

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2018 01:12
 Operator : SM\SJ
 Sample : J5019-16
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:42:41 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...	4.513	3.644	422.1E6	748.0E6	21.232	17.876
2)	SA Decachlor...	10.250	8.498	456.4E6	347.0E6	15.579	15.433
Target Compounds							
3)	L1 AR-1016-1	5.217	4.293	8001350	30604542	15.389	26.451 #
4)	L1 AR-1016-2	5.408	4.703	-1155454	143.5E6	N.D.	83.465 #
5)	L1 AR-1016-3	5.668	4.703	787073	143.5E6	0.963	45.401 #
6)	L1 AR-1016-4	5.764	4.739	18179248	72487691	25.392	40.496 #
7)	L1 AR-1016-5	6.170	5.140	33390887	26320575	54.694	15.611 #
8)	L2 AR-1221-1	4.715	3.878	37445645	13335280	139.654	25.097 #
9)	L2 AR-1221-2	4.785	3.943	29066720	-2754196	142.143	N.D. #
10)	L2 AR-1221-3	4.891	4.005	74893997	3324735	120.069	2.653 #
11)	L3 AR-1232-1	5.697	4.457	10266445	80155456	21.257	139.612 #
12)	L3 AR-1232-2	5.830	4.607	24765503	191.3E6	99.803	993.750 #
13)	L3 AR-1232-3	6.024	4.939	14948175	138.7E6	132.363	251.619 #
14)	L3 AR-1232-4	6.334	5.292	36854901	106.5E6	488.560	151.338 #
15)	L3 AR-1232-5	7.232	5.803	20525928	1244911	314.873	15.039 #
16)	L4 AR-1242-1	5.249	4.312	18939899	19796462	84.684	36.773 #
17)	L4 AR-1242-2	5.971	4.885	52660649	37555557	125.911	33.471 #
18)	L4 AR-1242-3	6.170	4.996	33390887	53774951	152.222	135.353
19)	L4 AR-1242-4	6.238	5.342	649078	14873920	3.842	39.950 #
20)	L4 AR-1242-5	6.286	5.736	6914453	17606460	12.479	21.022 #
21)	L5 AR-1248-1	5.937	4.939	11654800	138.7E6	9.306	48.582 #
22)	L5 AR-1248-2	6.548	5.469	18361904	64319922	14.093	11.261
23)	L5 AR-1248-3	6.548	5.493	18361904	53197661	10.353	12.262
24)	L5 AR-1248-4	6.592	5.659	9838977	97145291	5.812	24.546 #
25)	L5 AR-1248-5	6.800	6.014	9059869	51211006	8.102	20.239 #
26)	L6 AR-1254-1	6.750	5.615	12513764	82144134	8.280	26.263 #
27)	L6 AR-1254-2	7.026	5.939	8317214	-6550769	8.451	N.D. #
28)	L6 AR-1254-3	7.118	6.213	847386	13725027	0.476	4.260 #
29)	L6 AR-1254-4	7.407	6.592	19599374	26201285	13.959	13.916
30)	L6 AR-1254-5	7.654	6.632	3918954	25216025	4.095	11.452 #
31)	L7 AR-1260-1	7.269	6.143	5498872	79114494	4.208	23.884 #
32)	L7 AR-1260-2	7.532	6.316	17670050	44100208	10.673	10.789
33)	L7 AR-1260-3	7.815	6.411	13872141	1160279	7.232	0.354 #
34)	L7 AR-1260-4	8.075	6.926	2423513	13612532	1.756	6.789 #
35)	L7 AR-1260-5	8.435	7.163	36945521	249.2E6	12.078	61.039 #
36)	L8 AR-1262-1	7.179	6.014	7763202	51211006	10.218	29.607 #
37)	L8 AR-1262-2	7.942	6.704	6604966	72897634	9.337	51.270 #
39)	L8 AR-1262-4	8.841	7.438	24963717	3067647	13.770	1.813 #
40)	L8 AR-1262-5	9.462	8.003	11809982	18852459	8.721	17.879 #
41)	L9 AR-1268-1	7.886	6.664	15260494	24382012	21.549	17.406
42)	L9 AR-1268-2	8.158	7.529	4595222	520785	4.970	0.087 #

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 Acq On : 22 Sep 2018 01:12
 Operator : SM\SJ
 Sample : J5019-16
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

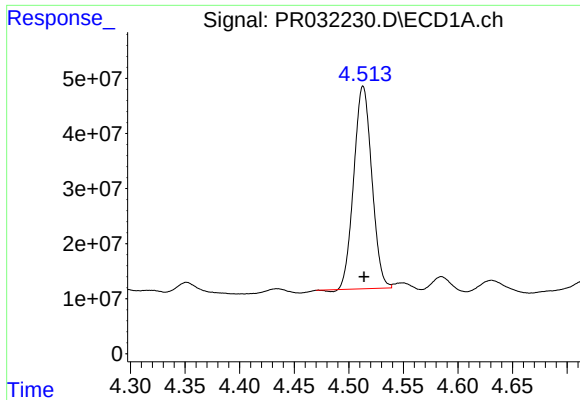
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:42:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.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
43) L9	AR-1268-3	8.756	7.704	7240123	8057407	1.699	2.864 #
44) L9	AR-1268-4	9.071	7.826	7335517	1200851	2.138	1.501 #
45) L9	AR-1268-5	9.912	8.265	9710150	8720500	0.953	1.207 #

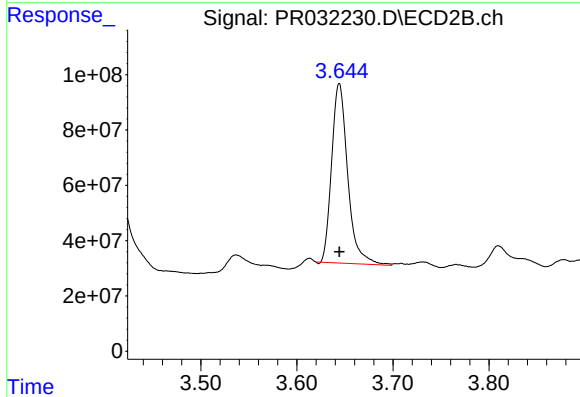
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

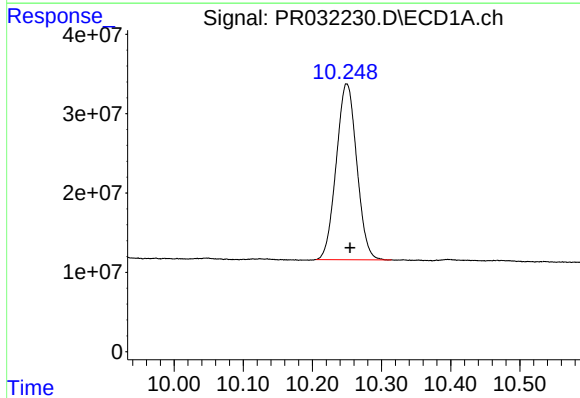
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 422096929
Conc: 21.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



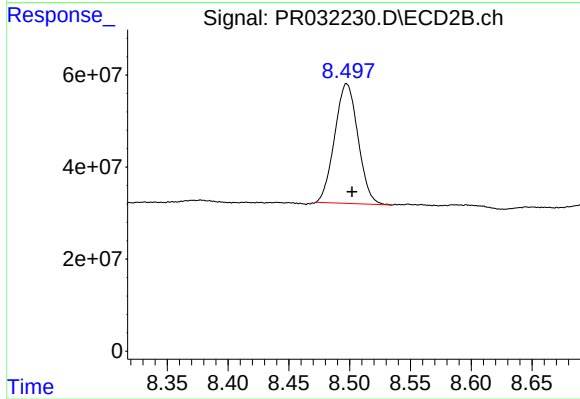
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 748041269
Conc: 17.88 ng/ml



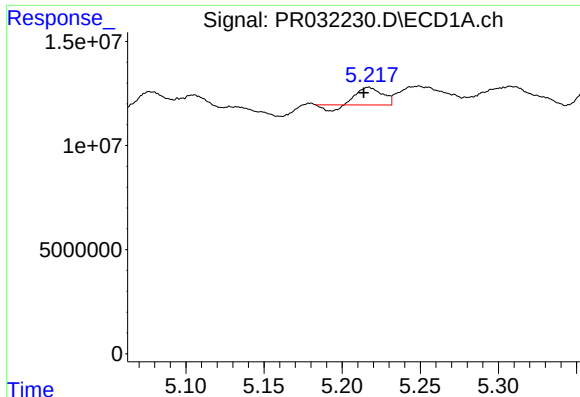
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.005 min
Response: 456354346
Conc: 15.58 ng/ml



#2 Decachlorobiphenyl

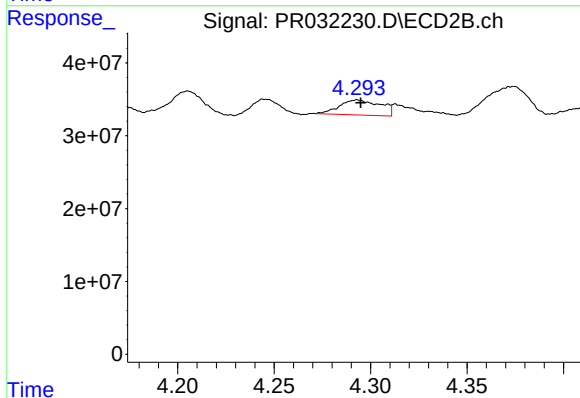
R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 347046174
Conc: 15.43 ng/ml



#3 AR-1016-1

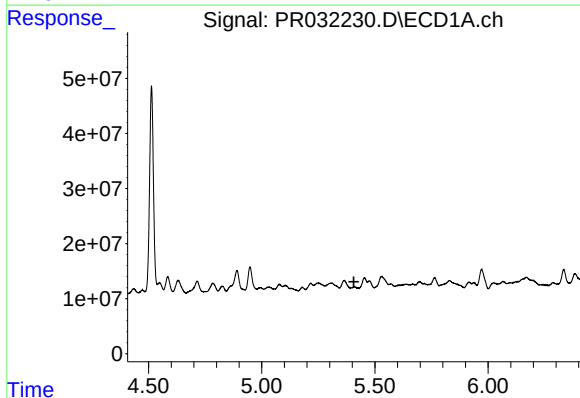
R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 8001350
Conc: 15.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



