

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083118\
 Data File : PR031719.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 20:12
 Operator : SM\SJ
 Sample : J4729-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:44:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 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...	4.531	3.671	248.4E6	494.9E6	18.220	19.907
2)	SA Decachlor...	10.274	8.522	418.3E6	296.9E6	16.844	18.618
Target Compounds							
3)	L1 AR-1016-1	5.232	4.313	14142727	38816190	37.855	49.435 #
4)	L1 AR-1016-2	5.374	4.717	17313031	22771752	46.431	20.142 #
5)	L1 AR-1016-3	5.655	4.717	1711580	22771752	2.796	12.032 #
6)	L1 AR-1016-4	5.775	4.757	4633745	22367186	8.931	19.150 #
7)	L1 AR-1016-5	6.138	5.152	2226669	43078887	5.028	39.668 #
8)	L2 AR-1221-1	4.728	3.832	17966859	135.2E6	110.174	420.597 #
9)	L2 AR-1221-2	4.798	3.968	31585778	37988272	255.530	150.994 #
10)	L2 AR-1221-3	4.906	4.006	56700245	32278777	147.258	42.817 #
11)	L3 AR-1232-1	5.726	4.523	10854022	52448133	29.694	149.322 #
12)	L3 AR-1232-2	5.927	4.626	7700210	70178667	45.522	608.273 #
13)	L3 AR-1232-3	6.049	4.959	4944718	77584785	105.232	205.528 #
14)	L3 AR-1232-4	6.346	5.309	19825189	66588040	408.929	143.150 #
15)	L3 AR-1232-5	7.247	0.000	14501420	0	439.262	N.D. #
16)	L4 AR-1242-1	5.274	4.330	30960735	42877678	197.109	128.453 #
17)	L4 AR-1242-2	5.984	4.959	34143570	77584785	115.192	104.595
18)	L4 AR-1242-3	6.182	5.015	31157657	46006692	199.992	178.889
19)	L4 AR-1242-4	6.298	5.357	4901122	12362481	41.273	49.552
20)	L4 AR-1242-5	6.298	5.756	4901122	45773559	12.818	78.901 #
21)	L5 AR-1248-1	5.956	4.959	4409684	77584785	8.690	70.110 #
22)	L5 AR-1248-2	6.520	5.508	3959891	71865888	7.382	31.579 #
23)	L5 AR-1248-3	6.569	5.508	10679471	71865888	14.653	45.097 #
24)	L5 AR-1248-4	6.609	5.675	9509874	57200590	13.783	39.656 #
25)	L5 AR-1248-5	6.815	6.027	13592599	32280643	28.731	31.020
26)	L6 AR-1254-1	6.763	5.638	11444888	72062513	8.643	28.276 #
27)	L6 AR-1254-2	7.041	5.968	9819832	53865270	11.822	29.541 #
28)	L6 AR-1254-3	7.155	6.294	11494129	28788788	7.749	8.780
29)	L6 AR-1254-4	7.414	6.491	20505801	6104766	17.118	4.101 #
30)	L6 AR-1254-5	7.652	6.651	8667636	13401071	10.002	6.362 #
31)	L7 AR-1260-1	7.247	6.163	14501420	91158130	14.445	40.150 #
32)	L7 AR-1260-2	7.546	6.335	7003084	35584794	5.289	12.768 #
33)	L7 AR-1260-3	7.773	6.491	12166735	6104766	7.882	2.720 #
34)	L7 AR-1260-4	8.086	0.000	6725434	0	5.991	N.D. #
35)	L7 AR-1260-5	8.450	7.254	23527818	21957549	9.079	7.461
36)	L8 AR-1262-1	7.191	6.027	3234442	32280643	5.465	22.739 #
37)	L8 AR-1262-2	7.953	6.758	3285620	9685829	5.609	9.028 #
38)	L8 AR-1262-3	8.237	7.037	12362430	9774681	23.864	11.701 #
39)	L8 AR-1262-4	8.857	7.445	24775506	32856877	16.189	28.282 #
40)	L8 AR-1262-5	9.547	0.000	6692285	0	5.956	N.D. #
41)	L9 AR-1268-1	7.907	6.687	4811393	6536059	8.302	6.303

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 ALS Vial : 16 Sample Multiplier: 1

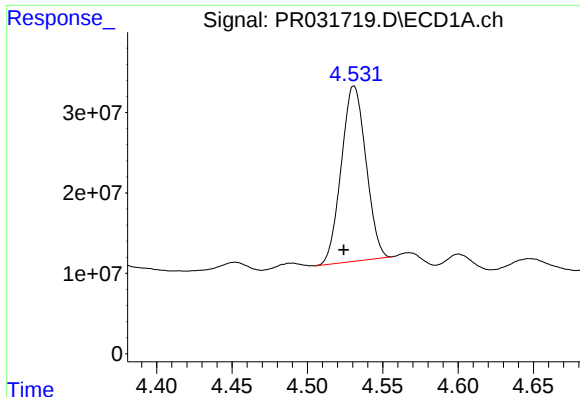
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:44:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
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 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	8.171	7.496	18611398	33336327	23.018	13.035 #
45) L9	AR-1268-5	9.938	0.000	4104919	0	0.466	N.D. #

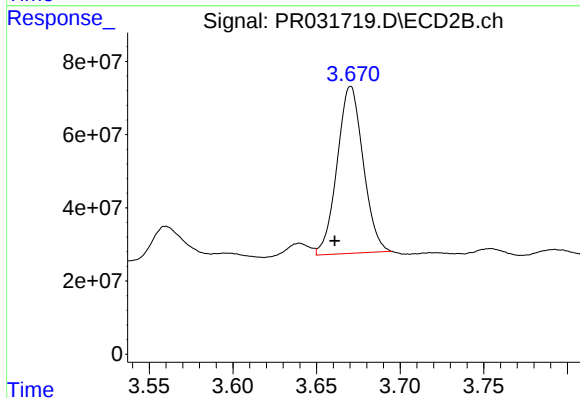
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

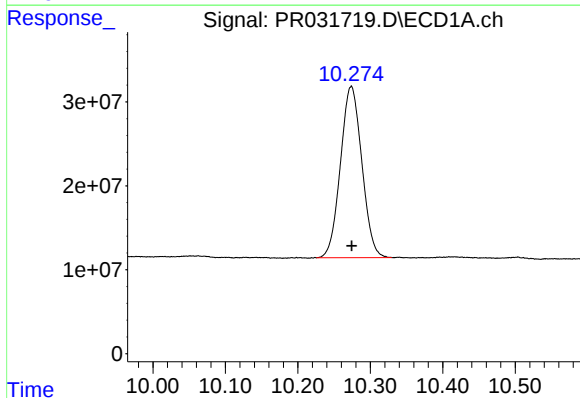
R.T.: 4.531 min
Delta R.T.: 0.007 min
Response: 248356515
Conc: 18.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



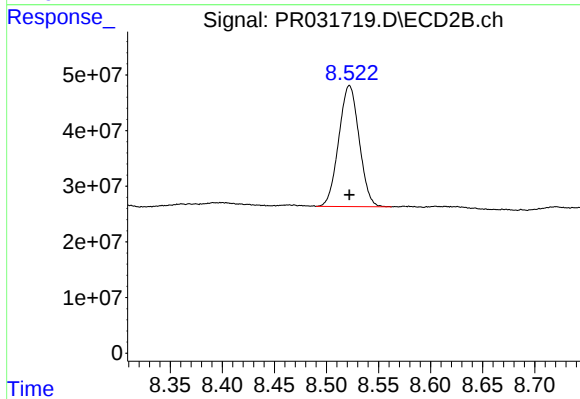
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: 0.010 min
Response: 494908704
Conc: 19.91 ng/ml



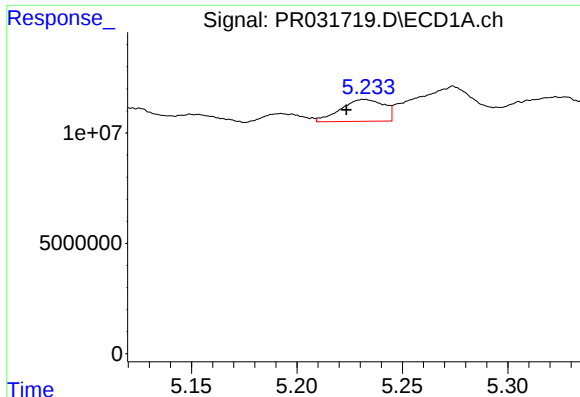
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 418327347
Conc: 16.84 ng/ml



#2 Decachlorobiphenyl

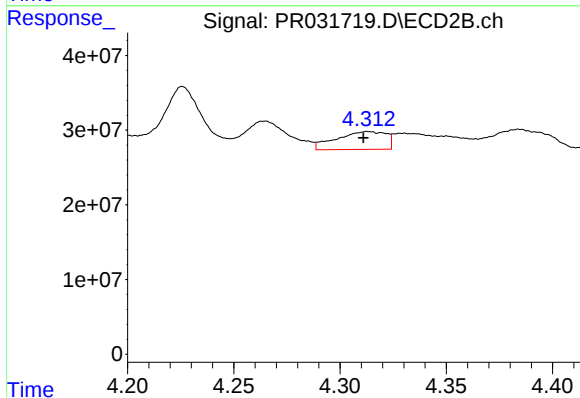
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 296916795
Conc: 18.62 ng/ml



#3 AR-1016-1

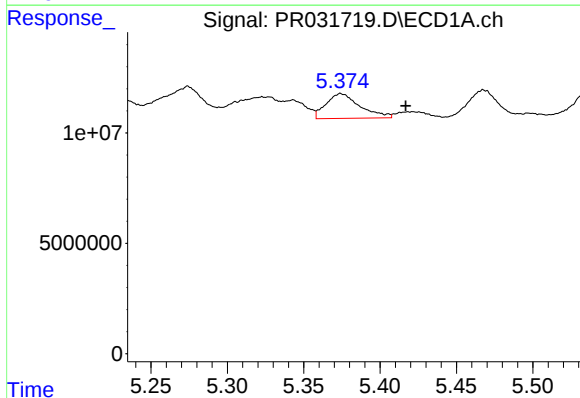
R.T.: 5.232 min
Delta R.T.: 0.009 min
Response: 14142727
Conc: 37.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



