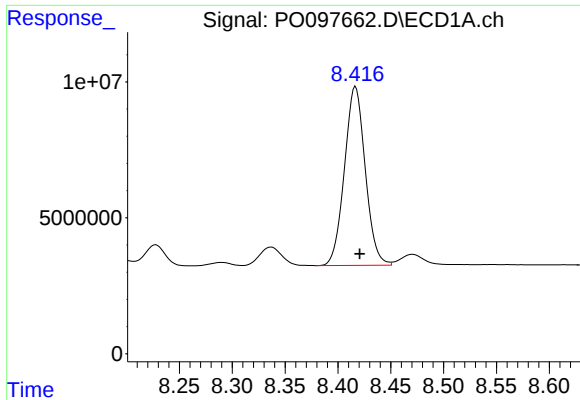
#34 AR-1260-4

R.T.: 8.052 min
Delta R.T.: -0.040 min
Response: 2915864
Conc: 25.78 ng/ml



#34 AR-1260-4

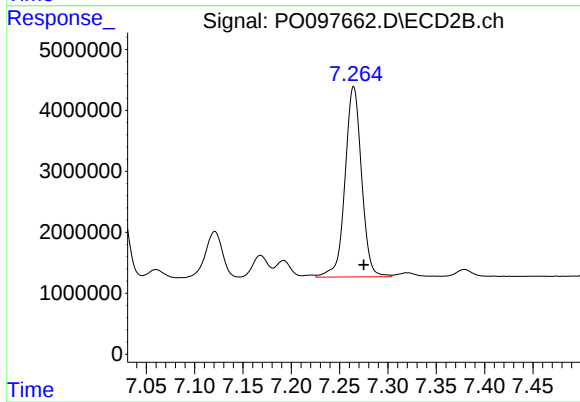
R.T.: 7.023 min
Delta R.T.: -0.010 min
Response: 16767121
Conc: 518.42 ng/ml



#35 AR-1260-5

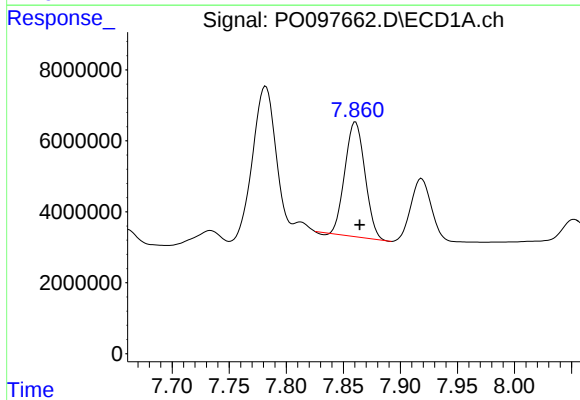
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 90097935
Conc: 479.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



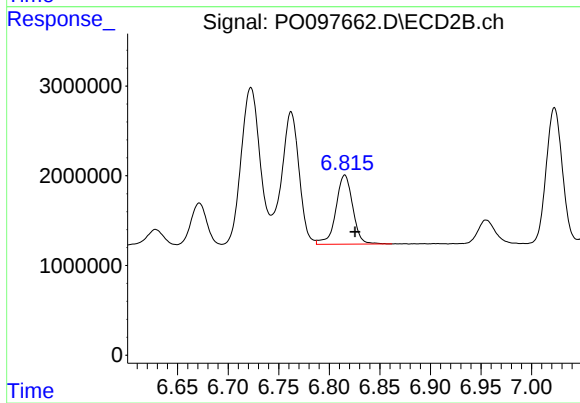
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.011 min
Response: 37049746
Conc: 561.12 ng/ml



