

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072121\
 Data File : PP037494.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jul 2021 18:15
 Operator : DD\AJ
 Sample : M3059-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 00:33:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.958	3.948	910801	534006	20.040	19.515
2)	SA Decachlor...	10.989	9.241	736972	459280	16.009	16.500
Target Compounds							
3)	L1 AR-1016-1	6.283	5.223f	17465	8126	10.051	7.863
4)	L1 AR-1016-2	6.297	5.223	5929	8126	2.371	5.676 #
5)	L1 AR-1016-3	6.370	0.000	9184	0	5.767	N.D. #
6)	L1 AR-1016-4	6.474	5.461	6368	14889	4.830	24.668 #
7)	L1 AR-1016-5	6.791	5.689	6438	23543	5.090	30.488 #
8)	L2 AR-1221-1	5.208	0.000	45747	0	86.254	N.D. #
9)	L2 AR-1221-2	5.309	0.000	20241	0	49.961	N.D. #
10)	L2 AR-1221-3	5.408	4.391	19965	13904	16.386	18.693
11)	L3 AR-1232-1	5.408	4.391	19965	13904	17.969	20.478
12)	L3 AR-1232-2	5.981	5.223	579	8126	0.971	12.983 #
13)	L3 AR-1232-3	6.297	0.000	5929	0	5.418	N.D. #
14)	L3 AR-1232-4	6.474	5.503	6368	9300	10.969	33.730 #
15)	L3 AR-1232-5	6.572	5.689	33234	23543	86.415	79.196
16)	L4 AR-1242-1	6.283	5.223f	17465	8126	13.702	10.782
17)	L4 AR-1242-2	6.297	5.223	5929	8126	3.270	7.897 #
18)	L4 AR-1242-3	6.370	0.000	9184	0	7.985	N.D. #
19)	L4 AR-1242-4	6.474	5.503	6368	9300	6.652	18.045 #
20)	L4 AR-1242-5	7.263	6.069	63912	122563	61.456	180.060 #
21)	L5 AR-1248-1	6.283	5.223f	17465	8126	16.640	12.877
22)	L5 AR-1248-2	6.572	5.461	33234	14889	22.387	18.152
23)	L5 AR-1248-3	6.791	5.503	6438	9300	3.898	10.867 #
24)	L5 AR-1248-4	7.218	5.689	85583	23543	45.279	23.134 #
25)	L5 AR-1248-5	7.263	6.113	63912	10238	34.148	9.652 #
26)	L6 AR-1254-1	7.190	6.069	264437	122563	147.196	82.558 #
27)	L6 AR-1254-2	7.419	6.229	228342	71005	82.088	54.662 #
28)	L6 AR-1254-3	7.800	6.648	142731	70489	46.296	33.031 #
29)	L6 AR-1254-4	8.095	6.890	74267	21510	32.696	15.854 #
30)	L6 AR-1254-5	8.524	7.318	316378	307290	126.430	163.919 #
31)	L7 AR-1260-1	7.966	6.786	265870	170303	120.771	123.246
32)	L7 AR-1260-2	8.232	6.985	354735	161997	127.521	96.431
33)	L7 AR-1260-3	8.597	7.138	230112	170091	113.850	99.271
34)	L7 AR-1260-4	8.828	7.623	412377	180175	167.646	132.527
35)	L7 AR-1260-5	9.157	7.871	485492	170912	105.212	52.989 #
36)	L8 AR-1262-1	8.597	7.318	230112	307290	79.008	295.929 #
37)	L8 AR-1262-2	9.157	7.871	485492	170912	92.444	49.132 #
38)	L8 AR-1262-3	9.467	8.165	103883	182014	27.112	129.275 #
39)	L8 AR-1262-4	9.542f	8.222	281227	279190	95.707	104.841
40)	L8 AR-1262-5	10.256f	8.723	100672	82852	47.346	65.548 #
41)	L9 AR-1268-1	9.467	8.165	103883	182014	17.106	45.674 #

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 Operator : DD\AJ
 Sample : M3059-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

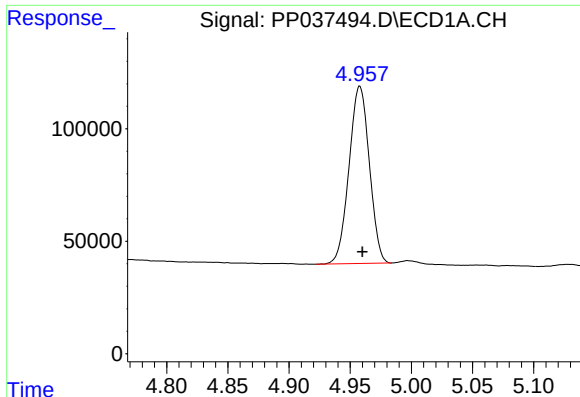
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 00:33:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.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
42) L9	AR-1268-2	9.583f	8.222	11249	279190	1.957	75.433 #
43) L9	AR-1268-3	9.788	8.449	133170	168243	27.159	53.558 #
44) L9	AR-1268-4	10.256f	8.723	100672	82852	44.006	60.455 #
45) L9	AR-1268-5	10.652	9.030f	117147	293532	7.399	28.519 #

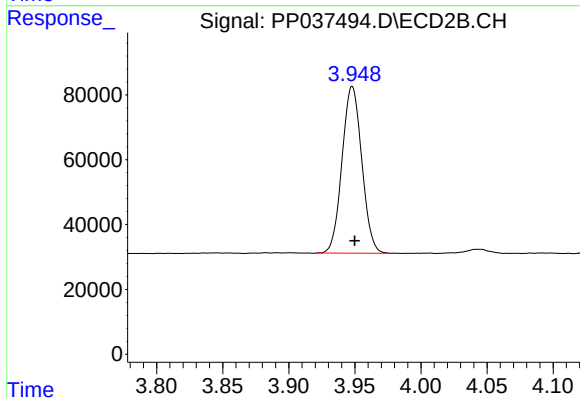
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

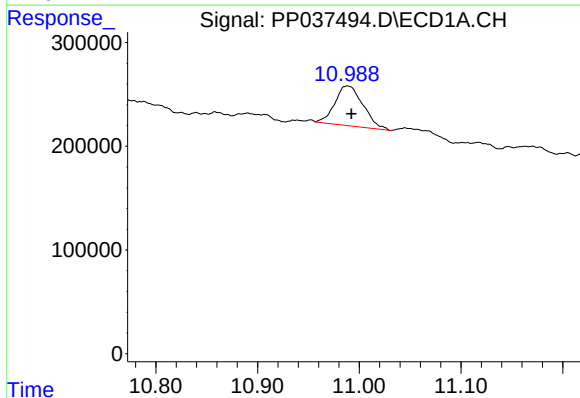
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 910801
Conc: 20.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



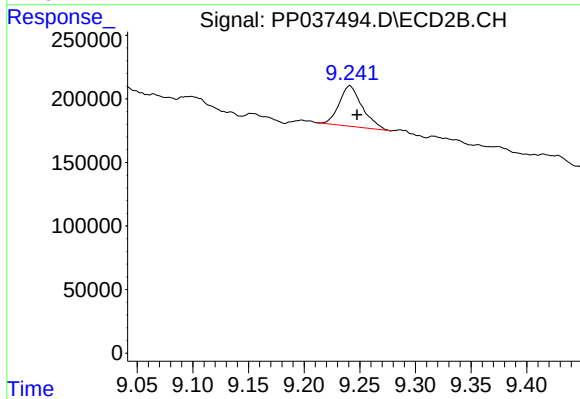
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 534006
Conc: 19.51 ng/ml



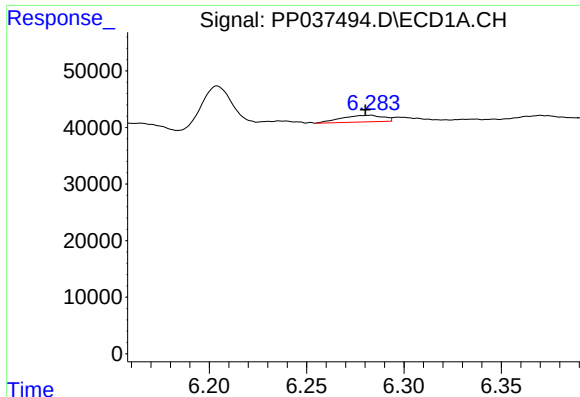
#2 Decachlorobiphenyl

R.T.: 10.989 min
Delta R.T.: -0.004 min
Response: 736972
Conc: 16.01 ng/ml



#2 Decachlorobiphenyl

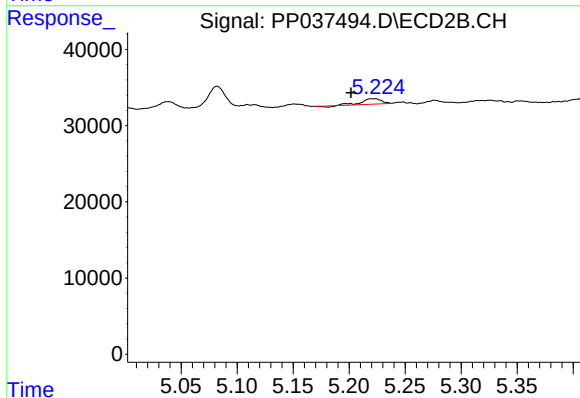
R.T.: 9.241 min
Delta R.T.: -0.006 min
Response: 459280
Conc: 16.50 ng/ml



#3 AR-1016-1

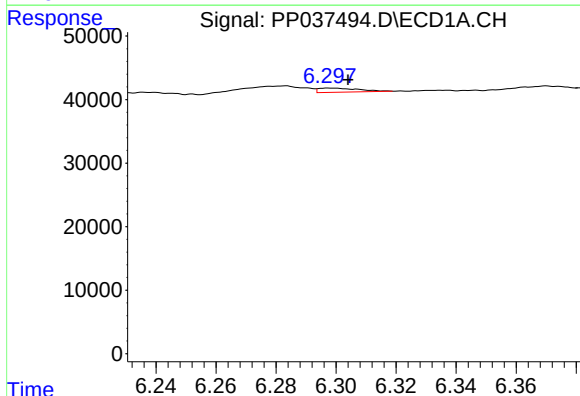
R.T.: 6.283 min
Delta R.T.: 0.003 min
Response: 17465
Conc: 10.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