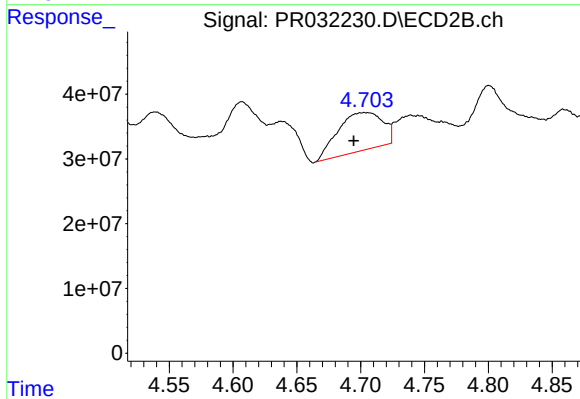
#3 AR-1016-1

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 30604542
Conc: 26.45 ng/ml



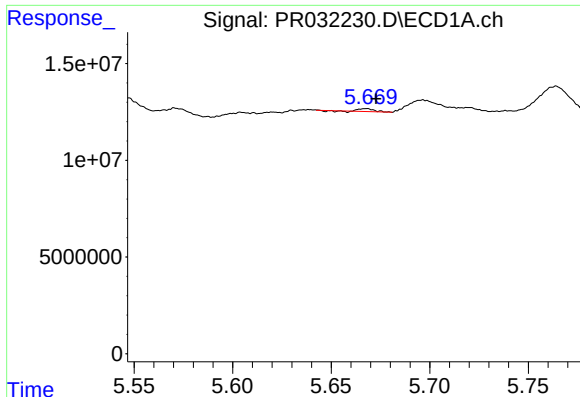
#4 AR-1016-2

R.T.: 5.408 min
Delta R.T.: 0.001 min
Response: -1155454
Conc: N.D.



#4 AR-1016-2

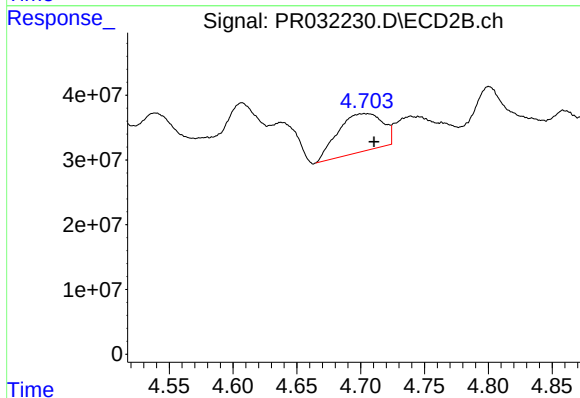
R.T.: 4.703 min
Delta R.T.: 0.009 min
Response: 143529091
Conc: 83.47 ng/ml



#5 AR-1016-3

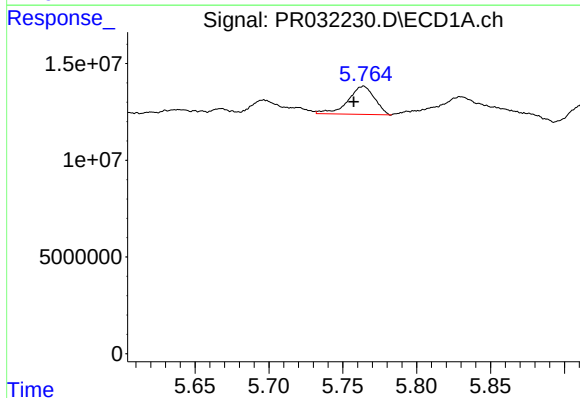
R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 787073
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



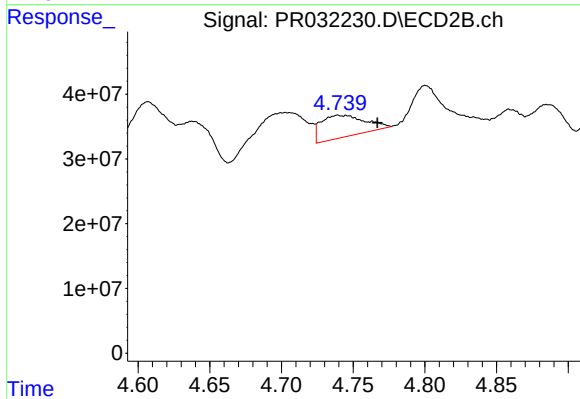
#5 AR-1016-3

R.T.: 4.703 min
Delta R.T.: -0.007 min
Response: 143529091
Conc: 45.40 ng/ml



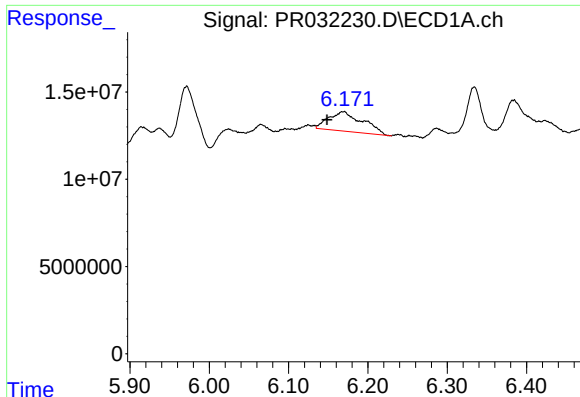
#6 AR-1016-4

R.T.: 5.764 min
Delta R.T.: 0.006 min
Response: 18179248
Conc: 25.39 ng/ml



#6 AR-1016-4

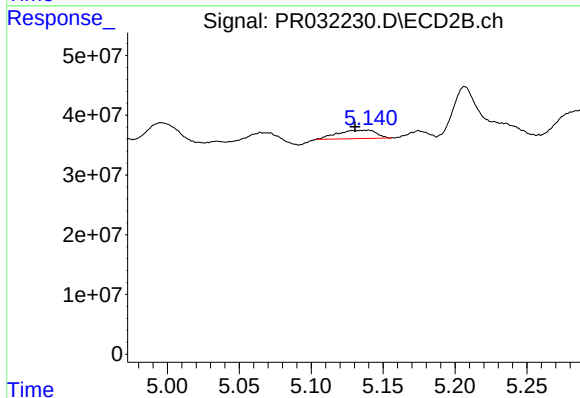
R.T.: 4.739 min
Delta R.T.: -0.028 min
Response: 72487691
Conc: 40.50 ng/ml



#7 AR-1016-5

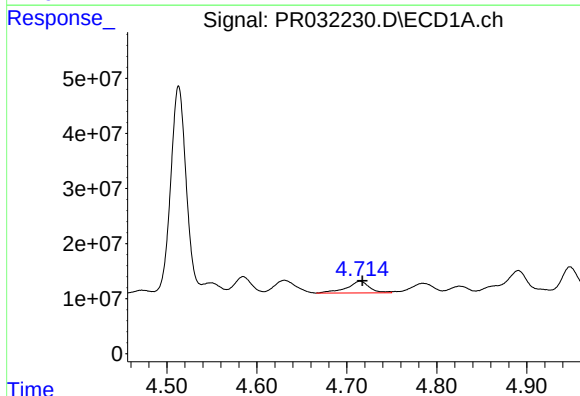
R.T.: 6.170 min
Delta R.T.: 0.021 min
Response: 33390887
Conc: 54.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



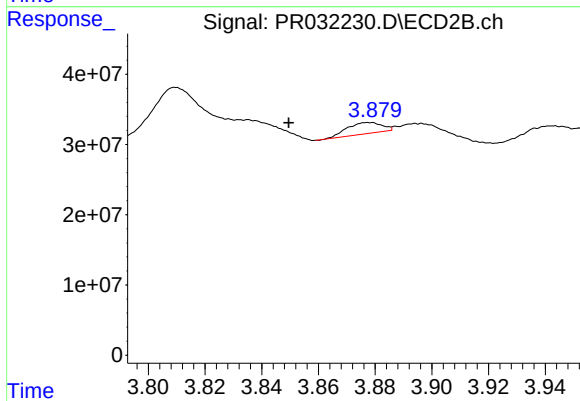
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: 0.009 min
Response: 26320575
Conc: 15.61 ng/ml



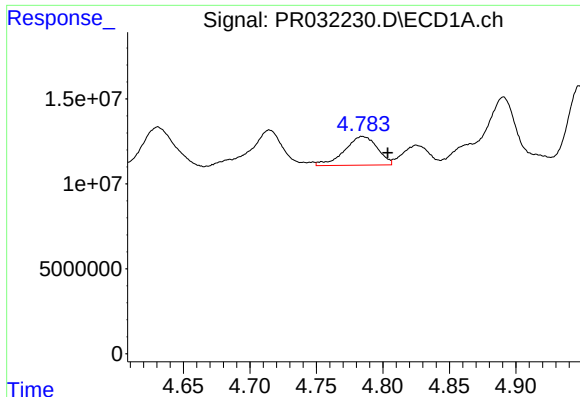
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 37445645
Conc: 139.65 ng/ml



#8 AR-1221-1

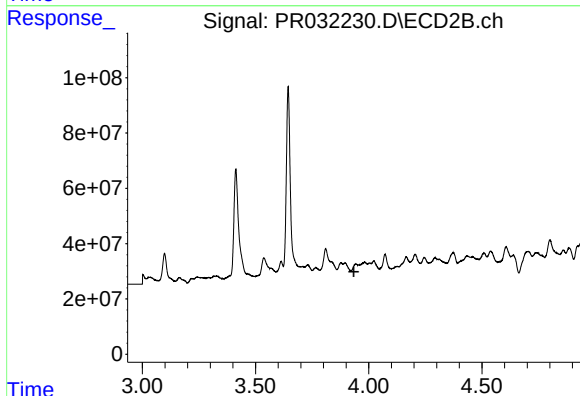
R.T.: 3.878 min
Delta R.T.: 0.028 min
Response: 13335280
Conc: 25.10 ng/ml



#9 AR-1221-2

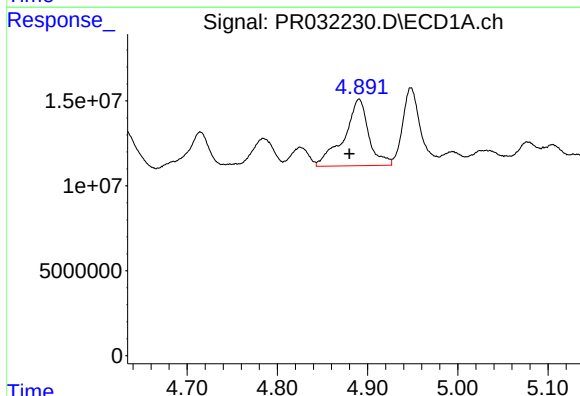
R.T.: 4.785 min
Delta R.T.: -0.019 min
Response: 29066720
Conc: 142.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



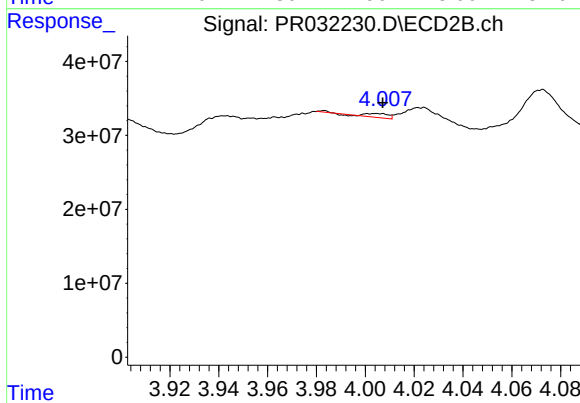
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: 0.008 min
Response: -2754196
Conc: N.D.



