

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061923\
 Data File : PR061898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 21:53
 Operator : YP\AJ
 Sample : 03219-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 061223-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:47:57 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...	3.692	2.962	48003685	67547484	21.831	24.589
2)	SA Decachlor...	9.627	8.246	55023166	85129876	38.027	24.005 #
Target Compounds							
3)	L1 AR-1016-1	4.930	4.088	8583505	4009867	115.279	39.474 #
4)	L1 AR-1016-2	4.930	4.088f	8583505	4009867	81.183	28.500 #
5)	L1 AR-1016-3	5.020	4.265f	5135388	1462292	76.557	18.685 #
6)	L1 AR-1016-4	5.130f	4.333	2031490	279761	37.961	4.364 #
7)	L1 AR-1016-5	5.416	4.530f	576415	3165269	10.408	38.082 #
8)	L2 AR-1221-1	3.918	3.185	647382	466839	23.993	13.019 #
9)	L2 AR-1221-2	4.004	3.264	848723	3264743	44.428	118.658 #
12)	L3 AR-1232-2	4.649	4.088f	1269266	4009867	47.762	64.602 #
13)	L3 AR-1232-3	4.930	4.265f	8583505	1462292	186.240	41.936 #
14)	L3 AR-1232-4	5.130f	4.382	2031490	806948	88.875	25.700 #
15)	L3 AR-1232-5	5.200	4.530f	1750989	3165269	95.155	87.870
16)	L4 AR-1242-1	4.930	4.088	8583505	4009867	154.691	52.668 #
17)	L4 AR-1242-2	4.930	4.088f	8583505	4009867	109.184	38.511 #
18)	L4 AR-1242-3	5.020	4.265f	5135388	1462292	102.537	24.809 #
19)	L4 AR-1242-4	5.130f	4.382	2031490	806948	50.425	13.593 #
20)	L4 AR-1242-5	5.922f	4.934	10462466	4332821	265.454	55.110 #
21)	L5 AR-1248-1	4.930	4.088	8583505	4009867	200.848	65.520 #
22)	L5 AR-1248-2	5.200	4.333	1750989	279761	28.235	3.246 #
23)	L5 AR-1248-3	5.416	4.382	576415	806948	8.012	9.069
24)	L5 AR-1248-4	5.868	4.530f	5862313	3165269	80.219	29.342 #
25)	L5 AR-1248-5	5.922f	0.000	10462466	0	146.937	N.D. #
26)	L6 AR-1254-1	5.838	4.934	4704702	4332821	58.974	27.158 #
27)	L6 AR-1254-2	6.066	5.092	4825199	1833616	41.024	12.626 #
28)	L6 AR-1254-3	6.463	5.511	3183868	50646455	27.773	214.089 #
29)	L6 AR-1254-4	6.757f	0.000	58015850	0	725.613	N.D. #
30)	L6 AR-1254-5	7.225	6.206	12524461	15907020	139.627	64.880 #
31)	L7 AR-1260-1	6.670f	5.658	55879314	48213231	561.940	277.725 #
32)	L7 AR-1260-2	0.000	5.858	0	16995072	N.D.	77.253 #
33)	L7 AR-1260-3	7.318	6.032	31907369	9460202	460.940	45.219 #
34)	L7 AR-1260-4	7.558	6.528	10639306	80663032	129.910	510.596 #
35)	L7 AR-1260-5	7.898	6.771f	58371614	69648562	414.611	187.528 #
36)	L8 AR-1262-1	7.318	6.252	31907369	47251095	297.264	199.245 #
37)	L8 AR-1262-2	7.898	6.771f	58371614	69648562	351.578	158.880 #
38)	L8 AR-1262-3	8.196	7.092	12419021	40193378	108.687	213.251 #
39)	L8 AR-1262-4	8.296	7.167	51660565	54551488	578.621	162.180 #
40)	L8 AR-1262-5	8.919	7.703	5768941	18809266	97.866	117.379
41)	L9 AR-1268-1	8.196	7.092	12419021	40193378	62.804	78.124
42)	L9 AR-1268-2	8.296	7.167	51660565	54551488	283.538	114.630 #
43)	L9 AR-1268-3	0.000	7.388	0	19883691	N.D.	48.553 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061923\
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 Acq On : 19 Jun 2023 21:53
 Operator : YP\AJ
 Sample : 03219-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

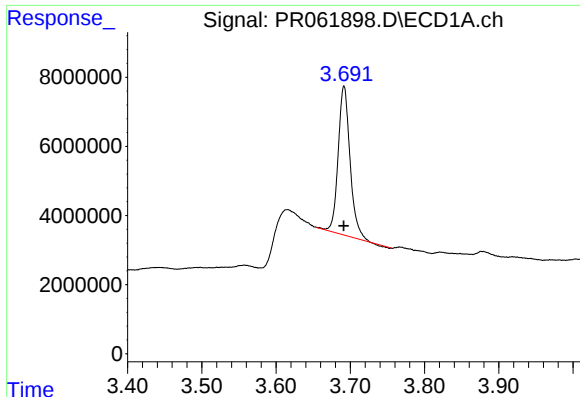
Instrument :
 ECD_R
 ClientSampleId :
 061223-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:47:57 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
44) L9	AR-1268-4	8.919	7.703	5768941	18809266	89.648	107.019
45) L9	AR-1268-5	9.313	7.998	35236739	25115730	76.594	19.498 #

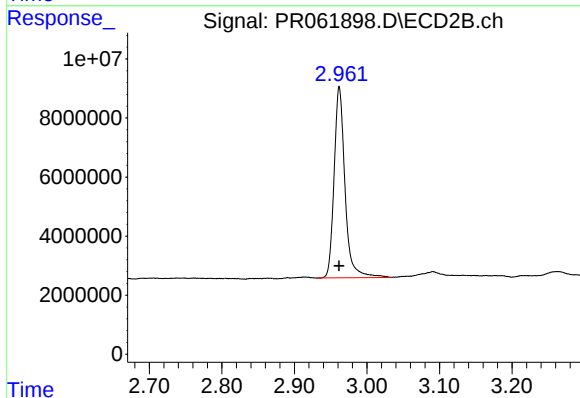
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

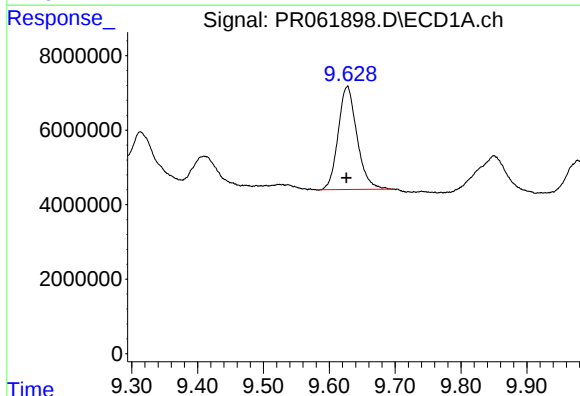
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 48003685
Conc: 21.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



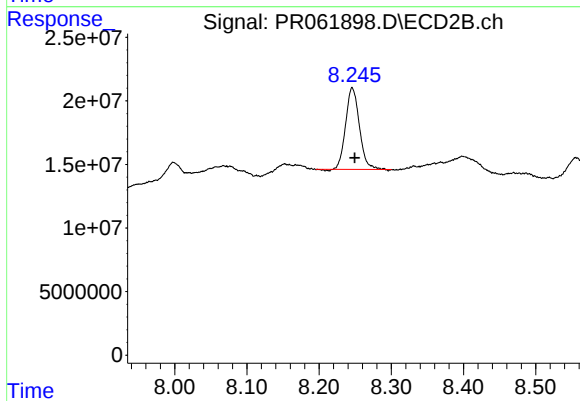
#1 Tetrachloro-m-xylene

R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 67547484
Conc: 24.59 ng/ml



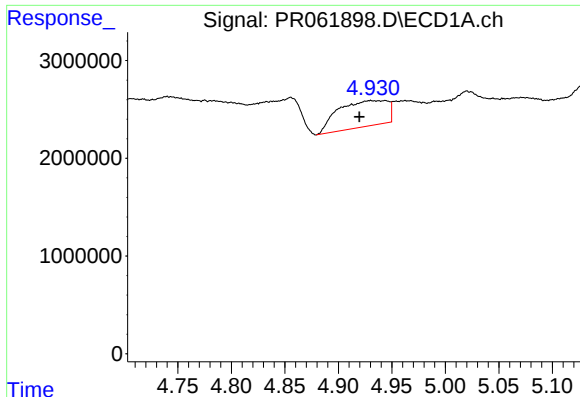
#2 Decachlorobiphenyl

R.T.: 9.627 min
Delta R.T.: 0.001 min
Response: 55023166
Conc: 38.03 ng/ml



#2 Decachlorobiphenyl

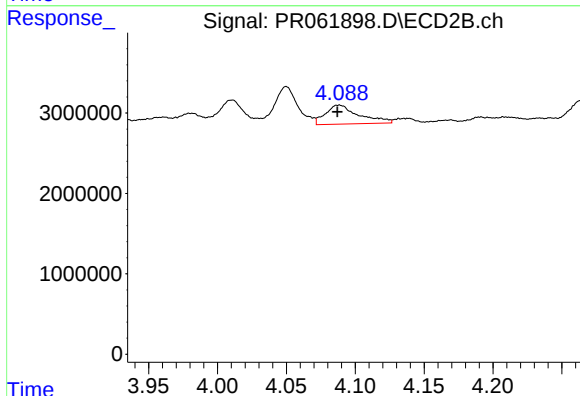
R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 85129876
Conc: 24.00 ng/ml



#3 AR-1016-1

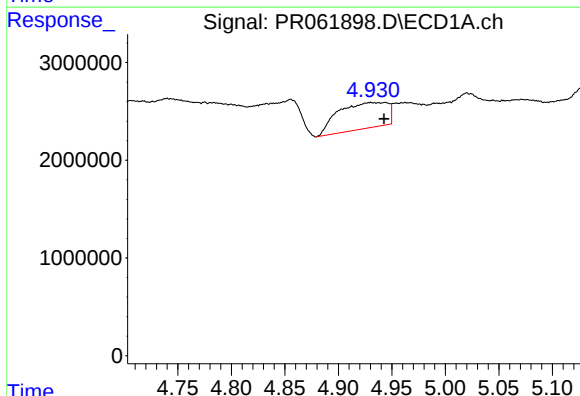
R.T.: 4.930 min
Delta R.T.: 0.010 min
Response: 8583505
Conc: 115.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