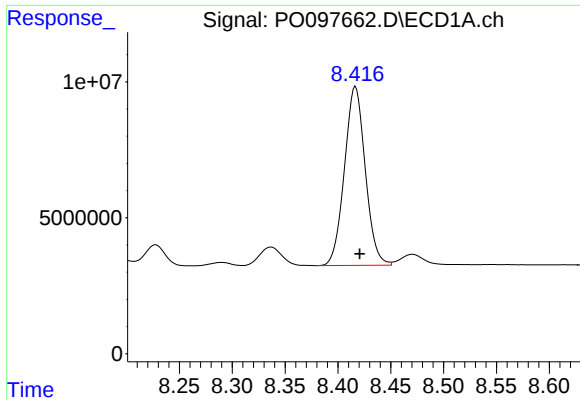
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.004 min
Response: 39321877
Conc: 261.31 ng/ml



#36 AR-1262-1

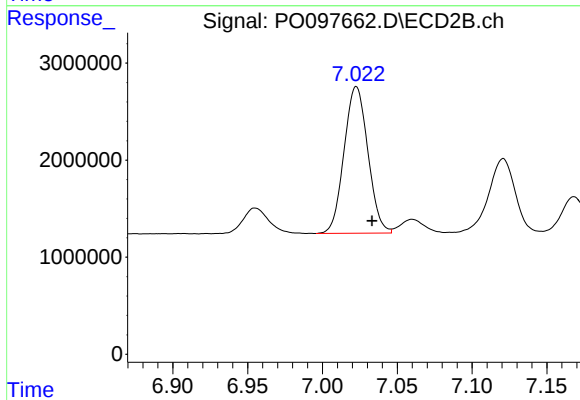
R.T.: 6.815 min
Delta R.T.: -0.010 min
Response: 8938799
Conc: 445.41 ng/ml



#37 AR-1262-2

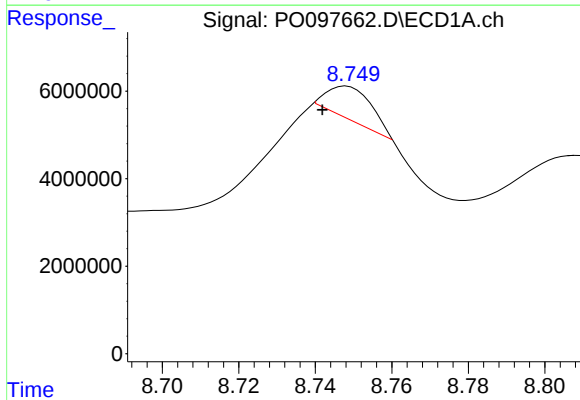
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 90097935
Conc: 411.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



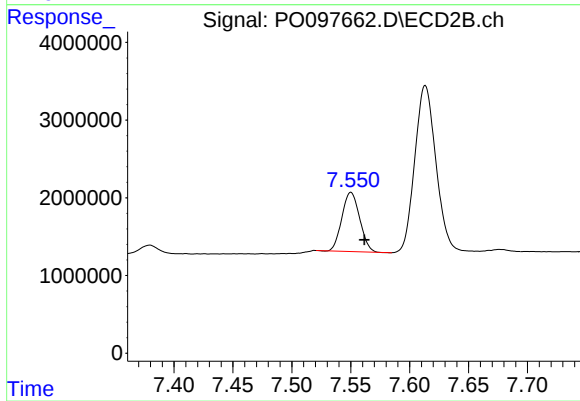
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: -0.010 min
Response: 16767121
Conc: 383.76 ng/ml



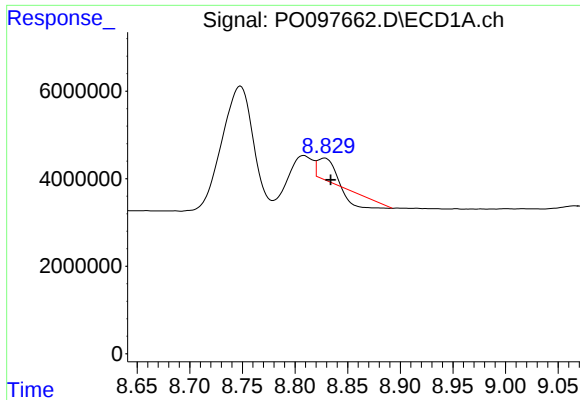
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.006 min
Response: 5580630
Conc: 36.00 ng/ml



