

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041323\
 Data File : P0094191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 11:42
 Operator : YP/AJ
 Sample : 02291-01
 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: Apr 13 22:47:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.422	3.626	23483303	10596569	6.282	8.321 #
2)	SA Decachlor...	10.251	8.646	18372589	7293380	8.213	7.295
Target Compounds							
3)	L1 AR-1016-1	5.585	4.721	3078073	7290787	30.099	205.475 #
4)	L1 AR-1016-2	5.653	4.721	1222798	7290787	7.846	134.987 #
5)	L1 AR-1016-3	5.677	4.902	2227811	2727402	22.587	96.227 #
6)	L1 AR-1016-4	5.773	4.952	3882356	4331762	52.801	164.046 #
7)	L1 AR-1016-5	6.068	5.164	2658318	381415	31.399	11.656 #
8)	L2 AR-1221-1	4.608	3.810	5371101	1277955	116.460	81.613 #
9)	L2 AR-1221-2	4.711	3.924	3726366	912356	108.556	77.302 #
10)	L2 AR-1221-3	4.810	3.969	1358750	727847	12.973	19.758 #
11)	L3 AR-1232-1	4.810	3.969	1358750	727847	15.568	23.298 #
12)	L3 AR-1232-2	5.329	4.721	813131	7290787	19.014	275.398 #
13)	L3 AR-1232-3	5.653	4.902	1222798	2727402	16.647	206.791 #
14)	L3 AR-1232-4	5.773	5.008	3882356	3418287	112.786	240.538 #
15)	L3 AR-1232-5	5.857	5.164	10799505	381415	340.009	24.689 #
16)	L4 AR-1242-1	5.585	4.721	3078073	7290787	35.265	236.925 #
17)	L4 AR-1242-2	5.653	4.721	1222798	7290787	9.196	158.516 #
18)	L4 AR-1242-3	5.677	4.902	2227811	2727402	26.244	112.543 #
19)	L4 AR-1242-4	5.773	5.008	3882356	3418287	62.137	121.761 #
20)	L4 AR-1242-5	6.517	5.533	57036487	2414200	847.116	84.676 #
21)	L5 AR-1248-1	5.585	4.721	3078073	7290787	45.749	305.673 #
22)	L5 AR-1248-2	5.857	4.952	10799505	4331762	98.728	108.748
23)	L5 AR-1248-3	6.068	5.008	2658318	3418287	22.020	81.897 #
24)	L5 AR-1248-4	6.467	5.164	8427352	381415	78.469	8.111 #
25)	L5 AR-1248-5	6.517	5.554	57036487	3709608	491.593	99.363 #
26)	L6 AR-1254-1	6.467	5.533	8427352	2414200	62.136	35.319 #
27)	L6 AR-1254-2	6.692	5.684	70784591	4761481	362.119	78.178 #
28)	L6 AR-1254-3	7.034	6.088	34436700	22440086	186.403	246.356 #
29)	L6 AR-1254-4	7.352	6.291	8107389	4634441	79.945	108.802 #
30)	L6 AR-1254-5	7.767	6.723	7622530	802970	56.212	11.129 #
31)	L7 AR-1260-1	7.205	6.203	9783837	9580713	67.028	146.918 #
32)	L7 AR-1260-2	7.483	6.365	16463167	11830375	102.860	162.899 #
33)	L7 AR-1260-3	7.857	6.572	9691961	4399443	72.994	60.621
34)	L7 AR-1260-4	8.075	7.027	21025268	1971685	152.641	35.505 #
35)	L7 AR-1260-5	8.379	7.293	1983255	1741187	9.106	16.779 #
36)	L8 AR-1262-1	7.820	6.789	6022168	1880637	35.254	53.751 #
37)	L8 AR-1262-2	8.379	7.027	1983255	1971685	8.532	27.907 #
38)	L8 AR-1262-3	8.690	7.543	3460932	1859652	21.128	37.168 #
39)	L8 AR-1262-4	8.806	7.612	8013269	4565767	79.978	55.055 #
40)	L8 AR-1262-5	9.447	0.000	996298	0	12.379	N.D. #
41)	L9 AR-1268-1	8.690	7.543	3460932	1859652	10.283	12.174

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 ALS Vial : 9 Sample Multiplier: 1

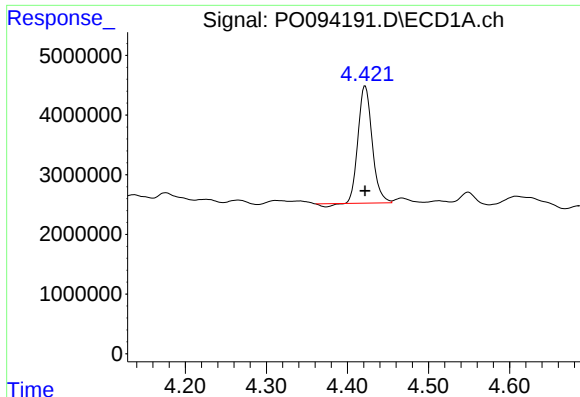
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:47:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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 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	8.806	7.612	8013269	4565767	24.899	33.606 #
43) L9	AR-1268-3	9.043	7.833	935850	461934	3.300	3.529
44) L9	AR-1268-4	9.447	0.000	996298	0	10.304	N.D. #
45) L9	AR-1268-5	9.908	8.391	471018	525394	0.561	1.499 #

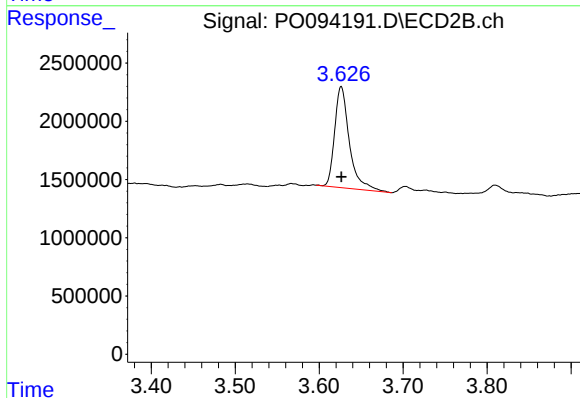
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

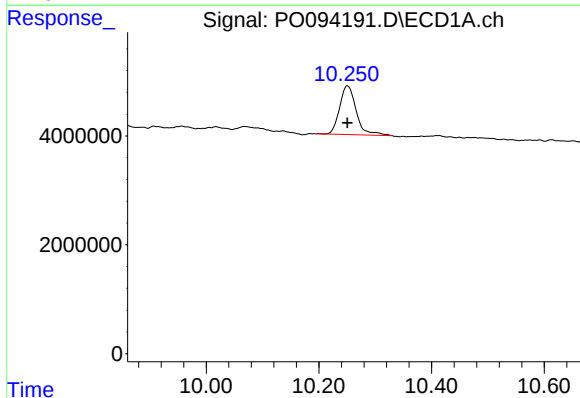
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 23483303
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



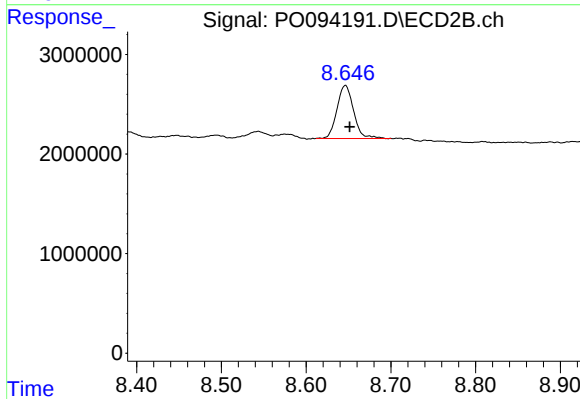
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 10596569
Conc: 8.32 ng/ml



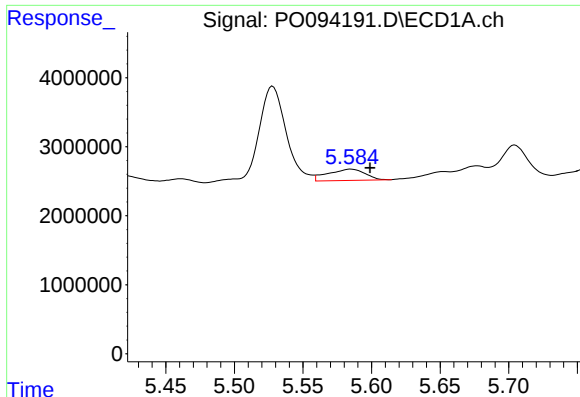
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 18372589
Conc: 8.21 ng/ml



#2 Decachlorobiphenyl

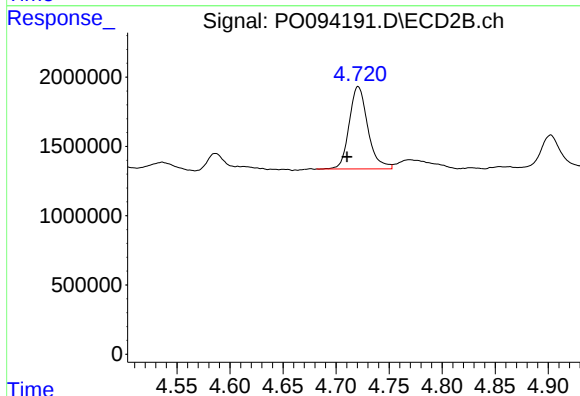
R.T.: 8.646 min
Delta R.T.: -0.005 min
Response: 7293380
Conc: 7.29 ng/ml



#3 AR-1016-1

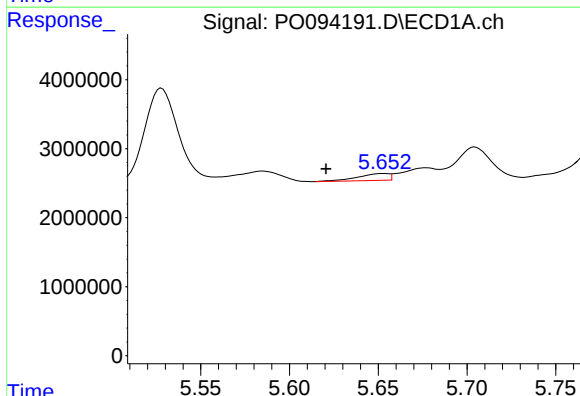
R.T.: 5.585 min
Delta R.T.: -0.014 min
Response: 3078073
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