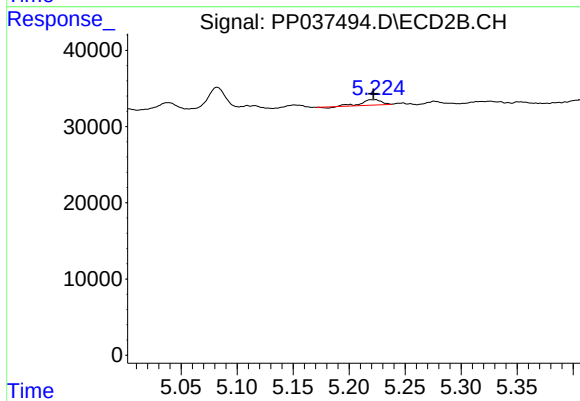
#3 AR-1016-1

R.T.: 5.223 min
Delta R.T.: 0.021 min
Response: 8126
Conc: 7.86 ng/ml



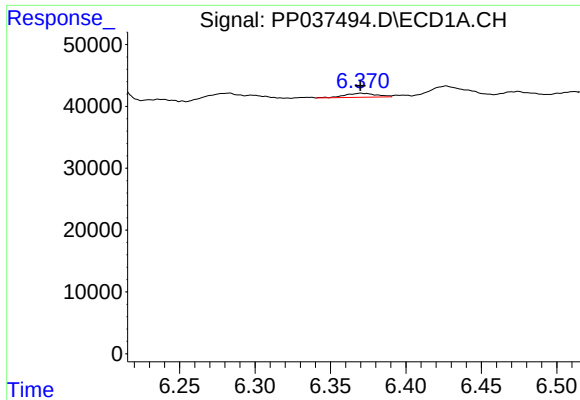
#4 AR-1016-2

R.T.: 6.297 min
Delta R.T.: -0.006 min
Response: 5929
Conc: 2.37 ng/ml



#4 AR-1016-2

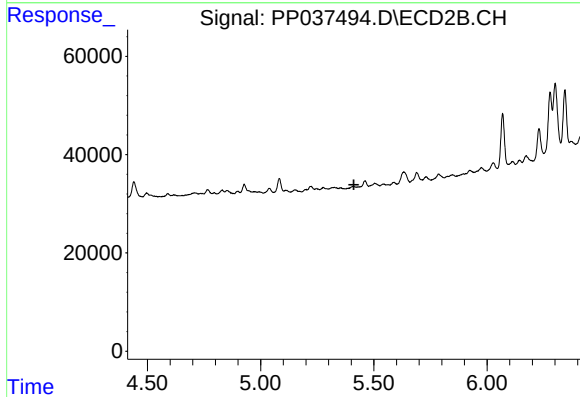
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 8126
Conc: 5.68 ng/ml



#5 AR-1016-3

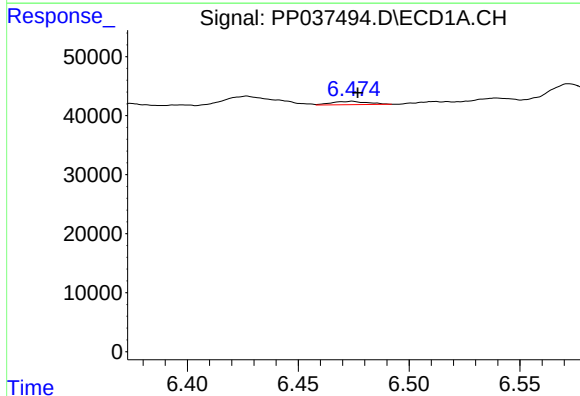
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 9184
Conc: 5.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



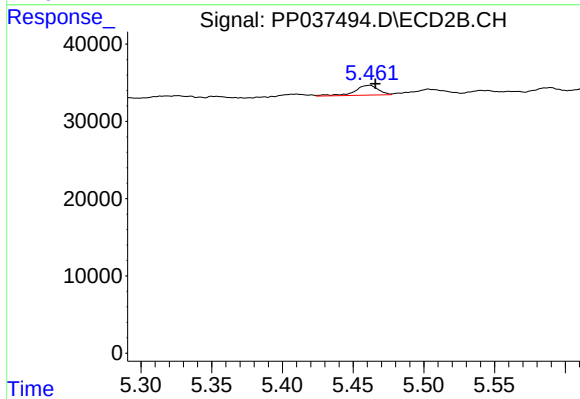
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.412 min
Response: 0
Conc: N.D.



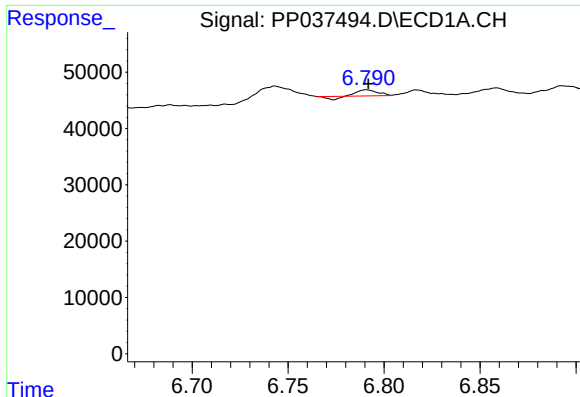
#6 AR-1016-4

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 6368
Conc: 4.83 ng/ml



#6 AR-1016-4

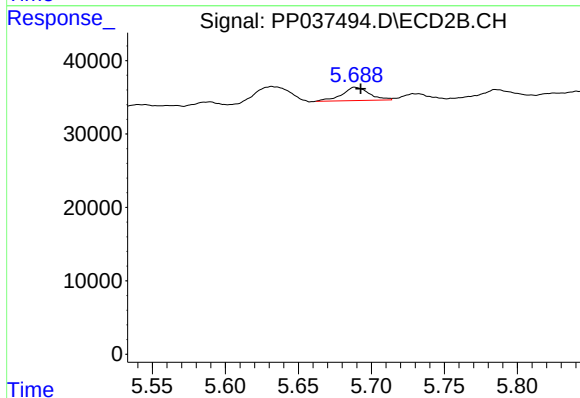
R.T.: 5.461 min
Delta R.T.: -0.004 min
Response: 14889
Conc: 24.67 ng/ml



#7 AR-1016-5

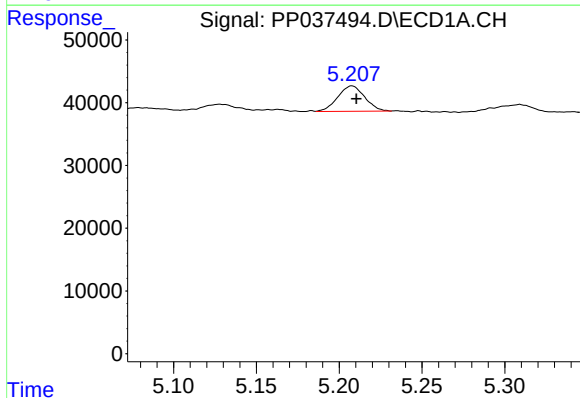
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 6438
Conc: 5.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



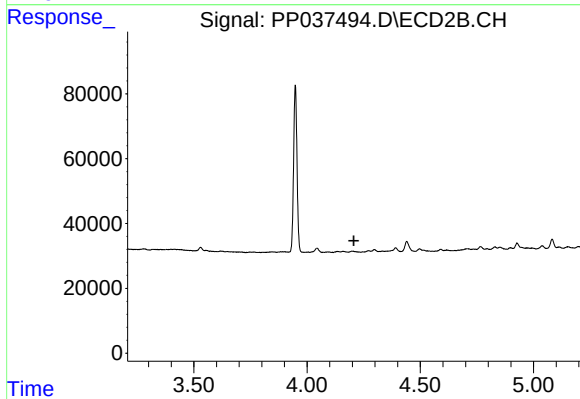
#7 AR-1016-5

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 23543
Conc: 30.49 ng/ml



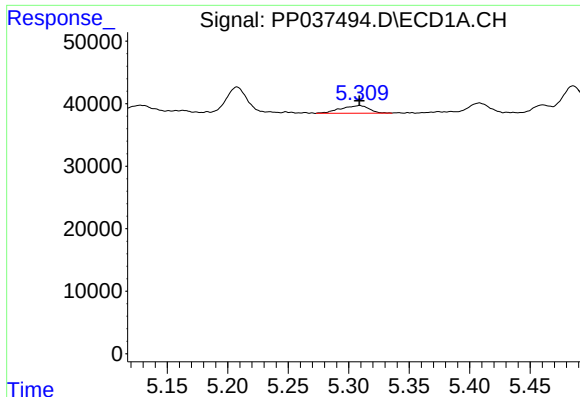
#8 AR-1221-1

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 45747
Conc: 86.25 ng/ml



#8 AR-1221-1

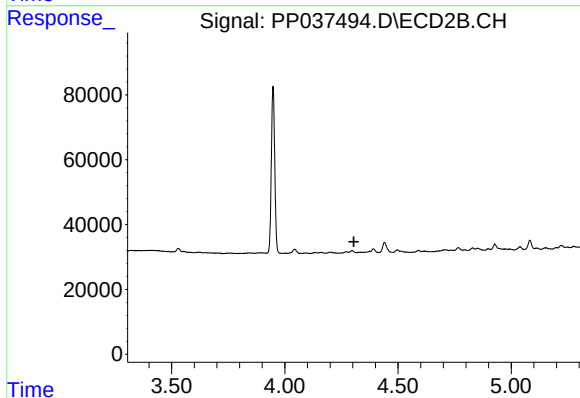
R.T.: 0.000 min
Exp R.T.: 4.207 min
Response: 0
Conc: N.D.



#9 AR-1221-2

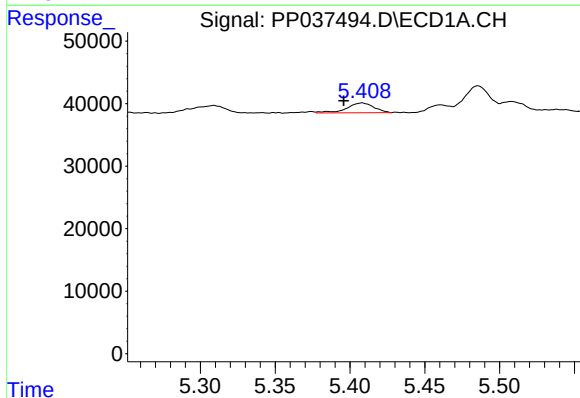
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 20241
Conc: 49.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



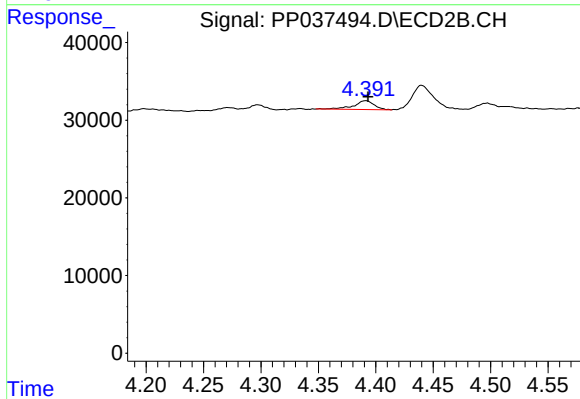
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.305 min
Response: 0
Conc: N.D.



