

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122721\
 Data File : PP042232.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Dec 2021 14:49
 Operator : AJ\MA
 Sample : M5230-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:18:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 23:47:53 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...	4.922	4.060	240013	419269	18.280	18.357
2)	SA Decachlor...	10.918	9.411	199419	230885	16.372	14.277
Target Compounds							
3)	L1 AR-1016-1	6.236	0.000	1528	0	3.439	N.D. #
4)	L1 AR-1016-2	6.258	0.000	976	0	1.475	N.D. #
5)	L1 AR-1016-3	0.000	5.538	0	32402	N.D.	46.137 #
6)	L1 AR-1016-4	6.399f	5.595	18466	31088	56.682	57.249
7)	L1 AR-1016-5	0.000	5.851f	0	22920	N.D.	35.153 #
8)	L2 AR-1221-1	5.155	4.314	135907	62277	857.686	240.467 #
9)	L2 AR-1221-2	5.274	0.000	59987	0	532.016	N.D. #
10)	L2 AR-1221-3	5.369f	4.515	36199	29234	103.481	42.031 #
11)	L3 AR-1232-1	5.369f	4.515	36199	29234	125.319	50.002 #
12)	L3 AR-1232-2	5.939	0.000	45942	0	309.909	N.D. #
13)	L3 AR-1232-3	6.258	5.538	976	32402	3.729	113.202 #
14)	L3 AR-1232-4	0.000	5.657	0	44394	N.D.	184.052 #
15)	L3 AR-1232-5	6.524	5.851f	21435	22920	207.724	94.396 #
16)	L4 AR-1242-1	6.236	0.000	1528	0	4.687	N.D. #
17)	L4 AR-1242-2	6.258	0.000	976	0	2.044	N.D. #
18)	L4 AR-1242-3	0.000	5.538	0	32402	N.D.	61.314 #
19)	L4 AR-1242-4	6.399f	5.657	18466	44394	75.369	87.741
20)	L4 AR-1242-5	7.222	6.202	1720	83266	6.615	140.463 #
21)	L5 AR-1248-1	6.236	0.000	1528	0	6.105	N.D. #
22)	L5 AR-1248-2	6.524	5.595	21435	31088	60.691	44.147 #
23)	L5 AR-1248-3	0.000	5.657	0	44394	N.D.	59.826 #
24)	L5 AR-1248-4	7.178	5.851f	48240	22920	106.394	27.225 #
25)	L5 AR-1248-5	7.222	6.254	1720	45741	3.859	55.221 #
26)	L6 AR-1254-1	7.126f	6.202	9219	83266	18.493	66.571 #
27)	L6 AR-1254-2	7.372	6.363	39269	40856	51.222	37.543 #
28)	L6 AR-1254-3	7.757	6.794	86615	68672	112.257	41.335 #
29)	L6 AR-1254-4	8.045	7.026	13366	52301	24.023	53.613 #
30)	L6 AR-1254-5	8.476	7.463	104494	113962	166.871	88.934 #
31)	L7 AR-1260-1	7.923	6.929	14248	124631	24.043	117.273 #
32)	L7 AR-1260-2	8.179	7.125	55541	85290	71.933	69.089
33)	L7 AR-1260-3	8.560	7.283	14347	33442	27.734	24.957
34)	L7 AR-1260-4	8.785	7.769	43664	19854	75.410	22.234 #
35)	L7 AR-1260-5	9.109	8.015	22235	54614	19.003	28.378 #
36)	L8 AR-1262-1	8.560	7.463	14347	113962	18.696	171.281 #
37)	L8 AR-1262-2	9.109	7.769	22235	19854	18.141	18.305
38)	L8 AR-1262-3	9.426	8.304	13139	19208	26.729	25.212
39)	L8 AR-1262-4	9.514	8.369	432	42218	1.173	27.715 #
40)	L8 AR-1262-5	10.167	8.867	5503	9354	12.015	13.082
41)	L9 AR-1268-1	9.426	8.304	13139	19208	8.666	8.488

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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	9.514	8.369	432	42218	0.305	19.337 #
44) L9	AR-1268-4	10.167	8.867	5503	9354	10.619	11.830
45) L9	AR-1268-5	10.587	9.158	775	13064	0.200	2.289 #

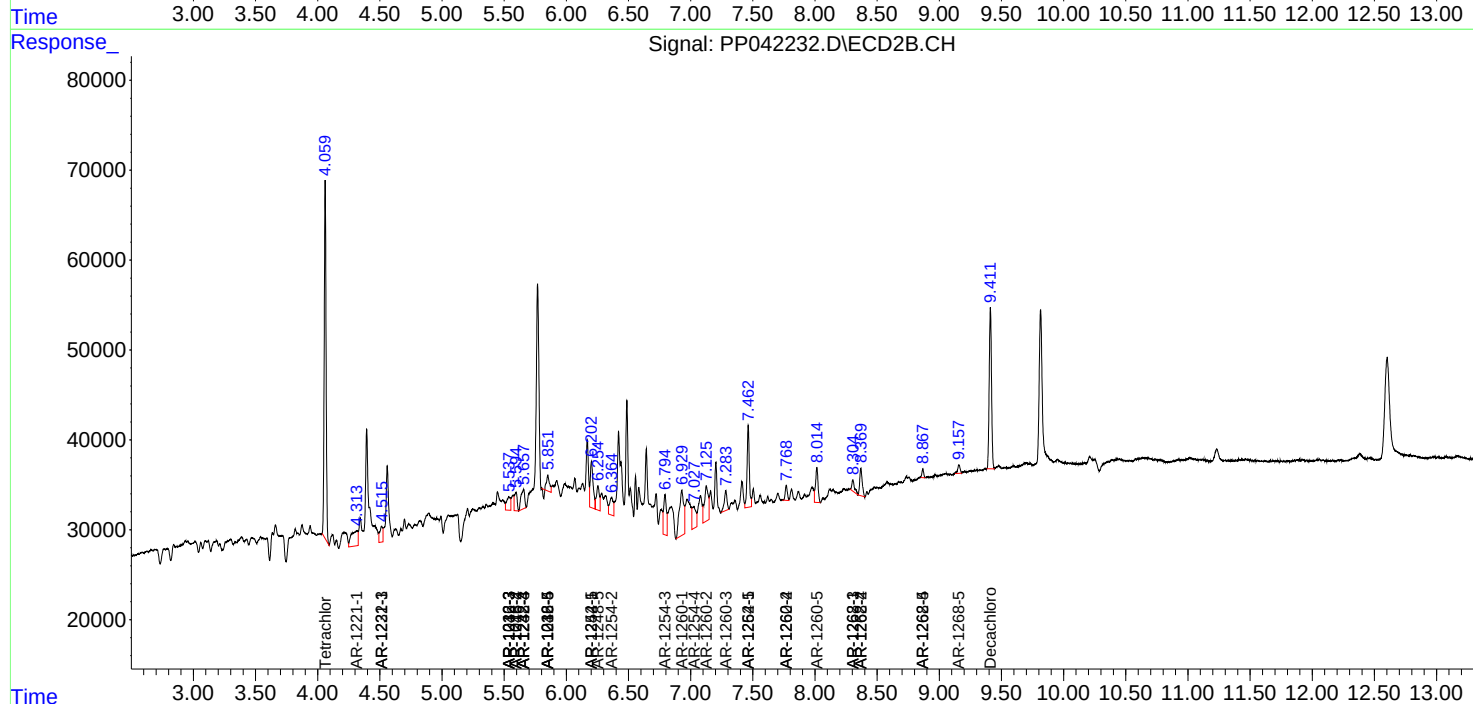
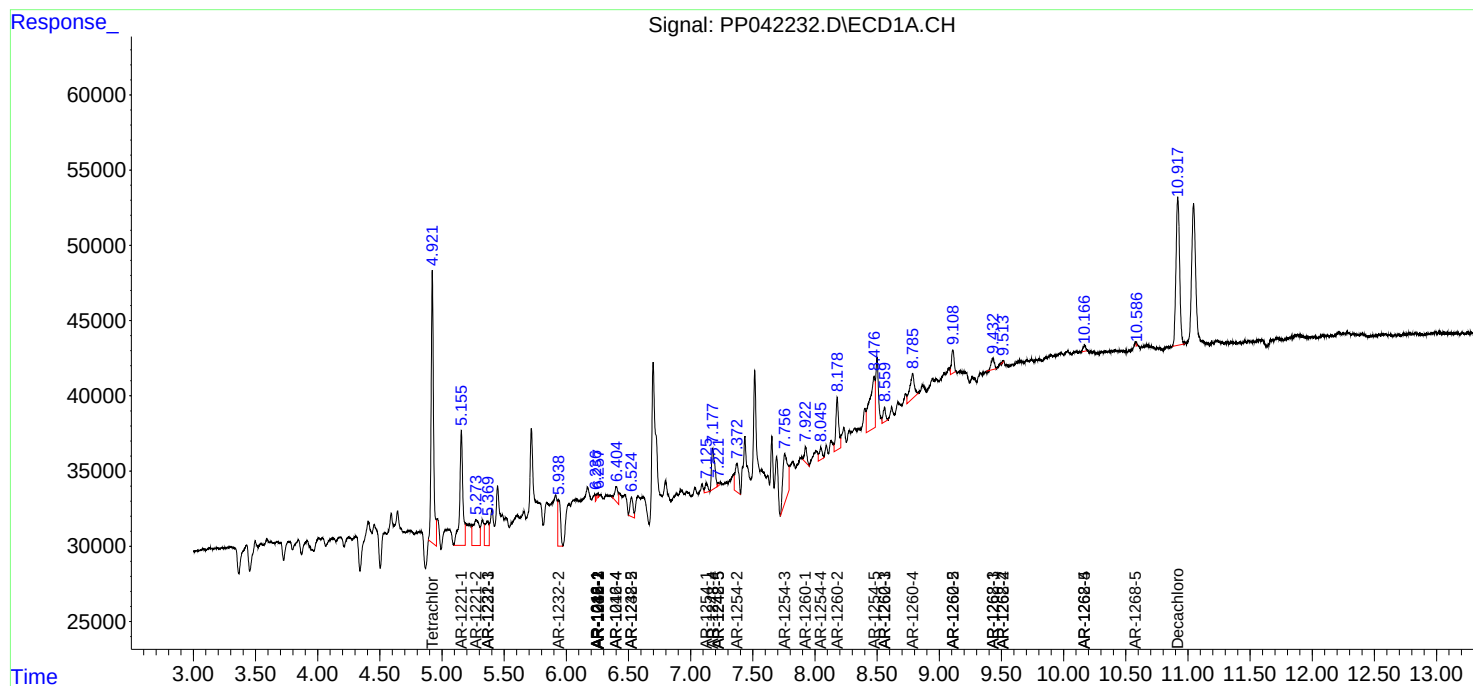
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