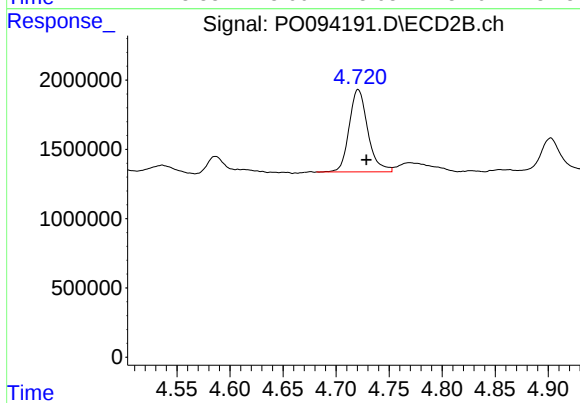
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: 0.010 min
Response: 7290787
Conc: 205.47 ng/ml



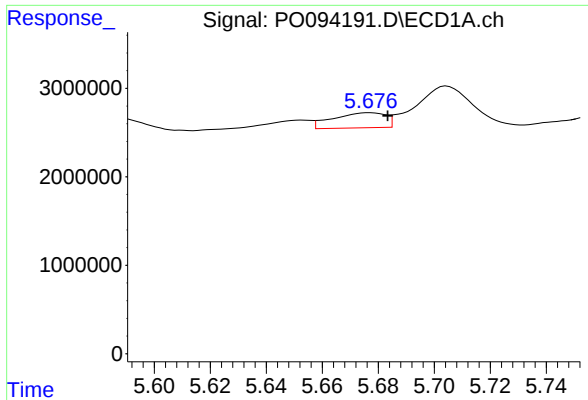
#4 AR-1016-2

R.T.: 5.653 min
Delta R.T.: 0.032 min
Response: 1222798
Conc: 7.85 ng/ml



#4 AR-1016-2

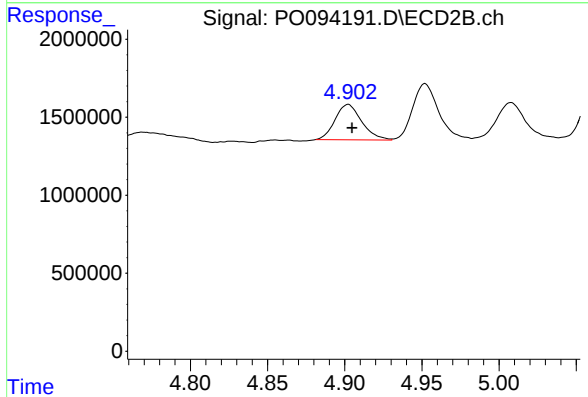
R.T.: 4.721 min
Delta R.T.: -0.008 min
Response: 7290787
Conc: 134.99 ng/ml



#5 AR-1016-3

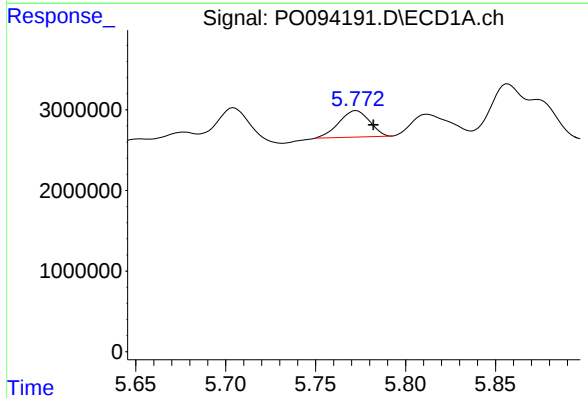
R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 2227811
Conc: 22.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



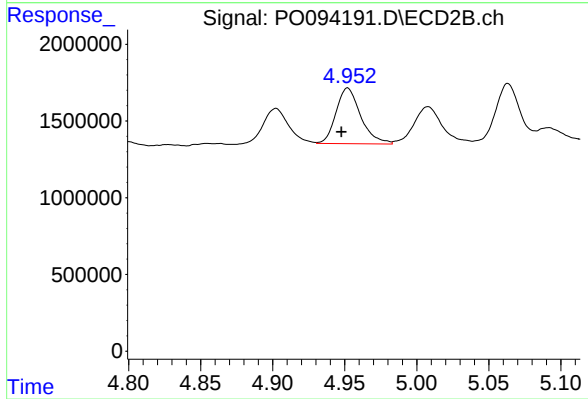
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 2727402
Conc: 96.23 ng/ml



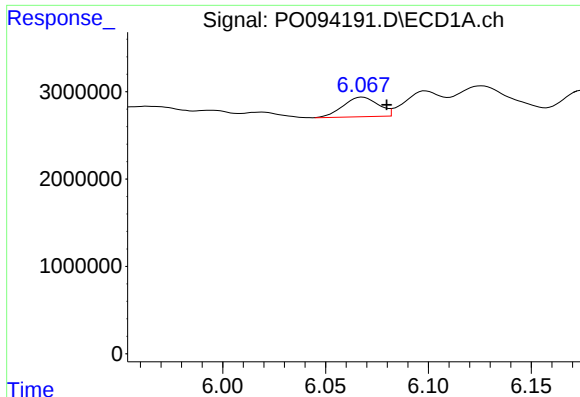
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 3882356
Conc: 52.80 ng/ml



#6 AR-1016-4

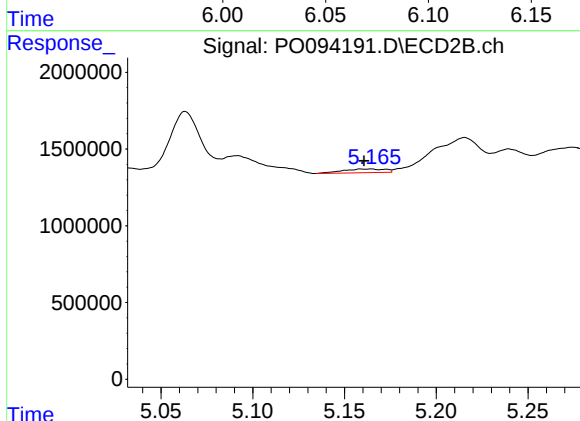
R.T.: 4.952 min
Delta R.T.: 0.004 min
Response: 4331762
Conc: 164.05 ng/ml



#7 AR-1016-5

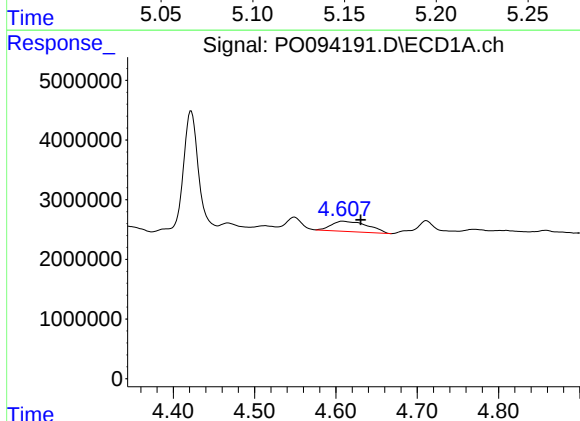
R.T.: 6.068 min
Delta R.T.: -0.012 min
Response: 2658318
Conc: 31.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



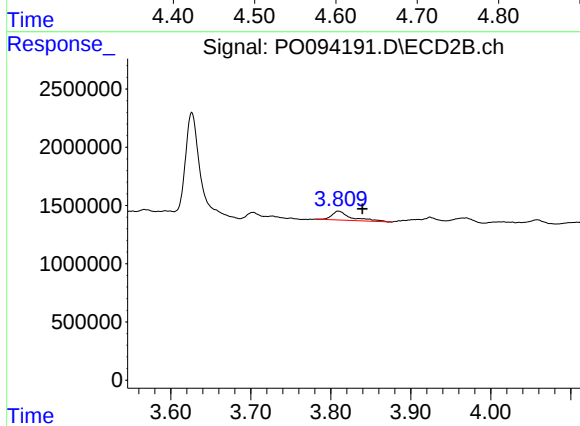
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: 0.004 min
Response: 381415
Conc: 11.66 ng/ml



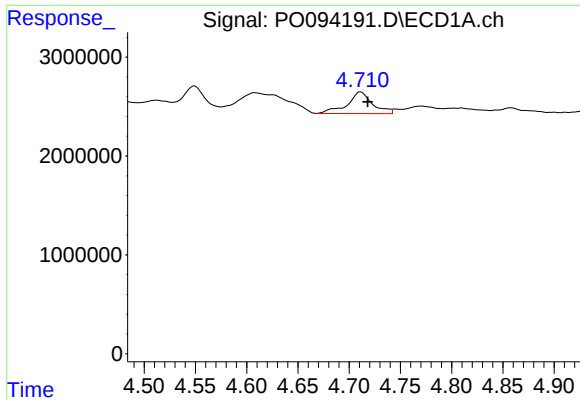
#8 AR-1221-1

R.T.: 4.608 min
Delta R.T.: -0.023 min
Response: 5371101
Conc: 116.46 ng/ml



#8 AR-1221-1

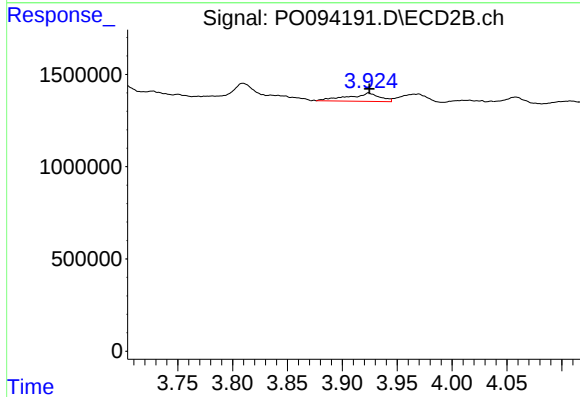
R.T.: 3.810 min
Delta R.T.: -0.030 min
Response: 1277955
Conc: 81.61 ng/ml



#9 AR-1221-2

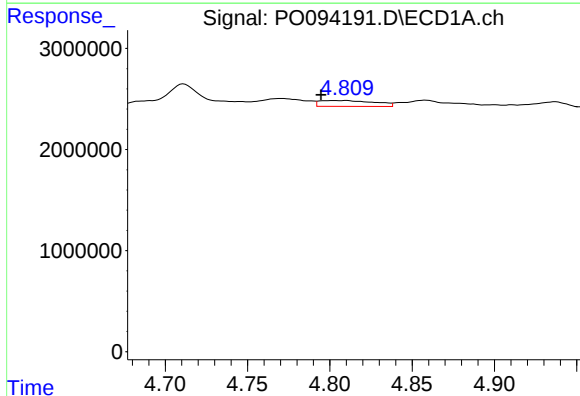
R.T.: 4.711 min
Delta R.T.: -0.007 min
Response: 3726366
Conc: 108.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