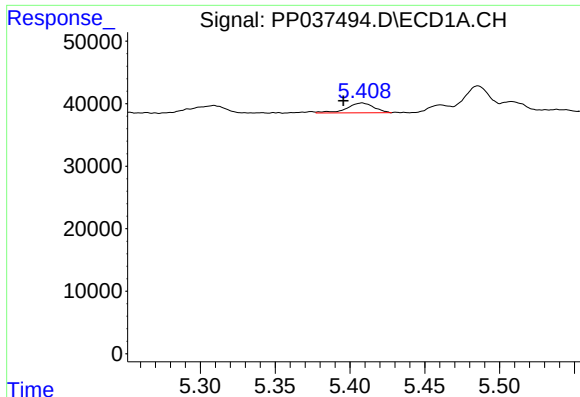
#10 AR-1221-3

R.T.: 5.408 min
Delta R.T.: 0.012 min
Response: 19965
Conc: 16.39 ng/ml



#10 AR-1221-3

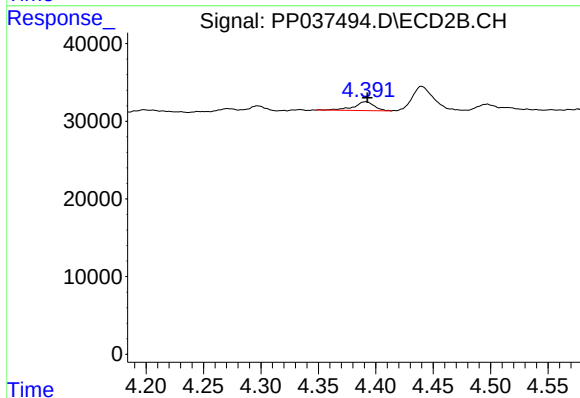
R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 13904
Conc: 18.69 ng/ml



#11 AR-1232-1

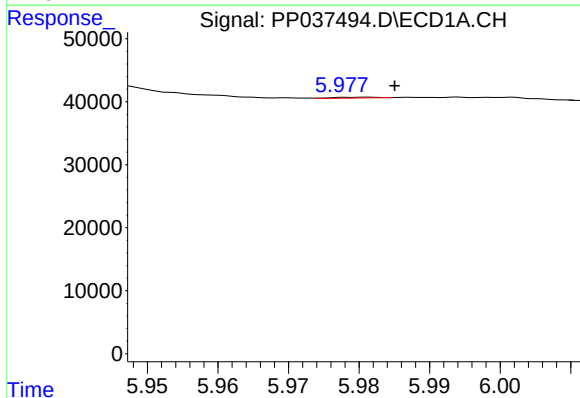
R.T.: 5.408 min
Delta R.T.: 0.013 min
Response: 19965
Conc: 17.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



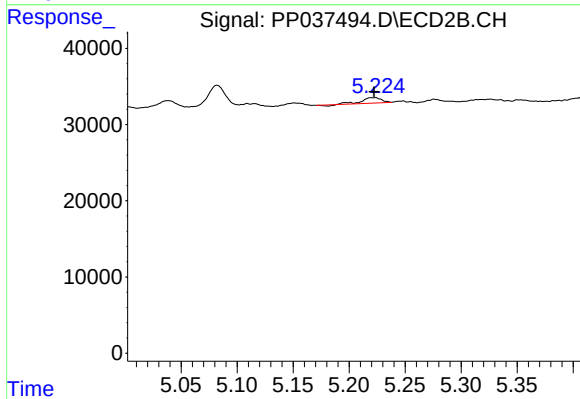
#11 AR-1232-1

R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 13904
Conc: 20.48 ng/ml



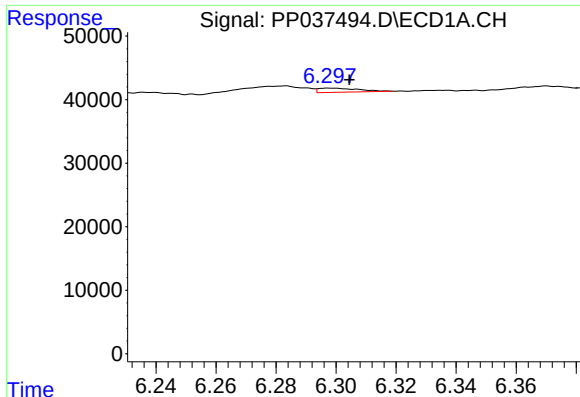
#12 AR-1232-2

R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 579
Conc: 0.97 ng/ml



#12 AR-1232-2

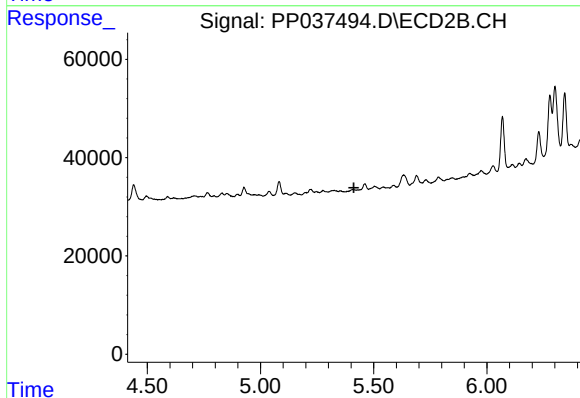
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 8126
Conc: 12.98 ng/ml



#13 AR-1232-3

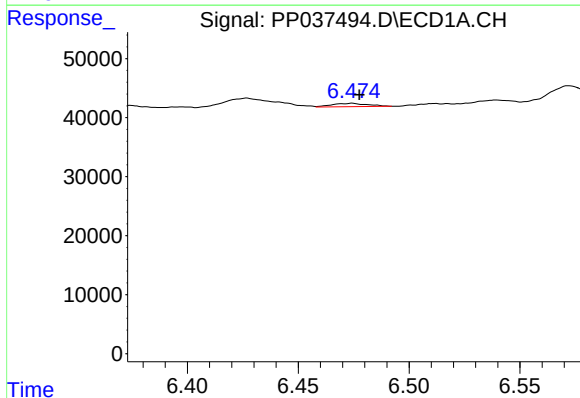
R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 5929
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



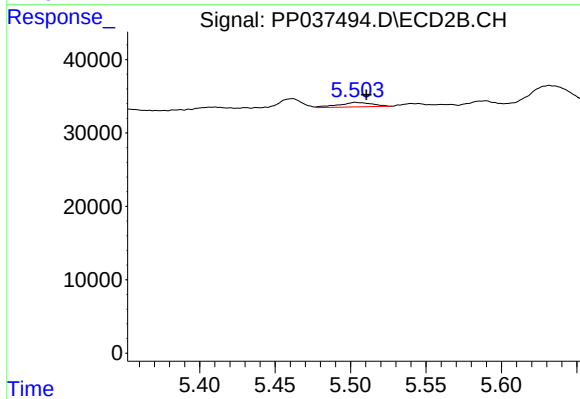
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.412 min
Response: 0
Conc: N.D.



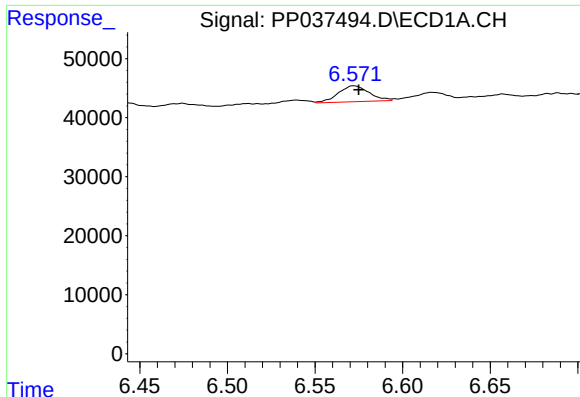
#14 AR-1232-4

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 6368
Conc: 10.97 ng/ml



#14 AR-1232-4

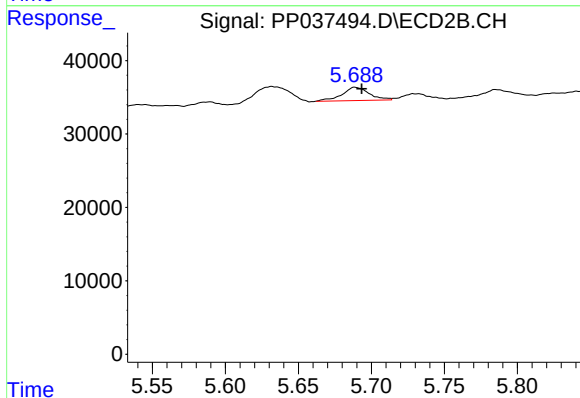
R.T.: 5.503 min
Delta R.T.: -0.007 min
Response: 9300
Conc: 33.73 ng/ml



#15 AR-1232-5

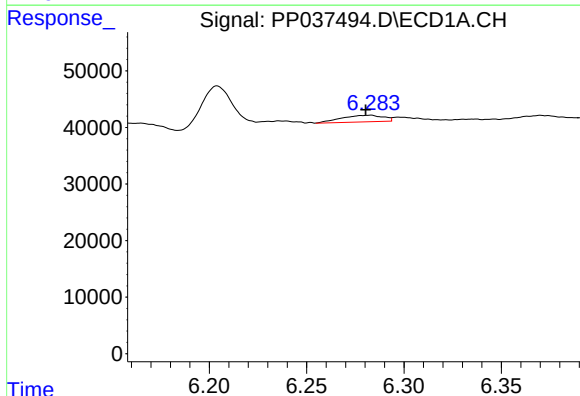
R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 33234
Conc: 86.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



