

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121721\
 Data File : PP042069.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Dec 2021 00:11
 Operator : AJ\MA
 Sample : M5089-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MS-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 03:48:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 06:21:48 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...	4.928	4.068	286379	483671	22.196	19.716
2)	SA Decachlor...	10.924	9.428	250846	343547	19.035	17.087
Target Compounds							
3)	L1 AR-1016-1	6.219	5.367f	26147	-4662	63.952	N.D. #
4)	L1 AR-1016-2	6.261	5.367	8566	-4662	14.195	N.D. #
6)	L1 AR-1016-4	0.000	5.602	0	115002	N.D.	189.401 #
7)	L1 AR-1016-5	0.000	5.814f	0	13672	N.D.	17.100 #
8)	L2 AR-1221-1	5.161	0.000	40854	0	276.443	N.D. #
9)	L2 AR-1221-2	5.277	4.425	21274	7764	202.010	35.871 #
10)	L2 AR-1221-3	5.349	0.000	14795	0	45.768	N.D. #
11)	L3 AR-1232-1	5.349	0.000	14795	0	57.303	N.D. #
12)	L3 AR-1232-2	5.918f	5.367	148020	-4662	1090.933	N.D. #
13)	L3 AR-1232-3	6.261	0.000	8566	0	36.114	N.D. #
14)	L3 AR-1232-4	0.000	5.668f	0	41090	N.D.	156.334 #
15)	L3 AR-1232-5	6.527	5.814f	9421	13672	120.602	48.617 #
16)	L4 AR-1242-1	6.219f	5.367f	26147	-4662	87.473	N.D. #
17)	L4 AR-1242-2	6.261	5.367	8566	-4662	19.389	N.D. #
19)	L4 AR-1242-4	0.000	5.668f	0	41090	N.D.	74.355 #
20)	L4 AR-1242-5	7.220	6.221	15802	69602	67.661	99.369 #
21)	L5 AR-1248-1	6.219f	5.367f	26147	-4662	117.379	N.D. #
22)	L5 AR-1248-2	6.527	5.602	9421	115002	29.852	149.844 #
23)	L5 AR-1248-3	0.000	5.668f	0	41090	N.D.	50.592 #
24)	L5 AR-1248-4	7.176	5.814f	10892	13672	27.145	14.244 #
25)	L5 AR-1248-5	7.220	0.000	15802	0	39.421	N.D. #
26)	L6 AR-1254-1	7.149	6.221	19457	69602	42.424	48.253
27)	L6 AR-1254-2	7.376	6.375	64417	32997	87.218	26.195 #
28)	L6 AR-1254-3	7.757	6.802	72095	91381	92.273	46.751 #
29)	L6 AR-1254-4	8.053	0.000	86784	0	151.633	N.D. #
30)	L6 AR-1254-5	8.482	7.474	84544	77466	134.239	49.225 #
31)	L7 AR-1260-1	7.929	6.939	59653	93465	101.264	72.808 #
32)	L7 AR-1260-2	8.189	7.136	68819	61464	101.138	40.465 #
33)	L7 AR-1260-3	8.562	7.294	30696	41732	55.621	29.986 #
34)	L7 AR-1260-4	8.790	7.780	48985	24134	77.588	22.151 #
35)	L7 AR-1260-5	9.113	8.027	50329	79899	41.734	32.584
36)	L8 AR-1262-1	8.562	7.474	30696	77466	41.650	97.124 #
37)	L8 AR-1262-2	9.113	7.780	50329	24134	40.456	18.715 #
38)	L8 AR-1262-3	9.436	8.318	19464	32987	29.729	31.566
39)	L8 AR-1262-4	9.521	8.380	12458	51407	29.476	27.643
40)	L8 AR-1262-5	10.168	8.881	7402	10716	16.072	12.339
41)	L9 AR-1268-1	9.436	8.318	19464	32987	12.558	12.139
42)	L9 AR-1268-2	9.521	8.380	12458	51407	8.691	19.699 #
43)	L9 AR-1268-3	9.752	0.000	4215	0	3.253	N.D. #

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Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 16 06:21:48 2021
Response via : Initial Calibration
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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
44)	L9 AR-1268-4	10.168	8.881	7402	10716	14.160	11.179
45)	L9 AR-1268-5	10.585	9.172	8711	12253	2.101	1.823

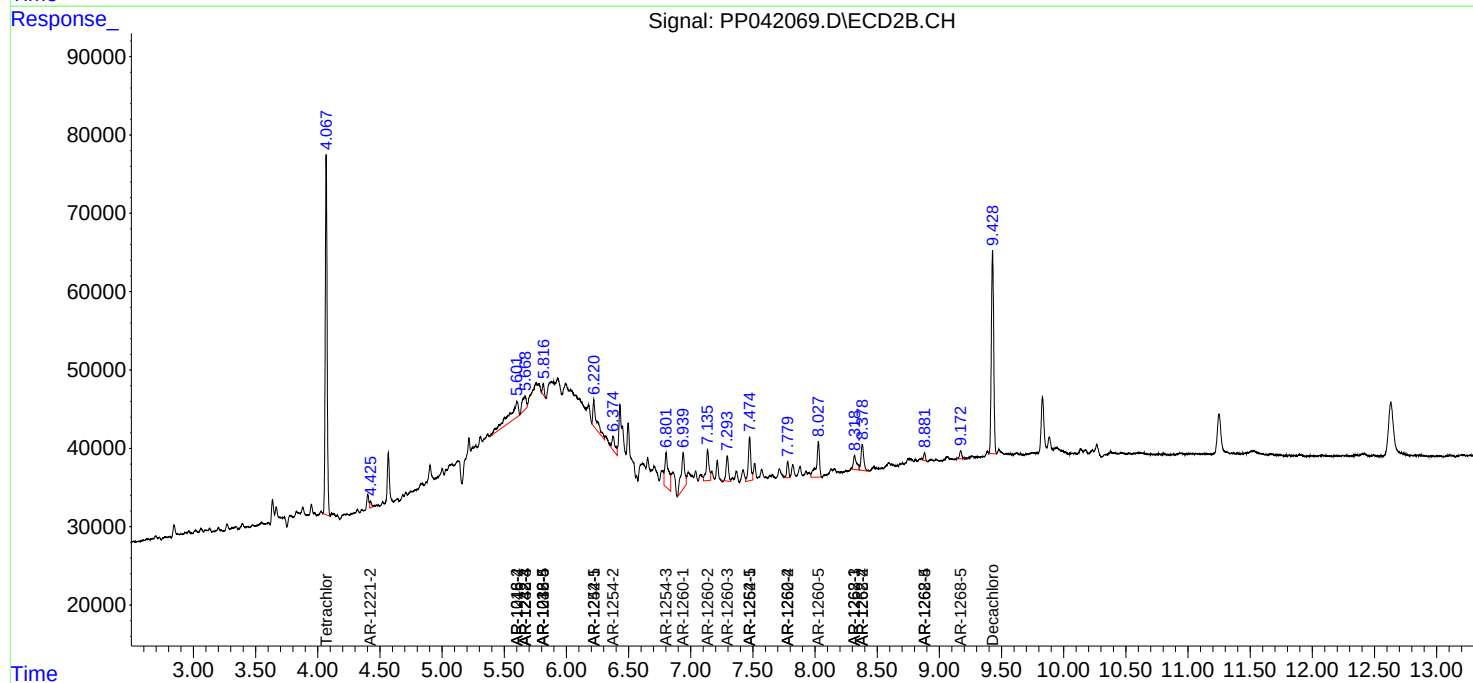
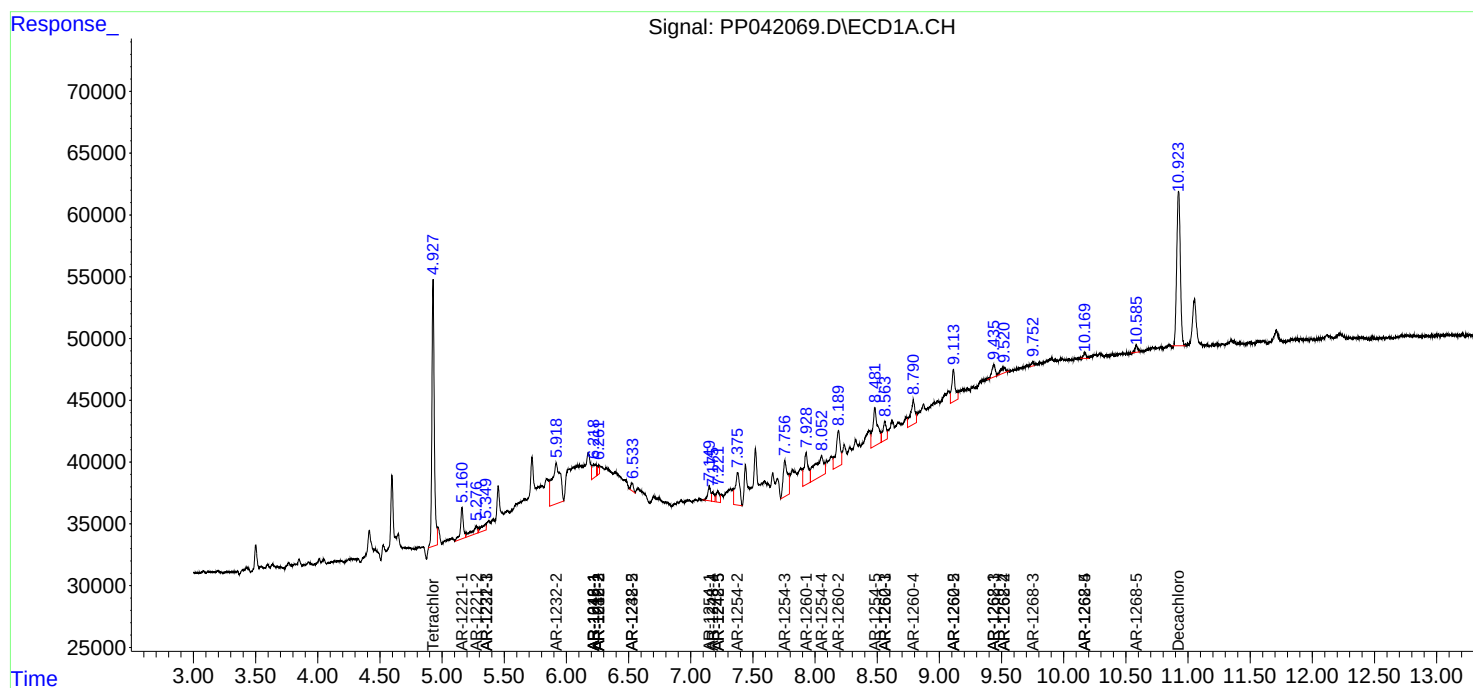
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

