

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112118\
 Data File : PO051709.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2018 13:22
 Operator : SM/SJ
 Sample : J6017-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:46:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 21 00:55:28 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.318	3.321	17833243	5137602	23.689	21.464
2)	SA Decachlor...	9.937	8.042	12995497	3463292	28.014	16.021 #
Target Compounds							
3)	L1 AR-1016-1	5.479	4.337	3298130	2312833	145.946	311.873 #
4)	L1 AR-1016-2	5.506	4.337	2409286	2312833	71.295	189.106 #
5)	L1 AR-1016-3	5.589	4.507	13052921	1801120	653.995	295.001 #
6)	L1 AR-1016-4	5.658	4.552	5999407	3536937	361.253	666.561 #
7)	L1 AR-1016-5	5.951	4.751	10260622	1676903	644.782	256.950 #
8)	L2 AR-1221-1	4.563	0.000	2186429	0	307.521	N.D. #
9)	L2 AR-1221-2	4.617	3.594	835804	179401	159.516	103.467 #
10)	L2 AR-1221-3	4.704	0.000	2815843	0	170.816	N.D. #
11)	L3 AR-1232-1	4.704	0.000	2815843	0	212.038	N.D. #
12)	L3 AR-1232-2	5.211	4.337	7122369	2312833	980.542	431.848 #
13)	L3 AR-1232-3	5.506	4.507	2409286	1801120	168.282	689.058 #
14)	L3 AR-1232-4	5.658	4.591	5999407	1672909	842.656	759.016
15)	L3 AR-1232-5	5.748	4.751	12507433	1676903	2530.410	662.461 #
16)	L4 AR-1242-1	5.479	4.337	3298130	2312833	183.684	389.761 #
17)	L4 AR-1242-2	5.506	4.337	2409286	2312833	88.589	231.715 #
18)	L4 AR-1242-3	5.589	4.507	13052921	1801120	817.337	363.121 #
19)	L4 AR-1242-4	5.658	4.591	5999407	1672909	454.328	353.041
20)	L4 AR-1242-5	6.395	5.081	6791043	8054374	508.091	1336.201 #
21)	L5 AR-1248-1	5.479	4.337	3298130	2312833	214.233	429.338 #
22)	L5 AR-1248-2	5.748	4.552	12507433	3536937	588.334	448.254
23)	L5 AR-1248-3	5.951	4.591	10260622	1672909	432.457	213.391 #
24)	L5 AR-1248-4	6.355	4.751	7569064	1676903	286.379	172.847 #
25)	L5 AR-1248-5	6.395	5.120	6791043	9207358	270.806	975.214 #
26)	L6 AR-1254-1	6.326	5.081	16976492	8054374	687.371	585.855
27)	L6 AR-1254-2	6.554	5.223	59213119	7673090	1520.400	642.927 #
28)	L6 AR-1254-3	6.910	5.603	37278778	10663971	924.748	567.566 #
29)	L6 AR-1254-4	7.193	5.824	49351521	5902522	1582.245	517.505 #
30)	L6 AR-1254-5	7.610	6.224	29100927	10942058	945.097	693.322 #
31)	L7 AR-1260-1	7.073	5.729	20304411	10782410	674.363	794.802
32)	L7 AR-1260-2	7.326	5.911	19023662	8166974	450.625	470.629
33)	L7 AR-1260-3	7.670	6.053	12243755	5961921	421.429	389.208
34)	L7 AR-1260-4	7.930	6.506	95593869	1825756	3475.934	179.660 #
35)	L7 AR-1260-5	8.219	6.748	16393534	2988158	284.576	115.767 #
36)	L8 AR-1262-1	7.670	6.265	12243755	994164	261.404	53.214 #
37)	L8 AR-1262-2	8.219	6.748	16393534	2988158	234.512	99.052 #
38)	L8 AR-1262-3	8.514	7.020	15286735	1591564	346.523	127.521 #
39)	L8 AR-1262-4	8.610	7.087	35666307	10640159	1029.683	487.510 #
40)	L8 AR-1262-5	9.226	7.582	7035856	1424335	340.648	160.305 #
41)	L9 AR-1268-1	8.514	7.020	15286735	1591564	164.851	40.310 #

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 ALS Vial : 5 Sample Multiplier: 1

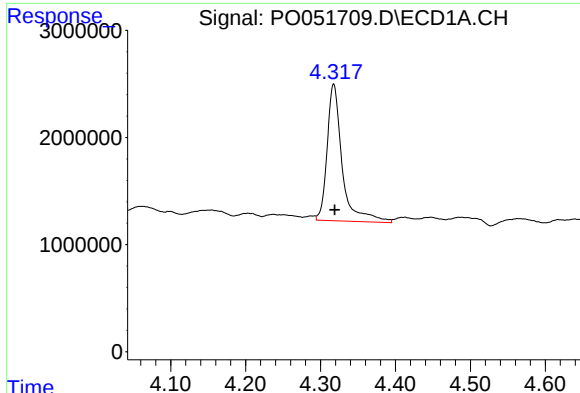
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:46:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
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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	8.610	7.087	35666307	10640159	447.008	288.325 #
43) L9	AR-1268-3	8.805	7.298	5755426	7921649	82.223	240.241 #
44) L9	AR-1268-4	9.226	7.582	7035856	1424335	284.045	126.590 #
45) L9	AR-1268-5	9.593	7.833	3363032	2007855	17.793	23.398 #

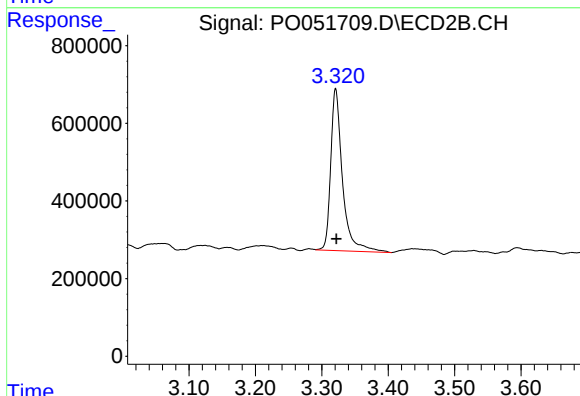
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

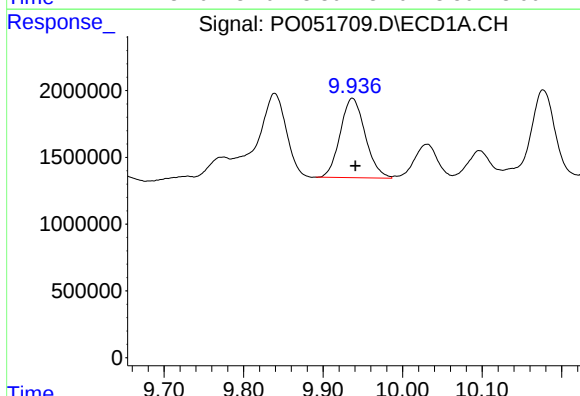
R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 17833243
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



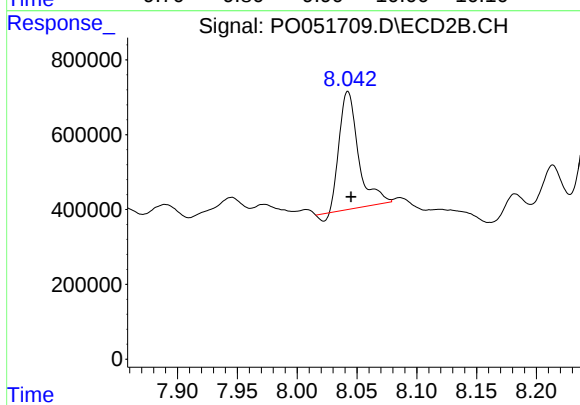
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.001 min
Response: 5137602
Conc: 21.46 ng/ml



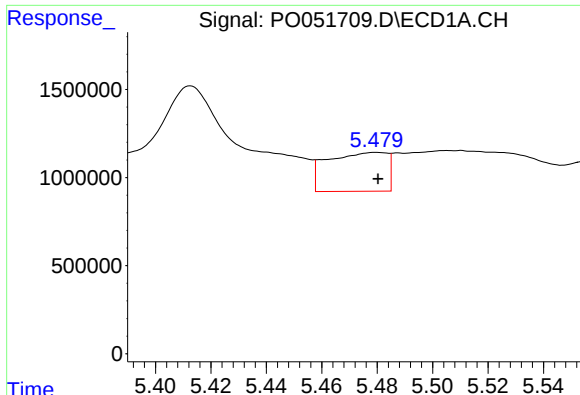
#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: -0.004 min
Response: 12995497
Conc: 28.01 ng/ml



#2 Decachlorobiphenyl

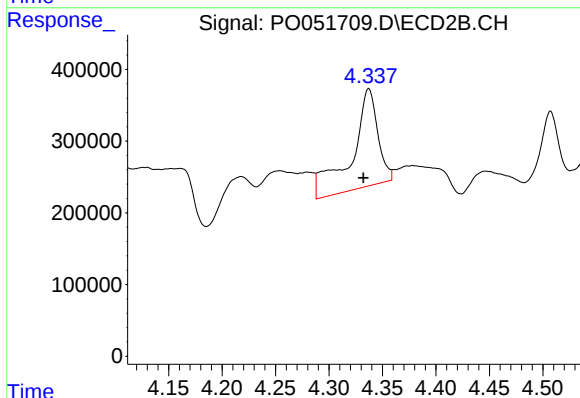
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 3463292
Conc: 16.02 ng/ml



#3 AR-1016-1

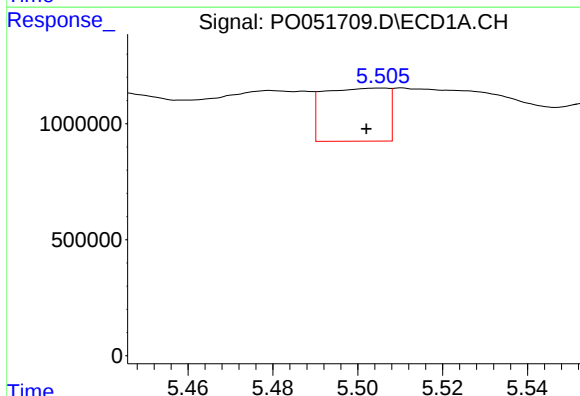
R.T.: 5.479 min
Delta R.T.: -0.001 min
Response: 3298130
Conc: 145.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