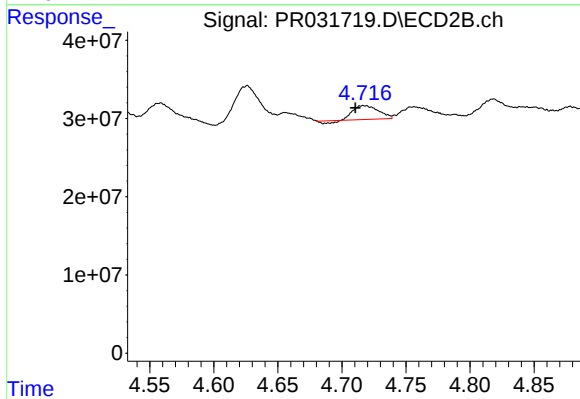
#3 AR-1016-1

R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 38816190
Conc: 49.43 ng/ml



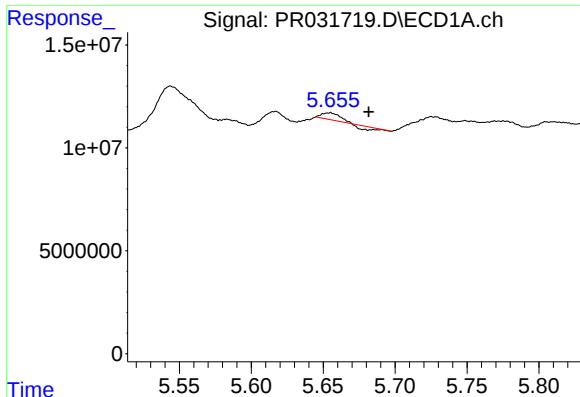
#4 AR-1016-2

R.T.: 5.374 min
Delta R.T.: -0.042 min
Response: 17313031
Conc: 46.43 ng/ml



#4 AR-1016-2

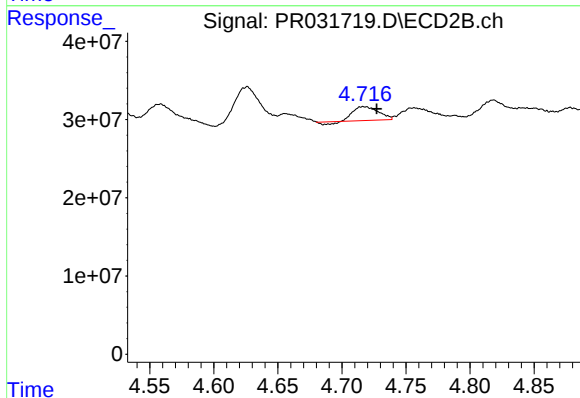
R.T.: 4.717 min
Delta R.T.: 0.006 min
Response: 22771752
Conc: 20.14 ng/ml



#5 AR-1016-3

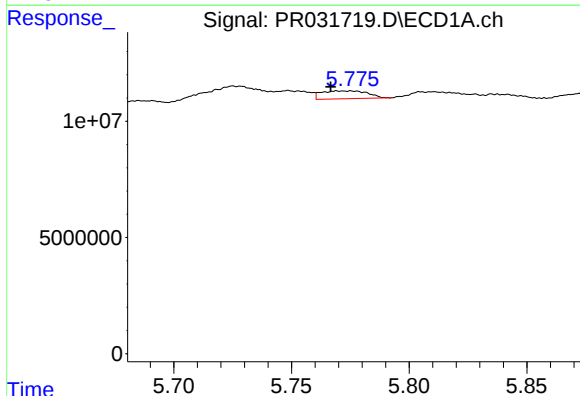
R.T.: 5.655 min
Delta R.T.: -0.027 min
Response: 1711580
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



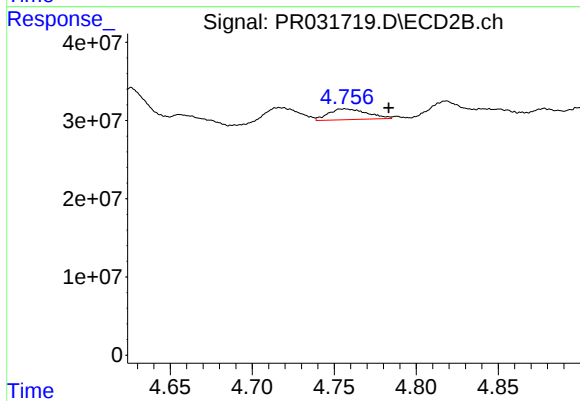
#5 AR-1016-3

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 22771752
Conc: 12.03 ng/ml



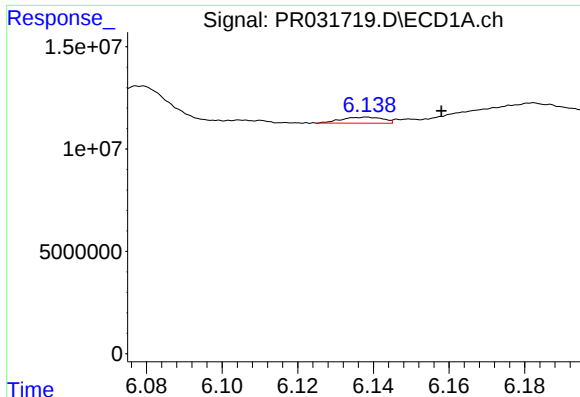
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: 0.008 min
Response: 4633745
Conc: 8.93 ng/ml



#6 AR-1016-4

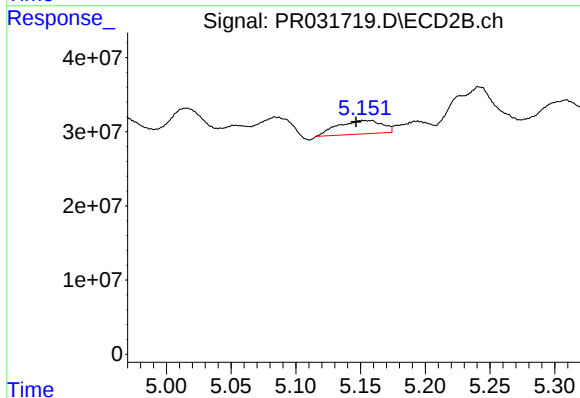
R.T.: 4.757 min
Delta R.T.: -0.027 min
Response: 22367186
Conc: 19.15 ng/ml



#7 AR-1016-5

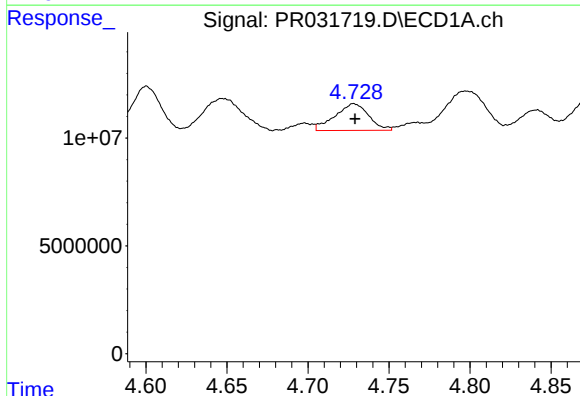
R.T.: 6.138 min
Delta R.T.: -0.020 min
Response: 2226669
Conc: 5.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



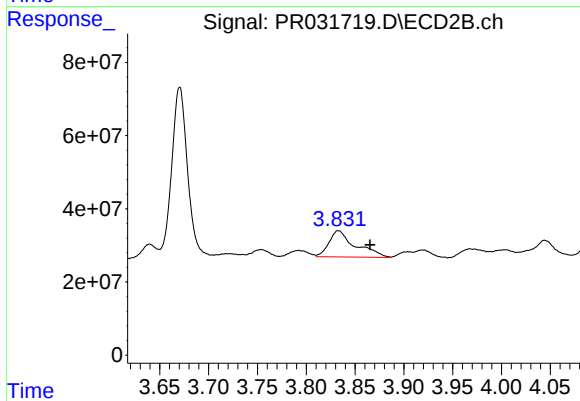
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: 0.005 min
Response: 43078887
Conc: 39.67 ng/ml



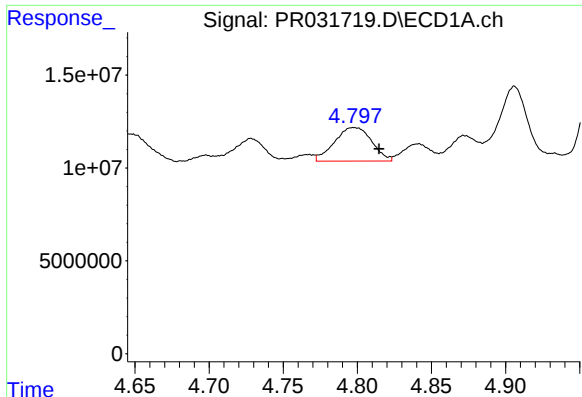
#8 AR-1221-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 17966859
Conc: 110.17 ng/ml



#8 AR-1221-1

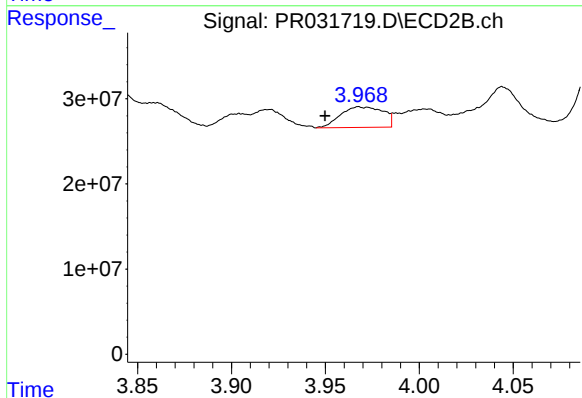
R.T.: 3.832 min
Delta R.T.: -0.033 min
Response: 135234711
Conc: 420.60 ng/ml