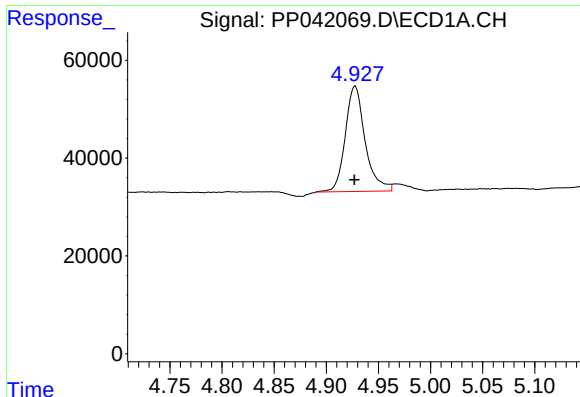
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121721\
Data File : PP042069.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

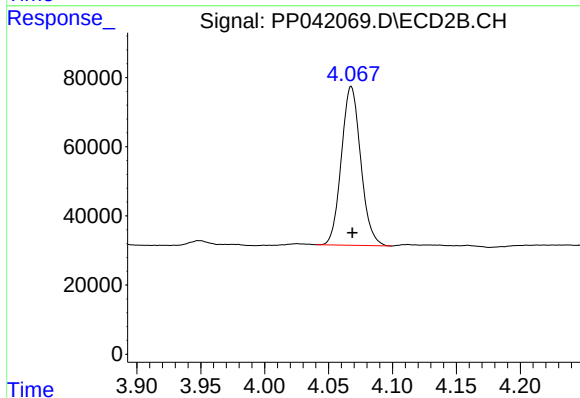




#1 Tetrachloro-m-xylene

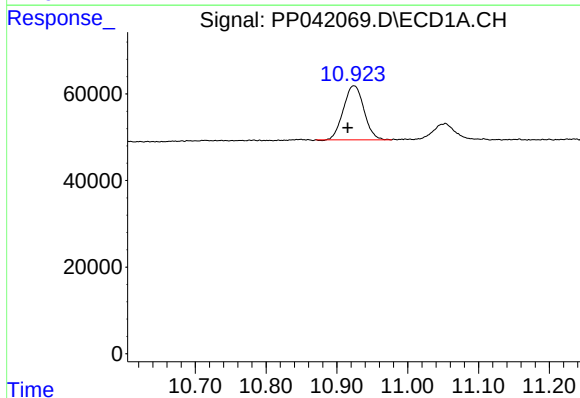
R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 286379
Conc: 22.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



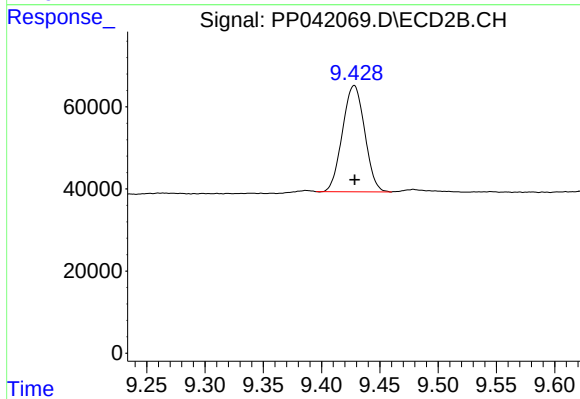
#1 Tetrachloro-m-xylene

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 483671
Conc: 19.72 ng/ml



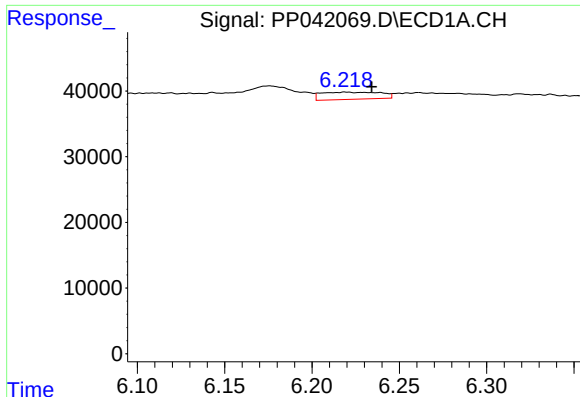
#2 Decachlorobiphenyl

R.T.: 10.924 min
Delta R.T.: 0.009 min
Response: 250846
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

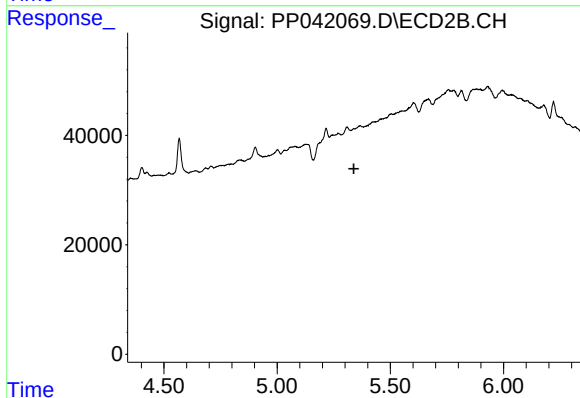
R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 343547
Conc: 17.09 ng/ml



#3 AR-1016-1

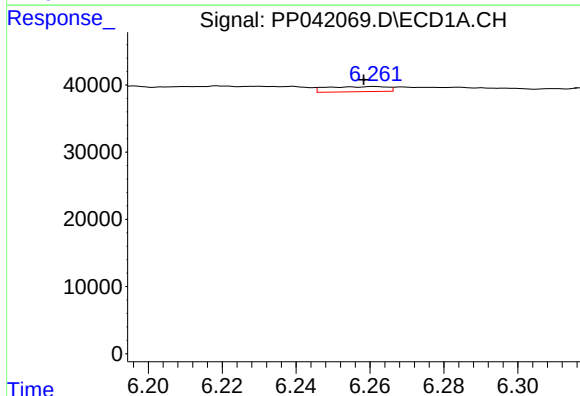
R.T.: 6.219 min
Delta R.T.: -0.015 min
Response: 26147
Conc: 63.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



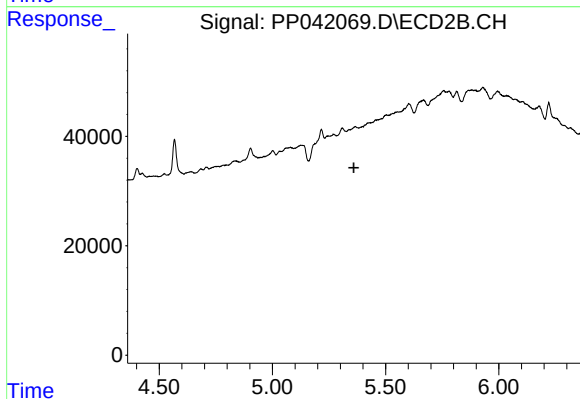
#3 AR-1016-1

R.T.: 5.367 min
Delta R.T.: 0.028 min
Response: -4662
Conc: N.D.



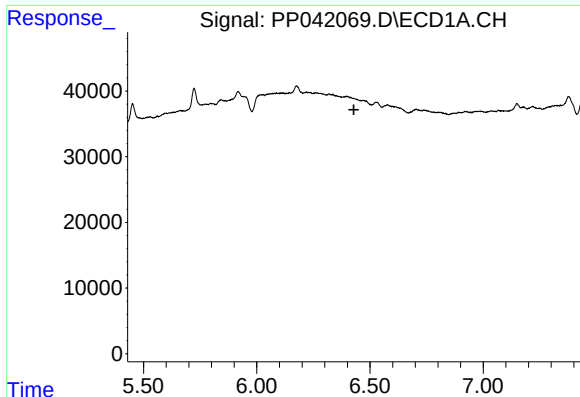
#4 AR-1016-2

R.T.: 6.261 min
Delta R.T.: 0.003 min
Response: 8566
Conc: 14.20 ng/ml



#4 AR-1016-2

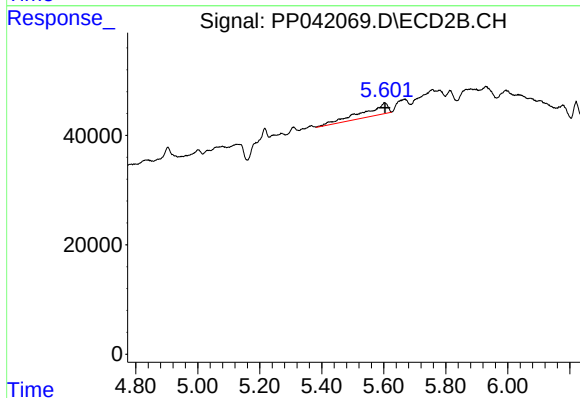
R.T.: 5.367 min
Delta R.T.: 0.007 min
Response: -4662
Conc: N.D.



#6 AR-1016-4

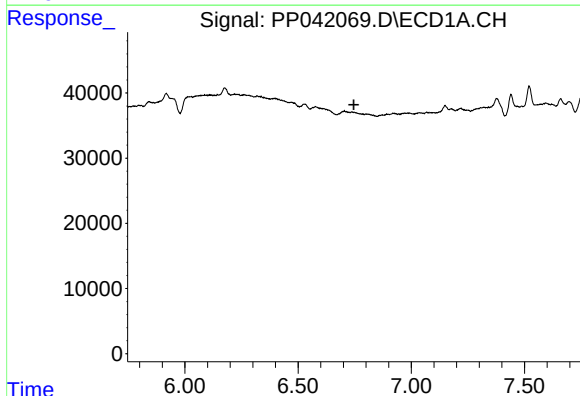
R.T.: 0.000 min
Exp R.T.: 6.429 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MS-4



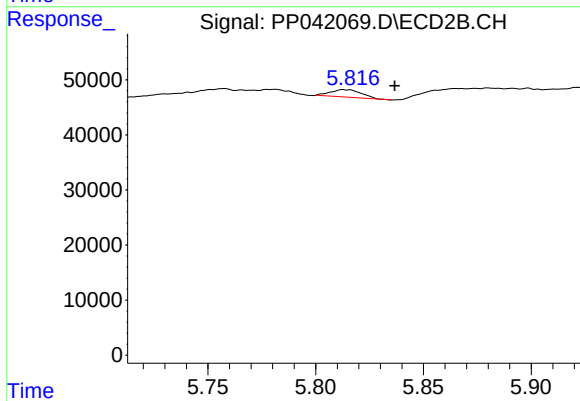
#6 AR-1016-4

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 115002
Conc: 189.40 ng/ml



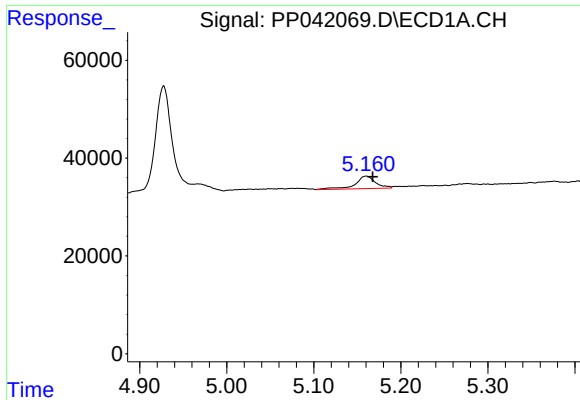
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.