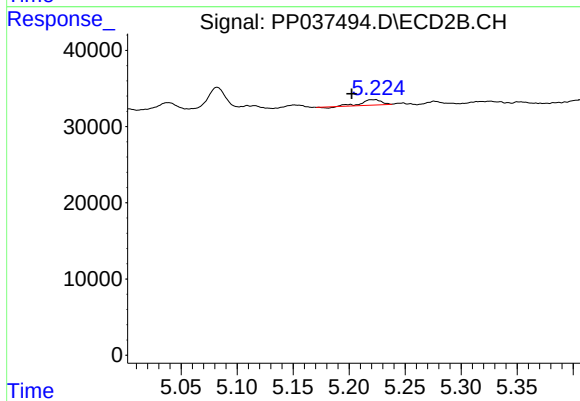
#15 AR-1232-5

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 23543
Conc: 79.20 ng/ml



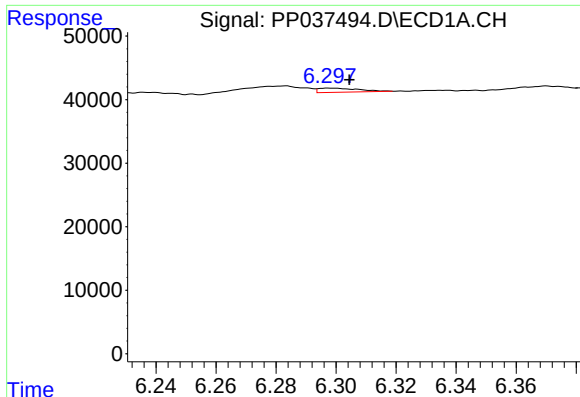
#16 AR-1242-1

R.T.: 6.283 min
Delta R.T.: 0.003 min
Response: 17465
Conc: 13.70 ng/ml



#16 AR-1242-1

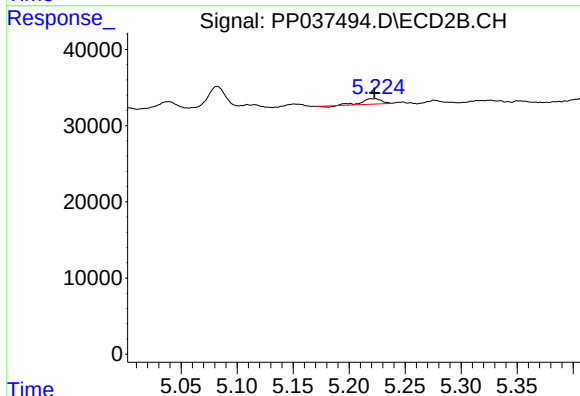
R.T.: 5.223 min
Delta R.T.: 0.020 min
Response: 8126
Conc: 10.78 ng/ml



#17 AR-1242-2

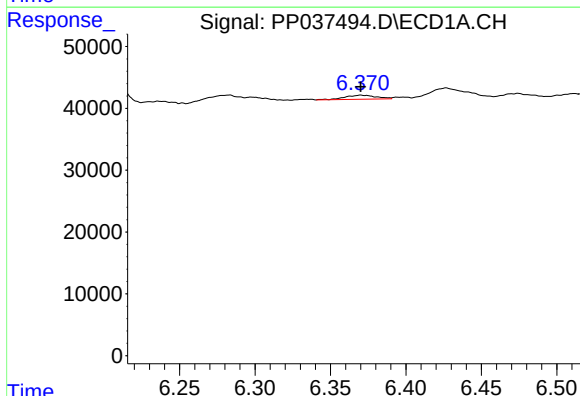
R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 5929
Conc: 3.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



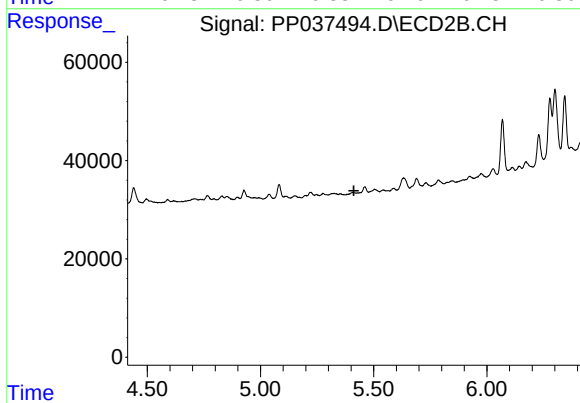
#17 AR-1242-2

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 8126
Conc: 7.90 ng/ml



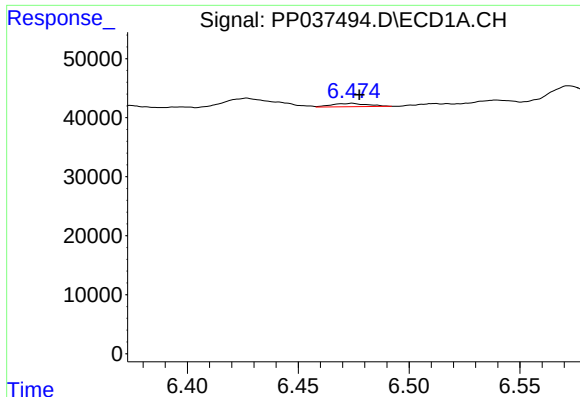
#18 AR-1242-3

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 9184
Conc: 7.99 ng/ml



#18 AR-1242-3

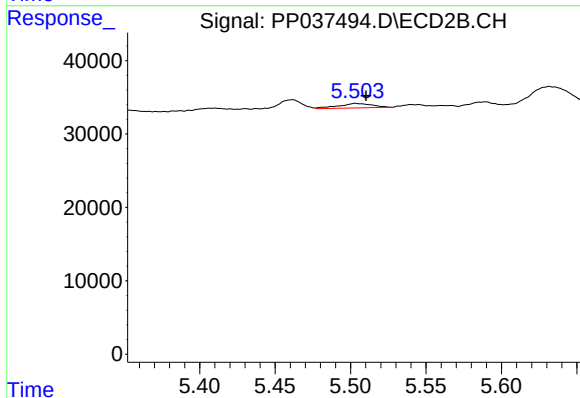
R.T.: 0.000 min
Exp R.T.: 5.412 min
Response: 0
Conc: N.D.



#19 AR-1242-4

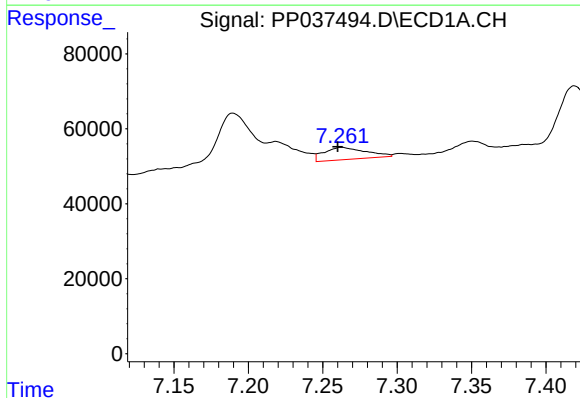
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 6368
Conc: 6.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



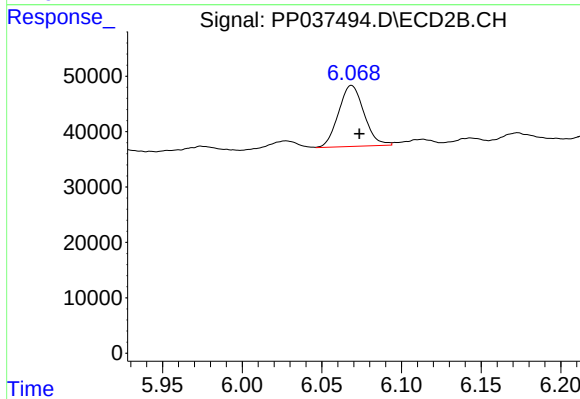
#19 AR-1242-4

R.T.: 5.503 min
Delta R.T.: -0.007 min
Response: 9300
Conc: 18.04 ng/ml



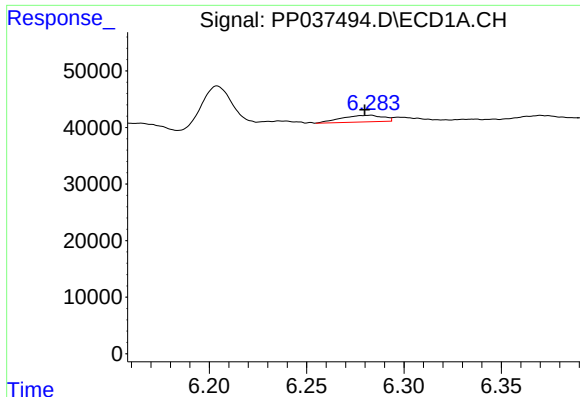
#20 AR-1242-5

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 63912
Conc: 61.46 ng/ml



#20 AR-1242-5

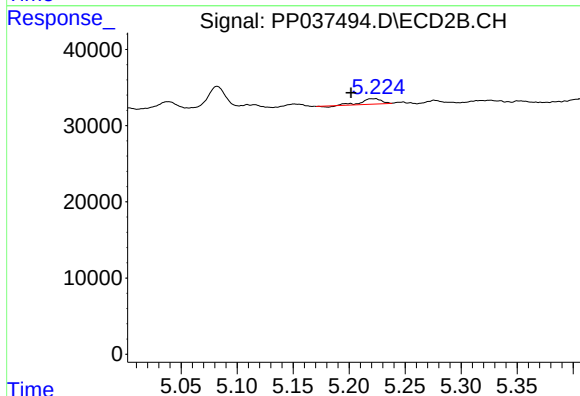
R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 122563
Conc: 180.06 ng/ml



#21 AR-1248-1

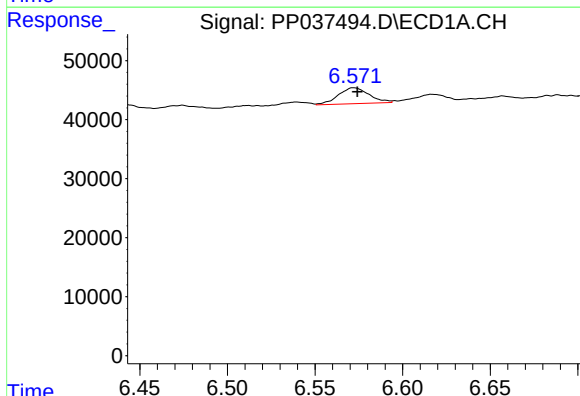
R.T.: 6.283 min
Delta R.T.: 0.003 min
Response: 17465
Conc: 16.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



