

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 10:37
 Operator : SM\SJ
 Sample : J4988-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:13:35 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...	4.516	3.645	728.7E6	1257.3E6	36.651	30.046
2)	SA Decachlor...	10.256	8.501	1030.4E6	774.6E6	35.175	34.447
Target Compounds							
3)	L1 AR-1016-1	5.199	4.286	1119424	1021635	2.153	0.883 #
4)	L1 AR-1016-2	5.418	4.714	358326	1429333	0.679	0.831
5)	L1 AR-1016-3	5.695	4.714	904455	1429333	1.107	0.452 #
6)	L1 AR-1016-4	5.753	4.759	419757	2766327	0.586	1.545 #
7)	L1 AR-1016-5	6.158	5.127	5154629	1819341	8.443	1.079 #
8)	L2 AR-1221-1	4.687	3.869	2919768	3436487	10.889	6.468 #
9)	L2 AR-1221-2	4.820	3.938	12118973	16262001	59.265	40.506 #
10)	L2 AR-1221-3	4.868	4.007	567221	1857875	0.909	1.482 #
11)	L3 AR-1232-1	5.695	4.489	904455	2842160	1.873	4.950 #
12)	L3 AR-1232-2	5.858	4.590	554091	5108304	2.233	26.536 #
13)	L3 AR-1232-3	6.019	4.973	2567906	4059313	22.738	7.366 #
14)	L3 AR-1232-4	6.358	5.284	3853652	4635182	51.085	6.589 #
15)	L3 AR-1232-5	7.218	5.778	1946585	-403783	29.861	N.D. #
16)	L4 AR-1242-1	5.247	4.308	635934	1291933	2.843	2.400
17)	L4 AR-1242-2	5.986	4.881	195947	865323	0.469	0.771 #
18)	L4 AR-1242-3	6.199	5.000	1171239	10706078	5.339	26.947 #
19)	L4 AR-1242-4	6.239	5.357	432058	977244	2.557	2.625
20)	L4 AR-1242-5	6.280	5.733	1278796	4524238	2.308	5.402 #
21)	L5 AR-1248-1	5.947	4.928	2243521	10479255	1.791	3.672 #
22)	L5 AR-1248-2	6.525	5.470	9476723	19967242	7.274	3.496 #
23)	L5 AR-1248-3	6.525	5.507	9476723	4497361	5.344	1.037 #
24)	L5 AR-1248-4	6.592	5.671	4154428	13280293	2.454	3.356 #
25)	L5 AR-1248-5	6.813	6.014	7537025	48440163	6.741	19.144 #
26)	L6 AR-1254-1	6.741	5.614	8277532	17549898	5.477	5.611
27)	L6 AR-1254-2	7.008	5.915	8872504	12800723	9.015	8.245
28)	L6 AR-1254-3	7.109	6.232	11098765	14303645	6.229	4.439 #
29)	L6 AR-1254-4	7.389	6.538	7132808	9587556	5.080	5.092
30)	L6 AR-1254-5	7.657	6.636	8710310	46312133	9.102	21.033 #
31)	L7 AR-1260-1	7.271	6.132	14703028	34111777	11.252	10.298
32)	L7 AR-1260-2	7.526	6.317	22630009	52699029	13.669	12.893
33)	L7 AR-1260-3	7.809	6.466	29465551	39415008	15.362	12.038
34)	L7 AR-1260-4	8.114	6.926	25353044	25224583	18.367	12.580 #
35)	L7 AR-1260-5	8.434	7.167	39729331	74546559	12.988	18.261 #
36)	L8 AR-1262-1	7.166	6.014	6422838	48440163	8.454	28.005 #
37)	L8 AR-1262-2	7.943	6.724	8527907	28138375	12.055	19.790 #
38)	L8 AR-1262-3	8.194	7.022	9609533	19046259	15.810	18.728
39)	L8 AR-1262-4	8.840	7.440	25393707	26862052	14.007	15.876
40)	L8 AR-1262-5	9.496	7.998	21102595	32007170	15.583	30.355 #
41)	L9 AR-1268-1	7.885	6.671	18629905	43044634	26.307	30.728

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 Operator : SM\SJ
 Sample : J4988-01RE
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 ALS Vial : 5 Sample Multiplier: 1

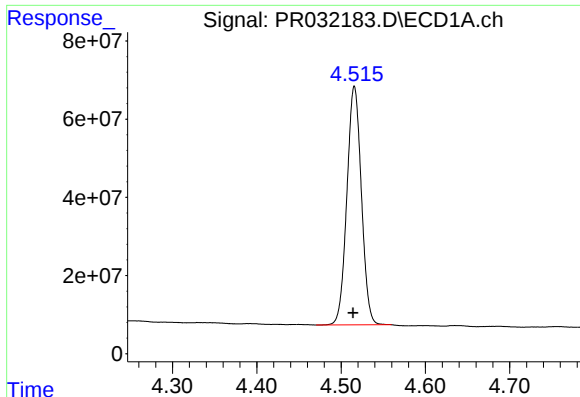
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:13:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.114	7.507	25353044	60916415	27.419	10.163 #
43) L9	AR-1268-3	8.756	7.702	31618101	24007807	7.418	8.535
44) L9	AR-1268-4	9.073	7.794	10082596	2529309	2.938	3.162
45) L9	AR-1268-5	9.915	8.268	16287159	22954856	1.599	3.177 #

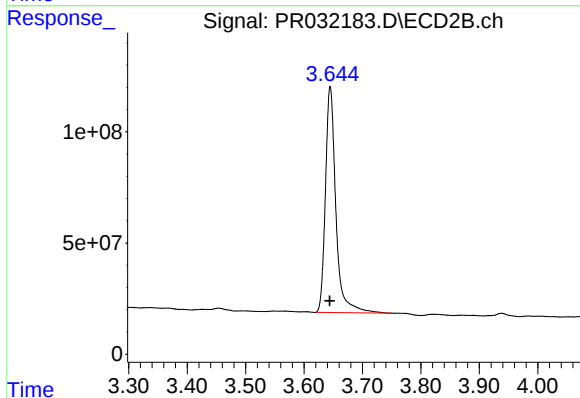
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

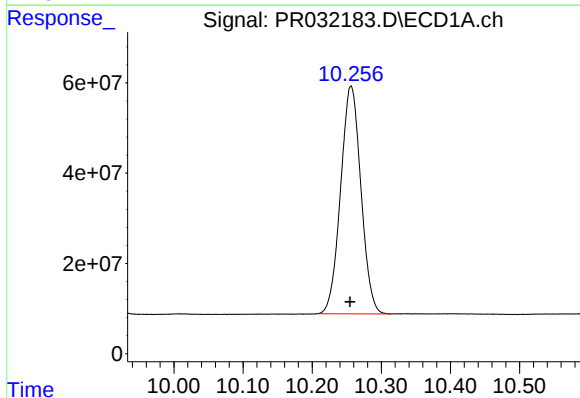
R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 728655333
Conc: 36.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



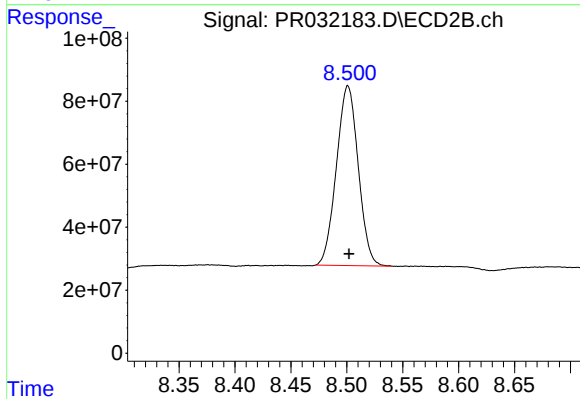
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 1257278463
Conc: 30.05 ng/ml



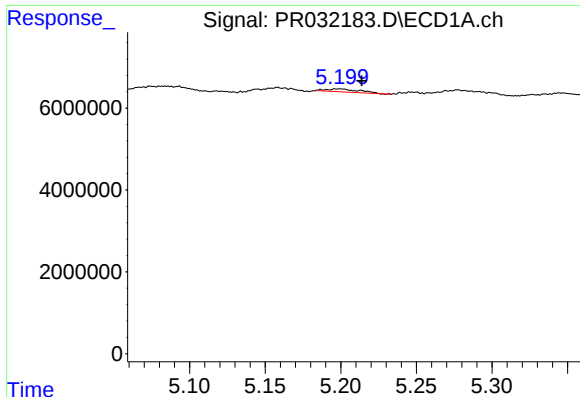
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.002 min
Response: 1030355447
Conc: 35.17 ng/ml



#2 Decachlorobiphenyl

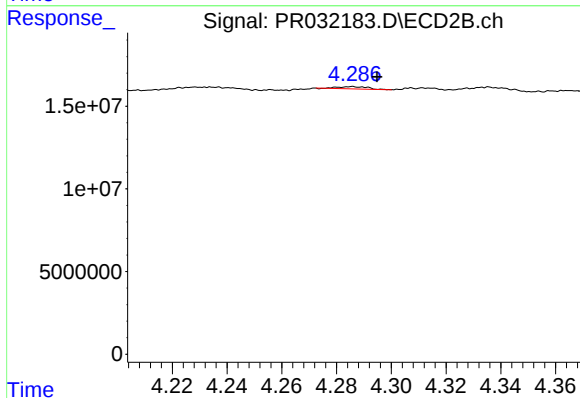
R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 774599916
Conc: 34.45 ng/ml



#3 AR-1016-1

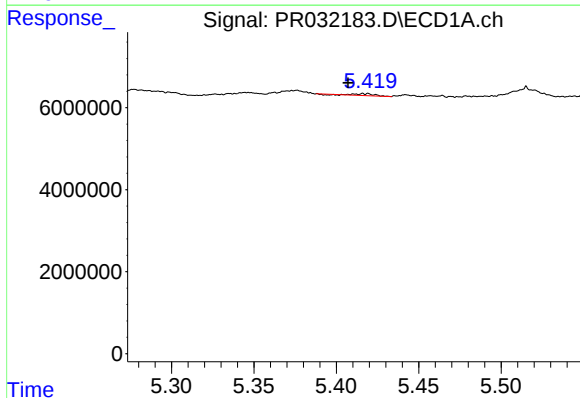
R.T.: 5.199 min
Delta R.T.: -0.014 min
Response: 1119424
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