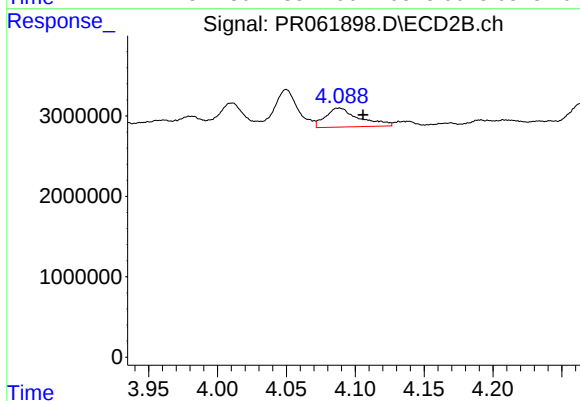
#3 AR-1016-1

R.T.: 4.088 min
Delta R.T.: 0.001 min
Response: 4009867
Conc: 39.47 ng/ml



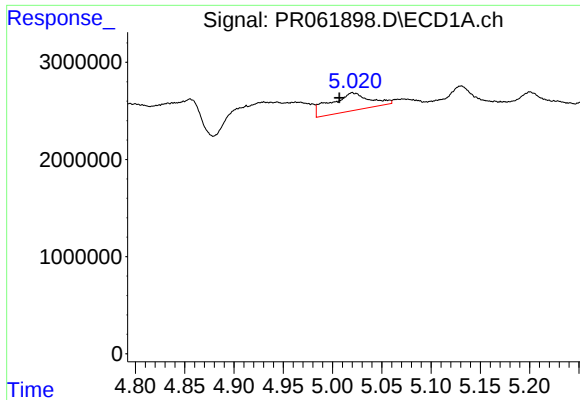
#4 AR-1016-2

R.T.: 4.930 min
Delta R.T.: -0.012 min
Response: 8583505
Conc: 81.18 ng/ml



#4 AR-1016-2

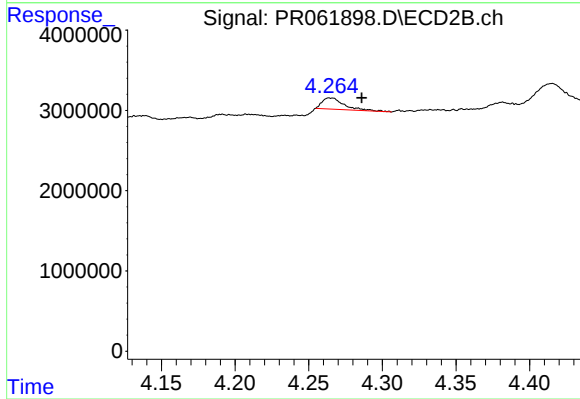
R.T.: 4.088 min
Delta R.T.: -0.017 min
Response: 4009867
Conc: 28.50 ng/ml



#5 AR-1016-3

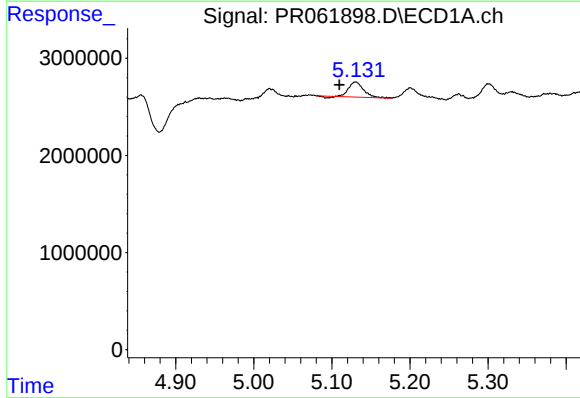
R.T.: 5.020 min
Delta R.T.: 0.013 min
Response: 5135388
Conc: 76.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



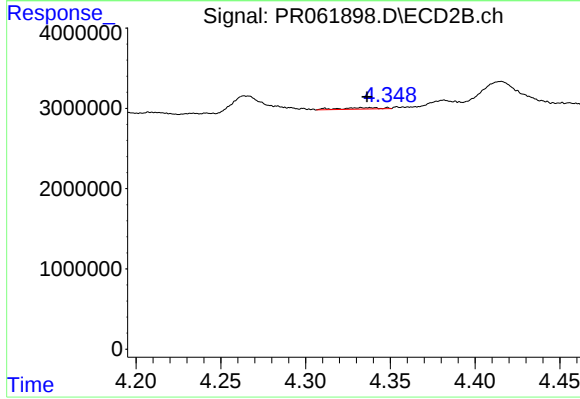
#5 AR-1016-3

R.T.: 4.265 min
Delta R.T.: -0.021 min
Response: 1462292
Conc: 18.68 ng/ml



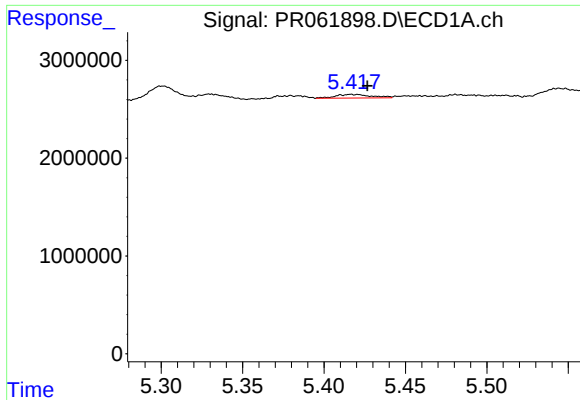
#6 AR-1016-4

R.T.: 5.130 min
Delta R.T.: 0.021 min
Response: 2031490
Conc: 37.96 ng/ml



#6 AR-1016-4

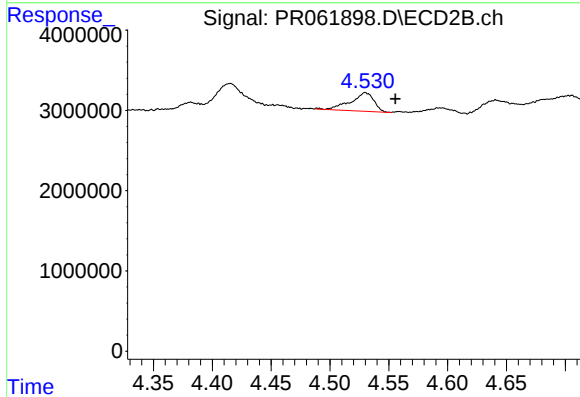
R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 279761
Conc: 4.36 ng/ml



#7 AR-1016-5

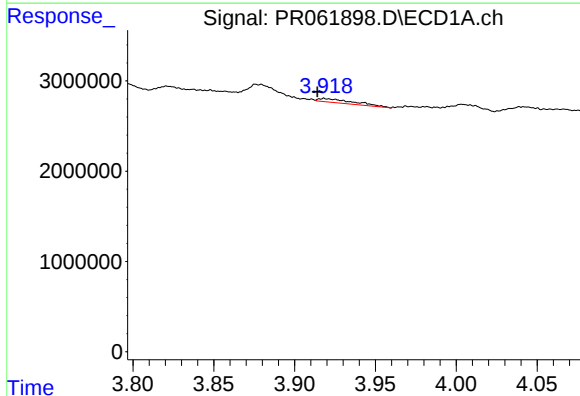
R.T.: 5.416 min
Delta R.T.: -0.010 min
Response: 576415
Conc: 10.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



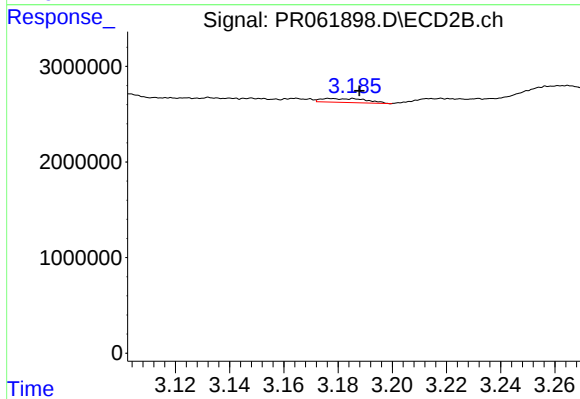
#7 AR-1016-5

R.T.: 4.530 min
Delta R.T.: -0.025 min
Response: 3165269
Conc: 38.08 ng/ml



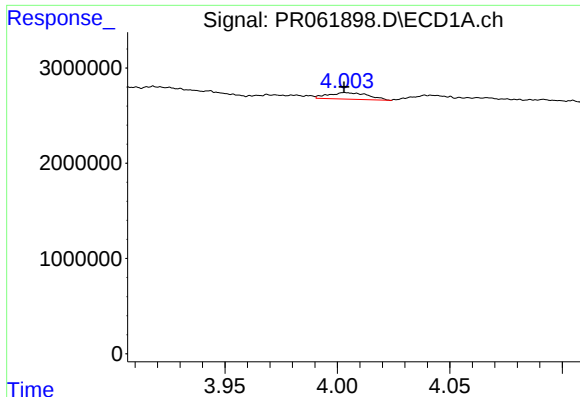
#8 AR-1221-1

R.T.: 3.918 min
Delta R.T.: 0.004 min
Response: 647382
Conc: 23.99 ng/ml



#8 AR-1221-1

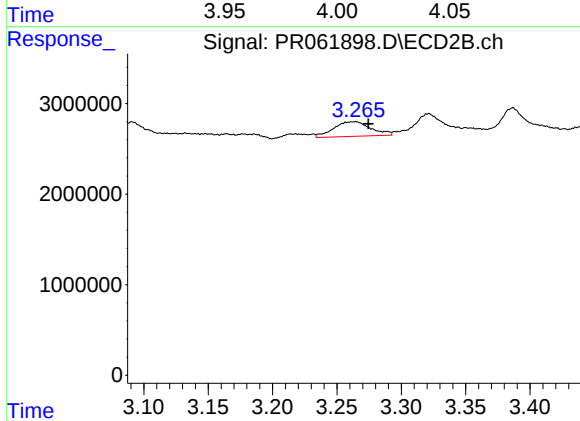
R.T.: 3.185 min
Delta R.T.: -0.002 min
Response: 466839
Conc: 13.02 ng/ml