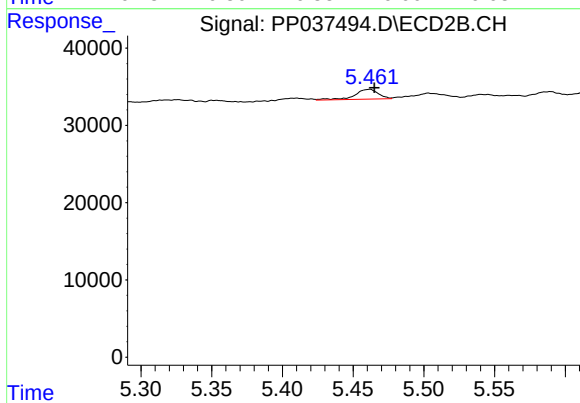
#21 AR-1248-1

R.T.: 5.223 min
Delta R.T.: 0.021 min
Response: 8126
Conc: 12.88 ng/ml



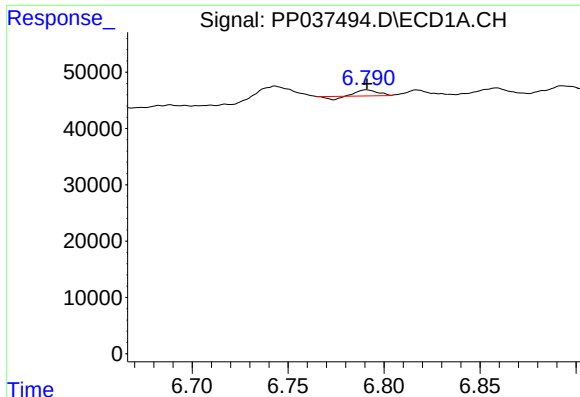
#22 AR-1248-2

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 33234
Conc: 22.39 ng/ml



#22 AR-1248-2

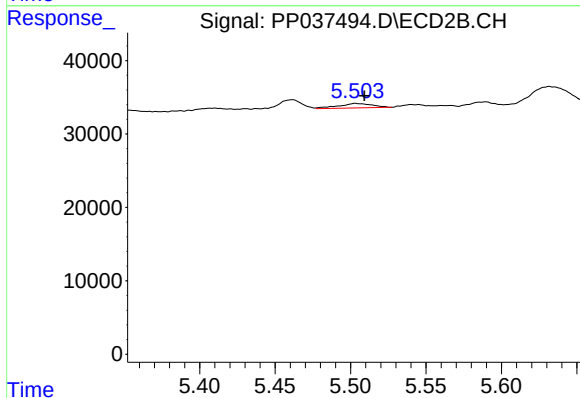
R.T.: 5.461 min
Delta R.T.: -0.004 min
Response: 14889
Conc: 18.15 ng/ml



#23 AR-1248-3

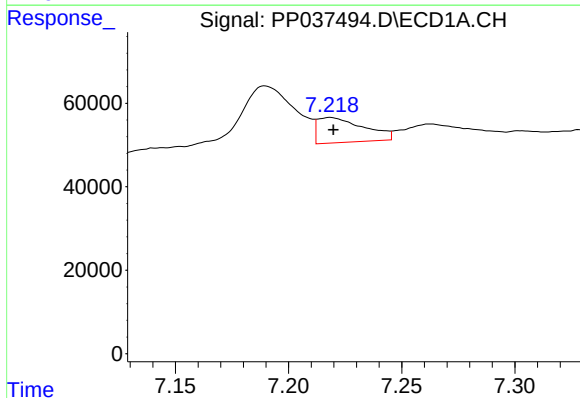
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 6438
Conc: 3.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



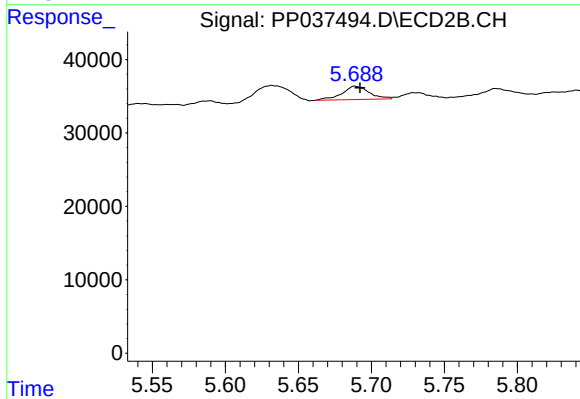
#23 AR-1248-3

R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 9300
Conc: 10.87 ng/ml



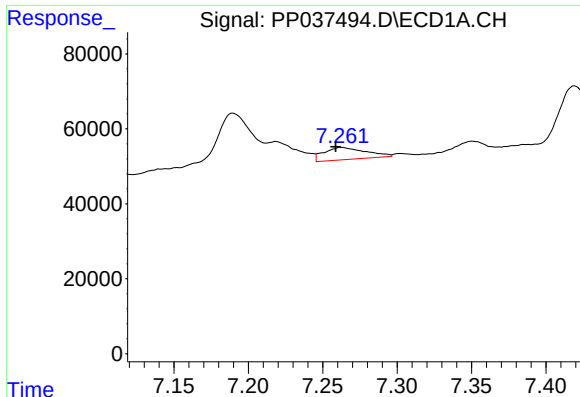
#24 AR-1248-4

R.T.: 7.218 min
Delta R.T.: -0.001 min
Response: 85583
Conc: 45.28 ng/ml



#24 AR-1248-4

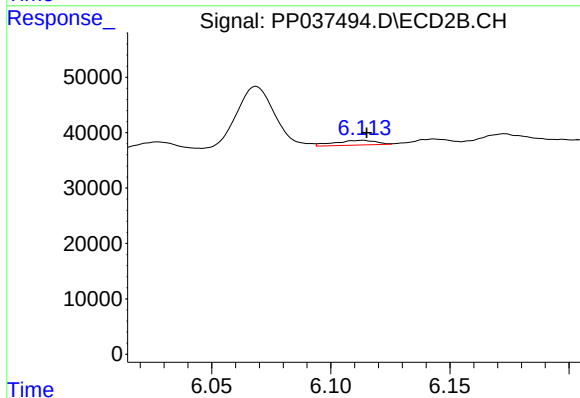
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 23543
Conc: 23.13 ng/ml



#25 AR-1248-5

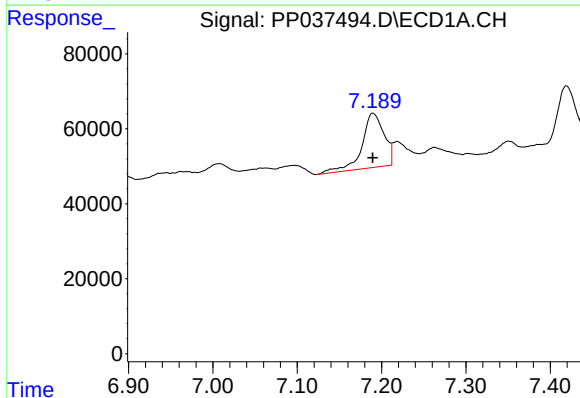
R.T.: 7.263 min
Delta R.T.: 0.004 min
Response: 63912
Conc: 34.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



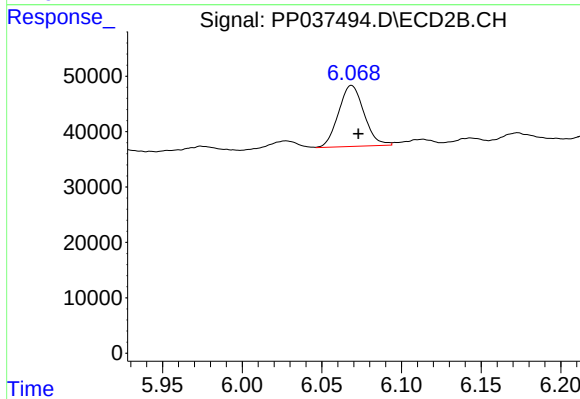
#25 AR-1248-5

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 10238
Conc: 9.65 ng/ml



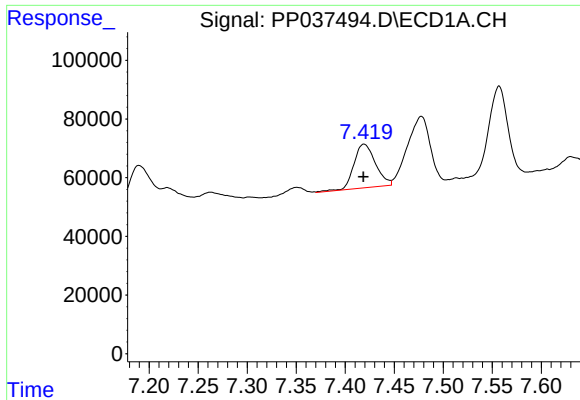
#26 AR-1254-1

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 264437
Conc: 147.20 ng/ml



#26 AR-1254-1

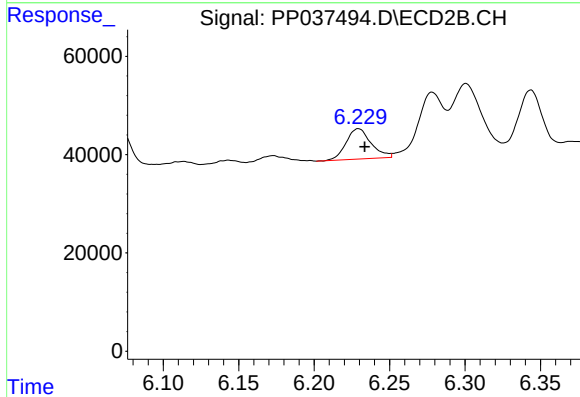
R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 122563
Conc: 82.56 ng/ml



#27 AR-1254-2

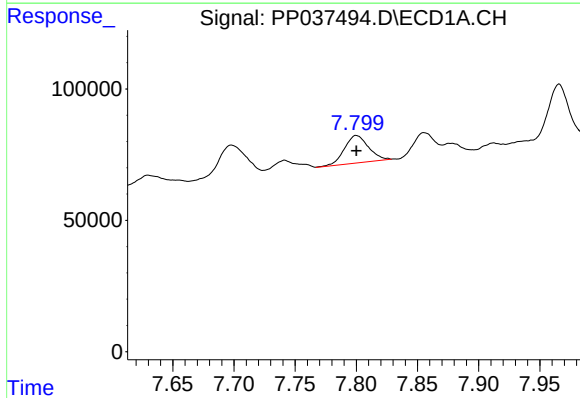
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 228342
Conc: 82.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