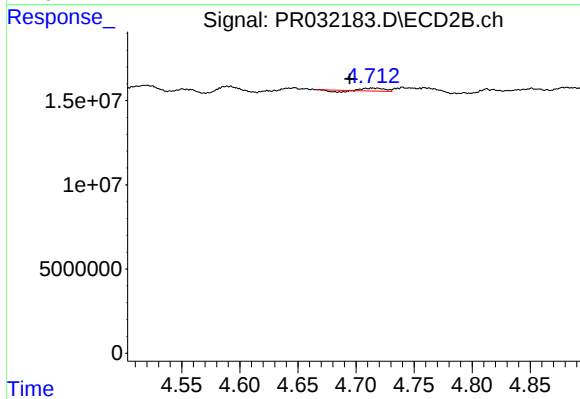
#3 AR-1016-1

R.T.: 4.286 min
Delta R.T.: -0.009 min
Response: 1021635
Conc: 0.88 ng/ml



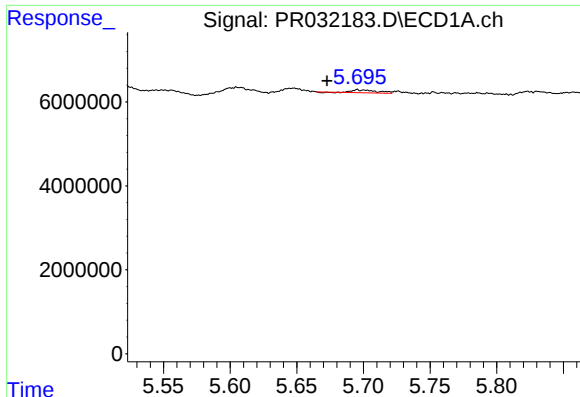
#4 AR-1016-2

R.T.: 5.418 min
Delta R.T.: 0.011 min
Response: 358326
Conc: 0.68 ng/ml



#4 AR-1016-2

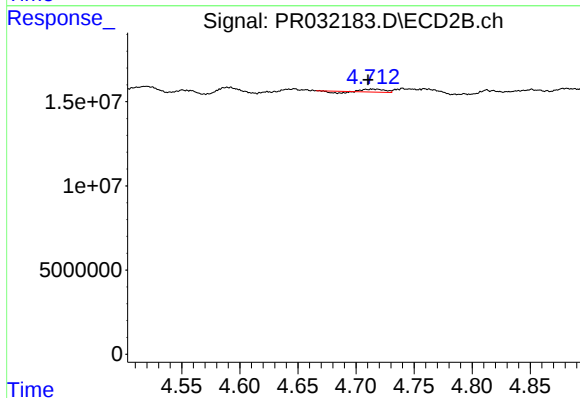
R.T.: 4.714 min
Delta R.T.: 0.020 min
Response: 1429333
Conc: 0.83 ng/ml



#5 AR-1016-3

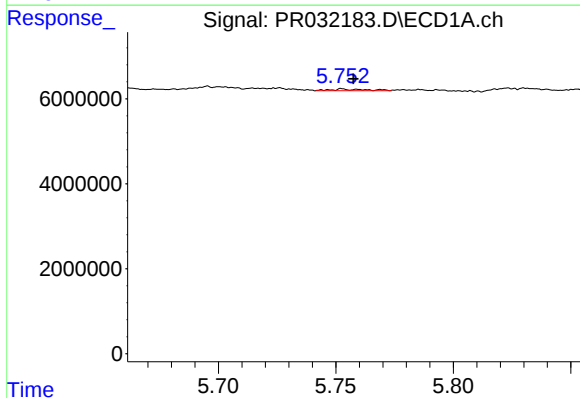
R.T.: 5.695 min
Delta R.T.: 0.023 min
Response: 904455
Conc: 1.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



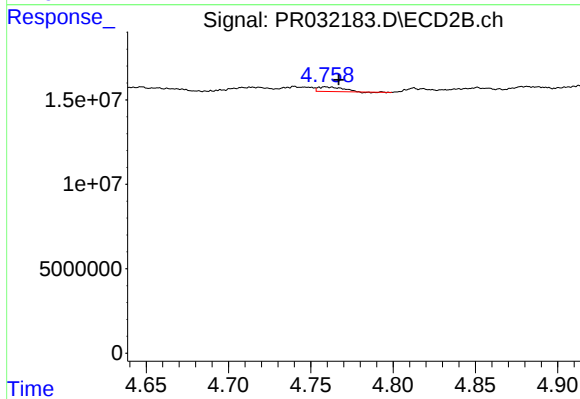
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: 0.004 min
Response: 1429333
Conc: 0.45 ng/ml



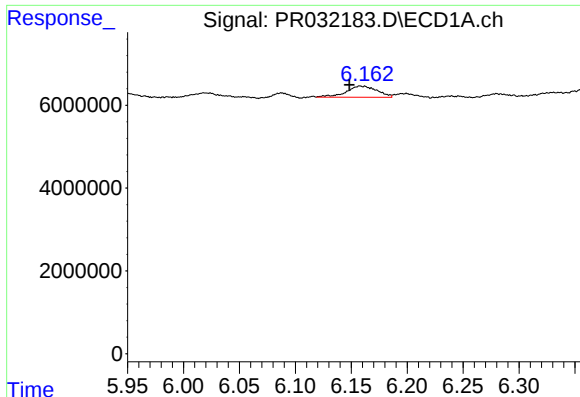
#6 AR-1016-4

R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 419757
Conc: 0.59 ng/ml



#6 AR-1016-4

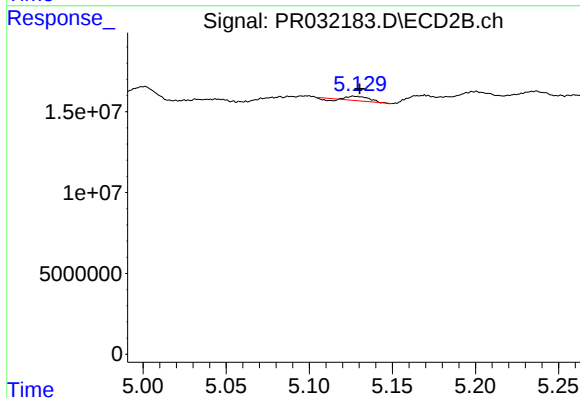
R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 2766327
Conc: 1.55 ng/ml



#7 AR-1016-5

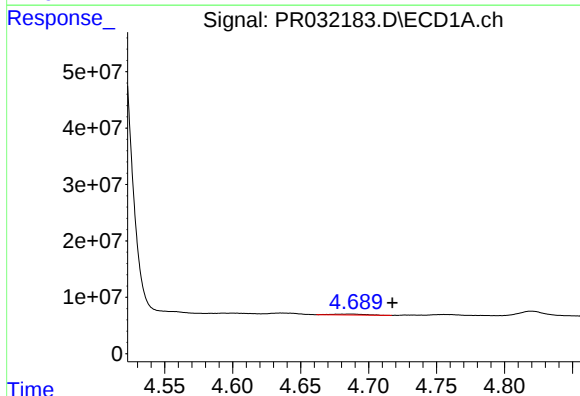
R.T.: 6.158 min
Delta R.T.: 0.010 min
Response: 5154629
Conc: 8.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



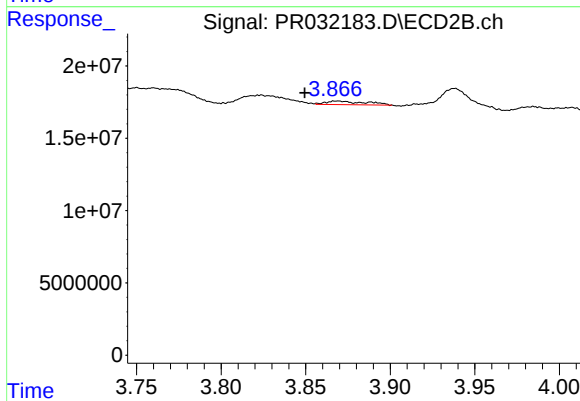
#7 AR-1016-5

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 1819341
Conc: 1.08 ng/ml



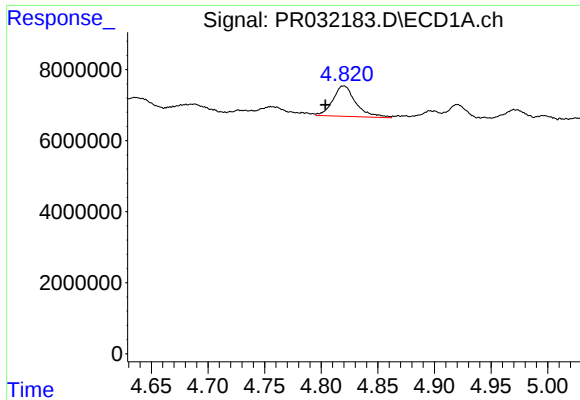
#8 AR-1221-1

R.T.: 4.687 min
Delta R.T.: -0.030 min
Response: 2919768
Conc: 10.89 ng/ml



#8 AR-1221-1

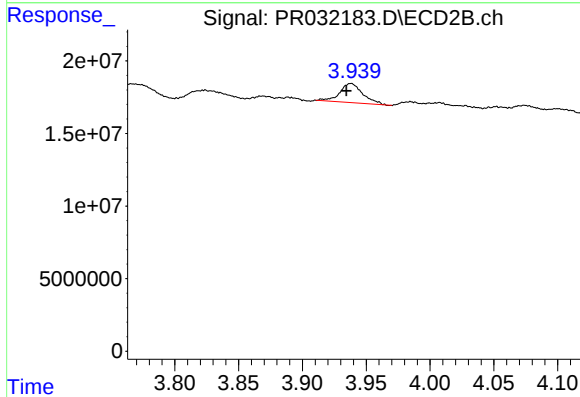
R.T.: 3.869 min
Delta R.T.: 0.019 min
Response: 3436487
Conc: 6.47 ng/ml



#9 AR-1221-2

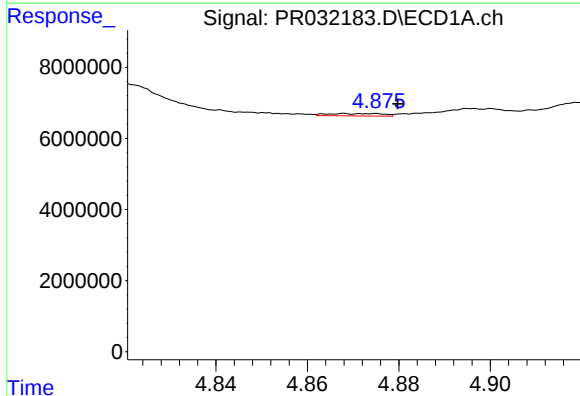
R.T.: 4.820 min
Delta R.T.: 0.016 min
Response: 12118973
Conc: 59.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



