

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 17:30
 Operator : YP\AJ
 Sample : 03312-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:47:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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...	3.691	2.962	54634319	69112812	24.846	25.159
2)	SA Decachlor...	9.623	8.246	33954904	75011792	23.466	21.152
Target Compounds							
3)	L1 AR-1016-1	4.931	4.106f	4286091	3476372	57.564	34.222 #
4)	L1 AR-1016-2	4.931	4.106	4286091	3476372	40.538	24.708 #
5)	L1 AR-1016-3	5.010	4.290	964530	860777	14.379	10.999
6)	L1 AR-1016-4	0.000	4.334	0	1373461	N.D.	21.422 #
7)	L1 AR-1016-5	5.440	4.561	2013405	1977112	36.355	23.787 #
8)	L2 AR-1221-1	3.899	3.181	1006504	905124	37.303	25.241 #
9)	L2 AR-1221-2	4.005	3.268	648020	1909730	33.922	69.410 #
10)	L2 AR-1221-3	4.098f	3.354	295990	839095	4.887	10.406 #
11)	L3 AR-1232-1	4.098f	3.354	295990	839095	6.473	13.900 #
12)	L3 AR-1232-2	4.628	4.106	11475722	3476372	431.823	56.007 #
13)	L3 AR-1232-3	4.931	4.290	4286091	860777	92.997	24.686 #
14)	L3 AR-1232-4	0.000	4.385	0	1576866	N.D.	50.220 #
15)	L3 AR-1232-5	5.206	4.561	1230347	1977112	66.862	54.886
16)	L4 AR-1242-1	4.931	4.106f	4286091	3476372	77.243	45.661 #
17)	L4 AR-1242-2	4.931	4.106	4286091	3476372	54.520	33.387 #
18)	L4 AR-1242-3	5.010	4.290	964530	860777	19.258	14.604
19)	L4 AR-1242-4	0.000	4.385	0	1576866	N.D.	26.562 #
20)	L4 AR-1242-5	5.904	4.926	2060171	8742151	52.271	111.192 #
21)	L5 AR-1248-1	4.931	4.106f	4286091	3476372	100.291	56.803 #
22)	L5 AR-1248-2	5.206	4.334	1230347	1373461	19.839	15.937
23)	L5 AR-1248-3	5.440	4.385	2013405	1576866	27.987	17.722 #
24)	L5 AR-1248-4	5.858	4.561	7347669	1977112	100.545	18.328 #
25)	L5 AR-1248-5	5.904	4.957	2060171	5995592	28.933	56.048 #
26)	L6 AR-1254-1	5.834	4.926	2310840	8742151	28.966	54.795 #
27)	L6 AR-1254-2	6.067	5.089	9651699	10095181	82.060	69.513
28)	L6 AR-1254-3	6.462	5.510	12676344	7490896	110.575	31.665 #
29)	L6 AR-1254-4	6.771	5.758	5536768	8376030	69.249	55.001
30)	L6 AR-1254-5	7.227	6.205	8545355	34230880	95.266	139.618 #
31)	L7 AR-1260-1	6.641	5.653	8931501	26241824	89.818	151.162 #
32)	L7 AR-1260-2	6.911	5.856	14956005	11502538	135.703	52.286 #
33)	L7 AR-1260-3	7.313	6.015	3385049	12889947	48.901	61.612 #
34)	L7 AR-1260-4	7.556	6.525	5909156	8267509	72.153	52.333 #
35)	L7 AR-1260-5	7.894	6.788	9096280	17114770	64.611	46.081 #
36)	L8 AR-1262-1	7.313	6.248	3385049	8142870	31.537	34.336
37)	L8 AR-1262-2	7.894	6.788	9096280	17114770	54.788	39.042 #
38)	L8 AR-1262-3	8.210	7.096	5620977	5183939	49.193	27.504 #
39)	L8 AR-1262-4	8.290	7.161	1673393	20294960	18.743	60.336 #
40)	L8 AR-1262-5	8.917	7.702	2397460	5392384	40.671	33.651
41)	L9 AR-1268-1	8.210	7.096	5620977	5183939	28.426	10.076 #

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 Acq On : 20 Jun 2023 17:30
 Operator : YP\AJ
 Sample : 03312-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

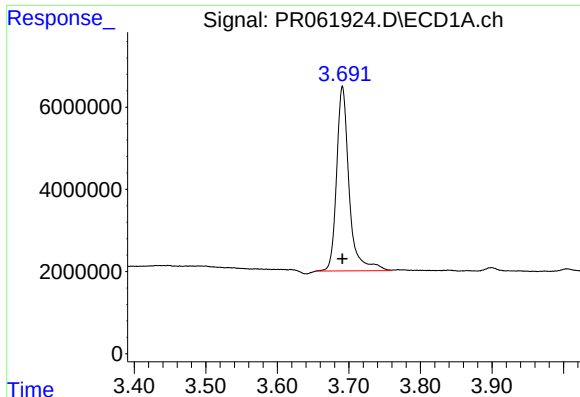
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:47:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.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	8.290	7.161	1673393	20294960	9.184	42.646 #
43) L9	AR-1268-3	8.510	7.388	671834	4305806	4.294	10.514 #
44) L9	AR-1268-4	8.917	7.702	2397460	5392384	37.256	30.681
45) L9	AR-1268-5	9.311	7.997	1912689	5208369	4.158	4.043

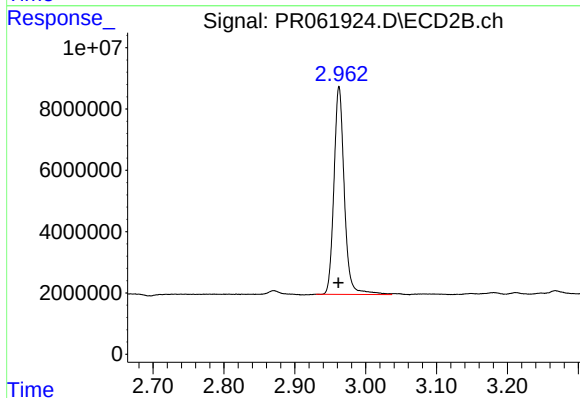
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

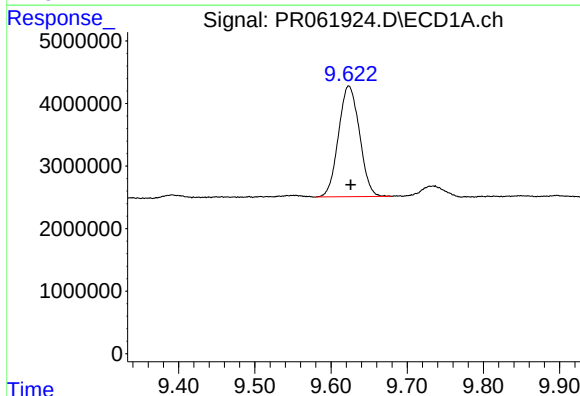
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 54634319
Conc: 24.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



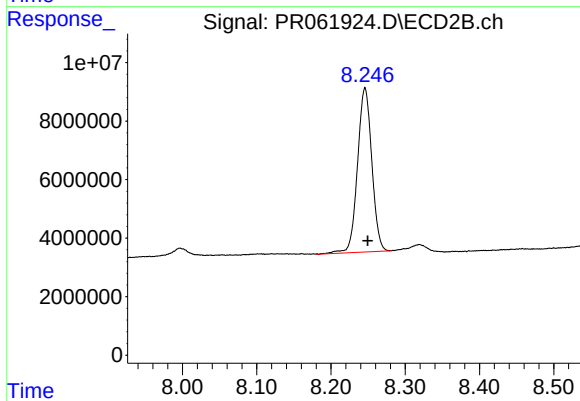
#1 Tetrachloro-m-xylene

R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 69112812
Conc: 25.16 ng/ml



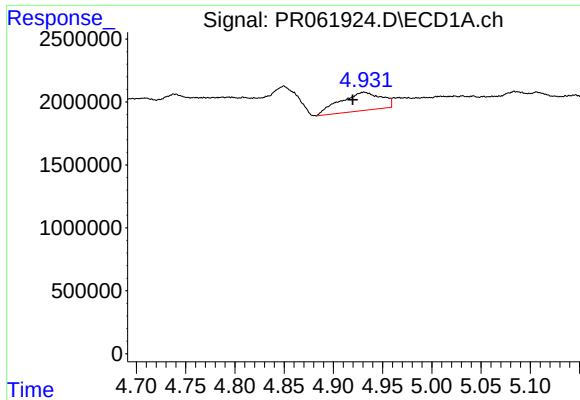
#2 Decachlorobiphenyl

R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 33954904
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

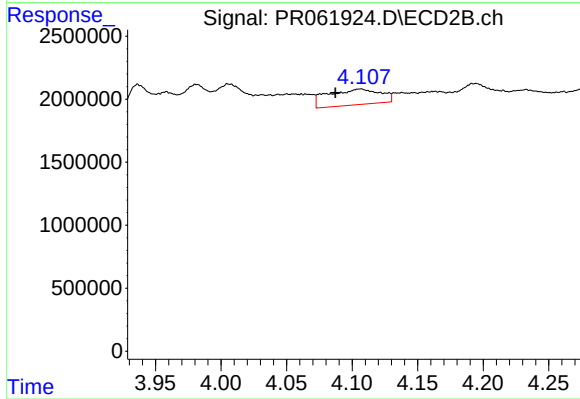
R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 75011792
Conc: 21.15 ng/ml



#3 AR-1016-1

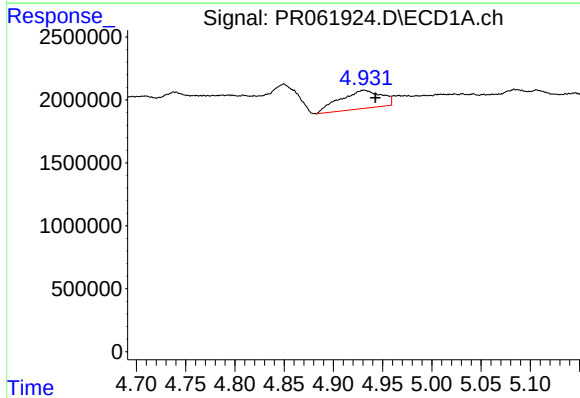
R.T.: 4.931 min
Delta R.T.: 0.011 min
Response: 4286091
Conc: 57.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