#9 AR-1221-2

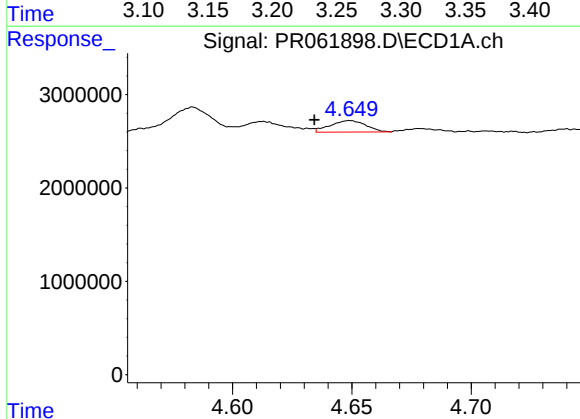
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 848723
Conc: 44.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



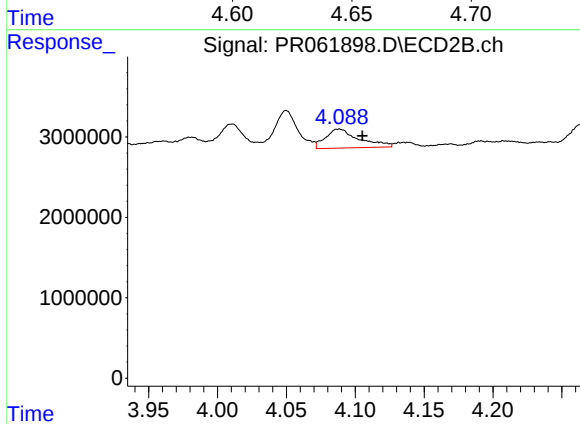
#9 AR-1221-2

R.T.: 3.264 min
Delta R.T.: -0.010 min
Response: 3264743
Conc: 118.66 ng/ml



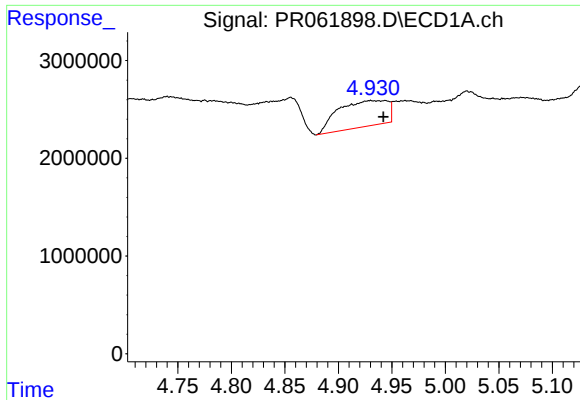
#12 AR-1232-2

R.T.: 4.649 min
Delta R.T.: 0.015 min
Response: 1269266
Conc: 47.76 ng/ml



#12 AR-1232-2

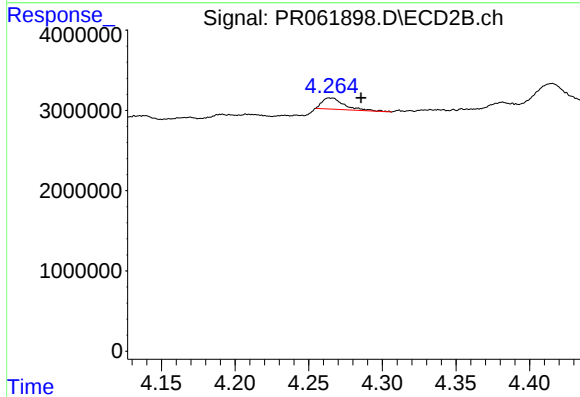
R.T.: 4.088 min
Delta R.T.: -0.017 min
Response: 4009867
Conc: 64.60 ng/ml



#13 AR-1232-3

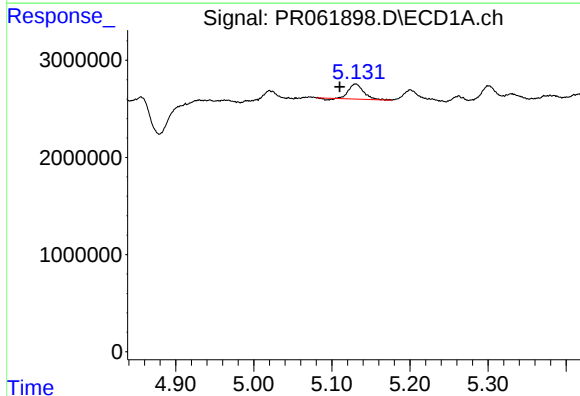
R.T.: 4.930 min
Delta R.T.: -0.012 min
Response: 8583505
Conc: 186.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



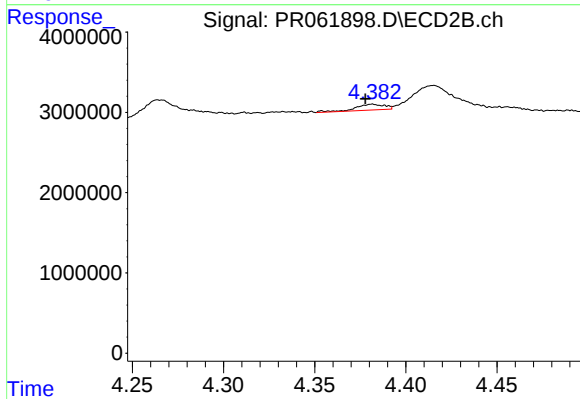
#13 AR-1232-3

R.T.: 4.265 min
Delta R.T.: -0.021 min
Response: 1462292
Conc: 41.94 ng/ml



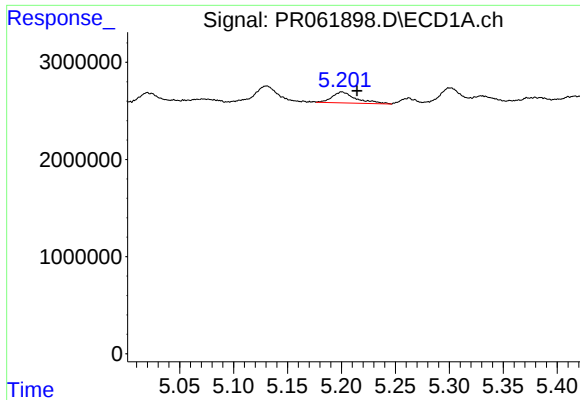
#14 AR-1232-4

R.T.: 5.130 min
Delta R.T.: 0.020 min
Response: 2031490
Conc: 88.88 ng/ml



#14 AR-1232-4

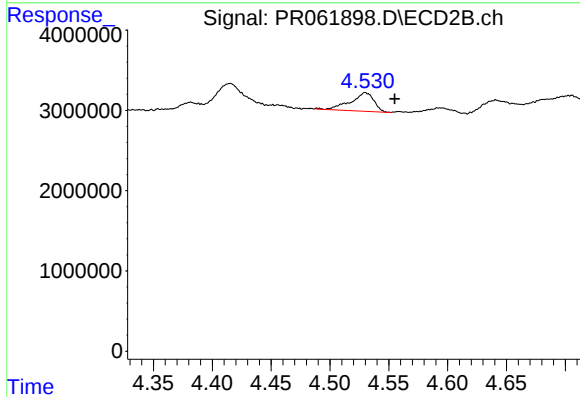
R.T.: 4.382 min
Delta R.T.: 0.004 min
Response: 806948
Conc: 25.70 ng/ml



#15 AR-1232-5

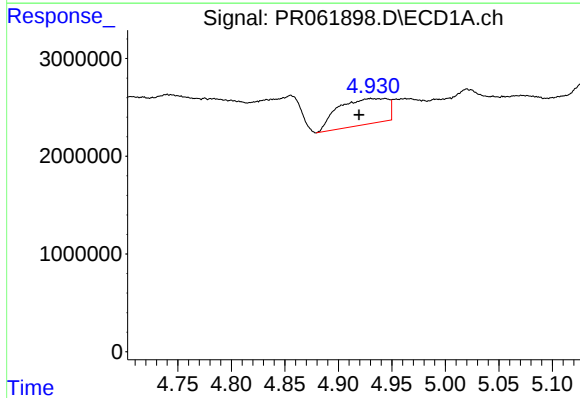
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 1750989
Conc: 95.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



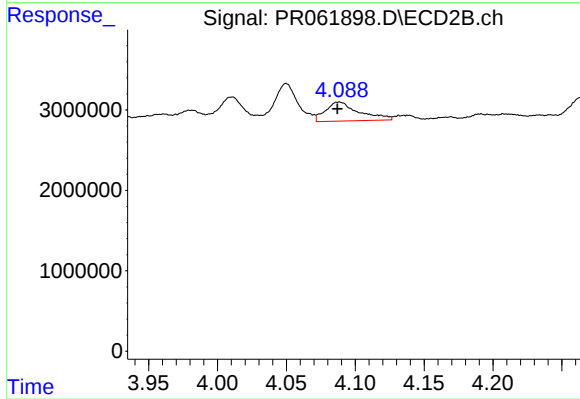
#15 AR-1232-5

R.T.: 4.530 min
Delta R.T.: -0.025 min
Response: 3165269
Conc: 87.87 ng/ml



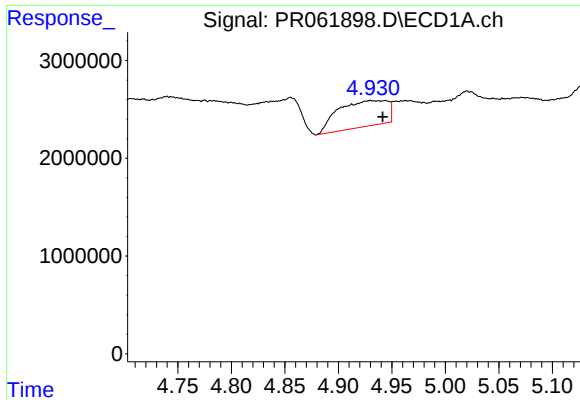
#16 AR-1242-1

R.T.: 4.930 min
Delta R.T.: 0.011 min
Response: 8583505
Conc: 154.69 ng/ml



#16 AR-1242-1

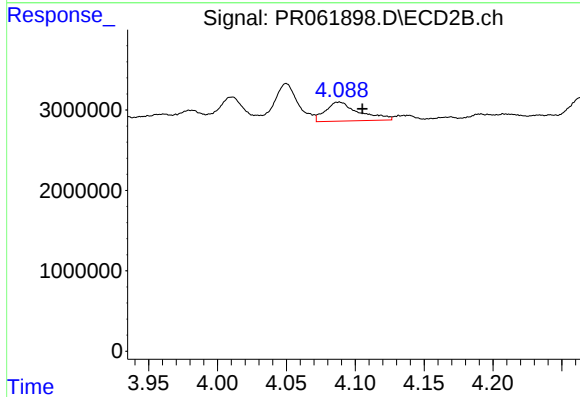
R.T.: 4.088 min
Delta R.T.: 0.001 min
Response: 4009867
Conc: 52.67 ng/ml