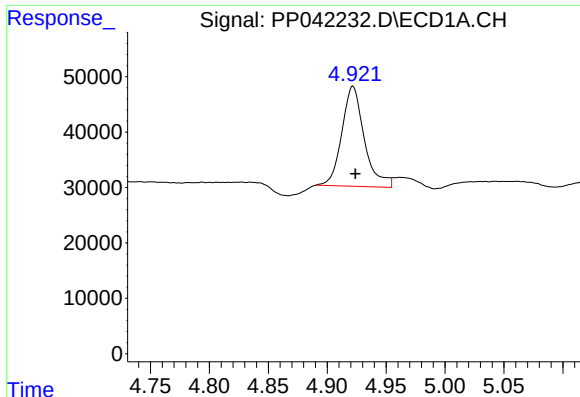
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

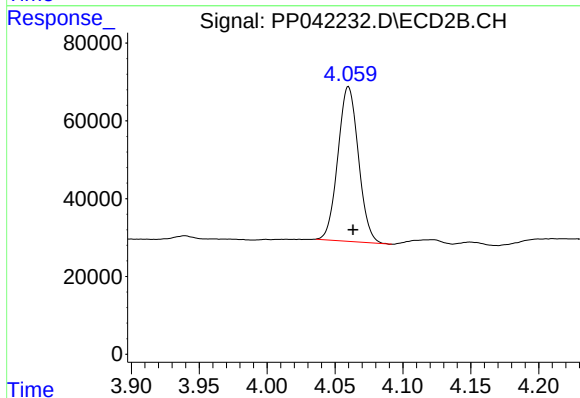




#1 Tetrachloro-m-xylene

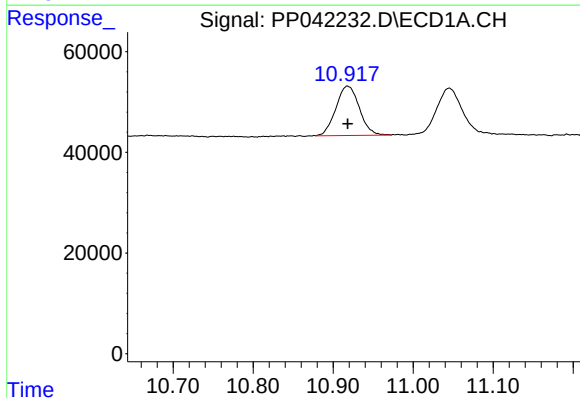
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 240013
Conc: 18.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



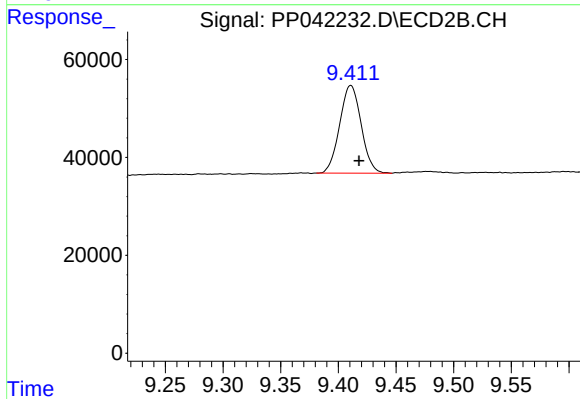
#1 Tetrachloro-m-xylene

R.T.: 4.060 min
Delta R.T.: -0.004 min
Response: 419269
Conc: 18.36 ng/ml



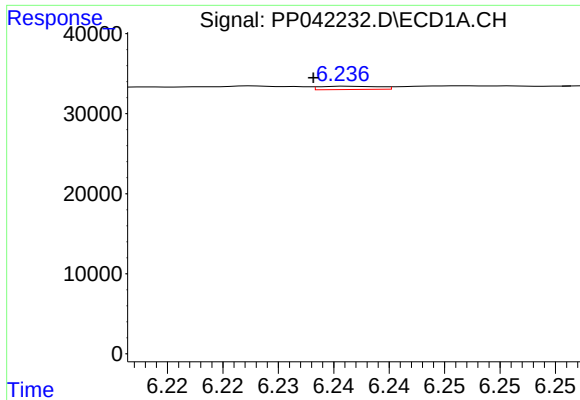
#2 Decachlorobiphenyl

R.T.: 10.918 min
Delta R.T.: 0.000 min
Response: 199419
Conc: 16.37 ng/ml



#2 Decachlorobiphenyl

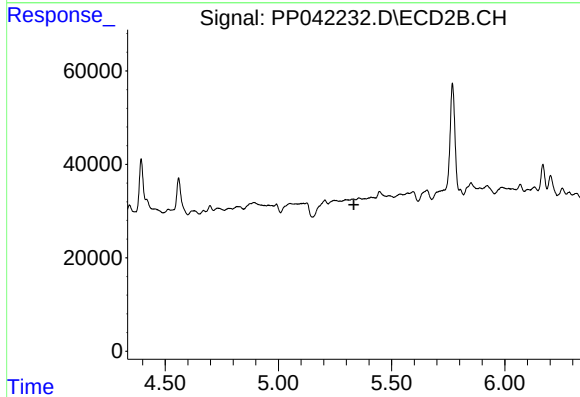
R.T.: 9.411 min
Delta R.T.: -0.007 min
Response: 230885
Conc: 14.28 ng/ml