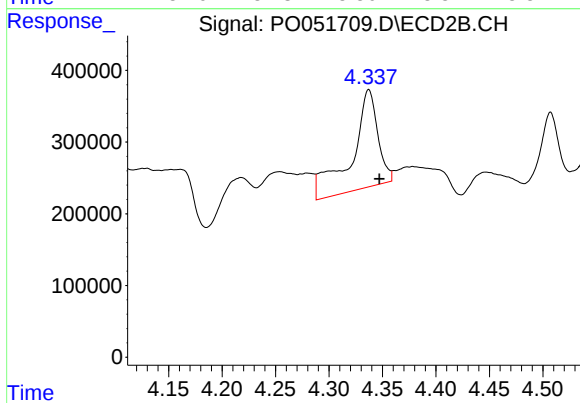
#3 AR-1016-1

R.T.: 4.337 min
Delta R.T.: 0.005 min
Response: 2312833
Conc: 311.87 ng/ml



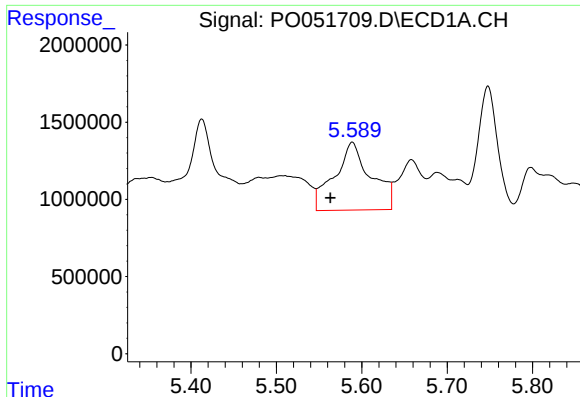
#4 AR-1016-2

R.T.: 5.506 min
Delta R.T.: 0.004 min
Response: 2409286
Conc: 71.30 ng/ml



#4 AR-1016-2

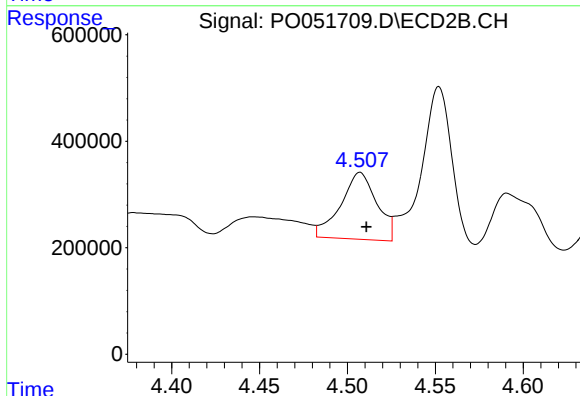
R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 2312833
Conc: 189.11 ng/ml



#5 AR-1016-3

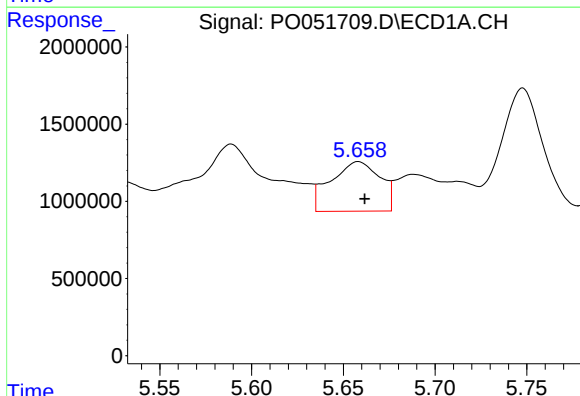
R.T.: 5.589 min
Delta R.T.: 0.026 min
Response: 13052921
Conc: 654.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



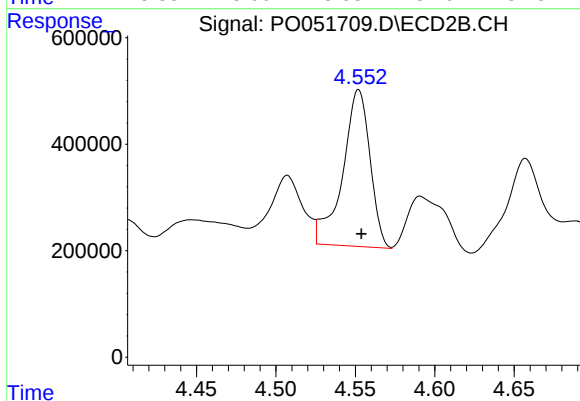
#5 AR-1016-3

R.T.: 4.507 min
Delta R.T.: -0.004 min
Response: 1801120
Conc: 295.00 ng/ml



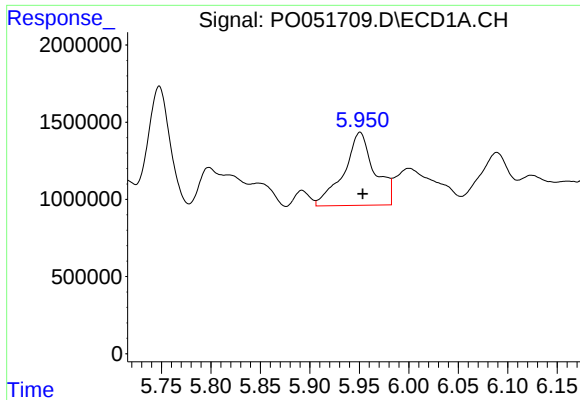
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 5999407
Conc: 361.25 ng/ml



#6 AR-1016-4

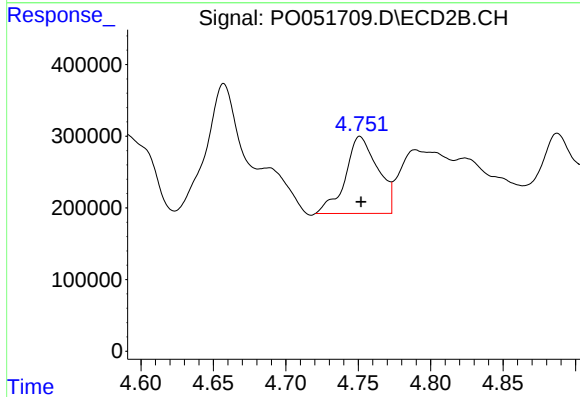
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 3536937
Conc: 666.56 ng/ml



#7 AR-1016-5

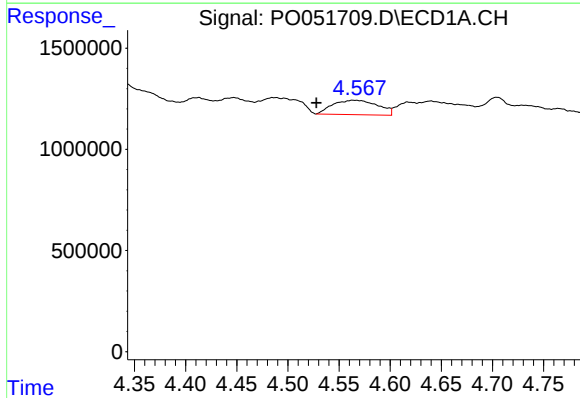
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 10260622
Conc: 644.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



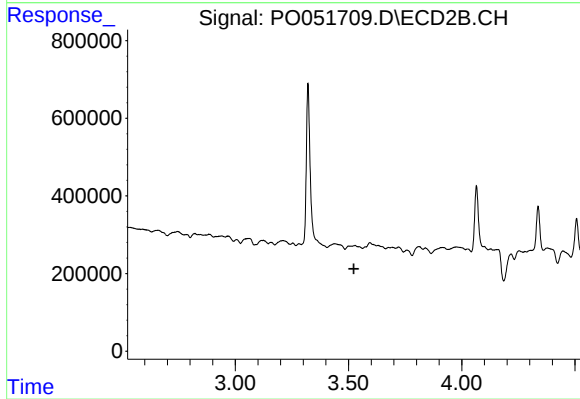
#7 AR-1016-5

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1676903
Conc: 256.95 ng/ml



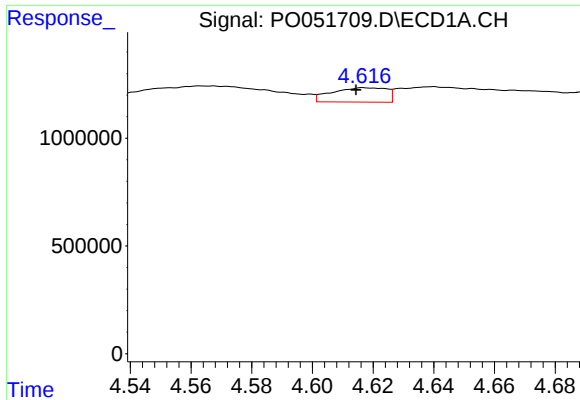
#8 AR-1221-1

R.T.: 4.563 min
Delta R.T.: 0.035 min
Response: 2186429
Conc: 307.52 ng/ml



#8 AR-1221-1

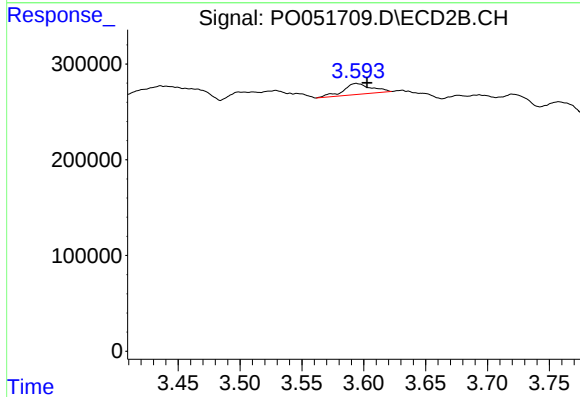
R.T.: 0.000 min
Exp R.T.: 3.523 min
Response: 0
Conc: N.D.