#17 AR-1242-2

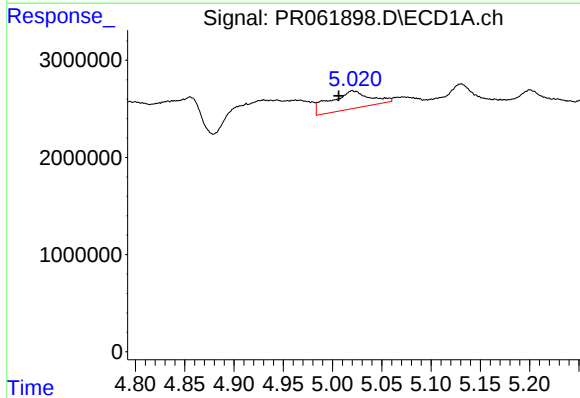
R.T.: 4.930 min
Delta R.T.: -0.011 min
Response: 8583505
Conc: 109.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



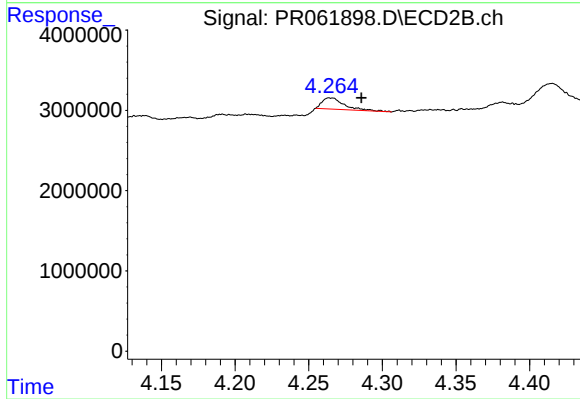
#17 AR-1242-2

R.T.: 4.088 min
Delta R.T.: -0.017 min
Response: 4009867
Conc: 38.51 ng/ml



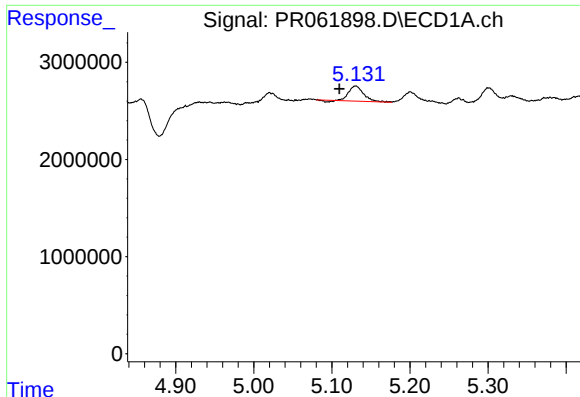
#18 AR-1242-3

R.T.: 5.020 min
Delta R.T.: 0.014 min
Response: 5135388
Conc: 102.54 ng/ml



#18 AR-1242-3

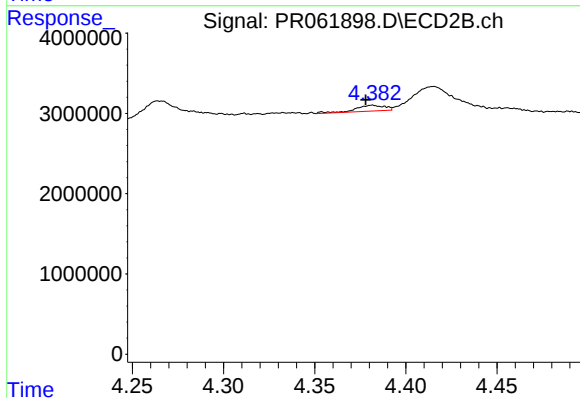
R.T.: 4.265 min
Delta R.T.: -0.021 min
Response: 1462292
Conc: 24.81 ng/ml



#19 AR-1242-4

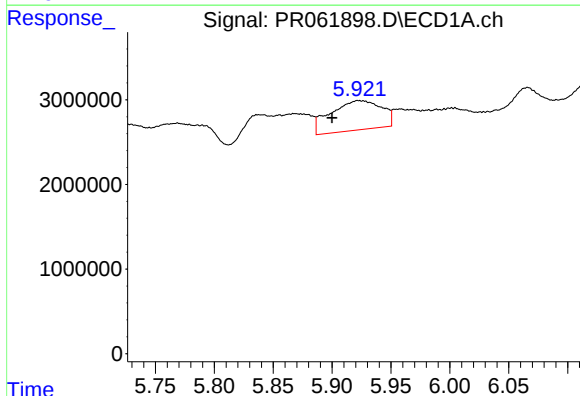
R.T.: 5.130 min
Delta R.T.: 0.021 min
Response: 2031490
Conc: 50.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



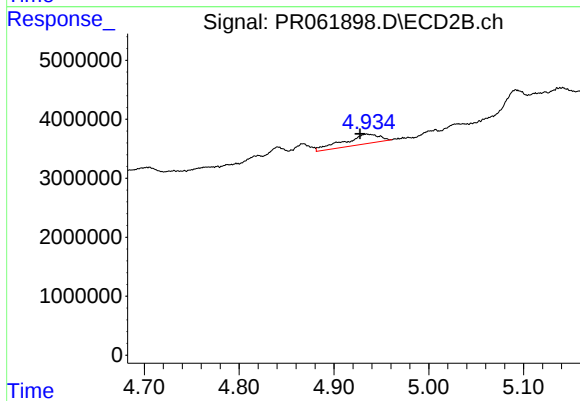
#19 AR-1242-4

R.T.: 4.382 min
Delta R.T.: 0.004 min
Response: 806948
Conc: 13.59 ng/ml



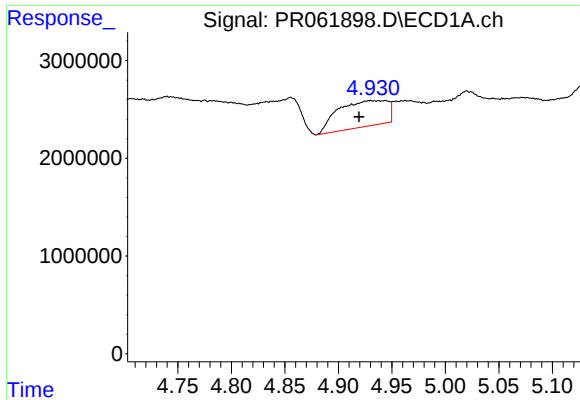
#20 AR-1242-5

R.T.: 5.922 min
Delta R.T.: 0.022 min
Response: 10462466
Conc: 265.45 ng/ml



#20 AR-1242-5

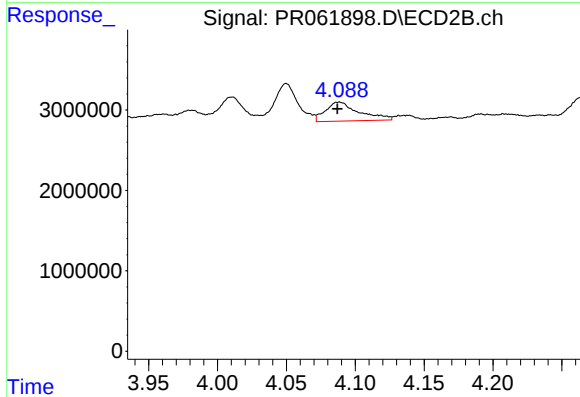
R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 4332821
Conc: 55.11 ng/ml



#21 AR-1248-1

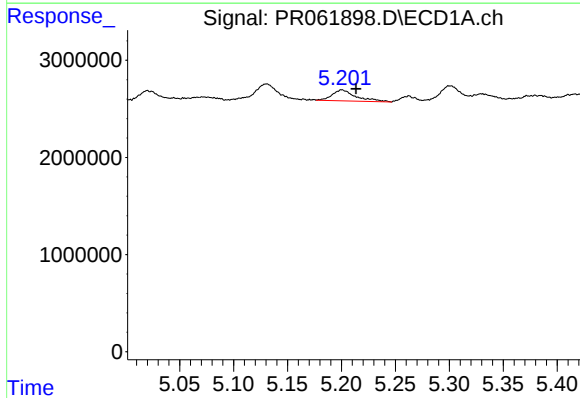
R.T.: 4.930 min
Delta R.T.: 0.011 min
Response: 8583505
Conc: 200.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



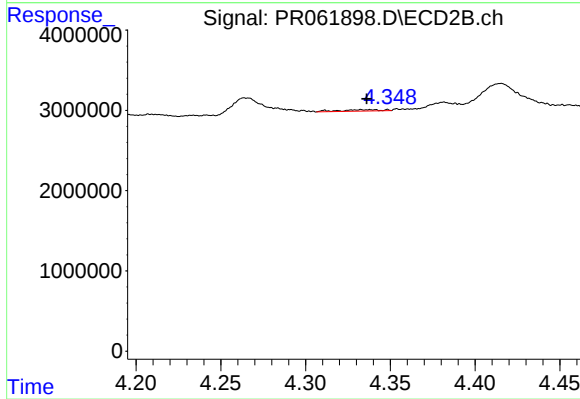
#21 AR-1248-1

R.T.: 4.088 min
Delta R.T.: 0.001 min
Response: 4009867
Conc: 65.52 ng/ml



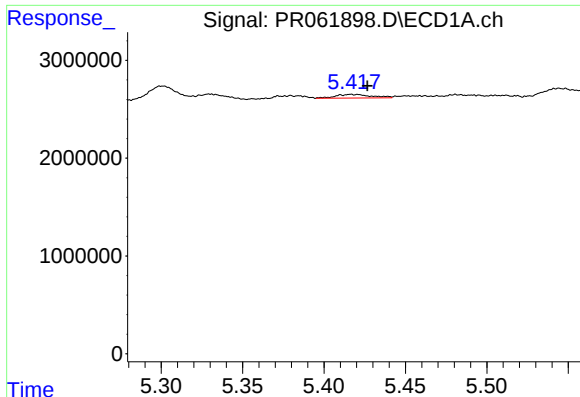
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.013 min
Response: 1750989
Conc: 28.23 ng/ml