#9 AR-1221-2

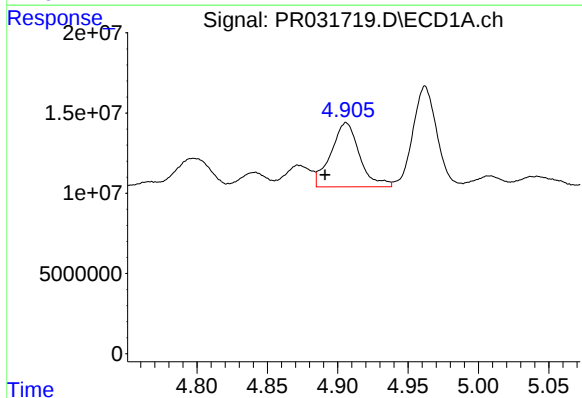
R.T.: 4.798 min
Delta R.T.: -0.017 min
Response: 31585778
Conc: 255.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



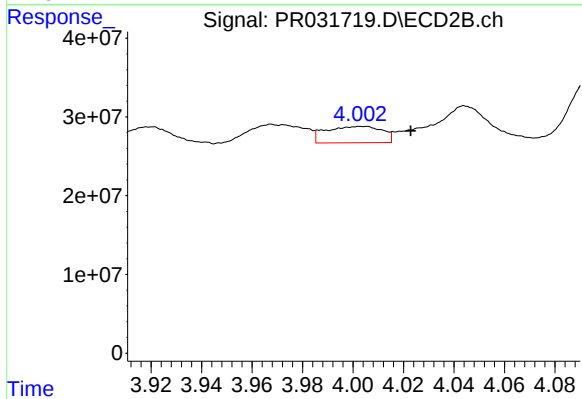
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: 0.018 min
Response: 37988272
Conc: 150.99 ng/ml



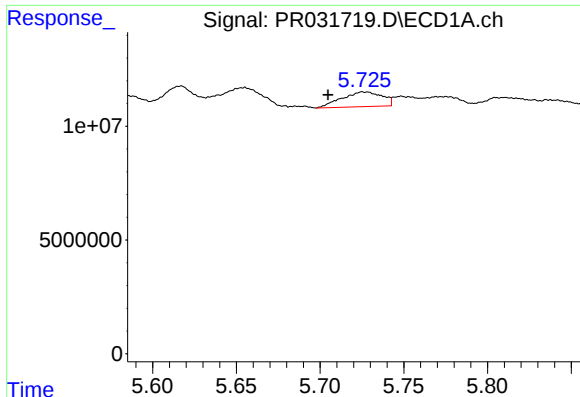
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: 0.015 min
Response: 56700245
Conc: 147.26 ng/ml



#10 AR-1221-3

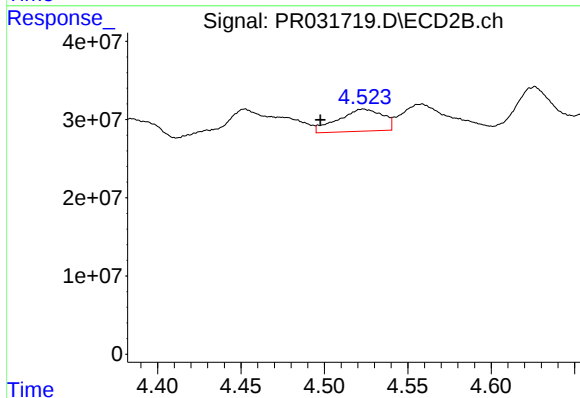
R.T.: 4.006 min
Delta R.T.: -0.017 min
Response: 32278777
Conc: 42.82 ng/ml



#11 AR-1232-1

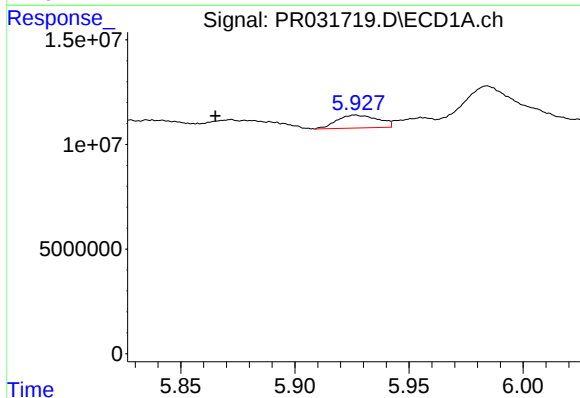
R.T.: 5.726 min
Delta R.T.: 0.021 min
Response: 10854022
Conc: 29.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



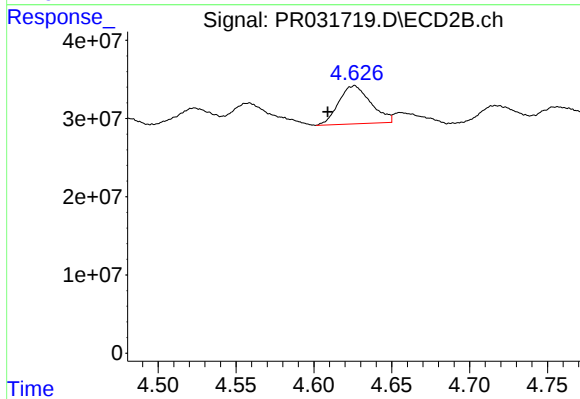
#11 AR-1232-1

R.T.: 4.523 min
Delta R.T.: 0.026 min
Response: 52448133
Conc: 149.32 ng/ml



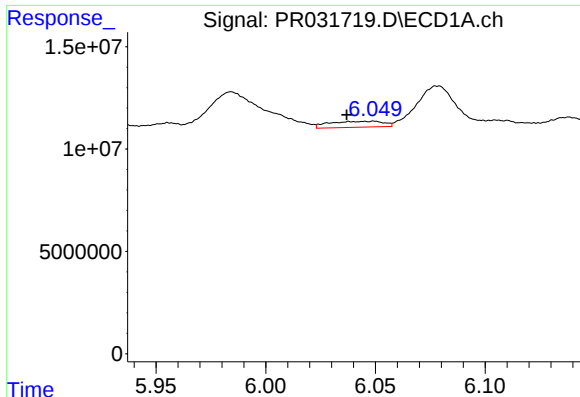
#12 AR-1232-2

R.T.: 5.927 min
Delta R.T.: 0.061 min
Response: 7700210
Conc: 45.52 ng/ml



#12 AR-1232-2

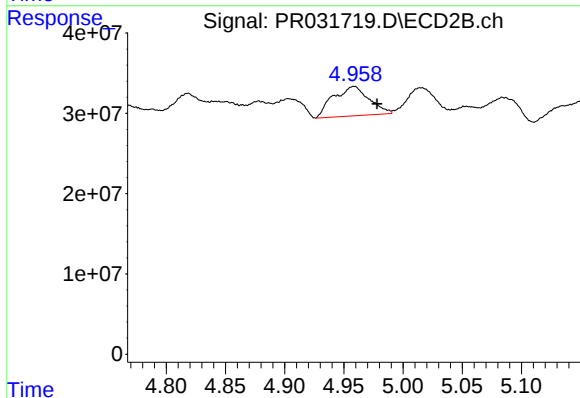
R.T.: 4.626 min
Delta R.T.: 0.017 min
Response: 70178667
Conc: 608.27 ng/ml



#13 AR-1232-3

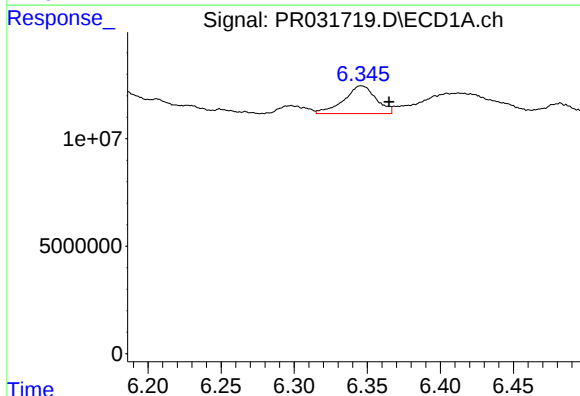
R.T.: 6.049 min
Delta R.T.: 0.012 min
Response: 4944718
Conc: 105.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



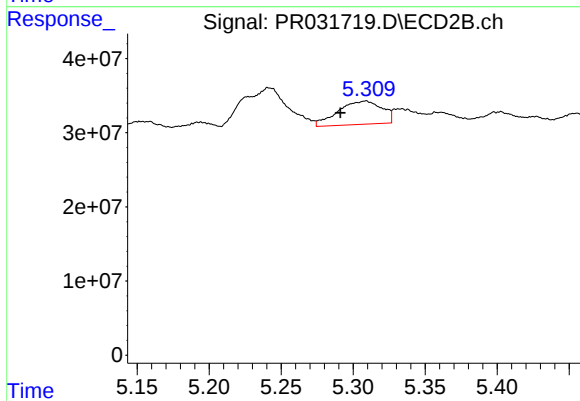
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: -0.019 min
Response: 77584785
Conc: 205.53 ng/ml



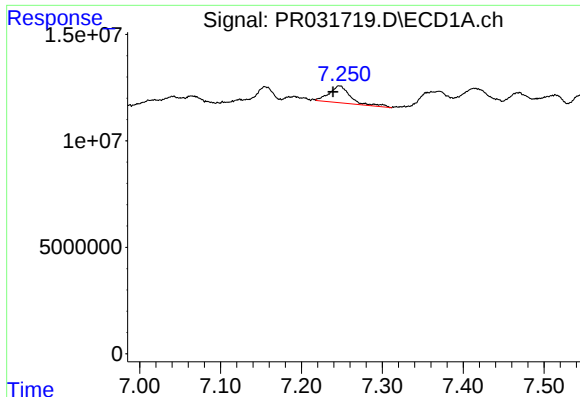
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: -0.019 min
Response: 19825189
Conc: 408.93 ng/ml



#14 AR-1232-4

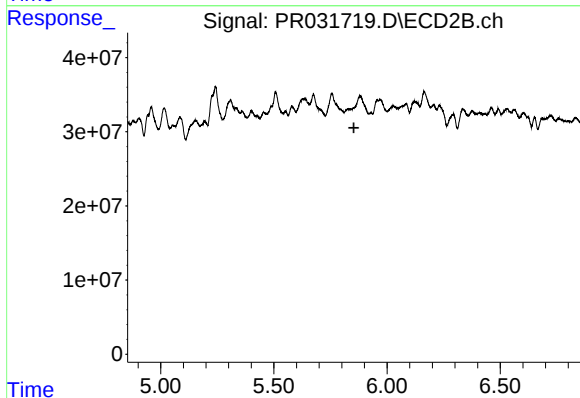
R.T.: 5.309 min
Delta R.T.: 0.018 min
Response: 66588040
Conc: 143.15 ng/ml