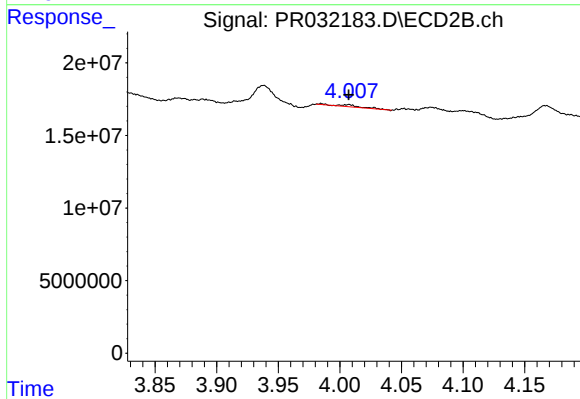
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.004 min
Response: 16262001
Conc: 40.51 ng/ml



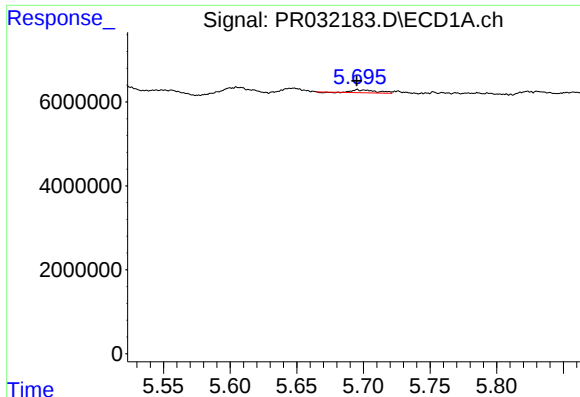
#10 AR-1221-3

R.T.: 4.868 min
Delta R.T.: -0.011 min
Response: 567221
Conc: 0.91 ng/ml



#10 AR-1221-3

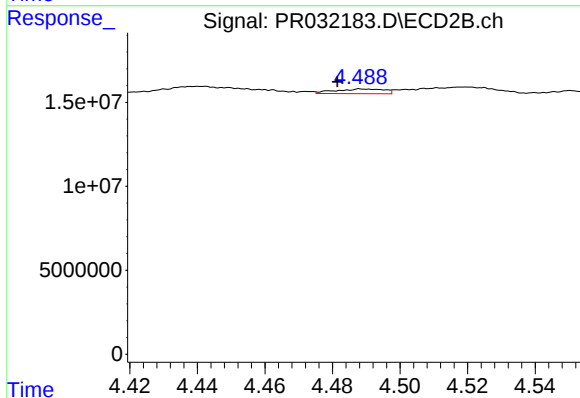
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 1857875
Conc: 1.48 ng/ml



#11 AR-1232-1

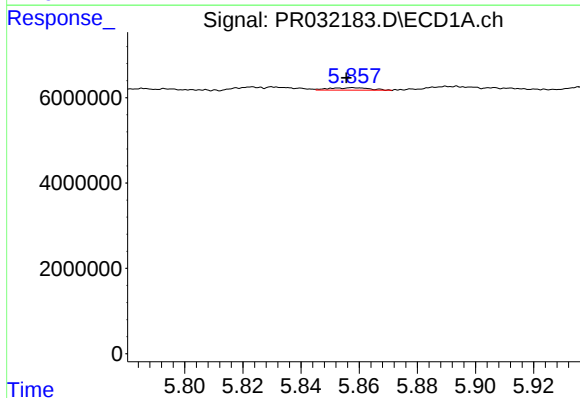
R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 904455
Conc: 1.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



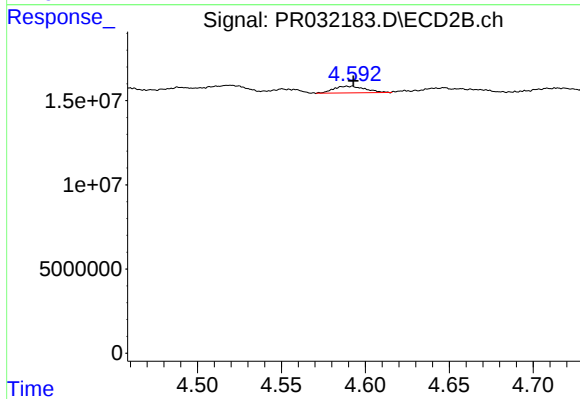
#11 AR-1232-1

R.T.: 4.489 min
Delta R.T.: 0.008 min
Response: 2842160
Conc: 4.95 ng/ml



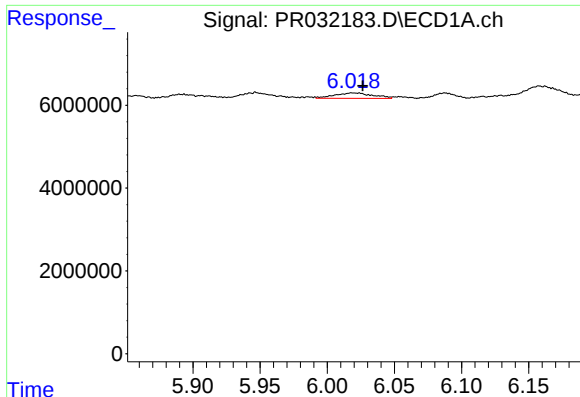
#12 AR-1232-2

R.T.: 5.858 min
Delta R.T.: 0.003 min
Response: 554091
Conc: 2.23 ng/ml



#12 AR-1232-2

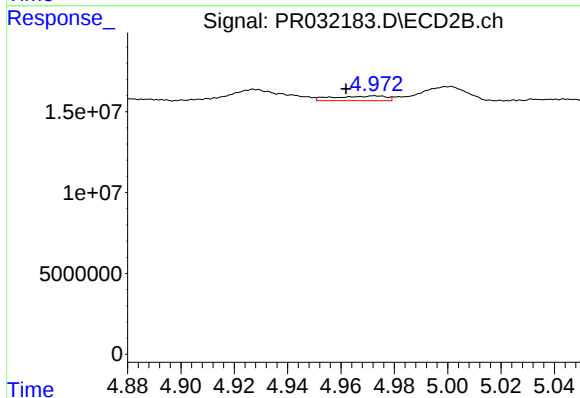
R.T.: 4.590 min
Delta R.T.: -0.003 min
Response: 5108304
Conc: 26.54 ng/ml



#13 AR-1232-3

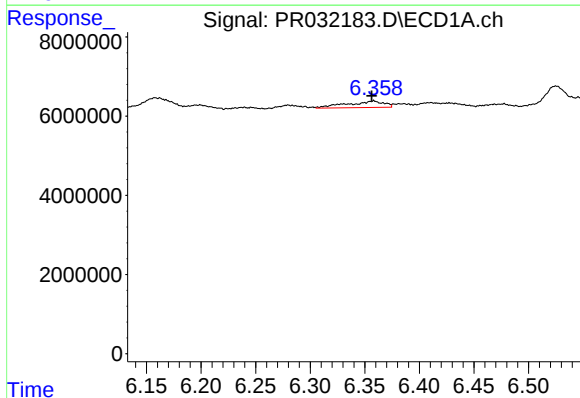
R.T.: 6.019 min
Delta R.T.: -0.008 min
Response: 2567906
Conc: 22.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



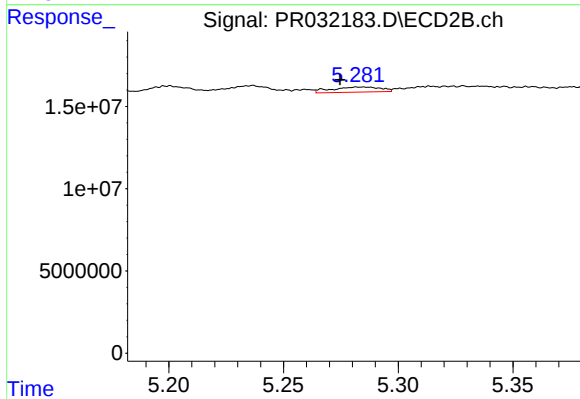
#13 AR-1232-3

R.T.: 4.973 min
Delta R.T.: 0.011 min
Response: 4059313
Conc: 7.37 ng/ml



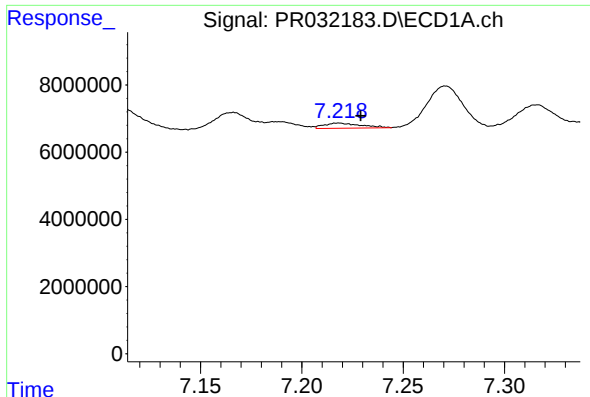
#14 AR-1232-4

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 3853652
Conc: 51.09 ng/ml



#14 AR-1232-4

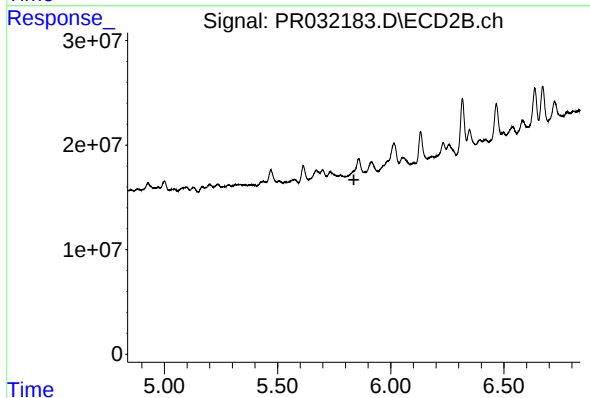
R.T.: 5.284 min
Delta R.T.: 0.009 min
Response: 4635182
Conc: 6.59 ng/ml



#15 AR-1232-5

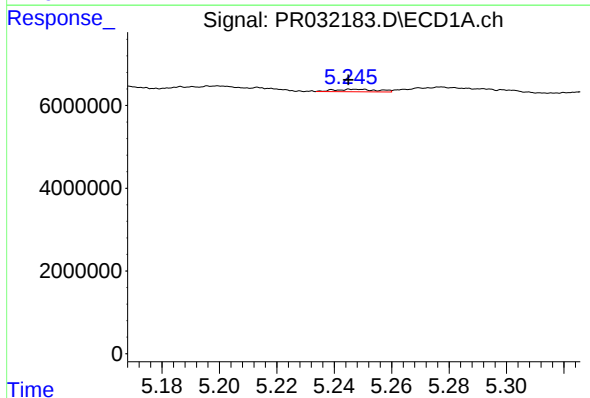
R.T.: 7.218 min
Delta R.T.: -0.011 min
Response: 1946585
Conc: 29.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



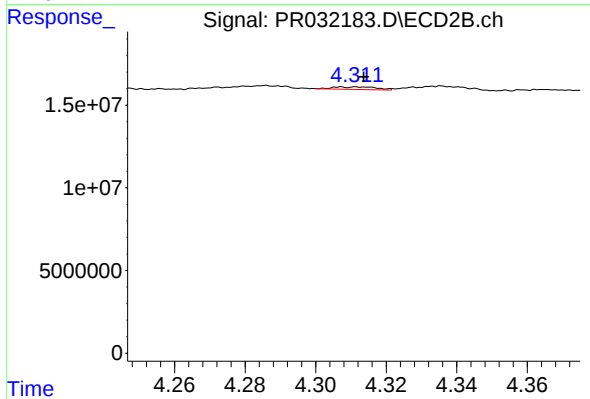
#15 AR-1232-5

R.T.: 5.778 min
Delta R.T.: -0.059 min
Response: -403783
Conc: N.D.