#7 AR-1016-5

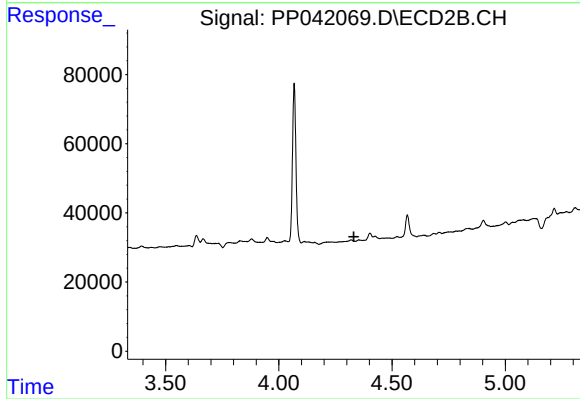
R.T.: 5.814 min
Delta R.T.: -0.023 min
Response: 13672
Conc: 17.10 ng/ml



#8 AR-1221-1

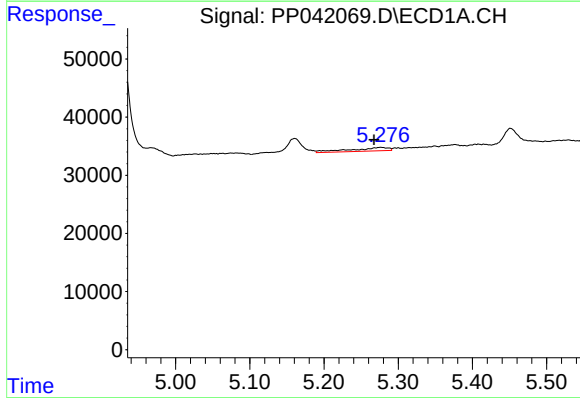
R.T.: 5.161 min
Delta R.T.: -0.007 min
Response: 40854
Conc: 276.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



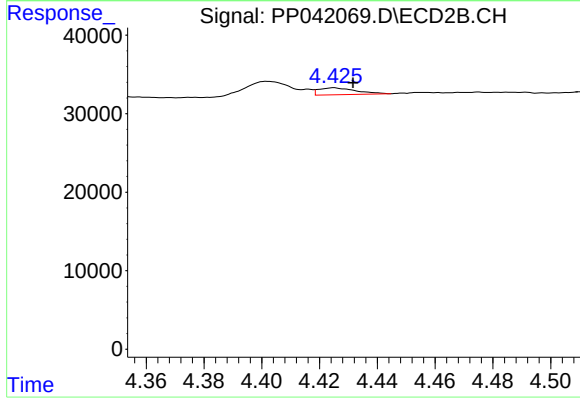
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.332 min
Response: 0
Conc: N.D.



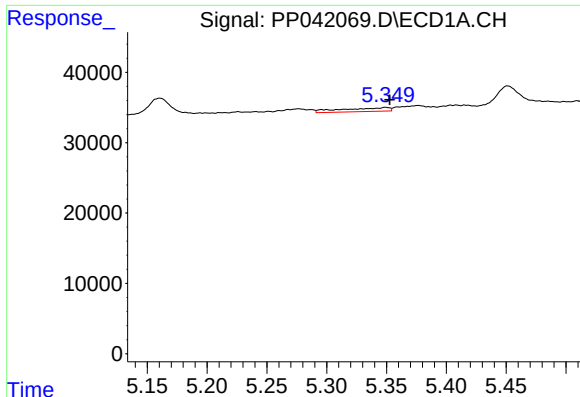
#9 AR-1221-2

R.T.: 5.277 min
Delta R.T.: 0.009 min
Response: 21274
Conc: 202.01 ng/ml



#9 AR-1221-2

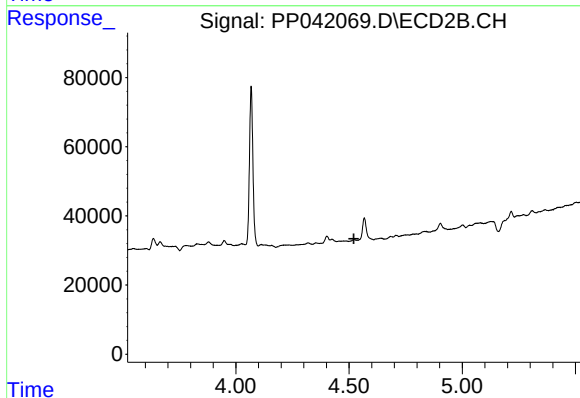
R.T.: 4.425 min
Delta R.T.: -0.007 min
Response: 7764
Conc: 35.87 ng/ml



#10 AR-1221-3

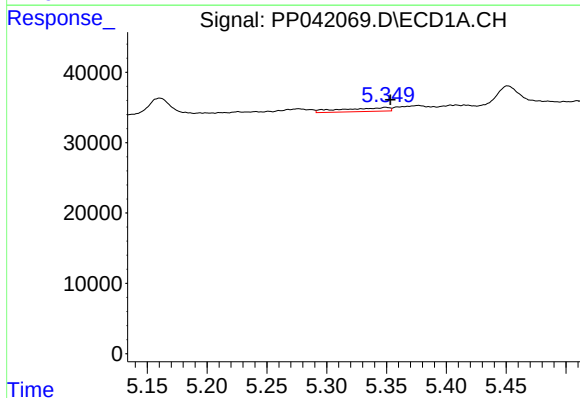
R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 14795
Conc: 45.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



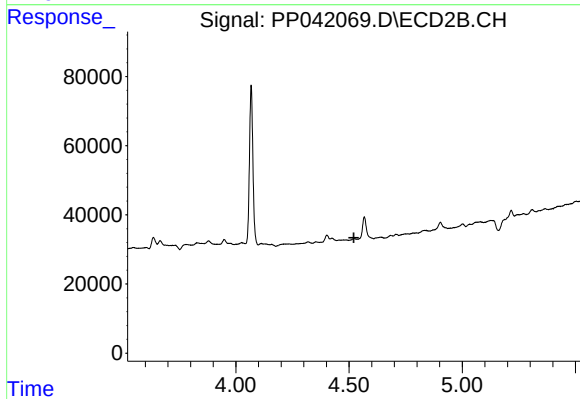
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



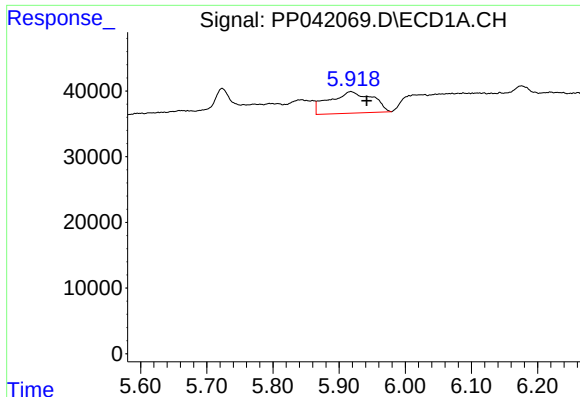
#11 AR-1232-1

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 14795
Conc: 57.30 ng/ml



#11 AR-1232-1

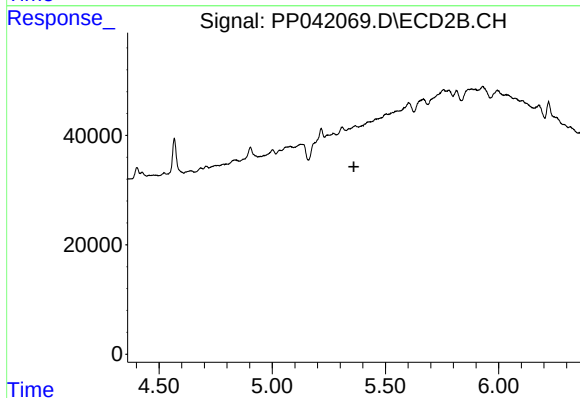
R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



#12 AR-1232-2

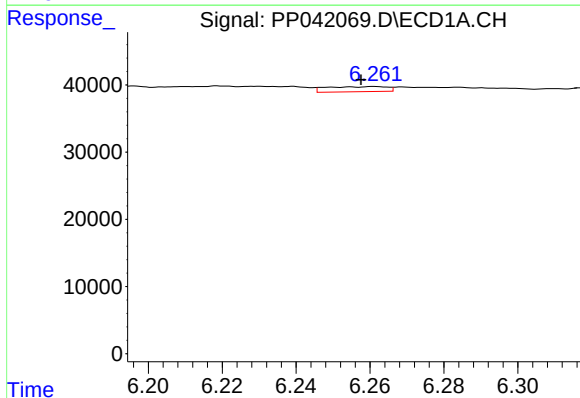
R.T.: 5.918 min
Delta R.T.: -0.024 min
Response: 148020
Conc: 1090.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



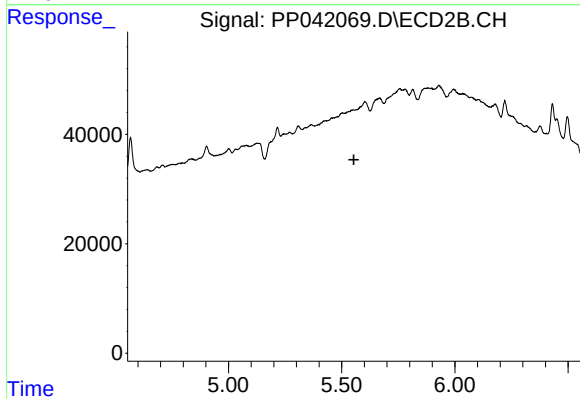
#12 AR-1232-2

R.T.: 5.367 min
Delta R.T.: 0.006 min
Response: -4662
Conc: N.D.



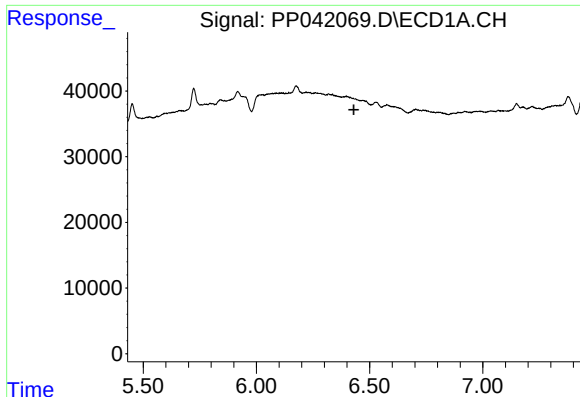
#13 AR-1232-3

R.T.: 6.261 min
Delta R.T.: 0.004 min
Response: 8566
Conc: 36.11 ng/ml



#13 AR-1232-3

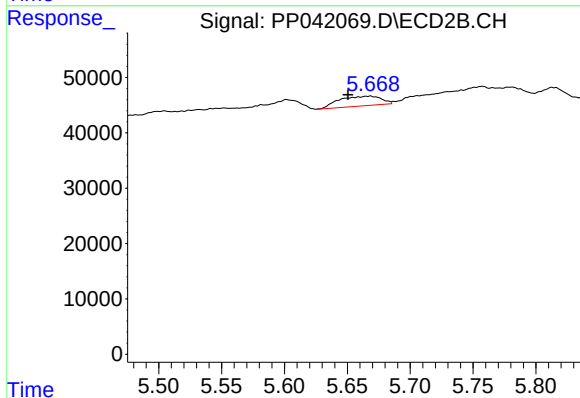
R.T.: 0.000 min
Exp R.T.: 5.554 min
Response: 0
Conc: N.D.