#3 AR-1016-1

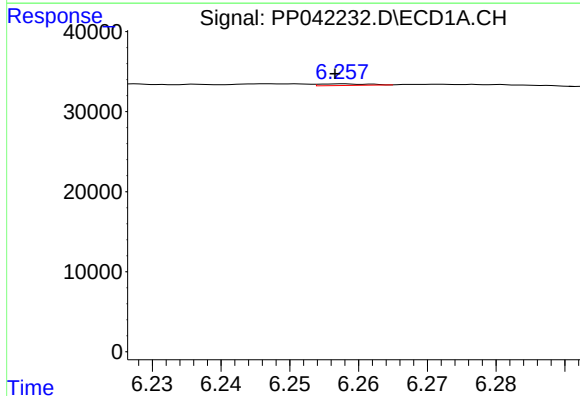
R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 1528
Conc: 3.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



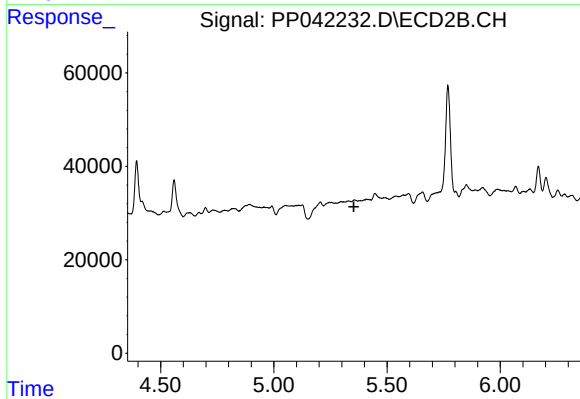
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.333 min
Response: 0
Conc: N.D.



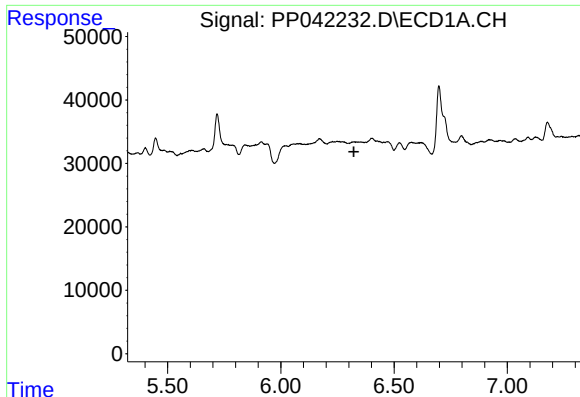
#4 AR-1016-2

R.T.: 6.258 min
Delta R.T.: 0.001 min
Response: 976
Conc: 1.47 ng/ml



#4 AR-1016-2

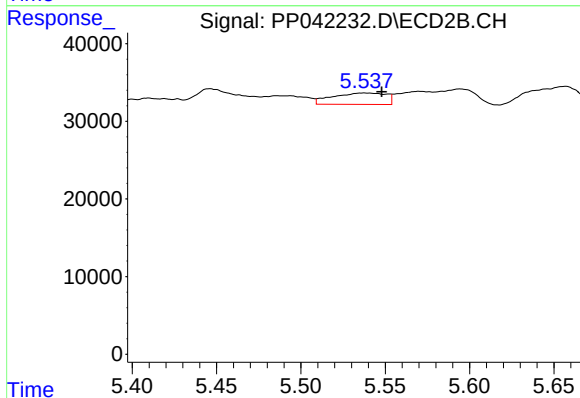
R.T.: 0.000 min
Exp R.T. : 5.354 min
Response: 0
Conc: N.D.



#5 AR-1016-3

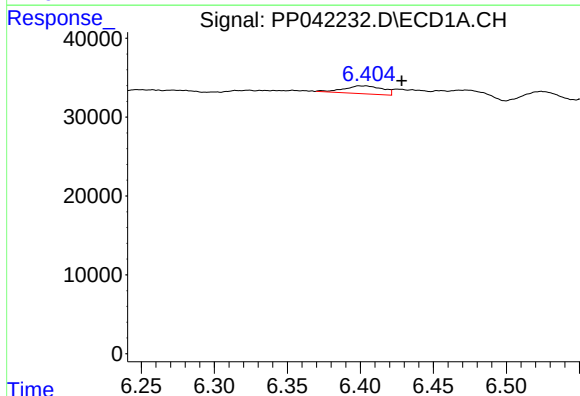
R.T.: 0.000 min
Exp R.T.: 6.322 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



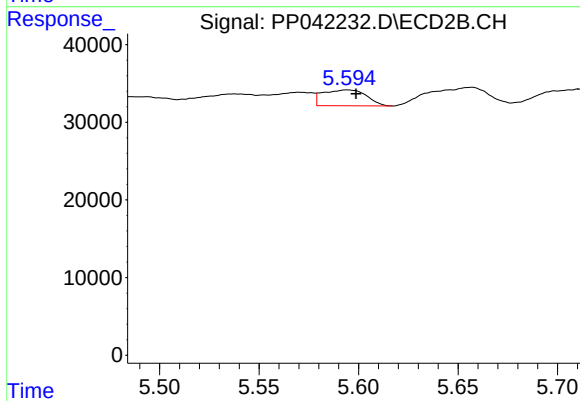
#5 AR-1016-3

R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 32402
Conc: 46.14 ng/ml



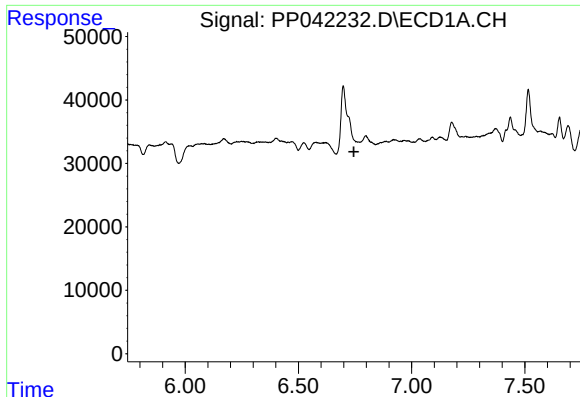
#6 AR-1016-4

R.T.: 6.399 min
Delta R.T.: -0.029 min
Response: 18466
Conc: 56.68 ng/ml



#6 AR-1016-4

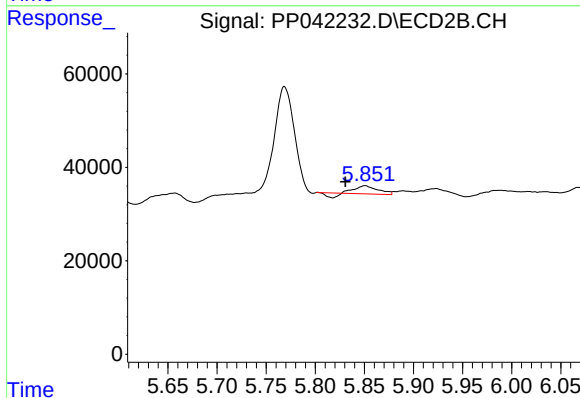
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 31088
Conc: 57.25 ng/ml



#7 AR-1016-5

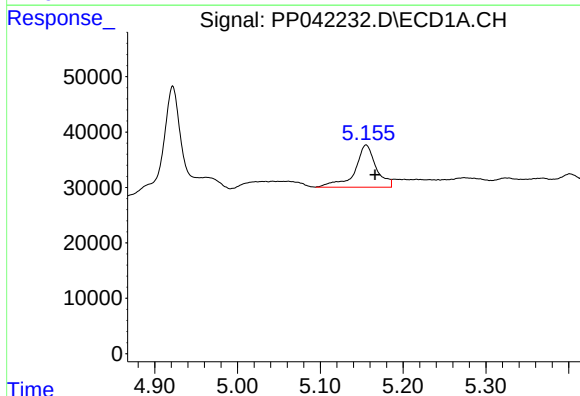
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