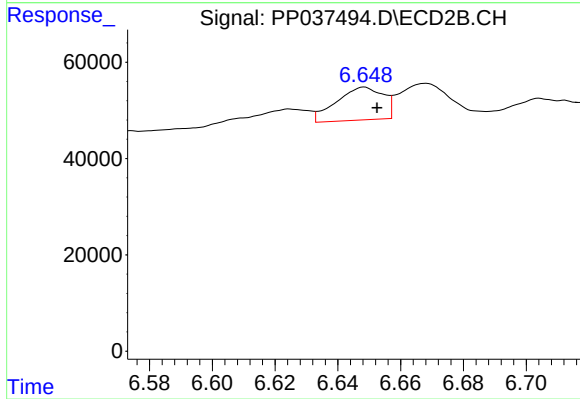
#27 AR-1254-2

R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 71005
Conc: 54.66 ng/ml



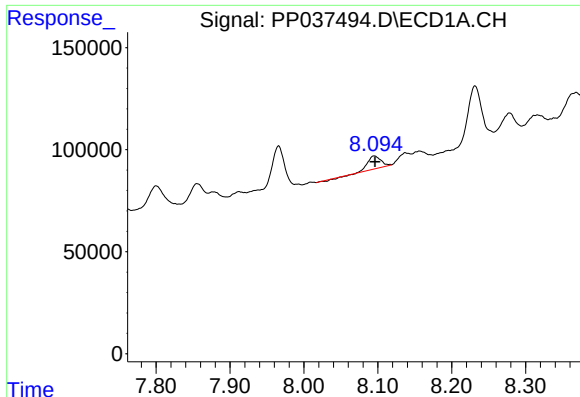
#28 AR-1254-3

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 142731
Conc: 46.30 ng/ml



#28 AR-1254-3

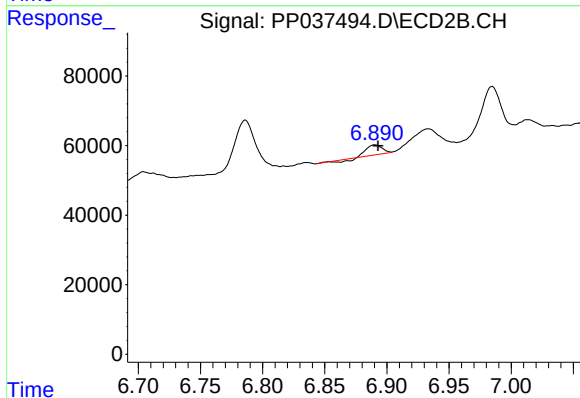
R.T.: 6.648 min
Delta R.T.: -0.004 min
Response: 70489
Conc: 33.03 ng/ml



#29 AR-1254-4

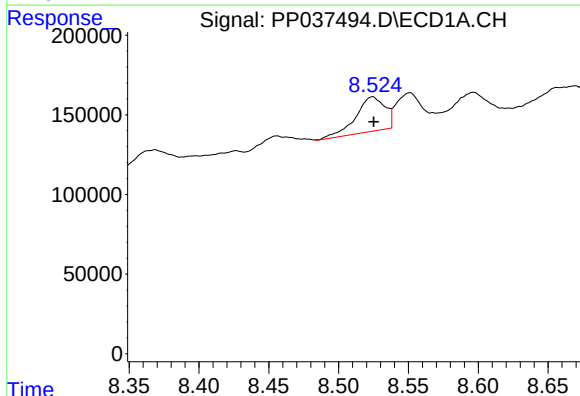
R.T.: 8.095 min
Delta R.T.: -0.001 min
Response: 74267
Conc: 32.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



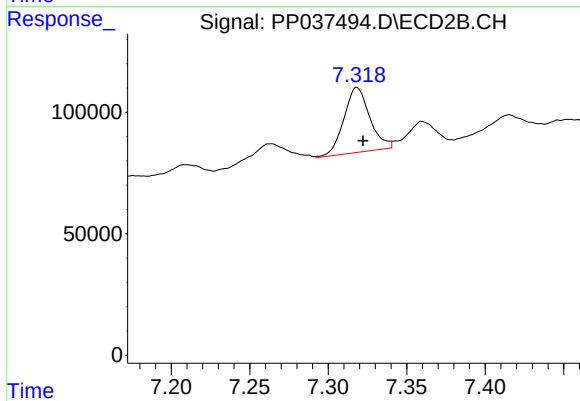
#29 AR-1254-4

R.T.: 6.890 min
Delta R.T.: -0.003 min
Response: 21510
Conc: 15.85 ng/ml



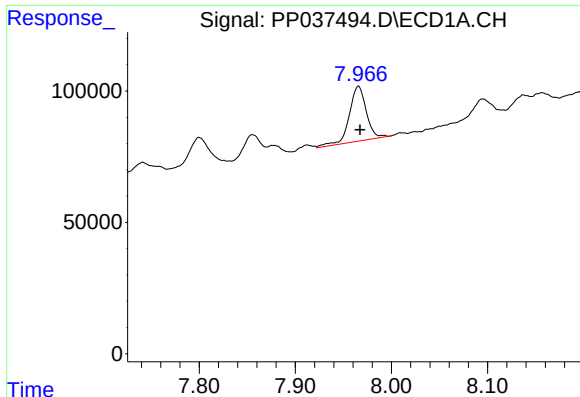
#30 AR-1254-5

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 316378
Conc: 126.43 ng/ml



#30 AR-1254-5

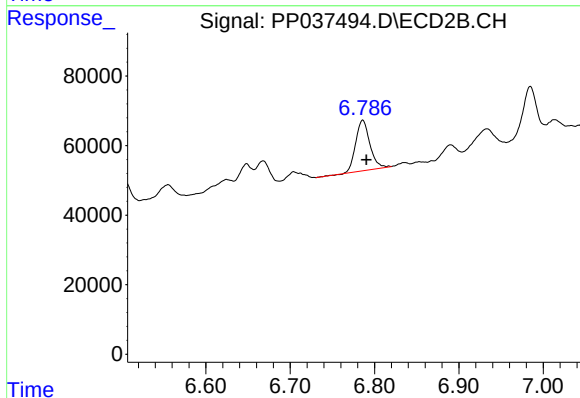
R.T.: 7.318 min
Delta R.T.: -0.004 min
Response: 307290
Conc: 163.92 ng/ml



#31 AR-1260-1

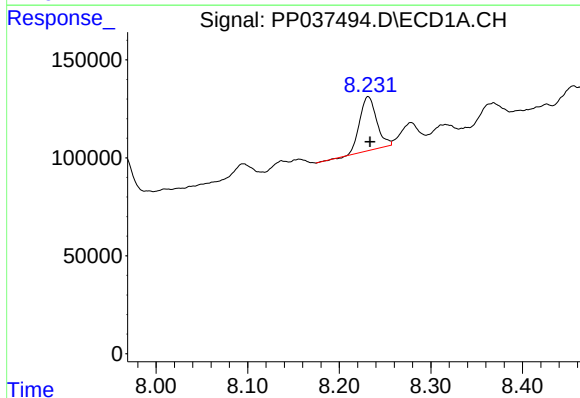
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 265870
Conc: 120.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



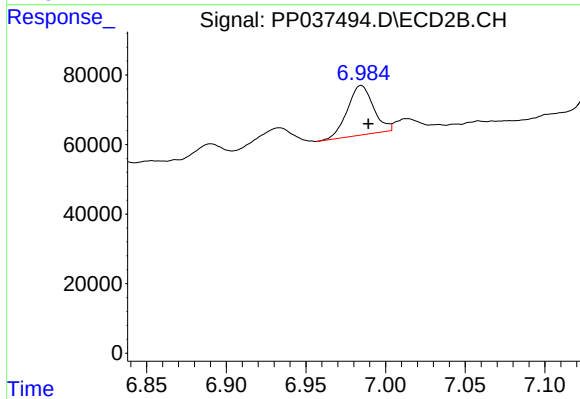
#31 AR-1260-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 170303
Conc: 123.25 ng/ml



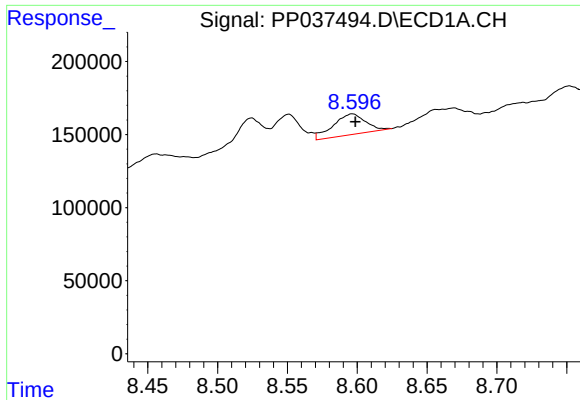
#32 AR-1260-2

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 354735
Conc: 127.52 ng/ml



#32 AR-1260-2

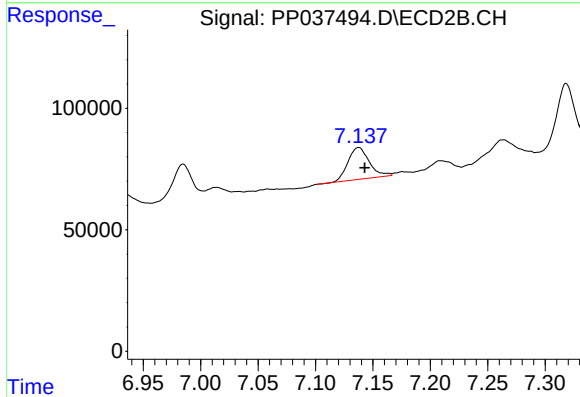
R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 161997
Conc: 96.43 ng/ml



#33 AR-1260-3

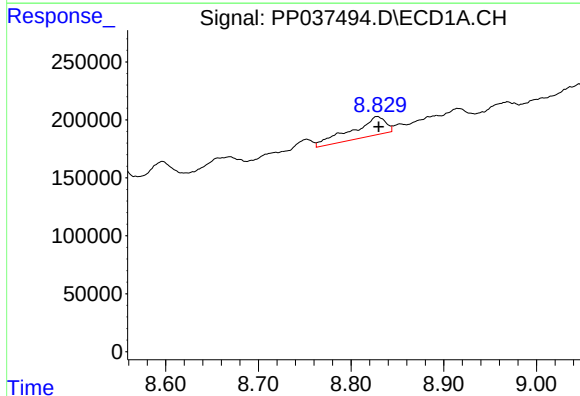
R.T.: 8.597 min
Delta R.T.: -0.002 min
Response: 230112
Conc: 113.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