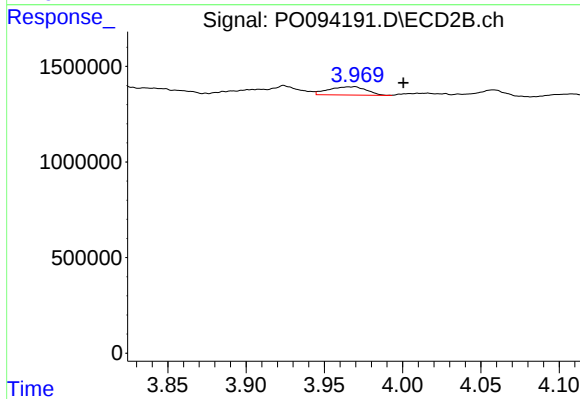
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 912356
Conc: 77.30 ng/ml



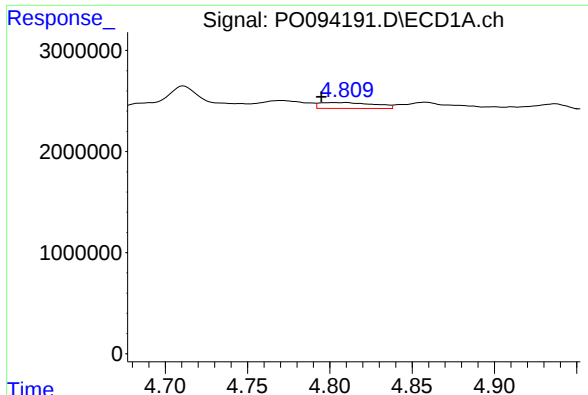
#10 AR-1221-3

R.T.: 4.810 min
Delta R.T.: 0.015 min
Response: 1358750
Conc: 12.97 ng/ml



#10 AR-1221-3

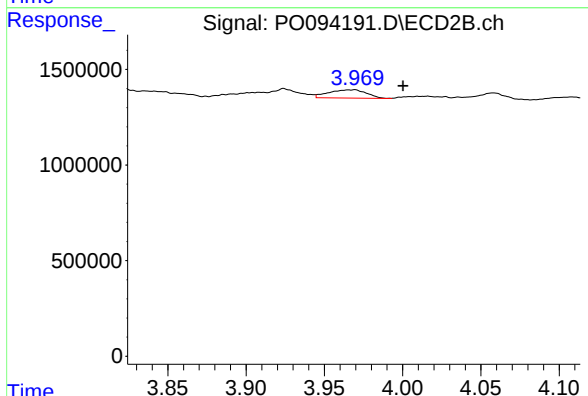
R.T.: 3.969 min
Delta R.T.: -0.031 min
Response: 727847
Conc: 19.76 ng/ml



#11 AR-1232-1

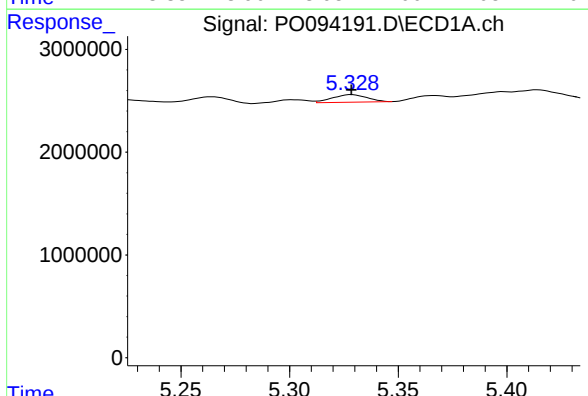
R.T.: 4.810 min
Delta R.T.: 0.015 min
Response: 1358750
Conc: 15.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



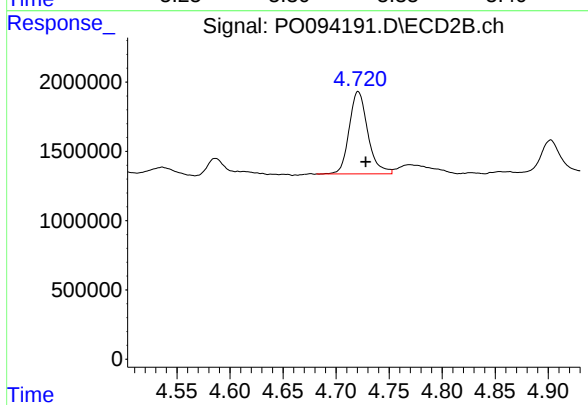
#11 AR-1232-1

R.T.: 3.969 min
Delta R.T.: -0.031 min
Response: 727847
Conc: 23.30 ng/ml



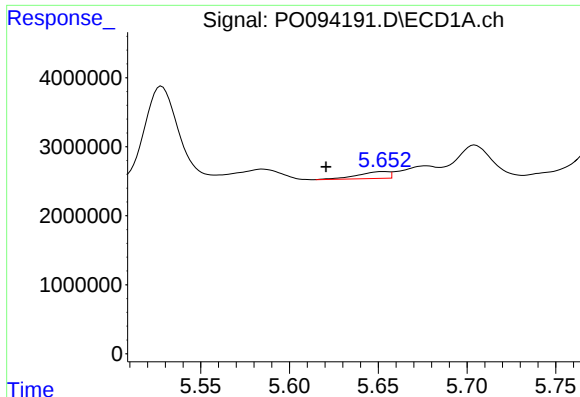
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 813131
Conc: 19.01 ng/ml



#12 AR-1232-2

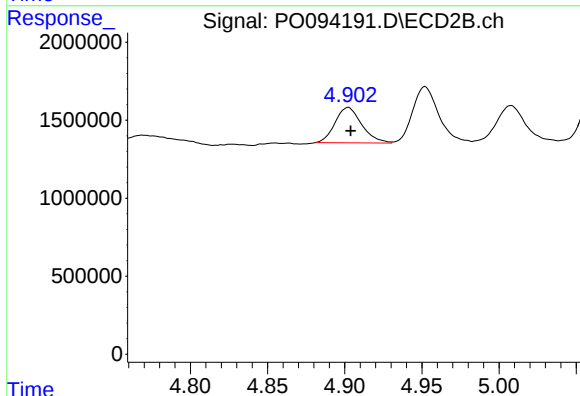
R.T.: 4.721 min
Delta R.T.: -0.007 min
Response: 7290787
Conc: 275.40 ng/ml



#13 AR-1232-3

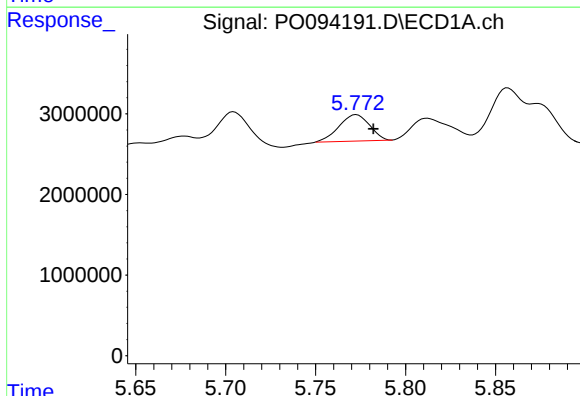
R.T.: 5.653 min
Delta R.T.: 0.032 min
Response: 1222798
Conc: 16.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



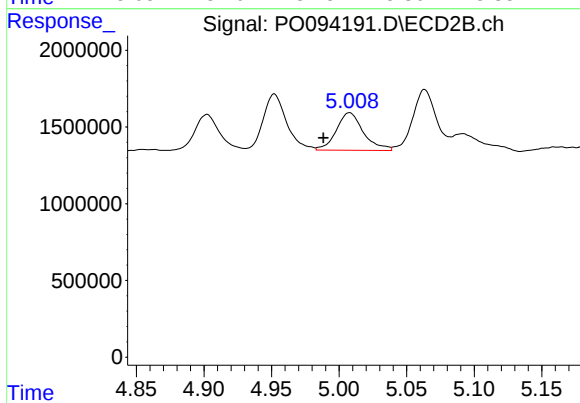
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 2727402
Conc: 206.79 ng/ml



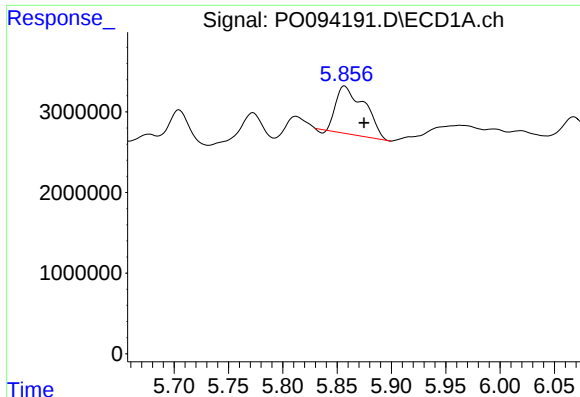
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 3882356
Conc: 112.79 ng/ml



#14 AR-1232-4

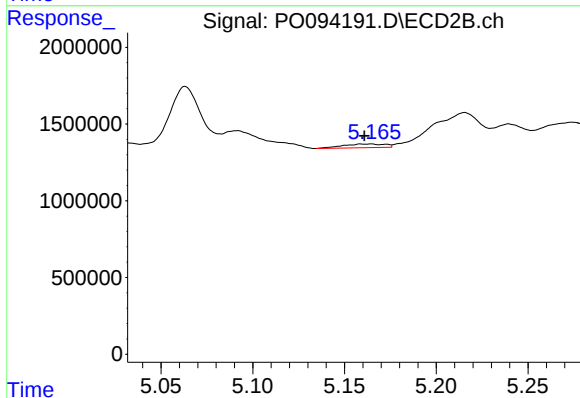
R.T.: 5.008 min
Delta R.T.: 0.019 min
Response: 3418287
Conc: 240.54 ng/ml



#15 AR-1232-5

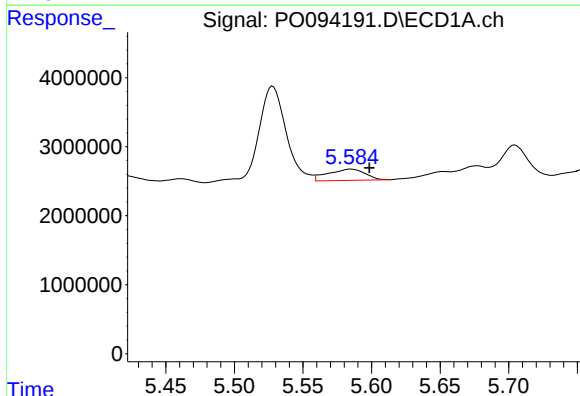
R.T.: 5.857 min
Delta R.T.: -0.018 min
Response: 10799505
Conc: 340.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