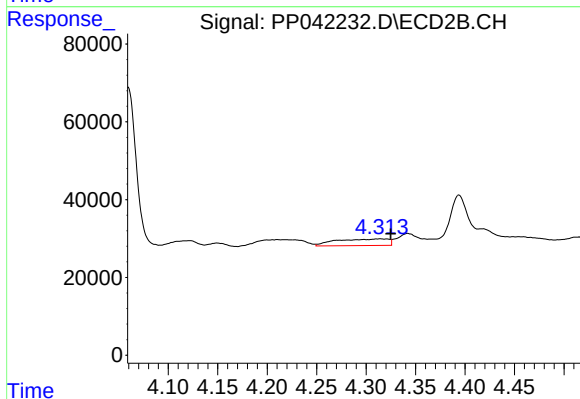
#7 AR-1016-5

R.T.: 5.851 min
Delta R.T.: 0.020 min
Response: 22920
Conc: 35.15 ng/ml



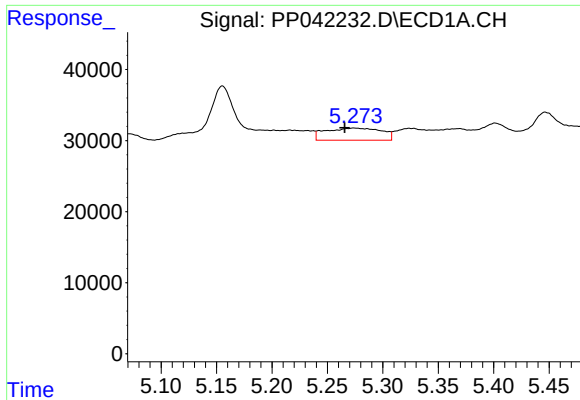
#8 AR-1221-1

R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 135907
Conc: 857.69 ng/ml



#8 AR-1221-1

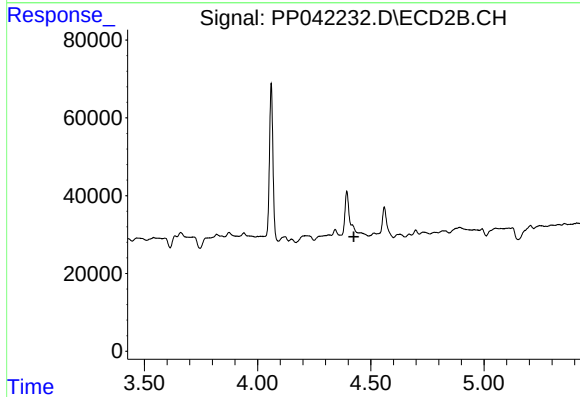
R.T.: 4.314 min
Delta R.T.: -0.011 min
Response: 62277
Conc: 240.47 ng/ml



#9 AR-1221-2

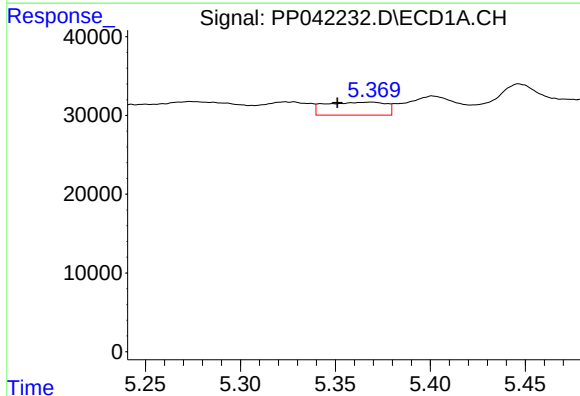
R.T.: 5.274 min
Delta R.T.: 0.008 min
Response: 59987
Conc: 532.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



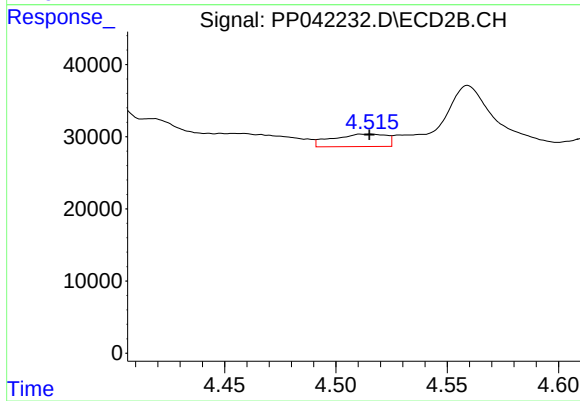
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.425 min
Response: 0
Conc: N.D.



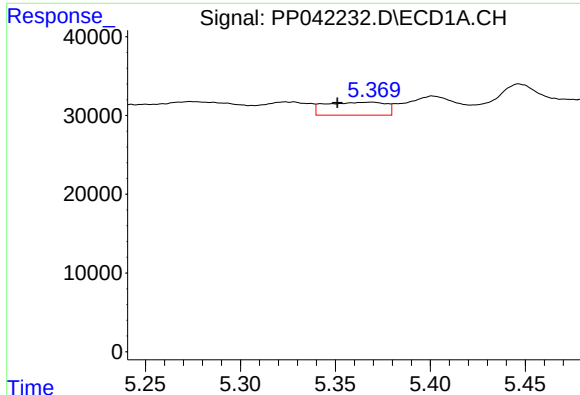
#10 AR-1221-3

R.T.: 5.369 min
Delta R.T.: 0.018 min
Response: 36199
Conc: 103.48 ng/ml



#10 AR-1221-3

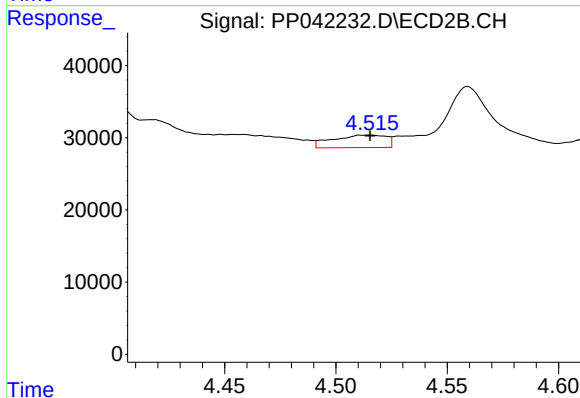
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 29234
Conc: 42.03 ng/ml



#11 AR-1232-1

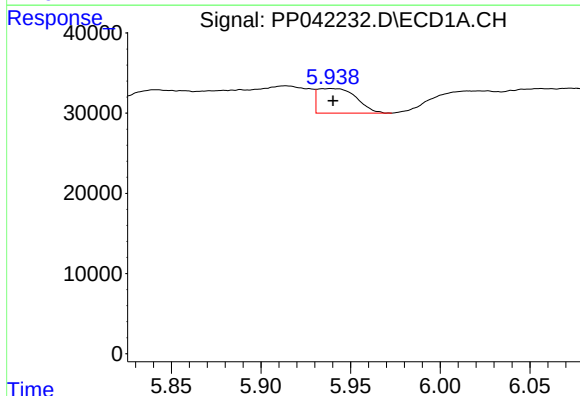
R.T.: 5.369 min
Delta R.T.: 0.018 min
Response: 36199
Conc: 125.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



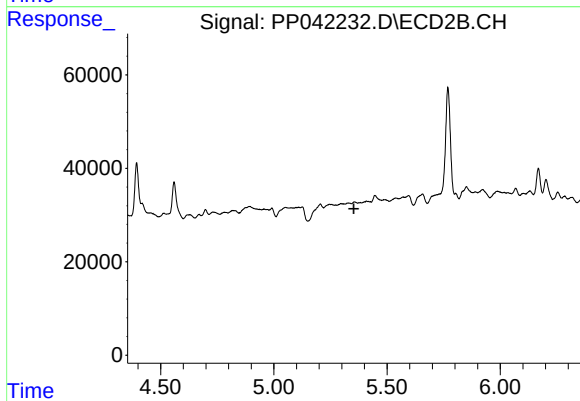
#11 AR-1232-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 29234
Conc: 50.00 ng/ml