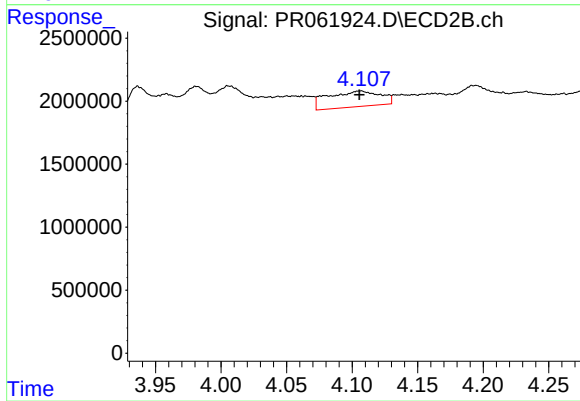
#3 AR-1016-1

R.T.: 4.106 min
Delta R.T.: 0.019 min
Response: 3476372
Conc: 34.22 ng/ml



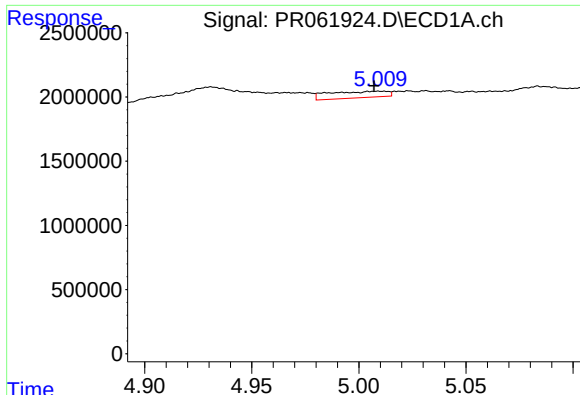
#4 AR-1016-2

R.T.: 4.931 min
Delta R.T.: -0.012 min
Response: 4286091
Conc: 40.54 ng/ml



#4 AR-1016-2

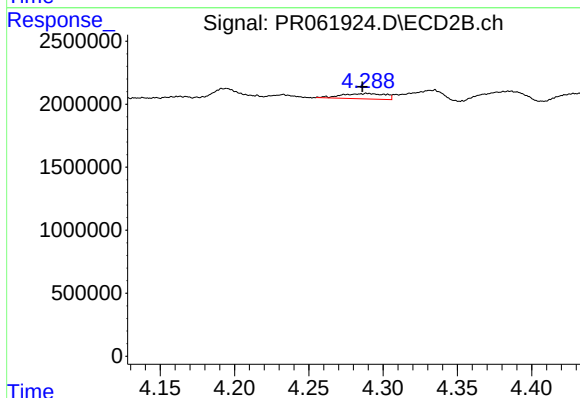
R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 3476372
Conc: 24.71 ng/ml



#5 AR-1016-3

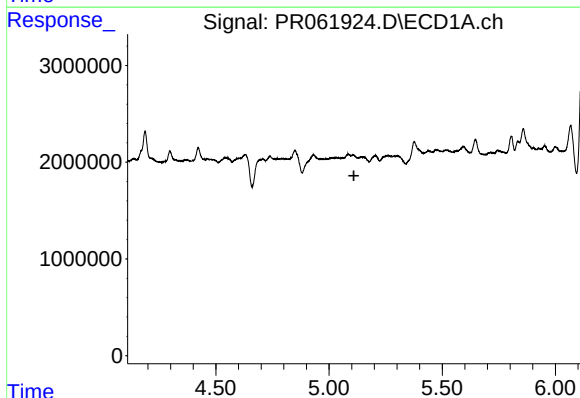
R.T.: 5.010 min
Delta R.T.: 0.002 min
Response: 964530
Conc: 14.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



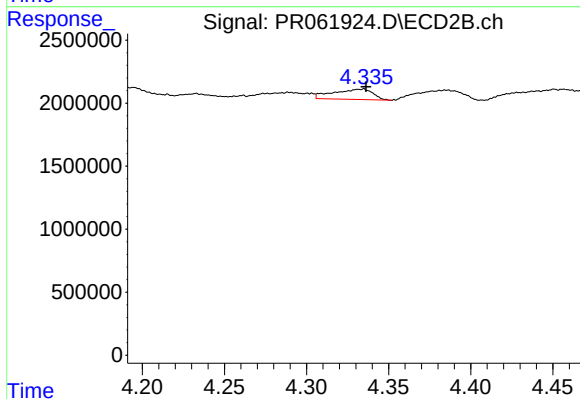
#5 AR-1016-3

R.T.: 4.290 min
Delta R.T.: 0.003 min
Response: 860777
Conc: 11.00 ng/ml



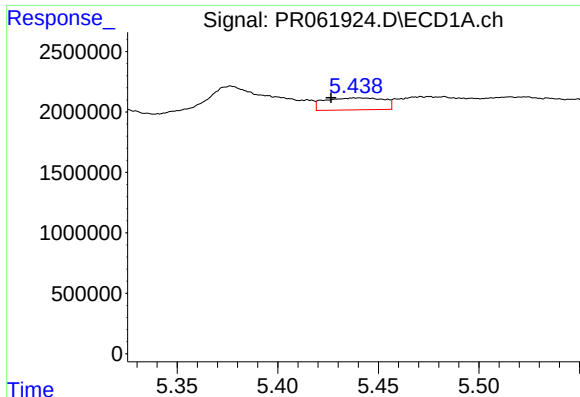
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



#6 AR-1016-4

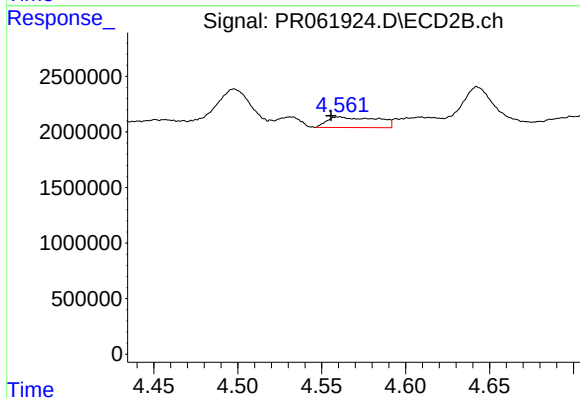
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 1373461
Conc: 21.42 ng/ml



#7 AR-1016-5

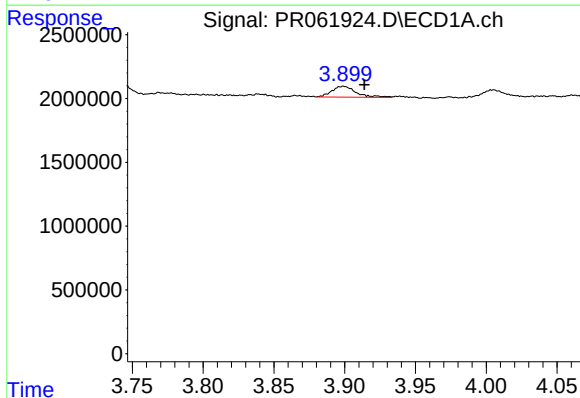
R.T.: 5.440 min
Delta R.T.: 0.013 min
Response: 2013405
Conc: 36.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



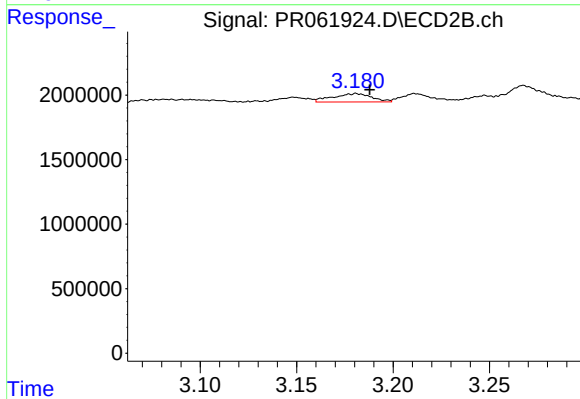
#7 AR-1016-5

R.T.: 4.561 min
Delta R.T.: 0.005 min
Response: 1977112
Conc: 23.79 ng/ml



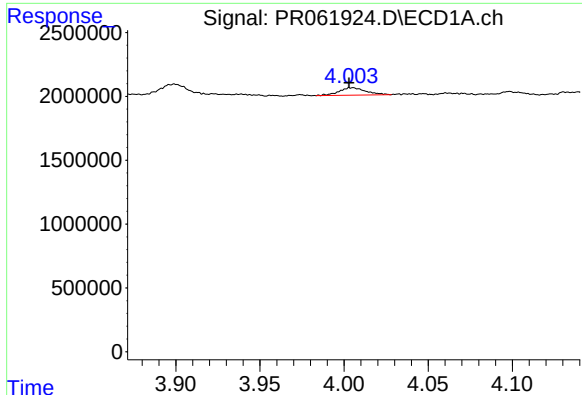
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.015 min
Response: 1006504
Conc: 37.30 ng/ml



#8 AR-1221-1

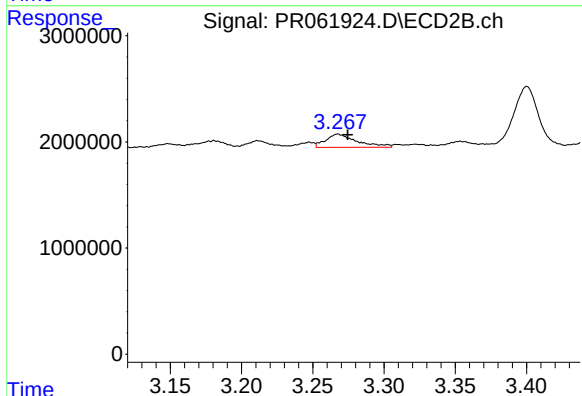
R.T.: 3.181 min
Delta R.T.: -0.007 min
Response: 905124
Conc: 25.24 ng/ml



#9 AR-1221-2

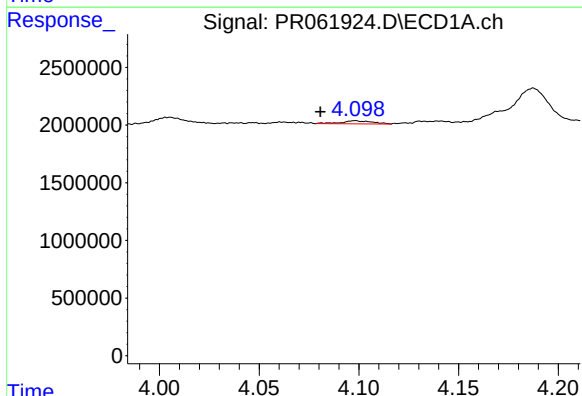
R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 648020
Conc: 33.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