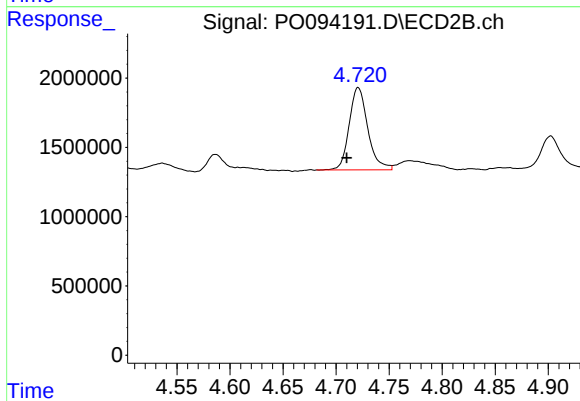
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: 0.004 min
Response: 381415
Conc: 24.69 ng/ml



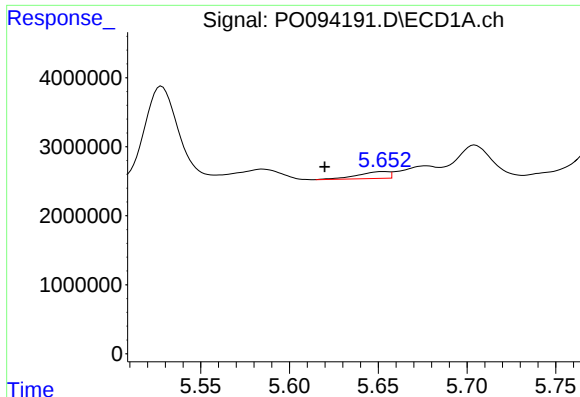
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.014 min
Response: 3078073
Conc: 35.26 ng/ml



#16 AR-1242-1

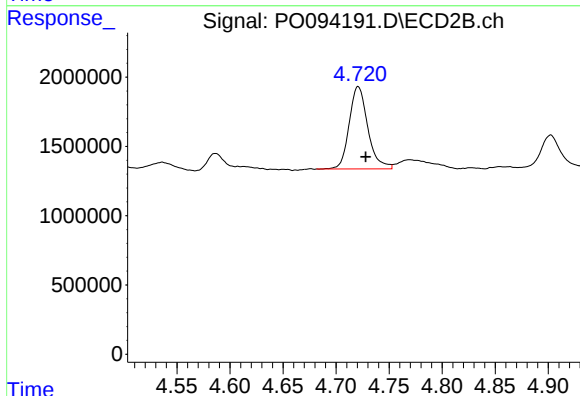
R.T.: 4.721 min
Delta R.T.: 0.011 min
Response: 7290787
Conc: 236.92 ng/ml



#17 AR-1242-2

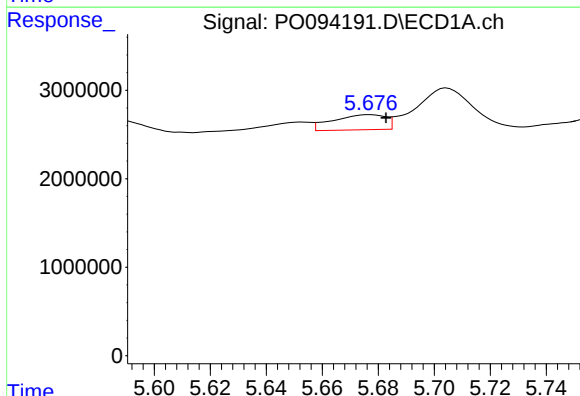
R.T.: 5.653 min
Delta R.T.: 0.033 min
Response: 1222798
Conc: 9.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



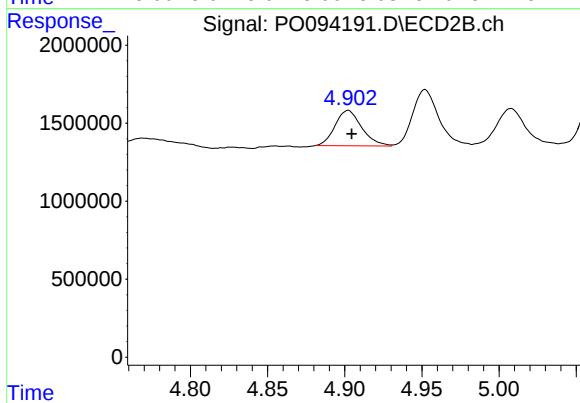
#17 AR-1242-2

R.T.: 4.721 min
Delta R.T.: -0.007 min
Response: 7290787
Conc: 158.52 ng/ml



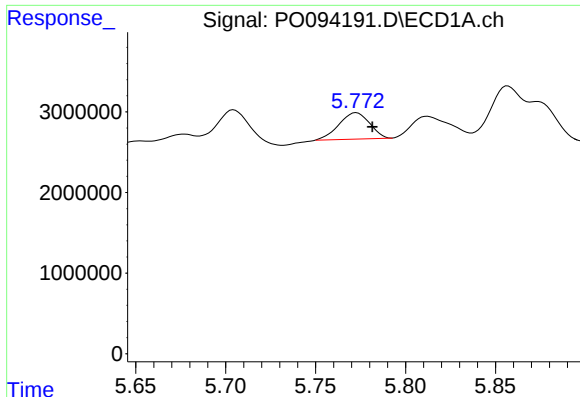
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 2227811
Conc: 26.24 ng/ml



#18 AR-1242-3

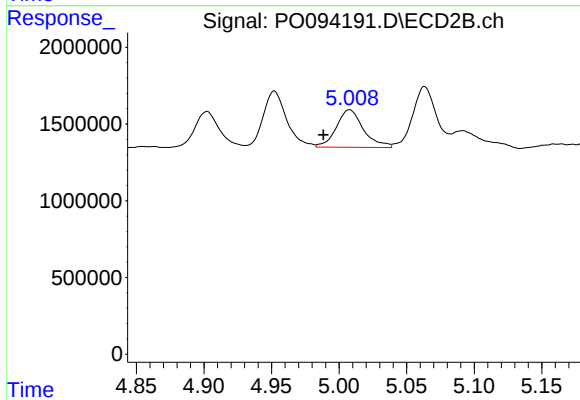
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 2727402
Conc: 112.54 ng/ml



#19 AR-1242-4

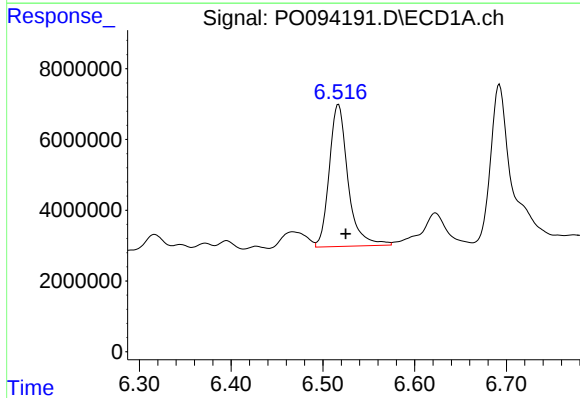
R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 3882356
Conc: 62.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



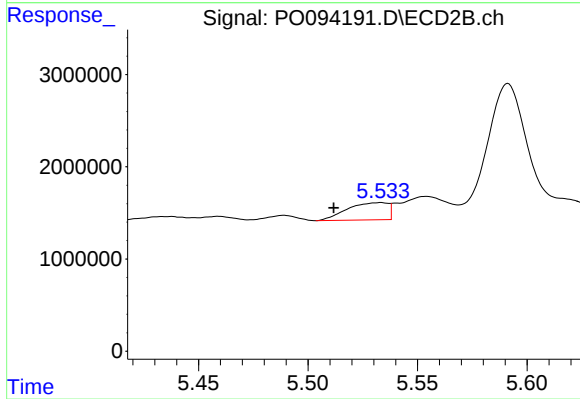
#19 AR-1242-4

R.T.: 5.008 min
Delta R.T.: 0.019 min
Response: 3418287
Conc: 121.76 ng/ml



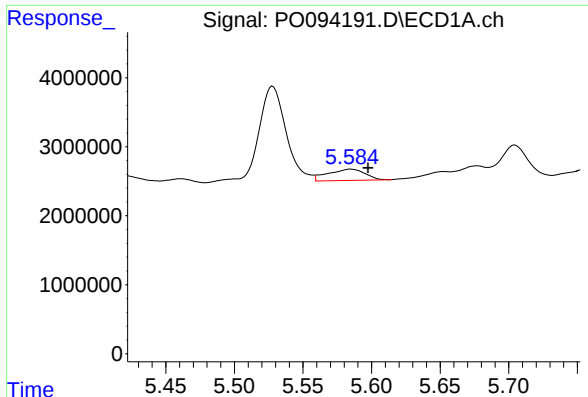
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.008 min
Response: 57036487
Conc: 847.12 ng/ml



#20 AR-1242-5

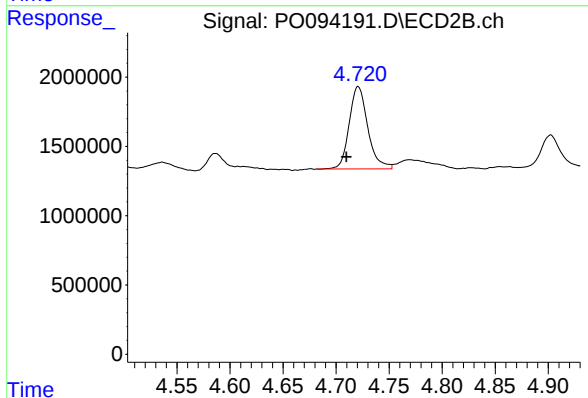
R.T.: 5.533 min
Delta R.T.: 0.021 min
Response: 2414200
Conc: 84.68 ng/ml



#21 AR-1248-1

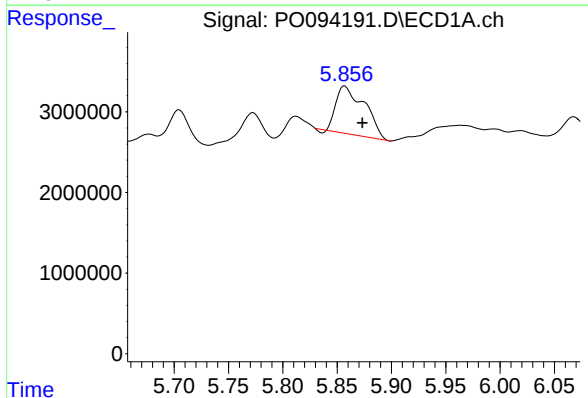
R.T.: 5.585 min
Delta R.T.: -0.013 min
Response: 3078073
Conc: 45.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