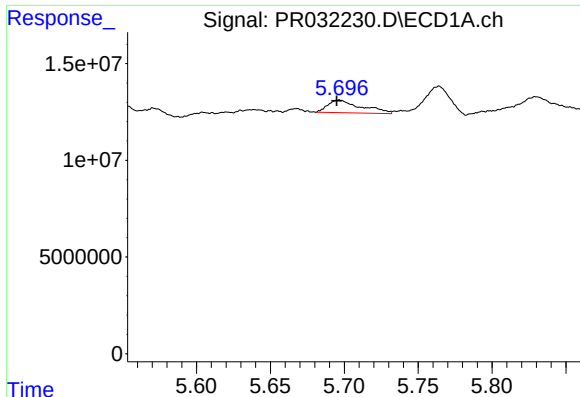
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: 0.011 min
Response: 74893997
Conc: 120.07 ng/ml



#10 AR-1221-3

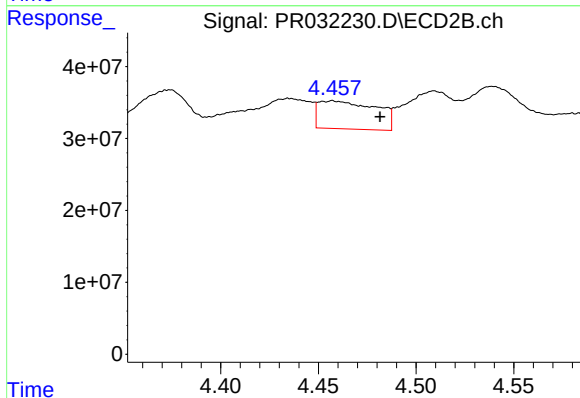
R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 3324735
Conc: 2.65 ng/ml



#11 AR-1232-1

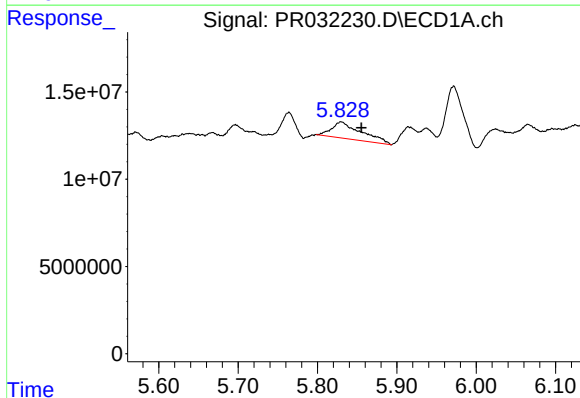
R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 10266445
Conc: 21.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



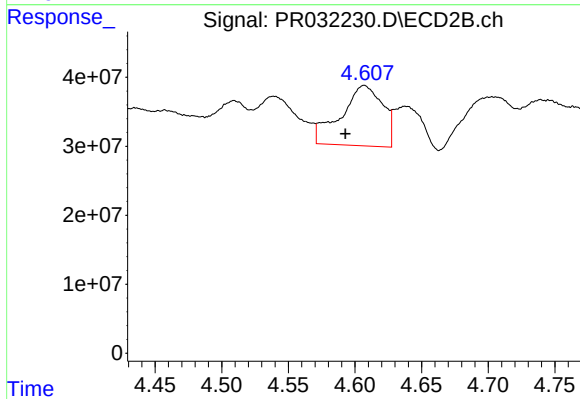
#11 AR-1232-1

R.T.: 4.457 min
Delta R.T.: -0.024 min
Response: 80155456
Conc: 139.61 ng/ml



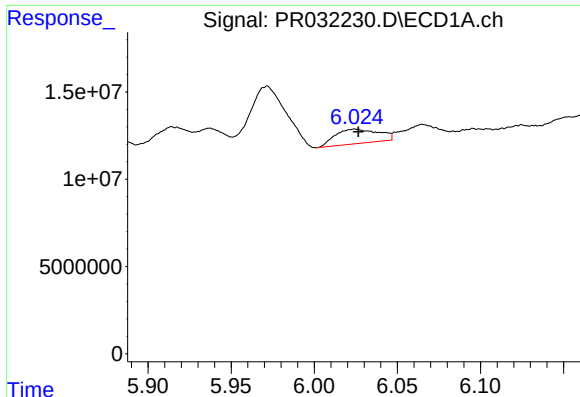
#12 AR-1232-2

R.T.: 5.830 min
Delta R.T.: -0.026 min
Response: 24765503
Conc: 99.80 ng/ml



#12 AR-1232-2

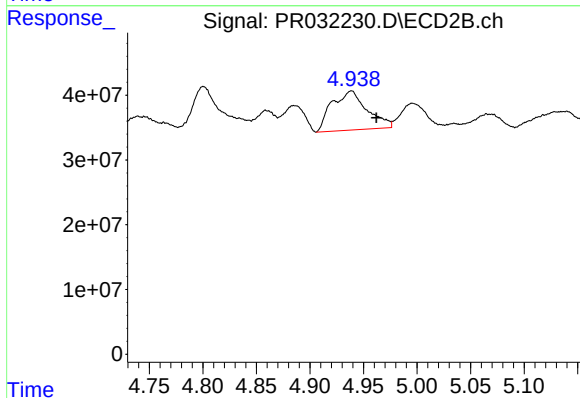
R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 191300017
Conc: 993.75 ng/ml



#13 AR-1232-3

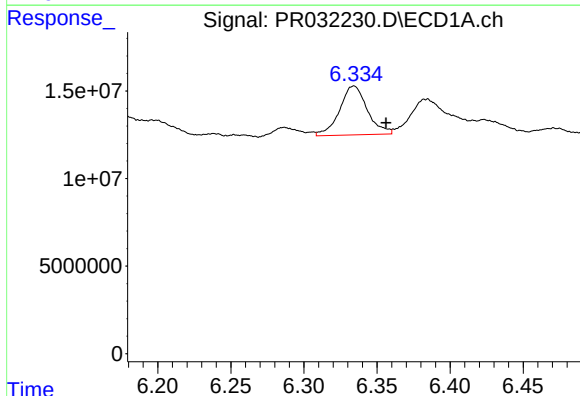
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 14948175
Conc: 132.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



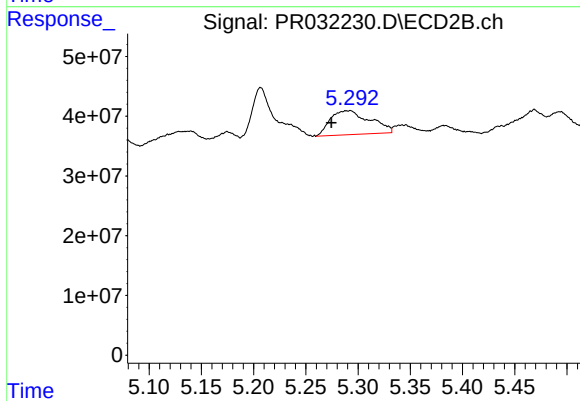
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 138657711
Conc: 251.62 ng/ml



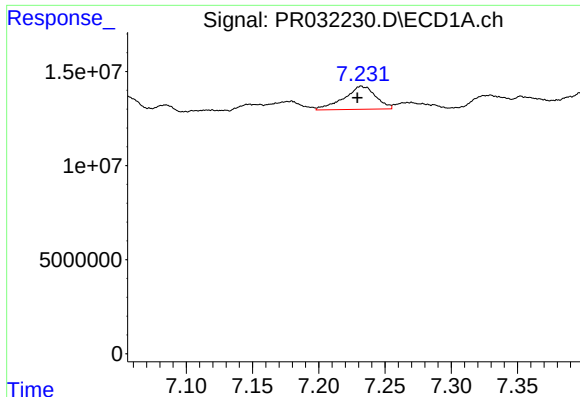
#14 AR-1232-4

R.T.: 6.334 min
Delta R.T.: -0.022 min
Response: 36854901
Conc: 488.56 ng/ml



#14 AR-1232-4

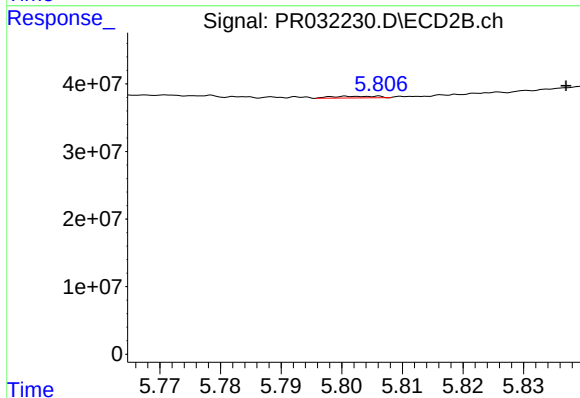
R.T.: 5.292 min
Delta R.T.: 0.018 min
Response: 106461916
Conc: 151.34 ng/ml