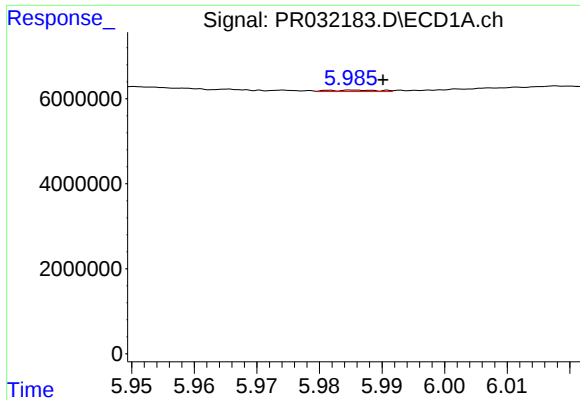
#16 AR-1242-1

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 635934
Conc: 2.84 ng/ml



#16 AR-1242-1

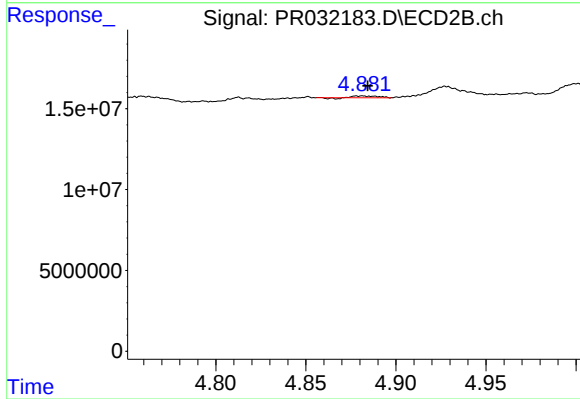
R.T.: 4.308 min
Delta R.T.: -0.006 min
Response: 1291933
Conc: 2.40 ng/ml



#17 AR-1242-2

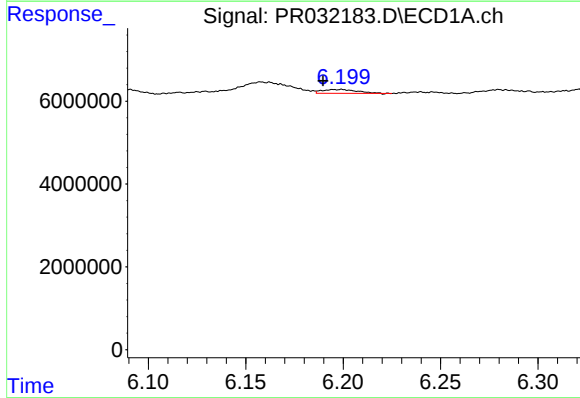
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 195947
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



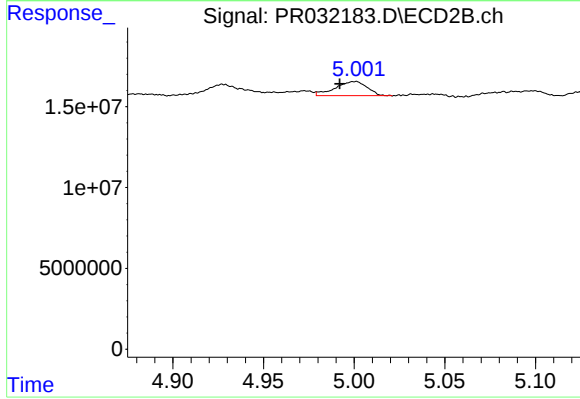
#17 AR-1242-2

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 865323
Conc: 0.77 ng/ml



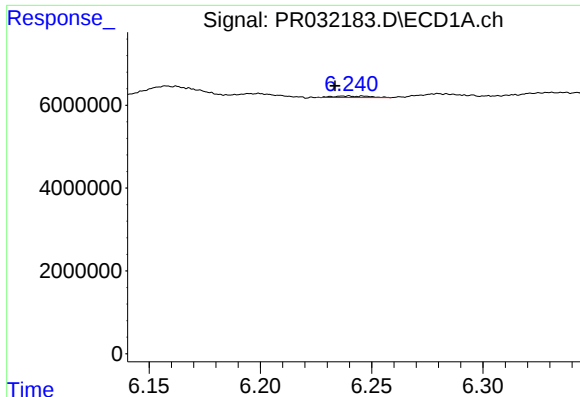
#18 AR-1242-3

R.T.: 6.199 min
Delta R.T.: 0.009 min
Response: 1171239
Conc: 5.34 ng/ml



#18 AR-1242-3

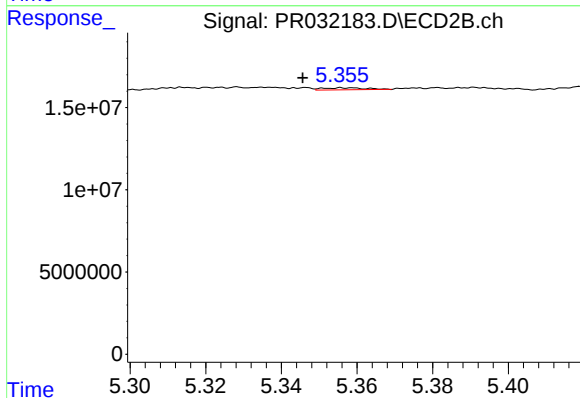
R.T.: 5.000 min
Delta R.T.: 0.008 min
Response: 10706078
Conc: 26.95 ng/ml



#19 AR-1242-4

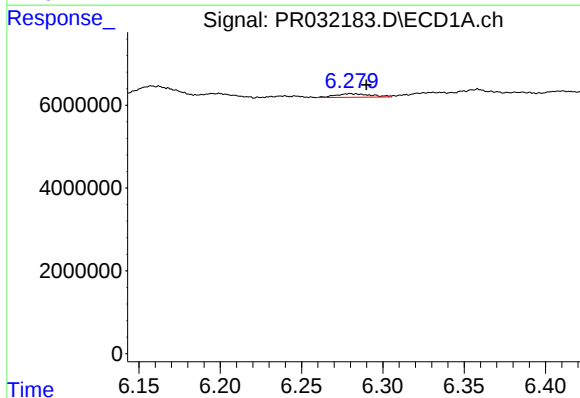
R.T.: 6.239 min
Delta R.T.: 0.006 min
Response: 432058
Conc: 2.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



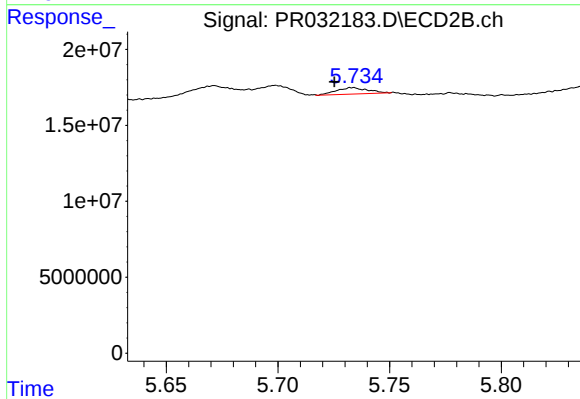
#19 AR-1242-4

R.T.: 5.357 min
Delta R.T.: 0.012 min
Response: 977244
Conc: 2.62 ng/ml



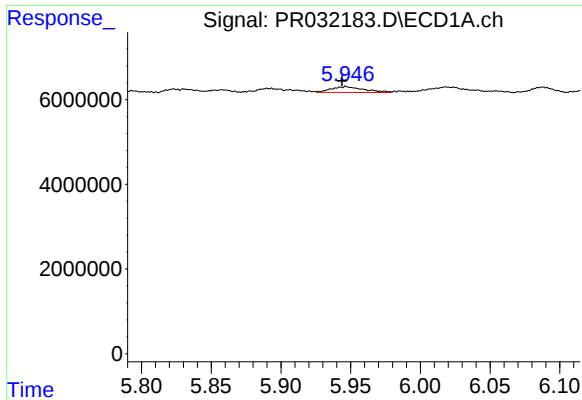
#20 AR-1242-5

R.T.: 6.280 min
Delta R.T.: -0.010 min
Response: 1278796
Conc: 2.31 ng/ml



#20 AR-1242-5

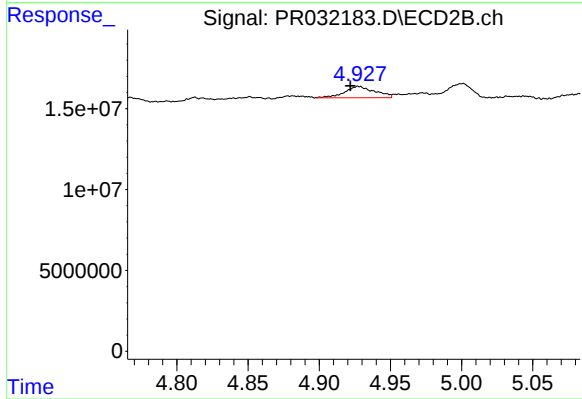
R.T.: 5.733 min
Delta R.T.: 0.008 min
Response: 4524238
Conc: 5.40 ng/ml