#14 AR-1232-4

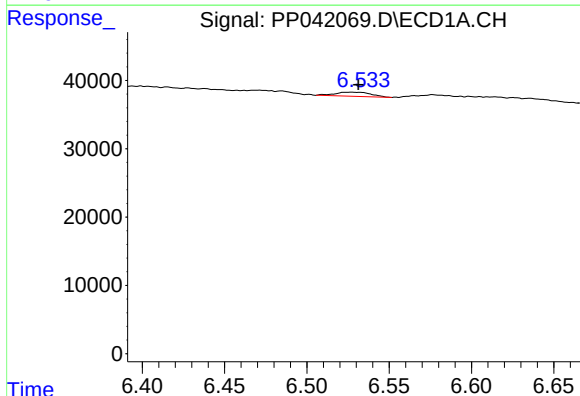
R.T.: 0.000 min
Exp R.T.: 6.430 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MS-4



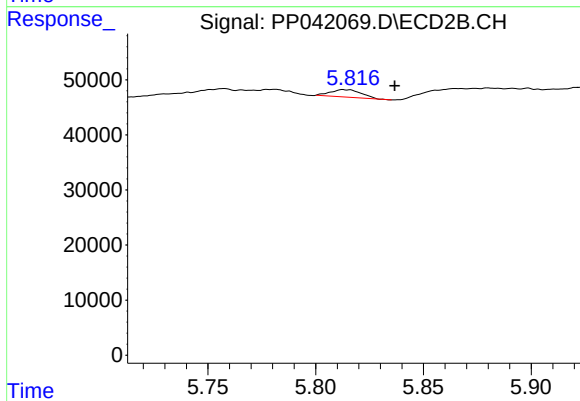
#14 AR-1232-4

R.T.: 5.668 min
Delta R.T.: 0.017 min
Response: 41090
Conc: 156.33 ng/ml



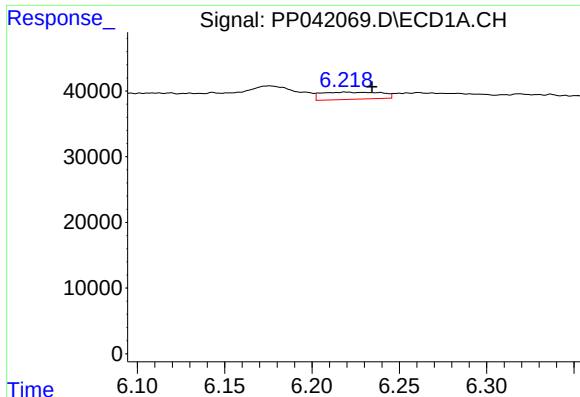
#15 AR-1232-5

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 9421
Conc: 120.60 ng/ml



#15 AR-1232-5

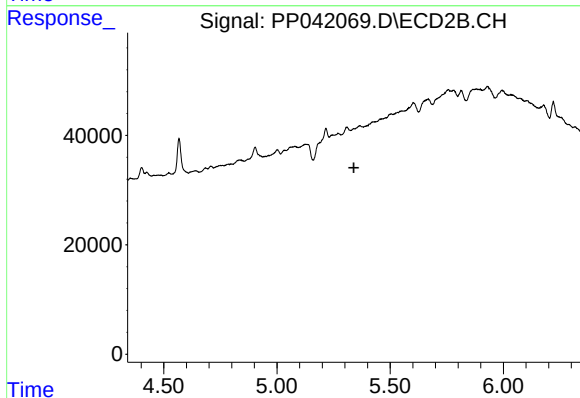
R.T.: 5.814 min
Delta R.T.: -0.023 min
Response: 13672
Conc: 48.62 ng/ml



#16 AR-1242-1

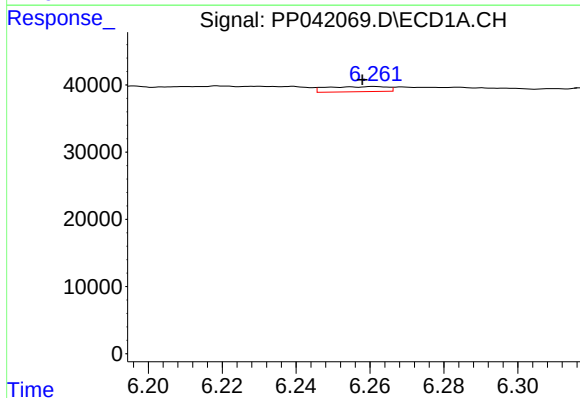
R.T.: 6.219 min
Delta R.T.: -0.015 min
Response: 26147
Conc: 87.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



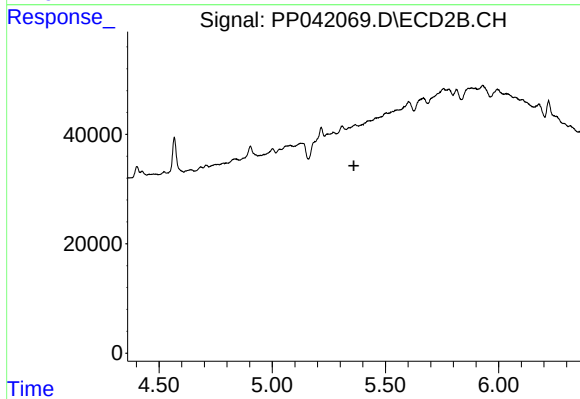
#16 AR-1242-1

R.T.: 5.367 min
Delta R.T.: 0.027 min
Response: -4662
Conc: N.D.



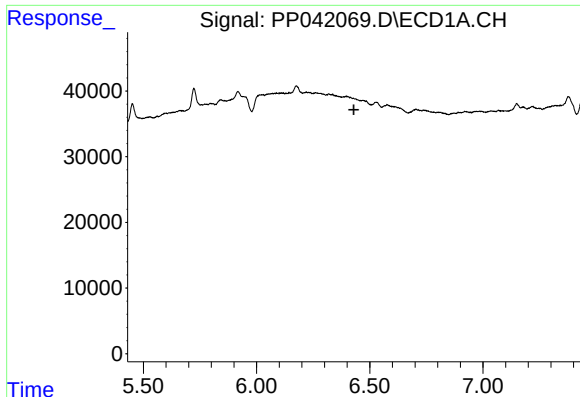
#17 AR-1242-2

R.T.: 6.261 min
Delta R.T.: 0.003 min
Response: 8566
Conc: 19.39 ng/ml



#17 AR-1242-2

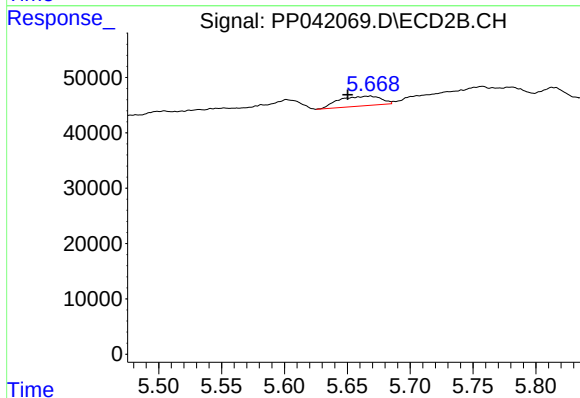
R.T.: 5.367 min
Delta R.T.: 0.007 min
Response: -4662
Conc: N.D.



#19 AR-1242-4

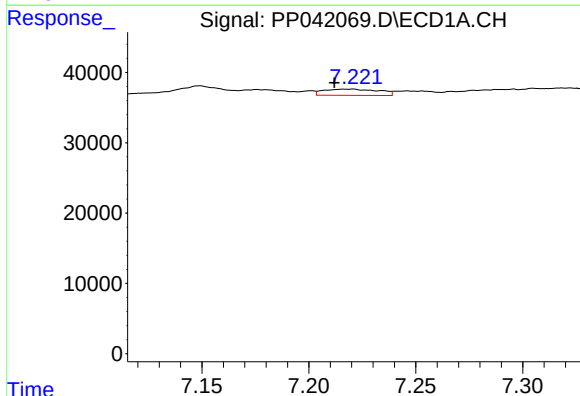
R.T.: 0.000 min
Exp R.T.: 6.430 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MS-4



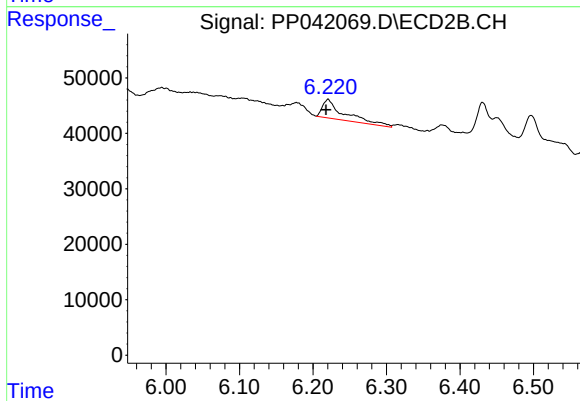
#19 AR-1242-4

R.T.: 5.668 min
Delta R.T.: 0.018 min
Response: 41090
Conc: 74.35 ng/ml



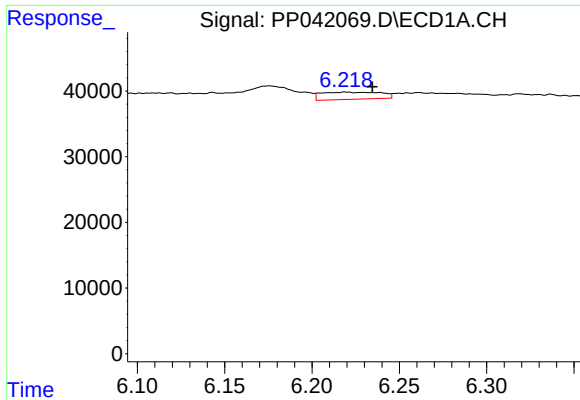
#20 AR-1242-5

R.T.: 7.220 min
Delta R.T.: 0.008 min
Response: 15802
Conc: 67.66 ng/ml



#20 AR-1242-5

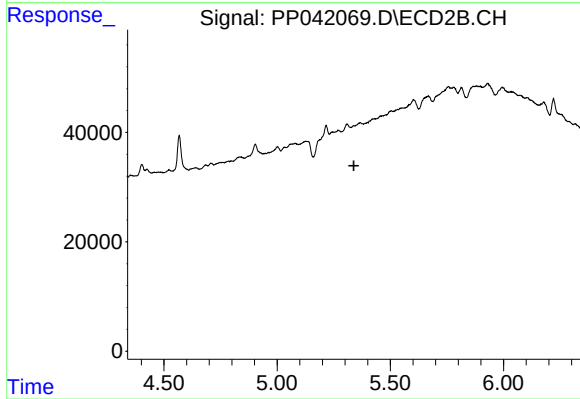
R.T.: 6.221 min
Delta R.T.: 0.003 min
Response: 69602
Conc: 99.37 ng/ml