#9 AR-1221-2

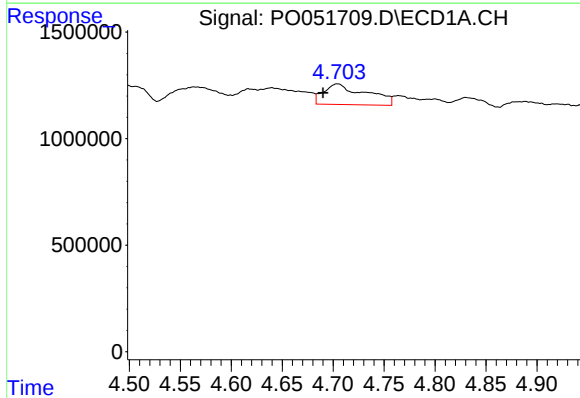
R.T.: 4.617 min
Delta R.T.: 0.002 min
Response: 835804
Conc: 159.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



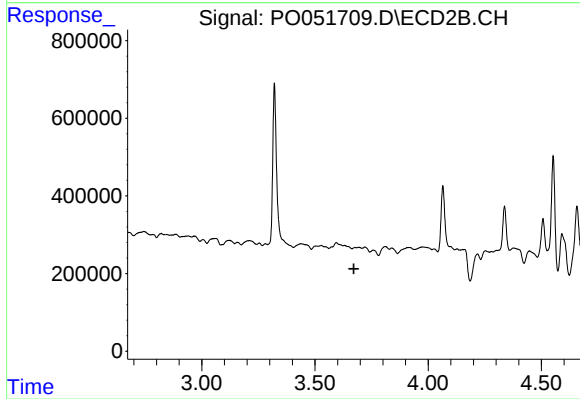
#9 AR-1221-2

R.T.: 3.594 min
Delta R.T.: -0.009 min
Response: 179401
Conc: 103.47 ng/ml



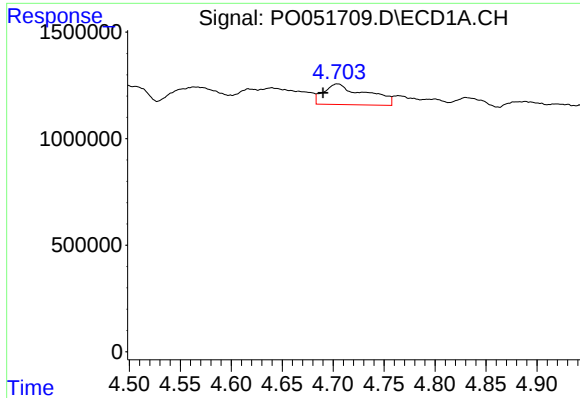
#10 AR-1221-3

R.T.: 4.704 min
Delta R.T.: 0.014 min
Response: 2815843
Conc: 170.82 ng/ml



#10 AR-1221-3

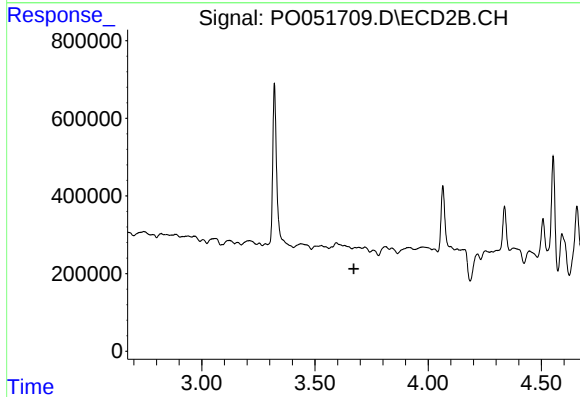
R.T.: 0.000 min
Exp R.T.: 3.672 min
Response: 0
Conc: N.D.



#11 AR-1232-1

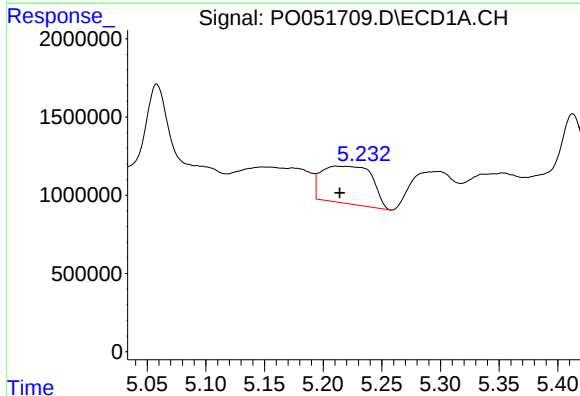
R.T.: 4.704 min
Delta R.T.: 0.014 min
Response: 2815843
Conc: 212.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



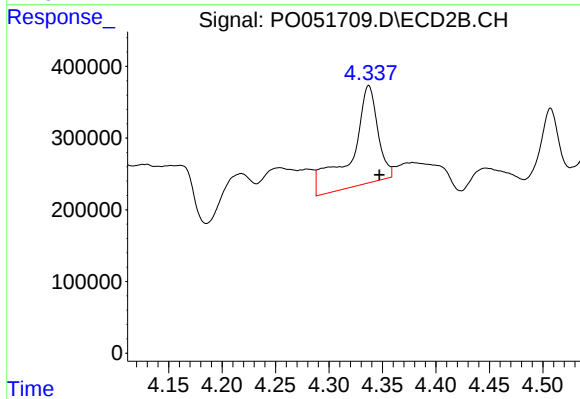
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.672 min
Response: 0
Conc: N.D.



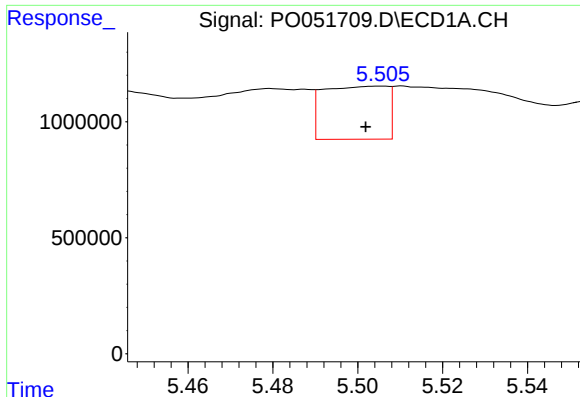
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 7122369
Conc: 980.54 ng/ml



#12 AR-1232-2

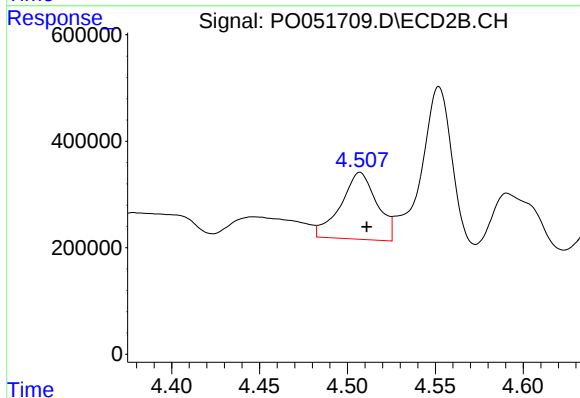
R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 2312833
Conc: 431.85 ng/ml



#13 AR-1232-3

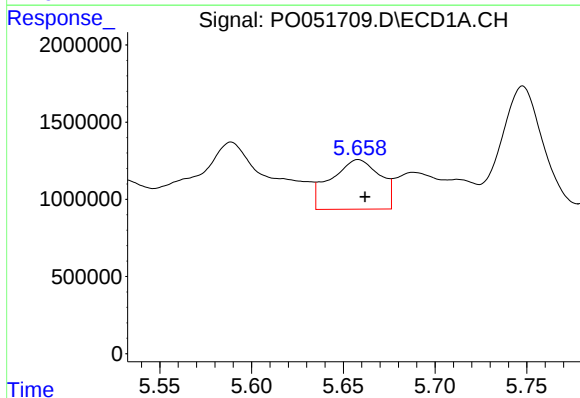
R.T.: 5.506 min
Delta R.T.: 0.004 min
Response: 2409286
Conc: 168.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



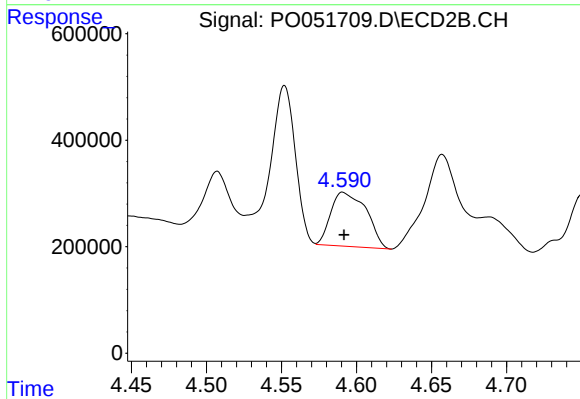
#13 AR-1232-3

R.T.: 4.507 min
Delta R.T.: -0.004 min
Response: 1801120
Conc: 689.06 ng/ml



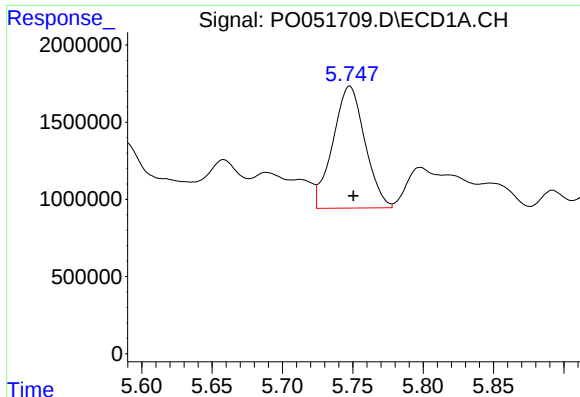
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 5999407
Conc: 842.66 ng/ml



#14 AR-1232-4

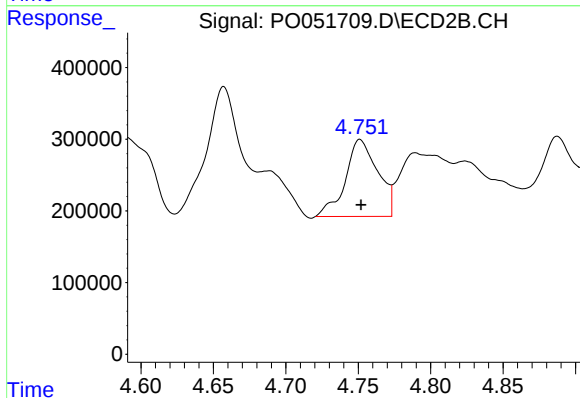
R.T.: 4.591 min
Delta R.T.: -0.001 min
Response: 1672909
Conc: 759.02 ng/ml



#15 AR-1232-5

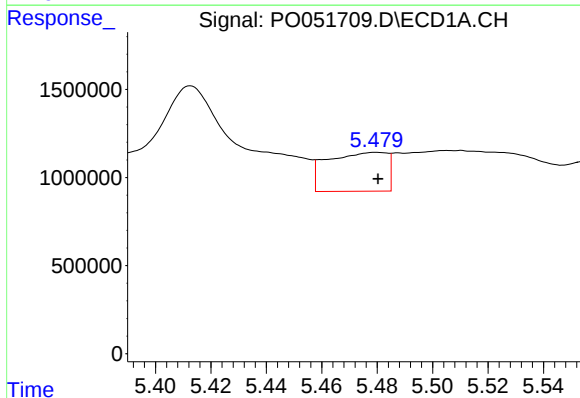
R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 12507433
Conc: 2530.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