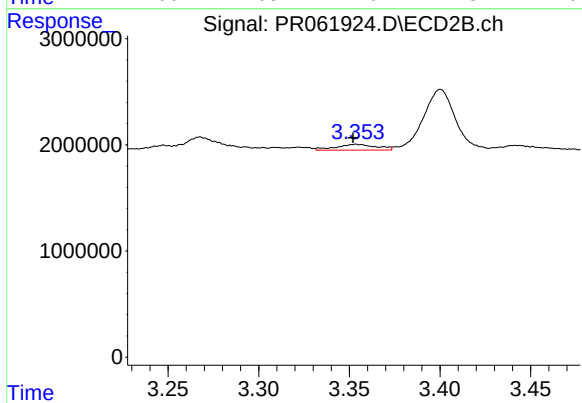
#9 AR-1221-2

R.T.: 3.268 min
Delta R.T.: -0.007 min
Response: 1909730
Conc: 69.41 ng/ml



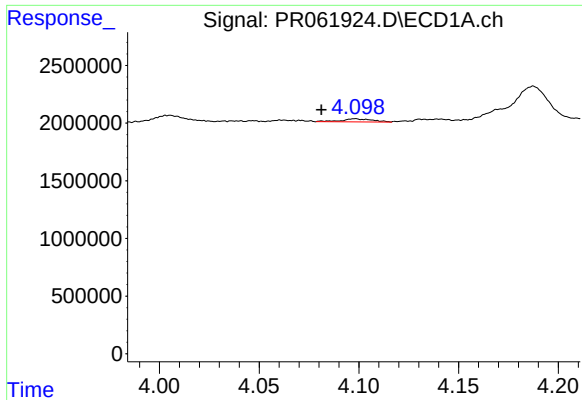
#10 AR-1221-3

R.T.: 4.098 min
Delta R.T.: 0.017 min
Response: 295990
Conc: 4.89 ng/ml



#10 AR-1221-3

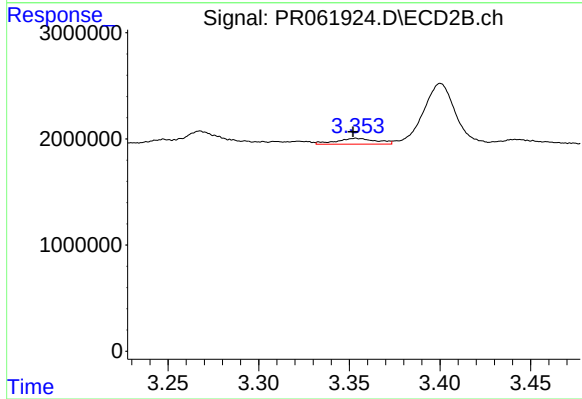
R.T.: 3.354 min
Delta R.T.: 0.001 min
Response: 839095
Conc: 10.41 ng/ml



#11 AR-1232-1

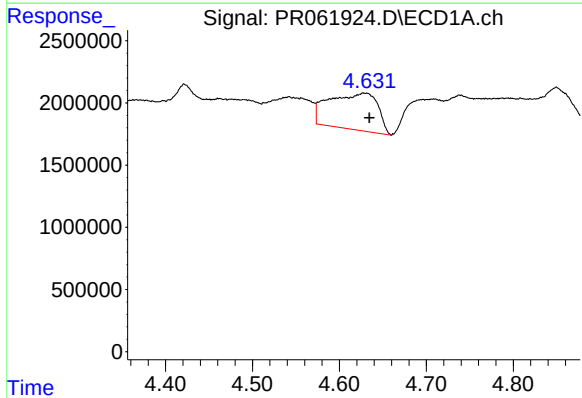
R.T.: 4.098 min
Delta R.T.: 0.017 min
Response: 295990
Conc: 6.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



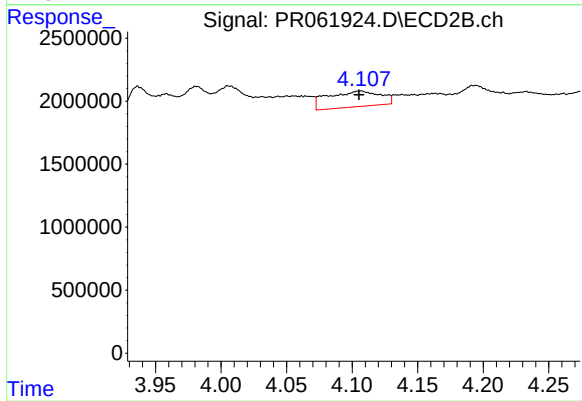
#11 AR-1232-1

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 839095
Conc: 13.90 ng/ml



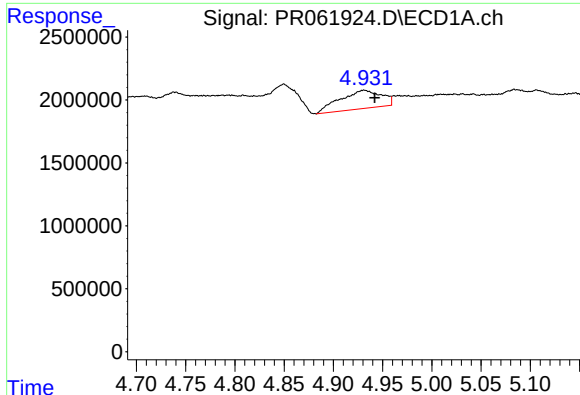
#12 AR-1232-2

R.T.: 4.628 min
Delta R.T.: -0.006 min
Response: 11475722
Conc: 431.82 ng/ml



#12 AR-1232-2

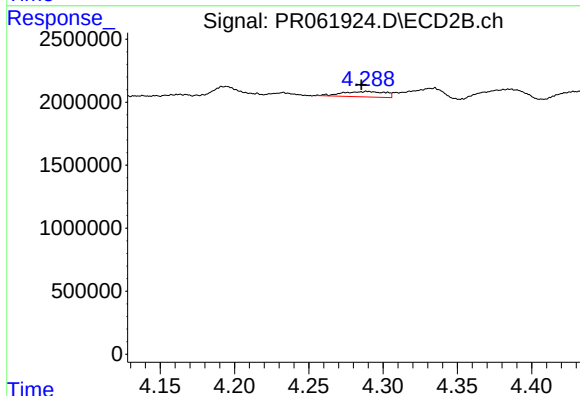
R.T.: 4.106 min
Delta R.T.: 0.001 min
Response: 3476372
Conc: 56.01 ng/ml



#13 AR-1232-3

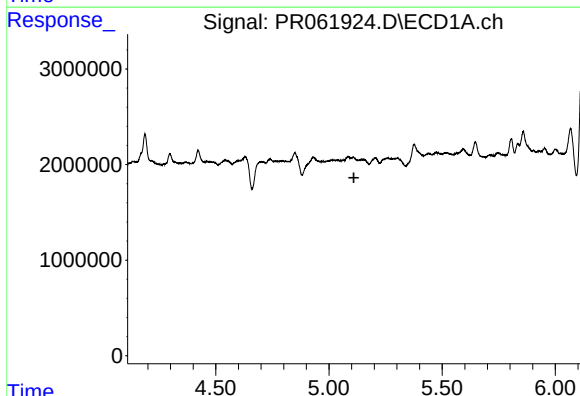
R.T.: 4.931 min
Delta R.T.: -0.011 min
Response: 4286091
Conc: 93.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



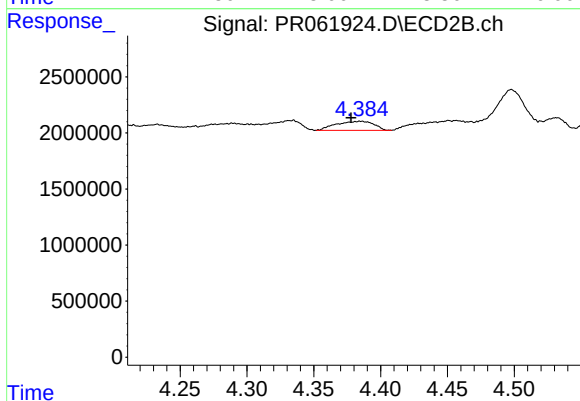
#13 AR-1232-3

R.T.: 4.290 min
Delta R.T.: 0.004 min
Response: 860777
Conc: 24.69 ng/ml



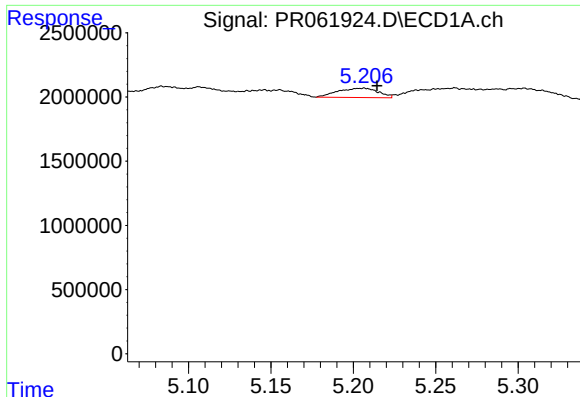
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



#14 AR-1232-4

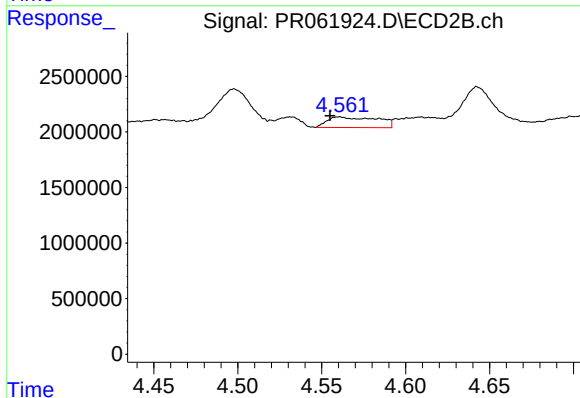
R.T.: 4.385 min
Delta R.T.: 0.007 min
Response: 1576866
Conc: 50.22 ng/ml



#15 AR-1232-5

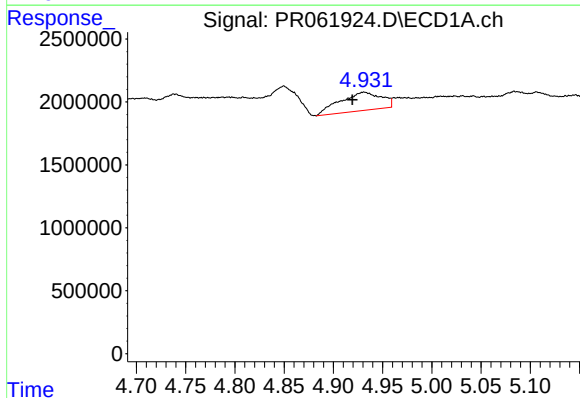
R.T.: 5.206 min
Delta R.T.: -0.008 min
Response: 1230347
Conc: 66.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