#38 AR-1262-3

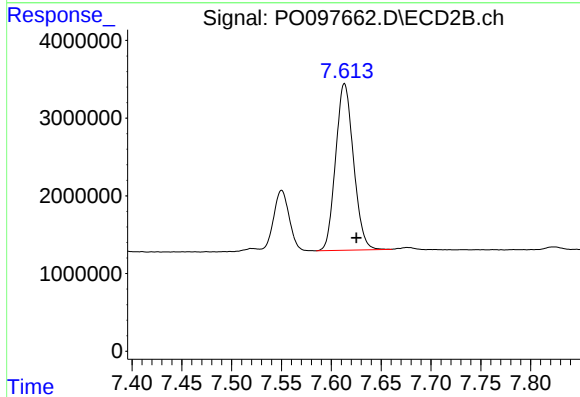
R.T.: 7.550 min
Delta R.T.: -0.011 min
Response: 8028232
Conc: 257.60 ng/ml



#39 AR-1262-4

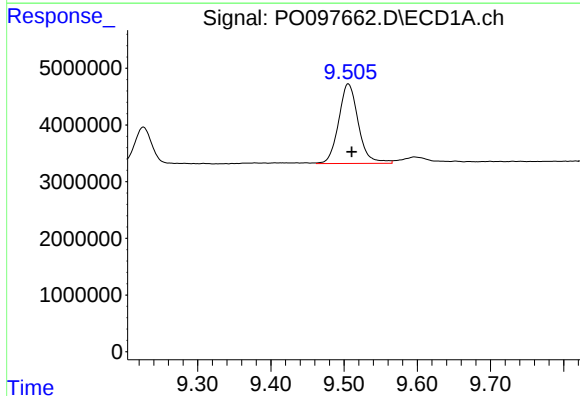
R.T.: 8.828 min
Delta R.T.: -0.006 min
Response: 527407
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



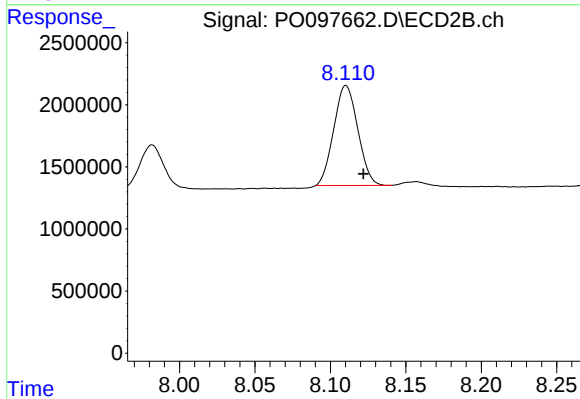
#39 AR-1262-4

R.T.: 7.613 min
Delta R.T.: -0.012 min
Response: 26757560
Conc: 475.70 ng/ml



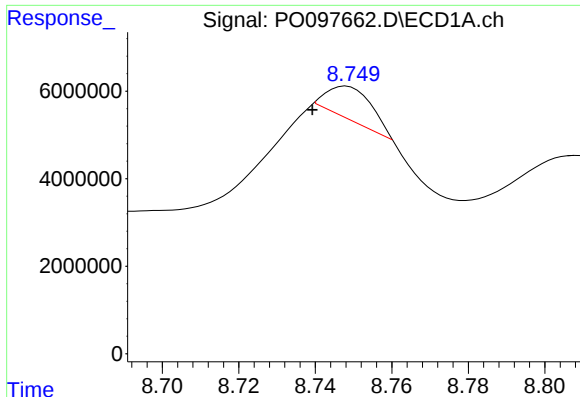
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: -0.005 min
Response: 26253449
Conc: 381.76 ng/ml



