

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032220.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 22:48
 Operator : SM\SJ
 Sample : J5019-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:30:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 2018
 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...	4.514	3.645	423.5E6	745.5E6	21.303	17.815
2)	SA Decachlor...	10.251	8.498	470.8E6	357.3E6	16.071	15.888
Target Compounds							
3)	L1 AR-1016-1	5.223	4.293	20859964	25311366	40.120	21.876 #
4)	L1 AR-1016-2	5.412	4.699	-302052	36883642	N.D.	21.449 #
5)	L1 AR-1016-3	5.669	4.699	65902	36883642	0.081	11.667 #
6)	L1 AR-1016-4	5.763	4.740	5152082	42714189	7.196	23.863 #
7)	L1 AR-1016-5	6.169	5.136	23310724	24130427	38.183	14.312 #
8)	L2 AR-1221-1	4.714	3.838	32082626	25980309	119.653	48.896 #
9)	L2 AR-1221-2	4.786	3.945	27632745	-2940322	135.130	N.D. #
10)	L2 AR-1221-3	4.892	4.003	59860931	-16515	95.968	N.D. #
11)	L3 AR-1232-1	5.702	4.459	3980771	42858412	8.242	74.649 #
12)	L3 AR-1232-2	5.858	4.608	7398389	82563744	29.815	428.896 #
13)	L3 AR-1232-3	6.024	4.939	6243898	146.5E6	55.289	265.932 #
14)	L3 AR-1232-4	6.334	5.292	42304674	124.5E6	560.803	176.963 #
15)	L3 AR-1232-5	7.234	5.808	25146238	1646035	385.750	19.885 #
16)	L4 AR-1242-1	5.223	4.293	20859964	25311366	93.269	47.018 #
17)	L4 AR-1242-2	5.972	4.886	48601638	35025280	116.206	31.216 #
18)	L4 AR-1242-3	6.196	4.996	12805197	58377553	58.376	146.938 #
19)	L4 AR-1242-4	6.257	5.341	716931	10609507	4.243	28.496 #
20)	L4 AR-1242-5	6.291	5.737	4900401	22565047	8.844	26.942 #
21)	L5 AR-1248-1	5.939	4.939	8176773	146.5E6	6.529	51.345 #
22)	L5 AR-1248-2	6.507	5.469	989826	62790933	0.760	10.993 #
23)	L5 AR-1248-3	6.552	5.496	14153790	56744916	7.981	13.079 #
24)	L5 AR-1248-4	6.595	5.660	7425707	60349317	4.386	15.249 #
25)	L5 AR-1248-5	6.796	6.008	6407491	1320194	5.730	0.522 #
26)	L6 AR-1254-1	6.752	5.613	10208935	52166373	6.755	16.679 #
28)	L6 AR-1254-3	7.113	6.214	2555119	13597672	1.434	4.220 #
29)	L6 AR-1254-4	7.406	6.546	11877765	19890189	8.460	10.564
30)	L6 AR-1254-5	7.633	6.633	6086192	19718083	6.360	8.955 #
31)	L7 AR-1260-1	7.281	6.145	4075290	52745364	3.119	15.924 #
32)	L7 AR-1260-2	7.532	6.319	12673754	38033368	7.655	9.305
33)	L7 AR-1260-3	7.815	0.000	8885293	0	4.632	N.D. #
34)	L7 AR-1260-4	8.075	6.926	12249434	16091440	8.874	8.025
35)	L7 AR-1260-5	8.435	7.166	23612911	5814737	7.719	1.424 #
36)	L8 AR-1262-1	7.175	6.008	6945528	1320194	9.141	0.763 #
37)	L8 AR-1262-2	7.939	6.706	7701224	62743950	10.886	44.129 #
38)	L8 AR-1262-3	8.156	7.026	4229038	8132194	6.958	7.996
39)	L8 AR-1262-4	8.842	7.443	25012733	1900018	13.797	1.123 #
40)	L8 AR-1262-5	9.464	8.003	15137038	23492292	11.178	22.280 #
41)	L9 AR-1268-1	7.896	6.664	8232088	23751824	11.625	16.956 #
42)	L9 AR-1268-2	8.156	7.479	4229038	31302765	4.574	5.223

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 03:30:16 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 19 03:49:43 2018
Response via : Initial Calibration
Integrator: ChemStation

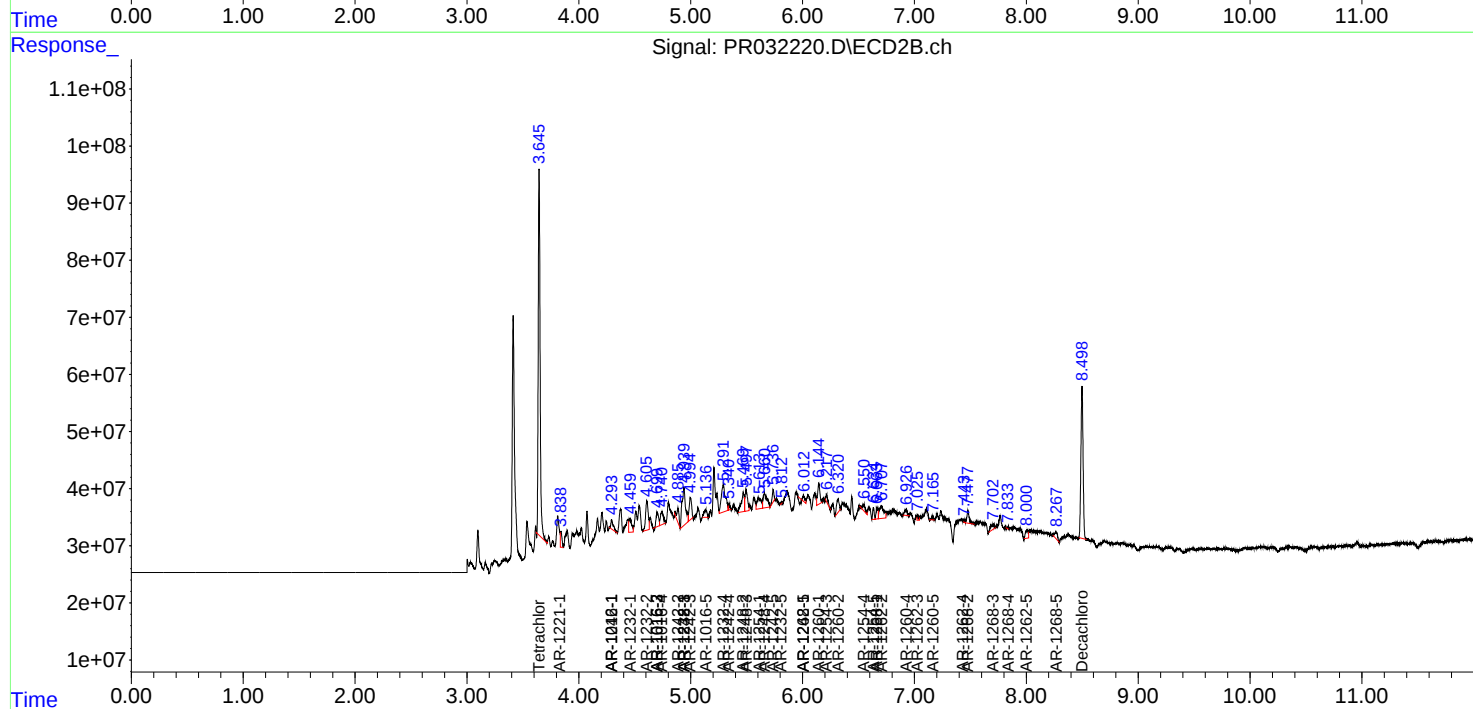
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

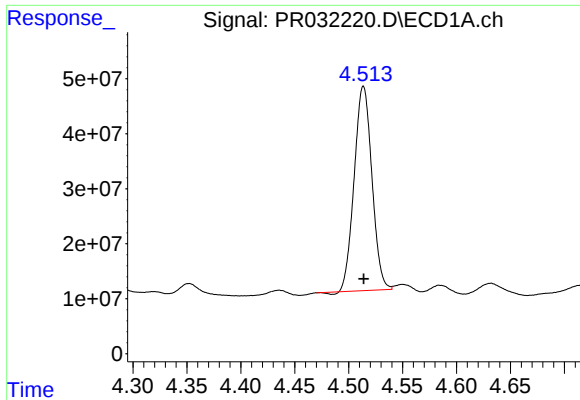
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.754	7.702	5549732	21044630	1.302	7.481 #
44)	L9 AR-1268-4	9.072	7.831	11427141	614570	3.330	0.768 #
45)	L9 AR-1268-5	9.915	8.266	8211126	20800458	0.806	2.879 #

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

Instrument :
ECD_R
ClientSampleId :

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

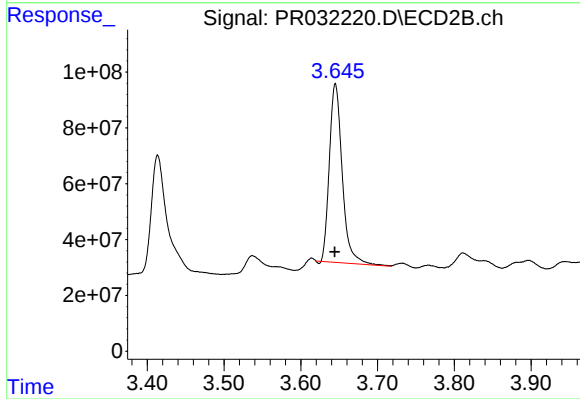




#1 Tetrachloro-m-xylene

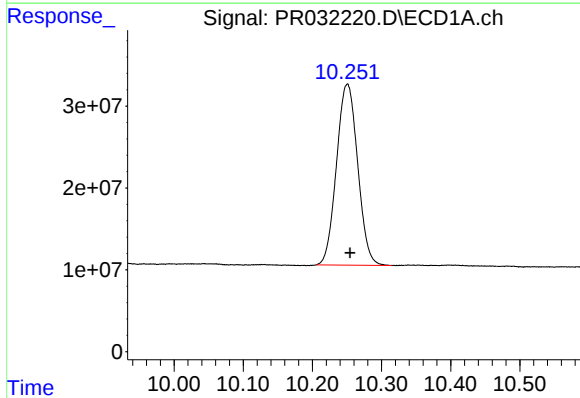
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 423527629
Conc: 21.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



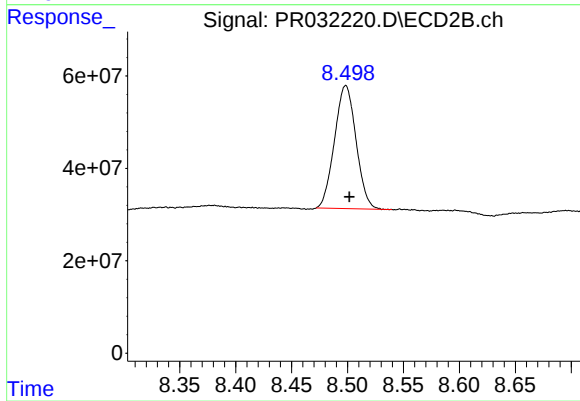
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 745483644
Conc: 17.82 ng/ml