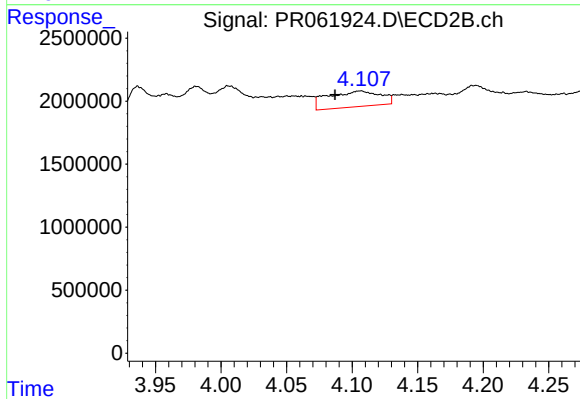
#15 AR-1232-5

R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 1977112
Conc: 54.89 ng/ml



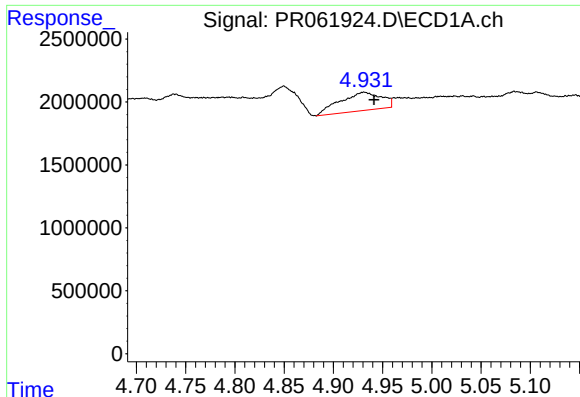
#16 AR-1242-1

R.T.: 4.931 min
Delta R.T.: 0.012 min
Response: 4286091
Conc: 77.24 ng/ml



#16 AR-1242-1

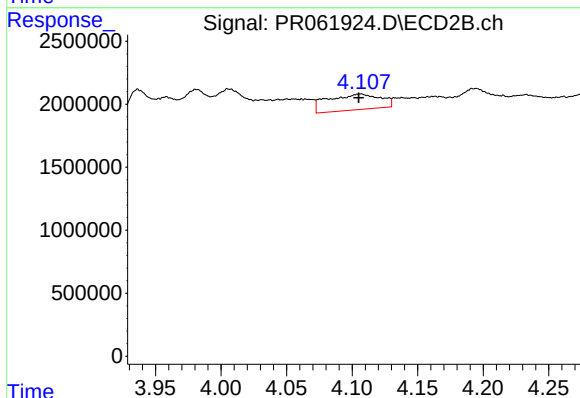
R.T.: 4.106 min
Delta R.T.: 0.019 min
Response: 3476372
Conc: 45.66 ng/ml



#17 AR-1242-2

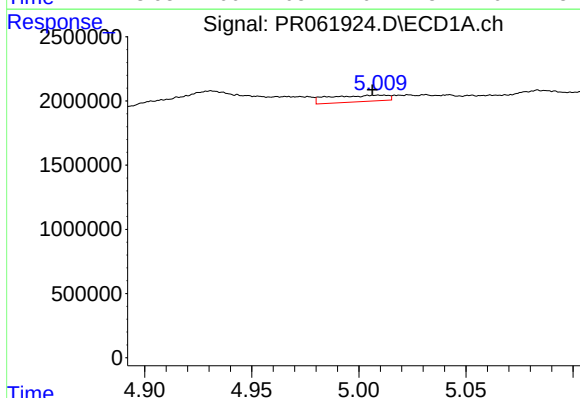
R.T.: 4.931 min
Delta R.T.: -0.010 min
Response: 4286091
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



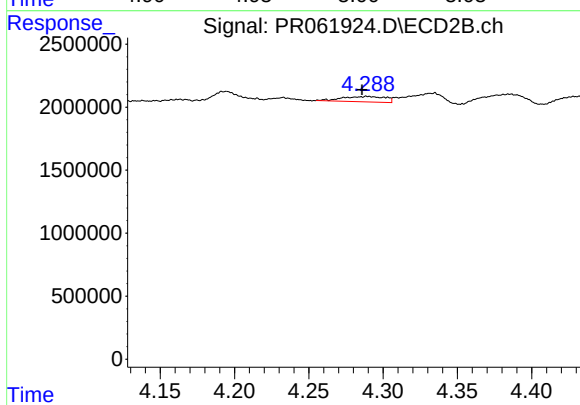
#17 AR-1242-2

R.T.: 4.106 min
Delta R.T.: 0.001 min
Response: 3476372
Conc: 33.39 ng/ml



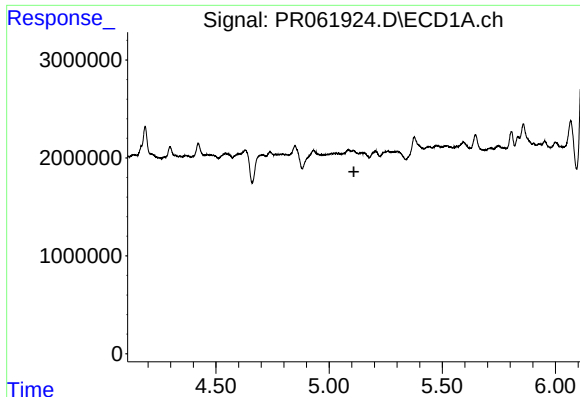
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: 0.003 min
Response: 964530
Conc: 19.26 ng/ml



#18 AR-1242-3

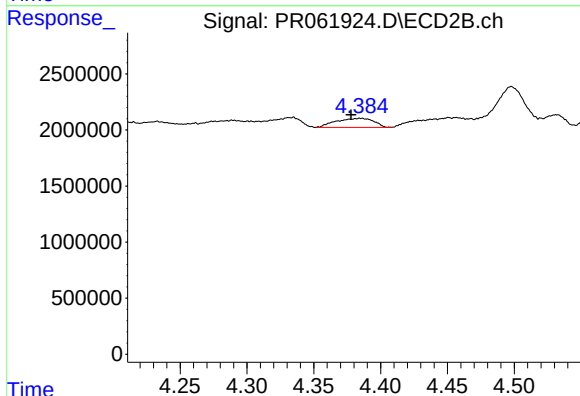
R.T.: 4.290 min
Delta R.T.: 0.004 min
Response: 860777
Conc: 14.60 ng/ml



#19 AR-1242-4

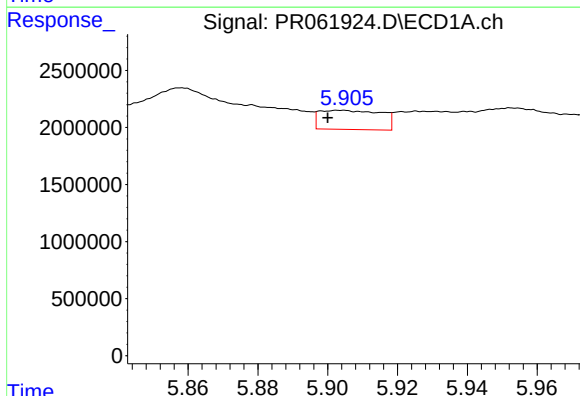
R.T.: 0.000 min
Exp R.T.: 5.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



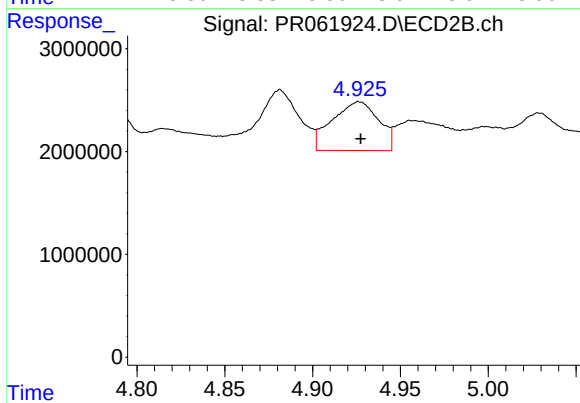
#19 AR-1242-4

R.T.: 4.385 min
Delta R.T.: 0.007 min
Response: 1576866
Conc: 26.56 ng/ml



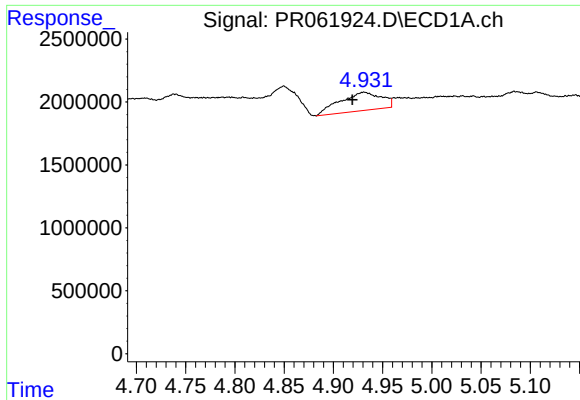
#20 AR-1242-5

R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 2060171
Conc: 52.27 ng/ml



#20 AR-1242-5

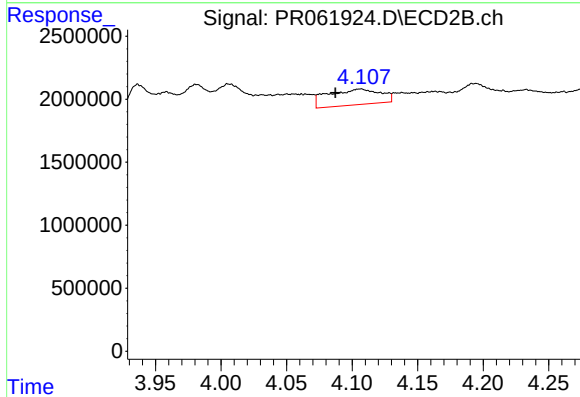
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 8742151
Conc: 111.19 ng/ml