#21 AR-1248-1

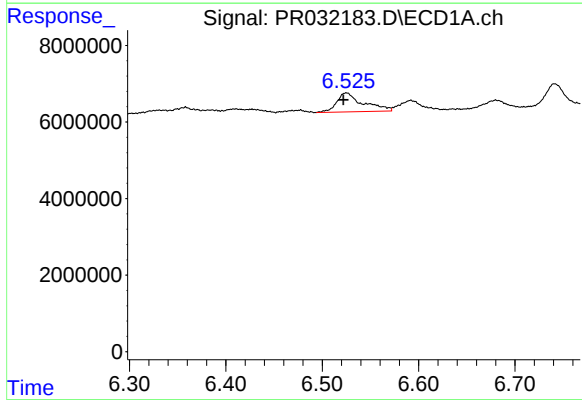
R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 2243521
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



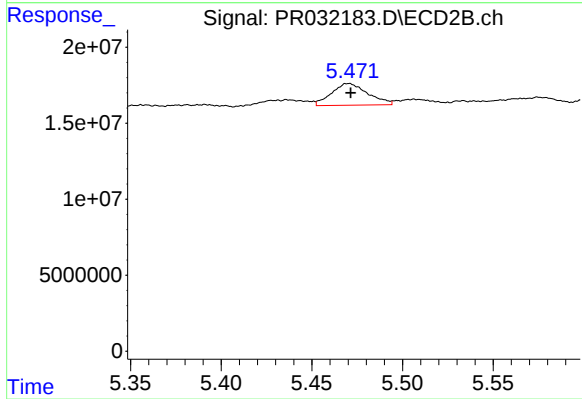
#21 AR-1248-1

R.T.: 4.928 min
Delta R.T.: 0.006 min
Response: 10479255
Conc: 3.67 ng/ml



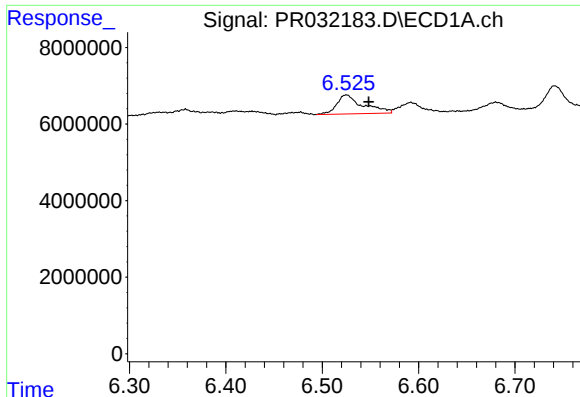
#22 AR-1248-2

R.T.: 6.525 min
Delta R.T.: 0.003 min
Response: 9476723
Conc: 7.27 ng/ml



#22 AR-1248-2

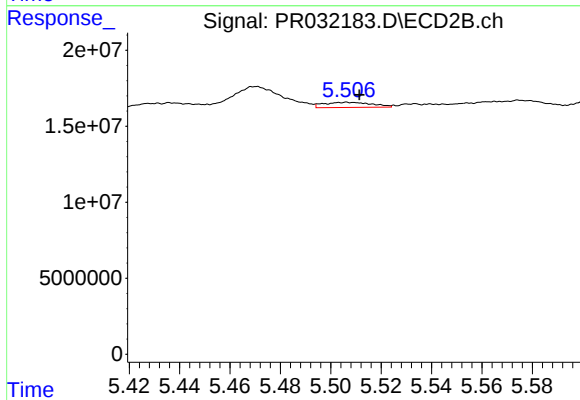
R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 19967242
Conc: 3.50 ng/ml



#23 AR-1248-3

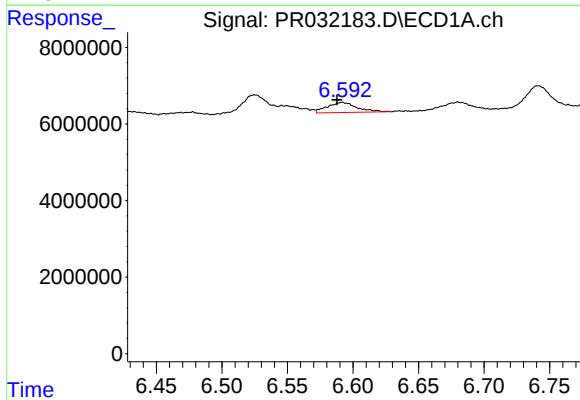
R.T.: 6.525 min
Delta R.T.: -0.023 min
Response: 9476723
Conc: 5.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



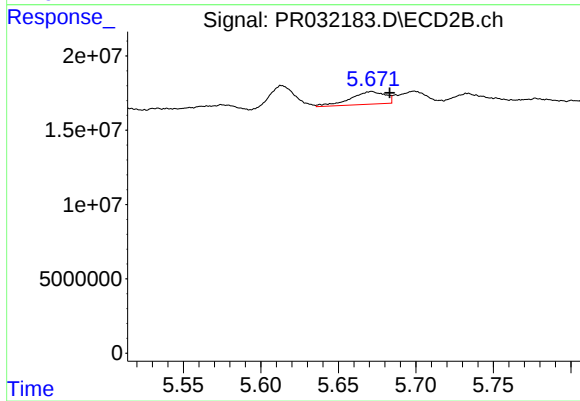
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 4497361
Conc: 1.04 ng/ml



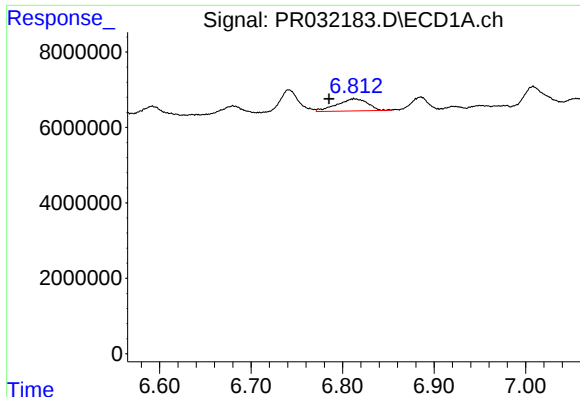
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.004 min
Response: 4154428
Conc: 2.45 ng/ml



#24 AR-1248-4

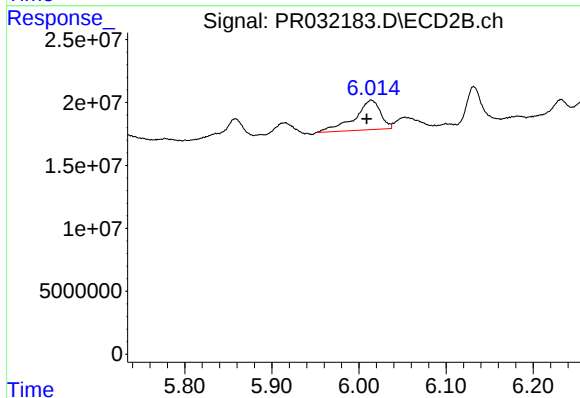
R.T.: 5.671 min
Delta R.T.: -0.012 min
Response: 13280293
Conc: 3.36 ng/ml



#25 AR-1248-5

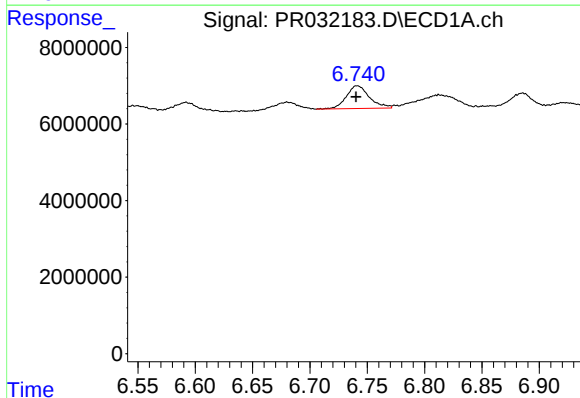
R.T.: 6.813 min
Delta R.T.: 0.027 min
Response: 7537025
Conc: 6.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



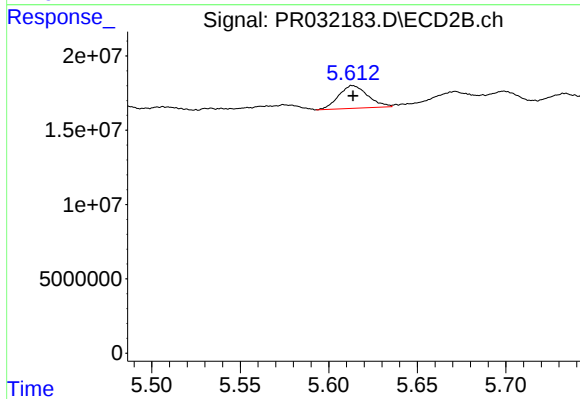
#25 AR-1248-5

R.T.: 6.014 min
Delta R.T.: 0.005 min
Response: 48440163
Conc: 19.14 ng/ml



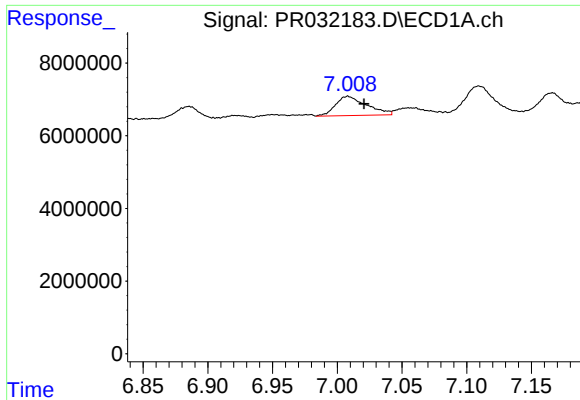
#26 AR-1254-1

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 8277532
Conc: 5.48 ng/ml



#26 AR-1254-1

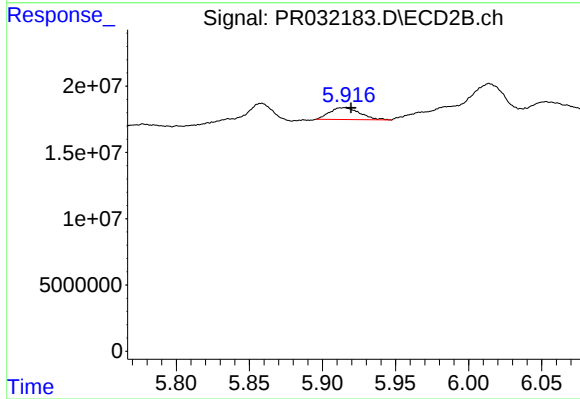
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 17549898
Conc: 5.61 ng/ml