#15 AR-1232-5

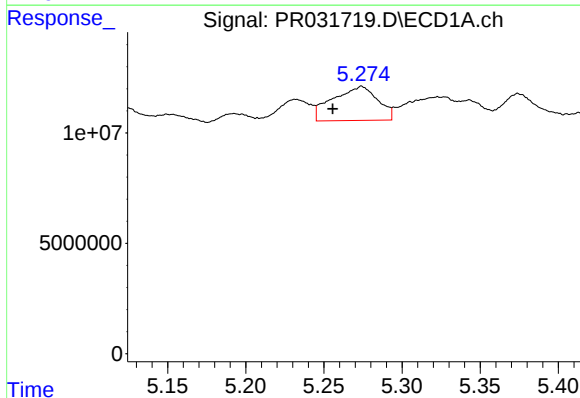
R.T.: 7.247 min
Delta R.T.: 0.008 min
Response: 14501420
Conc: 439.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



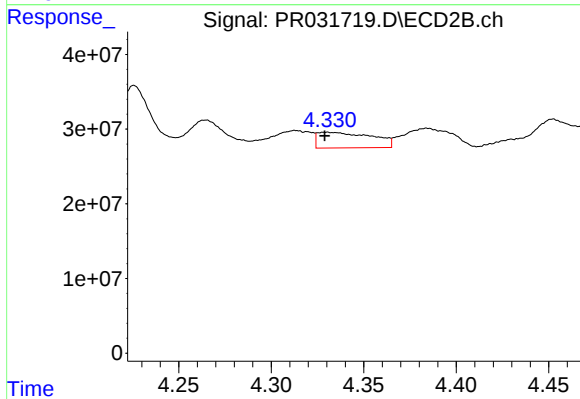
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



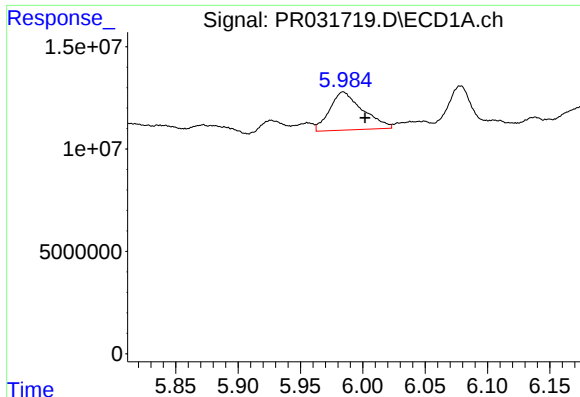
#16 AR-1242-1

R.T.: 5.274 min
Delta R.T.: 0.019 min
Response: 30960735
Conc: 197.11 ng/ml



#16 AR-1242-1

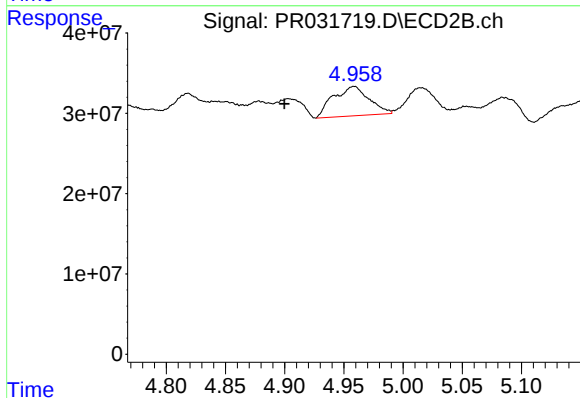
R.T.: 4.330 min
Delta R.T.: 0.001 min
Response: 42877678
Conc: 128.45 ng/ml



#17 AR-1242-2

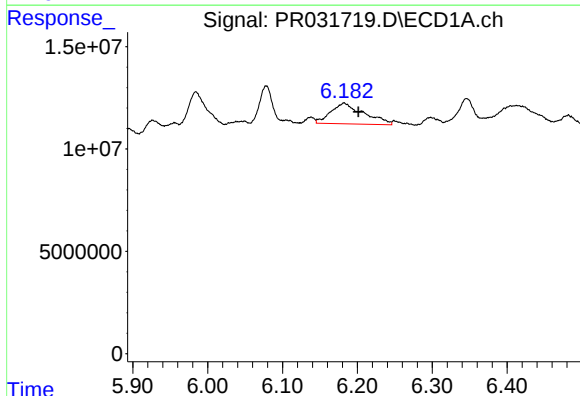
R.T.: 5.984 min
Delta R.T.: -0.017 min
Response: 34143570
Conc: 115.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



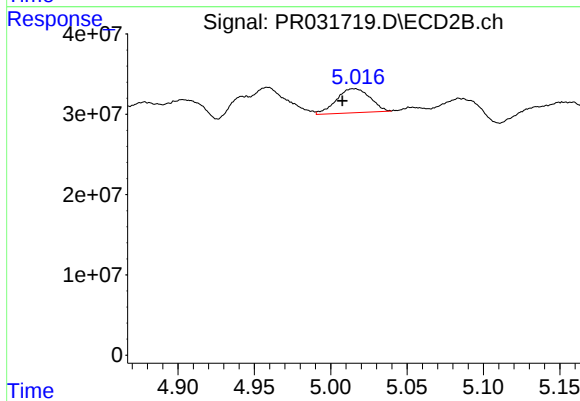
#17 AR-1242-2

R.T.: 4.959 min
Delta R.T.: 0.059 min
Response: 77584785
Conc: 104.59 ng/ml



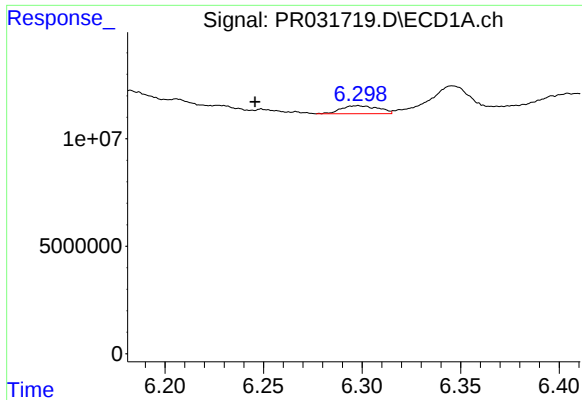
#18 AR-1242-3

R.T.: 6.182 min
Delta R.T.: -0.019 min
Response: 31157657
Conc: 199.99 ng/ml



#18 AR-1242-3

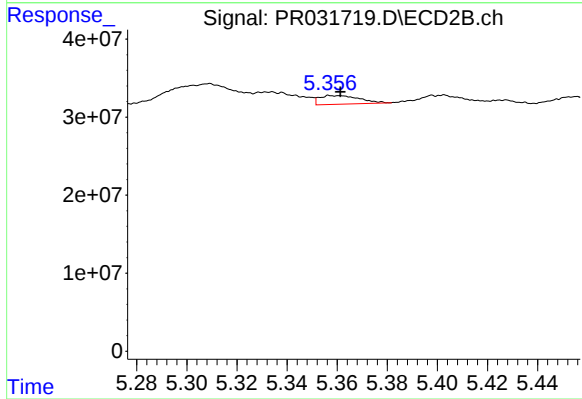
R.T.: 5.015 min
Delta R.T.: 0.007 min
Response: 46006692
Conc: 178.89 ng/ml



#19 AR-1242-4

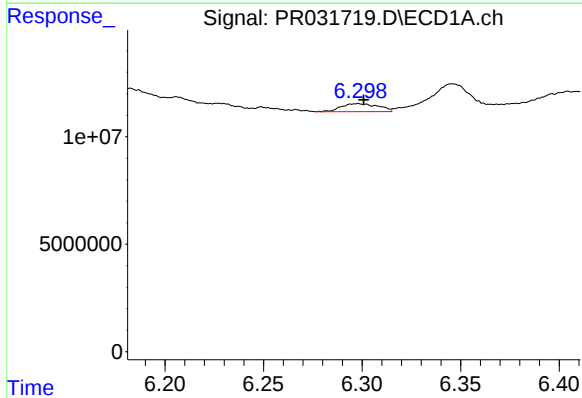
R.T.: 6.298 min
Delta R.T.: 0.052 min
Response: 4901122
Conc: 41.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



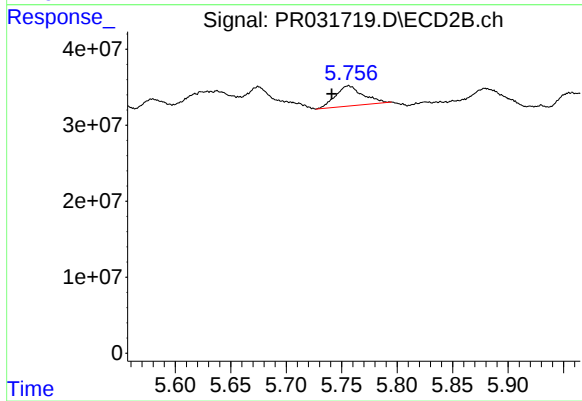
#19 AR-1242-4

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 12362481
Conc: 49.55 ng/ml



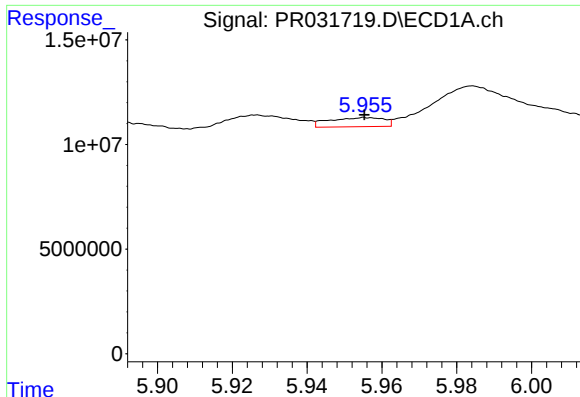
#20 AR-1242-5

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 4901122
Conc: 12.82 ng/ml



#20 AR-1242-5

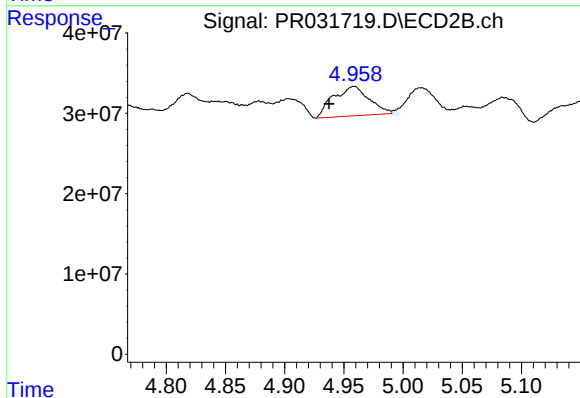
R.T.: 5.756 min
Delta R.T.: 0.015 min
Response: 45773559
Conc: 78.90 ng/ml