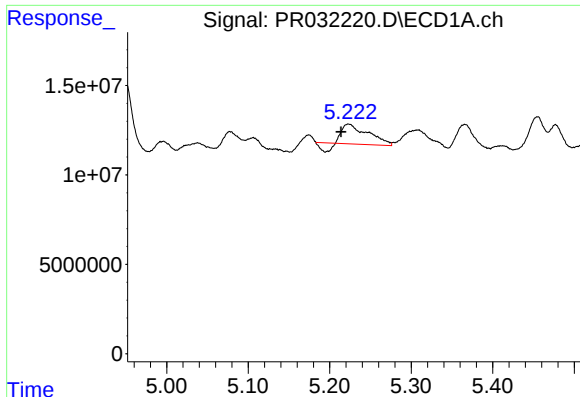
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.004 min
Response: 470757863
Conc: 16.07 ng/ml



#2 Decachlorobiphenyl

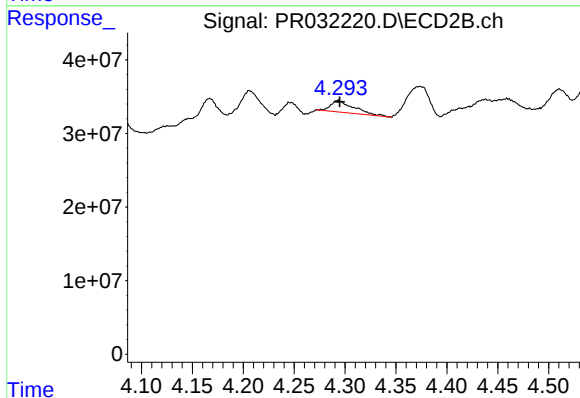
R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 357269247
Conc: 15.89 ng/ml



#3 AR-1016-1

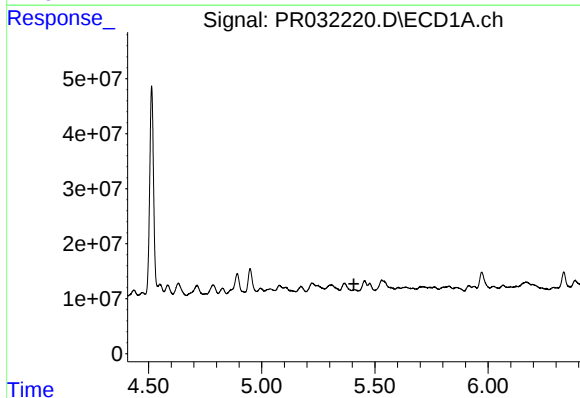
R.T.: 5.223 min
Delta R.T.: 0.009 min
Response: 20859964
Conc: 40.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



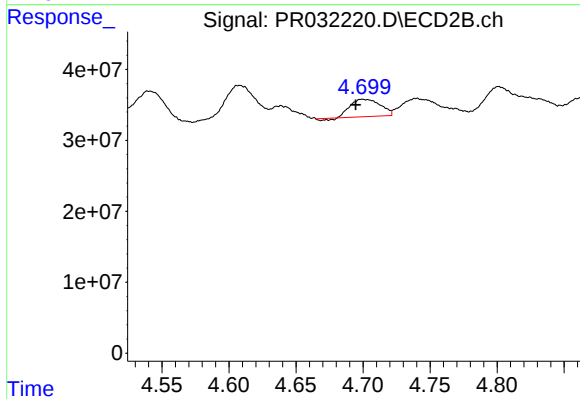
#3 AR-1016-1

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 25311366
Conc: 21.88 ng/ml



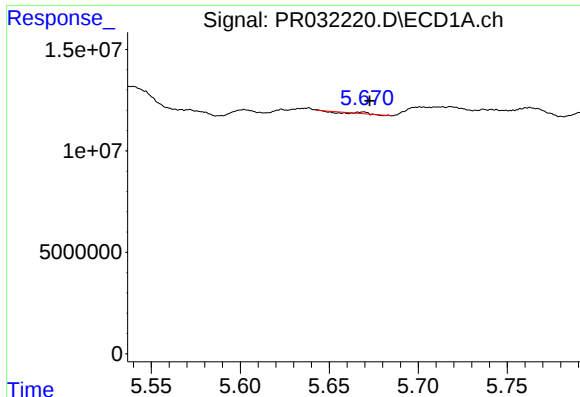
#4 AR-1016-2

R.T.: 5.412 min
Delta R.T.: 0.004 min
Response: -302052
Conc: N.D.



#4 AR-1016-2

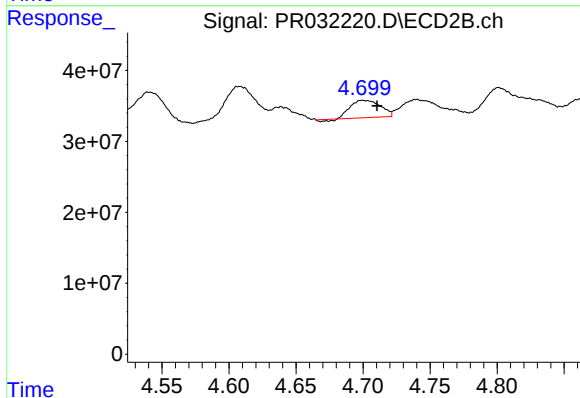
R.T.: 4.699 min
Delta R.T.: 0.005 min
Response: 36883642
Conc: 21.45 ng/ml



#5 AR-1016-3

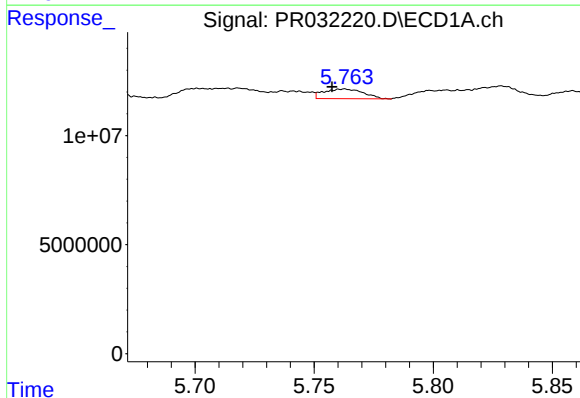
R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 65902
Conc: 0.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



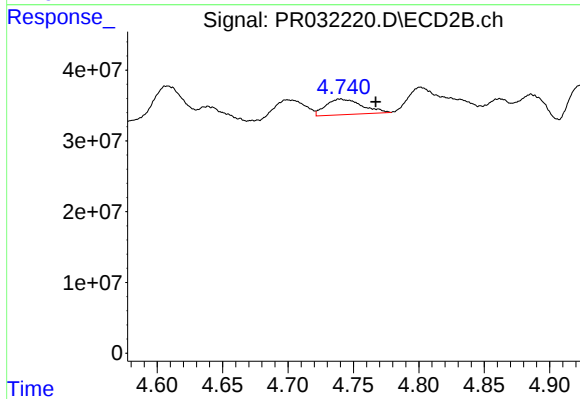
#5 AR-1016-3

R.T.: 4.699 min
Delta R.T.: -0.011 min
Response: 36883642
Conc: 11.67 ng/ml



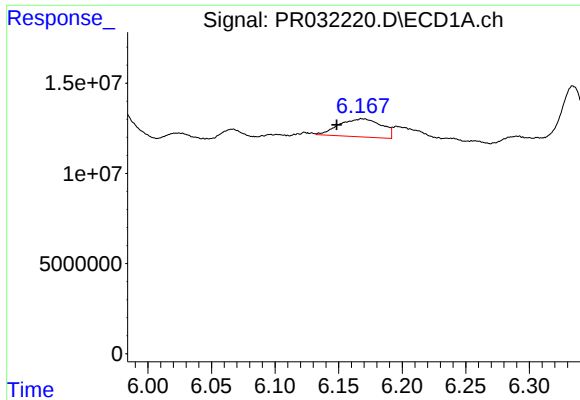
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: 0.005 min
Response: 5152082
Conc: 7.20 ng/ml



#6 AR-1016-4

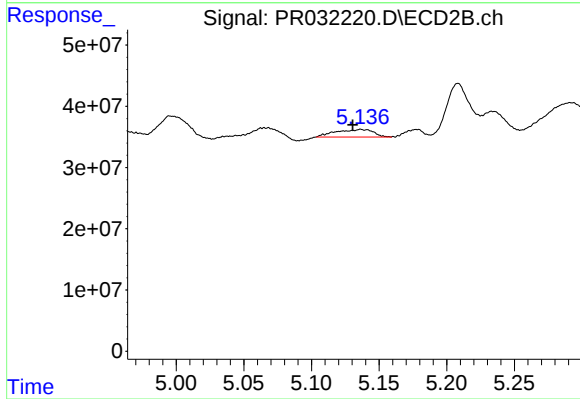
R.T.: 4.740 min
Delta R.T.: -0.027 min
Response: 42714189
Conc: 23.86 ng/ml



#7 AR-1016-5

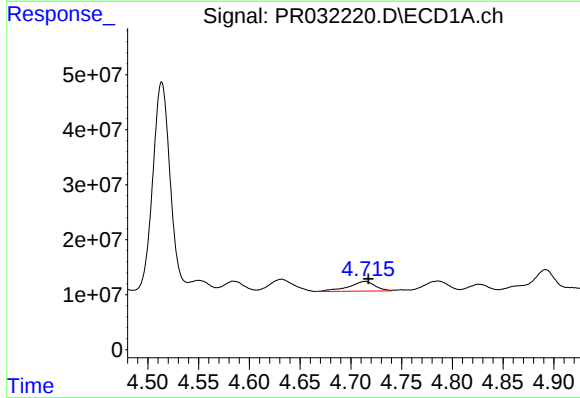
R.T.: 6.169 min
Delta R.T.: 0.020 min
Response: 23310724
Conc: 38.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



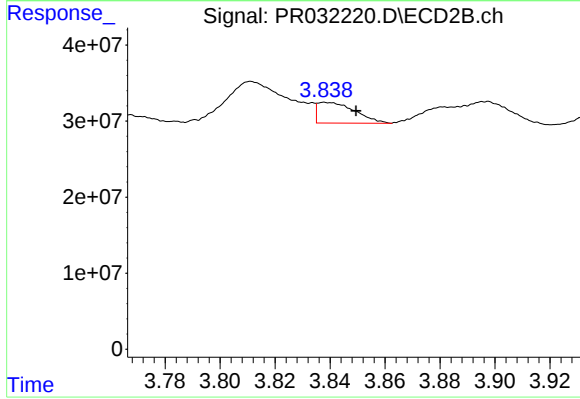
#7 AR-1016-5

R.T.: 5.136 min
Delta R.T.: 0.006 min
Response: 24130427
Conc: 14.31 ng/ml



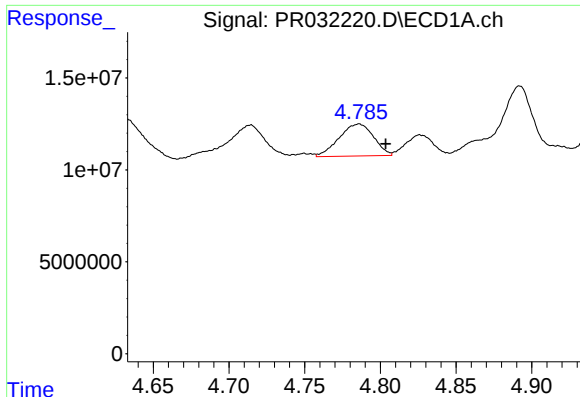
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 32082626
Conc: 119.65 ng/ml