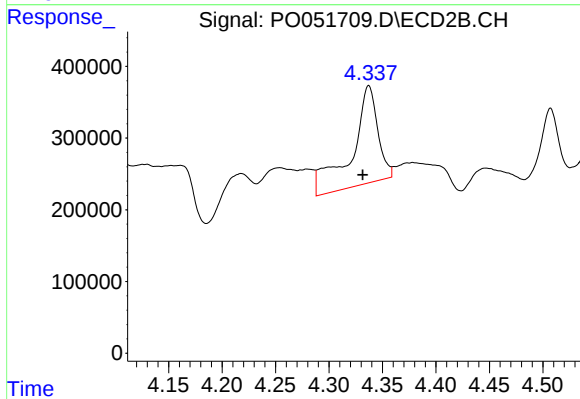
#15 AR-1232-5

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1676903
Conc: 662.46 ng/ml



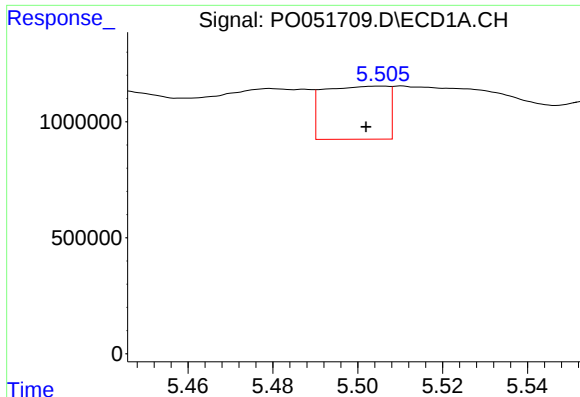
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.001 min
Response: 3298130
Conc: 183.68 ng/ml



#16 AR-1242-1

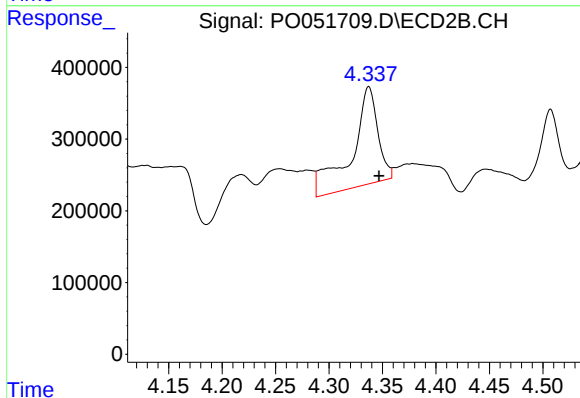
R.T.: 4.337 min
Delta R.T.: 0.006 min
Response: 2312833
Conc: 389.76 ng/ml



#17 AR-1242-2

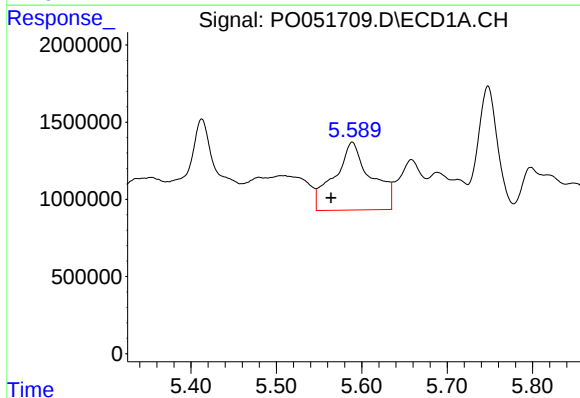
R.T.: 5.506 min
Delta R.T.: 0.004 min
Response: 2409286
Conc: 88.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



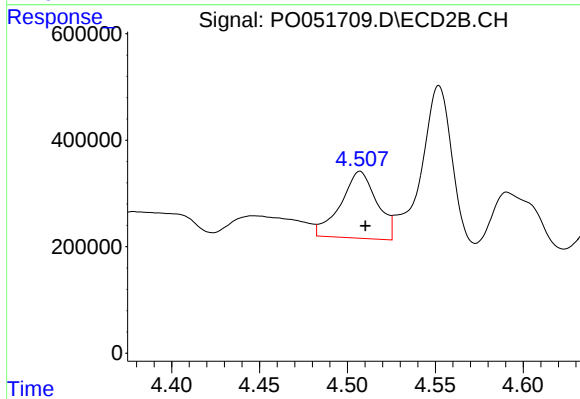
#17 AR-1242-2

R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 2312833
Conc: 231.72 ng/ml



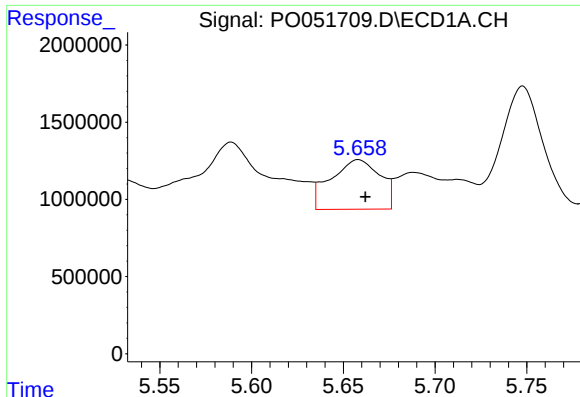
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.025 min
Response: 13052921
Conc: 817.34 ng/ml



#18 AR-1242-3

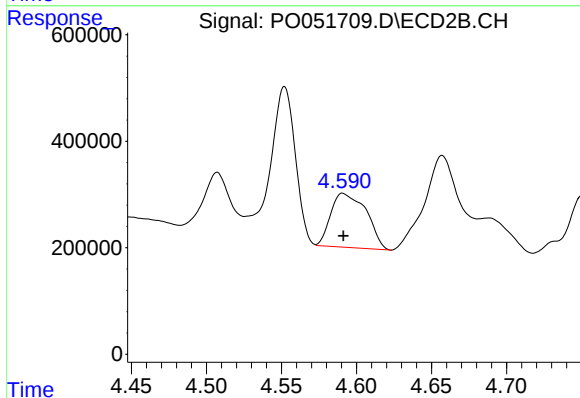
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 1801120
Conc: 363.12 ng/ml



#19 AR-1242-4

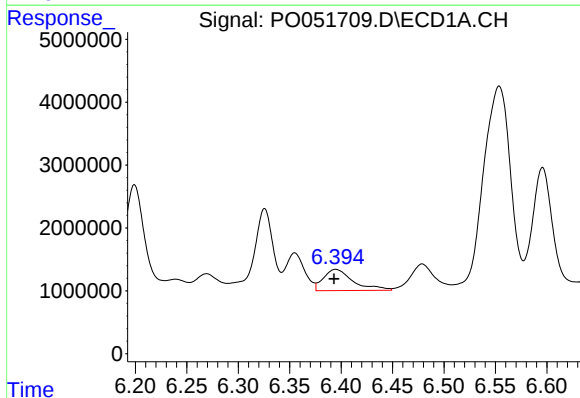
R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 5999407
Conc: 454.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



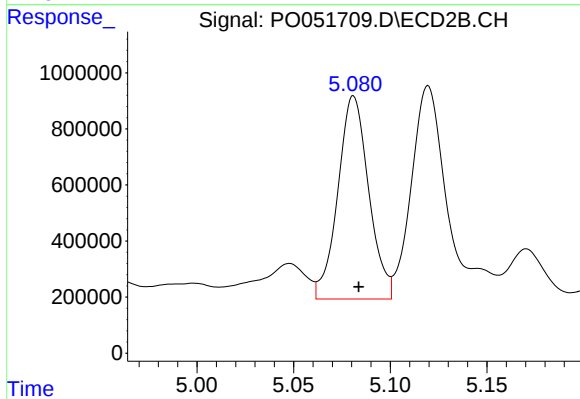
#19 AR-1242-4

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 1672909
Conc: 353.04 ng/ml



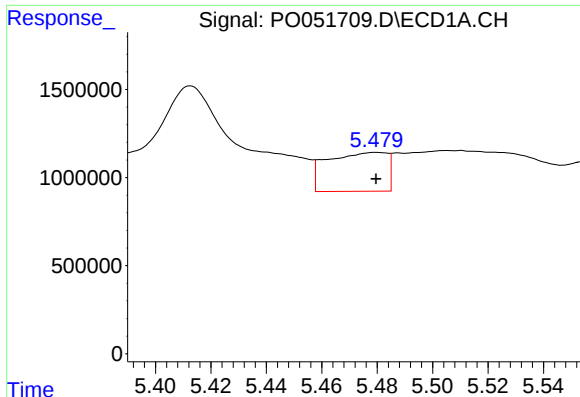
#20 AR-1242-5

R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 6791043
Conc: 508.09 ng/ml



#20 AR-1242-5

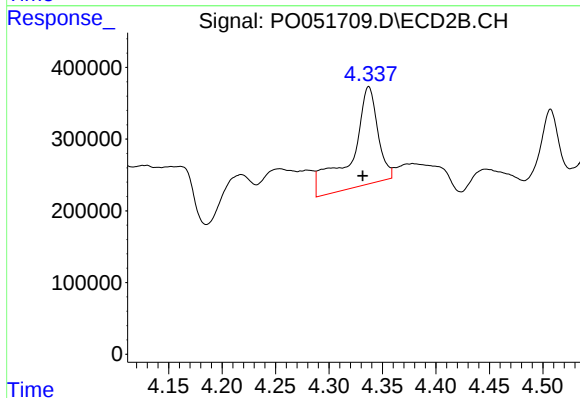
R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 8054374
Conc: 1336.20 ng/ml



#21 AR-1248-1

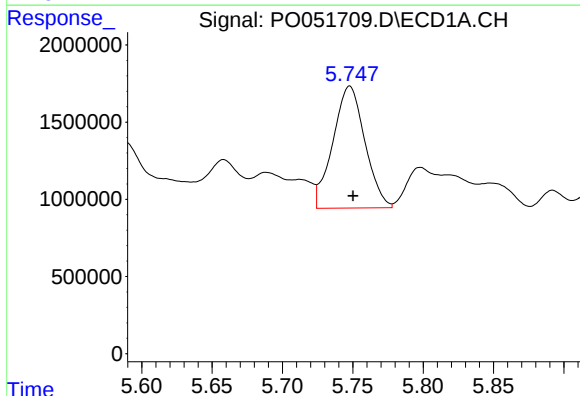
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 3298130
Conc: 214.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