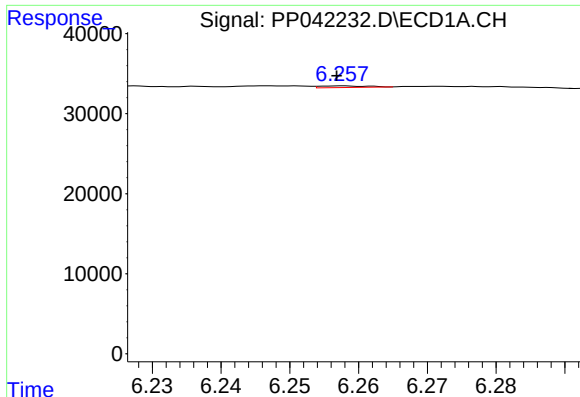
#12 AR-1232-2

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 45942
Conc: 309.91 ng/ml



#12 AR-1232-2

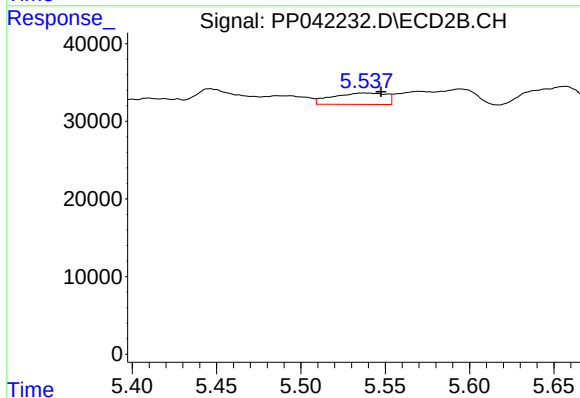
R.T.: 0.000 min
Exp R.T. : 5.354 min
Response: 0
Conc: N.D.



#13 AR-1232-3

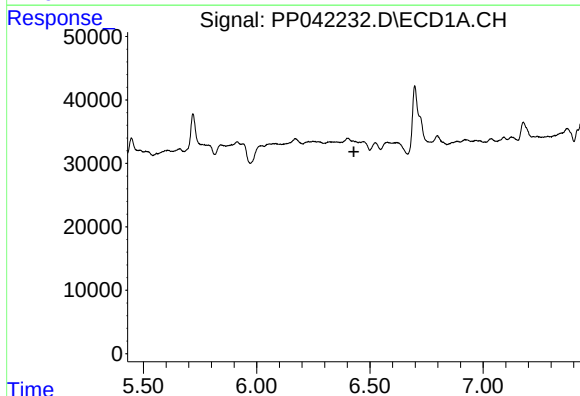
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 976
Conc: 3.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



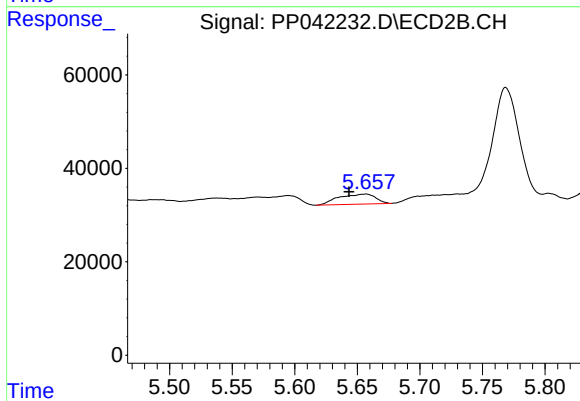
#13 AR-1232-3

R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 32402
Conc: 113.20 ng/ml



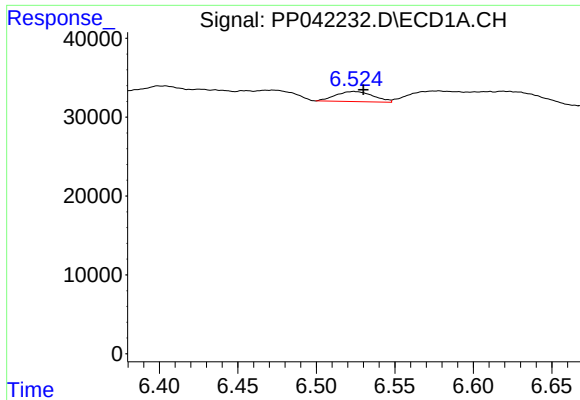
#14 AR-1232-4

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



#14 AR-1232-4

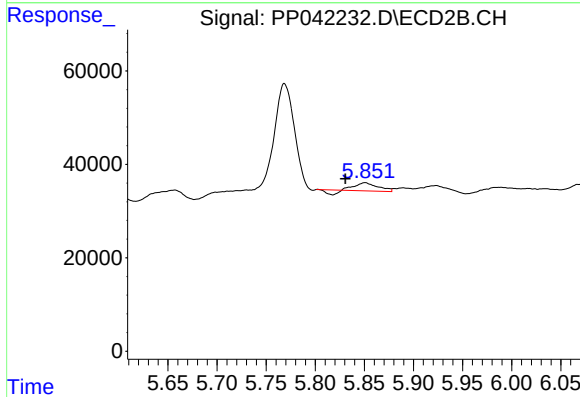
R.T.: 5.657 min
Delta R.T.: 0.013 min
Response: 44394
Conc: 184.05 ng/ml



#15 AR-1232-5

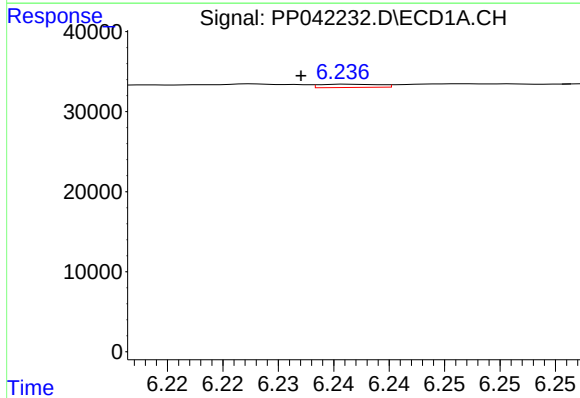
R.T.: 6.524 min
Delta R.T.: -0.006 min
Response: 21435
Conc: 207.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



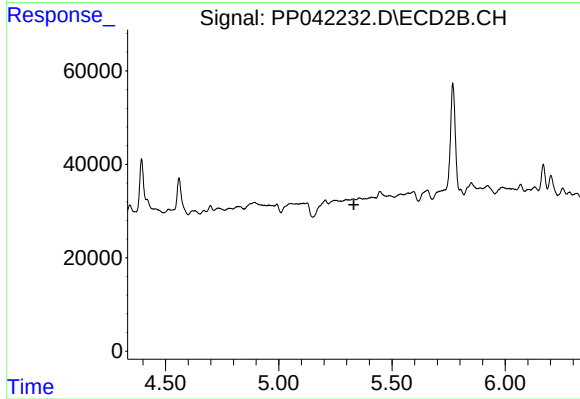
#15 AR-1232-5

R.T.: 5.851 min
Delta R.T.: 0.020 min
Response: 22920
Conc: 94.40 ng/ml



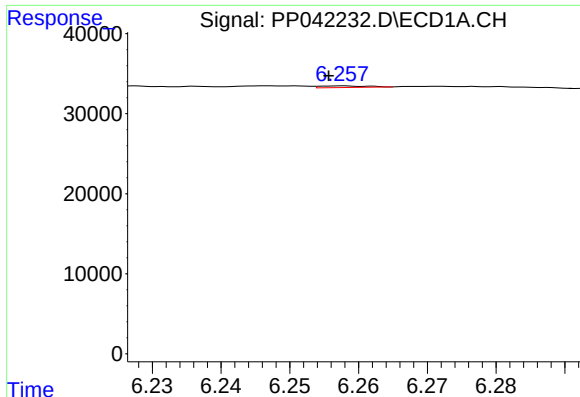
#16 AR-1242-1

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 1528
Conc: 4.69 ng/ml



#16 AR-1242-1

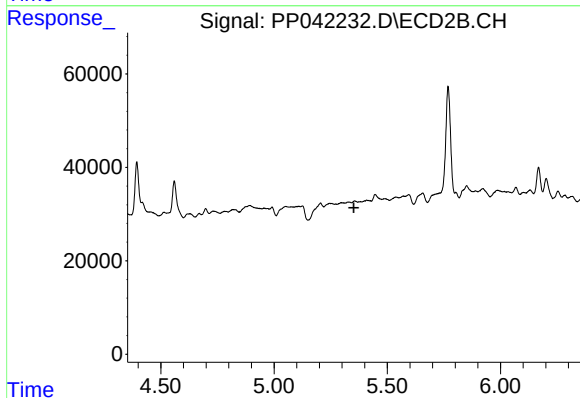
R.T.: 0.000 min
Exp R.T. : 5.332 min
Response: 0
Conc: N.D.