#21 AR-1248-1

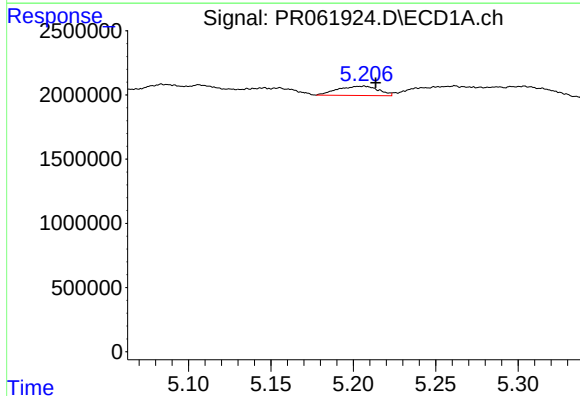
R.T.: 4.931 min
Delta R.T.: 0.012 min
Response: 4286091
Conc: 100.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



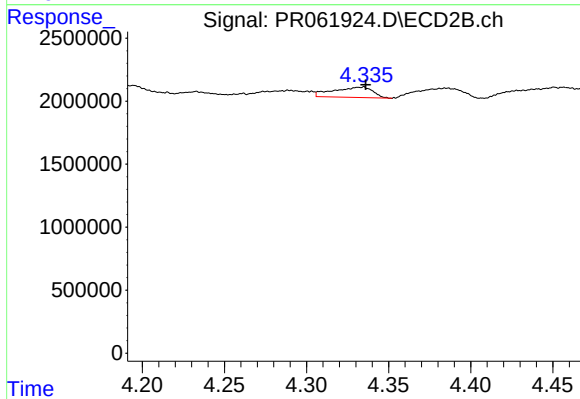
#21 AR-1248-1

R.T.: 4.106 min
Delta R.T.: 0.019 min
Response: 3476372
Conc: 56.80 ng/ml



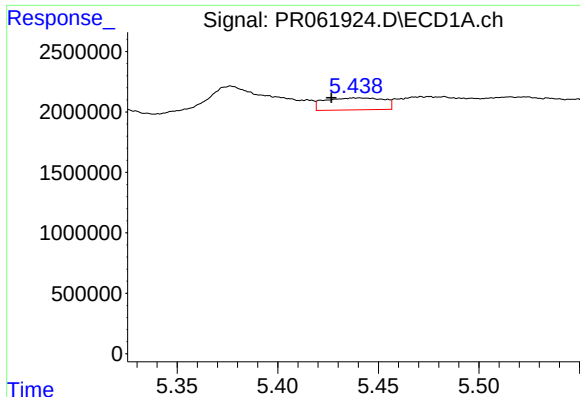
#22 AR-1248-2

R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 1230347
Conc: 19.84 ng/ml



#22 AR-1248-2

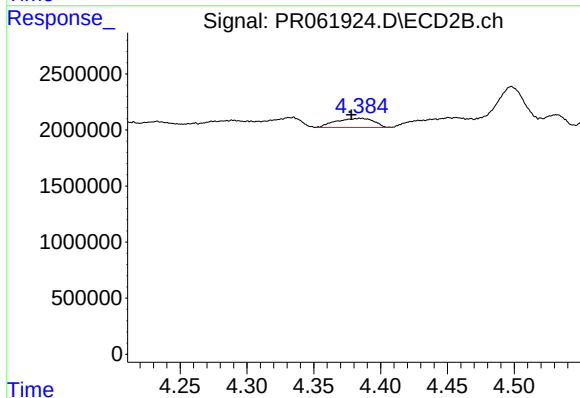
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 1373461
Conc: 15.94 ng/ml



#23 AR-1248-3

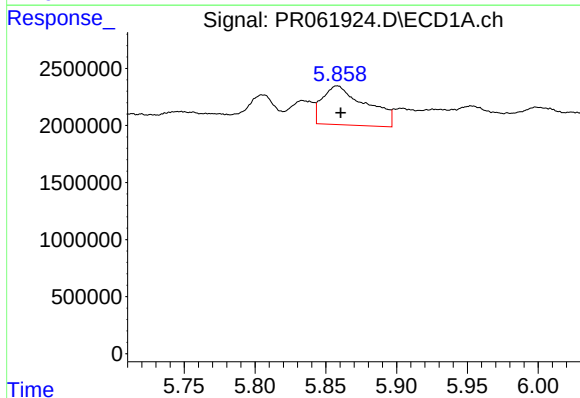
R.T.: 5.440 min
Delta R.T.: 0.013 min
Response: 2013405
Conc: 27.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



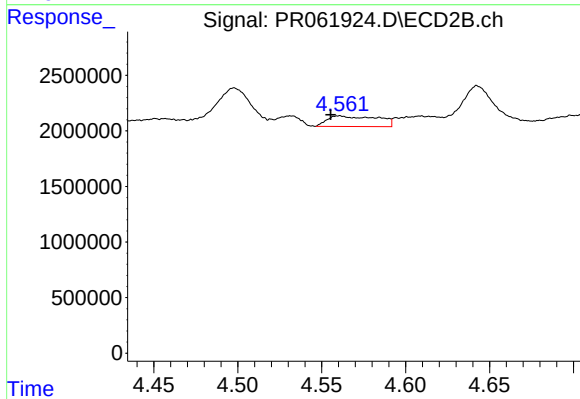
#23 AR-1248-3

R.T.: 4.385 min
Delta R.T.: 0.007 min
Response: 1576866
Conc: 17.72 ng/ml



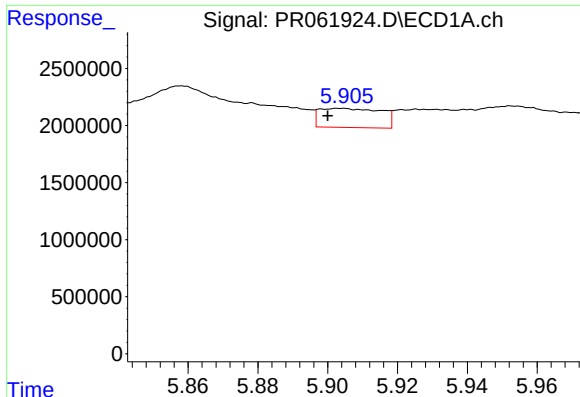
#24 AR-1248-4

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 7347669
Conc: 100.54 ng/ml



#24 AR-1248-4

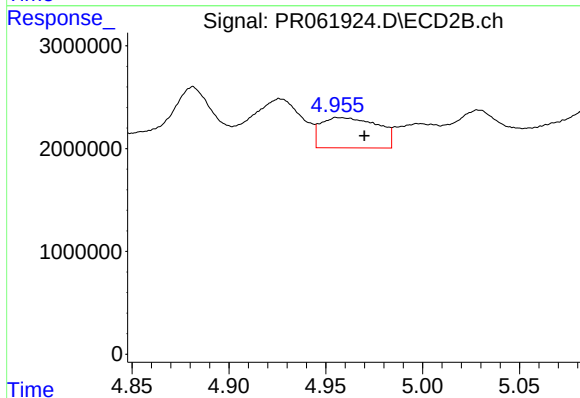
R.T.: 4.561 min
Delta R.T.: 0.005 min
Response: 1977112
Conc: 18.33 ng/ml



#25 AR-1248-5

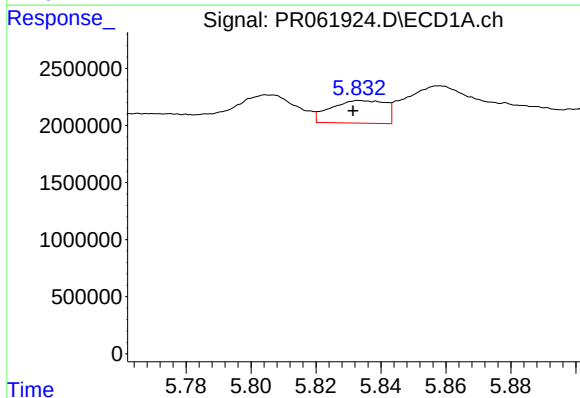
R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 2060171
Conc: 28.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



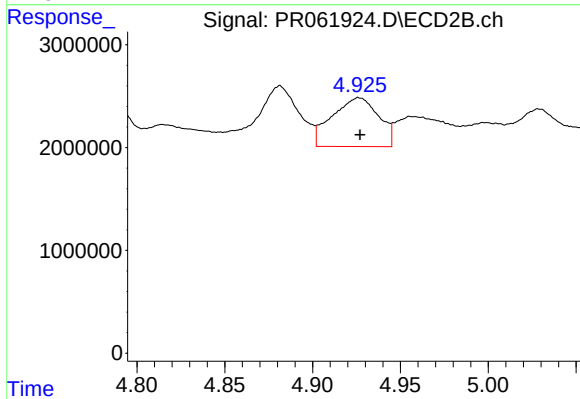
#25 AR-1248-5

R.T.: 4.957 min
Delta R.T.: -0.013 min
Response: 5995592
Conc: 56.05 ng/ml



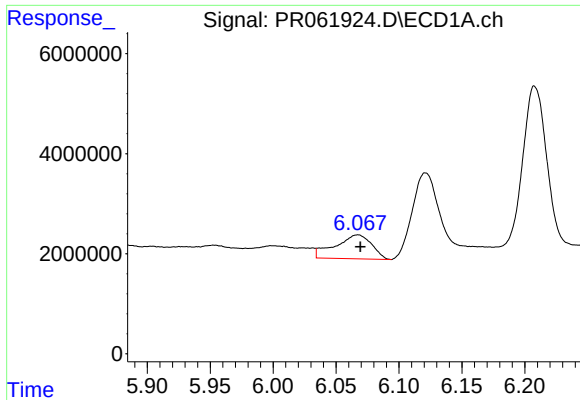
#26 AR-1254-1

R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 2310840
Conc: 28.97 ng/ml



#26 AR-1254-1

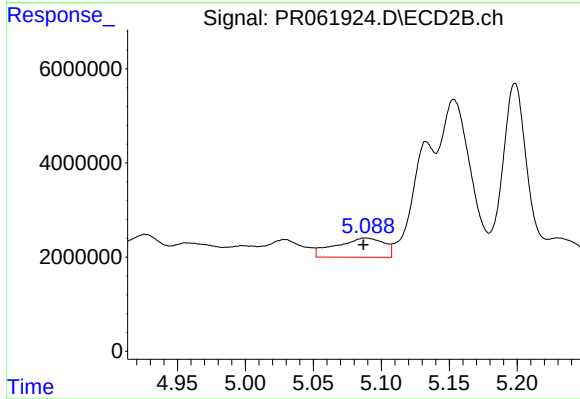
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 8742151
Conc: 54.79 ng/ml