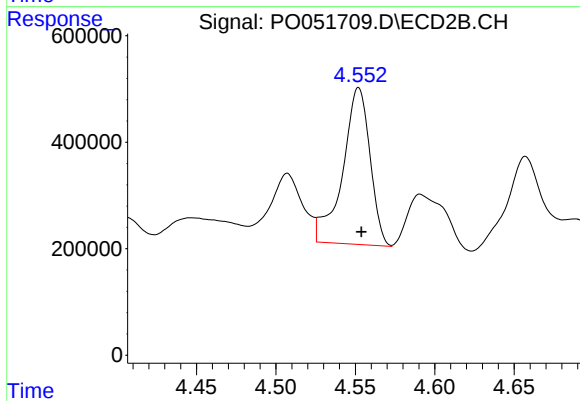
#21 AR-1248-1

R.T.: 4.337 min
Delta R.T.: 0.006 min
Response: 2312833
Conc: 429.34 ng/ml



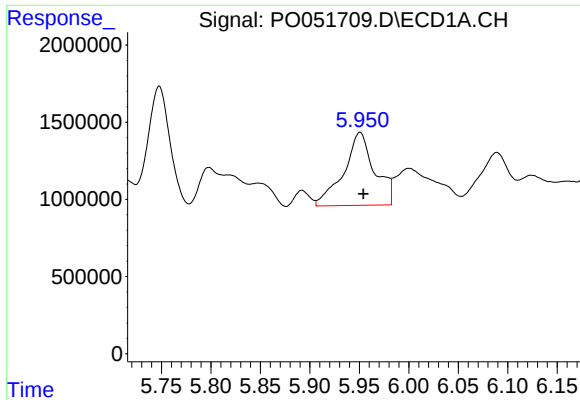
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 12507433
Conc: 588.33 ng/ml



#22 AR-1248-2

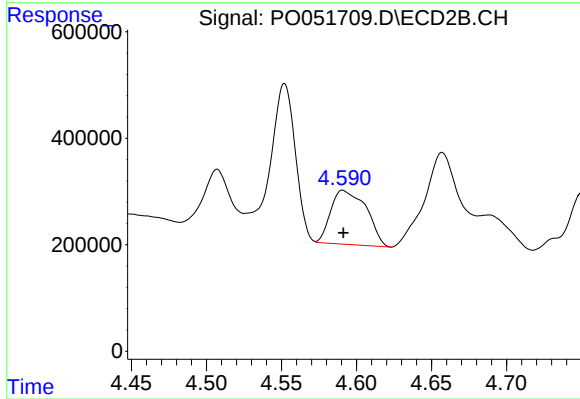
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 3536937
Conc: 448.25 ng/ml



#23 AR-1248-3

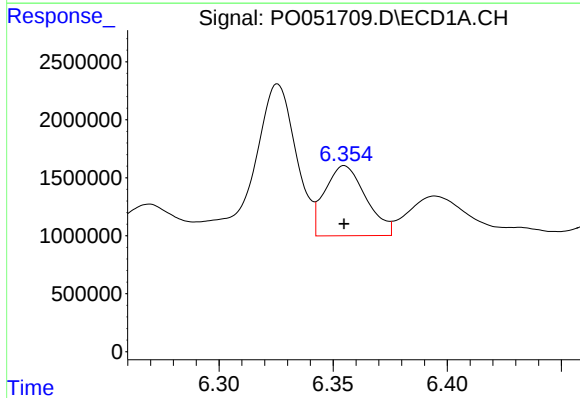
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 10260622
Conc: 432.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



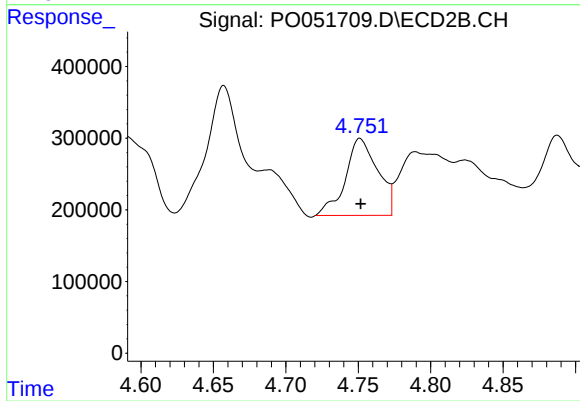
#23 AR-1248-3

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 1672909
Conc: 213.39 ng/ml



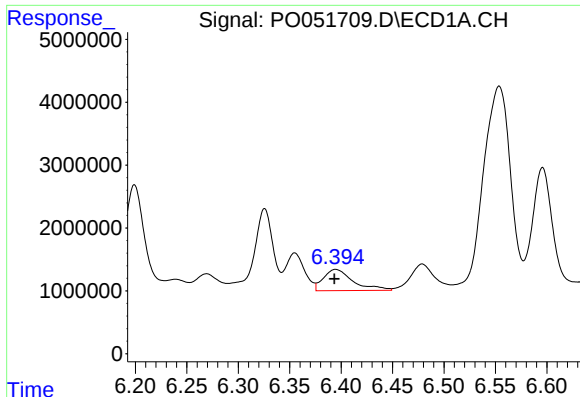
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 7569064
Conc: 286.38 ng/ml



#24 AR-1248-4

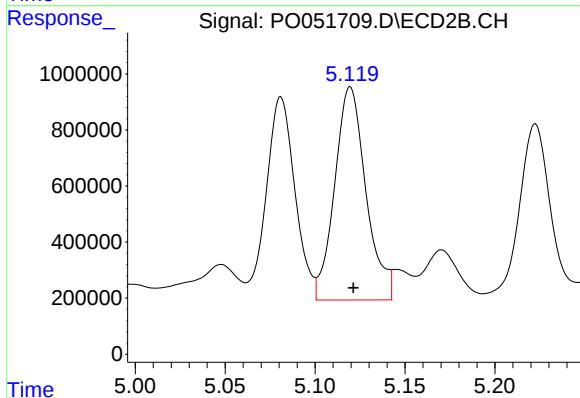
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1676903
Conc: 172.85 ng/ml



#25 AR-1248-5

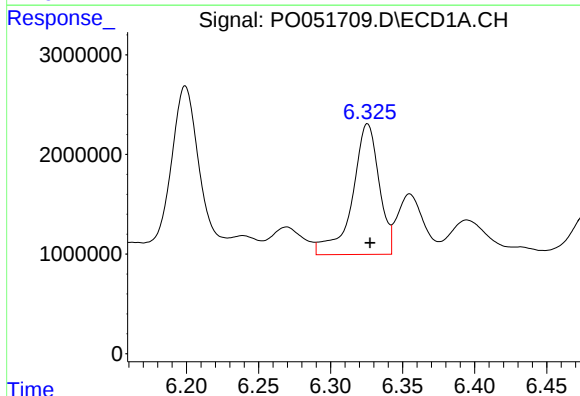
R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 6791043
Conc: 270.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



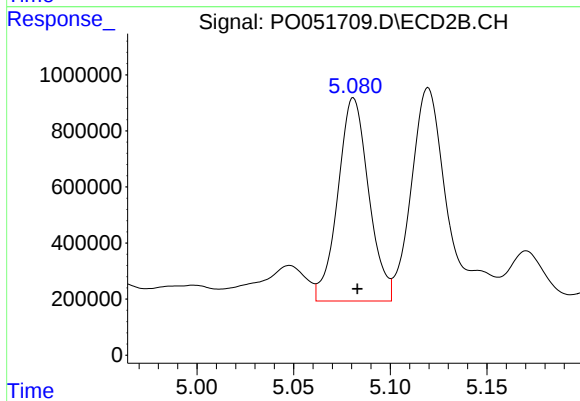
#25 AR-1248-5

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 9207358
Conc: 975.21 ng/ml



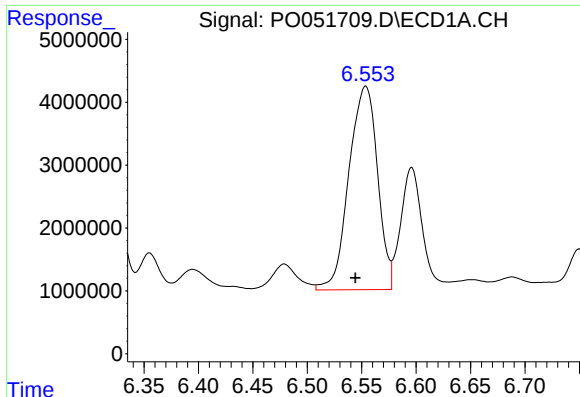
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 16976492
Conc: 687.37 ng/ml



#26 AR-1254-1

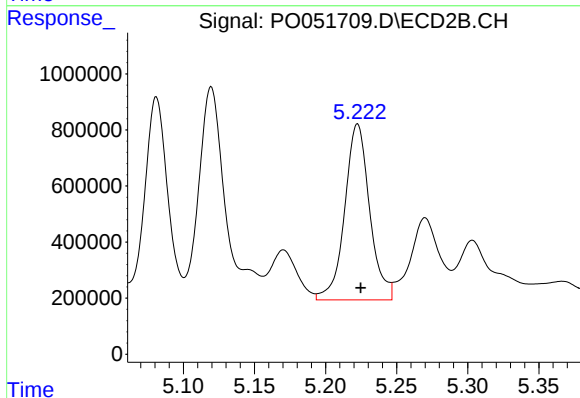
R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 8054374
Conc: 585.85 ng/ml



#27 AR-1254-2

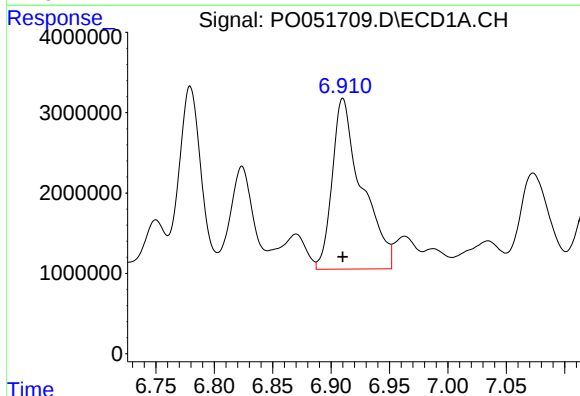
R.T.: 6.554 min
Delta R.T.: 0.010 min
Response: 59213119
Conc: 1520.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