#21 AR-1248-1

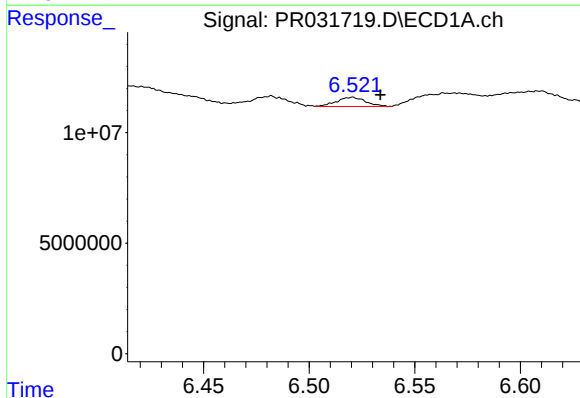
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 4409684
Conc: 8.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



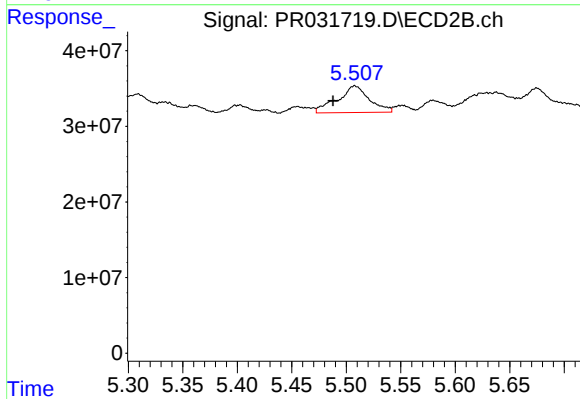
#21 AR-1248-1

R.T.: 4.959 min
Delta R.T.: 0.021 min
Response: 77584785
Conc: 70.11 ng/ml



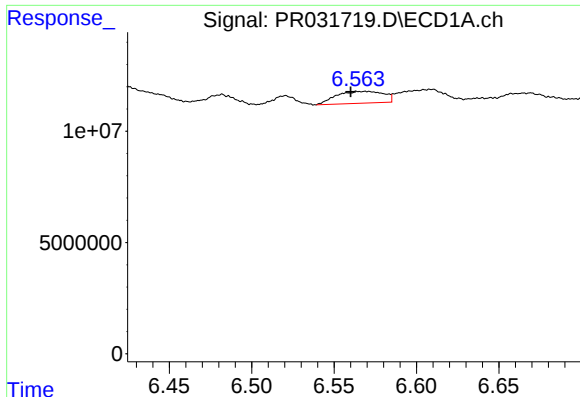
#22 AR-1248-2

R.T.: 6.520 min
Delta R.T.: -0.013 min
Response: 3959891
Conc: 7.38 ng/ml



#22 AR-1248-2

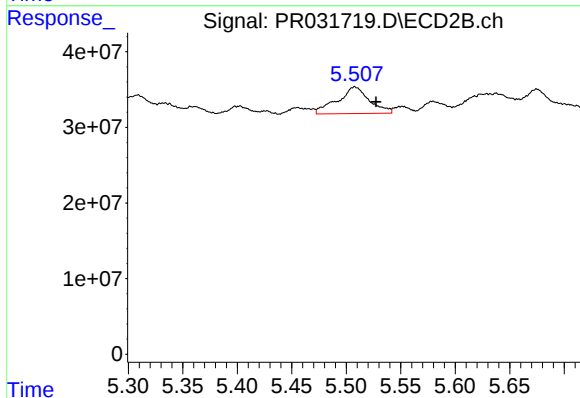
R.T.: 5.508 min
Delta R.T.: 0.020 min
Response: 71865888
Conc: 31.58 ng/ml



#23 AR-1248-3

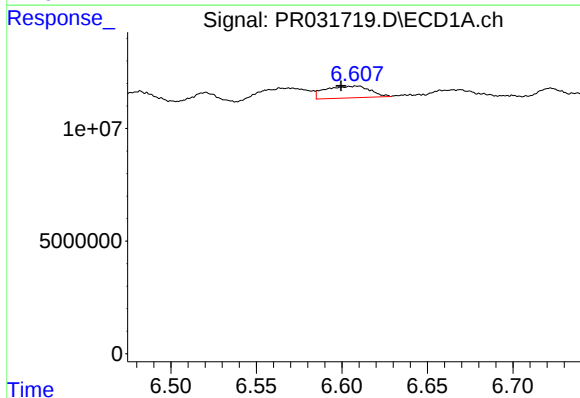
R.T.: 6.569 min
Delta R.T.: 0.009 min
Response: 10679471
Conc: 14.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



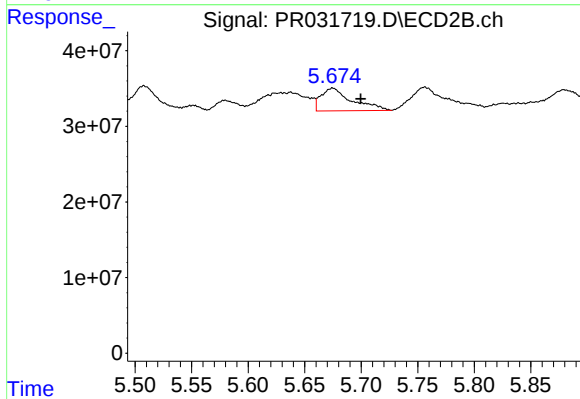
#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.020 min
Response: 71865888
Conc: 45.10 ng/ml



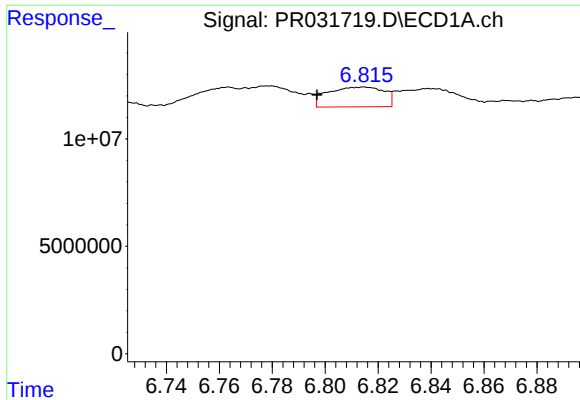
#24 AR-1248-4

R.T.: 6.609 min
Delta R.T.: 0.010 min
Response: 9509874
Conc: 13.78 ng/ml



#24 AR-1248-4

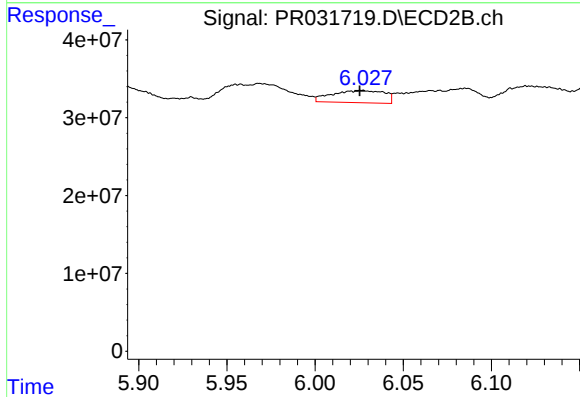
R.T.: 5.675 min
Delta R.T.: -0.025 min
Response: 57200590
Conc: 39.66 ng/ml



#25 AR-1248-5

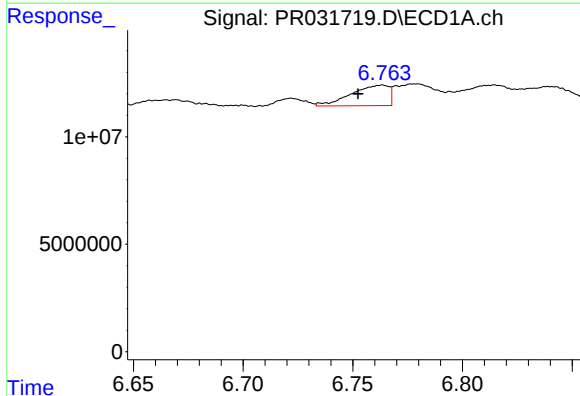
R.T.: 6.815 min
Delta R.T.: 0.018 min
Response: 13592599
Conc: 28.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



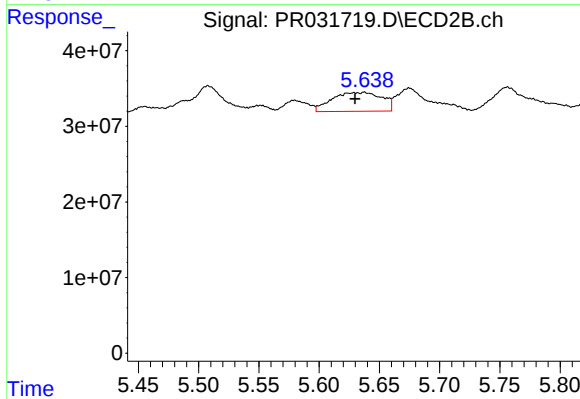
#25 AR-1248-5

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 32280643
Conc: 31.02 ng/ml



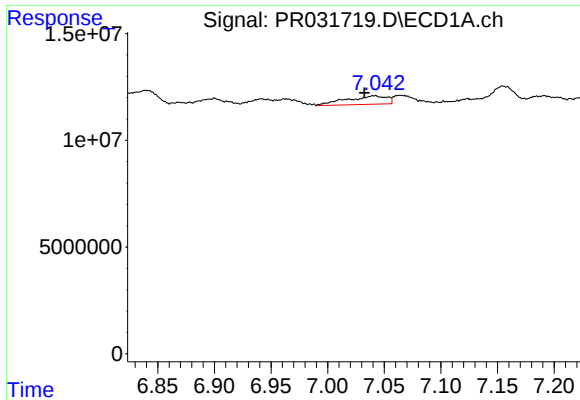
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.011 min
Response: 11444888
Conc: 8.64 ng/ml