#21 AR-1248-1

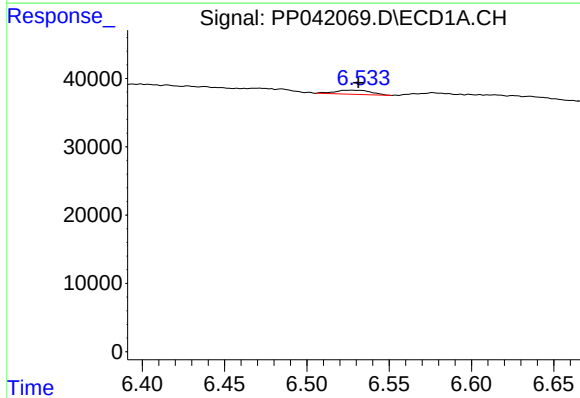
R.T.: 6.219 min
Delta R.T.: -0.015 min
Response: 26147
Conc: 117.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



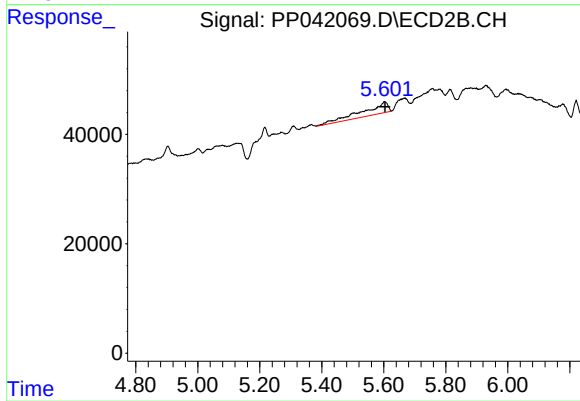
#21 AR-1248-1

R.T.: 5.367 min
Delta R.T.: 0.028 min
Response: -4662
Conc: N.D.



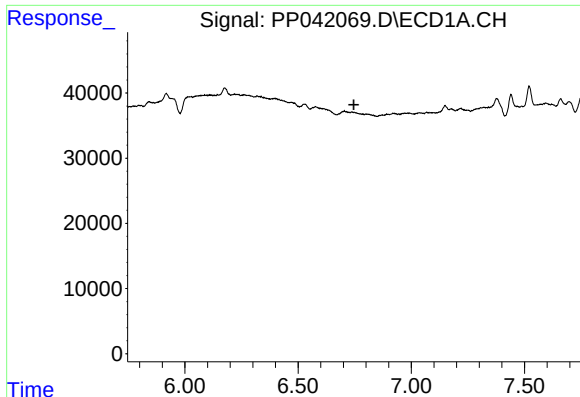
#22 AR-1248-2

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 9421
Conc: 29.85 ng/ml



#22 AR-1248-2

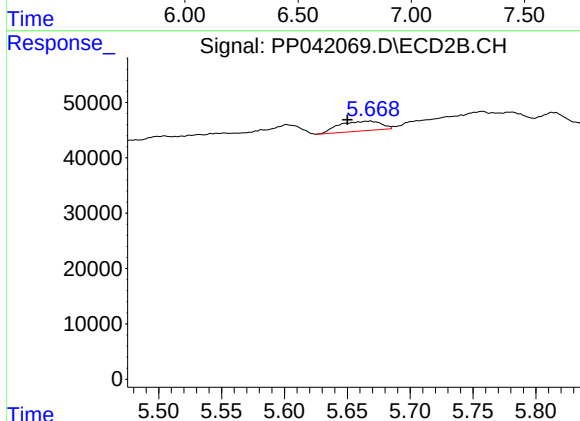
R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 115002
Conc: 149.84 ng/ml



#23 AR-1248-3

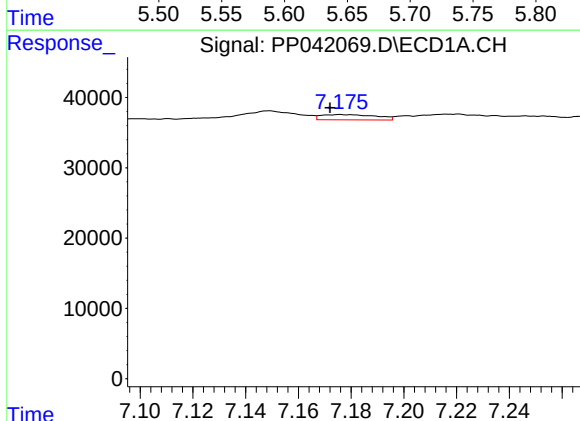
R.T.: 0.000 min
Exp R.T.: 6.747 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MS-4



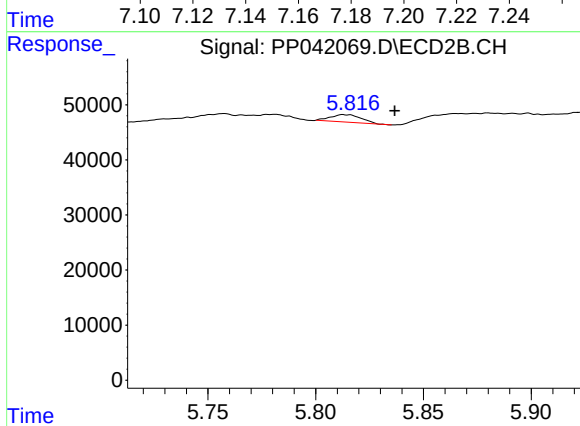
#23 AR-1248-3

R.T.: 5.668 min
Delta R.T.: 0.018 min
Response: 41090
Conc: 50.59 ng/ml



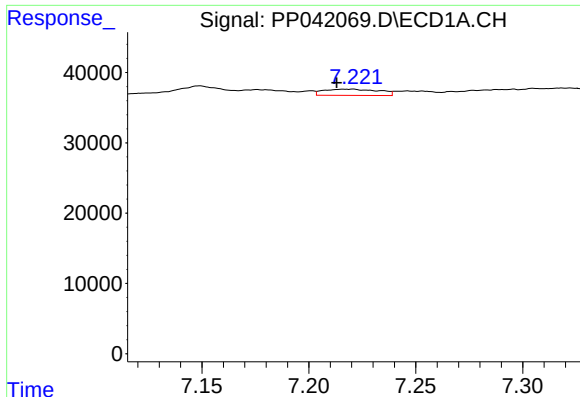
#24 AR-1248-4

R.T.: 7.176 min
Delta R.T.: 0.004 min
Response: 10892
Conc: 27.15 ng/ml



#24 AR-1248-4

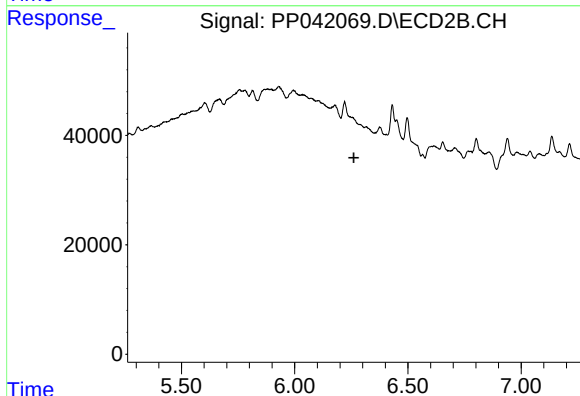
R.T.: 5.814 min
Delta R.T.: -0.023 min
Response: 13672
Conc: 14.24 ng/ml



#25 AR-1248-5

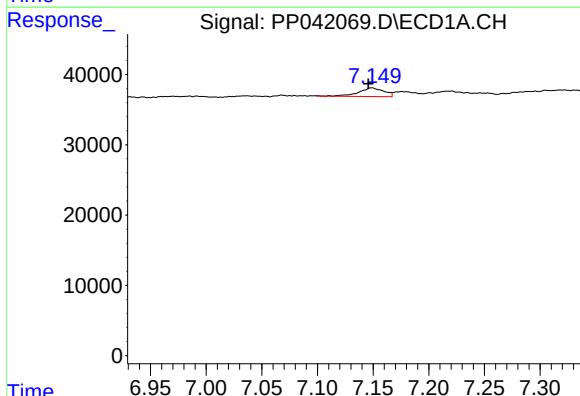
R.T.: 7.220 min
Delta R.T.: 0.007 min
Response: 15802
Conc: 39.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



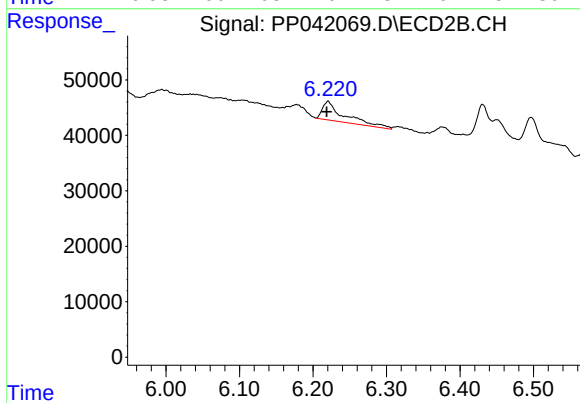
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.262 min
Response: 0
Conc: N.D.