#27 AR-1254-2

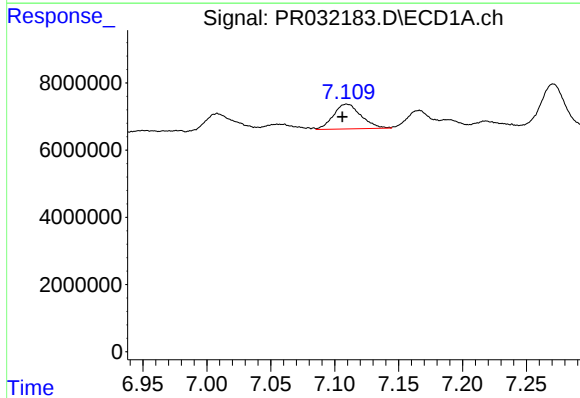
R.T.: 7.008 min
Delta R.T.: -0.012 min
Response: 8872504
Conc: 9.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



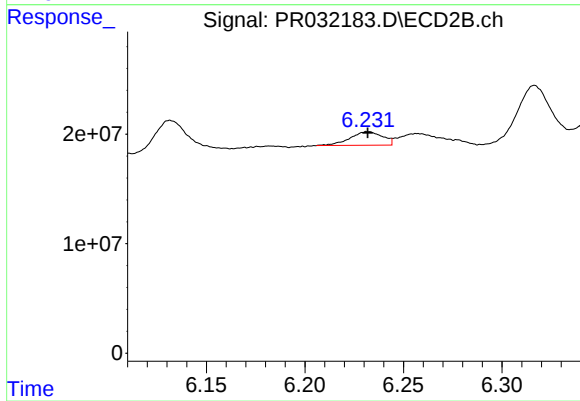
#27 AR-1254-2

R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 12800723
Conc: 8.24 ng/ml



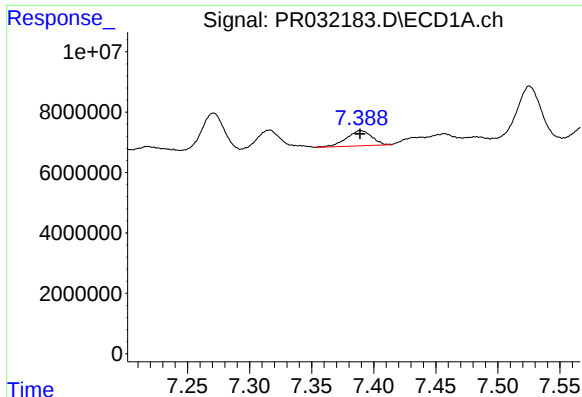
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.003 min
Response: 11098765
Conc: 6.23 ng/ml



#28 AR-1254-3

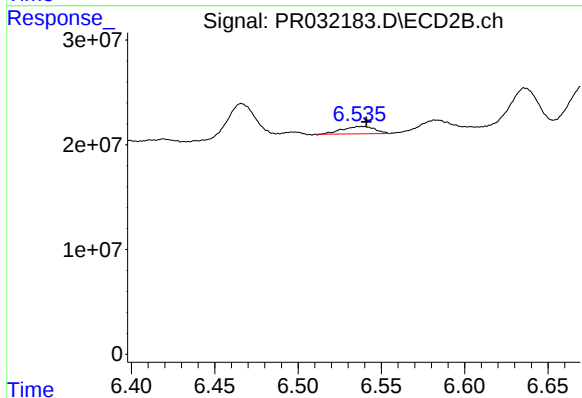
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 14303645
Conc: 4.44 ng/ml



#29 AR-1254-4

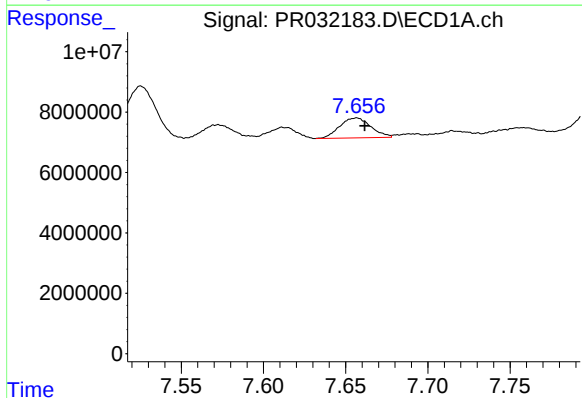
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 7132808
Conc: 5.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



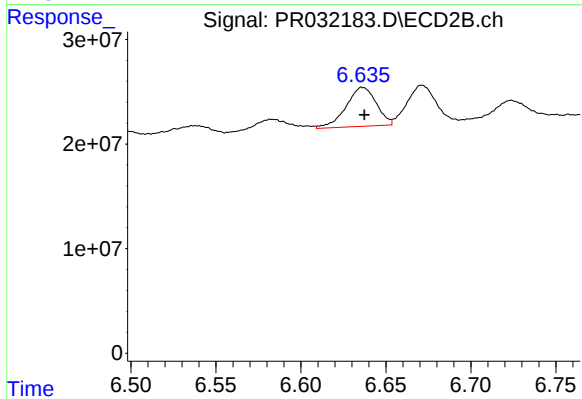
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 9587556
Conc: 5.09 ng/ml



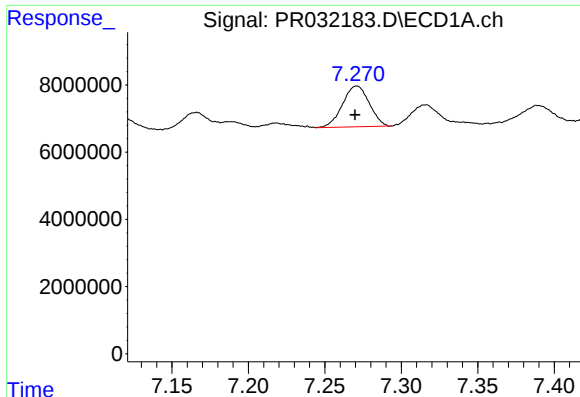
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 8710310
Conc: 9.10 ng/ml



#30 AR-1254-5

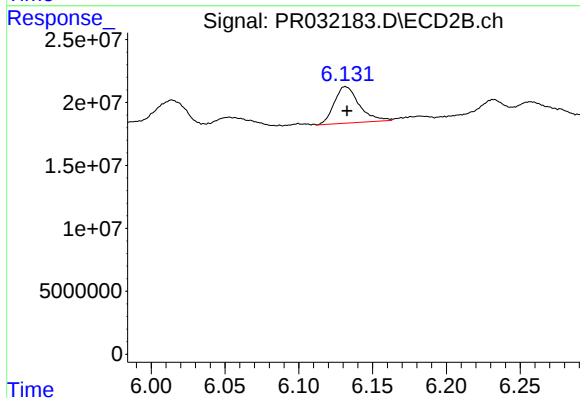
R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 46312133
Conc: 21.03 ng/ml



#31 AR-1260-1

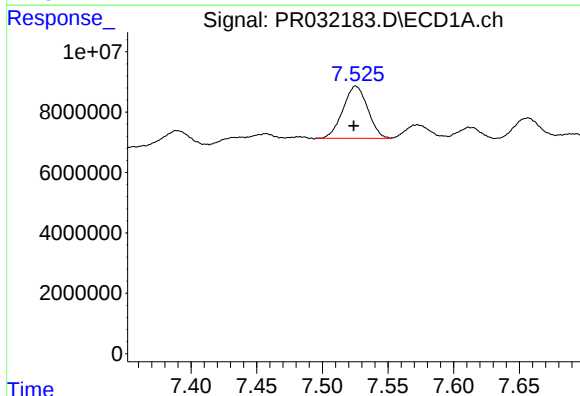
R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 14703028
Conc: 11.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



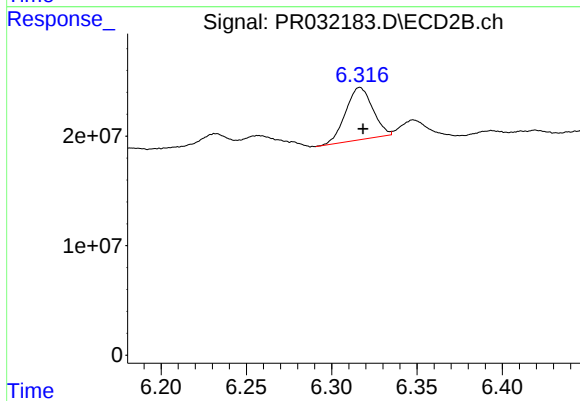
#31 AR-1260-1

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 34111777
Conc: 10.30 ng/ml



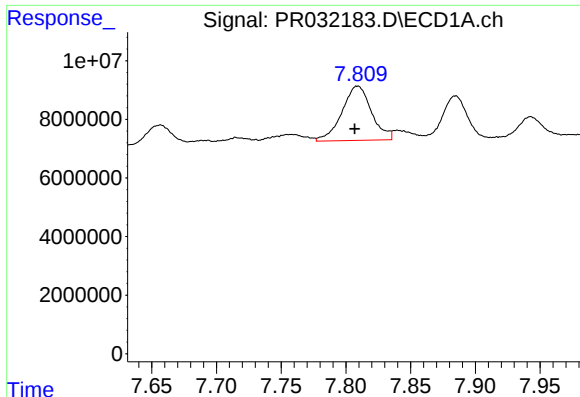
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: 0.002 min
Response: 22630009
Conc: 13.67 ng/ml



#32 AR-1260-2

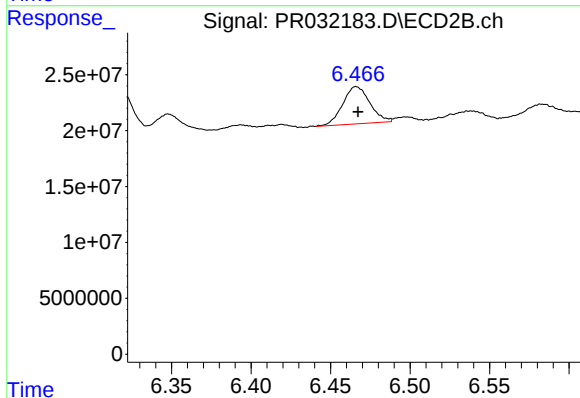
R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 52699029
Conc: 12.89 ng/ml