#22 AR-1248-2

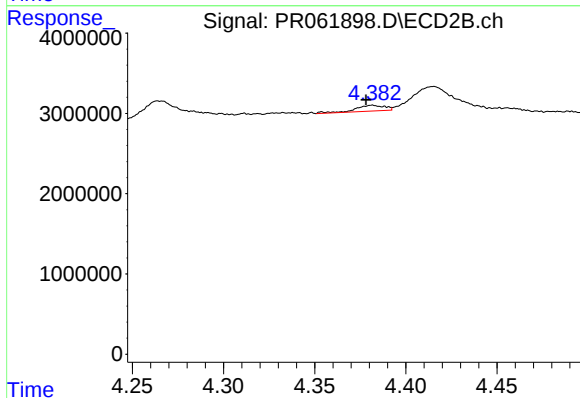
R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 279761
Conc: 3.25 ng/ml



#23 AR-1248-3

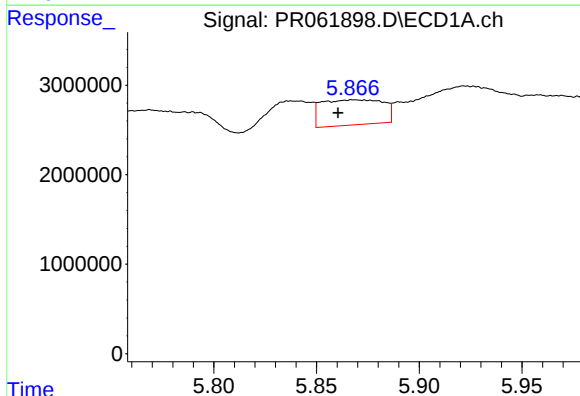
R.T.: 5.416 min
Delta R.T.: -0.010 min
Response: 576415
Conc: 8.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



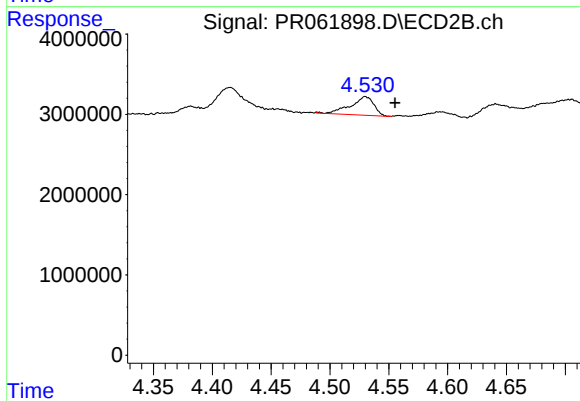
#23 AR-1248-3

R.T.: 4.382 min
Delta R.T.: 0.003 min
Response: 806948
Conc: 9.07 ng/ml



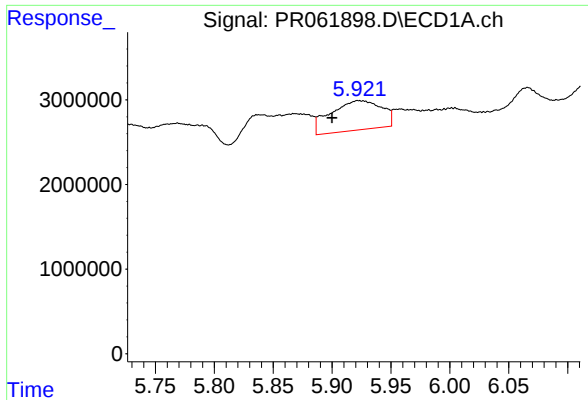
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: 0.008 min
Response: 5862313
Conc: 80.22 ng/ml



#24 AR-1248-4

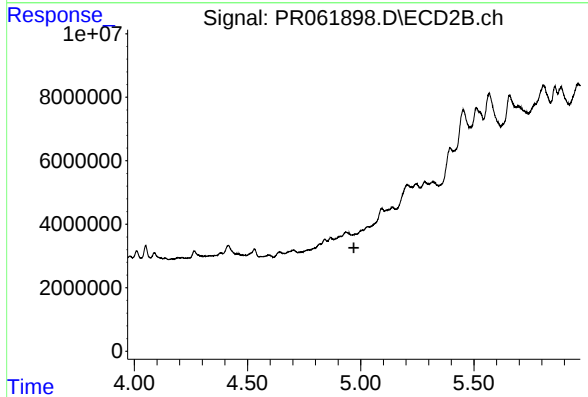
R.T.: 4.530 min
Delta R.T.: -0.025 min
Response: 3165269
Conc: 29.34 ng/ml



#25 AR-1248-5

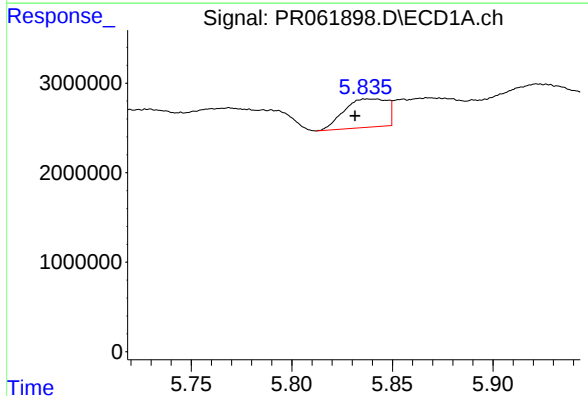
R.T.: 5.922 min
Delta R.T.: 0.022 min
Response: 10462466
Conc: 146.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



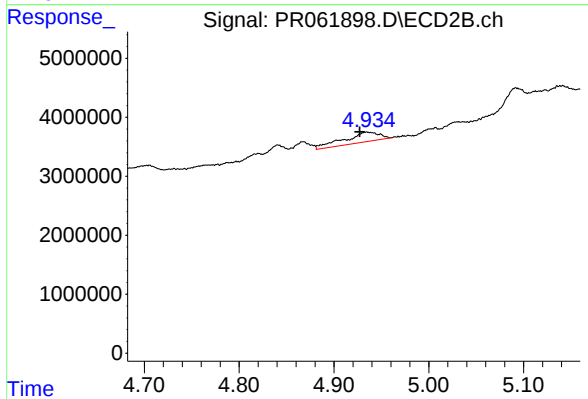
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



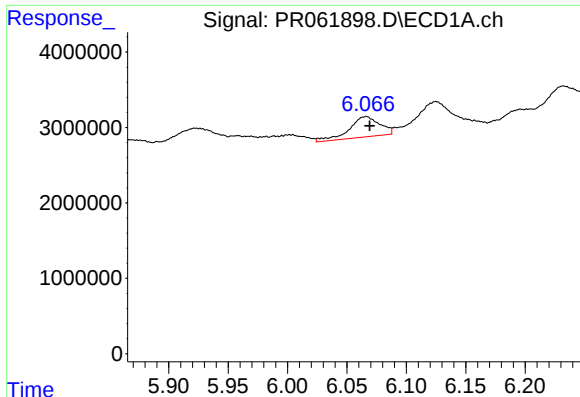
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: 0.006 min
Response: 4704702
Conc: 58.97 ng/ml



#26 AR-1254-1

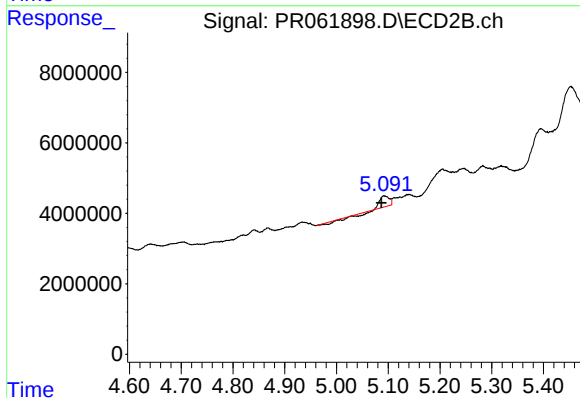
R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 4332821
Conc: 27.16 ng/ml



#27 AR-1254-2

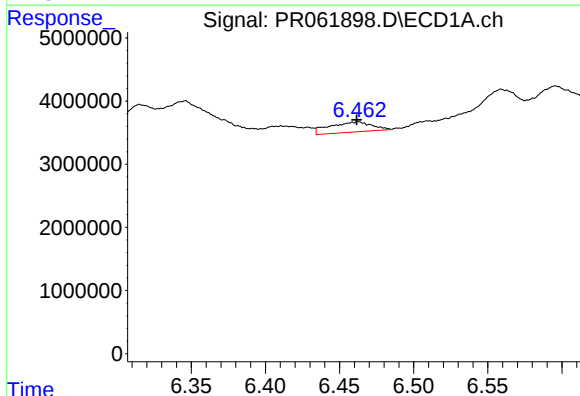
R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 4825199
Conc: 41.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