#8 AR-1221-1

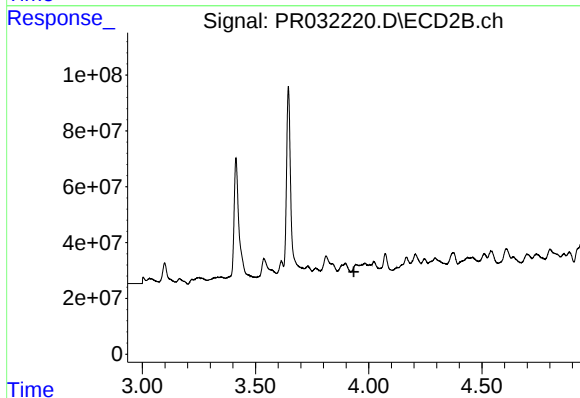
R.T.: 3.838 min
Delta R.T.: -0.011 min
Response: 25980309
Conc: 48.90 ng/ml



#9 AR-1221-2

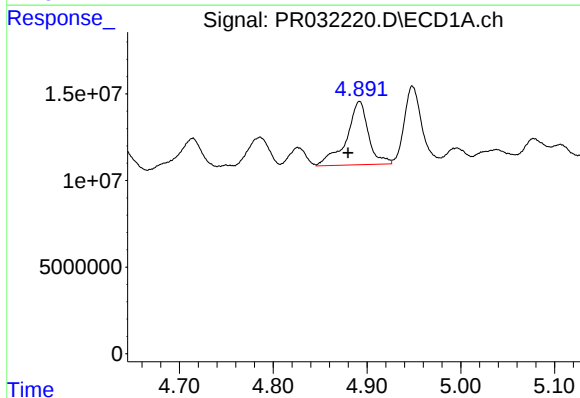
R.T.: 4.786 min
Delta R.T.: -0.018 min
Response: 27632745
Conc: 135.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



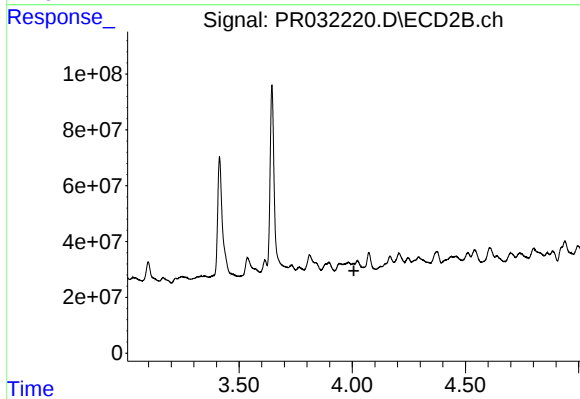
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: 0.010 min
Response: -2940322
Conc: N.D.



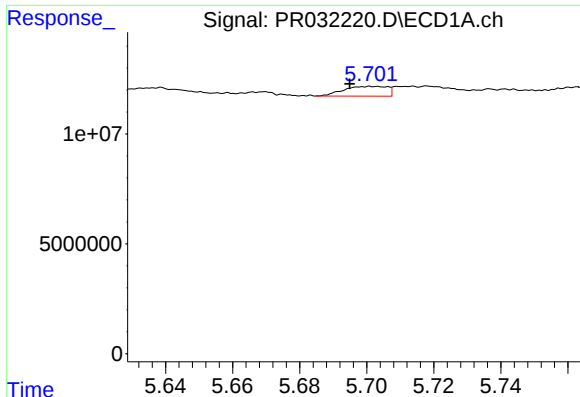
#10 AR-1221-3

R.T.: 4.892 min
Delta R.T.: 0.012 min
Response: 59860931
Conc: 95.97 ng/ml



#10 AR-1221-3

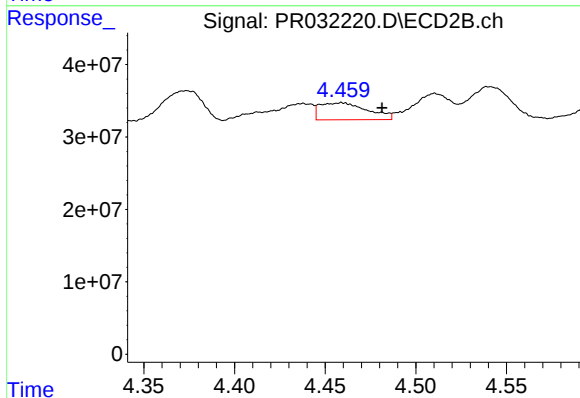
R.T.: 4.003 min
Delta R.T.: -0.004 min
Response: -16515
Conc: N.D.



#11 AR-1232-1

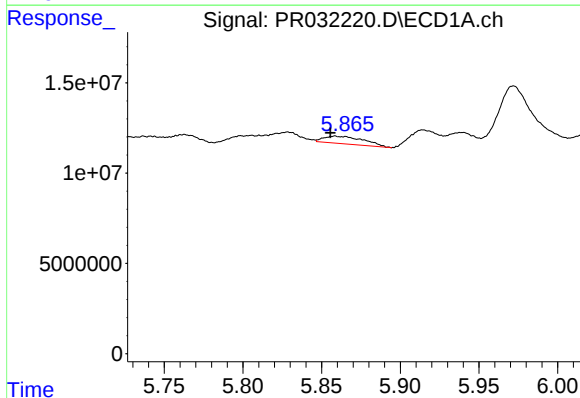
R.T.: 5.702 min
Delta R.T.: 0.007 min
Response: 3980771
Conc: 8.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



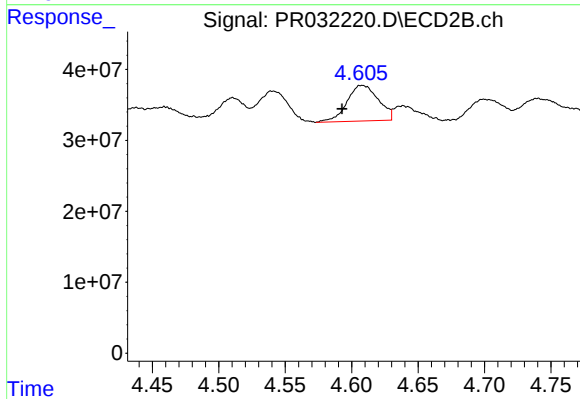
#11 AR-1232-1

R.T.: 4.459 min
Delta R.T.: -0.022 min
Response: 42858412
Conc: 74.65 ng/ml



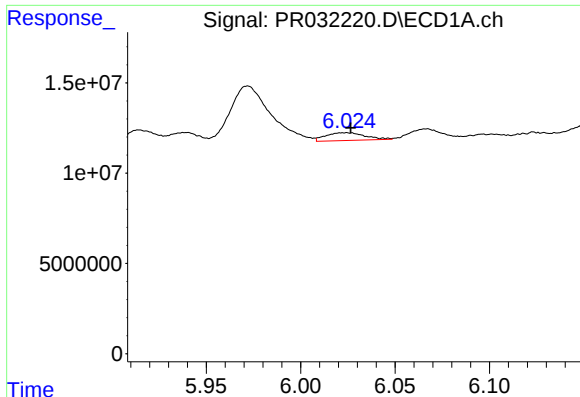
#12 AR-1232-2

R.T.: 5.858 min
Delta R.T.: 0.003 min
Response: 7398389
Conc: 29.81 ng/ml



#12 AR-1232-2

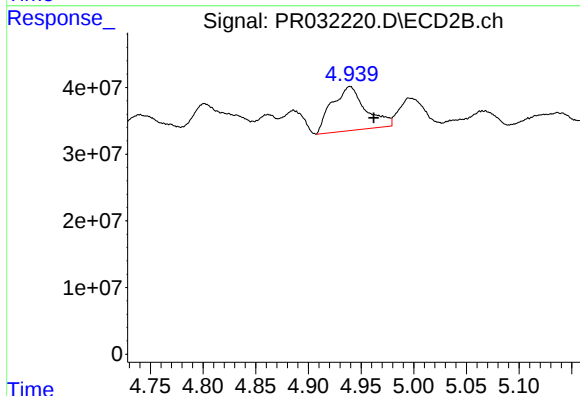
R.T.: 4.608 min
Delta R.T.: 0.015 min
Response: 82563744
Conc: 428.90 ng/ml



#13 AR-1232-3

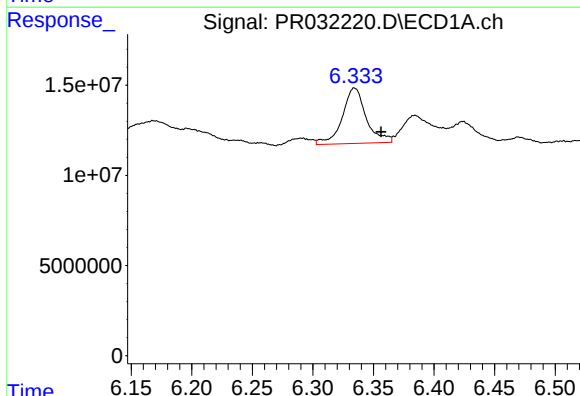
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 6243898
Conc: 55.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



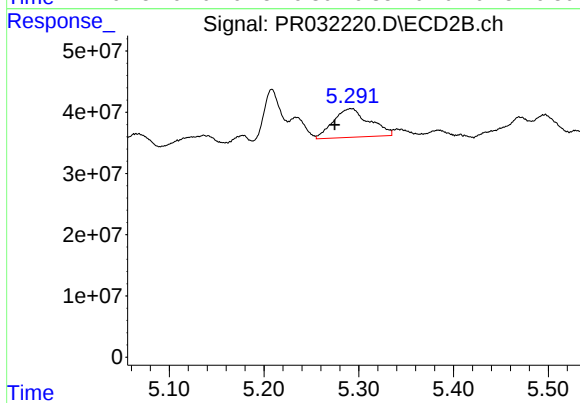
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.022 min
Response: 146545047
Conc: 265.93 ng/ml