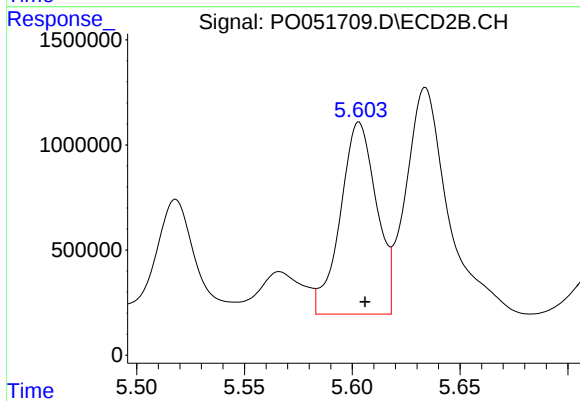
#27 AR-1254-2

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 7673090
Conc: 642.93 ng/ml



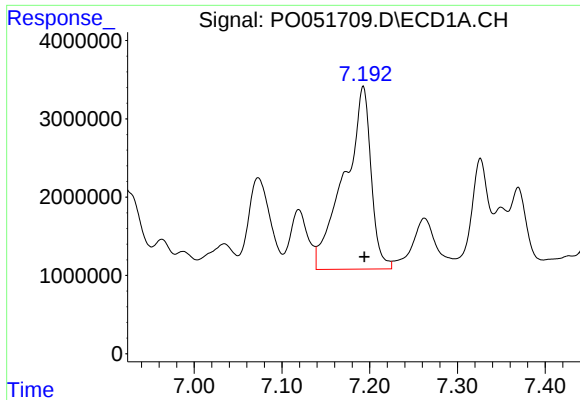
#28 AR-1254-3

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 37278778
Conc: 924.75 ng/ml



#28 AR-1254-3

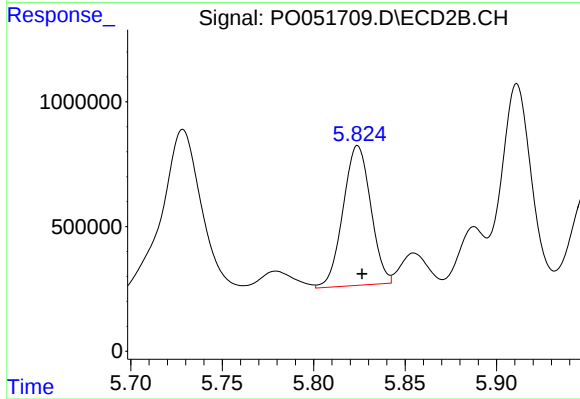
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 10663971
Conc: 567.57 ng/ml



#29 AR-1254-4

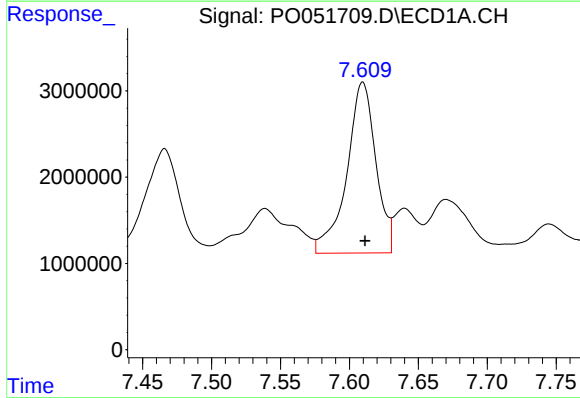
R.T.: 7.193 min
Delta R.T.: -0.001 min
Response: 49351521
Conc: 1582.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



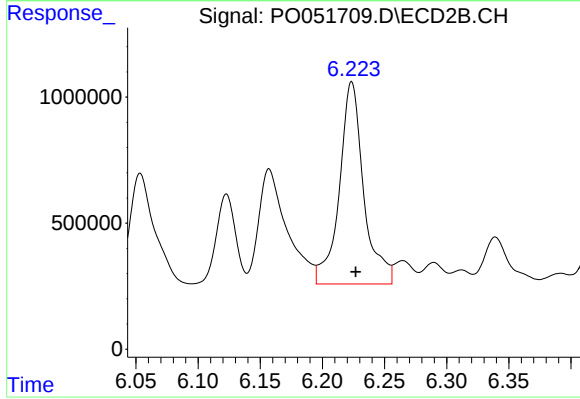
#29 AR-1254-4

R.T.: 5.824 min
Delta R.T.: -0.002 min
Response: 5902522
Conc: 517.50 ng/ml



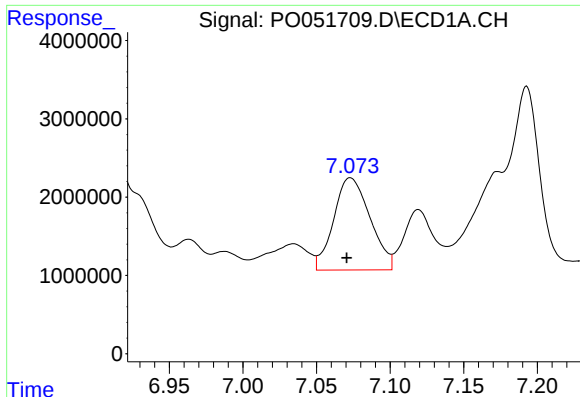
#30 AR-1254-5

R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 29100927
Conc: 945.10 ng/ml



#30 AR-1254-5

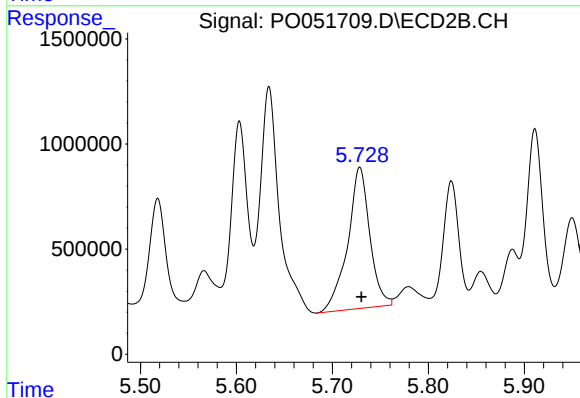
R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 10942058
Conc: 693.32 ng/ml



#31 AR-1260-1

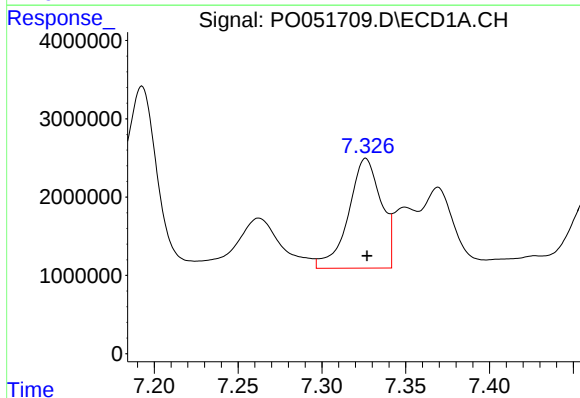
R.T.: 7.073 min
Delta R.T.: 0.003 min
Response: 20304411
Conc: 674.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



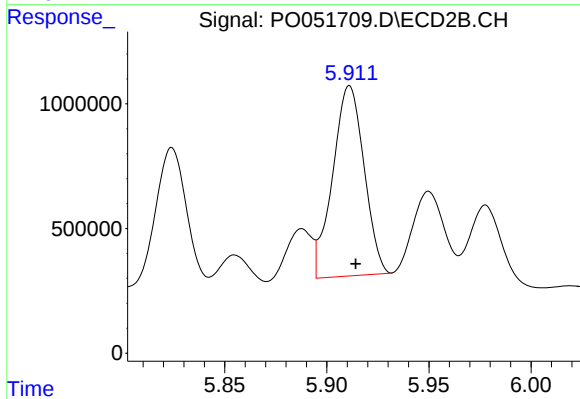
#31 AR-1260-1

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 10782410
Conc: 794.80 ng/ml



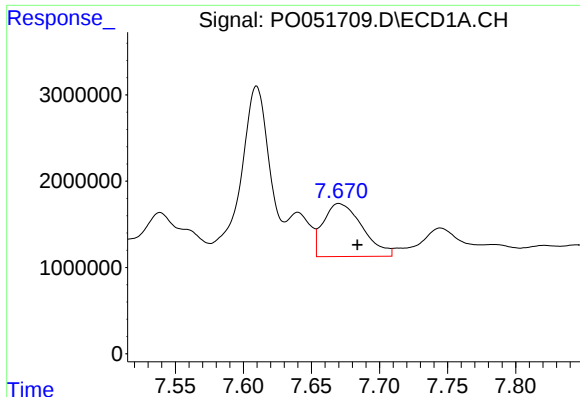
#32 AR-1260-2

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 19023662
Conc: 450.62 ng/ml



#32 AR-1260-2

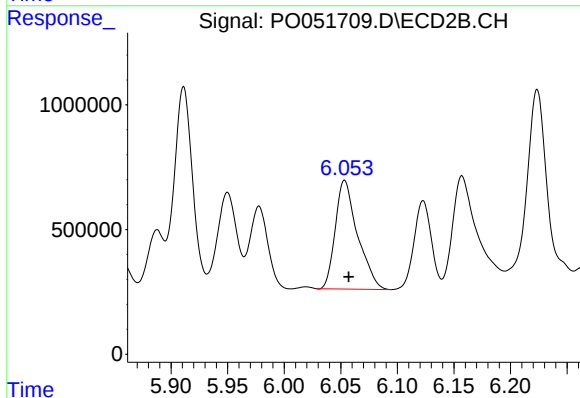
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 8166974
Conc: 470.63 ng/ml



#33 AR-1260-3

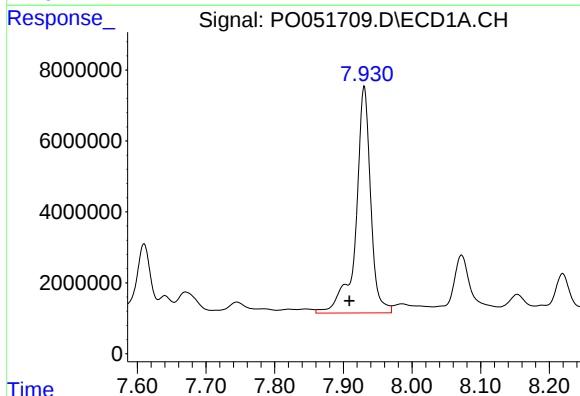
R.T.: 7.670 min
Delta R.T.: -0.014 min
Response: 12243755
Conc: 421.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