#15 AR-1232-5

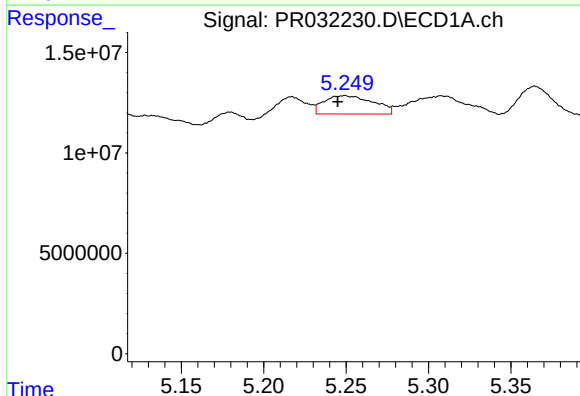
R.T.: 7.232 min
Delta R.T.: 0.003 min
Response: 20525928
Conc: 314.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



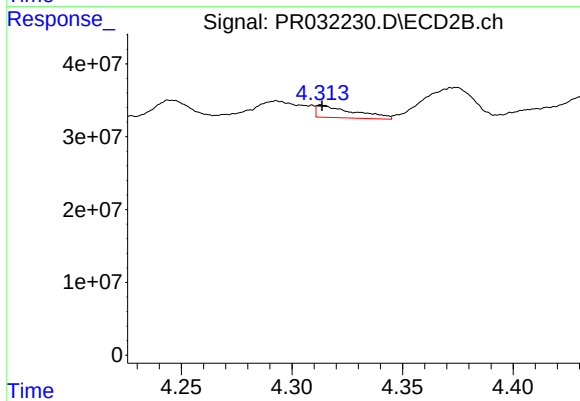
#15 AR-1232-5

R.T.: 5.803 min
Delta R.T.: -0.034 min
Response: 1244911
Conc: 15.04 ng/ml



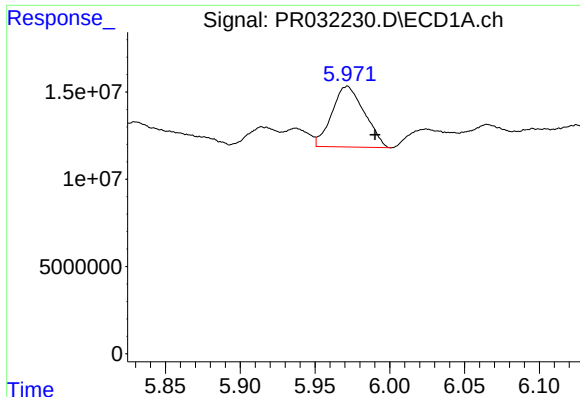
#16 AR-1242-1

R.T.: 5.249 min
Delta R.T.: 0.004 min
Response: 18939899
Conc: 84.68 ng/ml



#16 AR-1242-1

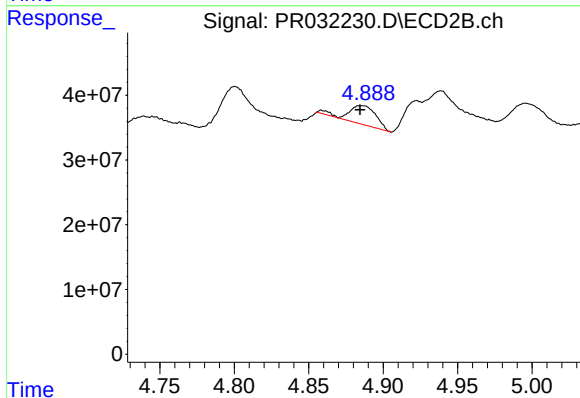
R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 19796462
Conc: 36.77 ng/ml



#17 AR-1242-2

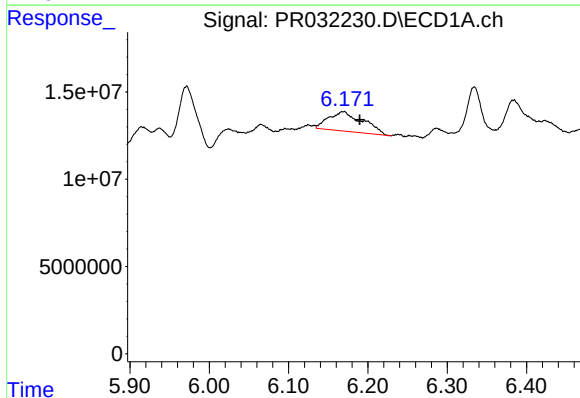
R.T.: 5.971 min
Delta R.T.: -0.019 min
Response: 52660649
Conc: 125.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



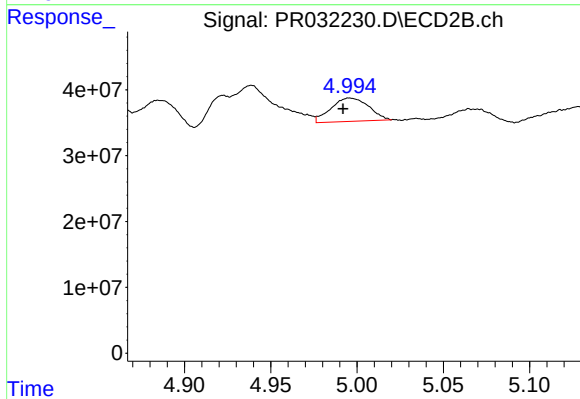
#17 AR-1242-2

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 37555557
Conc: 33.47 ng/ml



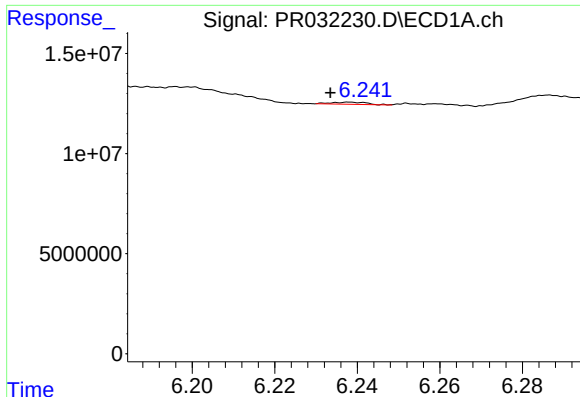
#18 AR-1242-3

R.T.: 6.170 min
Delta R.T.: -0.020 min
Response: 33390887
Conc: 152.22 ng/ml



#18 AR-1242-3

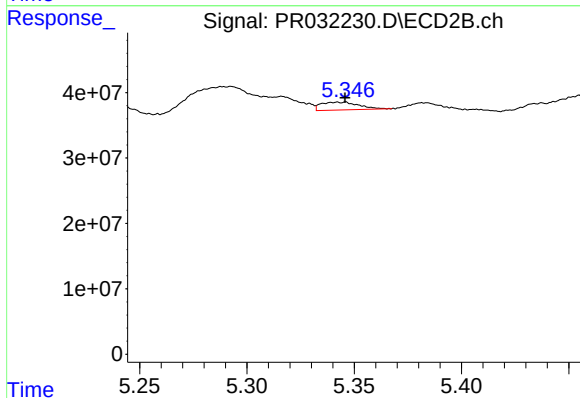
R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 53774951
Conc: 135.35 ng/ml



#19 AR-1242-4

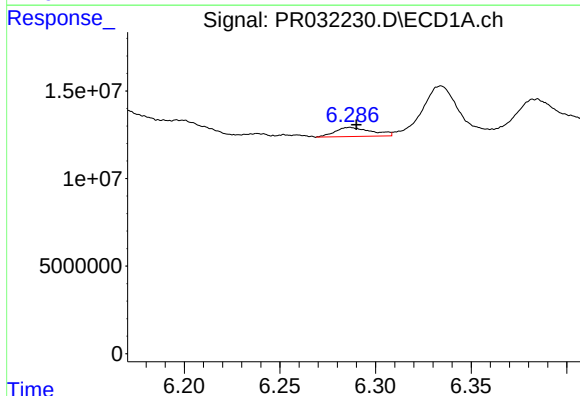
R.T.: 6.238 min
Delta R.T.: 0.005 min
Response: 649078
Conc: 3.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



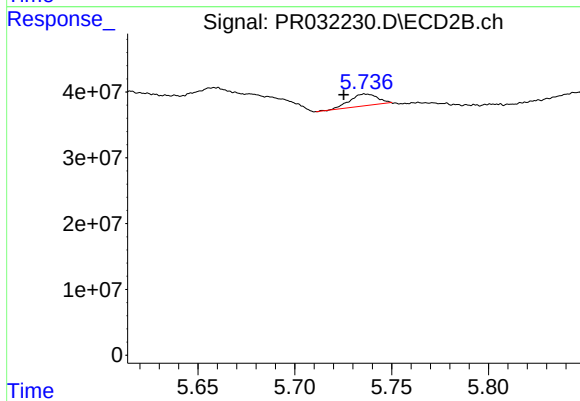
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 14873920
Conc: 39.95 ng/ml



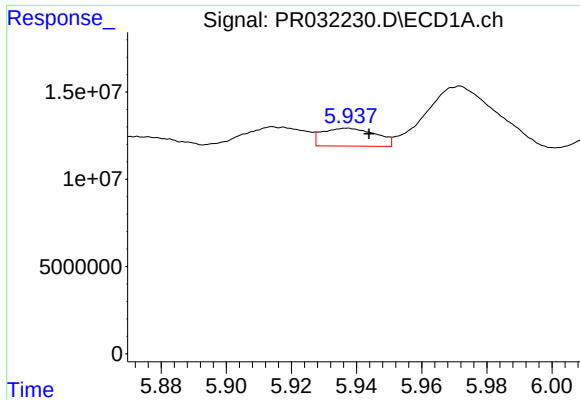
#20 AR-1242-5

R.T.: 6.286 min
Delta R.T.: -0.003 min
Response: 6914453
Conc: 12.48 ng/ml



#20 AR-1242-5

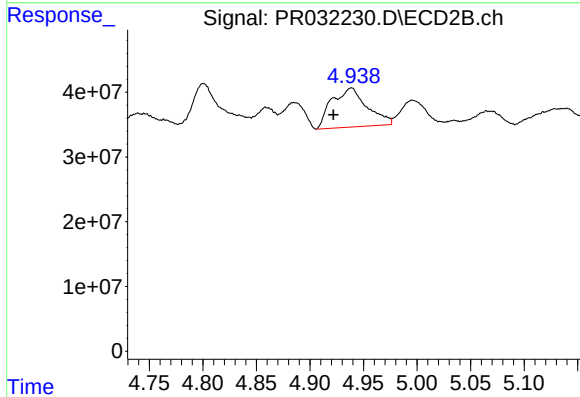
R.T.: 5.736 min
Delta R.T.: 0.011 min
Response: 17606460
Conc: 21.02 ng/ml