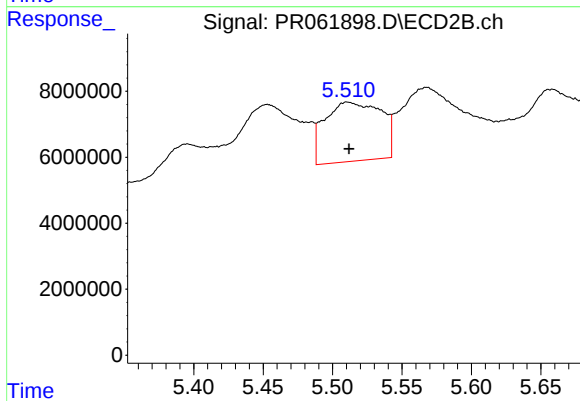
#27 AR-1254-2

R.T.: 5.092 min
Delta R.T.: 0.005 min
Response: 1833616
Conc: 12.63 ng/ml



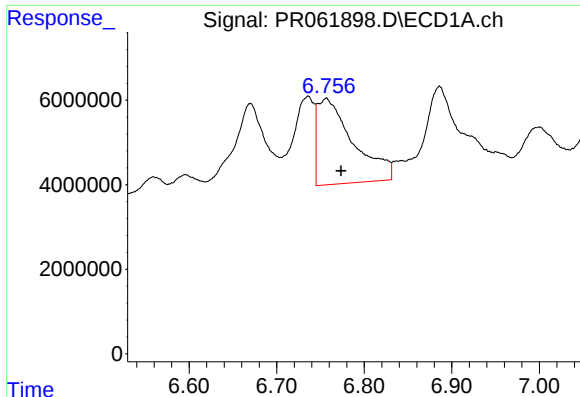
#28 AR-1254-3

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 3183868
Conc: 27.77 ng/ml



#28 AR-1254-3

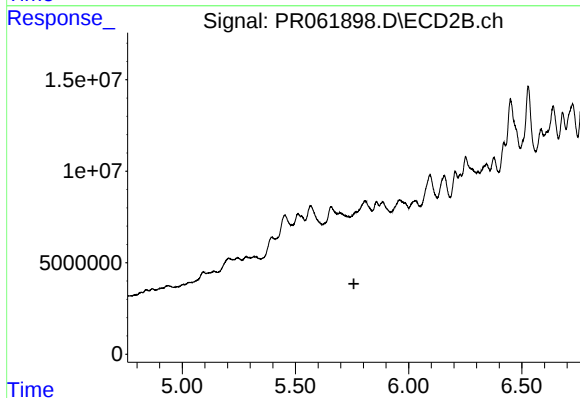
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 50646455
Conc: 214.09 ng/ml



#29 AR-1254-4

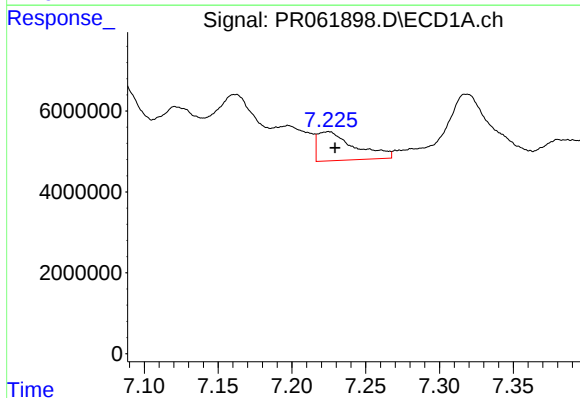
R.T.: 6.757 min
Delta R.T.: -0.017 min
Response: 58015850
Conc: 725.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



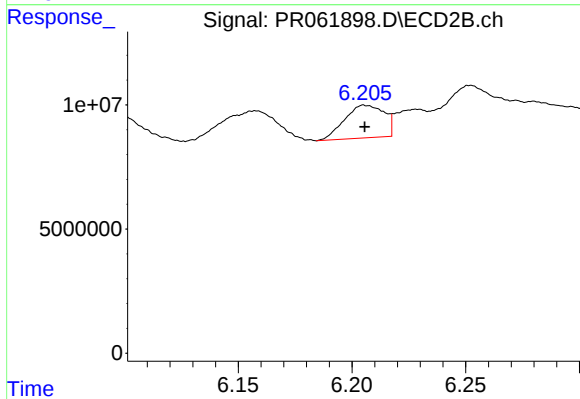
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



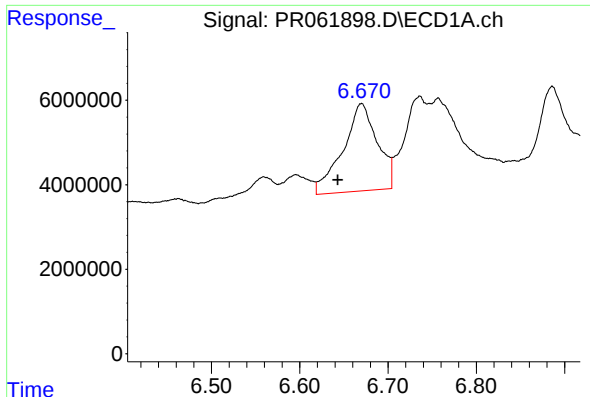
#30 AR-1254-5

R.T.: 7.225 min
Delta R.T.: -0.004 min
Response: 12524461
Conc: 139.63 ng/ml



#30 AR-1254-5

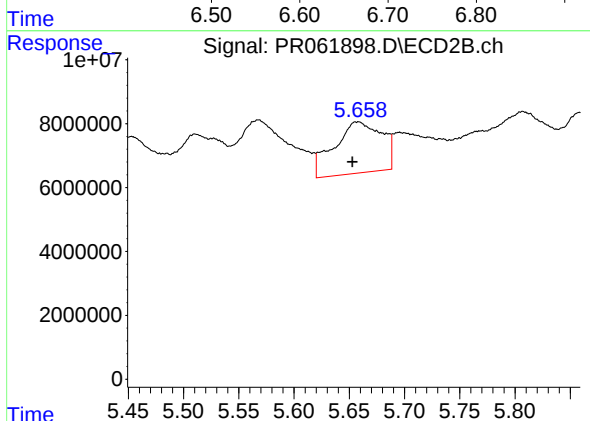
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 15907020
Conc: 64.88 ng/ml



#31 AR-1260-1

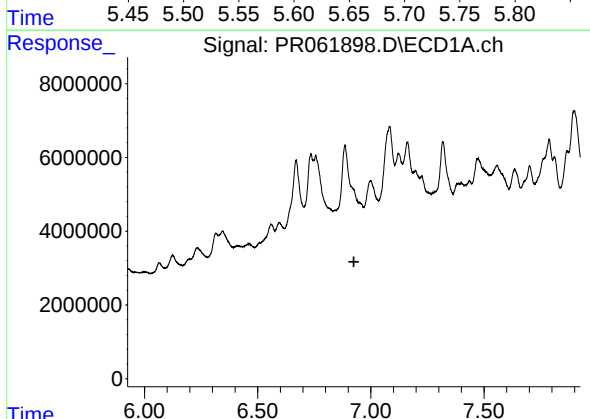
R.T.: 6.670 min
Delta R.T.: 0.027 min
Response: 55879314
Conc: 561.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



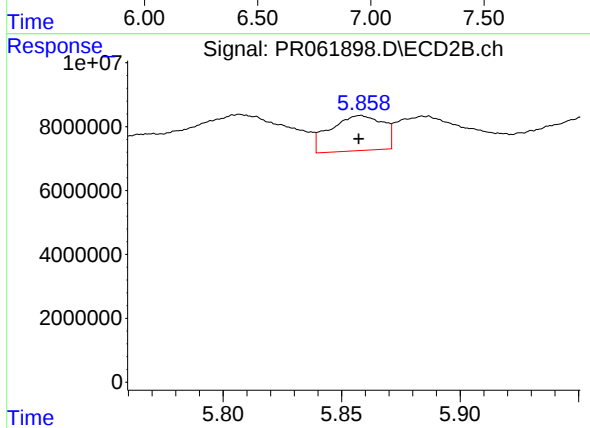
#31 AR-1260-1

R.T.: 5.658 min
Delta R.T.: 0.005 min
Response: 48213231
Conc: 277.73 ng/ml



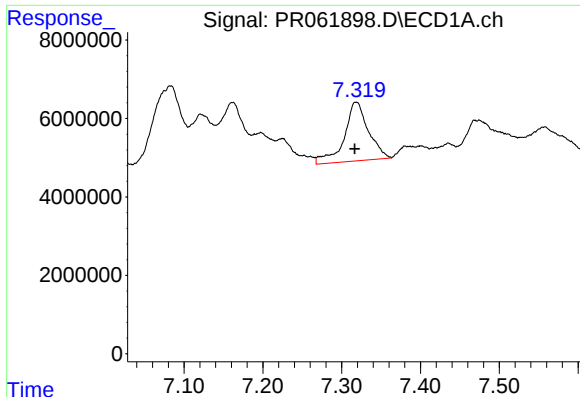
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.925 min
Response: 0
Conc: N.D.



#32 AR-1260-2

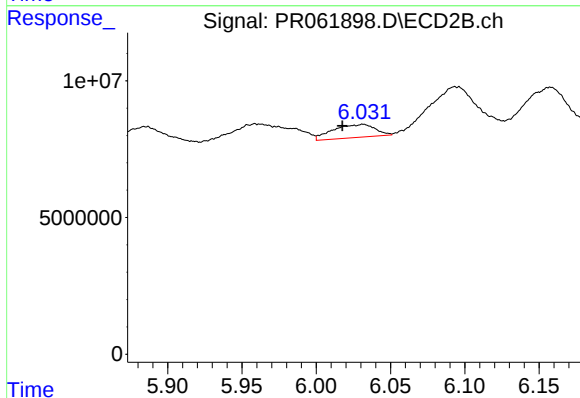
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 16995072
Conc: 77.25 ng/ml



#33 AR-1260-3

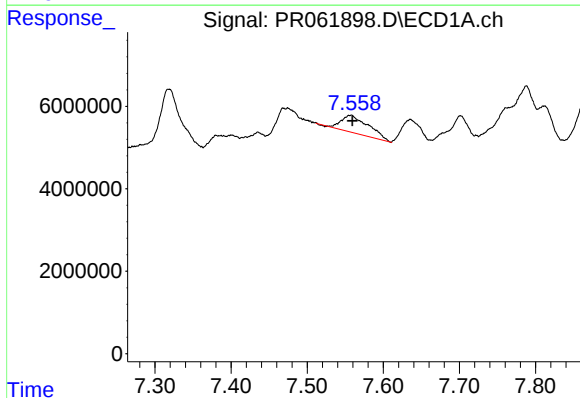
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 31907369
Conc: 460.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