#17 AR-1242-2

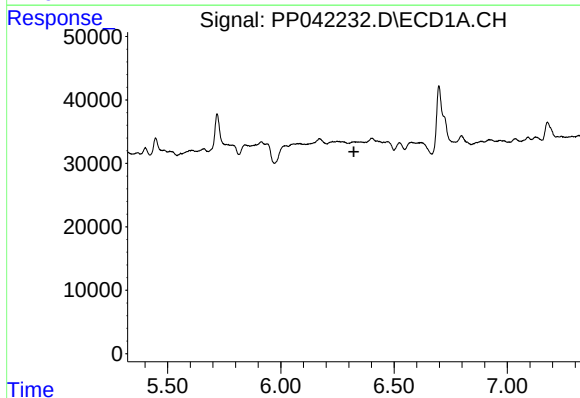
R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 976
Conc: 2.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



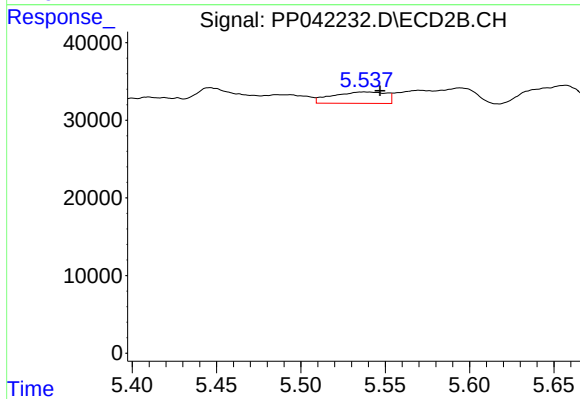
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.353 min
Response: 0
Conc: N.D.



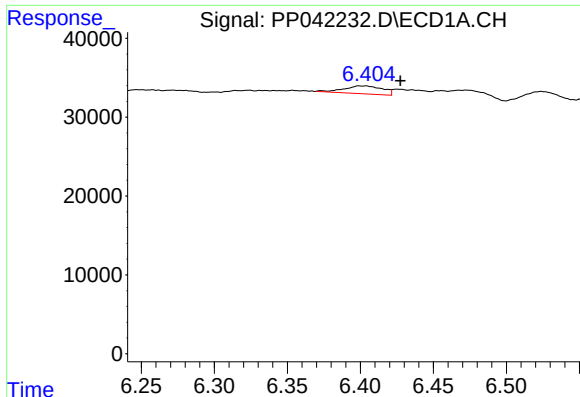
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.322 min
Response: 0
Conc: N.D.



#18 AR-1242-3

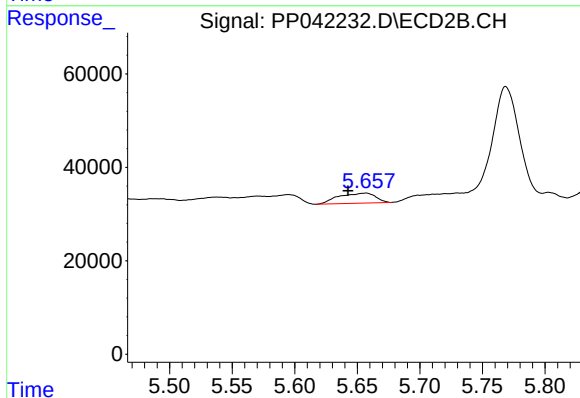
R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 32402
Conc: 61.31 ng/ml



#19 AR-1242-4

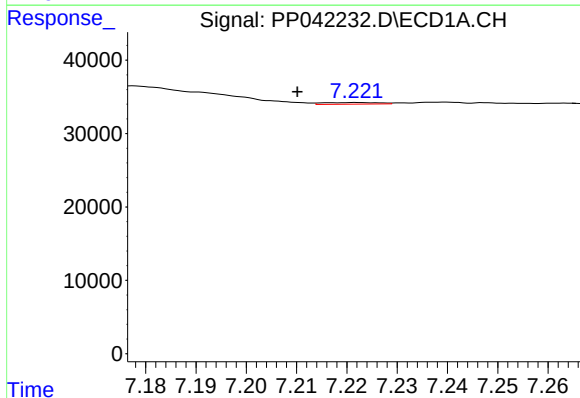
R.T.: 6.399 min
Delta R.T.: -0.029 min
Response: 18466
Conc: 75.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



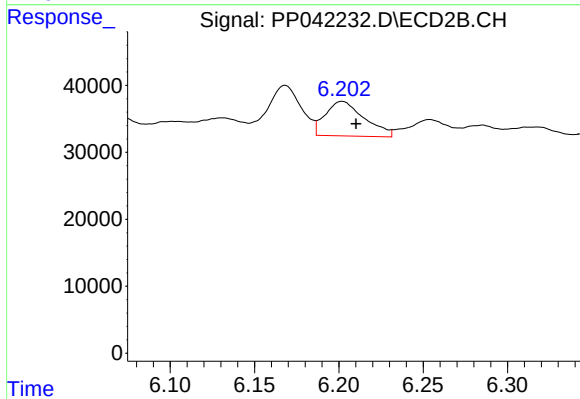
#19 AR-1242-4

R.T.: 5.657 min
Delta R.T.: 0.014 min
Response: 44394
Conc: 87.74 ng/ml



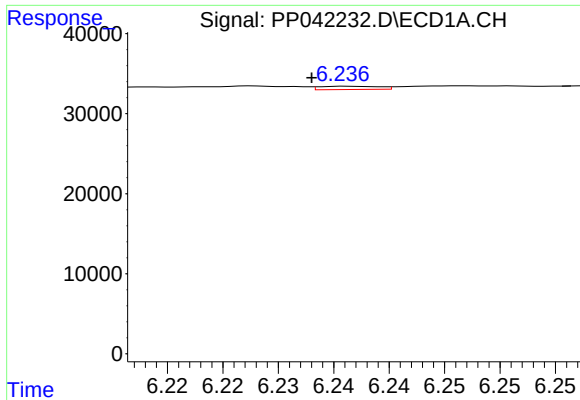
#20 AR-1242-5

R.T.: 7.222 min
Delta R.T.: 0.012 min
Response: 1720
Conc: 6.61 ng/ml



#20 AR-1242-5

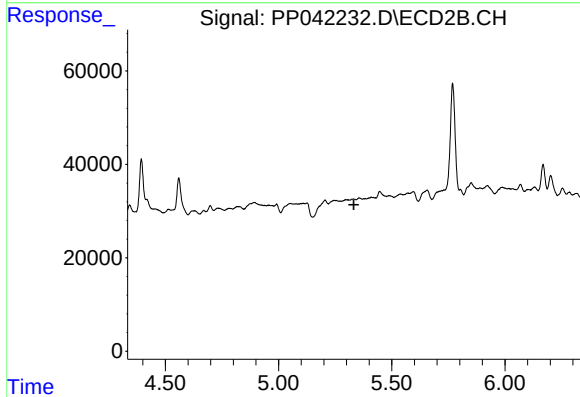
R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 83266
Conc: 140.46 ng/ml



#21 AR-1248-1

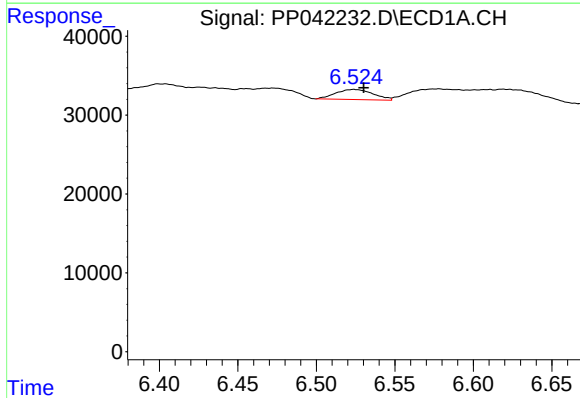
R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 1528
Conc: 6.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



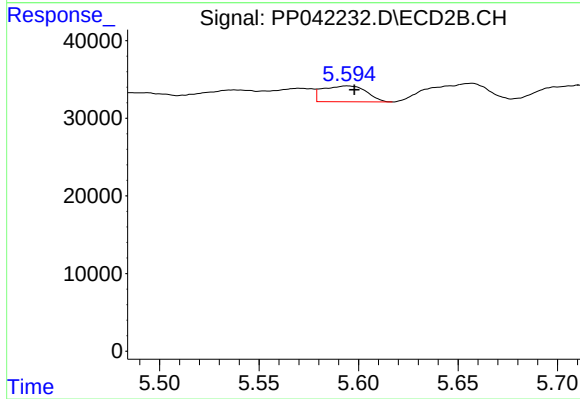
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.332 min
Response: 0
Conc: N.D.