#33 AR-1260-3

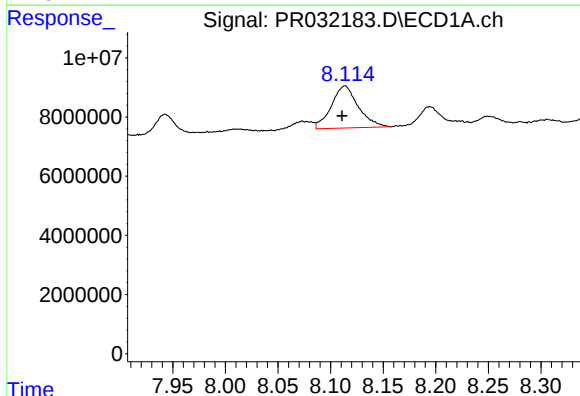
R.T.: 7.809 min
Delta R.T.: 0.002 min
Response: 29465551
Conc: 15.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



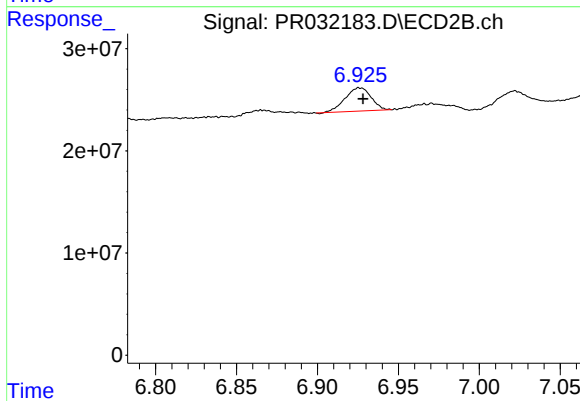
#33 AR-1260-3

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 39415008
Conc: 12.04 ng/ml



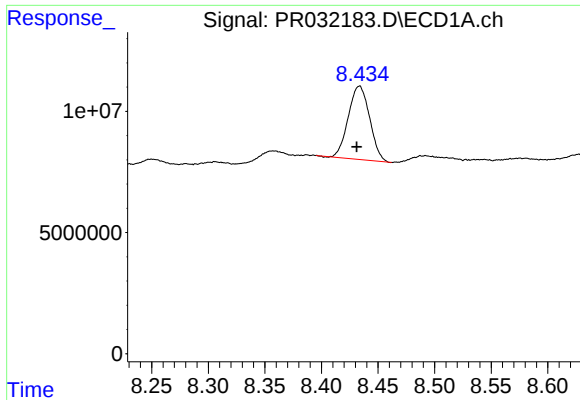
#34 AR-1260-4

R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 25353044
Conc: 18.37 ng/ml



#34 AR-1260-4

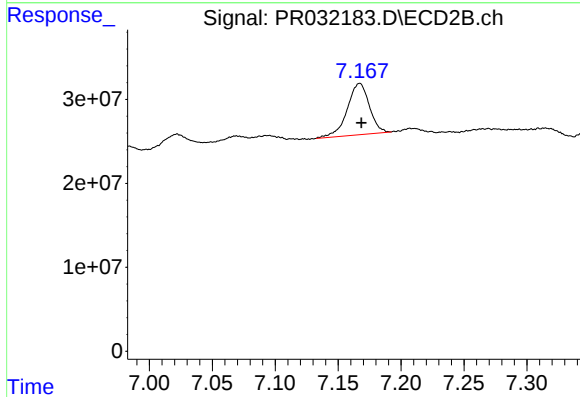
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 25224583
Conc: 12.58 ng/ml



#35 AR-1260-5

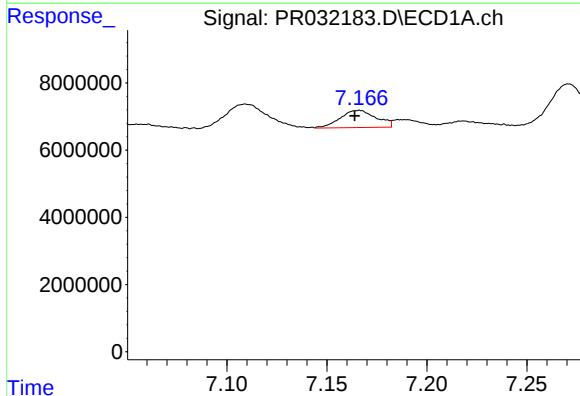
R.T.: 8.434 min
Delta R.T.: 0.002 min
Response: 39729331
Conc: 12.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



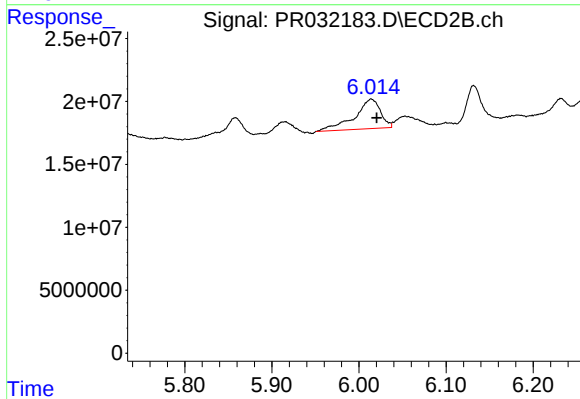
#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 74546559
Conc: 18.26 ng/ml



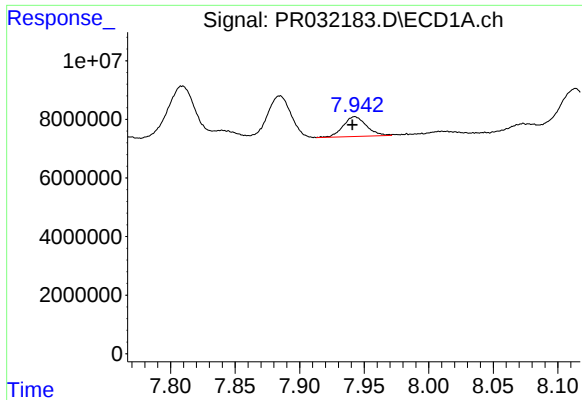
#36 AR-1262-1

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 6422838
Conc: 8.45 ng/ml



#36 AR-1262-1

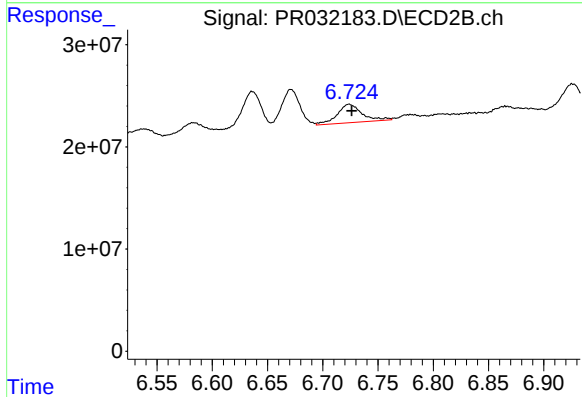
R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 48440163
Conc: 28.01 ng/ml



#37 AR-1262-2

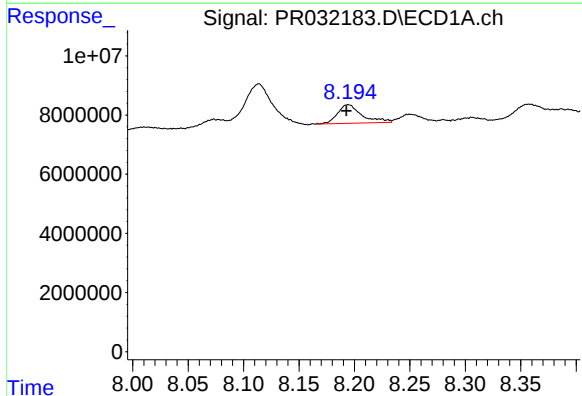
R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 8527907
Conc: 12.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



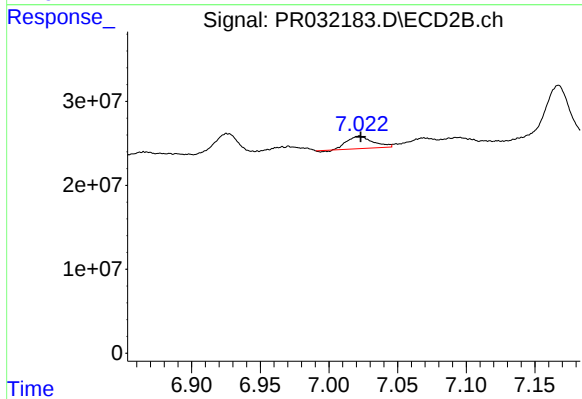
#37 AR-1262-2

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 28138375
Conc: 19.79 ng/ml



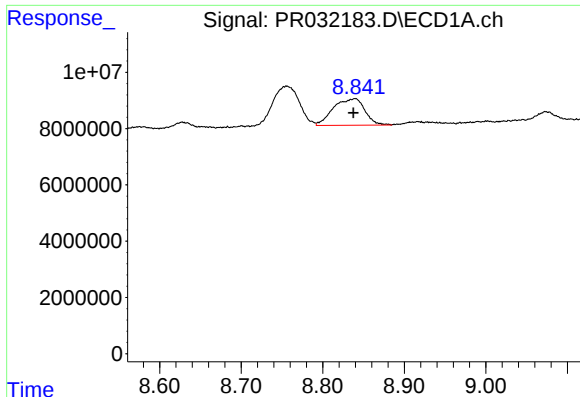
#38 AR-1262-3

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 9609533
Conc: 15.81 ng/ml



#38 AR-1262-3

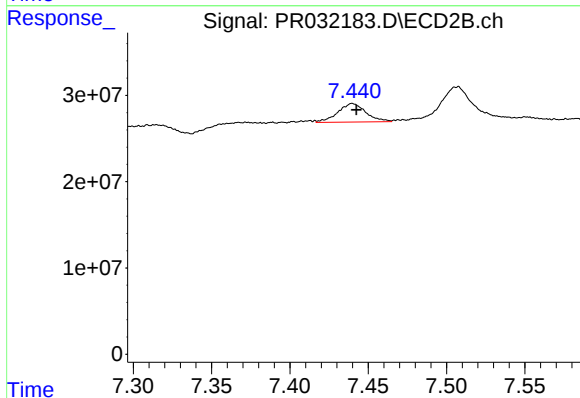
R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 19046259
Conc: 18.73 ng/ml