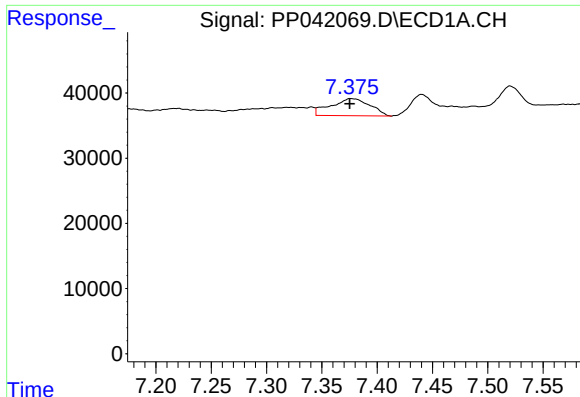
#26 AR-1254-1

R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 19457
Conc: 42.42 ng/ml



#26 AR-1254-1

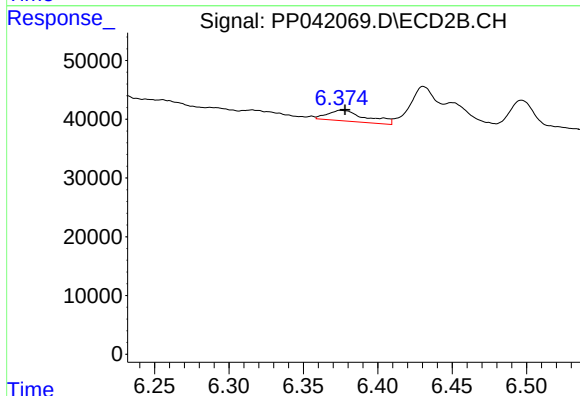
R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 69602
Conc: 48.25 ng/ml



#27 AR-1254-2

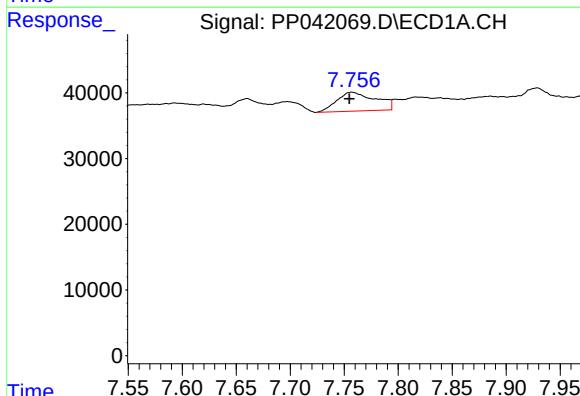
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 64417
Conc: 87.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



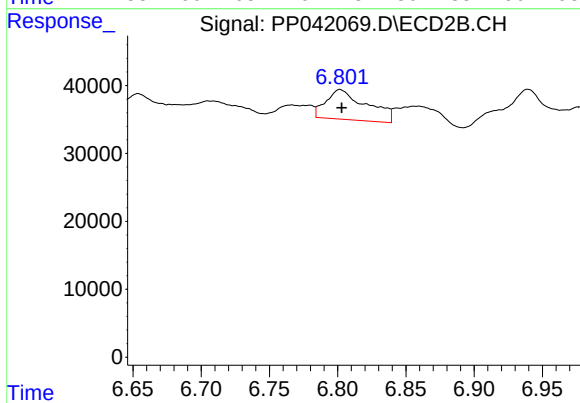
#27 AR-1254-2

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 32997
Conc: 26.19 ng/ml



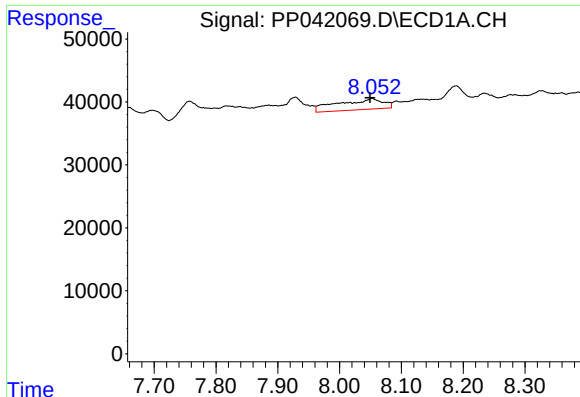
#28 AR-1254-3

R.T.: 7.757 min
Delta R.T.: 0.002 min
Response: 72095
Conc: 92.27 ng/ml



#28 AR-1254-3

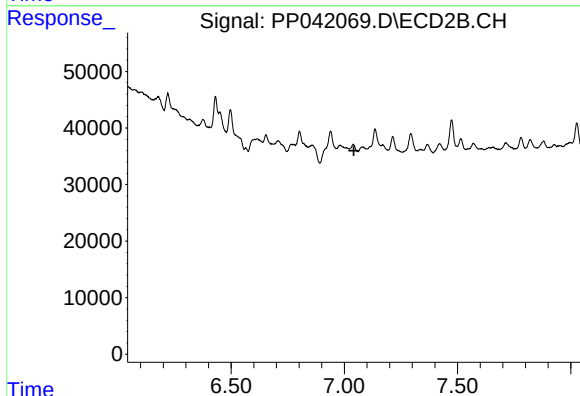
R.T.: 6.802 min
Delta R.T.: -0.001 min
Response: 91381
Conc: 46.75 ng/ml



#29 AR-1254-4

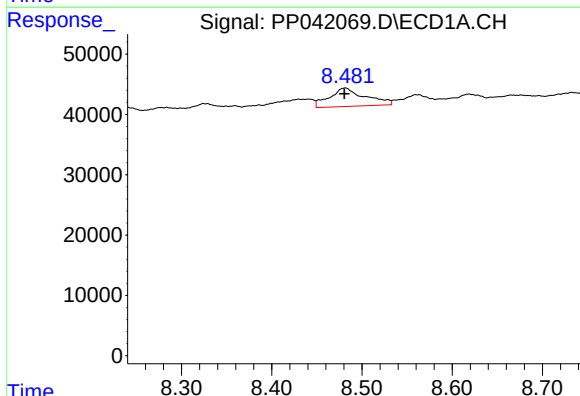
R.T.: 8.053 min
Delta R.T.: 0.003 min
Response: 86784
Conc: 151.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



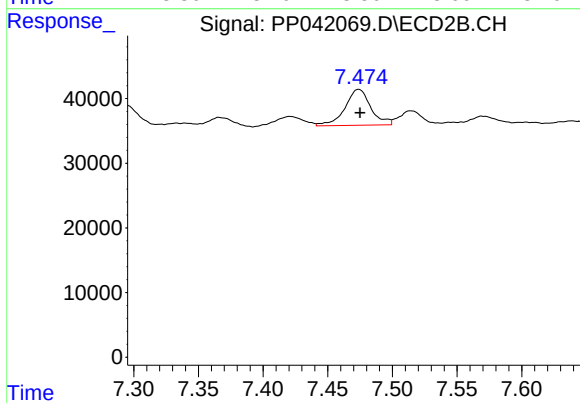
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.042 min
Response: 0
Conc: N.D.



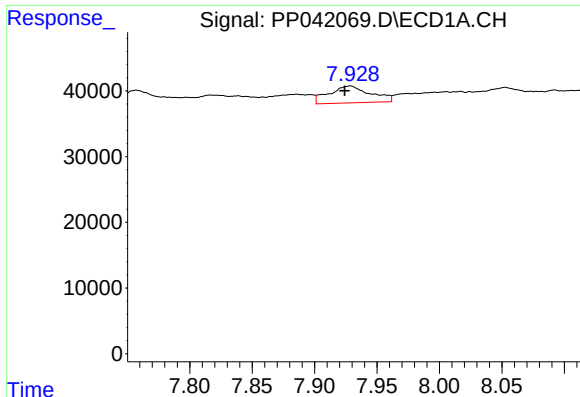
#30 AR-1254-5

R.T.: 8.482 min
Delta R.T.: 0.001 min
Response: 84544
Conc: 134.24 ng/ml



#30 AR-1254-5

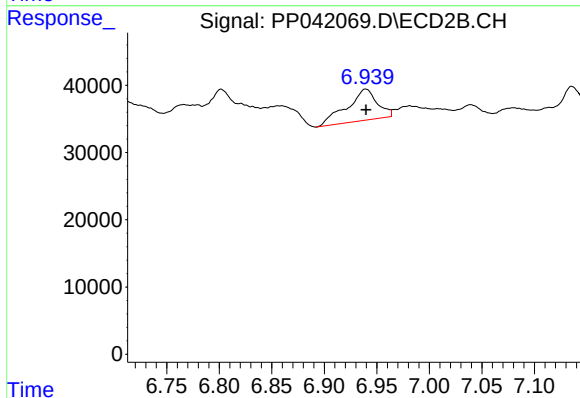
R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 77466
Conc: 49.22 ng/ml



#31 AR-1260-1

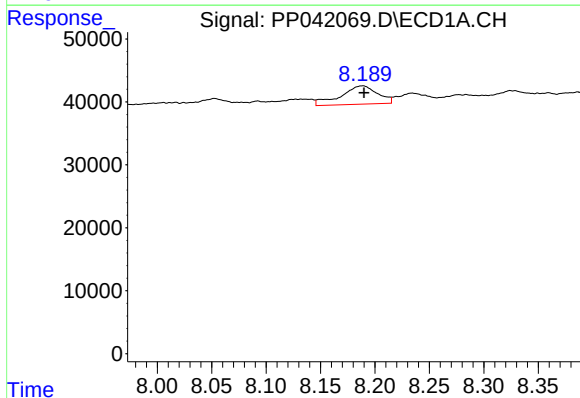
R.T.: 7.929 min
Delta R.T.: 0.004 min
Response: 59653
Conc: 101.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



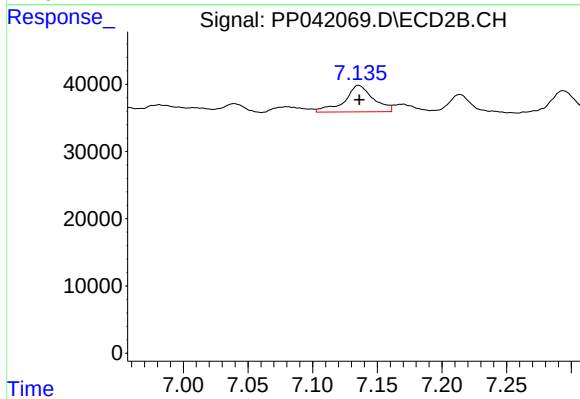
#31 AR-1260-1

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 93465
Conc: 72.81 ng/ml



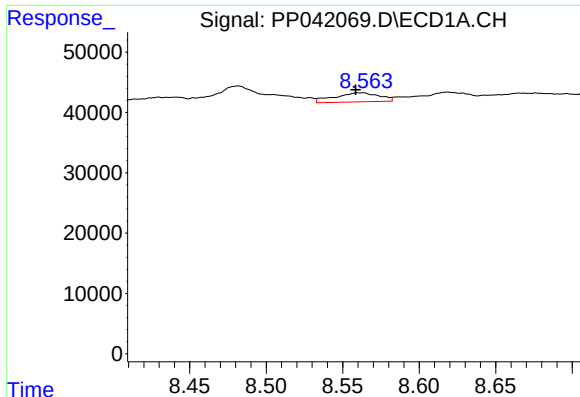
#32 AR-1260-2

R.T.: 8.189 min
Delta R.T.: -0.001 min
Response: 68819
Conc: 101.14 ng/ml



#32 AR-1260-2

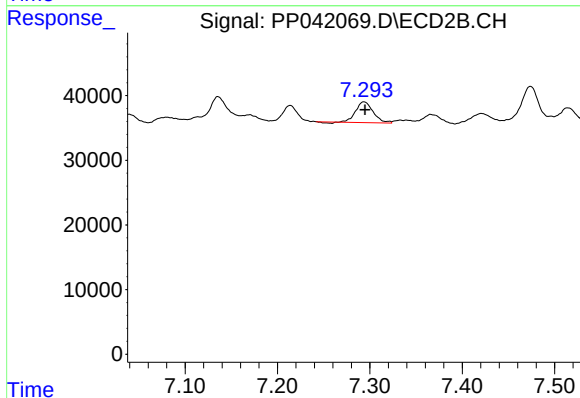
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 61464
Conc: 40.46 ng/ml