#21 AR-1248-1

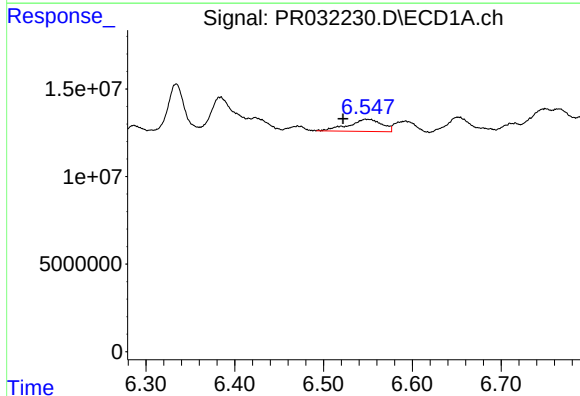
R.T.: 5.937 min
Delta R.T.: -0.007 min
Response: 11654800
Conc: 9.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



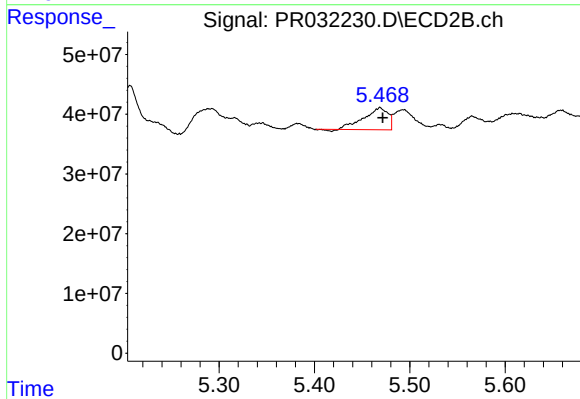
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.017 min
Response: 138657711
Conc: 48.58 ng/ml



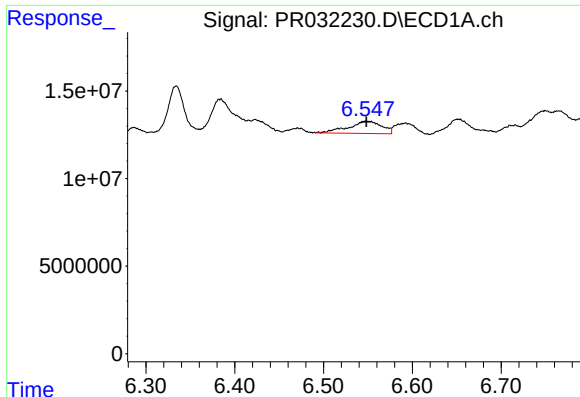
#22 AR-1248-2

R.T.: 6.548 min
Delta R.T.: 0.026 min
Response: 18361904
Conc: 14.09 ng/ml



#22 AR-1248-2

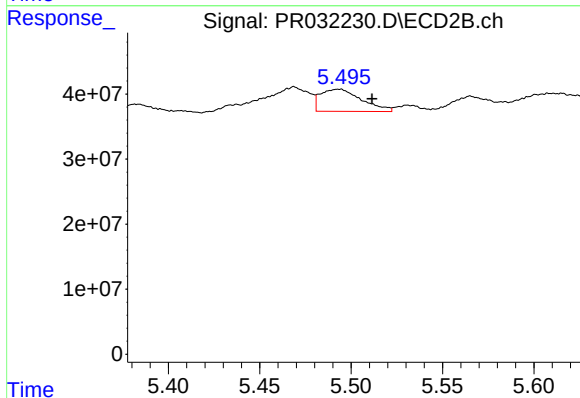
R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 64319922
Conc: 11.26 ng/ml



#23 AR-1248-3

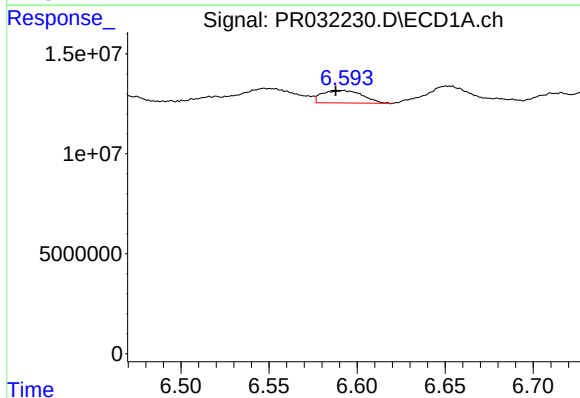
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 18361904
Conc: 10.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



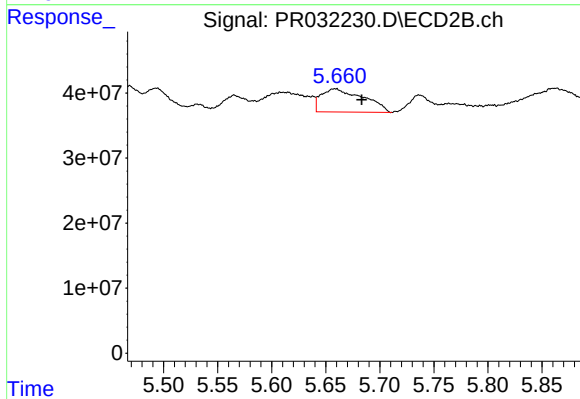
#23 AR-1248-3

R.T.: 5.493 min
Delta R.T.: -0.018 min
Response: 53197661
Conc: 12.26 ng/ml



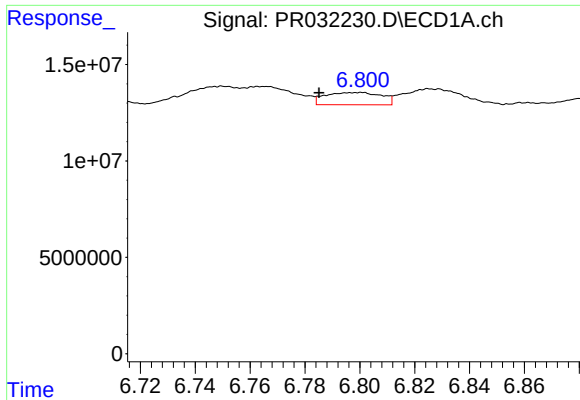
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.004 min
Response: 9838977
Conc: 5.81 ng/ml



#24 AR-1248-4

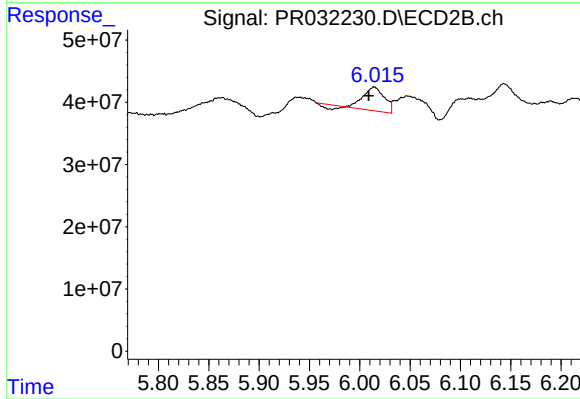
R.T.: 5.659 min
Delta R.T.: -0.025 min
Response: 97145291
Conc: 24.55 ng/ml



#25 AR-1248-5

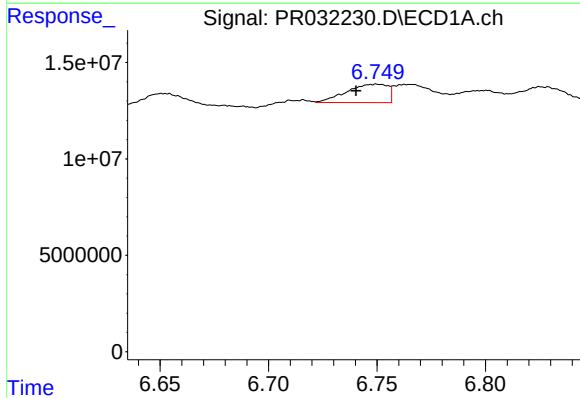
R.T.: 6.800 min
Delta R.T.: 0.015 min
Response: 9059869
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



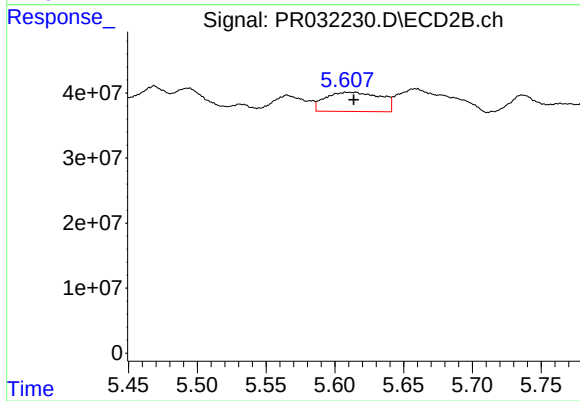
#25 AR-1248-5

R.T.: 6.014 min
Delta R.T.: 0.006 min
Response: 51211006
Conc: 20.24 ng/ml



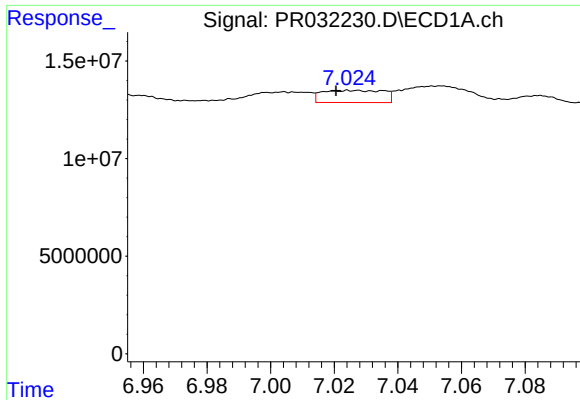
#26 AR-1254-1

R.T.: 6.750 min
Delta R.T.: 0.010 min
Response: 12513764
Conc: 8.28 ng/ml



#26 AR-1254-1

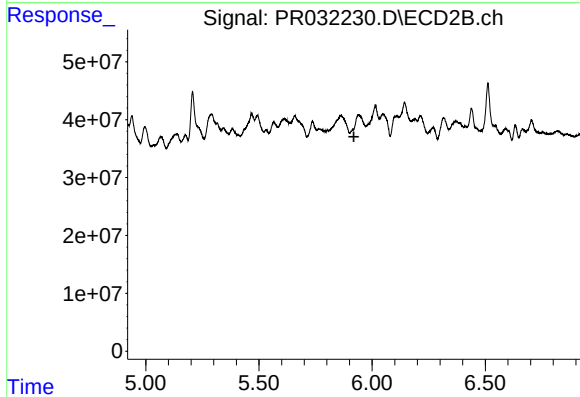
R.T.: 5.615 min
Delta R.T.: 0.001 min
Response: 82144134
Conc: 26.26 ng/ml