#26 AR-1254-1

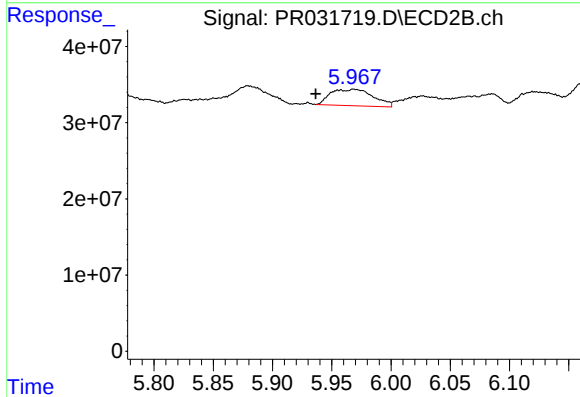
R.T.: 5.638 min
Delta R.T.: 0.008 min
Response: 72062513
Conc: 28.28 ng/ml



#27 AR-1254-2

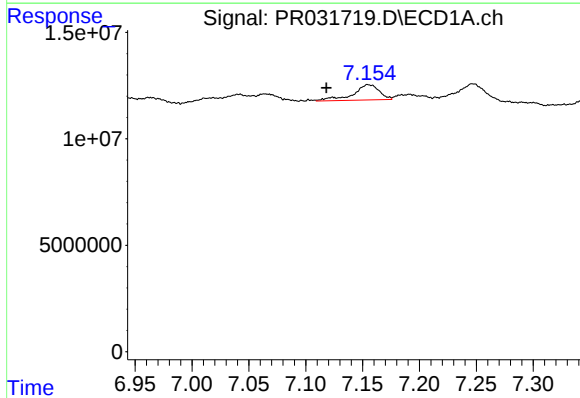
R.T.: 7.041 min
Delta R.T.: 0.009 min
Response: 9819832
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



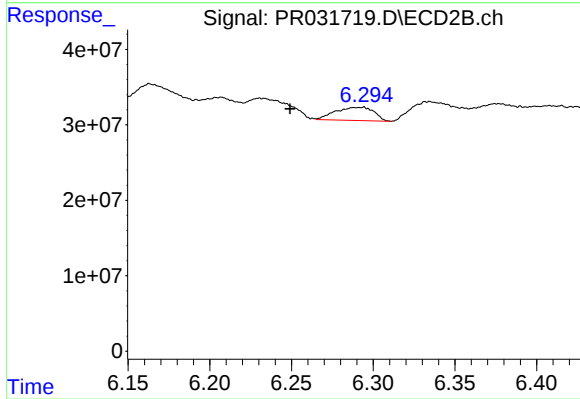
#27 AR-1254-2

R.T.: 5.968 min
Delta R.T.: 0.032 min
Response: 53865270
Conc: 29.54 ng/ml



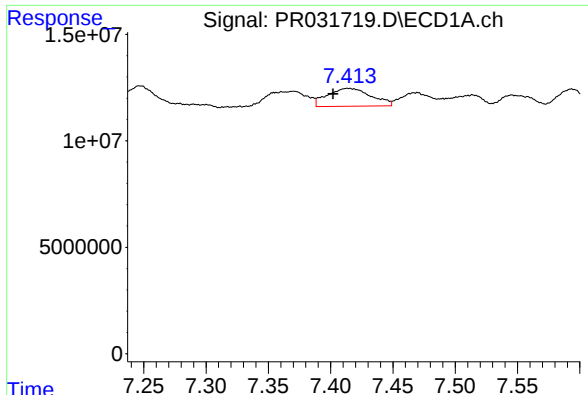
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: 0.037 min
Response: 11494129
Conc: 7.75 ng/ml



#28 AR-1254-3

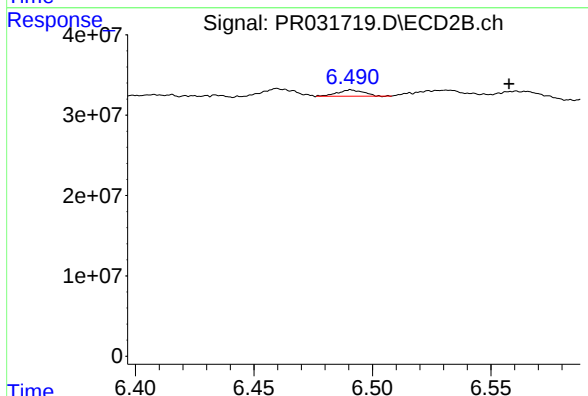
R.T.: 6.294 min
Delta R.T.: 0.045 min
Response: 28788788
Conc: 8.78 ng/ml



#29 AR-1254-4

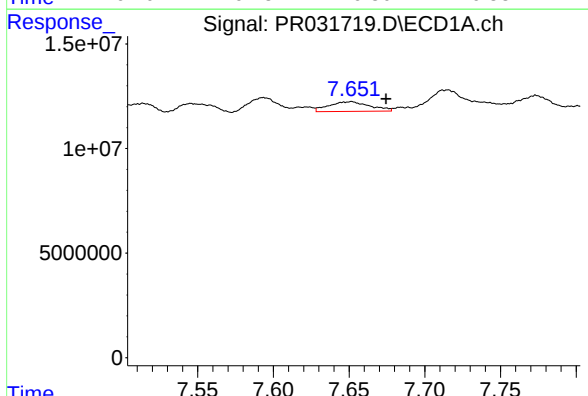
R.T.: 7.414 min
Delta R.T.: 0.012 min
Response: 20505801
Conc: 17.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



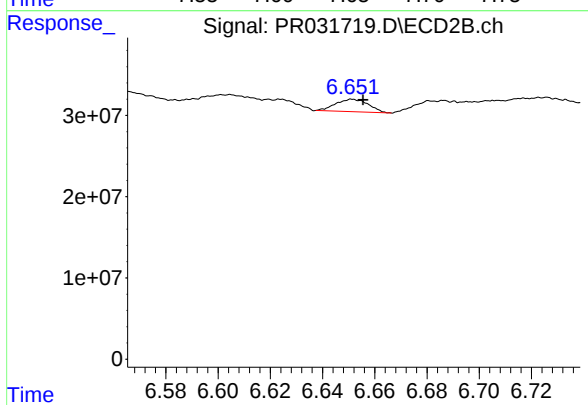
#29 AR-1254-4

R.T.: 6.491 min
Delta R.T.: -0.067 min
Response: 6104766
Conc: 4.10 ng/ml



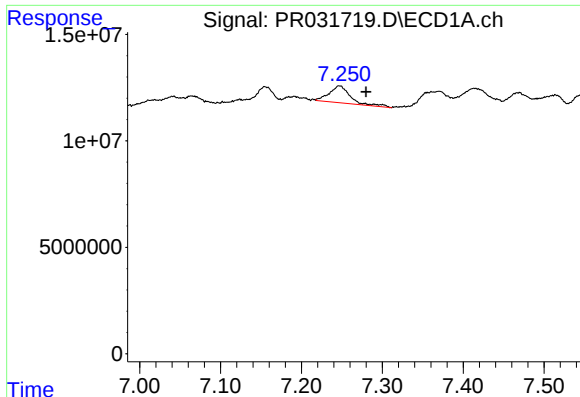
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.023 min
Response: 8667636
Conc: 10.00 ng/ml



#30 AR-1254-5

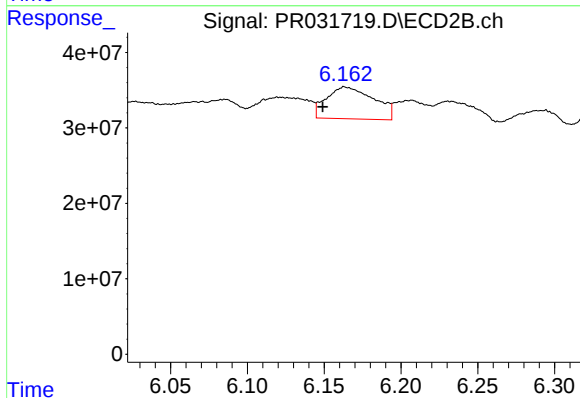
R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 13401071
Conc: 6.36 ng/ml



#31 AR-1260-1

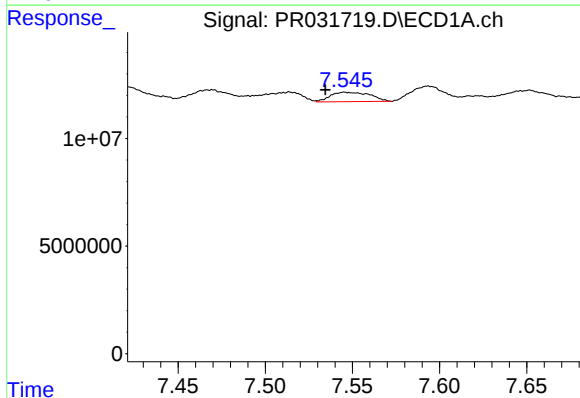
R.T.: 7.247 min
Delta R.T.: -0.033 min
Response: 14501420
Conc: 14.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