#27 AR-1254-2

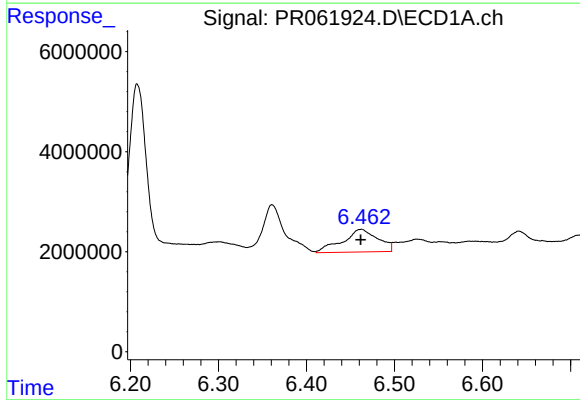
R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 9651699
Conc: 82.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



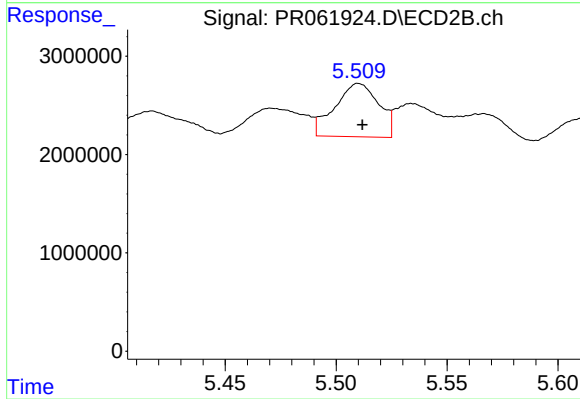
#27 AR-1254-2

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 10095181
Conc: 69.51 ng/ml



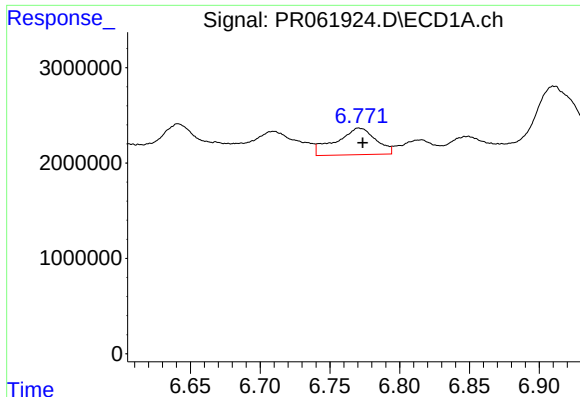
#28 AR-1254-3

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 12676344
Conc: 110.57 ng/ml



#28 AR-1254-3

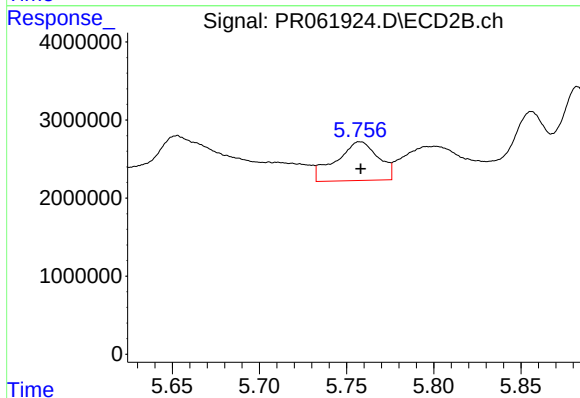
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 7490896
Conc: 31.66 ng/ml



#29 AR-1254-4

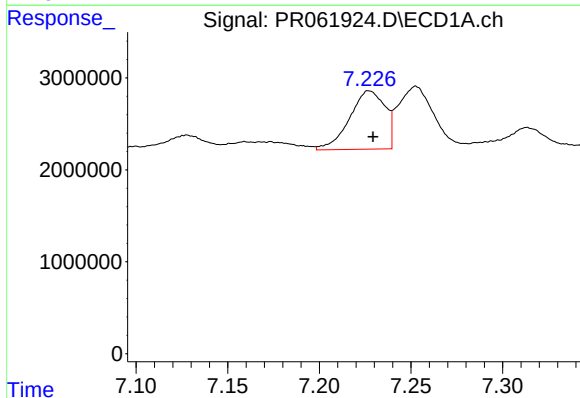
R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 5536768
Conc: 69.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



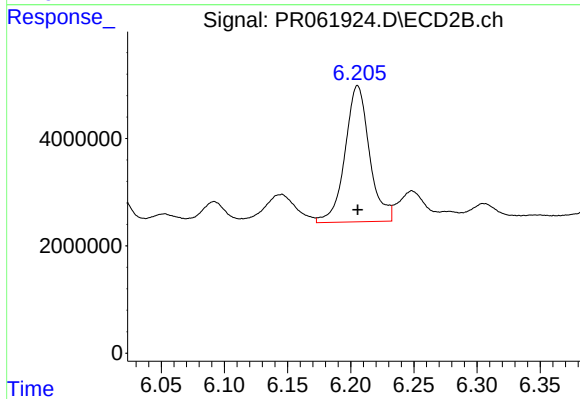
#29 AR-1254-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 8376030
Conc: 55.00 ng/ml



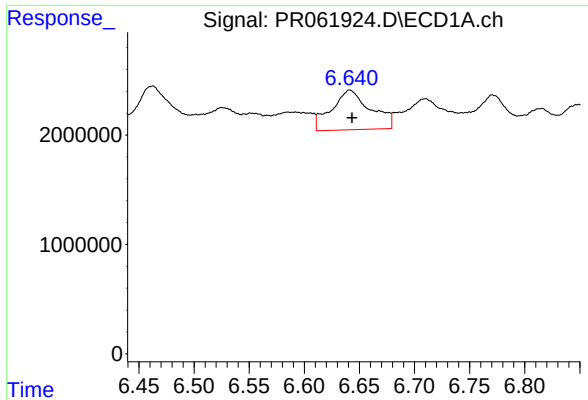
#30 AR-1254-5

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 8545355
Conc: 95.27 ng/ml



#30 AR-1254-5

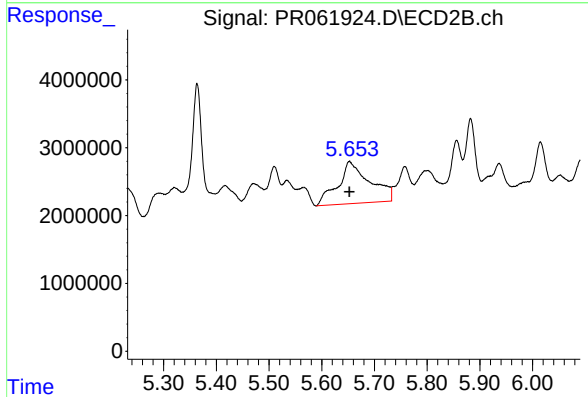
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 34230880
Conc: 139.62 ng/ml



#31 AR-1260-1

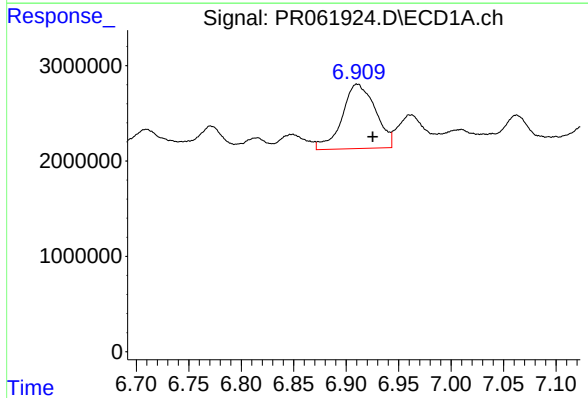
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 8931501
Conc: 89.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



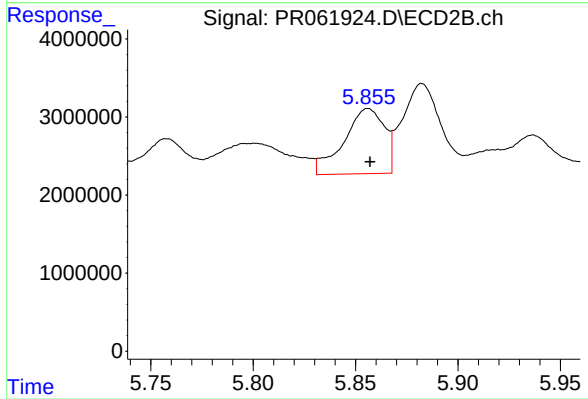
#31 AR-1260-1

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 26241824
Conc: 151.16 ng/ml



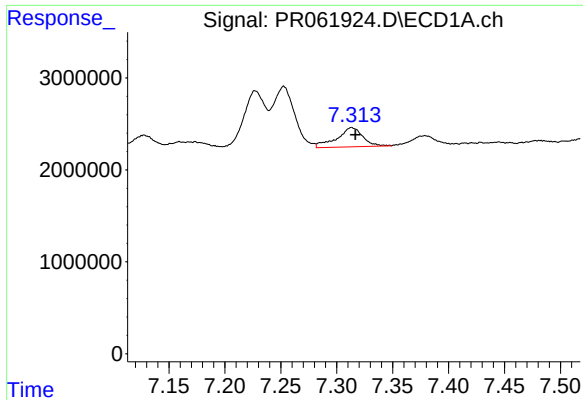
#32 AR-1260-2

R.T.: 6.911 min
Delta R.T.: -0.015 min
Response: 14956005
Conc: 135.70 ng/ml



#32 AR-1260-2

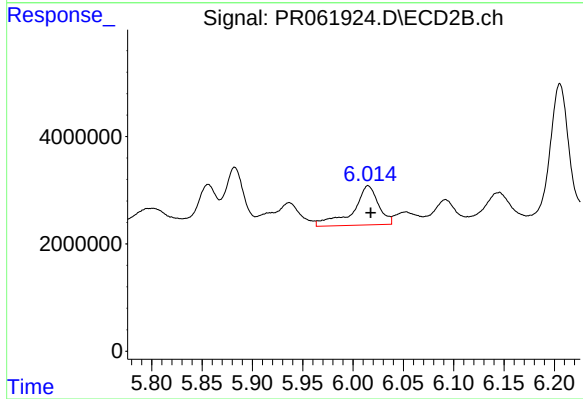
R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 11502538
Conc: 52.29 ng/ml