#27 AR-1254-2

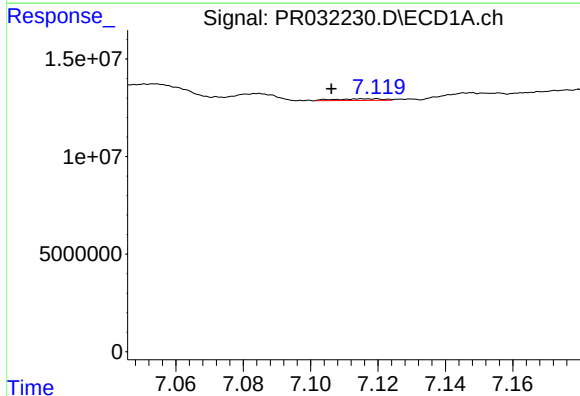
R.T.: 7.026 min
Delta R.T.: 0.006 min
Response: 8317214
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



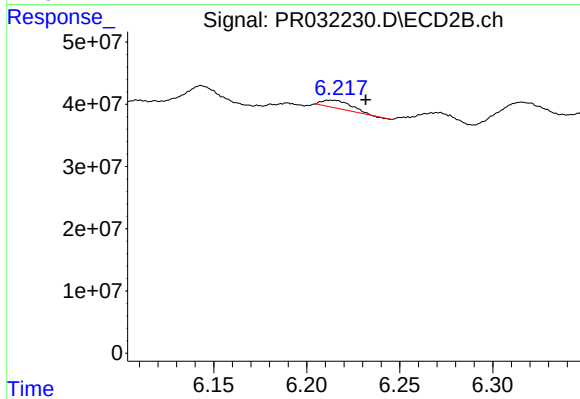
#27 AR-1254-2

R.T.: 5.939 min
Delta R.T.: 0.020 min
Response: -6550769
Conc: N.D.



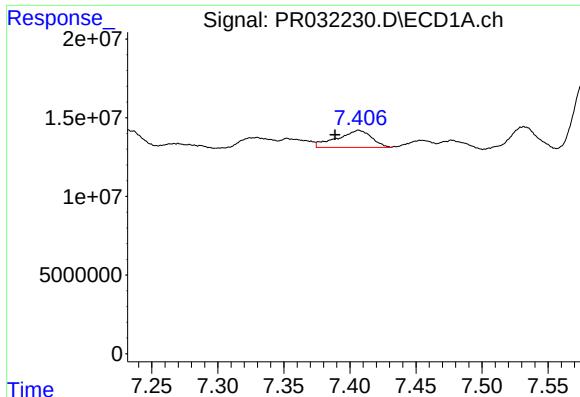
#28 AR-1254-3

R.T.: 7.118 min
Delta R.T.: 0.011 min
Response: 847386
Conc: 0.48 ng/ml



#28 AR-1254-3

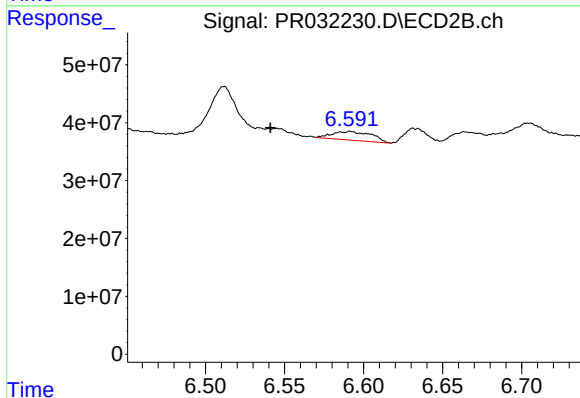
R.T.: 6.213 min
Delta R.T.: -0.019 min
Response: 13725027
Conc: 4.26 ng/ml



#29 AR-1254-4

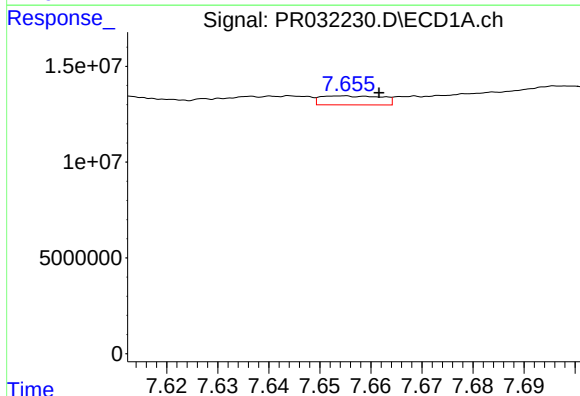
R.T.: 7.407 min
Delta R.T.: 0.018 min
Response: 19599374
Conc: 13.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



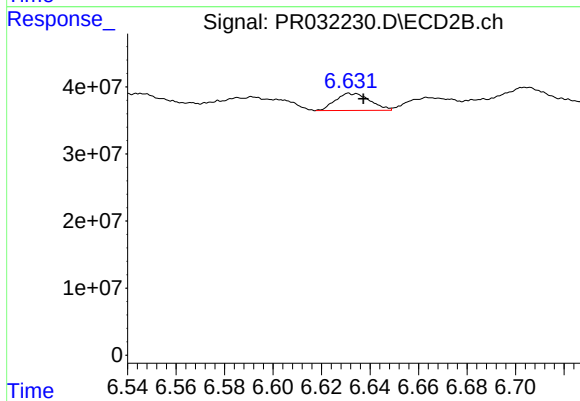
#29 AR-1254-4

R.T.: 6.592 min
Delta R.T.: 0.051 min
Response: 26201285
Conc: 13.92 ng/ml



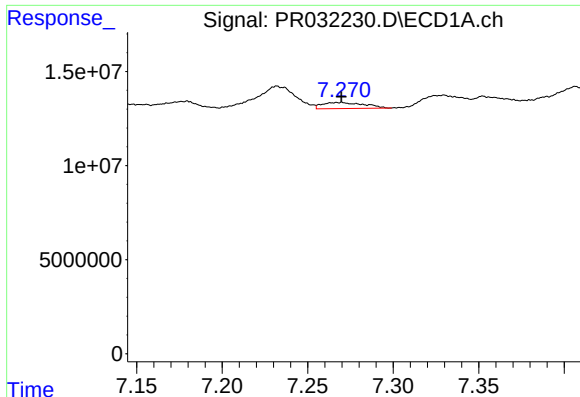
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 3918954
Conc: 4.10 ng/ml



#30 AR-1254-5

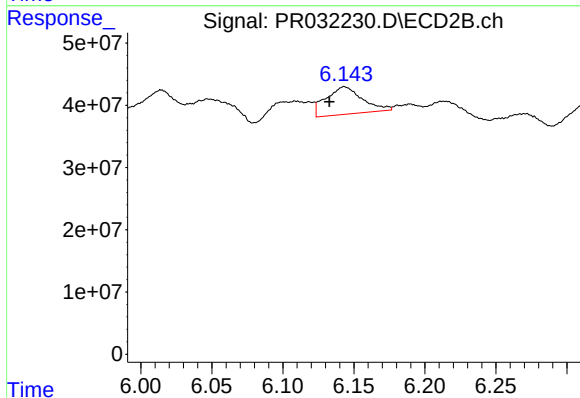
R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 25216025
Conc: 11.45 ng/ml



#31 AR-1260-1

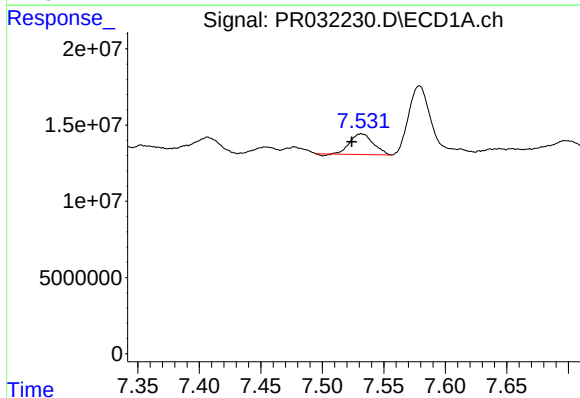
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 5498872
Conc: 4.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



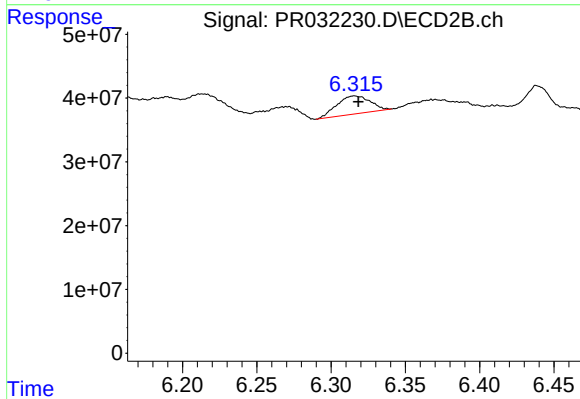
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: 0.011 min
Response: 79114494
Conc: 23.88 ng/ml



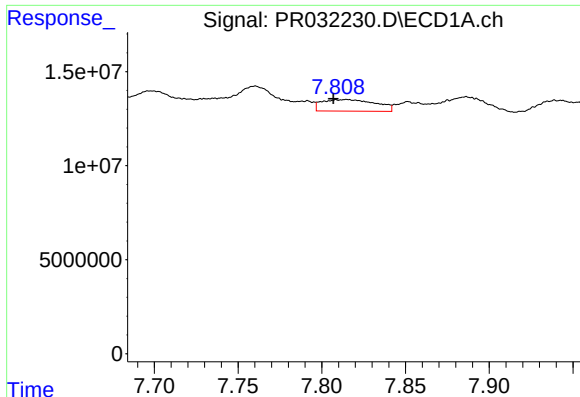
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: 0.008 min
Response: 17670050
Conc: 10.67 ng/ml