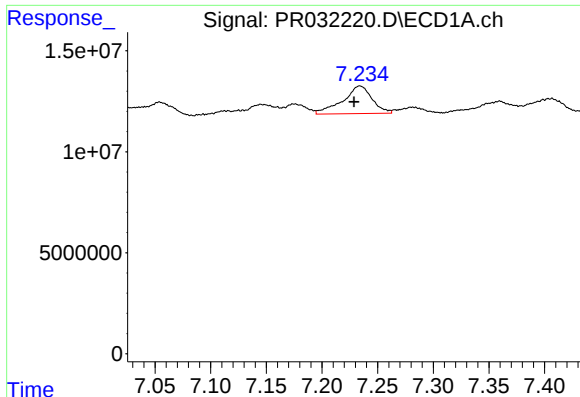
#14 AR-1232-4

R.T.: 6.334 min
Delta R.T.: -0.022 min
Response: 42304674
Conc: 560.80 ng/ml



#14 AR-1232-4

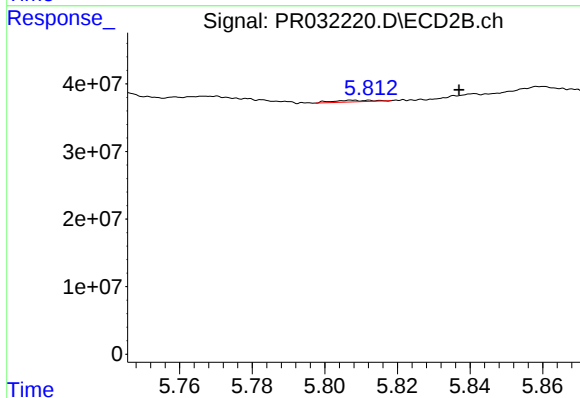
R.T.: 5.292 min
Delta R.T.: 0.017 min
Response: 124488614
Conc: 176.96 ng/ml



#15 AR-1232-5

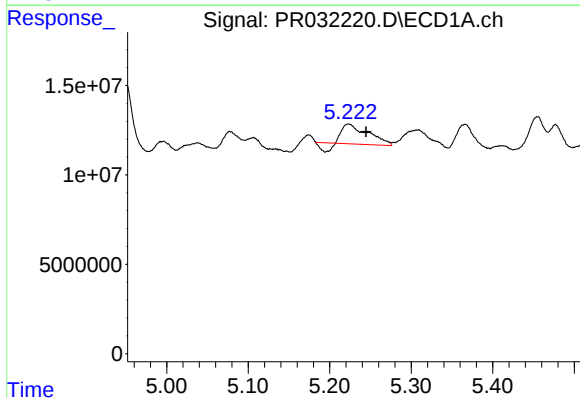
R.T.: 7.234 min
Delta R.T.: 0.005 min
Response: 25146238
Conc: 385.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



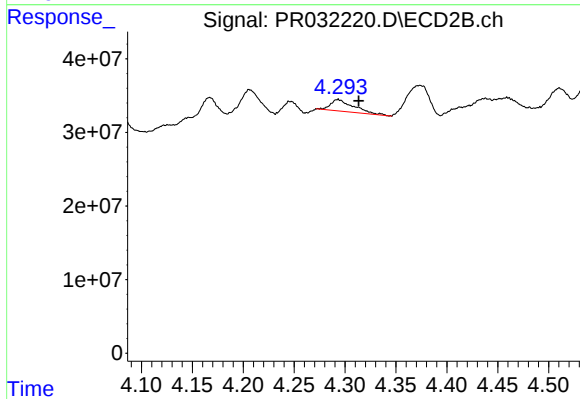
#15 AR-1232-5

R.T.: 5.808 min
Delta R.T.: -0.029 min
Response: 1646035
Conc: 19.88 ng/ml



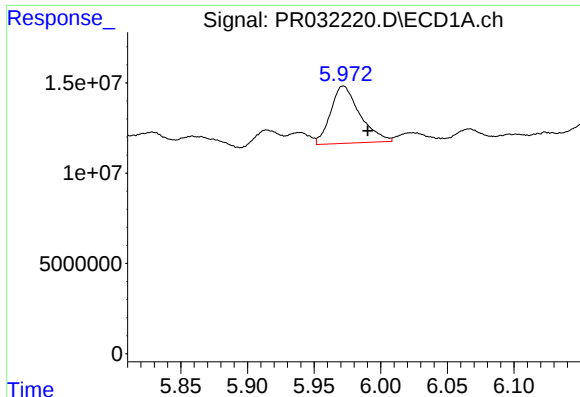
#16 AR-1242-1

R.T.: 5.223 min
Delta R.T.: -0.022 min
Response: 20859964
Conc: 93.27 ng/ml



#16 AR-1242-1

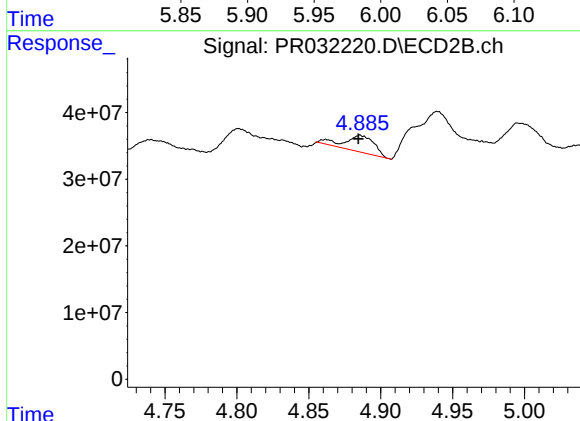
R.T.: 4.293 min
Delta R.T.: -0.021 min
Response: 25311366
Conc: 47.02 ng/ml



#17 AR-1242-2

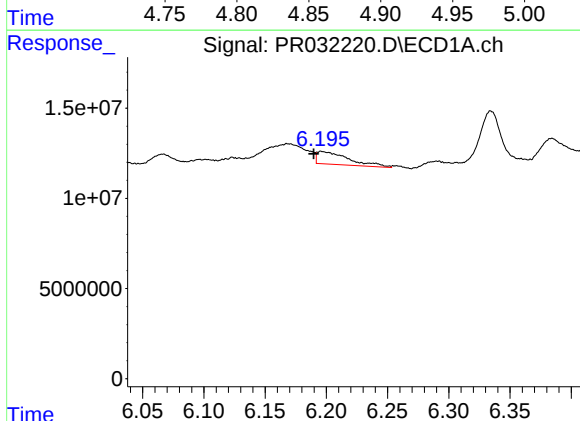
R.T.: 5.972 min
Delta R.T.: -0.018 min
Response: 48601638
Conc: 116.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



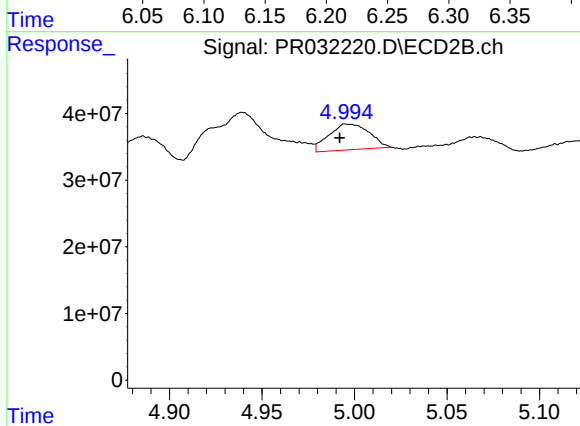
#17 AR-1242-2

R.T.: 4.886 min
Delta R.T.: 0.001 min
Response: 35025280
Conc: 31.22 ng/ml



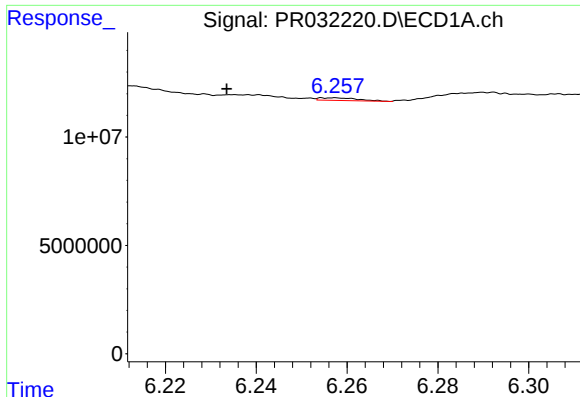
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.006 min
Response: 12805197
Conc: 58.38 ng/ml



#18 AR-1242-3

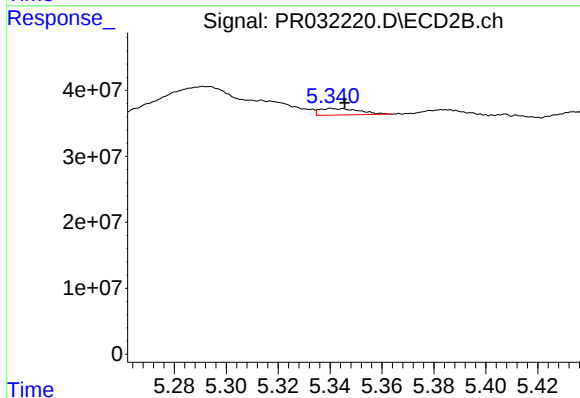
R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 58377553
Conc: 146.94 ng/ml



#19 AR-1242-4

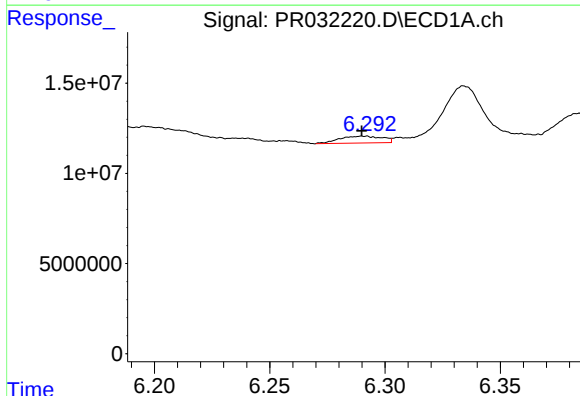
R.T.: 6.257 min
Delta R.T.: 0.023 min
Response: 716931
Conc: 4.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



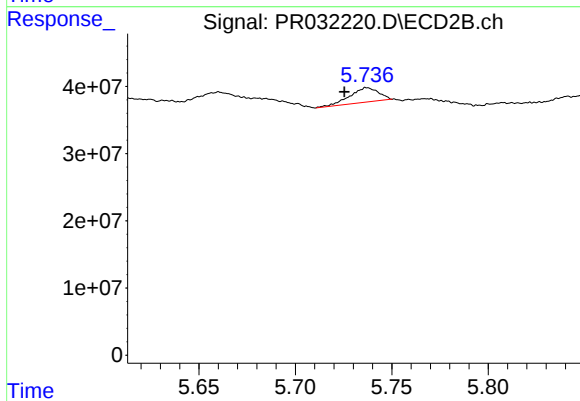
#19 AR-1242-4

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 10609507
Conc: 28.50 ng/ml



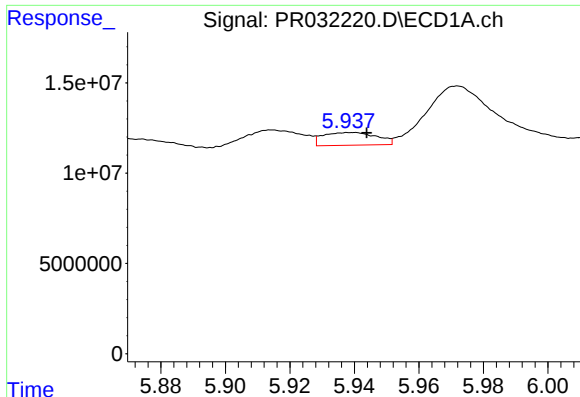
#20 AR-1242-5

R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 4900401
Conc: 8.84 ng/ml



#20 AR-1242-5

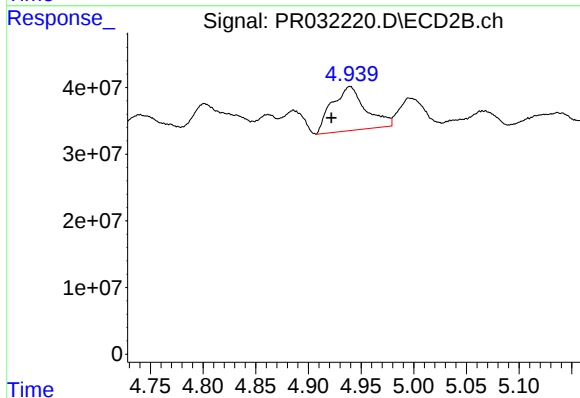
R.T.: 5.737 min
Delta R.T.: 0.012 min
Response: 22565047
Conc: 26.94 ng/ml