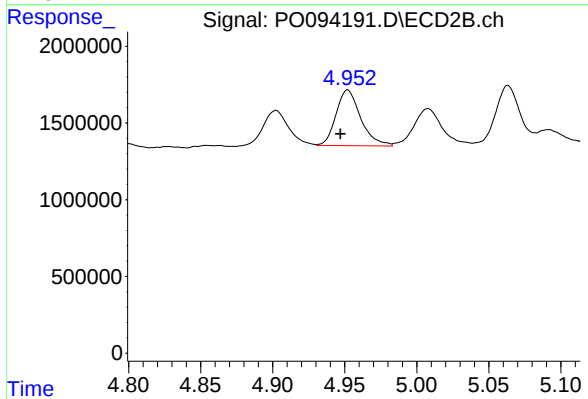
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: 0.011 min
Response: 7290787
Conc: 305.67 ng/ml



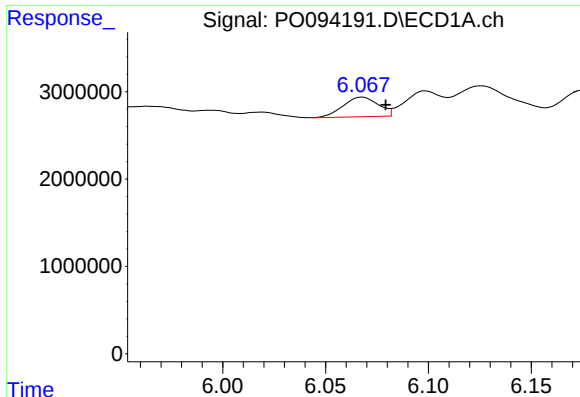
#22 AR-1248-2

R.T.: 5.857 min
Delta R.T.: -0.016 min
Response: 10799505
Conc: 98.73 ng/ml



#22 AR-1248-2

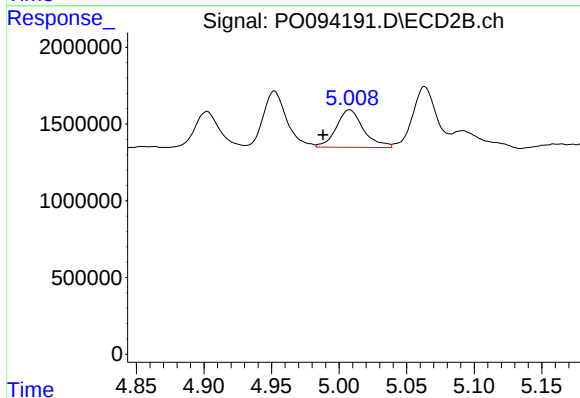
R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 4331762
Conc: 108.75 ng/ml



#23 AR-1248-3

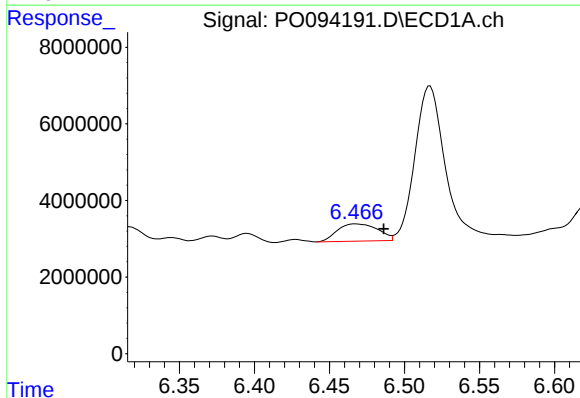
R.T.: 6.068 min
Delta R.T.: -0.011 min
Response: 2658318
Conc: 22.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



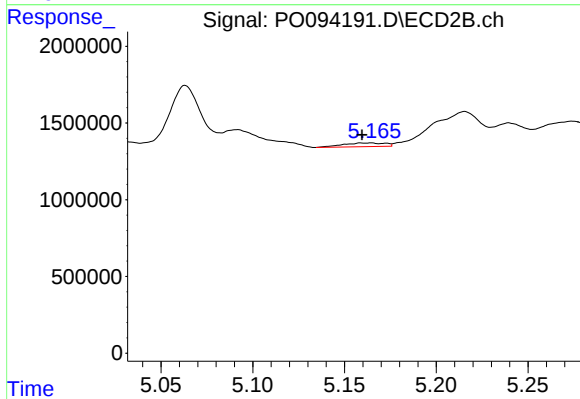
#23 AR-1248-3

R.T.: 5.008 min
Delta R.T.: 0.020 min
Response: 3418287
Conc: 81.90 ng/ml



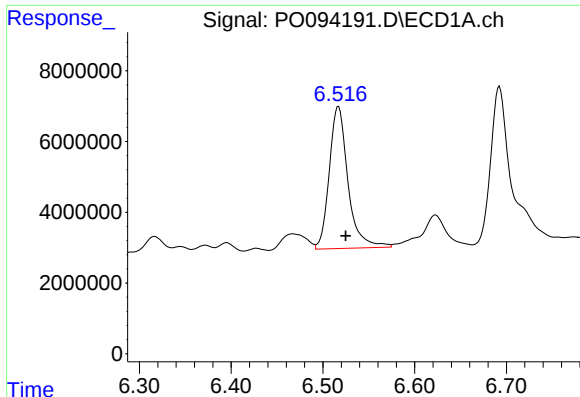
#24 AR-1248-4

R.T.: 6.467 min
Delta R.T.: -0.019 min
Response: 8427352
Conc: 78.47 ng/ml



#24 AR-1248-4

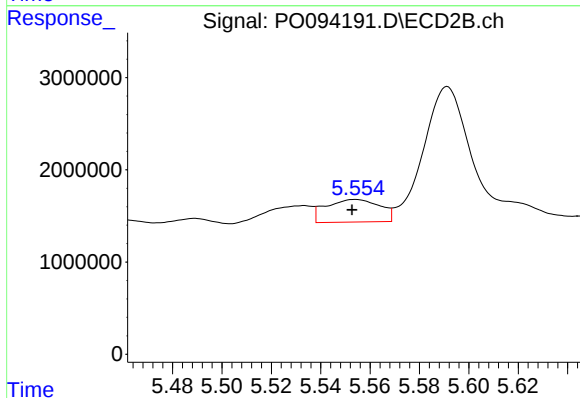
R.T.: 5.164 min
Delta R.T.: 0.005 min
Response: 381415
Conc: 8.11 ng/ml



#25 AR-1248-5

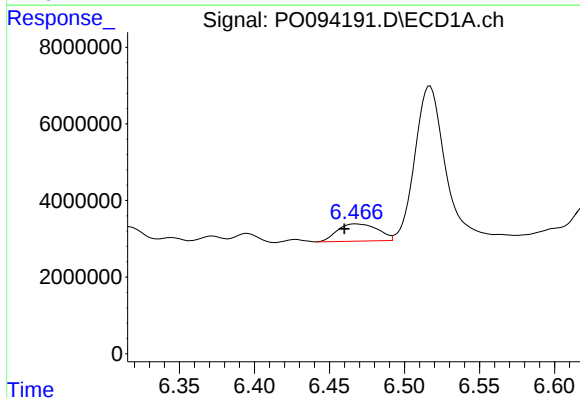
R.T.: 6.517 min
Delta R.T.: -0.008 min
Response: 57036487
Conc: 491.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



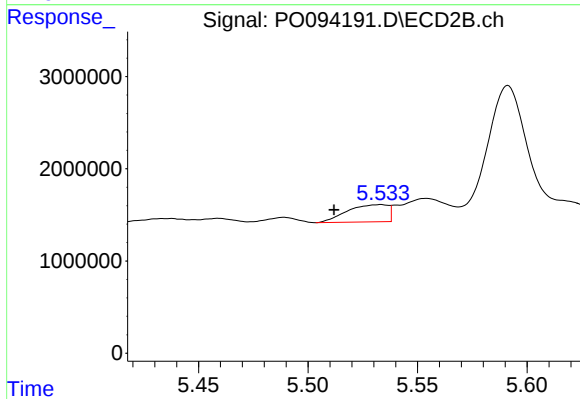
#25 AR-1248-5

R.T.: 5.554 min
Delta R.T.: 0.001 min
Response: 3709608
Conc: 99.36 ng/ml



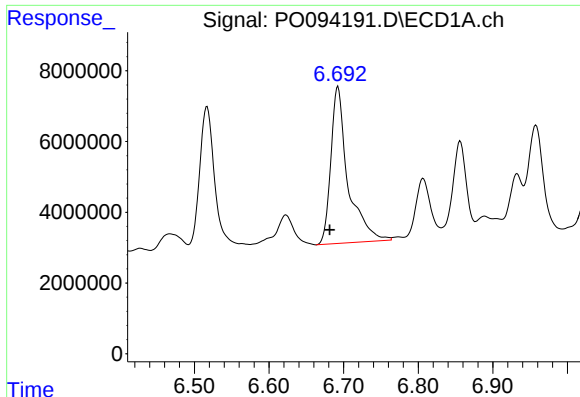
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.007 min
Response: 8427352
Conc: 62.14 ng/ml



#26 AR-1254-1

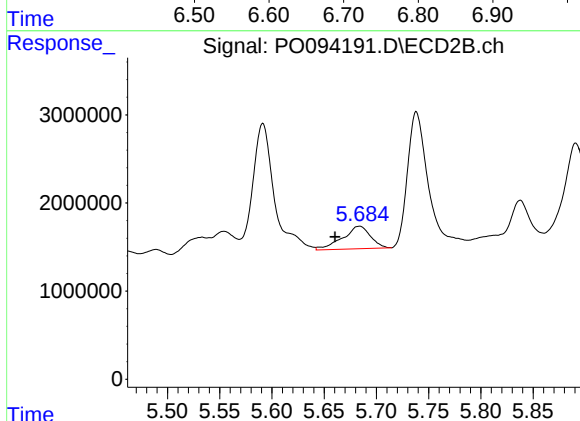
R.T.: 5.533 min
Delta R.T.: 0.021 min
Response: 2414200
Conc: 35.32 ng/ml



#27 AR-1254-2

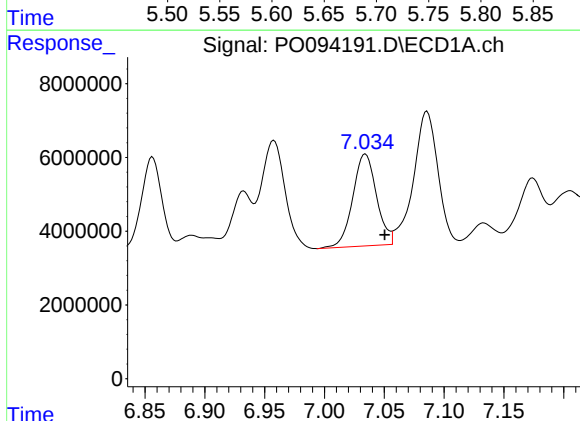
R.T.: 6.692 min
Delta R.T.: 0.011 min
Response: 70784591
Conc: 362.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