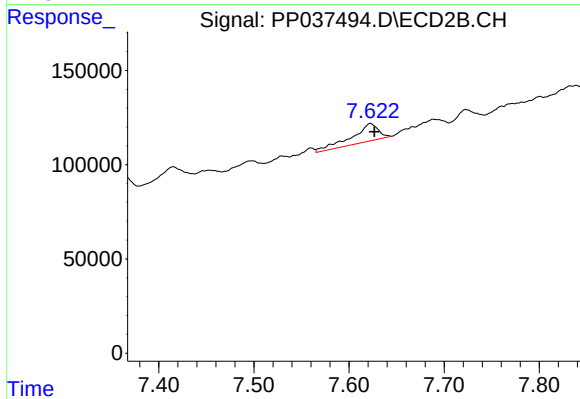
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 170091
Conc: 99.27 ng/ml



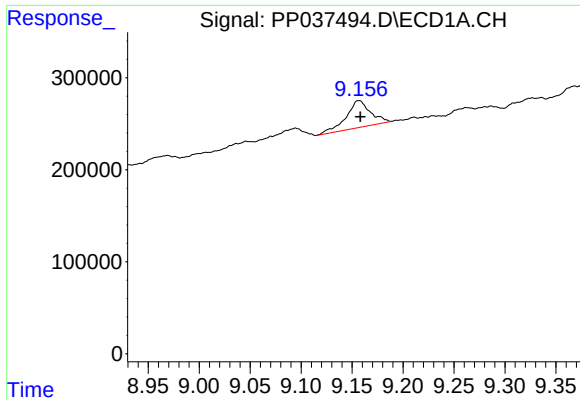
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: -0.002 min
Response: 412377
Conc: 167.65 ng/ml



#34 AR-1260-4

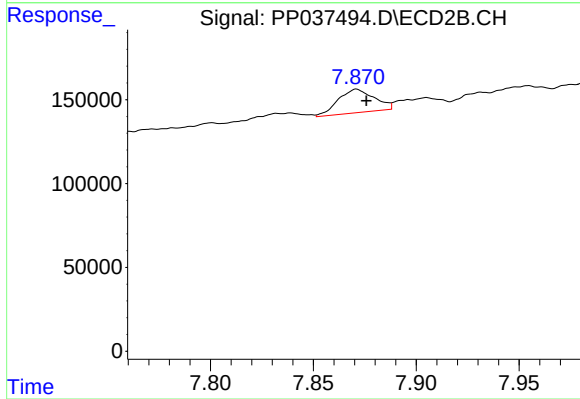
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 180175
Conc: 132.53 ng/ml



#35 AR-1260-5

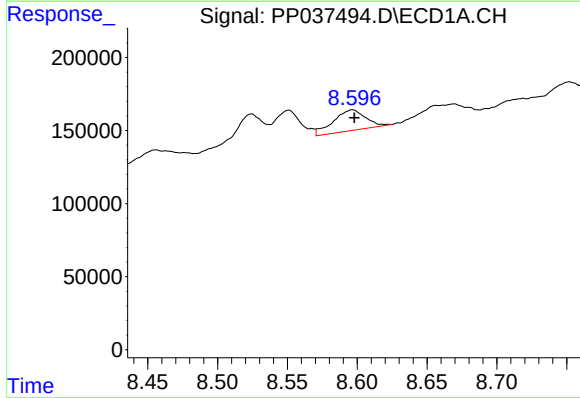
R.T.: 9.157 min
Delta R.T.: -0.001 min
Response: 485492
Conc: 105.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



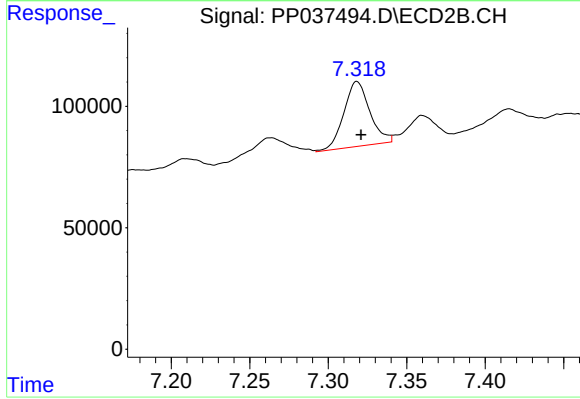
#35 AR-1260-5

R.T.: 7.871 min
Delta R.T.: -0.005 min
Response: 170912
Conc: 52.99 ng/ml



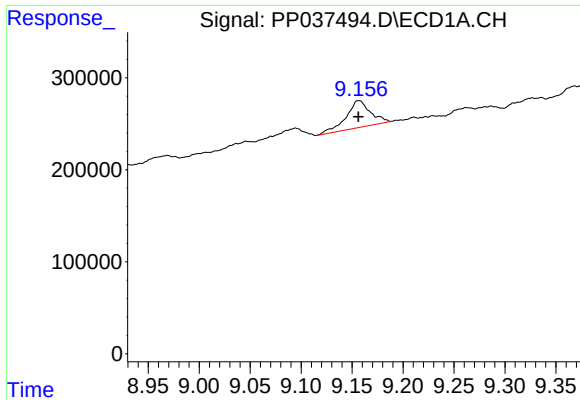
#36 AR-1262-1

R.T.: 8.597 min
Delta R.T.: -0.001 min
Response: 230112
Conc: 79.01 ng/ml



#36 AR-1262-1

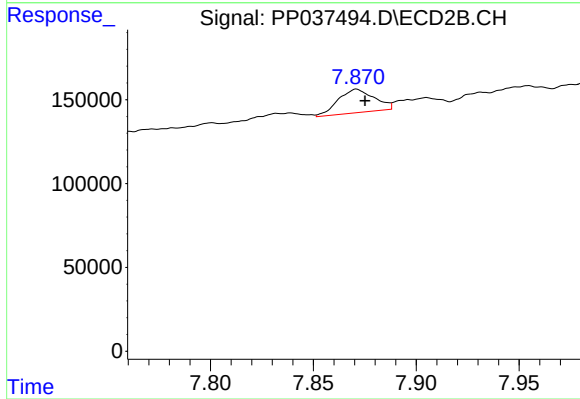
R.T.: 7.318 min
Delta R.T.: -0.002 min
Response: 307290
Conc: 295.93 ng/ml



#37 AR-1262-2

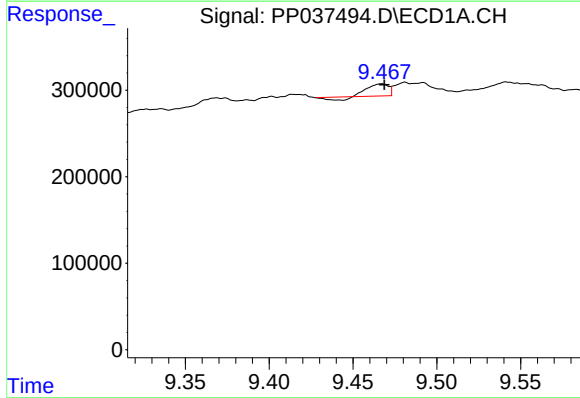
R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 485492
Conc: 92.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



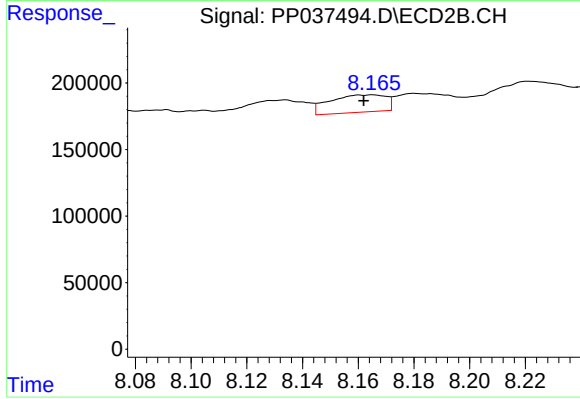
#37 AR-1262-2

R.T.: 7.871 min
Delta R.T.: -0.004 min
Response: 170912
Conc: 49.13 ng/ml



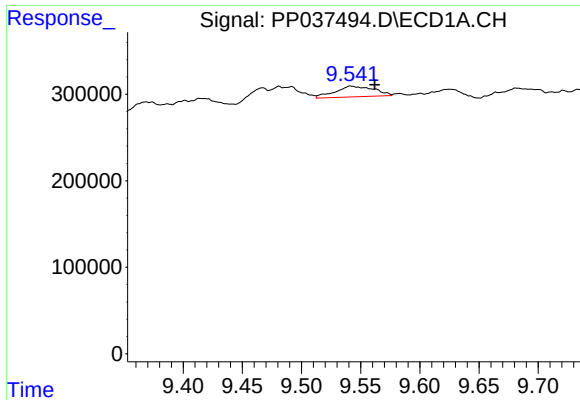
#38 AR-1262-3

R.T.: 9.467 min
Delta R.T.: -0.002 min
Response: 103883
Conc: 27.11 ng/ml



#38 AR-1262-3

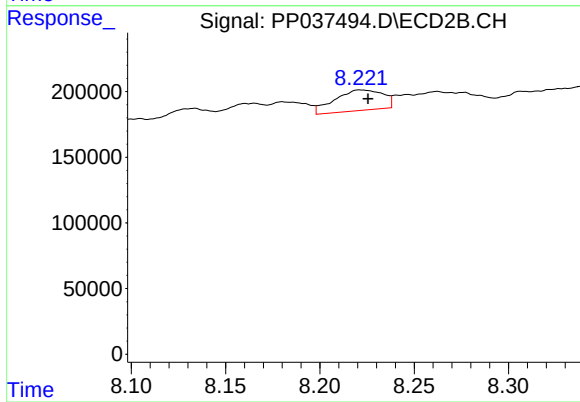
R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 182014
Conc: 129.28 ng/ml



#39 AR-1262-4

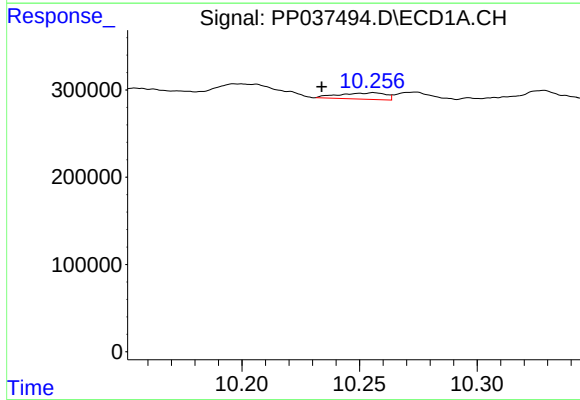
R.T.: 9.542 min
Delta R.T.: -0.020 min
Response: 281227
Conc: 95.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