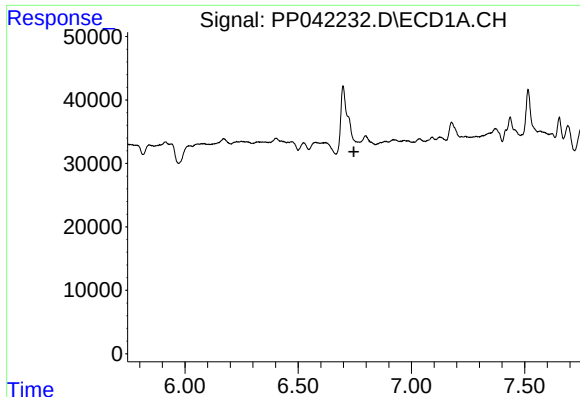
#22 AR-1248-2

R.T.: 6.524 min
Delta R.T.: -0.006 min
Response: 21435
Conc: 60.69 ng/ml



#22 AR-1248-2

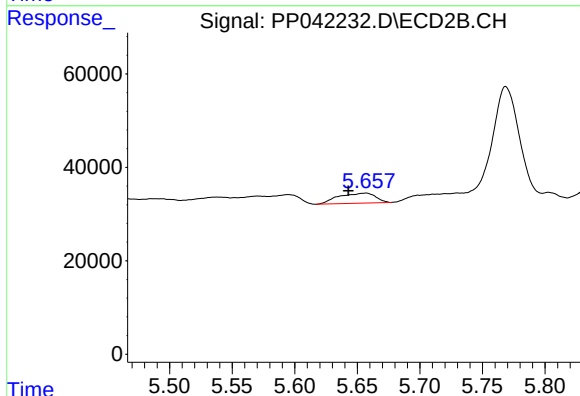
R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 31088
Conc: 44.15 ng/ml



#23 AR-1248-3

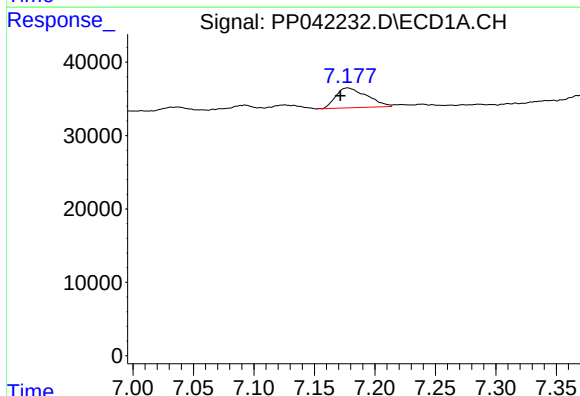
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



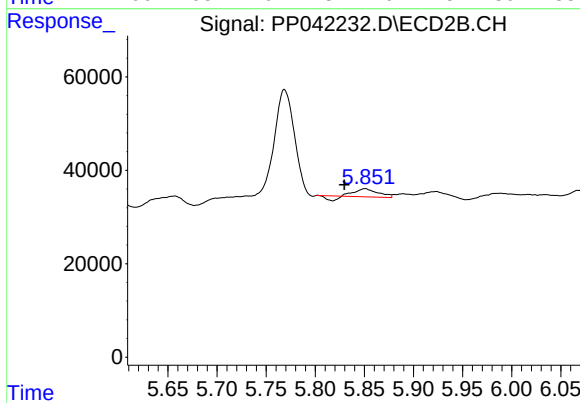
#23 AR-1248-3

R.T.: 5.657 min
Delta R.T.: 0.014 min
Response: 44394
Conc: 59.83 ng/ml



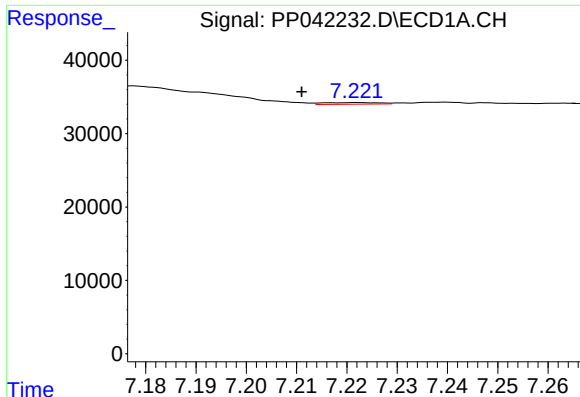
#24 AR-1248-4

R.T.: 7.178 min
Delta R.T.: 0.006 min
Response: 48240
Conc: 106.39 ng/ml



#24 AR-1248-4

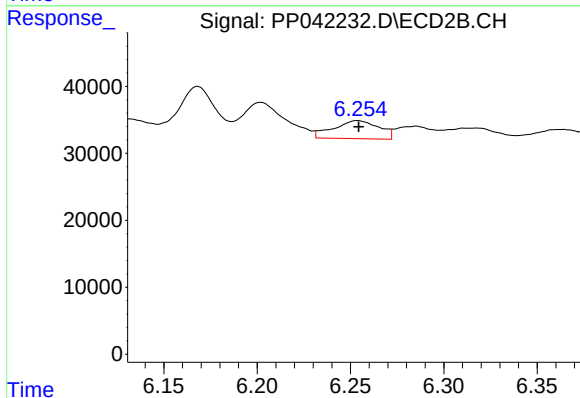
R.T.: 5.851 min
Delta R.T.: 0.021 min
Response: 22920
Conc: 27.22 ng/ml



#25 AR-1248-5

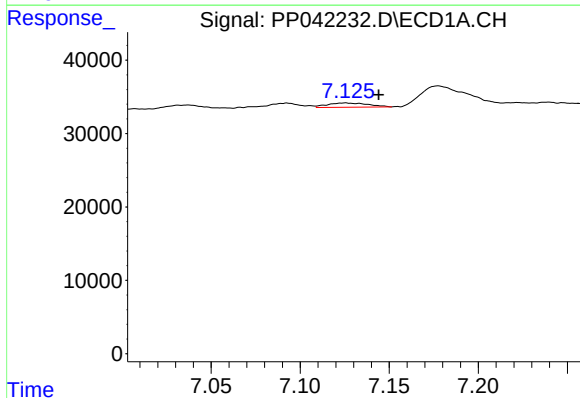
R.T.: 7.222 min
Delta R.T.: 0.011 min
Response: 1720
Conc: 3.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