#40 AR-1262-5

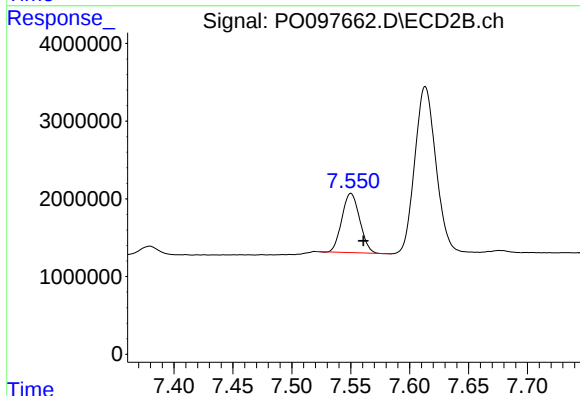
R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 8941500
Conc: 380.08 ng/ml



#41 AR-1268-1

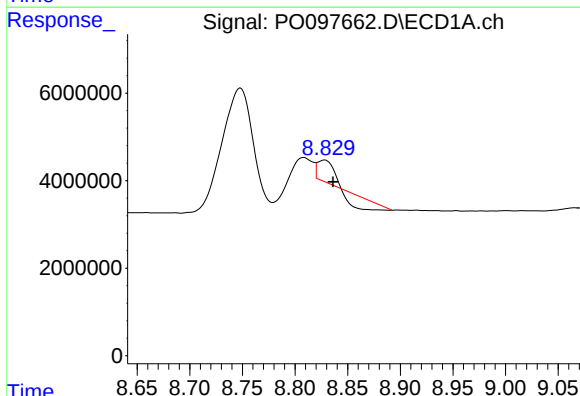
R.T.: 8.748 min
Delta R.T.: 0.009 min
Response: 5580630
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



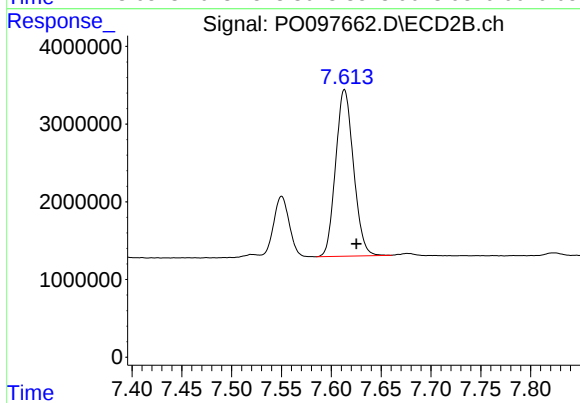
#41 AR-1268-1

R.T.: 7.550 min
Delta R.T.: -0.011 min
Response: 8028232
Conc: 83.87 ng/ml



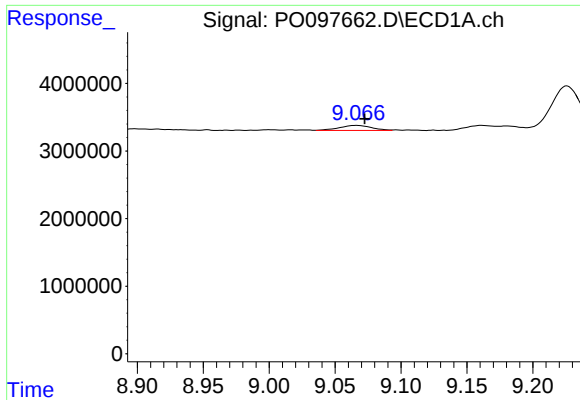
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: -0.008 min
Response: 527407
Conc: 2.08 ng/ml



#42 AR-1268-2

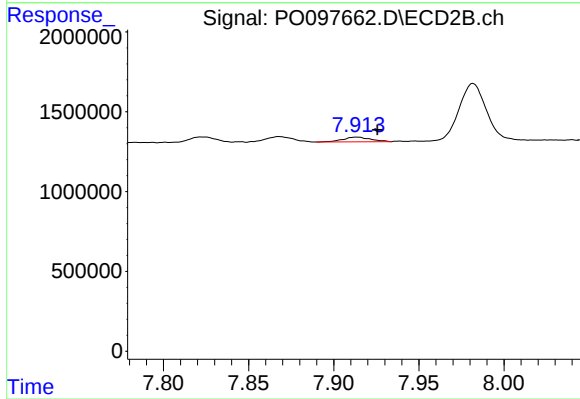
R.T.: 7.613 min
Delta R.T.: -0.012 min
Response: 26757560
Conc: 322.79 ng/ml