#21 AR-1248-1

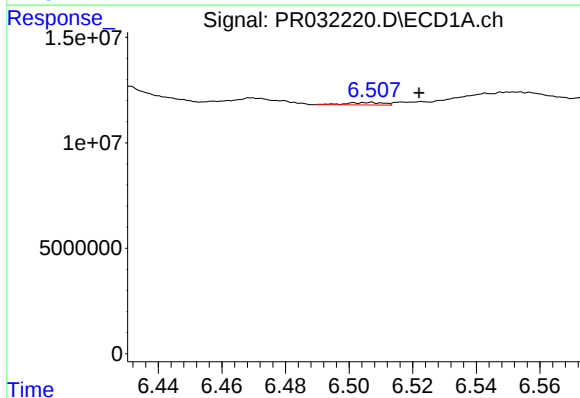
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 8176773
Conc: 6.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



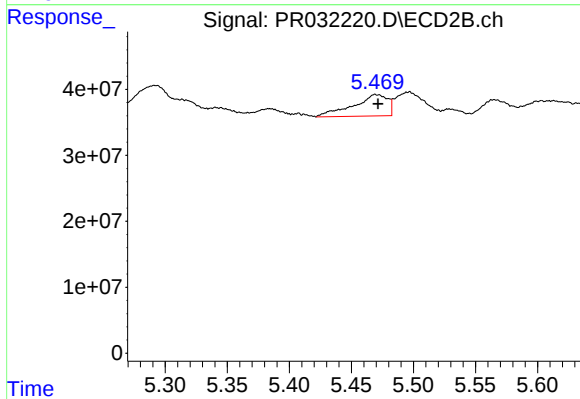
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.018 min
Response: 146545047
Conc: 51.35 ng/ml



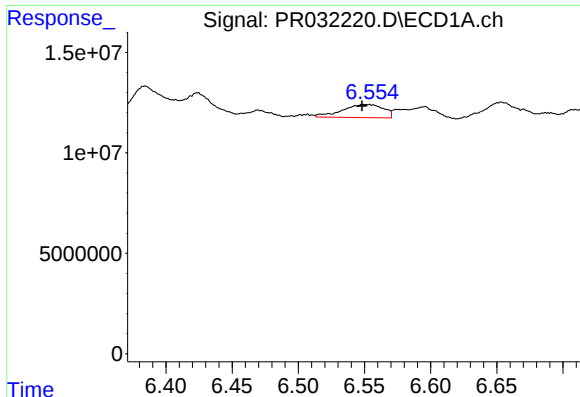
#22 AR-1248-2

R.T.: 6.507 min
Delta R.T.: -0.015 min
Response: 989826
Conc: 0.76 ng/ml



#22 AR-1248-2

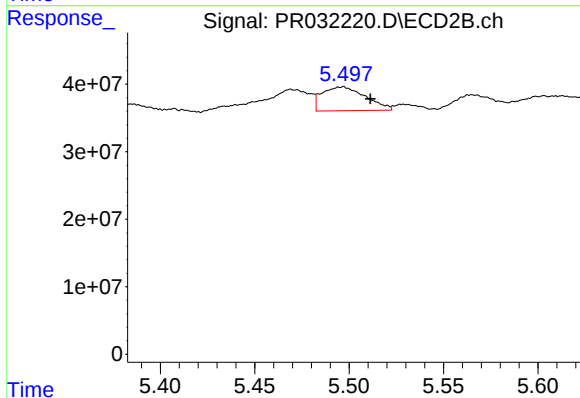
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 62790933
Conc: 10.99 ng/ml



#23 AR-1248-3

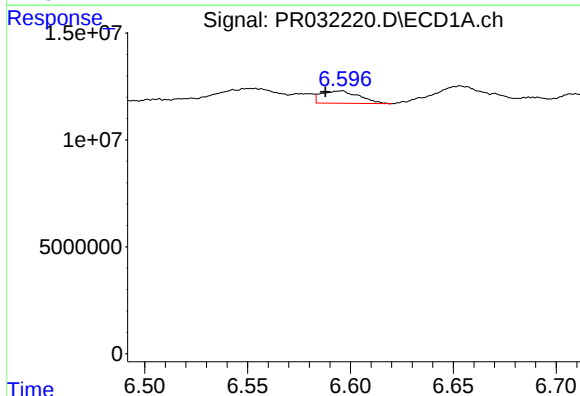
R.T.: 6.552 min
Delta R.T.: 0.004 min
Response: 14153790
Conc: 7.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



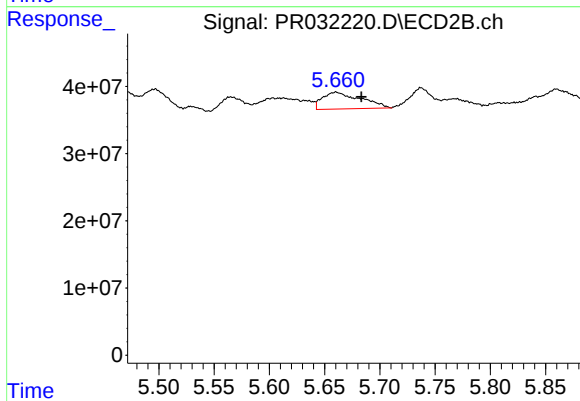
#23 AR-1248-3

R.T.: 5.496 min
Delta R.T.: -0.015 min
Response: 56744916
Conc: 13.08 ng/ml



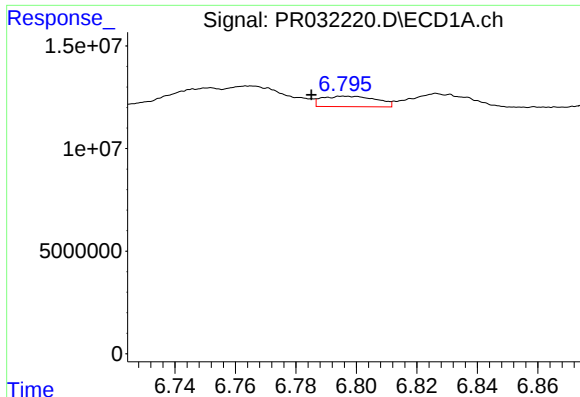
#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: 0.008 min
Response: 7425707
Conc: 4.39 ng/ml



#24 AR-1248-4

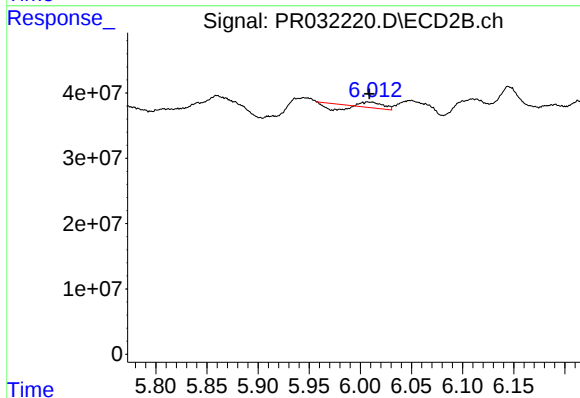
R.T.: 5.660 min
Delta R.T.: -0.023 min
Response: 60349317
Conc: 15.25 ng/ml



#25 AR-1248-5

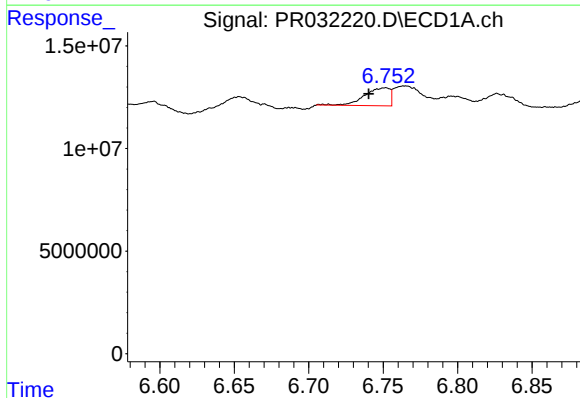
R.T.: 6.796 min
Delta R.T.: 0.011 min
Response: 6407491
Conc: 5.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



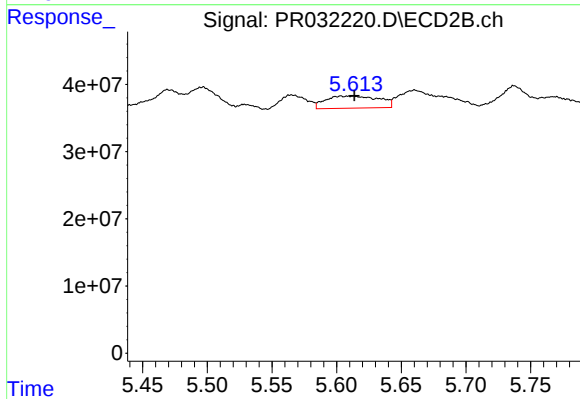
#25 AR-1248-5

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 1320194
Conc: 0.52 ng/ml



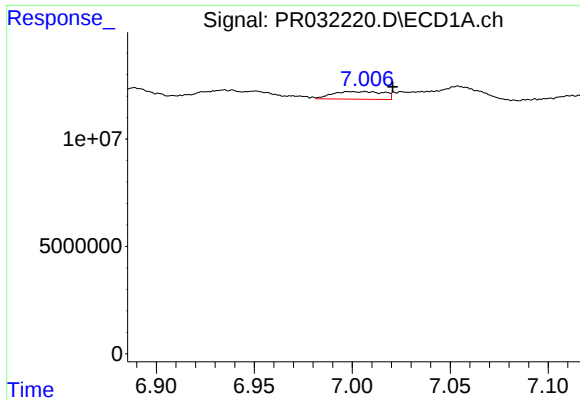
#26 AR-1254-1

R.T.: 6.752 min
Delta R.T.: 0.011 min
Response: 10208935
Conc: 6.75 ng/ml



#26 AR-1254-1

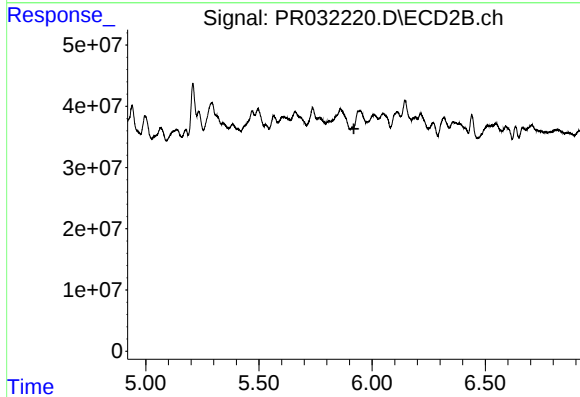
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 52166373
Conc: 16.68 ng/ml