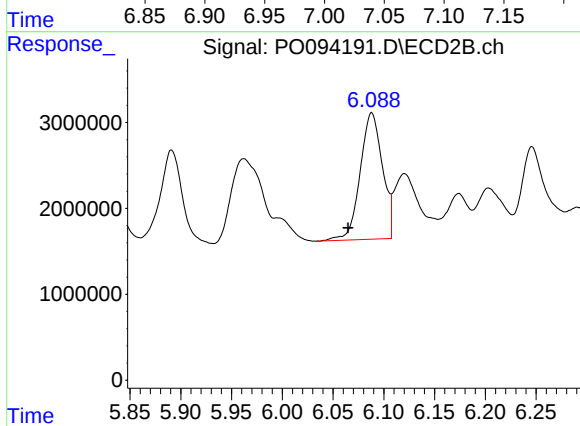
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: 0.023 min
Response: 4761481
Conc: 78.18 ng/ml



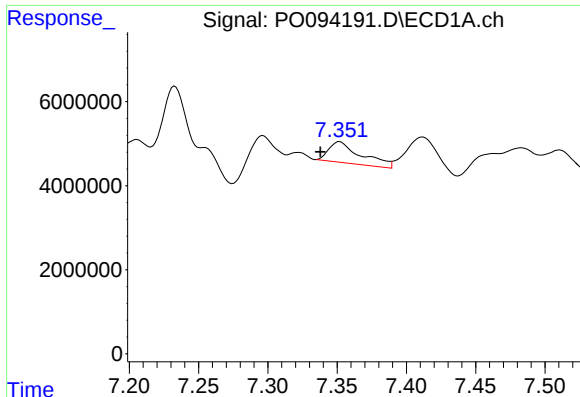
#28 AR-1254-3

R.T.: 7.034 min
Delta R.T.: -0.016 min
Response: 34436700
Conc: 186.40 ng/ml



#28 AR-1254-3

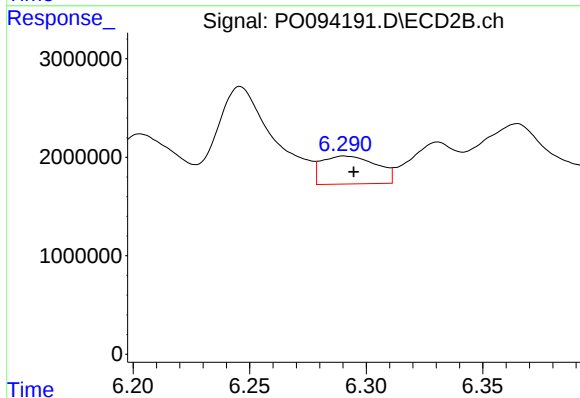
R.T.: 6.088 min
Delta R.T.: 0.023 min
Response: 22440086
Conc: 246.36 ng/ml



#29 AR-1254-4

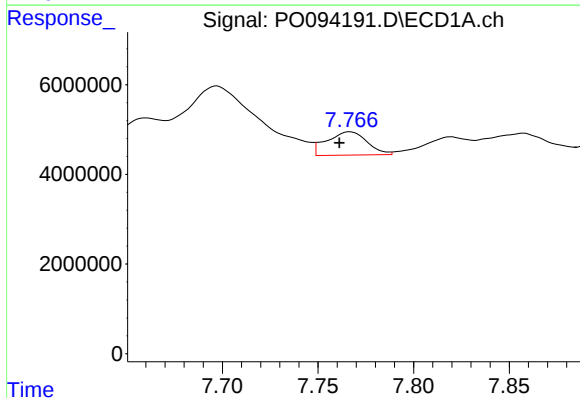
R.T.: 7.352 min
Delta R.T.: 0.014 min
Response: 8107389
Conc: 79.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



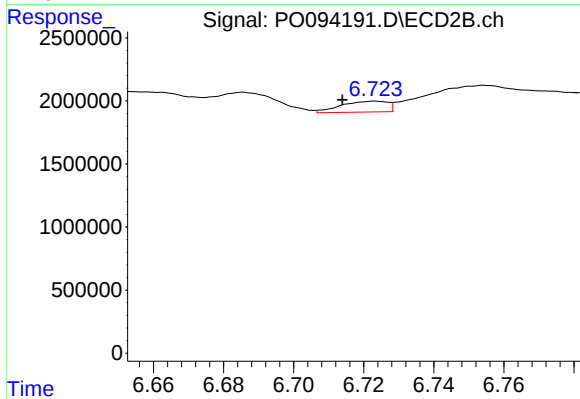
#29 AR-1254-4

R.T.: 6.291 min
Delta R.T.: -0.004 min
Response: 4634441
Conc: 108.80 ng/ml



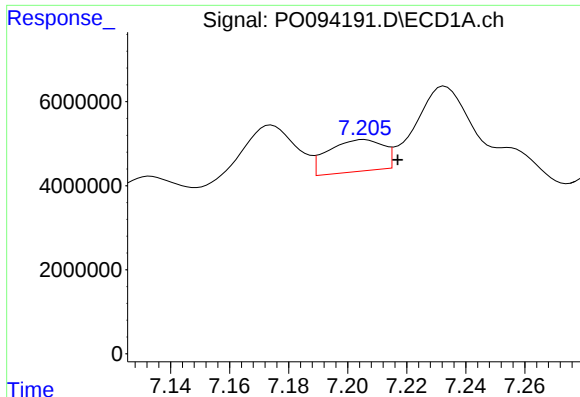
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: 0.006 min
Response: 7622530
Conc: 56.21 ng/ml



#30 AR-1254-5

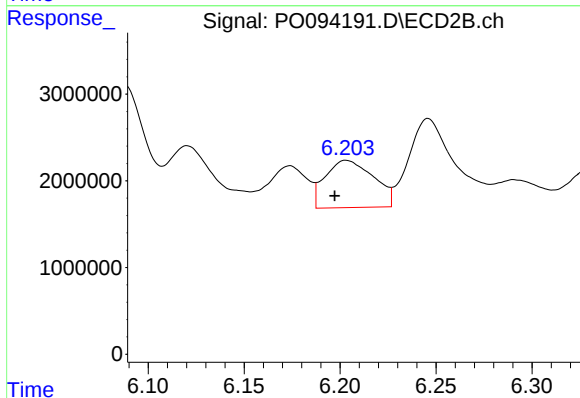
R.T.: 6.723 min
Delta R.T.: 0.009 min
Response: 802970
Conc: 11.13 ng/ml



#31 AR-1260-1

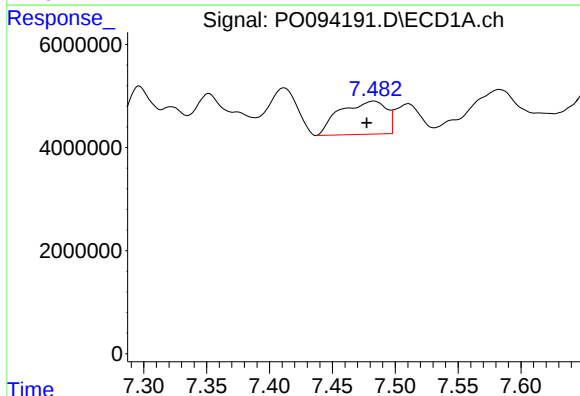
R.T.: 7.205 min
Delta R.T.: -0.012 min
Response: 9783837
Conc: 67.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



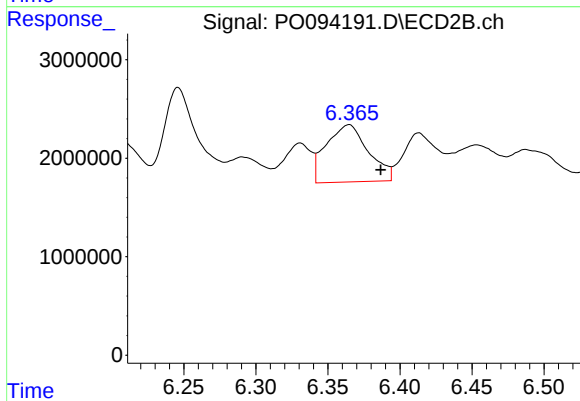
#31 AR-1260-1

R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: 9580713
Conc: 146.92 ng/ml



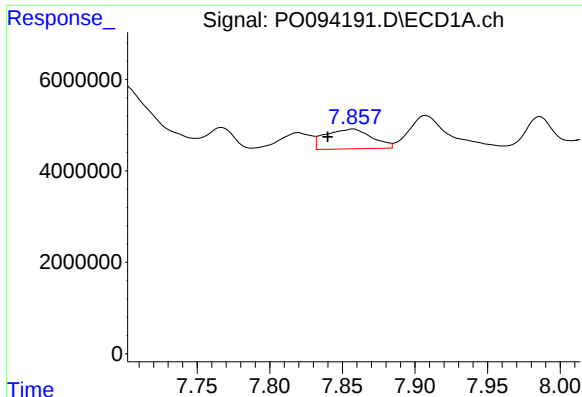
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 16463167
Conc: 102.86 ng/ml



#32 AR-1260-2

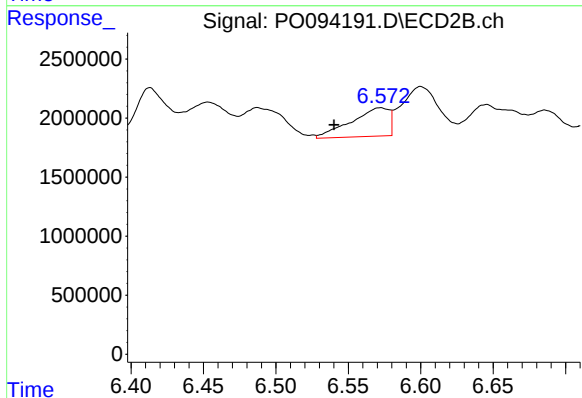
R.T.: 6.365 min
Delta R.T.: -0.022 min
Response: 11830375
Conc: 162.90 ng/ml