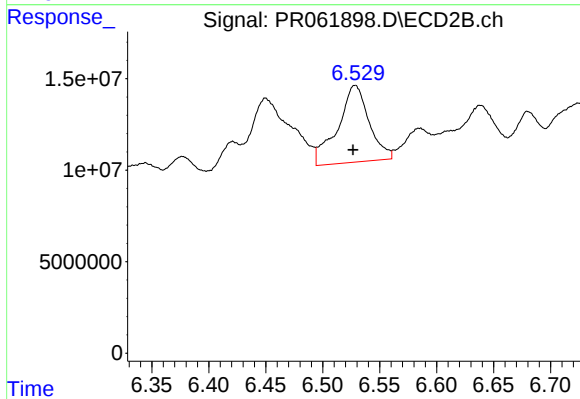
#33 AR-1260-3

R.T.: 6.032 min
Delta R.T.: 0.014 min
Response: 9460202
Conc: 45.22 ng/ml



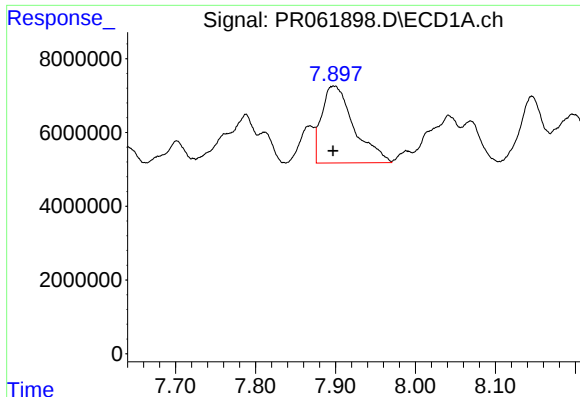
#34 AR-1260-4

R.T.: 7.558 min
Delta R.T.: -0.001 min
Response: 10639306
Conc: 129.91 ng/ml



#34 AR-1260-4

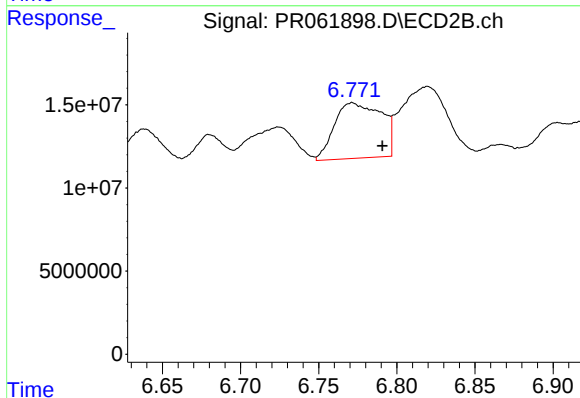
R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 80663032
Conc: 510.60 ng/ml



#35 AR-1260-5

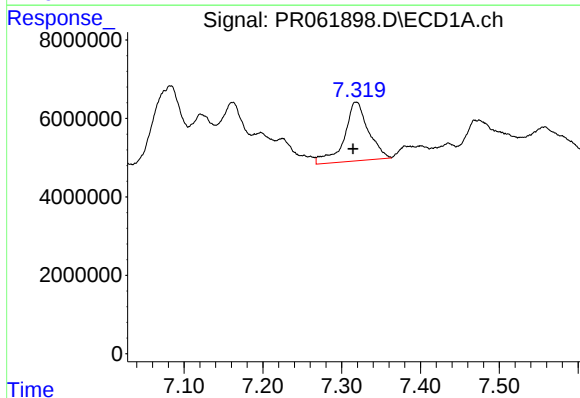
R.T.: 7.898 min
Delta R.T.: 0.001 min
Response: 58371614
Conc: 414.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



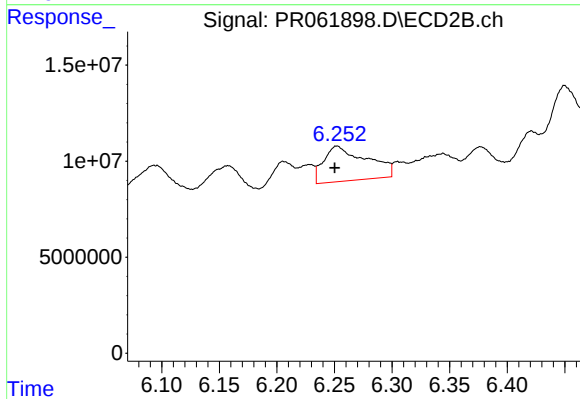
#35 AR-1260-5

R.T.: 6.771 min
Delta R.T.: -0.019 min
Response: 69648562
Conc: 187.53 ng/ml



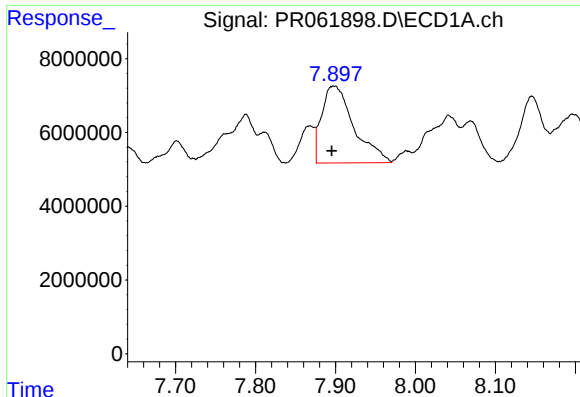
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: 0.004 min
Response: 31907369
Conc: 297.26 ng/ml



#36 AR-1262-1

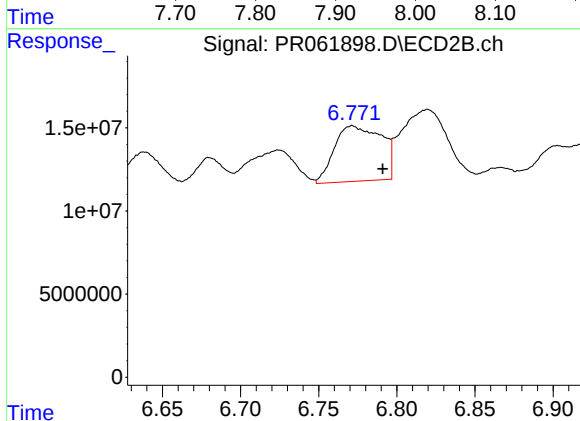
R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 47251095
Conc: 199.25 ng/ml



#37 AR-1262-2

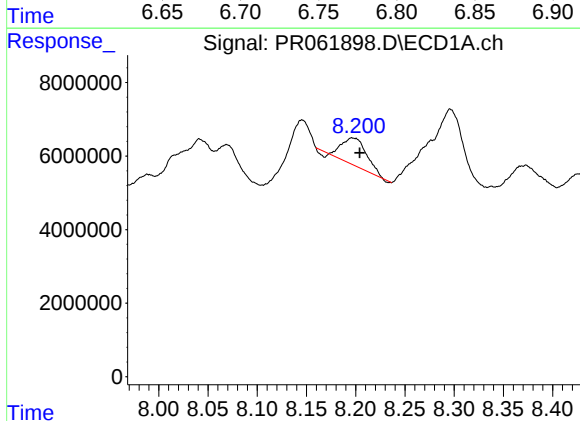
R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 58371614
Conc: 351.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



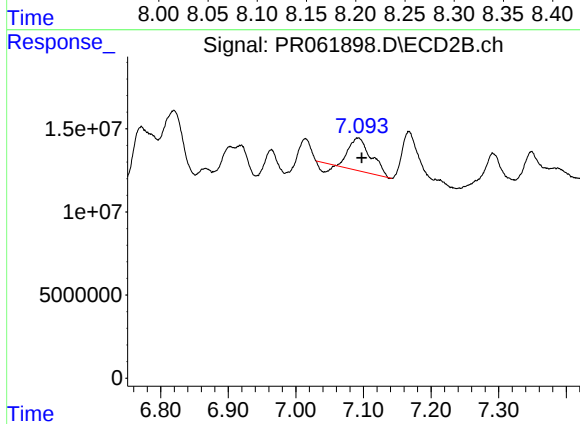
#37 AR-1262-2

R.T.: 6.771 min
Delta R.T.: -0.020 min
Response: 69648562
Conc: 158.88 ng/ml



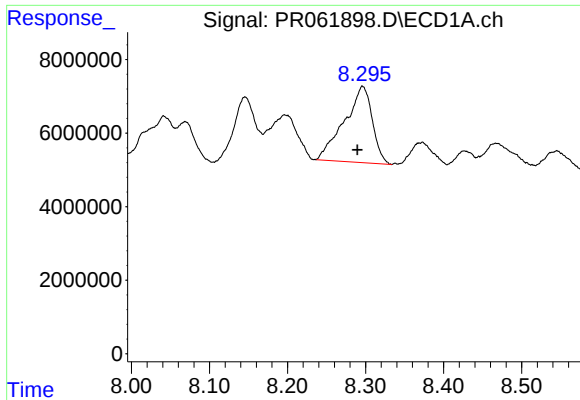
#38 AR-1262-3

R.T.: 8.196 min
Delta R.T.: -0.008 min
Response: 12419021
Conc: 108.69 ng/ml



#38 AR-1262-3

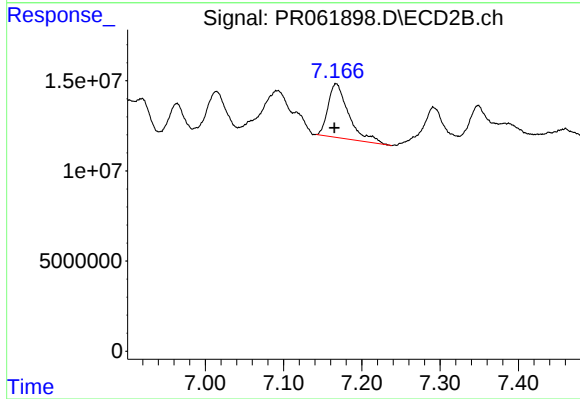
R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 40193378
Conc: 213.25 ng/ml



#39 AR-1262-4

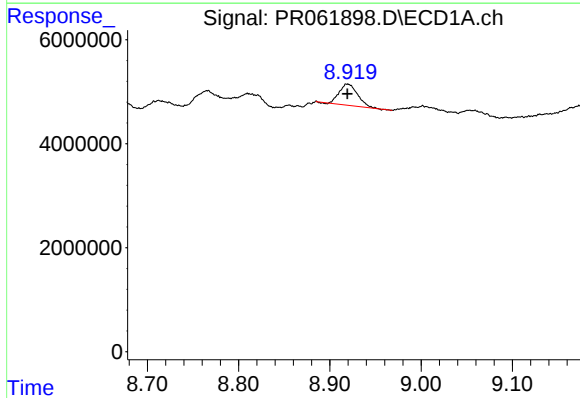
R.T.: 8.296 min
Delta R.T.: 0.007 min
Response: 51660565
Conc: 578.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