#27 AR-1254-2

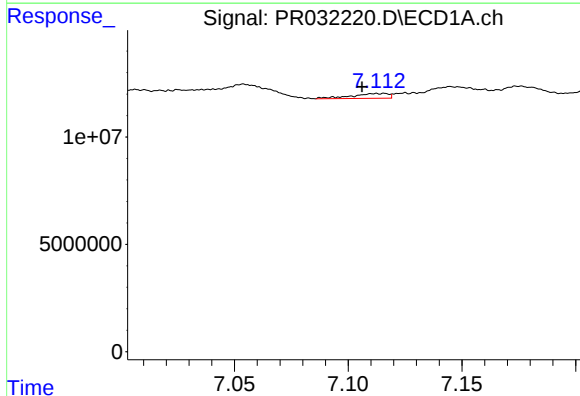
R.T.: 6.999 min
Delta R.T.: -0.022 min
Response: 6463555
Conc: 6.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



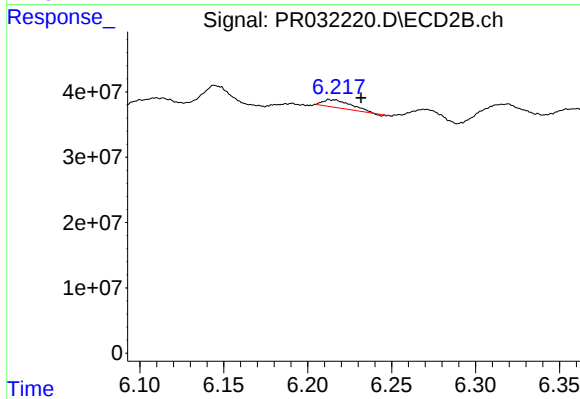
#27 AR-1254-2

R.T.: 5.945 min
Delta R.T.: 0.025 min
Response: -14176373
Conc: N.D.



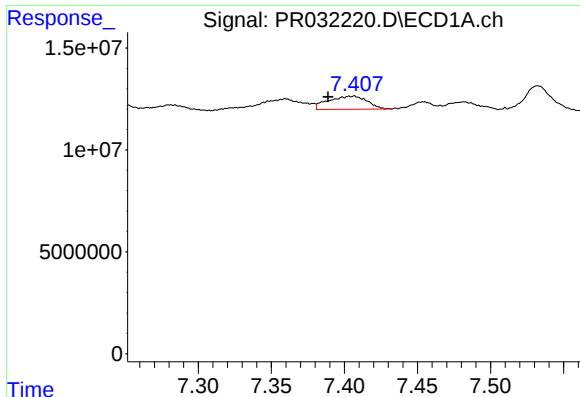
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: 0.007 min
Response: 2555119
Conc: 1.43 ng/ml



#28 AR-1254-3

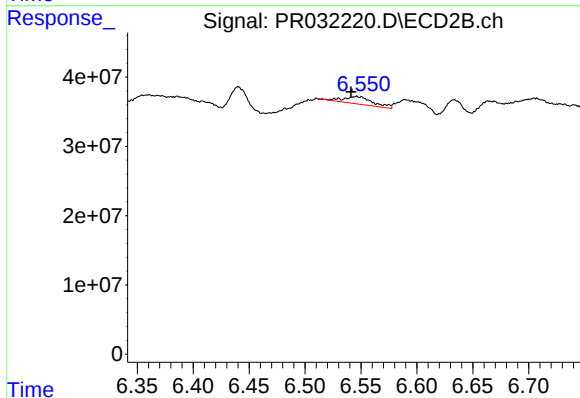
R.T.: 6.214 min
Delta R.T.: -0.018 min
Response: 13597672
Conc: 4.22 ng/ml



#29 AR-1254-4

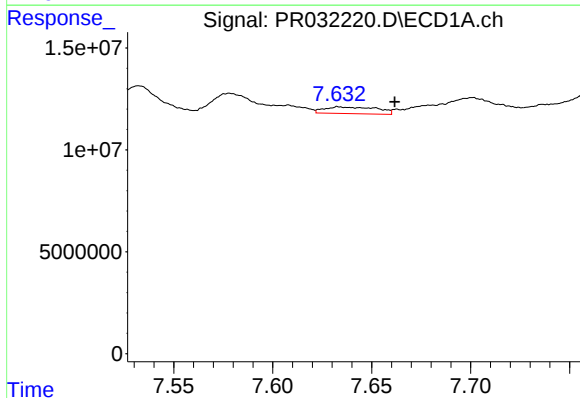
R.T.: 7.406 min
Delta R.T.: 0.017 min
Response: 11877765
Conc: 8.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



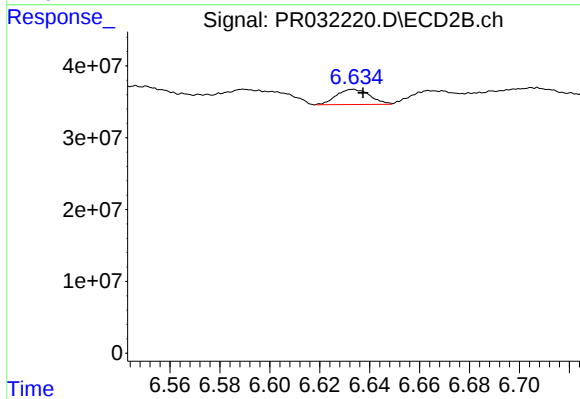
#29 AR-1254-4

R.T.: 6.546 min
Delta R.T.: 0.005 min
Response: 19890189
Conc: 10.56 ng/ml



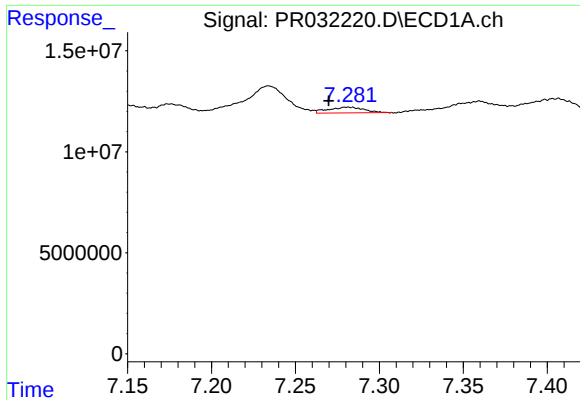
#30 AR-1254-5

R.T.: 7.633 min
Delta R.T.: -0.028 min
Response: 6086192
Conc: 6.36 ng/ml



#30 AR-1254-5

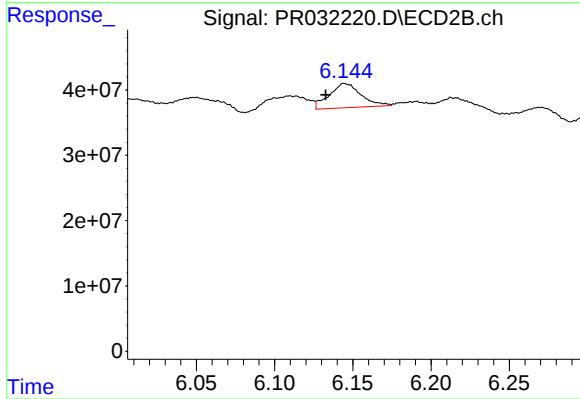
R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 19718083
Conc: 8.95 ng/ml



#31 AR-1260-1

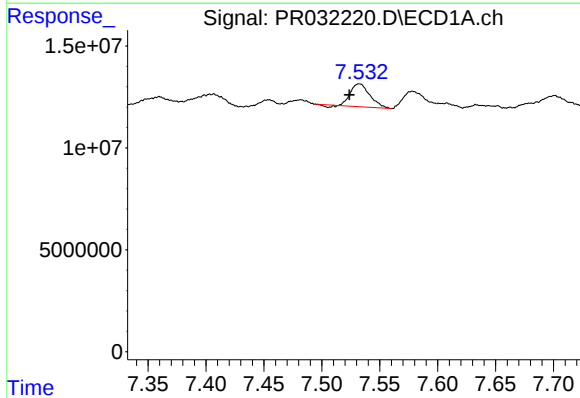
R.T.: 7.281 min
Delta R.T.: 0.011 min
Response: 4075290
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



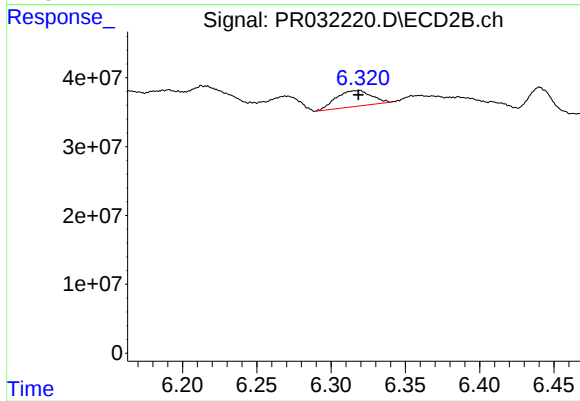
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.012 min
Response: 52745364
Conc: 15.92 ng/ml



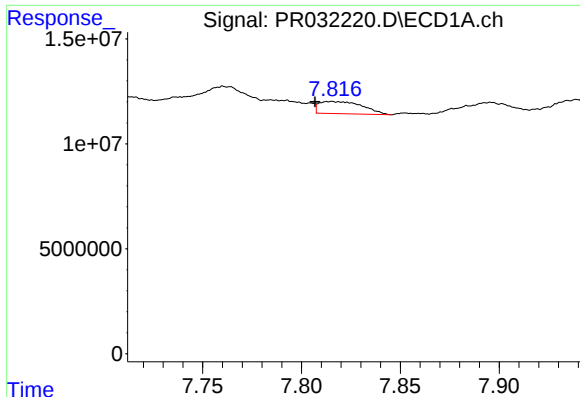
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: 0.008 min
Response: 12673754
Conc: 7.66 ng/ml