#33 AR-1260-3

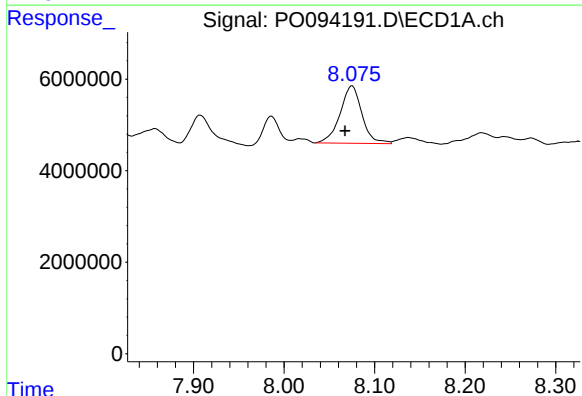
R.T.: 7.857 min
Delta R.T.: 0.017 min
Response: 9691961
Conc: 72.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



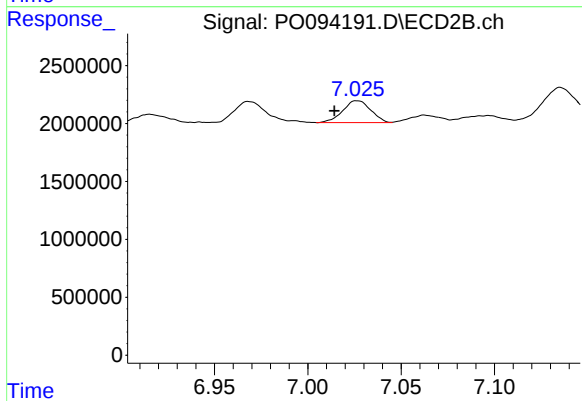
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: 0.032 min
Response: 4399443
Conc: 60.62 ng/ml



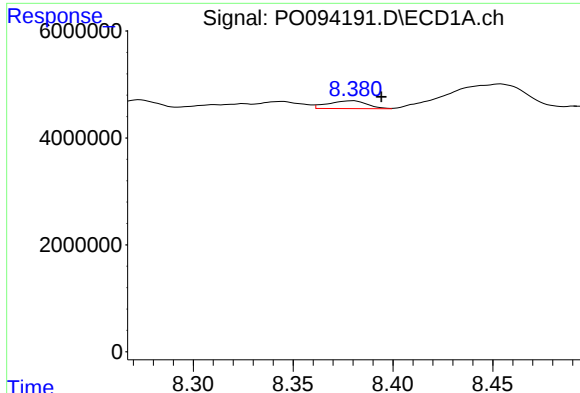
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: 0.008 min
Response: 21025268
Conc: 152.64 ng/ml



#34 AR-1260-4

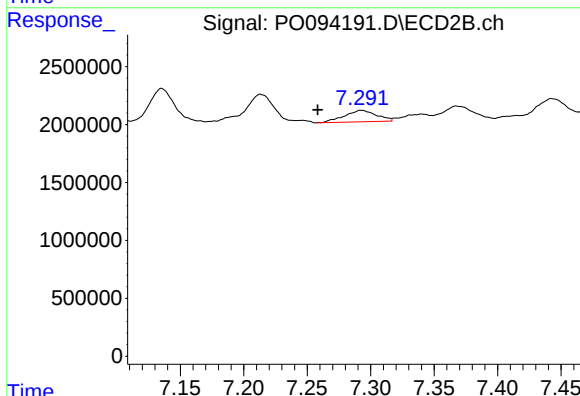
R.T.: 7.027 min
Delta R.T.: 0.012 min
Response: 1971685
Conc: 35.50 ng/ml



#35 AR-1260-5

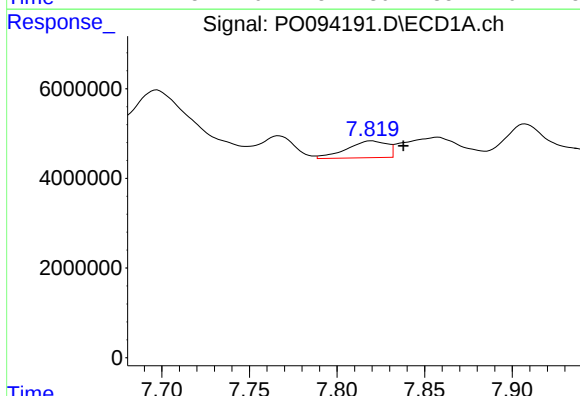
R.T.: 8.379 min
Delta R.T.: -0.015 min
Response: 1983255
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



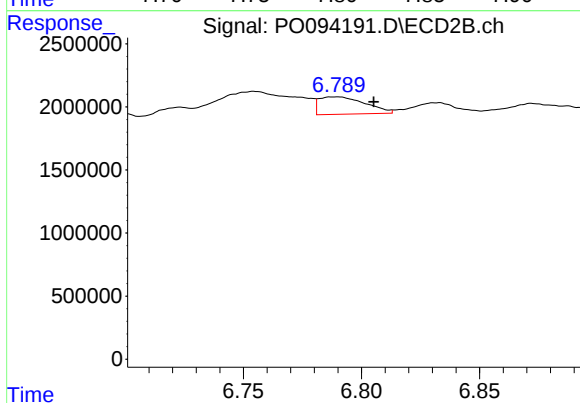
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.035 min
Response: 1741187
Conc: 16.78 ng/ml



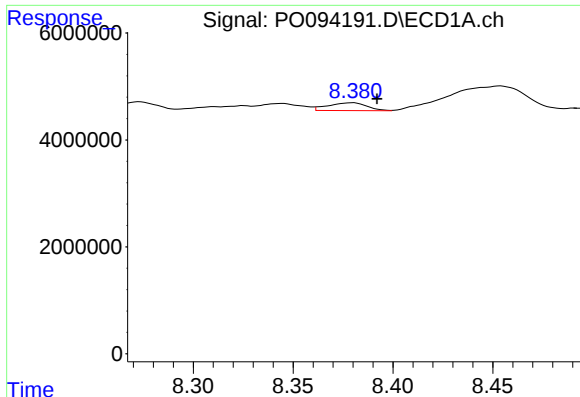
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.018 min
Response: 6022168
Conc: 35.25 ng/ml



#36 AR-1262-1

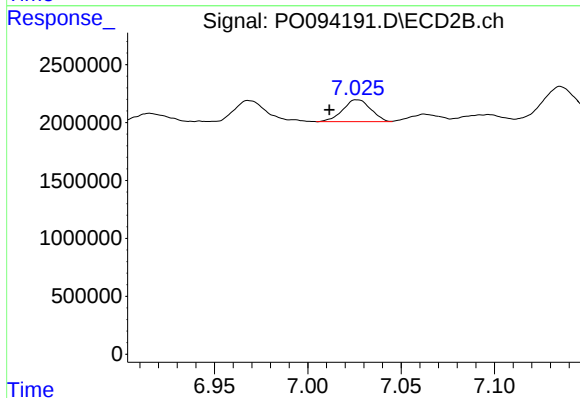
R.T.: 6.789 min
Delta R.T.: -0.016 min
Response: 1880637
Conc: 53.75 ng/ml



#37 AR-1262-2

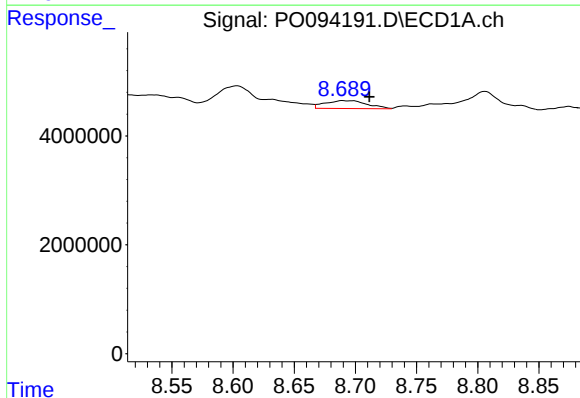
R.T.: 8.379 min
Delta R.T.: -0.013 min
Response: 1983255
Conc: 8.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



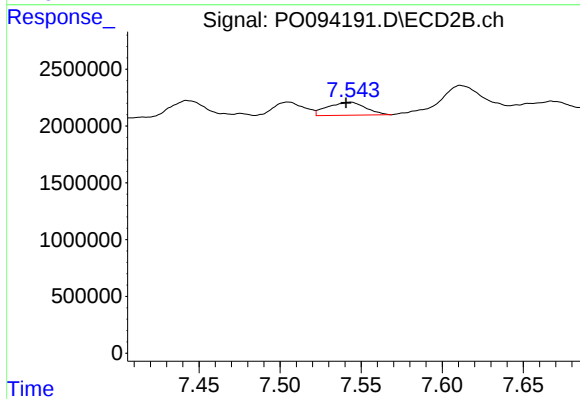
#37 AR-1262-2

R.T.: 7.027 min
Delta R.T.: 0.015 min
Response: 1971685
Conc: 27.91 ng/ml



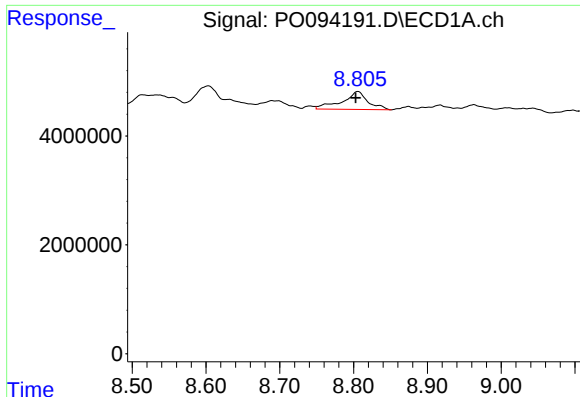
#38 AR-1262-3

R.T.: 8.690 min
Delta R.T.: -0.021 min
Response: 3460932
Conc: 21.13 ng/ml



#38 AR-1262-3

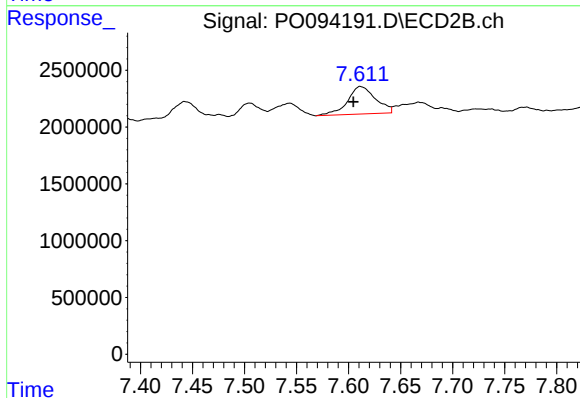
R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 1859652
Conc: 37.17 ng/ml