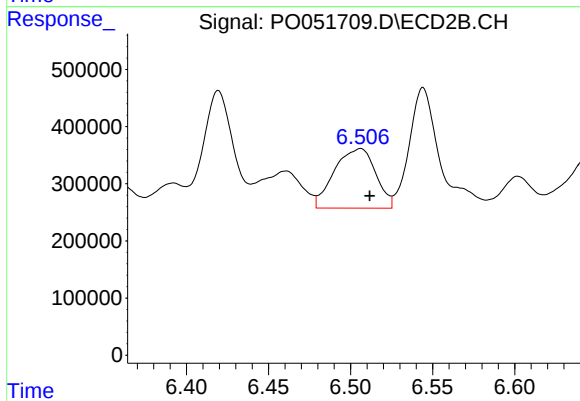
#33 AR-1260-3

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 5961921
Conc: 389.21 ng/ml



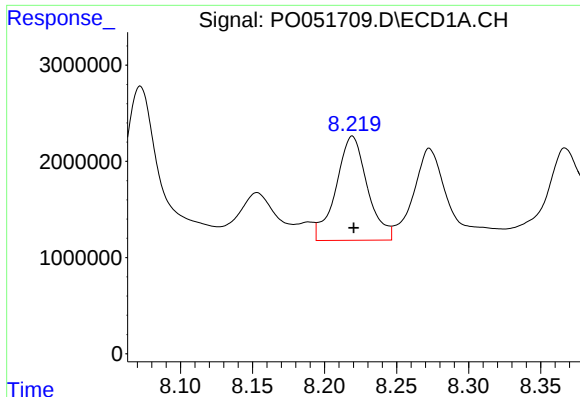
#34 AR-1260-4

R.T.: 7.930 min
Delta R.T.: 0.022 min
Response: 95593869
Conc: 3475.93 ng/ml



#34 AR-1260-4

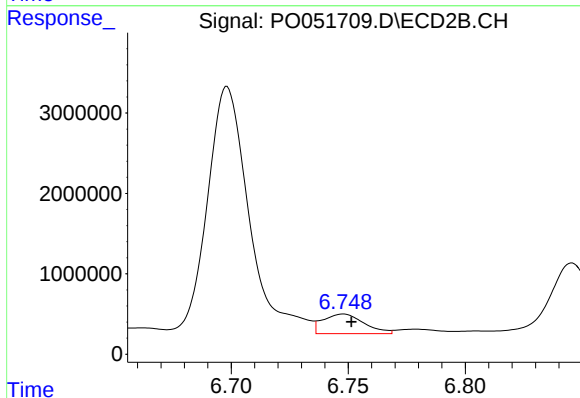
R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 1825756
Conc: 179.66 ng/ml



#35 AR-1260-5

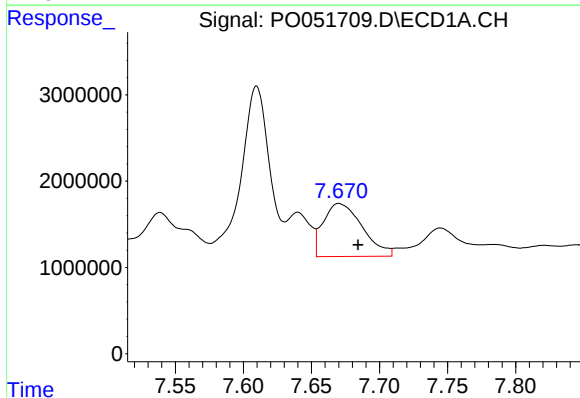
R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 16393534
Conc: 284.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



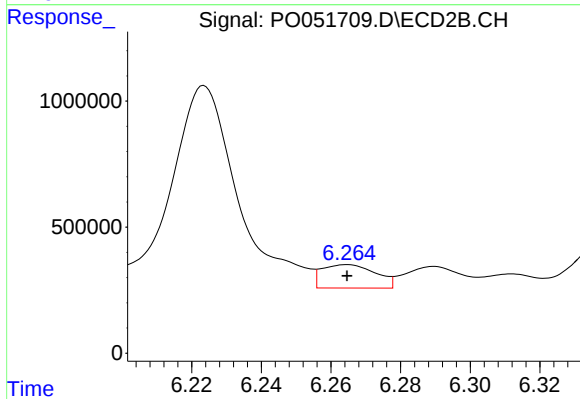
#35 AR-1260-5

R.T.: 6.748 min
Delta R.T.: -0.003 min
Response: 2988158
Conc: 115.77 ng/ml



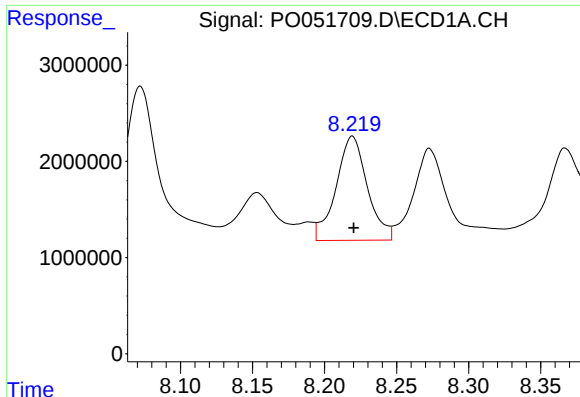
#36 AR-1262-1

R.T.: 7.670 min
Delta R.T.: -0.014 min
Response: 12243755
Conc: 261.40 ng/ml



#36 AR-1262-1

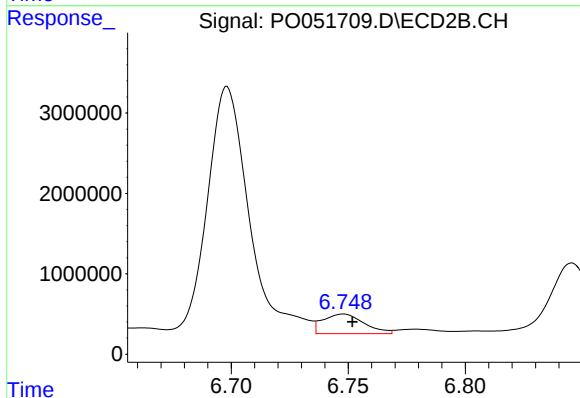
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 994164
Conc: 53.21 ng/ml



#37 AR-1262-2

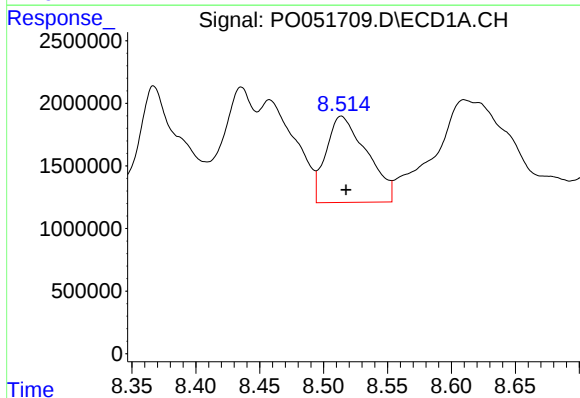
R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 16393534
Conc: 234.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



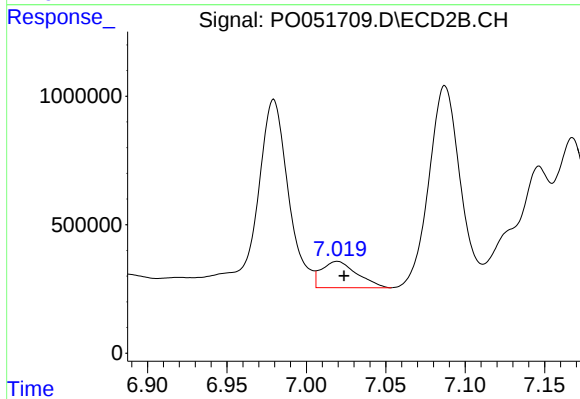
#37 AR-1262-2

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 2988158
Conc: 99.05 ng/ml



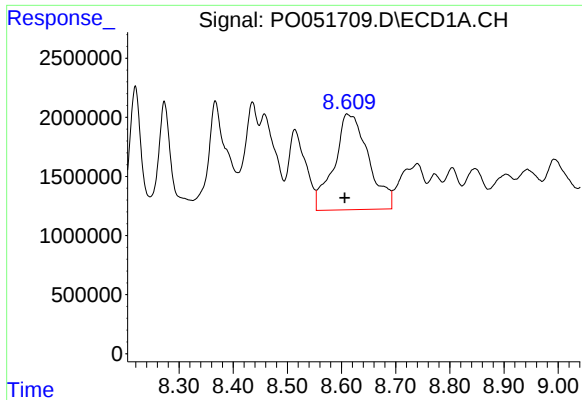
#38 AR-1262-3

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 15286735
Conc: 346.52 ng/ml



#38 AR-1262-3

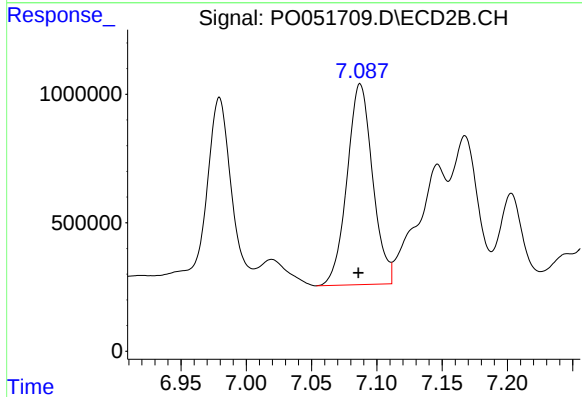
R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 1591564
Conc: 127.52 ng/ml



#39 AR-1262-4

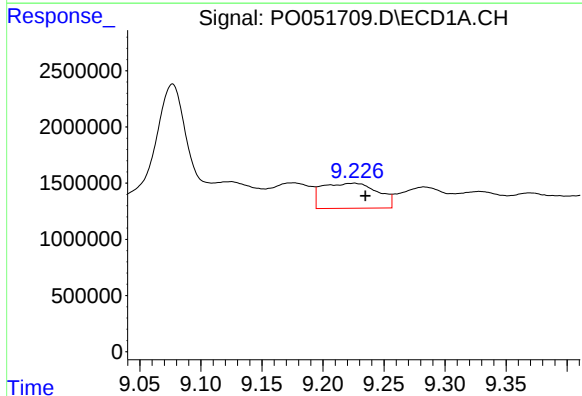
R.T.: 8.610 min
Delta R.T.: 0.004 min
Response: 35666307
Conc: 1029.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