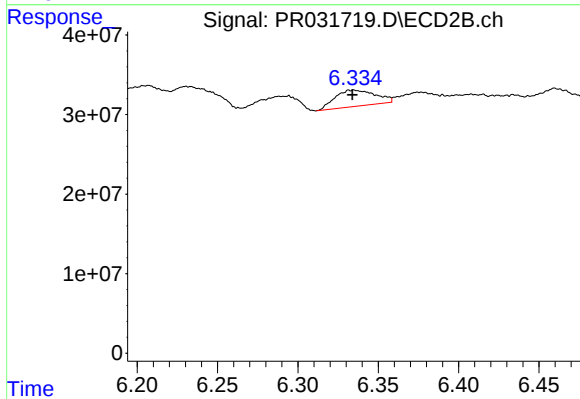
#31 AR-1260-1

R.T.: 6.163 min
Delta R.T.: 0.014 min
Response: 91158130
Conc: 40.15 ng/ml



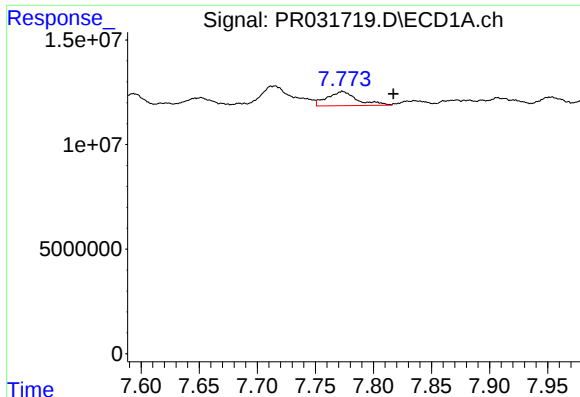
#32 AR-1260-2

R.T.: 7.546 min
Delta R.T.: 0.011 min
Response: 7003084
Conc: 5.29 ng/ml



#32 AR-1260-2

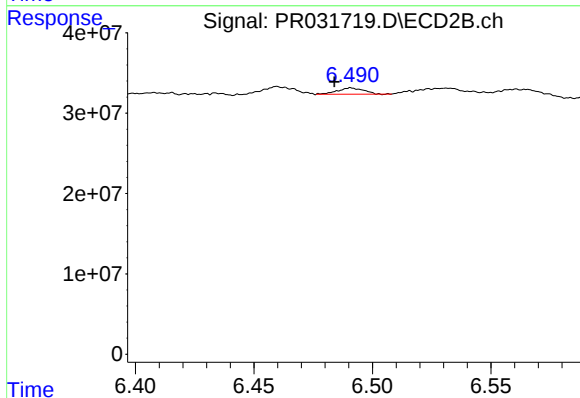
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 35584794
Conc: 12.77 ng/ml



#33 AR-1260-3

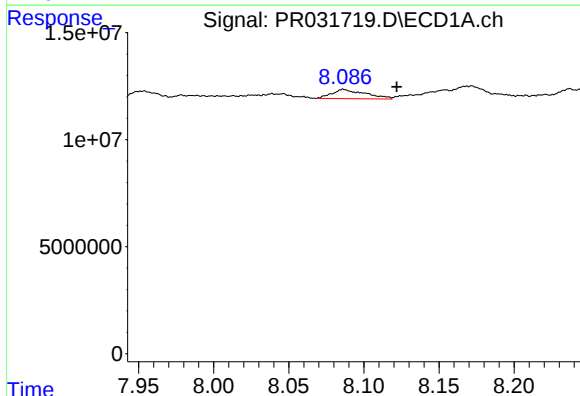
R.T.: 7.773 min
Delta R.T.: -0.044 min
Response: 12166735
Conc: 7.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



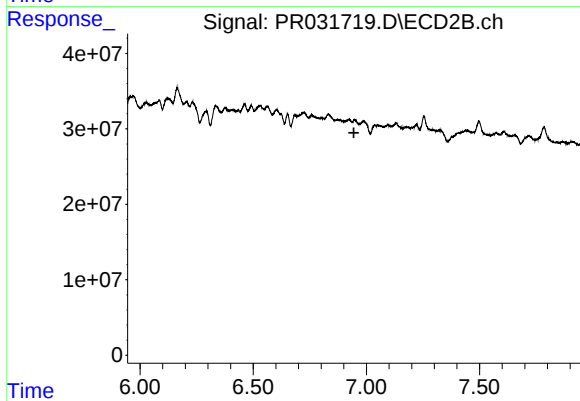
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: 0.007 min
Response: 6104766
Conc: 2.72 ng/ml



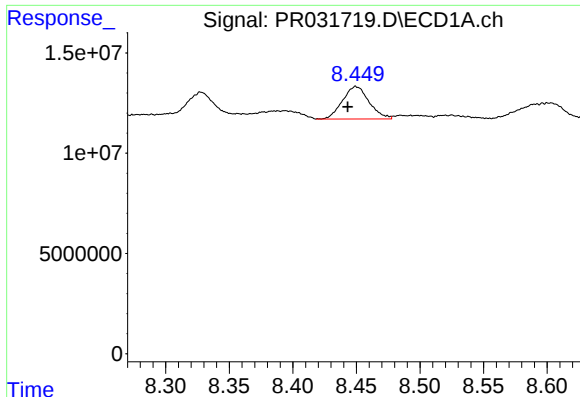
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.035 min
Response: 6725434
Conc: 5.99 ng/ml



#34 AR-1260-4

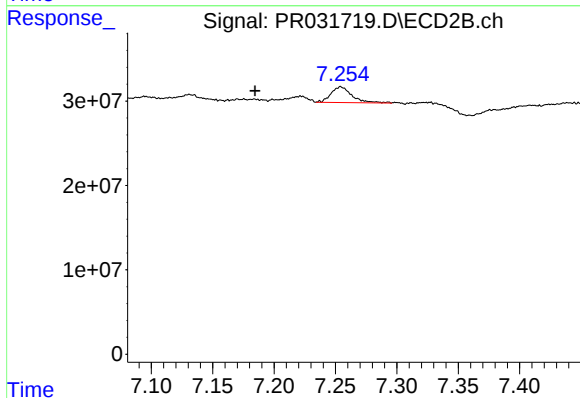
R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



#35 AR-1260-5

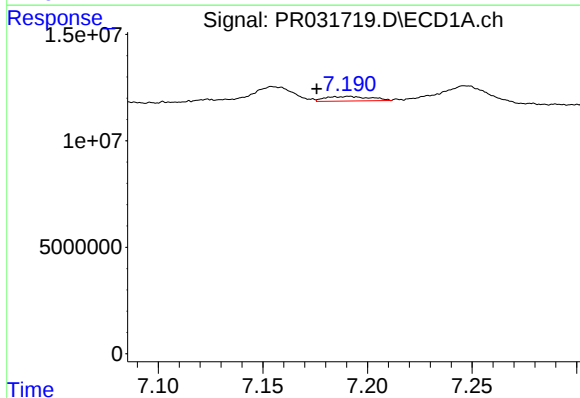
R.T.: 8.450 min
Delta R.T.: 0.006 min
Response: 23527818
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



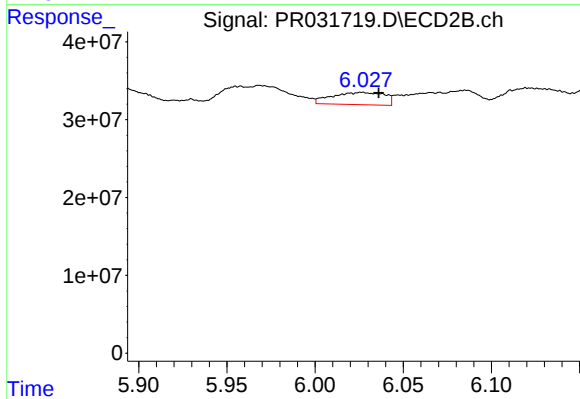
#35 AR-1260-5

R.T.: 7.254 min
Delta R.T.: 0.070 min
Response: 21957549
Conc: 7.46 ng/ml



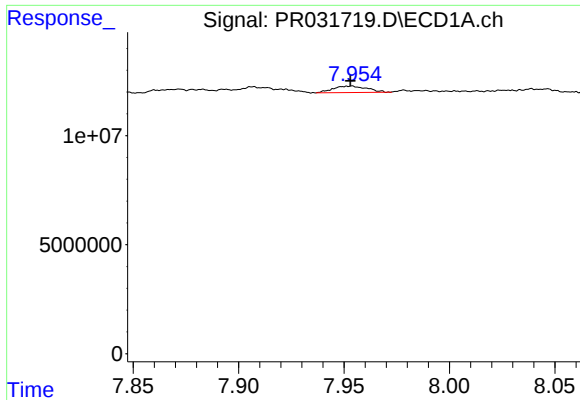
#36 AR-1262-1

R.T.: 7.191 min
Delta R.T.: 0.016 min
Response: 3234442
Conc: 5.47 ng/ml



#36 AR-1262-1

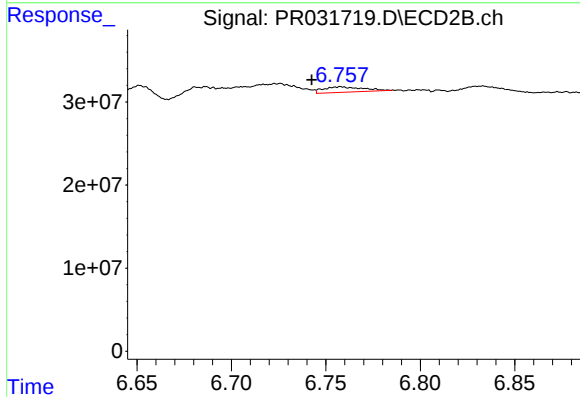
R.T.: 6.027 min
Delta R.T.: -0.009 min
Response: 32280643
Conc: 22.74 ng/ml



#37 AR-1262-2

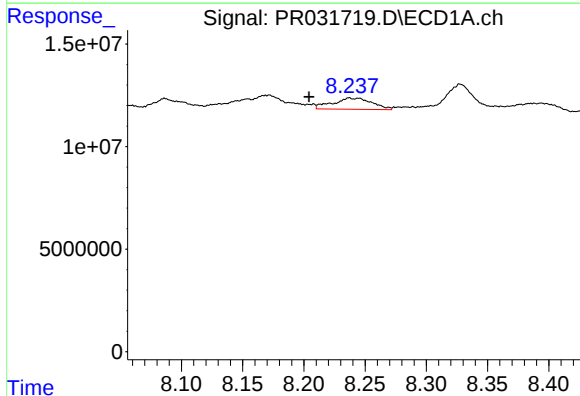
R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 3285620
Conc: 5.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