#33 AR-1260-3

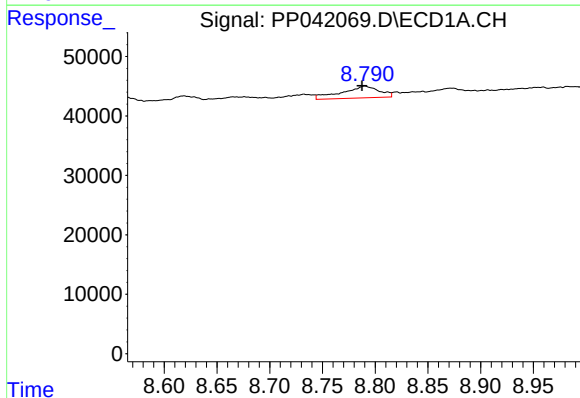
R.T.: 8.562 min
Delta R.T.: 0.003 min
Response: 30696
Conc: 55.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



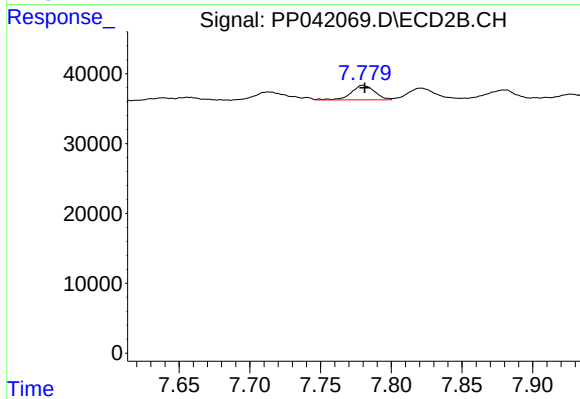
#33 AR-1260-3

R.T.: 7.294 min
Delta R.T.: -0.001 min
Response: 41732
Conc: 29.99 ng/ml



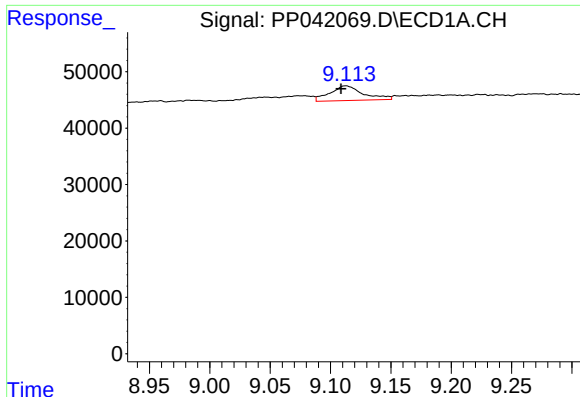
#34 AR-1260-4

R.T.: 8.790 min
Delta R.T.: 0.003 min
Response: 48985
Conc: 77.59 ng/ml



#34 AR-1260-4

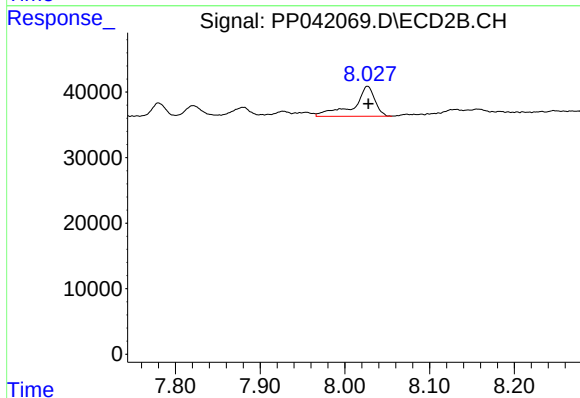
R.T.: 7.780 min
Delta R.T.: -0.001 min
Response: 24134
Conc: 22.15 ng/ml



#35 AR-1260-5

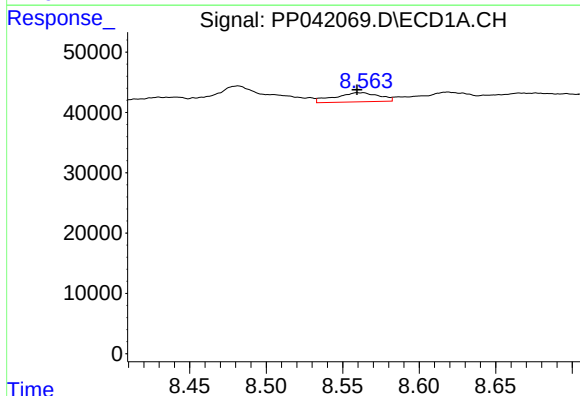
R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 50329
Conc: 41.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



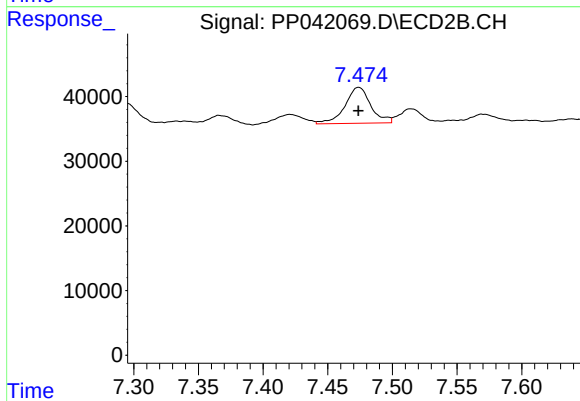
#35 AR-1260-5

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 79899
Conc: 32.58 ng/ml



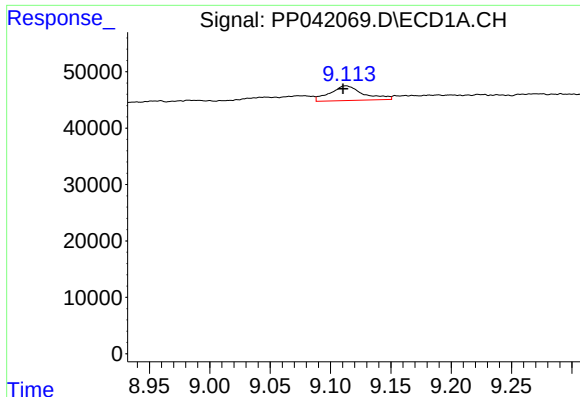
#36 AR-1262-1

R.T.: 8.562 min
Delta R.T.: 0.003 min
Response: 30696
Conc: 41.65 ng/ml



#36 AR-1262-1

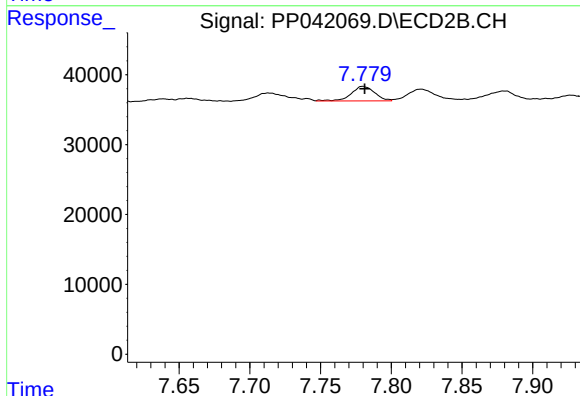
R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 77466
Conc: 97.12 ng/ml



#37 AR-1262-2

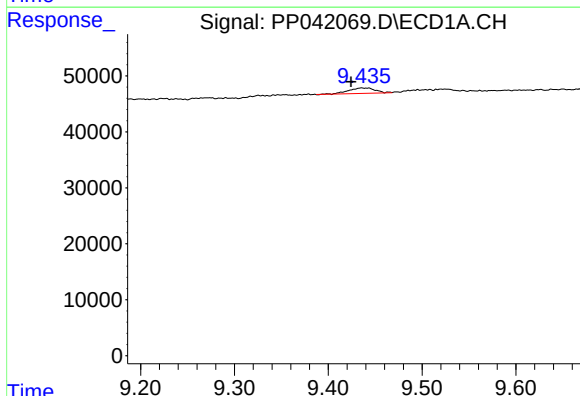
R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 50329
Conc: 40.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



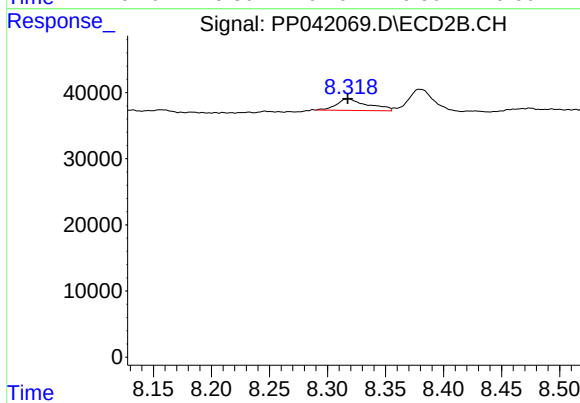
#37 AR-1262-2

R.T.: 7.780 min
Delta R.T.: -0.001 min
Response: 24134
Conc: 18.71 ng/ml



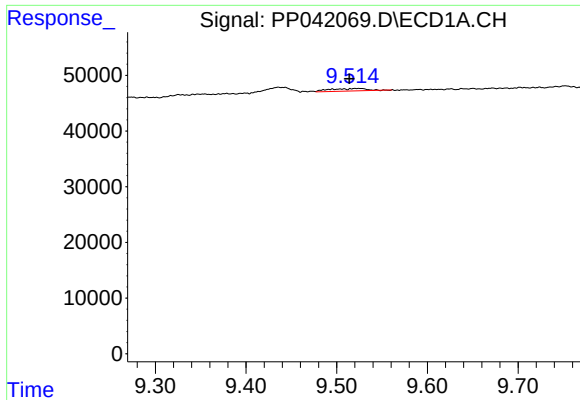
#38 AR-1262-3

R.T.: 9.436 min
Delta R.T.: 0.011 min
Response: 19464
Conc: 29.73 ng/ml



#38 AR-1262-3

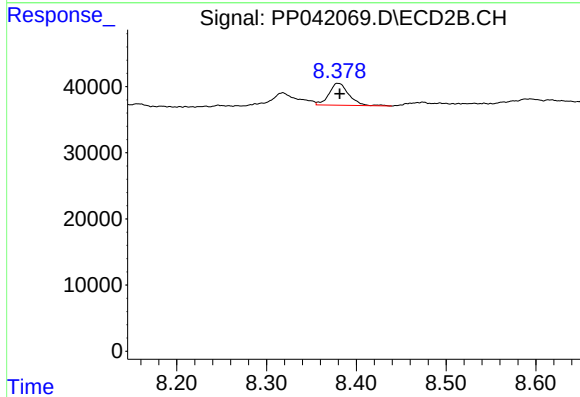
R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 32987
Conc: 31.57 ng/ml