#32 AR-1260-2

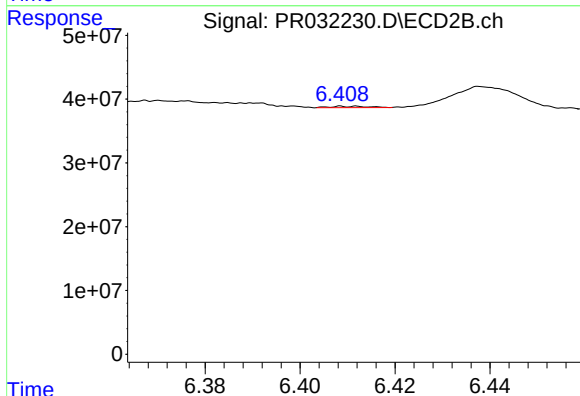
R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 44100208
Conc: 10.79 ng/ml



#33 AR-1260-3

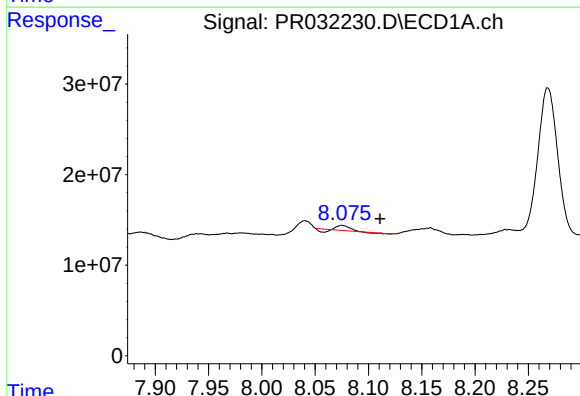
R.T.: 7.815 min
Delta R.T.: 0.008 min
Response: 13872141
Conc: 7.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



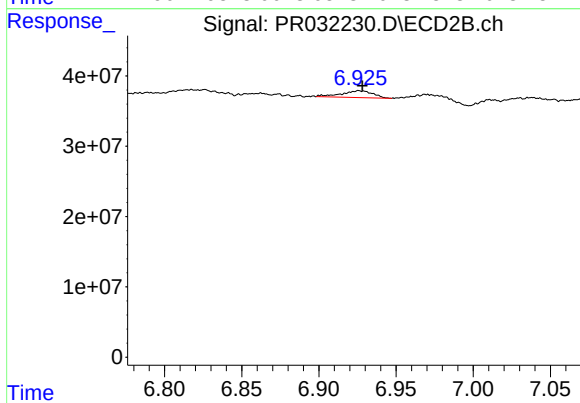
#33 AR-1260-3

R.T.: 6.411 min
Delta R.T.: -0.056 min
Response: 1160279
Conc: 0.35 ng/ml



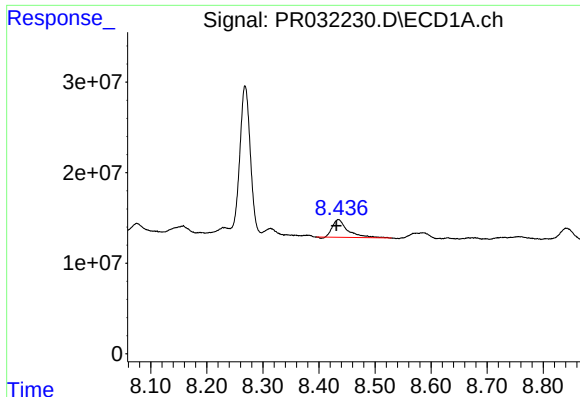
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.036 min
Response: 2423513
Conc: 1.76 ng/ml



#34 AR-1260-4

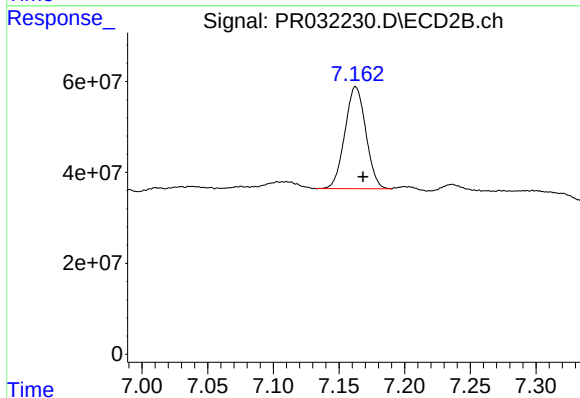
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 13612532
Conc: 6.79 ng/ml



#35 AR-1260-5

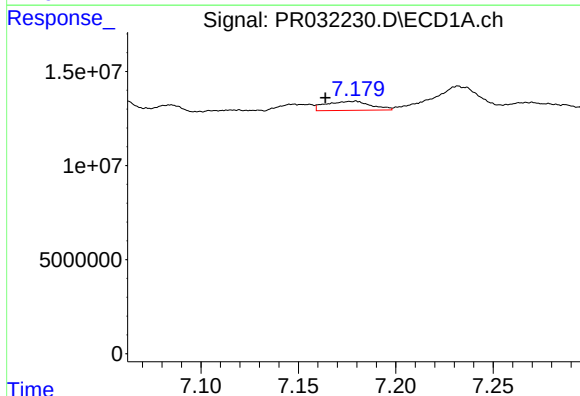
R.T.: 8.435 min
Delta R.T.: 0.004 min
Response: 36945521
Conc: 12.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



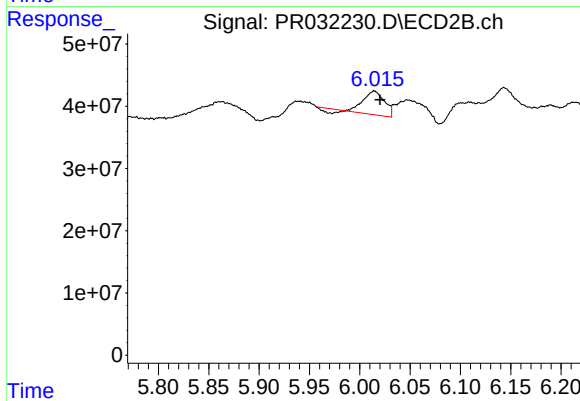
#35 AR-1260-5

R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 249182551
Conc: 61.04 ng/ml



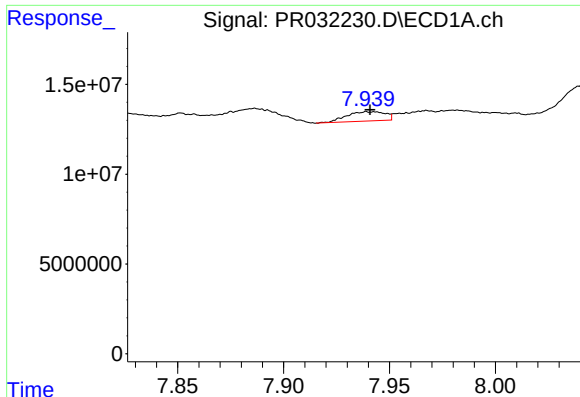
#36 AR-1262-1

R.T.: 7.179 min
Delta R.T.: 0.015 min
Response: 7763202
Conc: 10.22 ng/ml



#36 AR-1262-1

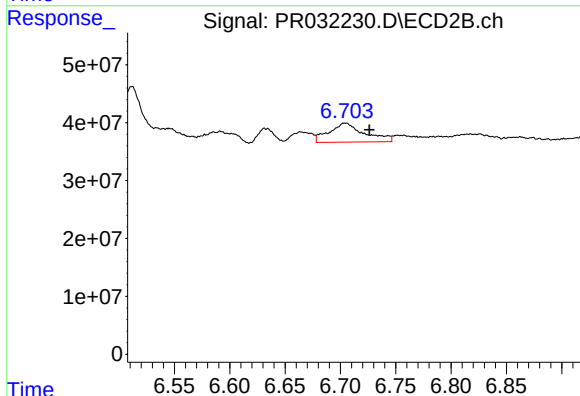
R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 51211006
Conc: 29.61 ng/ml



#37 AR-1262-2

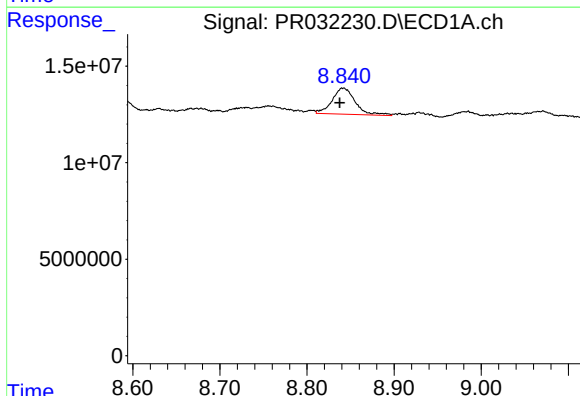
R.T.: 7.942 min
Delta R.T.: 0.002 min
Response: 6604966
Conc: 9.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



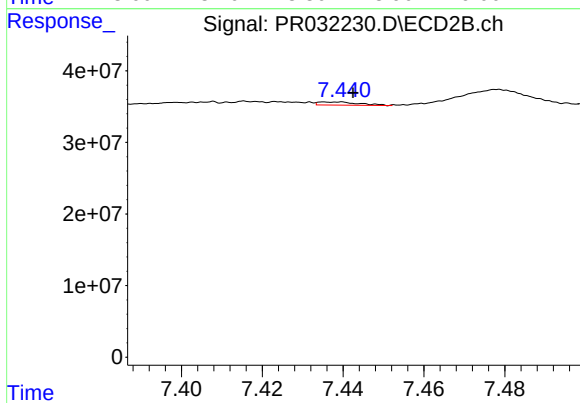
#37 AR-1262-2

R.T.: 6.704 min
Delta R.T.: -0.022 min
Response: 72897634
Conc: 51.27 ng/ml



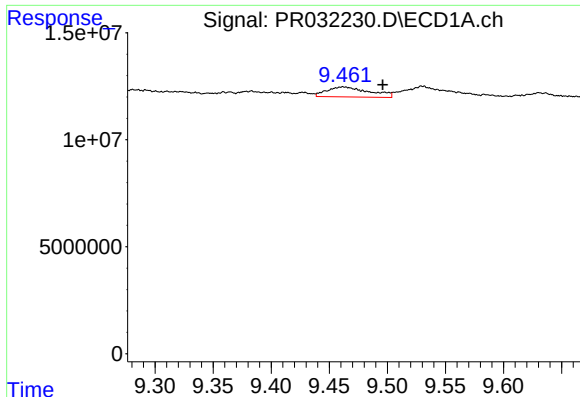
#39 AR-1262-4

R.T.: 8.841 min
Delta R.T.: 0.004 min
Response: 24963717
Conc: 13.77 ng/ml



#39 AR-1262-4

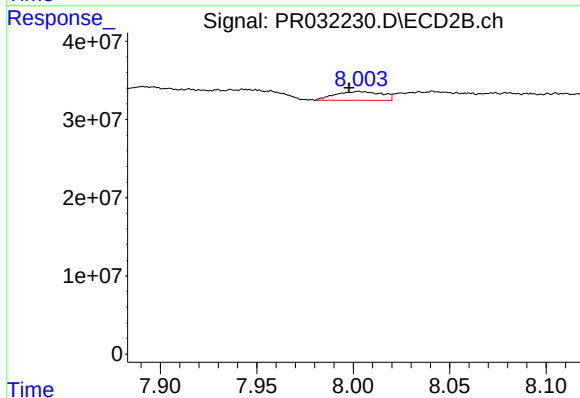
R.T.: 7.438 min
Delta R.T.: -0.004 min
Response: 3067647
Conc: 1.81 ng/ml