#43 AR-1268-3

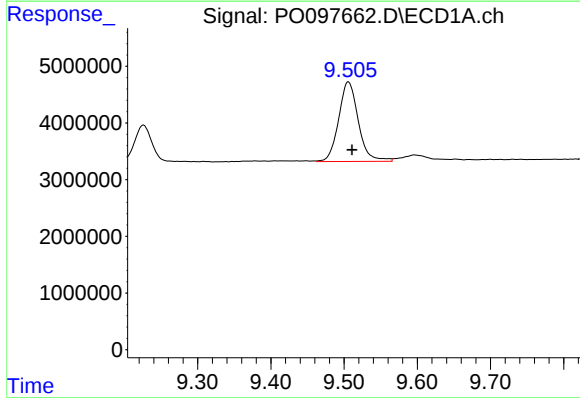
R.T.: 9.066 min
Delta R.T.: -0.007 min
Response: 1289883
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



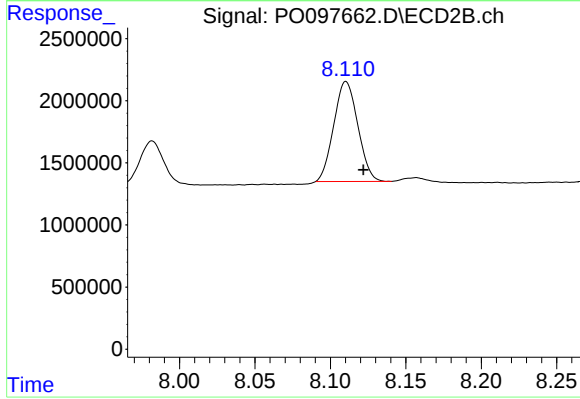
#43 AR-1268-3

R.T.: 7.914 min
Delta R.T.: -0.012 min
Response: 335179
Conc: 16.92 ng/ml



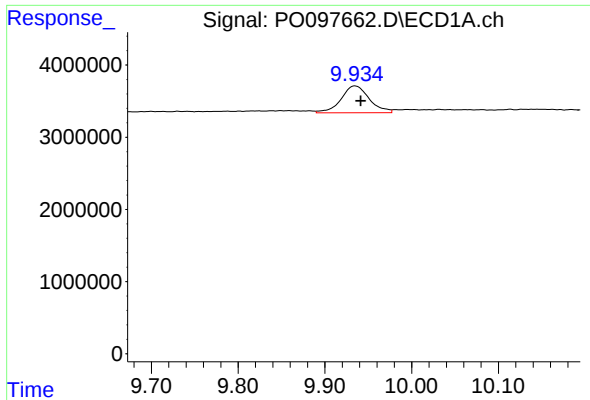
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: -0.005 min
Response: 26253449
Conc: 341.09 ng/ml



#44 AR-1268-4

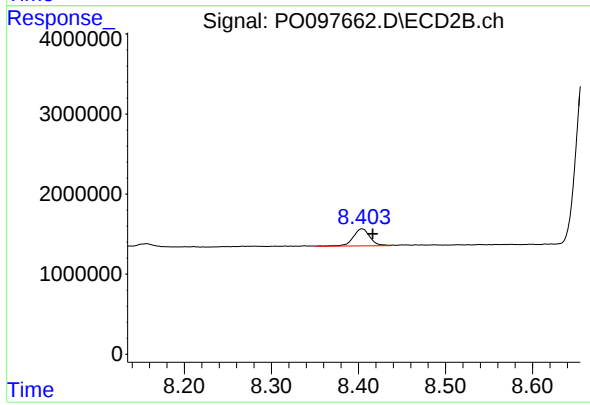
R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 8941500
Conc: 346.00 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: -0.007 min
Response: 8428216
Conc: 12.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.404 min
Delta R.T.: -0.012 min
Response: 2833438
Conc: 12.43 ng/ml