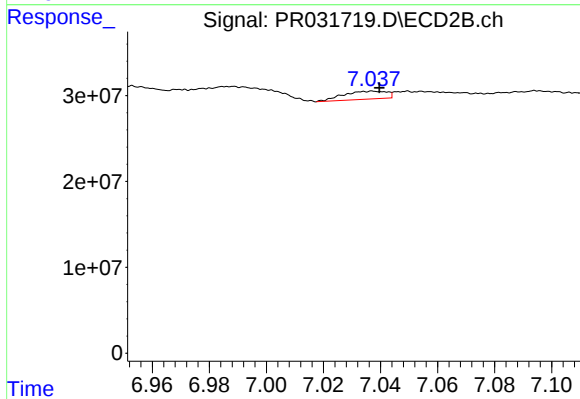
#37 AR-1262-2

R.T.: 6.758 min
Delta R.T.: 0.015 min
Response: 9685829
Conc: 9.03 ng/ml



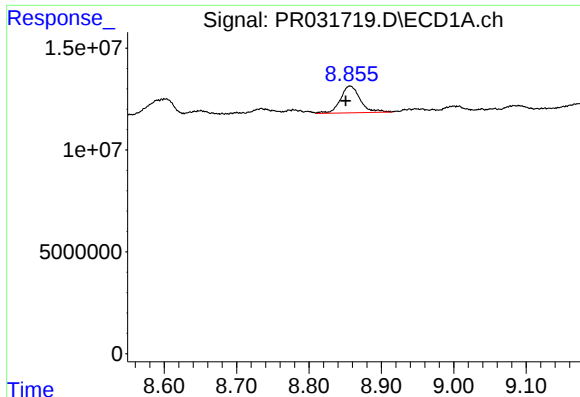
#38 AR-1262-3

R.T.: 8.237 min
Delta R.T.: 0.033 min
Response: 12362430
Conc: 23.86 ng/ml



#38 AR-1262-3

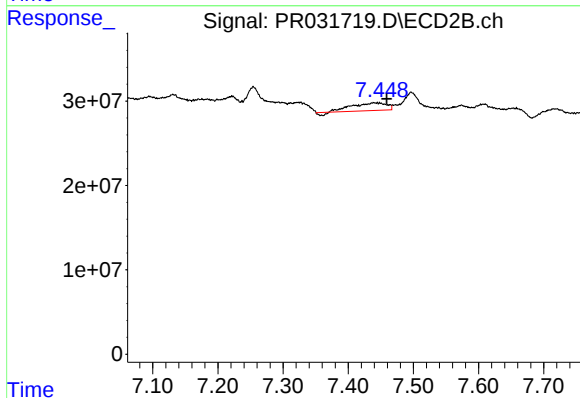
R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 9774681
Conc: 11.70 ng/ml



#39 AR-1262-4

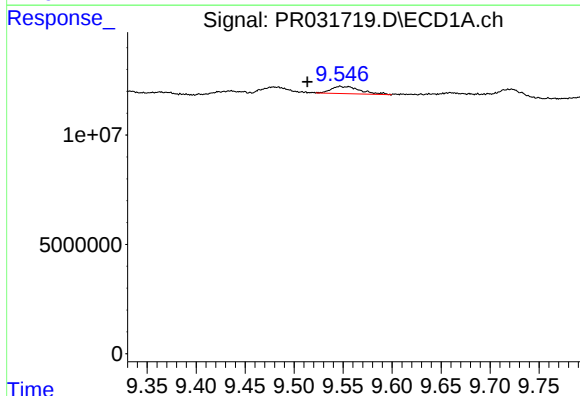
R.T.: 8.857 min
Delta R.T.: 0.006 min
Response: 24775506
Conc: 16.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



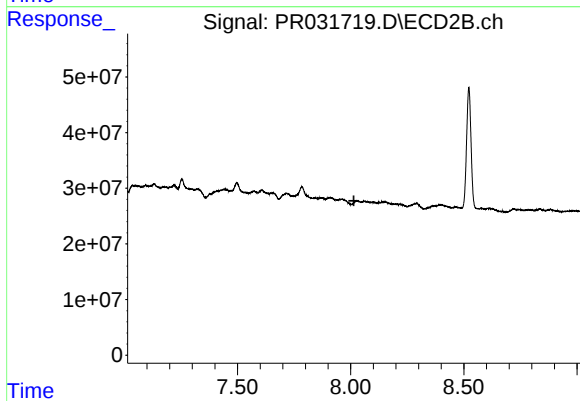
#39 AR-1262-4

R.T.: 7.445 min
Delta R.T.: -0.015 min
Response: 32856877
Conc: 28.28 ng/ml



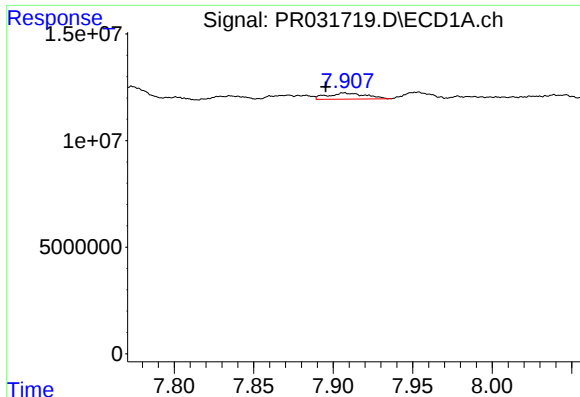
#40 AR-1262-5

R.T.: 9.547 min
Delta R.T.: 0.033 min
Response: 6692285
Conc: 5.96 ng/ml



#40 AR-1262-5

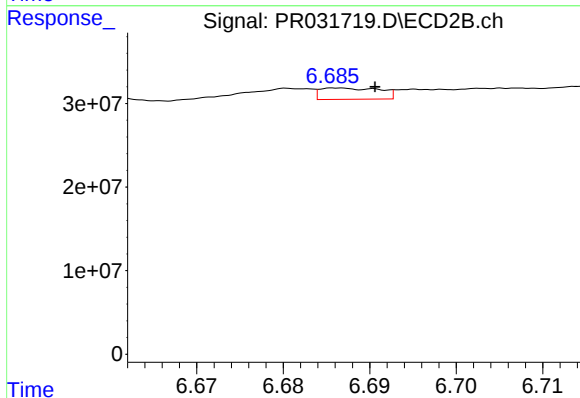
R.T.: 0.000 min
Exp R.T.: 8.014 min
Response: 0
Conc: N.D.



#41 AR-1268-1

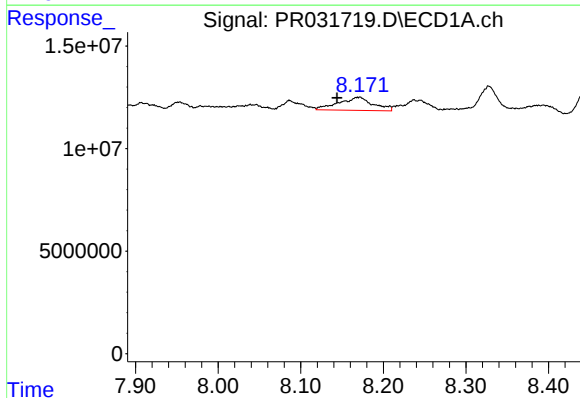
R.T.: 7.907 min
Delta R.T.: 0.011 min
Response: 4811393
Conc: 8.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



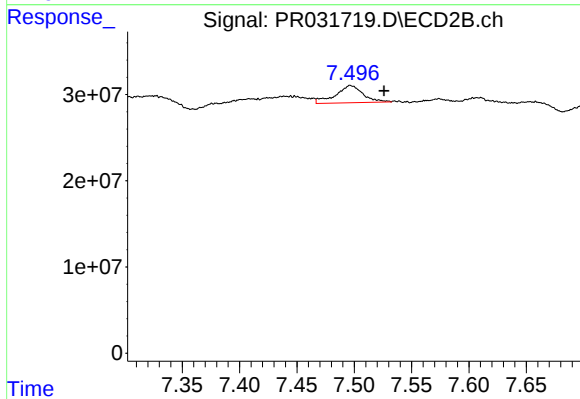
#41 AR-1268-1

R.T.: 6.687 min
Delta R.T.: -0.004 min
Response: 6536059
Conc: 6.30 ng/ml



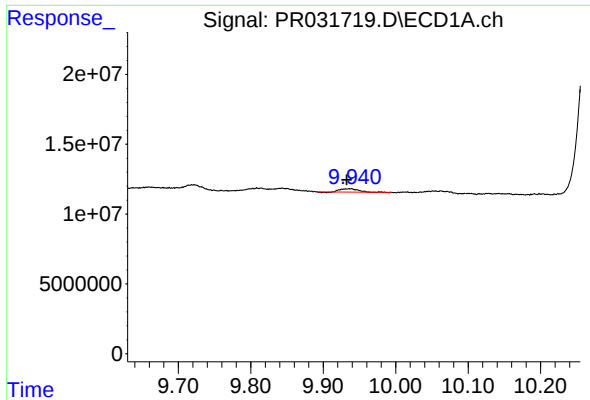
#42 AR-1268-2

R.T.: 8.171 min
Delta R.T.: 0.027 min
Response: 18611398
Conc: 23.02 ng/ml



#42 AR-1268-2

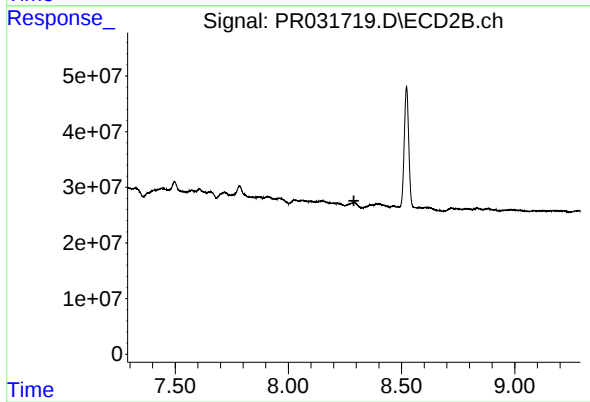
R.T.: 7.496 min
Delta R.T.: -0.030 min
Response: 33336327
Conc: 13.04 ng/ml



#45 AR-1268-5

R.T.: 9.938 min
Delta R.T.: 0.005 min
Response: 4104919
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.290 min
Response: 0
Conc: N.D.