#40 AR-1262-5

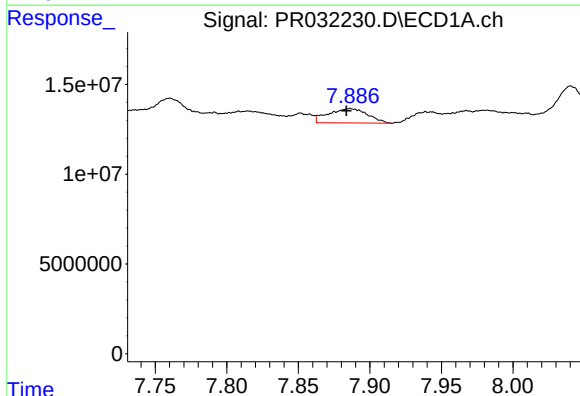
R.T.: 9.462 min
Delta R.T.: -0.034 min
Response: 11809982
Conc: 8.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



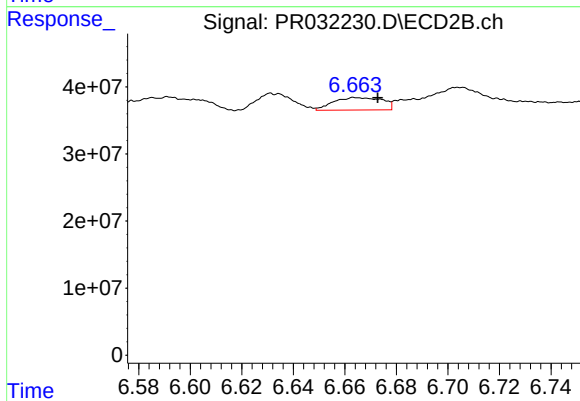
#40 AR-1262-5

R.T.: 8.003 min
Delta R.T.: 0.005 min
Response: 18852459
Conc: 17.88 ng/ml



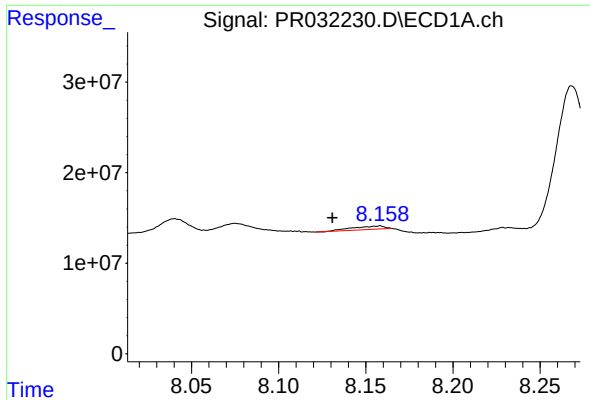
#41 AR-1268-1

R.T.: 7.886 min
Delta R.T.: 0.003 min
Response: 15260494
Conc: 21.55 ng/ml



#41 AR-1268-1

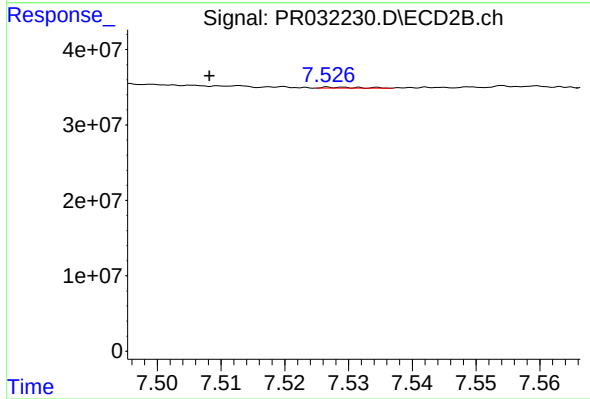
R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 24382012
Conc: 17.41 ng/ml



#42 AR-1268-2

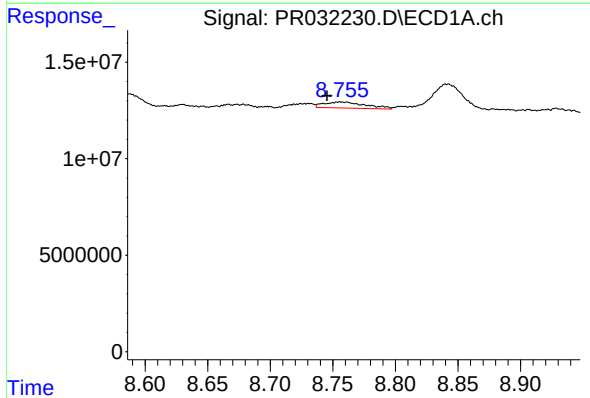
R.T.: 8.158 min
Delta R.T.: 0.027 min
Response: 4595222
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



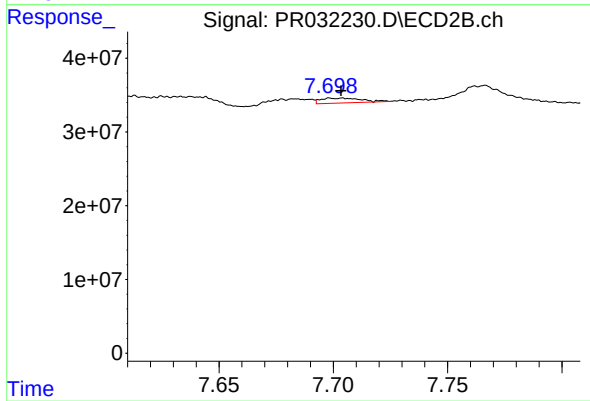
#42 AR-1268-2

R.T.: 7.529 min
Delta R.T.: 0.020 min
Response: 520785
Conc: 0.09 ng/ml



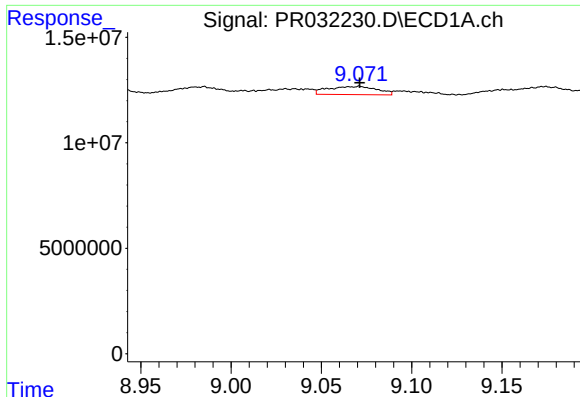
#43 AR-1268-3

R.T.: 8.756 min
Delta R.T.: 0.010 min
Response: 7240123
Conc: 1.70 ng/ml



#43 AR-1268-3

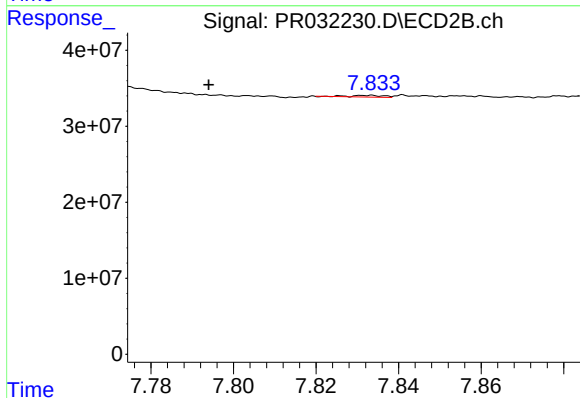
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 8057407
Conc: 2.86 ng/ml



#44 AR-1268-4

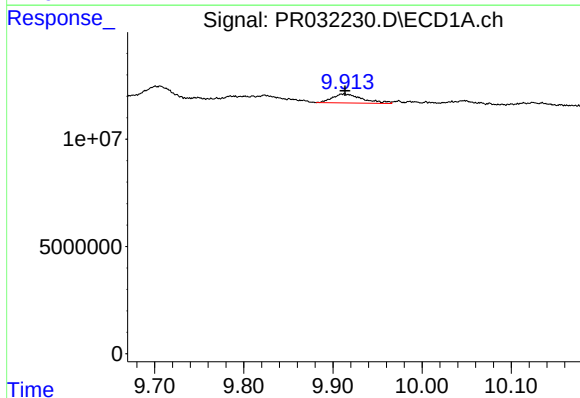
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 7335517
Conc: 2.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



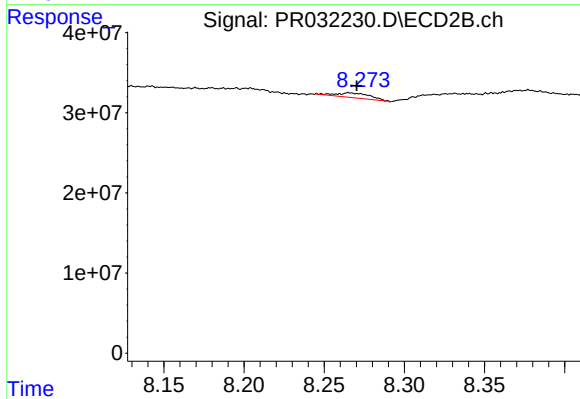
#44 AR-1268-4

R.T.: 7.826 min
Delta R.T.: 0.032 min
Response: 1200851
Conc: 1.50 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: -0.001 min
Response: 9710150
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 8.265 min
Delta R.T.: -0.005 min
Response: 8720500
Conc: 1.21 ng/ml