#32 AR-1260-2

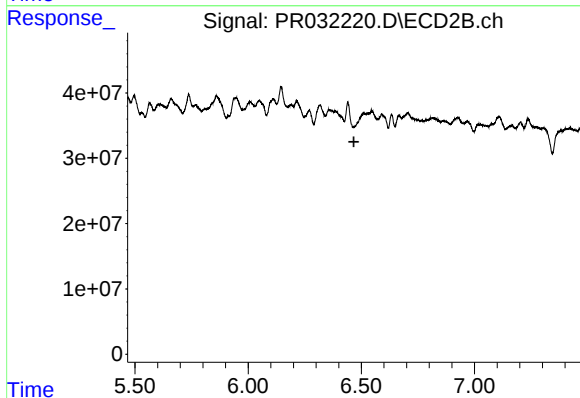
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 38033368
Conc: 9.31 ng/ml



#33 AR-1260-3

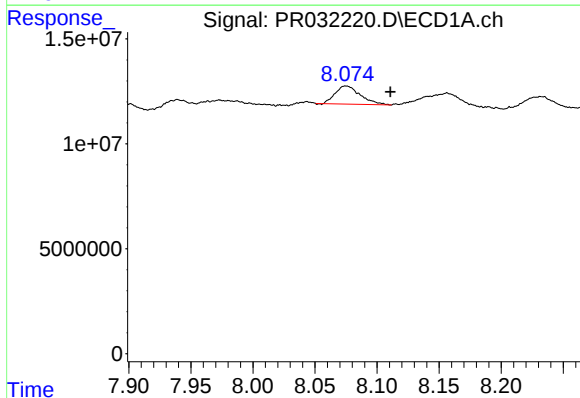
R.T.: 7.815 min
Delta R.T.: 0.008 min
Response: 8885293
Conc: 4.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



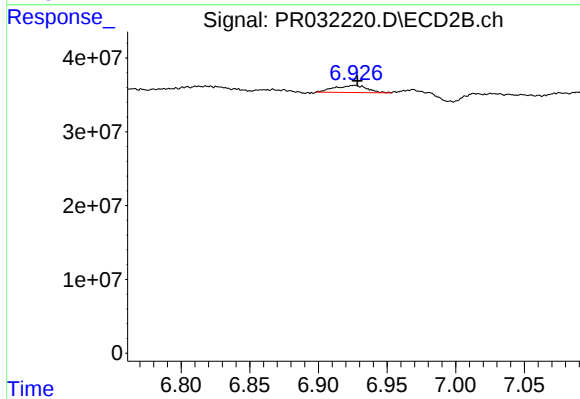
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.467 min
Response: 0
Conc: N.D.



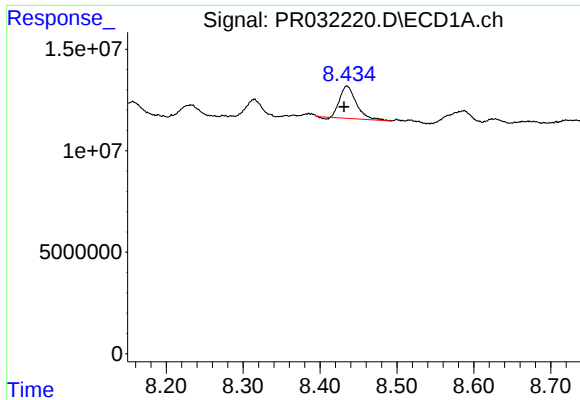
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.036 min
Response: 12249434
Conc: 8.87 ng/ml



#34 AR-1260-4

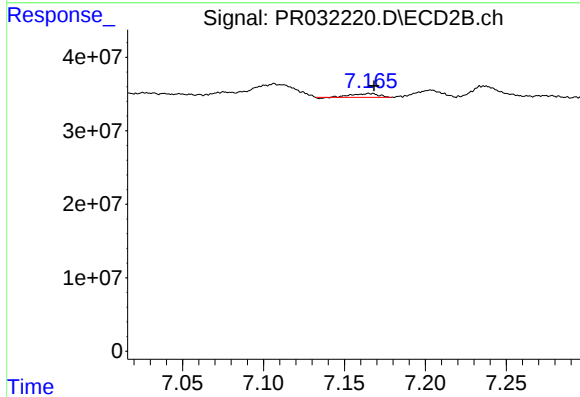
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 16091440
Conc: 8.02 ng/ml



#35 AR-1260-5

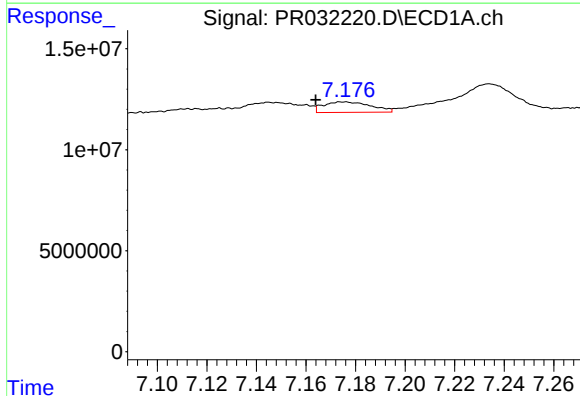
R.T.: 8.435 min
Delta R.T.: 0.004 min
Response: 23612911
Conc: 7.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



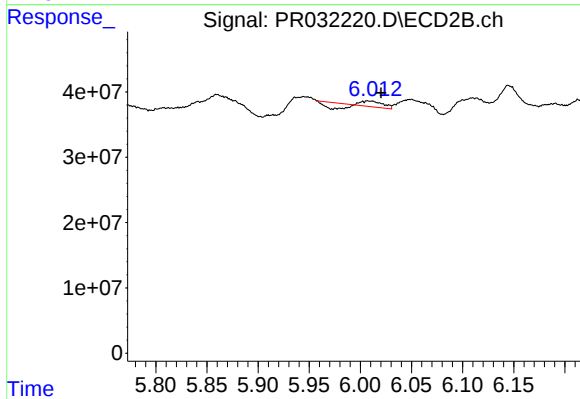
#35 AR-1260-5

R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 5814737
Conc: 1.42 ng/ml



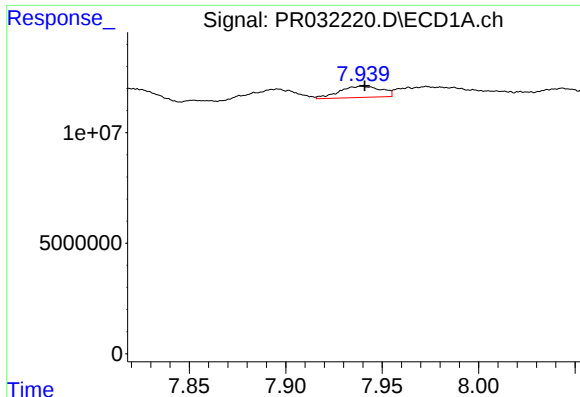
#36 AR-1262-1

R.T.: 7.175 min
Delta R.T.: 0.011 min
Response: 6945528
Conc: 9.14 ng/ml



#36 AR-1262-1

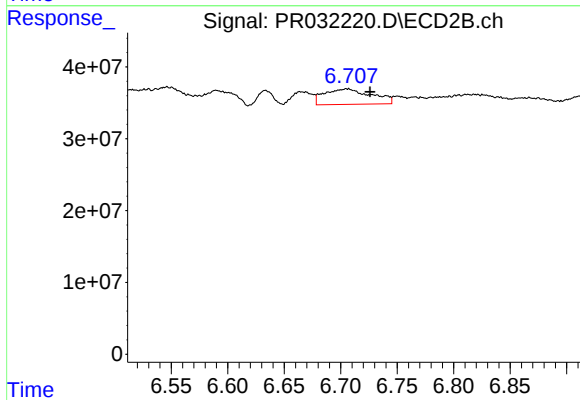
R.T.: 6.008 min
Delta R.T.: -0.013 min
Response: 1320194
Conc: 0.76 ng/ml



#37 AR-1262-2

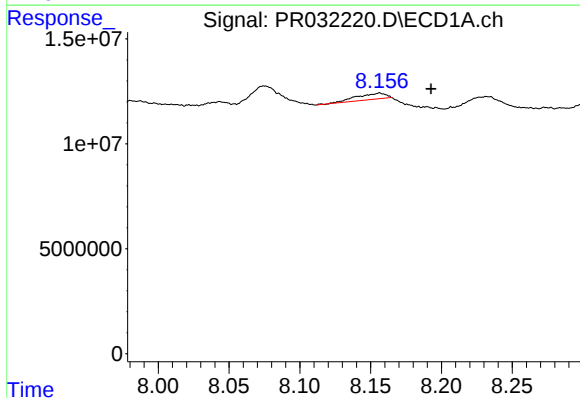
R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 7701224
Conc: 10.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



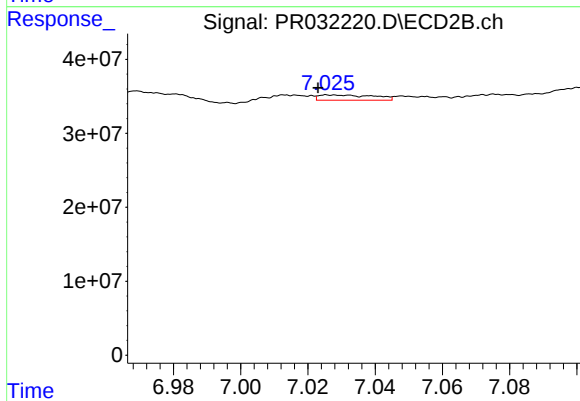
#37 AR-1262-2

R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 62743950
Conc: 44.13 ng/ml



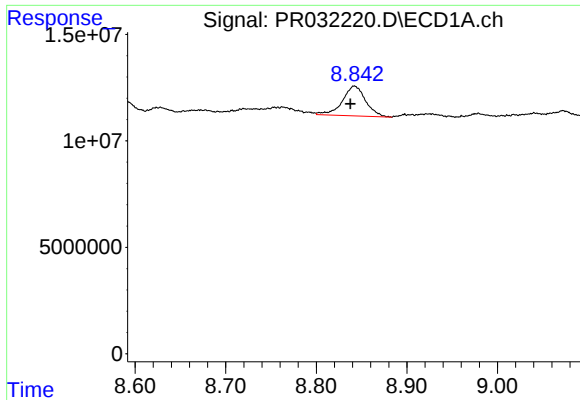
#38 AR-1262-3

R.T.: 8.156 min
Delta R.T.: -0.036 min
Response: 4229038
Conc: 6.96 ng/ml



#38 AR-1262-3

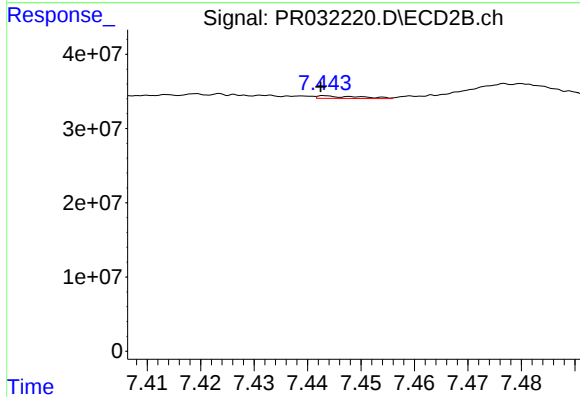
R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 8132194
Conc: 8.00 ng/ml