#39 AR-1262-4

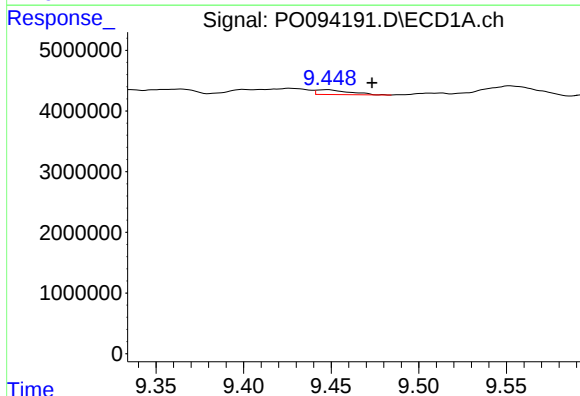
R.T.: 8.806 min
Delta R.T.: 0.003 min
Response: 8013269
Conc: 79.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



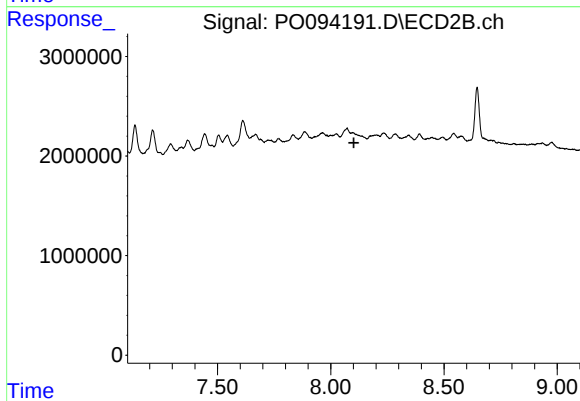
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: 0.007 min
Response: 4565767
Conc: 55.05 ng/ml



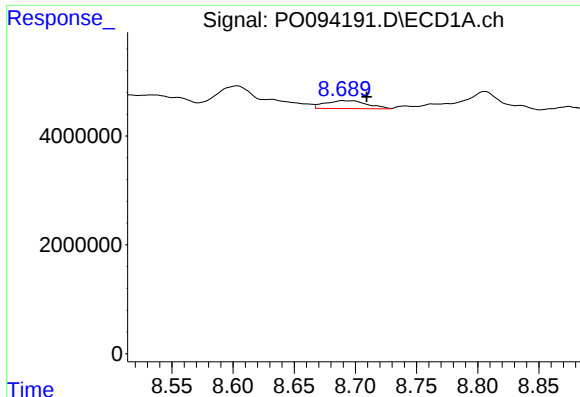
#40 AR-1262-5

R.T.: 9.447 min
Delta R.T.: -0.026 min
Response: 996298
Conc: 12.38 ng/ml



#40 AR-1262-5

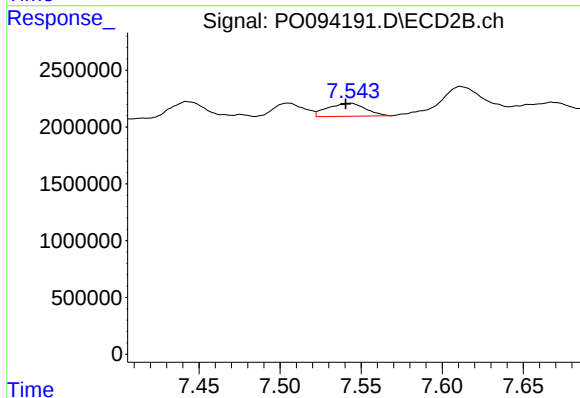
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

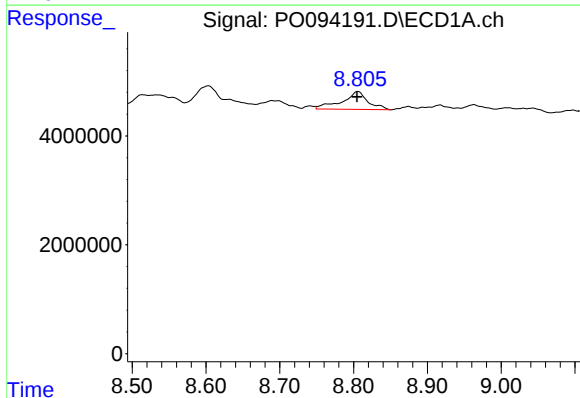
R.T.: 8.690 min
Delta R.T.: -0.019 min
Response: 3460932
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



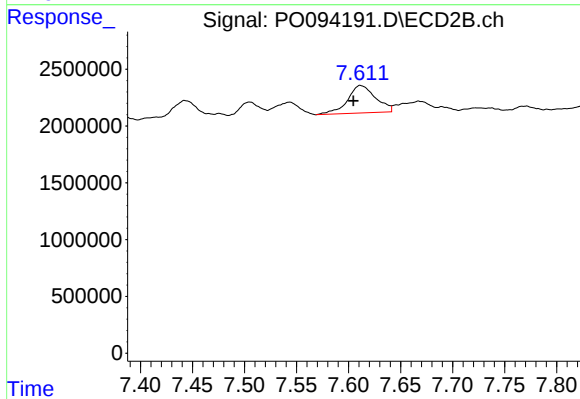
#41 AR-1268-1

R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 1859652
Conc: 12.17 ng/ml



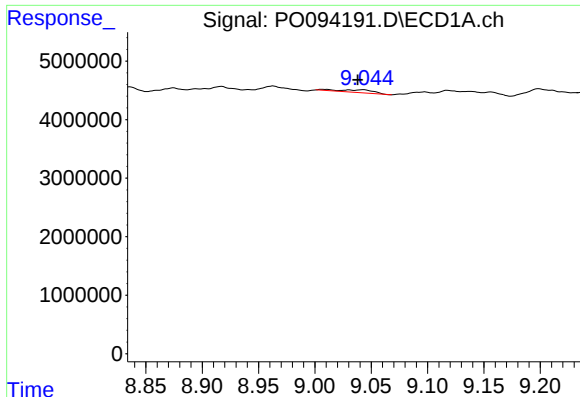
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 8013269
Conc: 24.90 ng/ml



#42 AR-1268-2

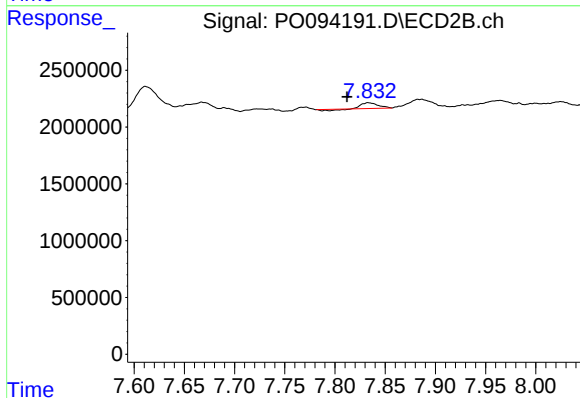
R.T.: 7.612 min
Delta R.T.: 0.007 min
Response: 4565767
Conc: 33.61 ng/ml



#43 AR-1268-3

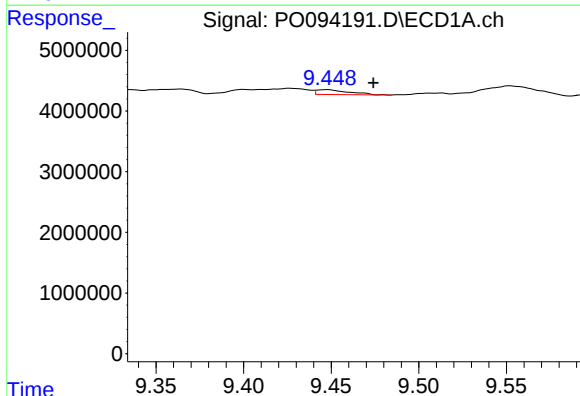
R.T.: 9.043 min
Delta R.T.: 0.005 min
Response: 935850
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



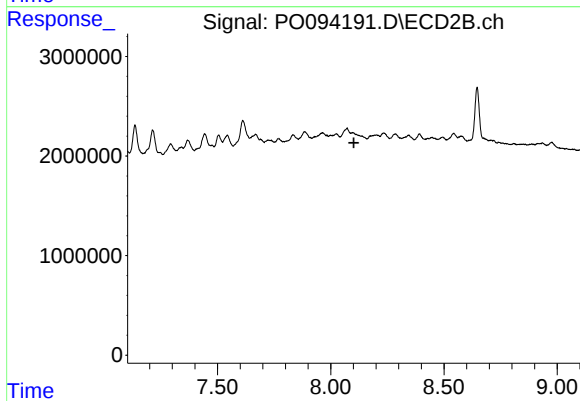
#43 AR-1268-3

R.T.: 7.833 min
Delta R.T.: 0.021 min
Response: 461934
Conc: 3.53 ng/ml



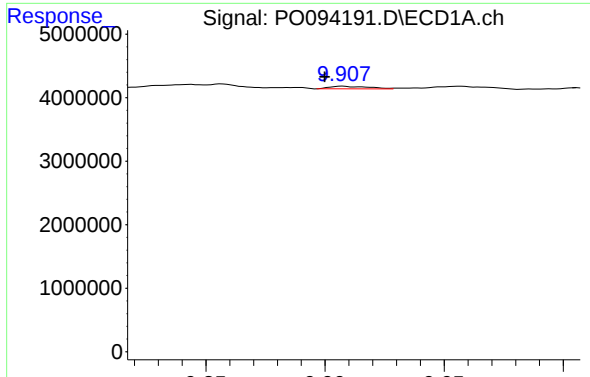
#44 AR-1268-4

R.T.: 9.447 min
Delta R.T.: -0.027 min
Response: 996298
Conc: 10.30 ng/ml



#44 AR-1268-4

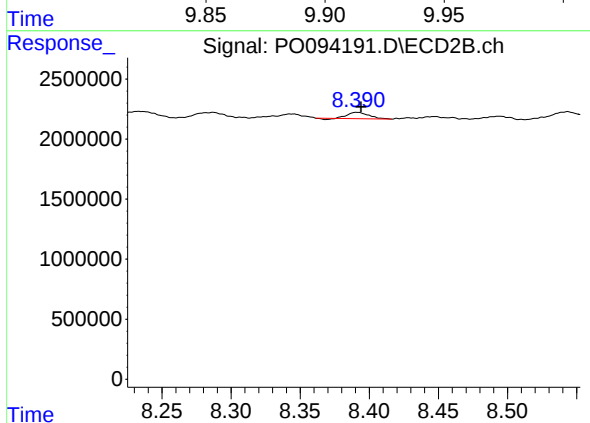
R.T.: 0.000 min
Exp R.T.: 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: 0.008 min
Response: 471018
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: 525394
Conc: 1.50 ng/ml