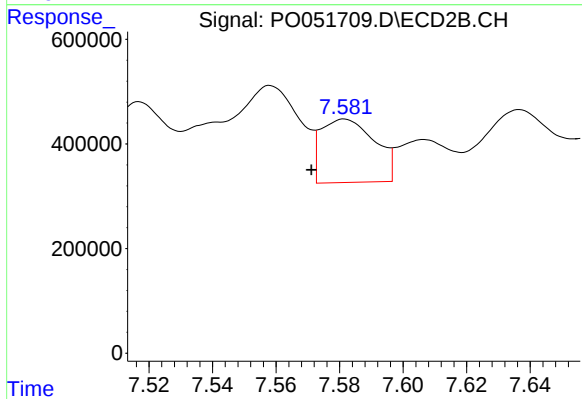
#39 AR-1262-4

R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 10640159
Conc: 487.51 ng/ml



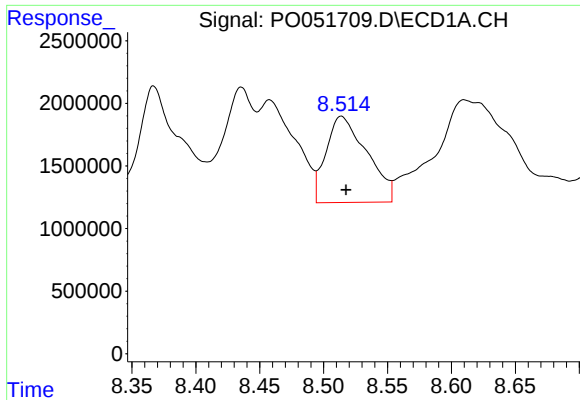
#40 AR-1262-5

R.T.: 9.226 min
Delta R.T.: -0.009 min
Response: 7035856
Conc: 340.65 ng/ml



#40 AR-1262-5

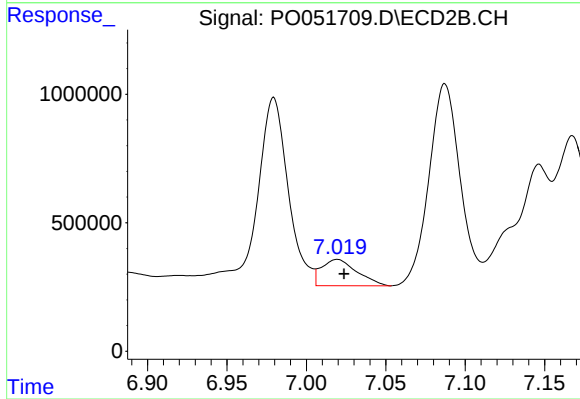
R.T.: 7.582 min
Delta R.T.: 0.010 min
Response: 1424335
Conc: 160.30 ng/ml



#41 AR-1268-1

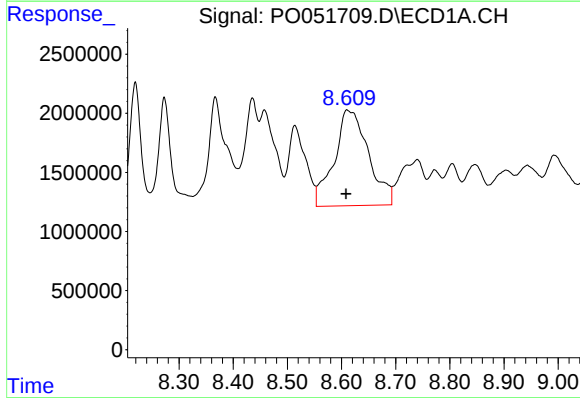
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 15286735
Conc: 164.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



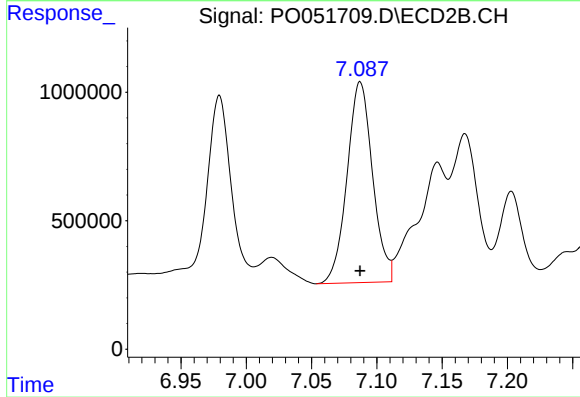
#41 AR-1268-1

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 1591564
Conc: 40.31 ng/ml



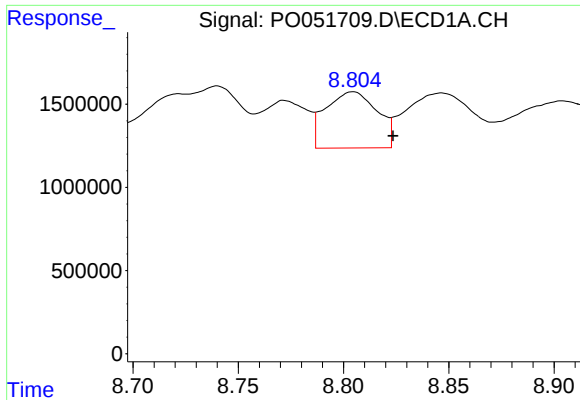
#42 AR-1268-2

R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 35666307
Conc: 447.01 ng/ml



#42 AR-1268-2

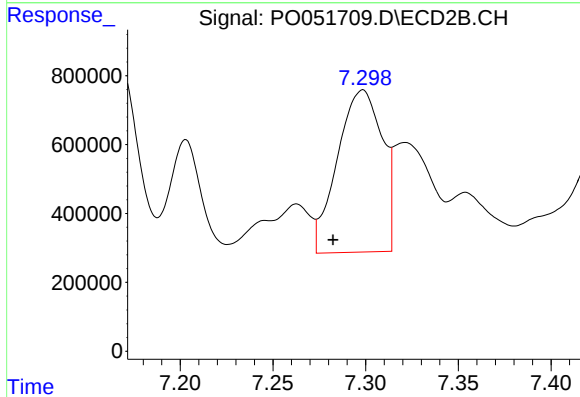
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 10640159
Conc: 288.33 ng/ml



#43 AR-1268-3

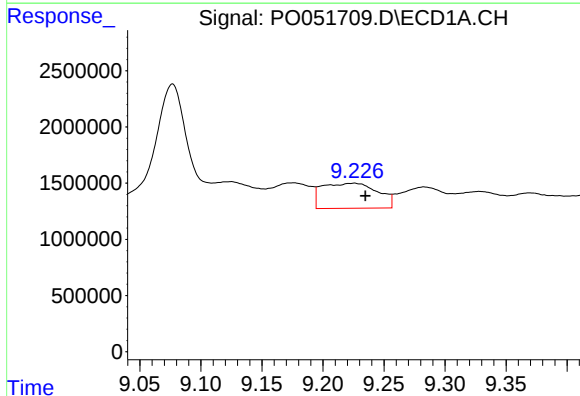
R.T.: 8.805 min
Delta R.T.: -0.019 min
Response: 5755426
Conc: 82.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



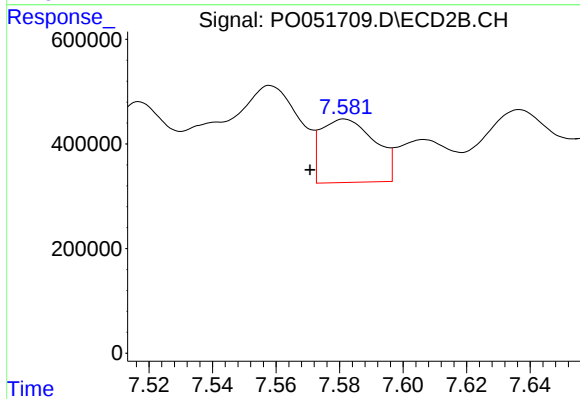
#43 AR-1268-3

R.T.: 7.298 min
Delta R.T.: 0.016 min
Response: 7921649
Conc: 240.24 ng/ml



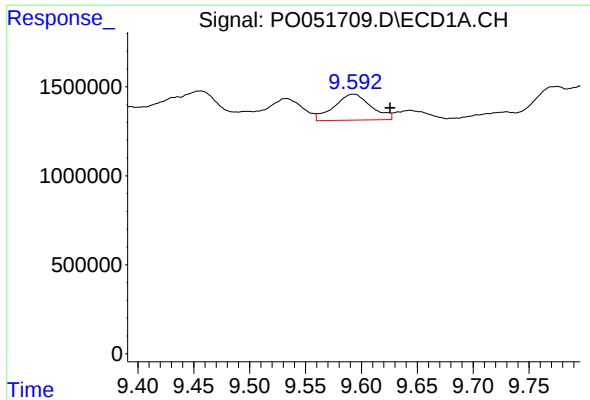
#44 AR-1268-4

R.T.: 9.226 min
Delta R.T.: -0.009 min
Response: 7035856
Conc: 284.04 ng/ml



#44 AR-1268-4

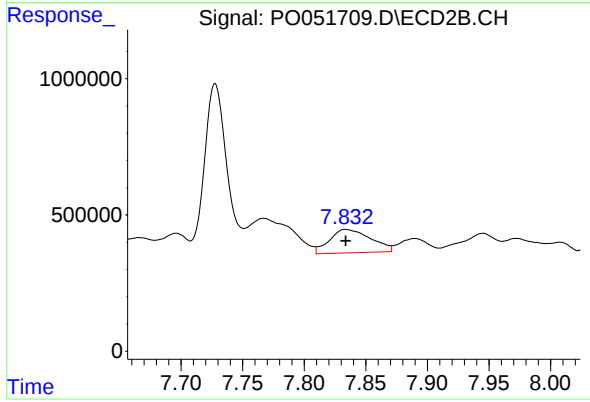
R.T.: 7.582 min
Delta R.T.: 0.011 min
Response: 1424335
Conc: 126.59 ng/ml



#45 AR-1268-5

R.T.: 9.593 min
Delta R.T.: -0.033 min
Response: 3363032
Conc: 17.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 2007855
Conc: 23.40 ng/ml