#39 AR-1262-4

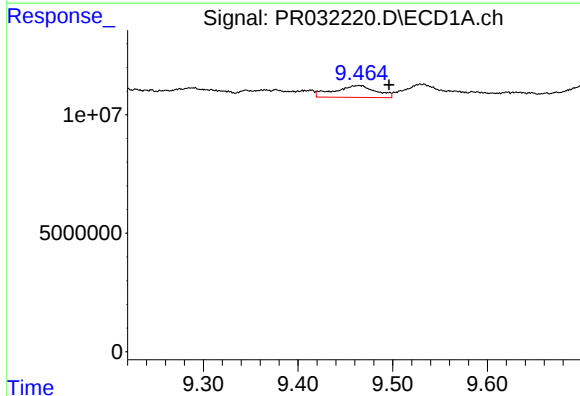
R.T.: 8.842 min
Delta R.T.: 0.004 min
Response: 25012733
Conc: 13.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



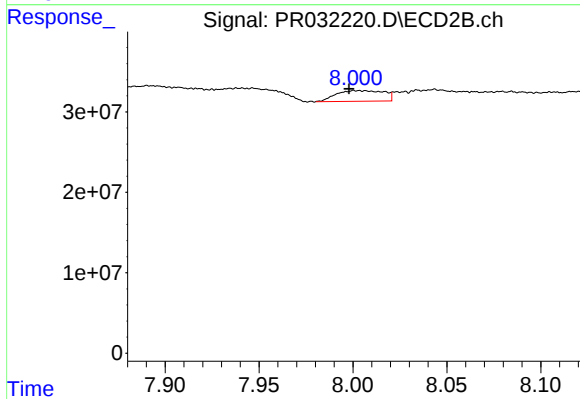
#39 AR-1262-4

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 1900018
Conc: 1.12 ng/ml



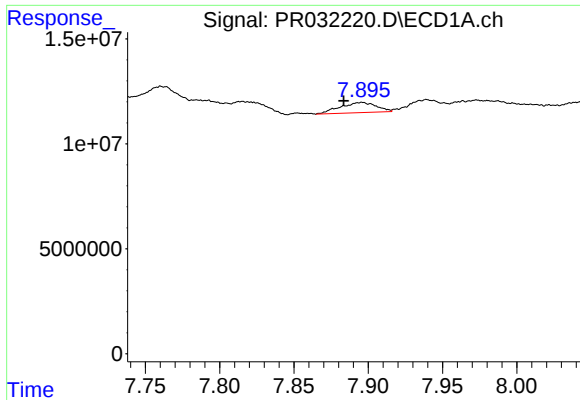
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: -0.032 min
Response: 15137038
Conc: 11.18 ng/ml



#40 AR-1262-5

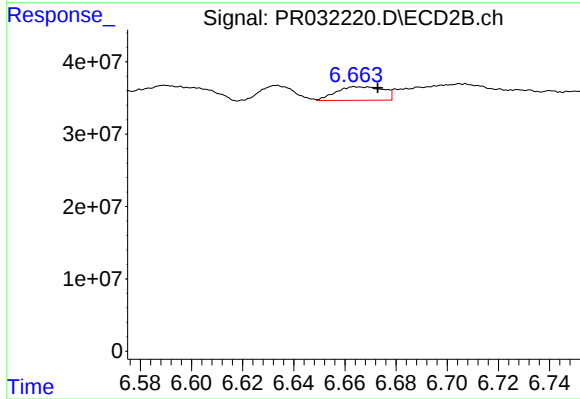
R.T.: 8.003 min
Delta R.T.: 0.005 min
Response: 23492292
Conc: 22.28 ng/ml



#41 AR-1268-1

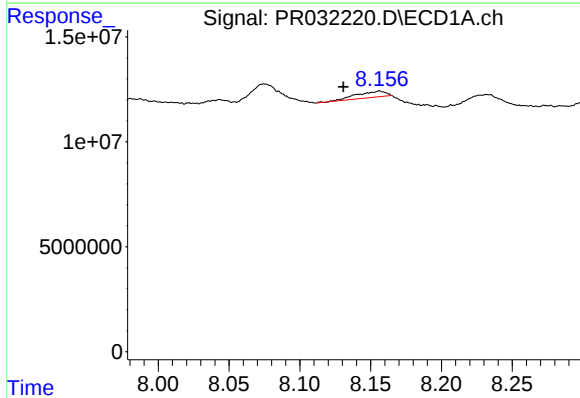
R.T.: 7.896 min
Delta R.T.: 0.012 min
Response: 8232088
Conc: 11.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



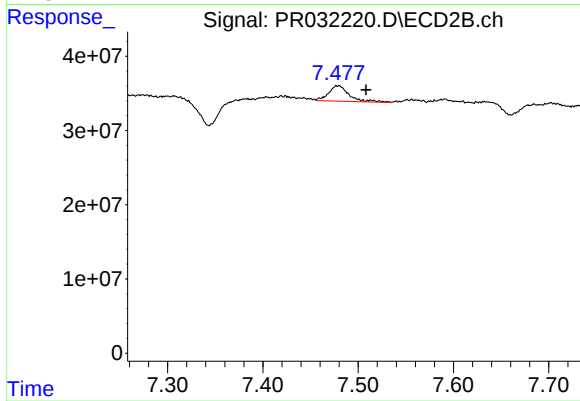
#41 AR-1268-1

R.T.: 6.664 min
Delta R.T.: -0.008 min
Response: 23751824
Conc: 16.96 ng/ml



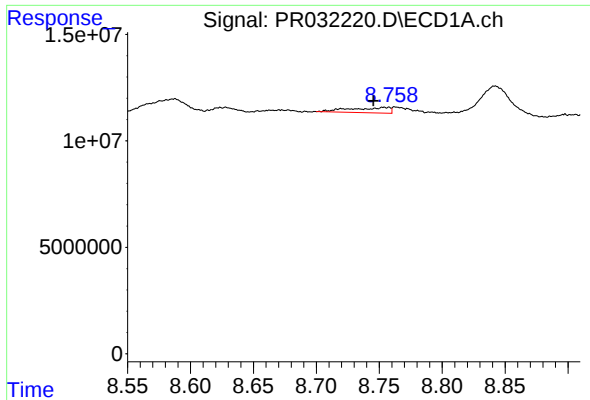
#42 AR-1268-2

R.T.: 8.156 min
Delta R.T.: 0.026 min
Response: 4229038
Conc: 4.57 ng/ml



#42 AR-1268-2

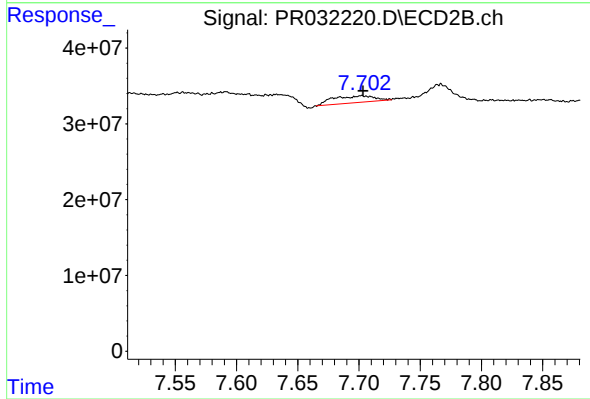
R.T.: 7.479 min
Delta R.T.: -0.029 min
Response: 31302765
Conc: 5.22 ng/ml



#43 AR-1268-3

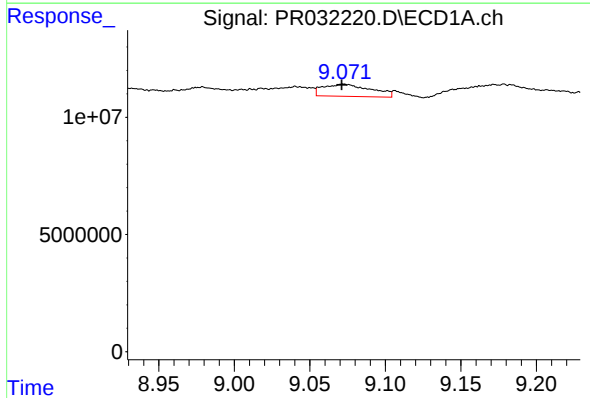
R.T.: 8.754 min
Delta R.T.: 0.008 min
Response: 5549732
Conc: 1.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



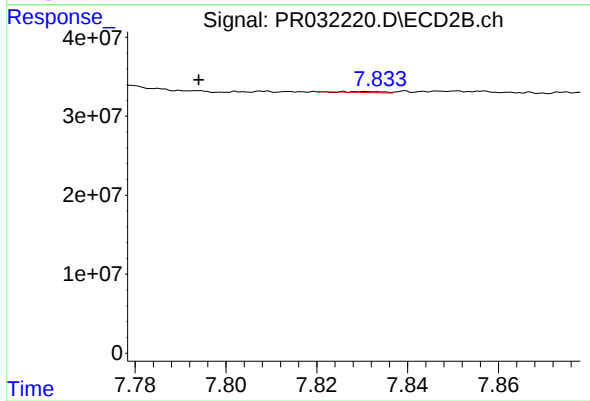
#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 21044630
Conc: 7.48 ng/ml



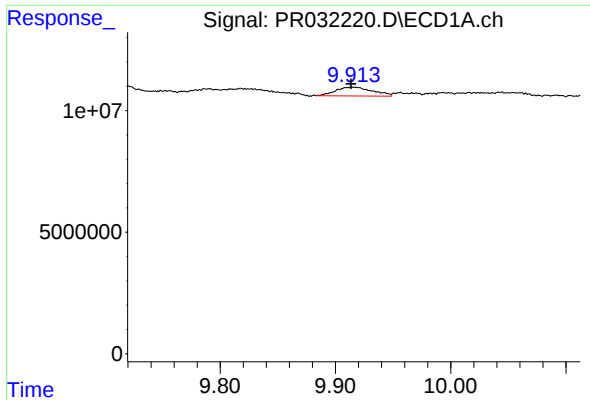
#44 AR-1268-4

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 11427141
Conc: 3.33 ng/ml



#44 AR-1268-4

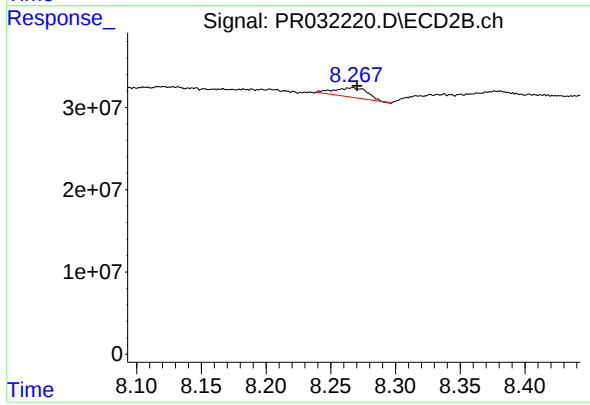
R.T.: 7.831 min
Delta R.T.: 0.037 min
Response: 614570
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 8211126
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 20800458
Conc: 2.88 ng/ml