#33 AR-1260-3

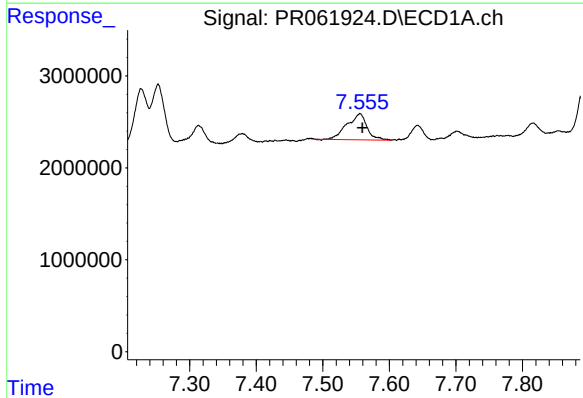
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 3385049
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



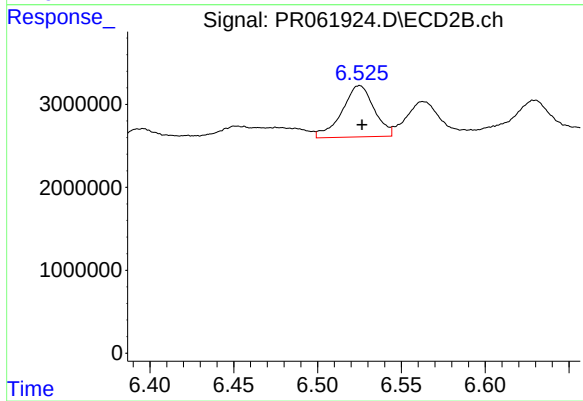
#33 AR-1260-3

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 12889947
Conc: 61.61 ng/ml



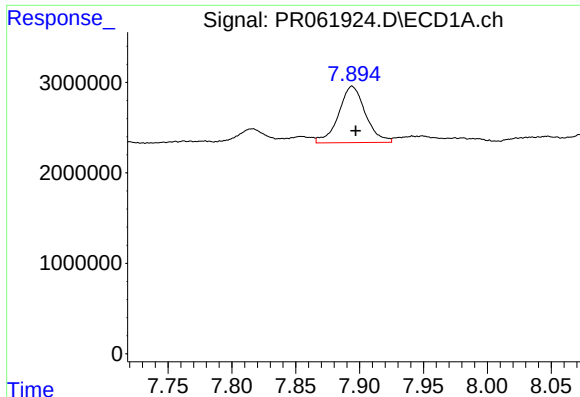
#34 AR-1260-4

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 5909156
Conc: 72.15 ng/ml



#34 AR-1260-4

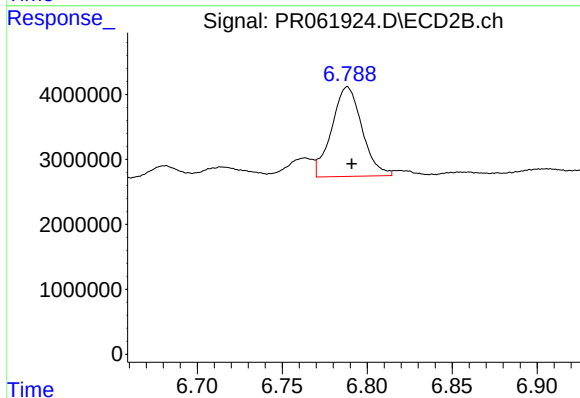
R.T.: 6.525 min
Delta R.T.: -0.002 min
Response: 8267509
Conc: 52.33 ng/ml



#35 AR-1260-5

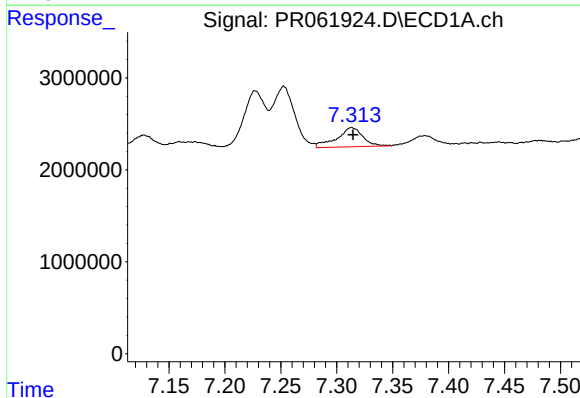
R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 9096280
Conc: 64.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



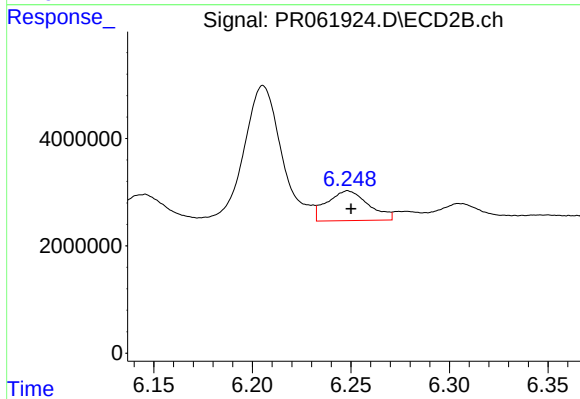
#35 AR-1260-5

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 17114770
Conc: 46.08 ng/ml



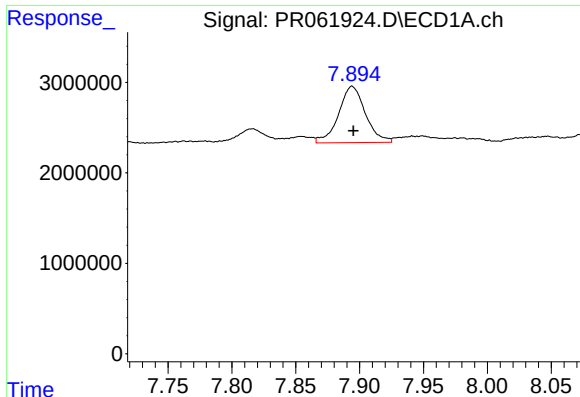
#36 AR-1262-1

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 3385049
Conc: 31.54 ng/ml



#36 AR-1262-1

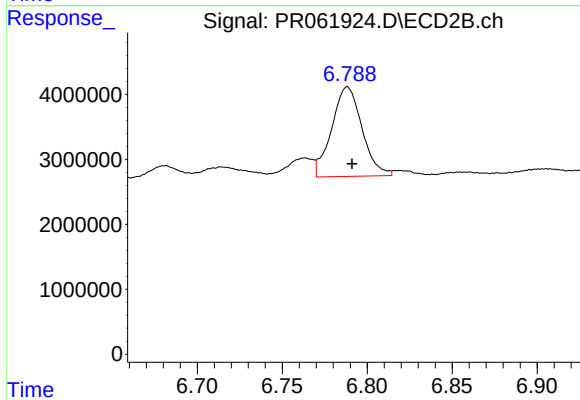
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 8142870
Conc: 34.34 ng/ml



#37 AR-1262-2

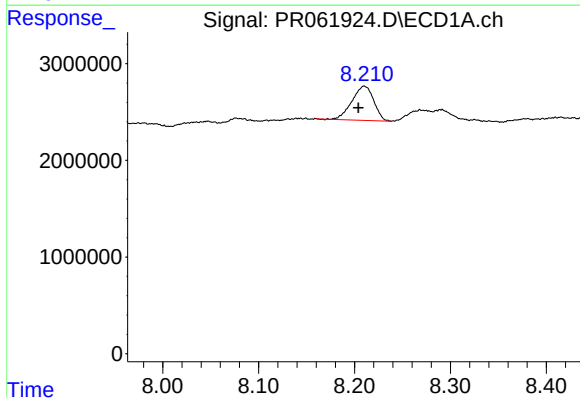
R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 9096280
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



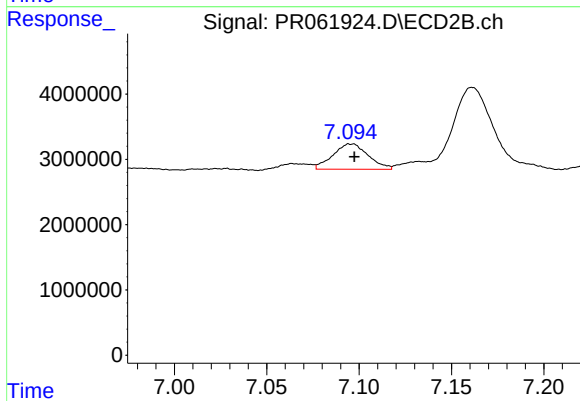
#37 AR-1262-2

R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 17114770
Conc: 39.04 ng/ml



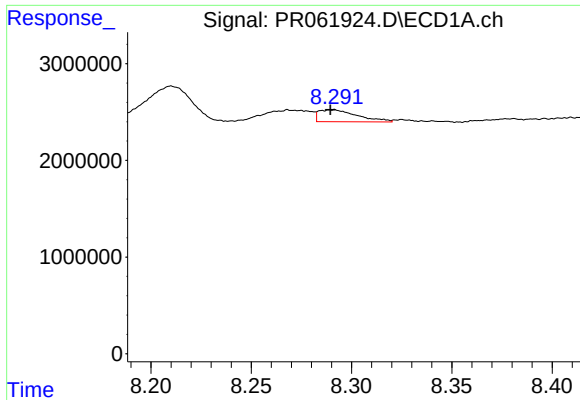
#38 AR-1262-3

R.T.: 8.210 min
Delta R.T.: 0.006 min
Response: 5620977
Conc: 49.19 ng/ml



#38 AR-1262-3

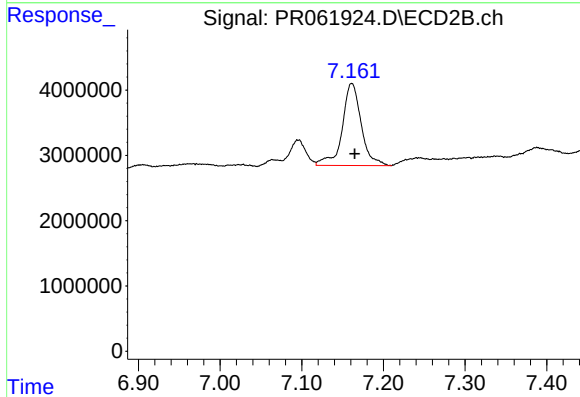
R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 5183939
Conc: 27.50 ng/ml