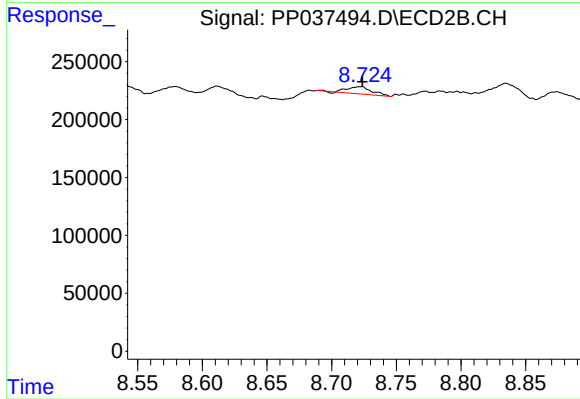
#39 AR-1262-4

R.T.: 8.222 min
Delta R.T.: -0.004 min
Response: 279190
Conc: 104.84 ng/ml



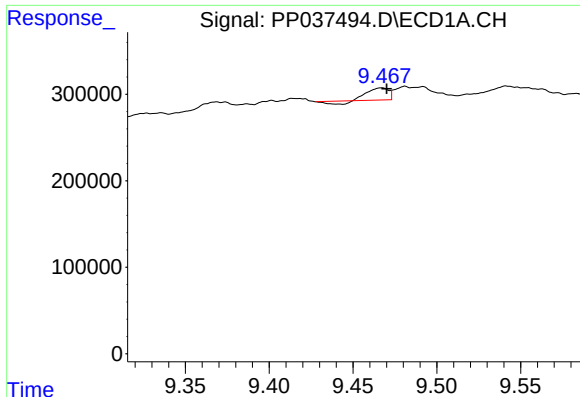
#40 AR-1262-5

R.T.: 10.256 min
Delta R.T.: 0.022 min
Response: 100672
Conc: 47.35 ng/ml



#40 AR-1262-5

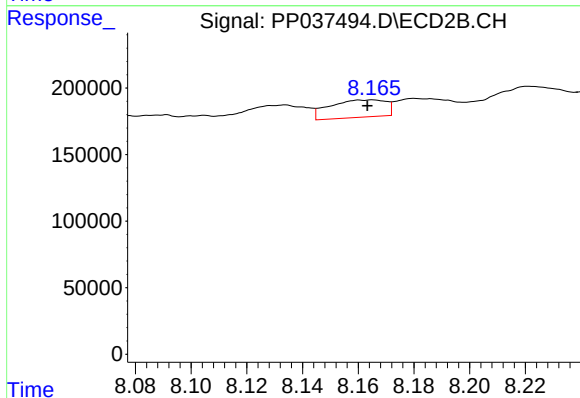
R.T.: 8.723 min
Delta R.T.: -0.001 min
Response: 82852
Conc: 65.55 ng/ml



#41 AR-1268-1

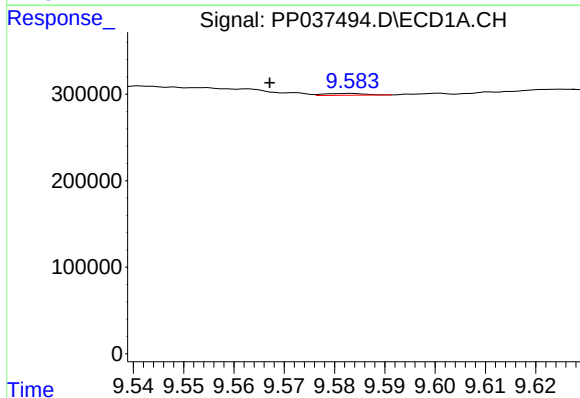
R.T.: 9.467 min
Delta R.T.: -0.003 min
Response: 103883
Conc: 17.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



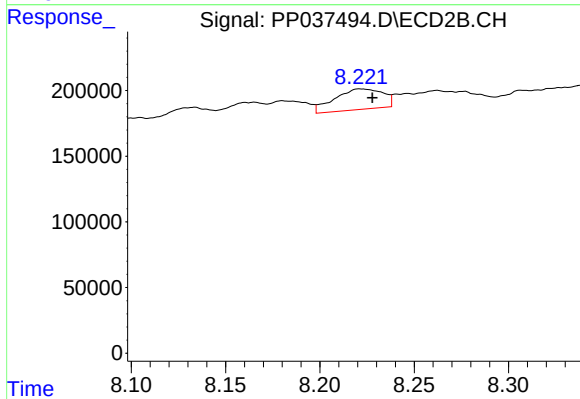
#41 AR-1268-1

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 182014
Conc: 45.67 ng/ml



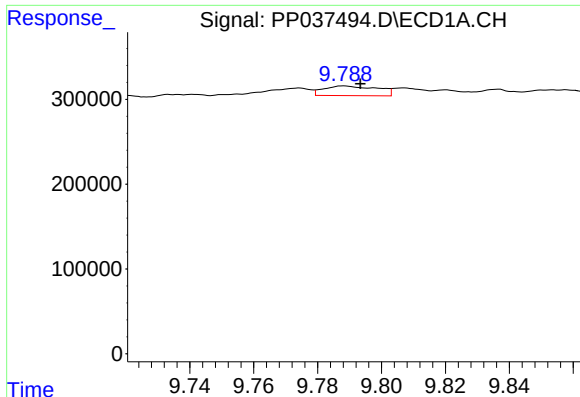
#42 AR-1268-2

R.T.: 9.583 min
Delta R.T.: 0.016 min
Response: 11249
Conc: 1.96 ng/ml



#42 AR-1268-2

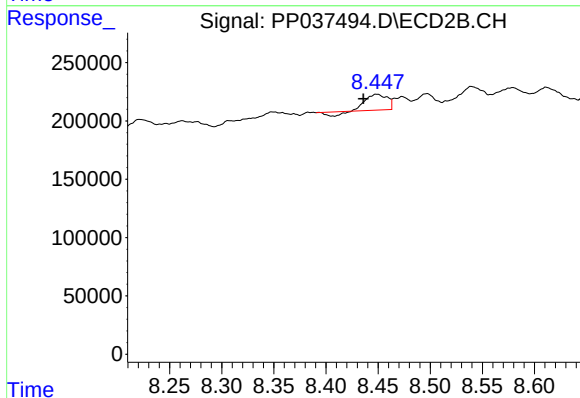
R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 279190
Conc: 75.43 ng/ml



#43 AR-1268-3

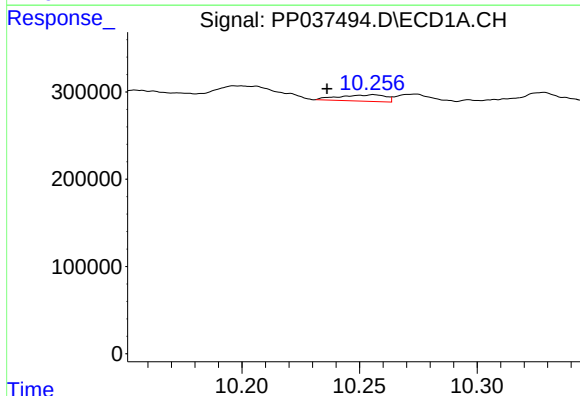
R.T.: 9.788 min
Delta R.T.: -0.005 min
Response: 133170
Conc: 27.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



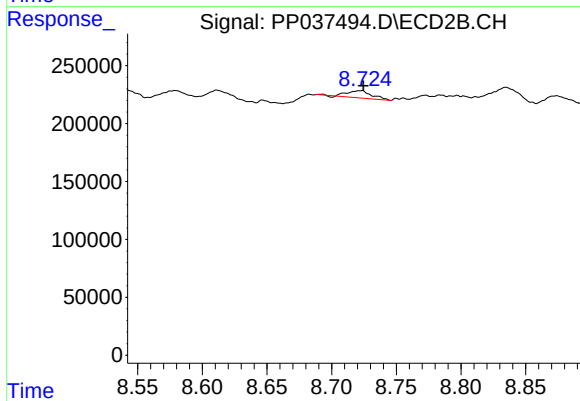
#43 AR-1268-3

R.T.: 8.449 min
Delta R.T.: 0.013 min
Response: 168243
Conc: 53.56 ng/ml



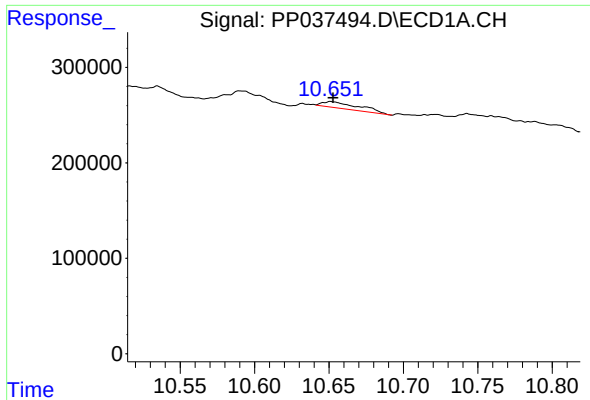
#44 AR-1268-4

R.T.: 10.256 min
Delta R.T.: 0.020 min
Response: 100672
Conc: 44.01 ng/ml



#44 AR-1268-4

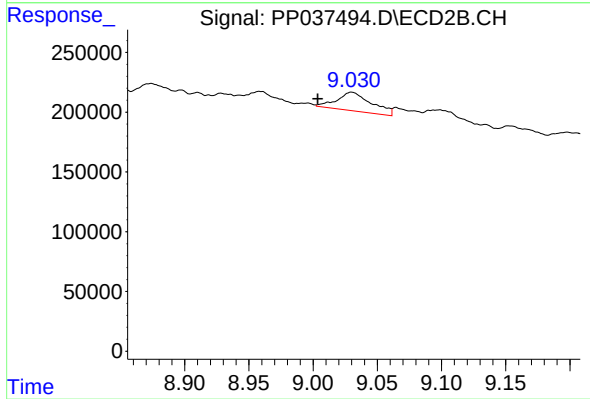
R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 82852
Conc: 60.45 ng/ml



#45 AR-1268-5

R.T.: 10.652 min
Delta R.T.: -0.001 min
Response: 117147
Conc: 7.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.030 min
Delta R.T.: 0.026 min
Response: 293532
Conc: 28.52 ng/ml