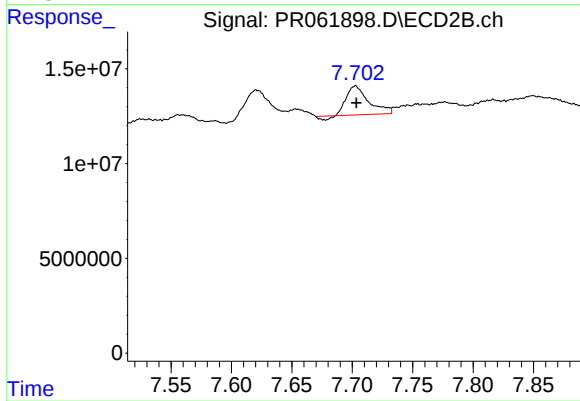
#39 AR-1262-4

R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 54551488
Conc: 162.18 ng/ml



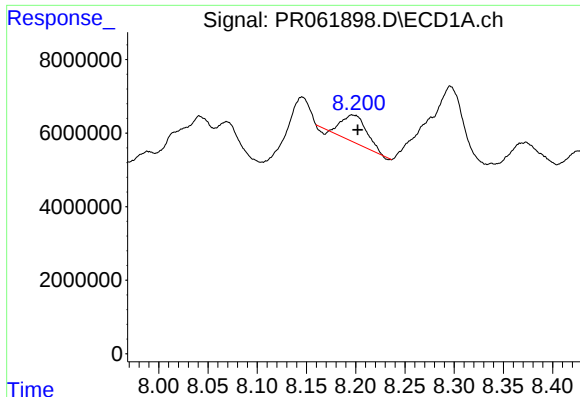
#40 AR-1262-5

R.T.: 8.919 min
Delta R.T.: 0.000 min
Response: 5768941
Conc: 97.87 ng/ml



#40 AR-1262-5

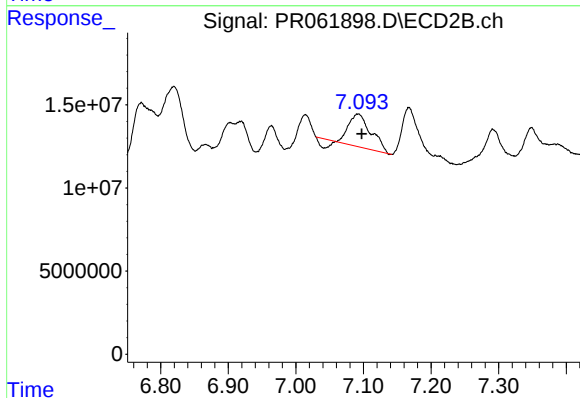
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 18809266
Conc: 117.38 ng/ml



#41 AR-1268-1

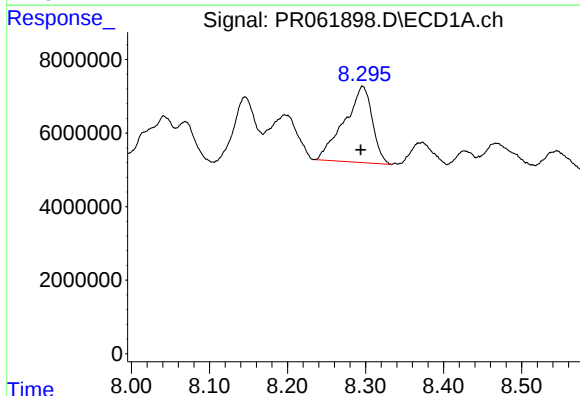
R.T.: 8.196 min
Delta R.T.: -0.006 min
Response: 12419021
Conc: 62.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



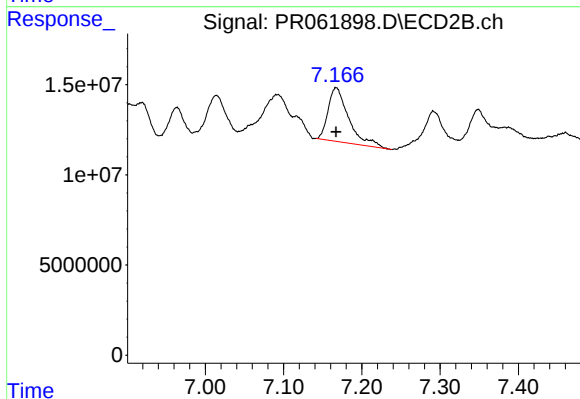
#41 AR-1268-1

R.T.: 7.092 min
Delta R.T.: -0.006 min
Response: 40193378
Conc: 78.12 ng/ml



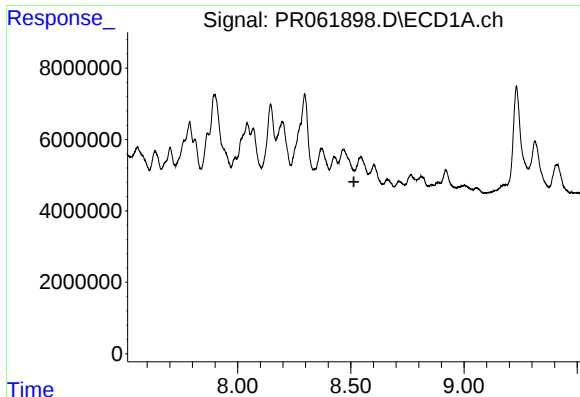
#42 AR-1268-2

R.T.: 8.296 min
Delta R.T.: 0.003 min
Response: 51660565
Conc: 283.54 ng/ml



#42 AR-1268-2

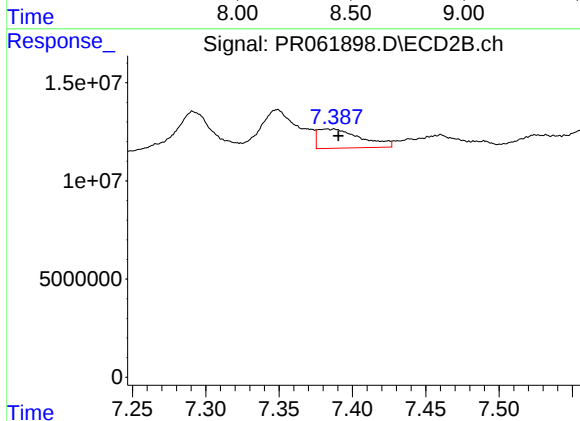
R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 54551488
Conc: 114.63 ng/ml



#43 AR-1268-3

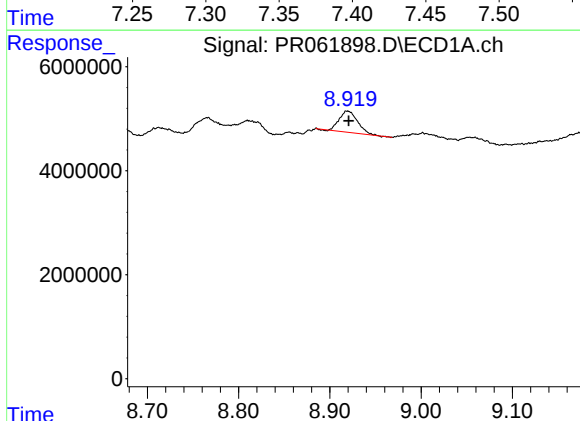
R.T.: 0.000 min
Exp R.T.: 8.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
061223-03



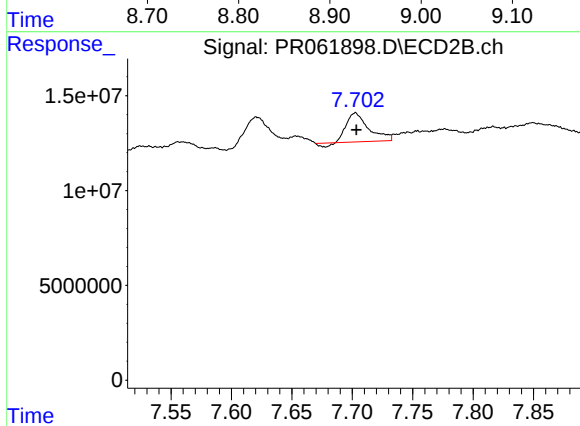
#43 AR-1268-3

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 19883691
Conc: 48.55 ng/ml



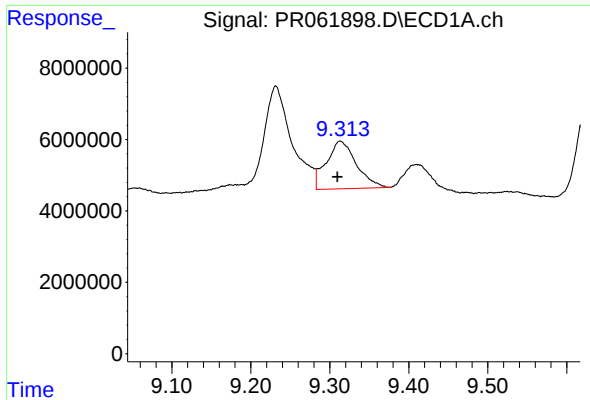
#44 AR-1268-4

R.T.: 8.919 min
Delta R.T.: -0.001 min
Response: 5768941
Conc: 89.65 ng/ml



#44 AR-1268-4

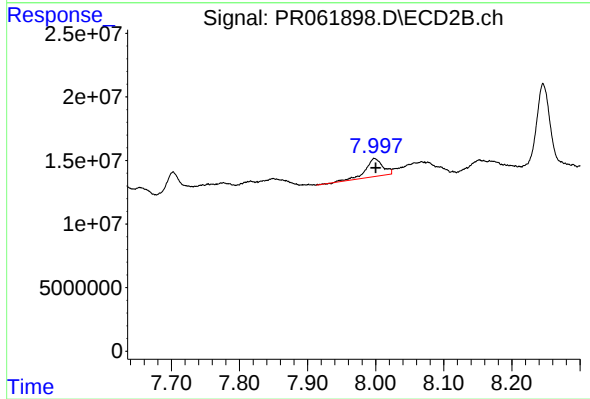
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 18809266
Conc: 107.02 ng/ml



#45 AR-1268-5

R.T.: 9.313 min
Delta R.T.: 0.003 min
Response: 35236739
Conc: 76.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
061223-03



#45 AR-1268-5

R.T.: 7.998 min
Delta R.T.: -0.002 min
Response: 25115730
Conc: 19.50 ng/ml