#39 AR-1262-4

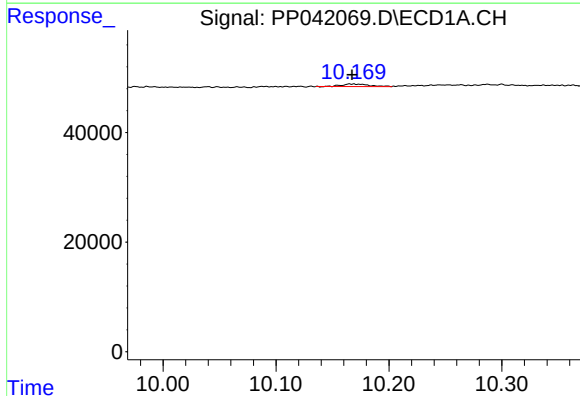
R.T.: 9.521 min
Delta R.T.: 0.007 min
Response: 12458
Conc: 29.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



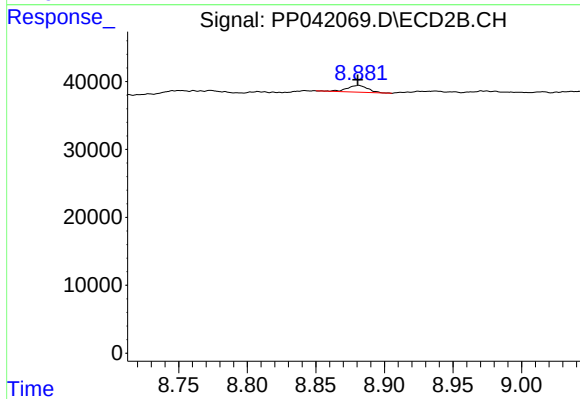
#39 AR-1262-4

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 51407
Conc: 27.64 ng/ml



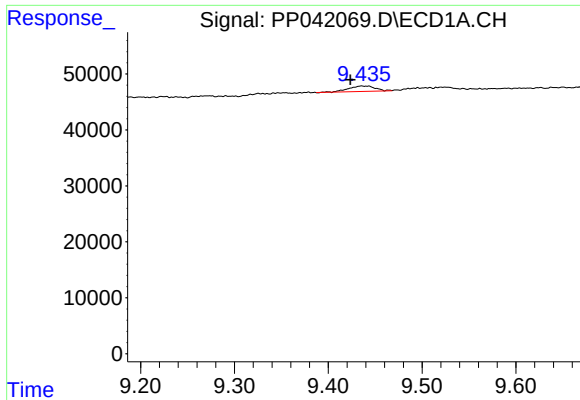
#40 AR-1262-5

R.T.: 10.168 min
Delta R.T.: 0.001 min
Response: 7402
Conc: 16.07 ng/ml



#40 AR-1262-5

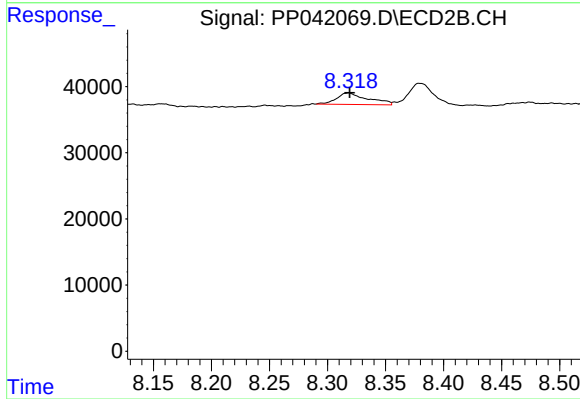
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 10716
Conc: 12.34 ng/ml



#41 AR-1268-1

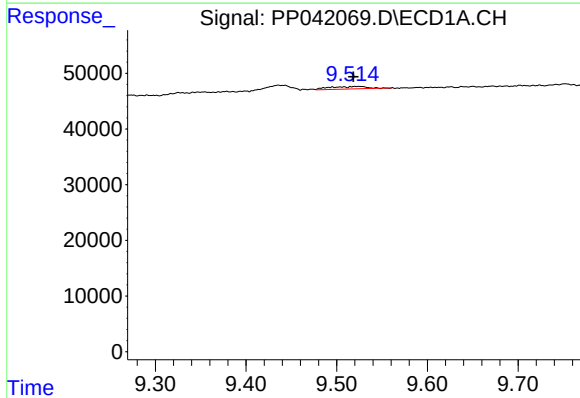
R.T.: 9.436 min
Delta R.T.: 0.012 min
Response: 19464
Conc: 12.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



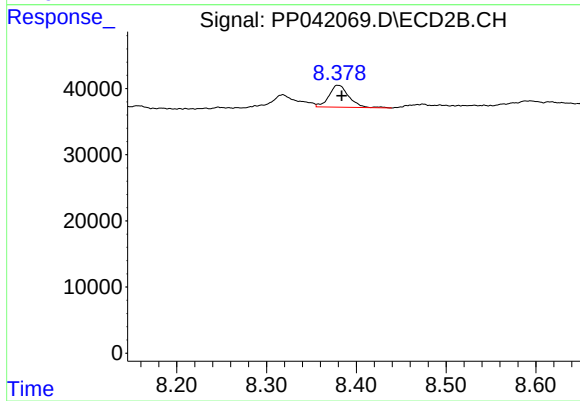
#41 AR-1268-1

R.T.: 8.318 min
Delta R.T.: -0.001 min
Response: 32987
Conc: 12.14 ng/ml



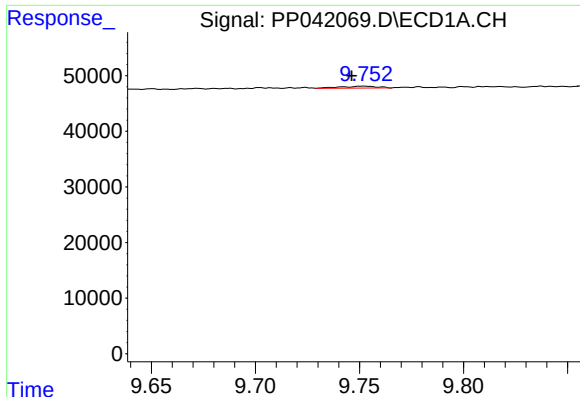
#42 AR-1268-2

R.T.: 9.521 min
Delta R.T.: 0.003 min
Response: 12458
Conc: 8.69 ng/ml



#42 AR-1268-2

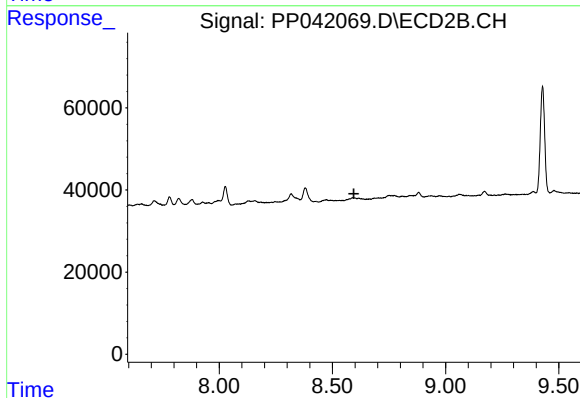
R.T.: 8.380 min
Delta R.T.: -0.004 min
Response: 51407
Conc: 19.70 ng/ml



#43 AR-1268-3

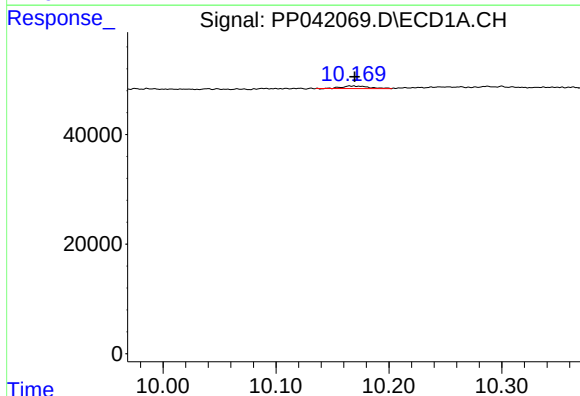
R.T.: 9.752 min
Delta R.T.: 0.006 min
Response: 4215
Conc: 3.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



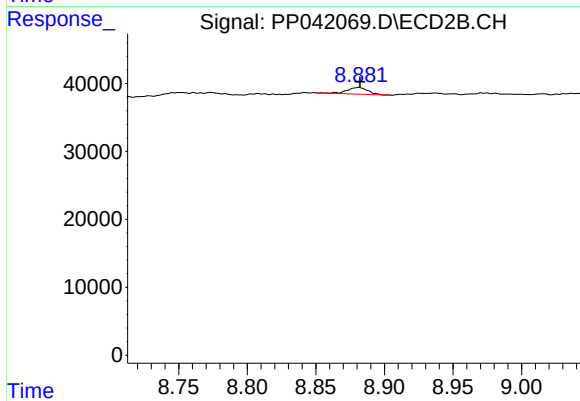
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.595 min
Response: 0
Conc: N.D.



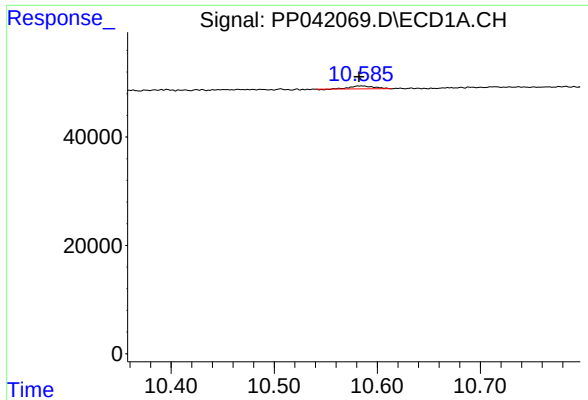
#44 AR-1268-4

R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 7402
Conc: 14.16 ng/ml



#44 AR-1268-4

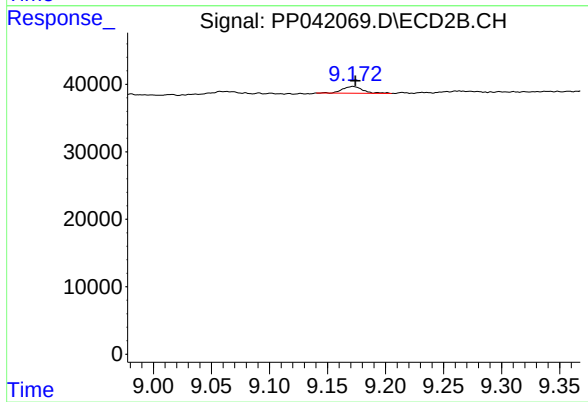
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 10716
Conc: 11.18 ng/ml



#45 AR-1268-5

R.T.: 10.585 min
Delta R.T.: 0.003 min
Response: 8711
Conc: 2.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
MS-4



#45 AR-1268-5

R.T.: 9.172 min
Delta R.T.: -0.002 min
Response: 12253
Conc: 1.82 ng/ml