#39 AR-1262-4

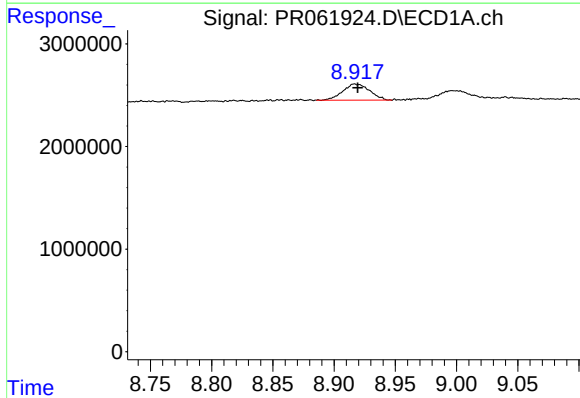
R.T.: 8.290 min
Delta R.T.: 0.001 min
Response: 1673393
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



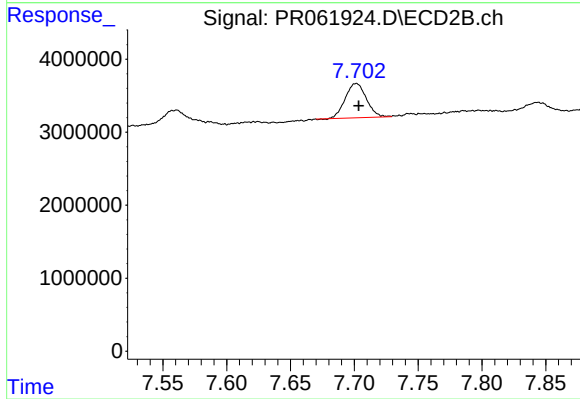
#39 AR-1262-4

R.T.: 7.161 min
Delta R.T.: -0.004 min
Response: 20294960
Conc: 60.34 ng/ml



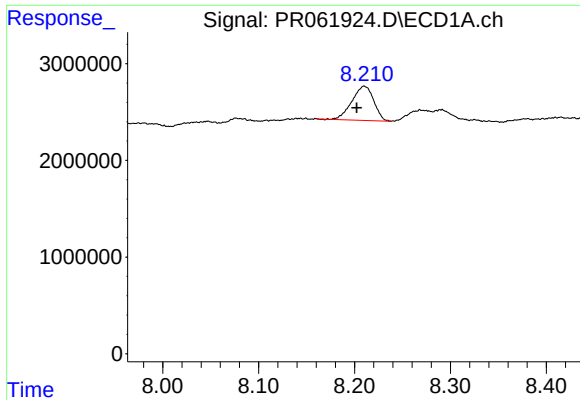
#40 AR-1262-5

R.T.: 8.917 min
Delta R.T.: -0.002 min
Response: 2397460
Conc: 40.67 ng/ml



#40 AR-1262-5

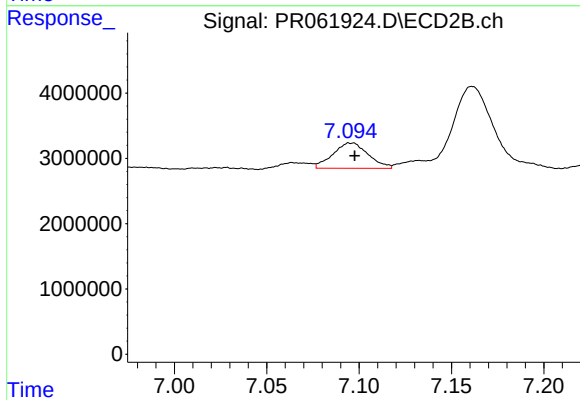
R.T.: 7.702 min
Delta R.T.: -0.002 min
Response: 5392384
Conc: 33.65 ng/ml



#41 AR-1268-1

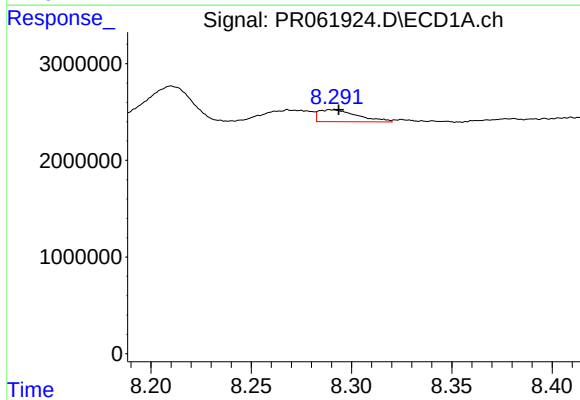
R.T.: 8.210 min
Delta R.T.: 0.008 min
Response: 5620977
Conc: 28.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



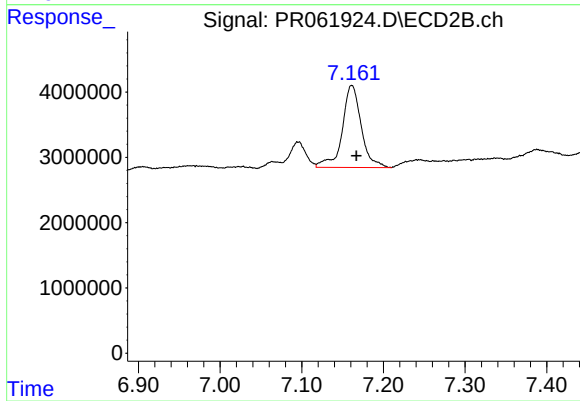
#41 AR-1268-1

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 5183939
Conc: 10.08 ng/ml



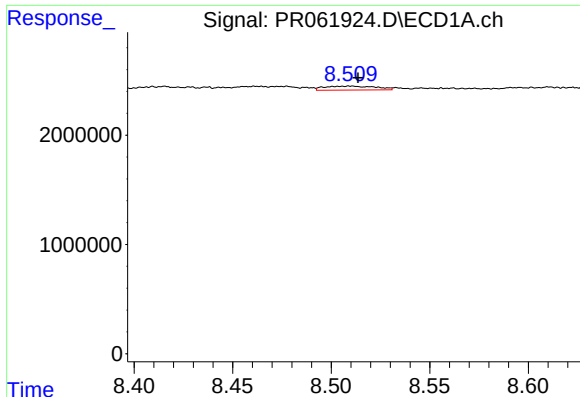
#42 AR-1268-2

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 1673393
Conc: 9.18 ng/ml



#42 AR-1268-2

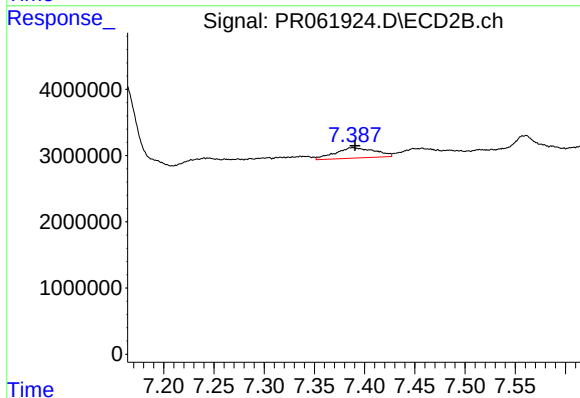
R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 20294960
Conc: 42.65 ng/ml



#43 AR-1268-3

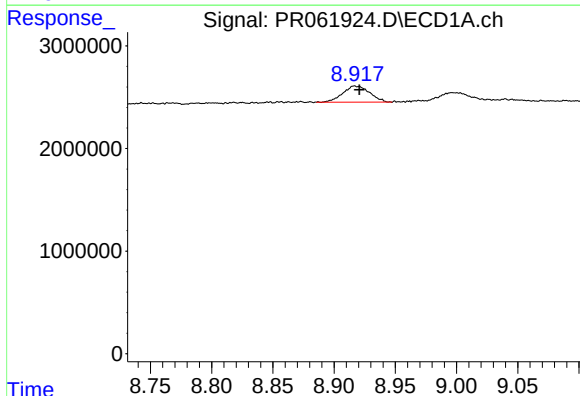
R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 671834
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



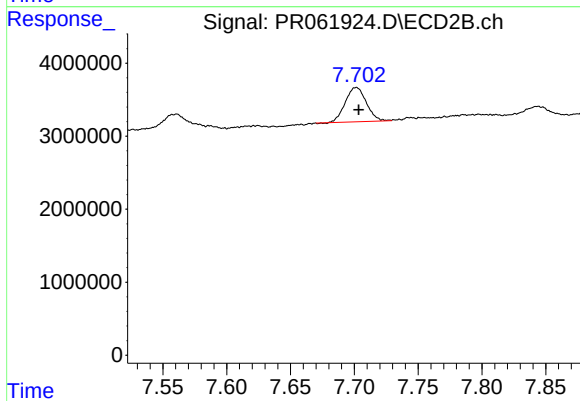
#43 AR-1268-3

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 4305806
Conc: 10.51 ng/ml



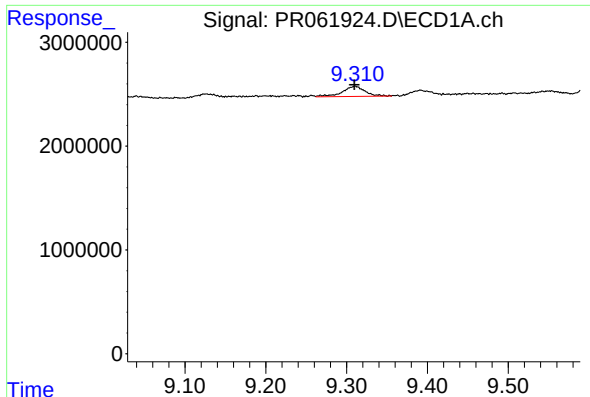
#44 AR-1268-4

R.T.: 8.917 min
Delta R.T.: -0.004 min
Response: 2397460
Conc: 37.26 ng/ml



#44 AR-1268-4

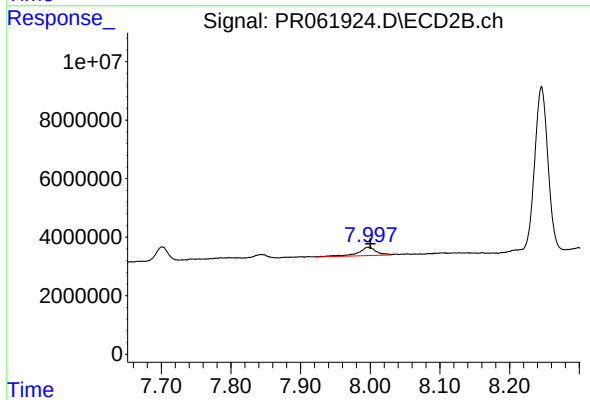
R.T.: 7.702 min
Delta R.T.: -0.002 min
Response: 5392384
Conc: 30.68 ng/ml



#45 AR-1268-5

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 1912689
Conc: 4.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 5208369
Conc: 4.04 ng/ml