#39 AR-1262-4

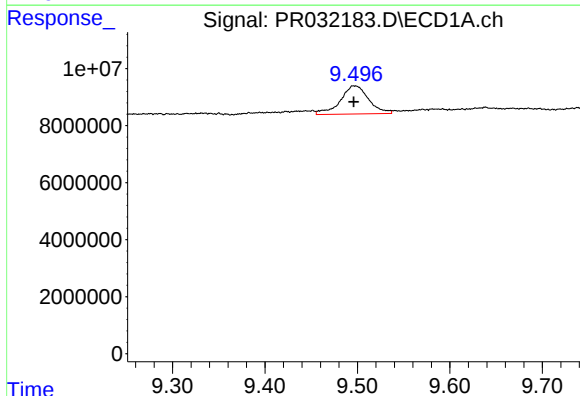
R.T.: 8.840 min
Delta R.T.: 0.002 min
Response: 25393707
Conc: 14.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



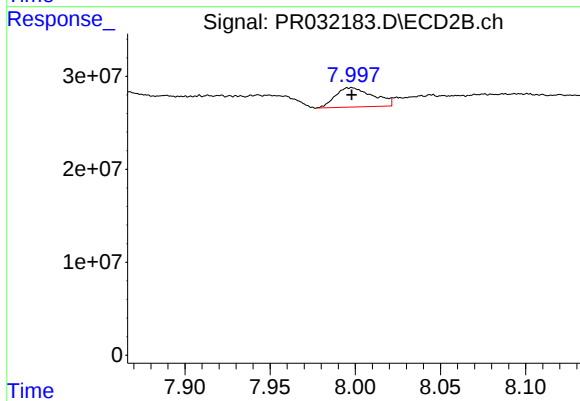
#39 AR-1262-4

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 26862052
Conc: 15.88 ng/ml



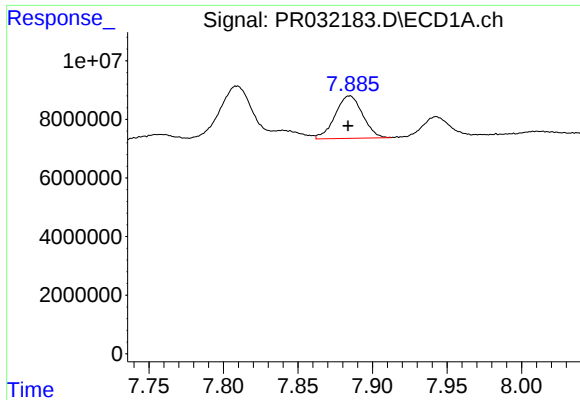
#40 AR-1262-5

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 21102595
Conc: 15.58 ng/ml



#40 AR-1262-5

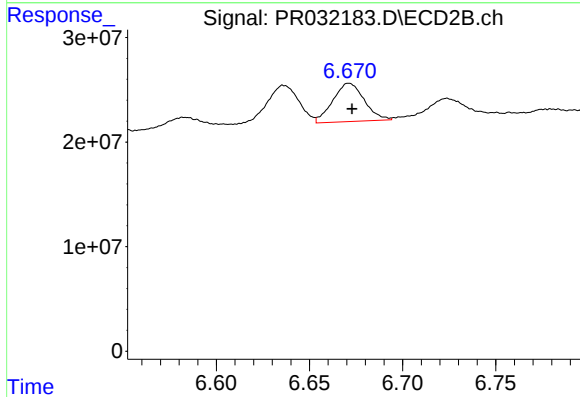
R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 32007170
Conc: 30.36 ng/ml



#41 AR-1268-1

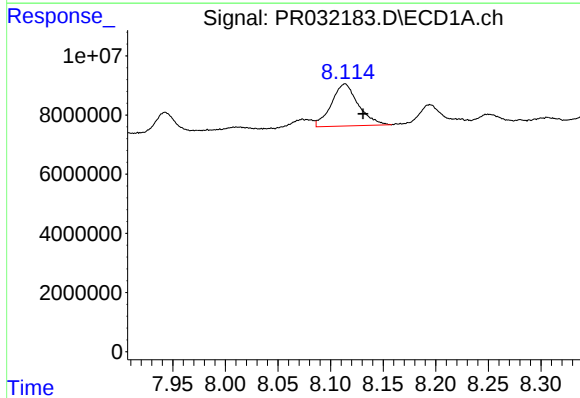
R.T.: 7.885 min
Delta R.T.: 0.001 min
Response: 18629905
Conc: 26.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



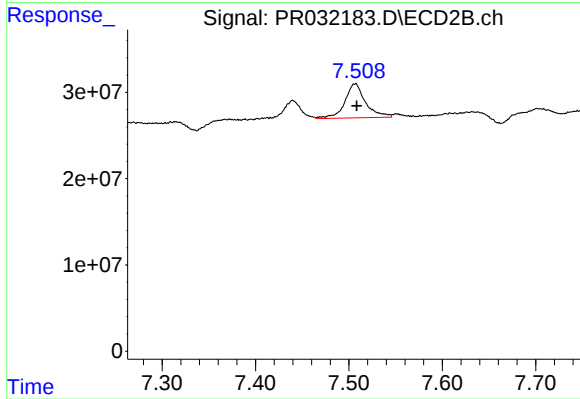
#41 AR-1268-1

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 43044634
Conc: 30.73 ng/ml



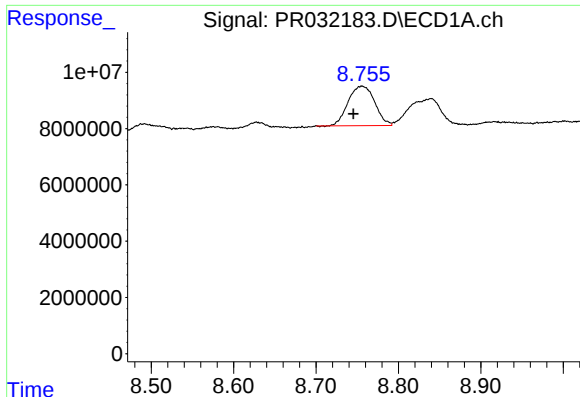
#42 AR-1268-2

R.T.: 8.114 min
Delta R.T.: -0.017 min
Response: 25353044
Conc: 27.42 ng/ml



#42 AR-1268-2

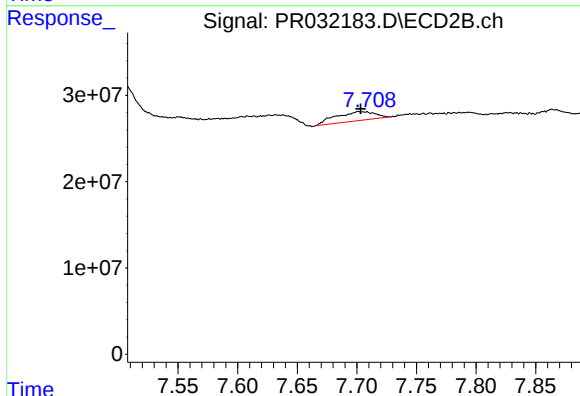
R.T.: 7.507 min
Delta R.T.: -0.001 min
Response: 60916415
Conc: 10.16 ng/ml



#43 AR-1268-3

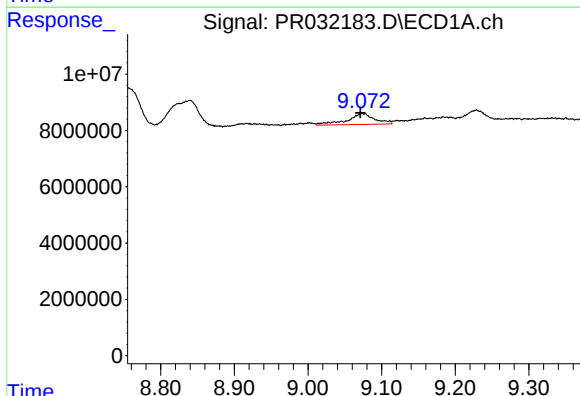
R.T.: 8.756 min
Delta R.T.: 0.010 min
Response: 31618101
Conc: 7.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



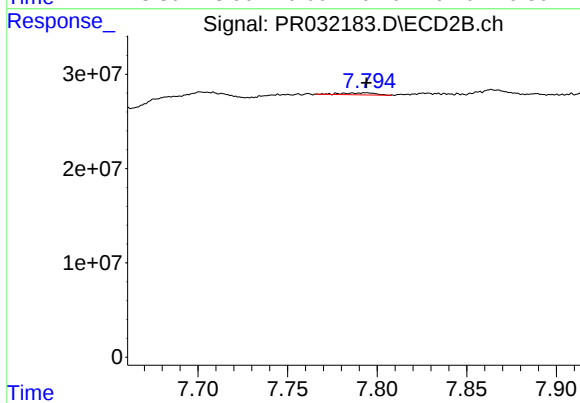
#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 24007807
Conc: 8.53 ng/ml



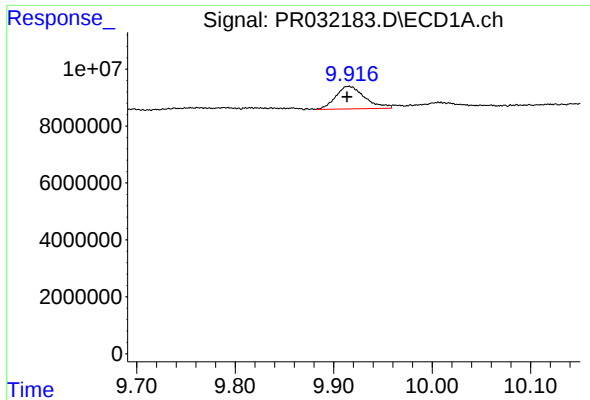
#44 AR-1268-4

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 10082596
Conc: 2.94 ng/ml



#44 AR-1268-4

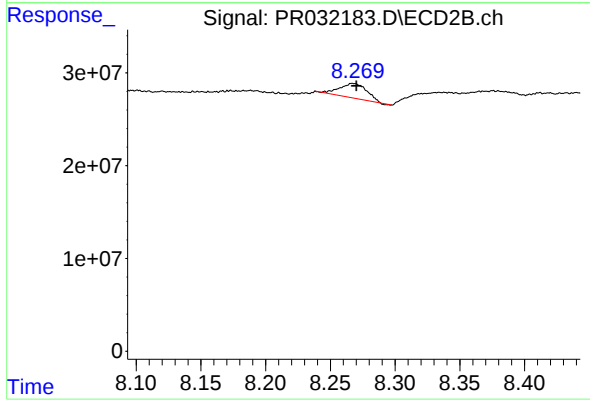
R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 2529309
Conc: 3.16 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 16287159
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.002 min
Response: 22954856
Conc: 3.18 ng/ml