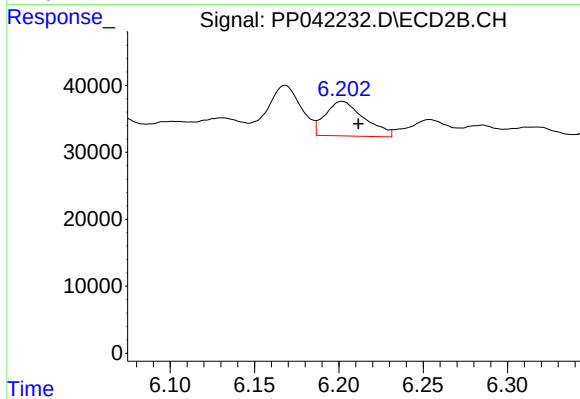
#25 AR-1248-5

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 45741
Conc: 55.22 ng/ml



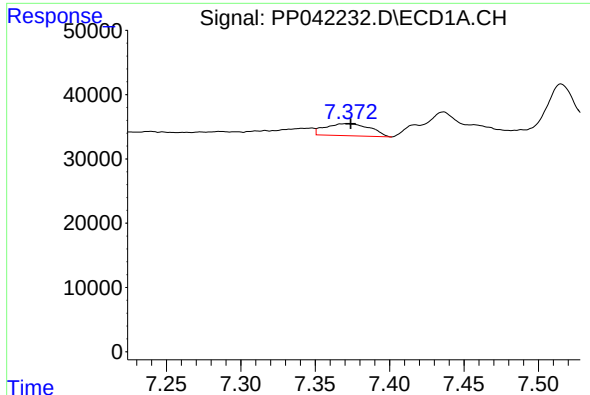
#26 AR-1254-1

R.T.: 7.126 min
Delta R.T.: -0.018 min
Response: 9219
Conc: 18.49 ng/ml



#26 AR-1254-1

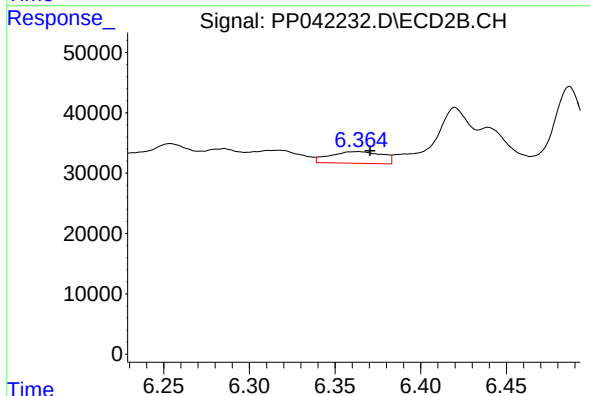
R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 83266
Conc: 66.57 ng/ml



#27 AR-1254-2

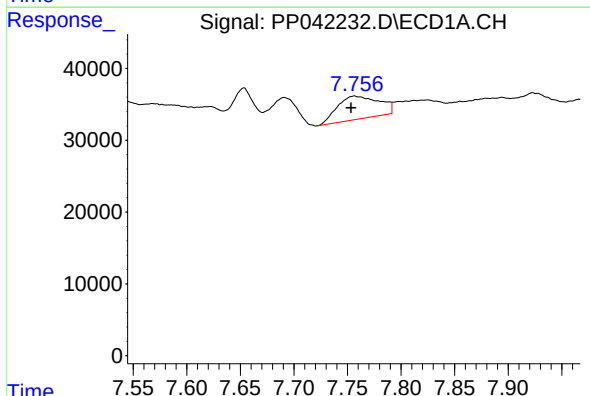
R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 39269
Conc: 51.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



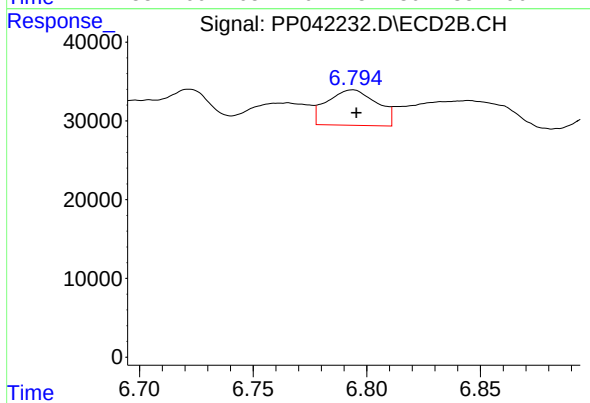
#27 AR-1254-2

R.T.: 6.363 min
Delta R.T.: -0.007 min
Response: 40856
Conc: 37.54 ng/ml



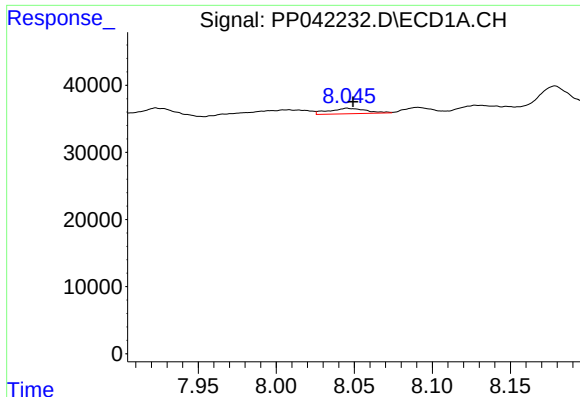
#28 AR-1254-3

R.T.: 7.757 min
Delta R.T.: 0.003 min
Response: 86615
Conc: 112.26 ng/ml



#28 AR-1254-3

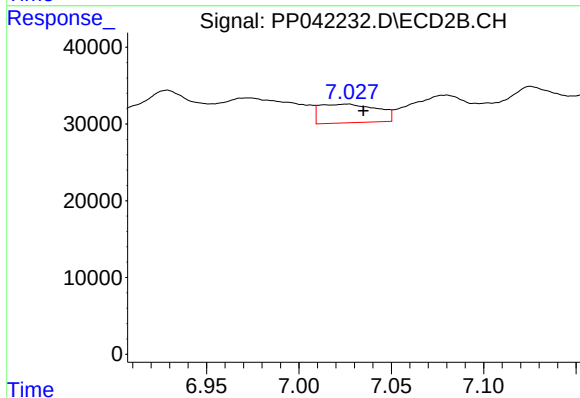
R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 68672
Conc: 41.34 ng/ml



#29 AR-1254-4

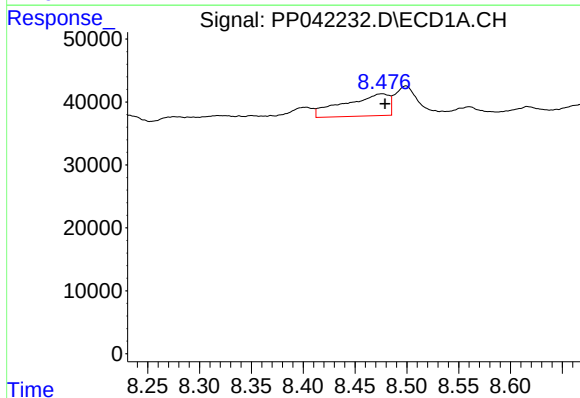
R.T.: 8.045 min
Delta R.T.: -0.004 min
Response: 13366
Conc: 24.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



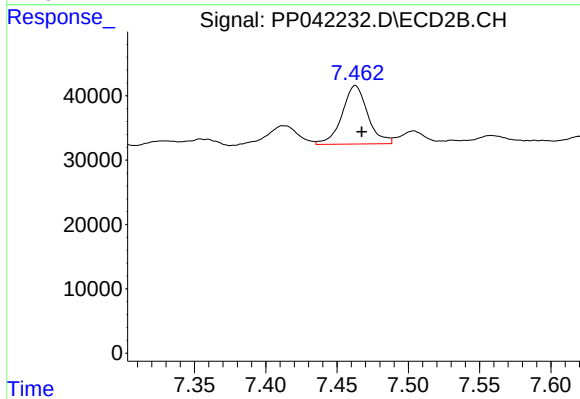
#29 AR-1254-4

R.T.: 7.026 min
Delta R.T.: -0.009 min
Response: 52301
Conc: 53.61 ng/ml



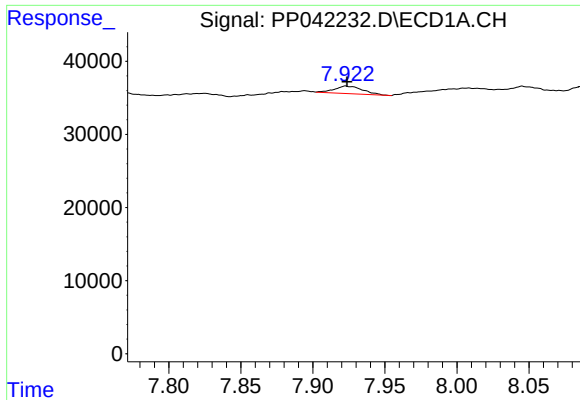
#30 AR-1254-5

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 104494
Conc: 166.87 ng/ml



#30 AR-1254-5

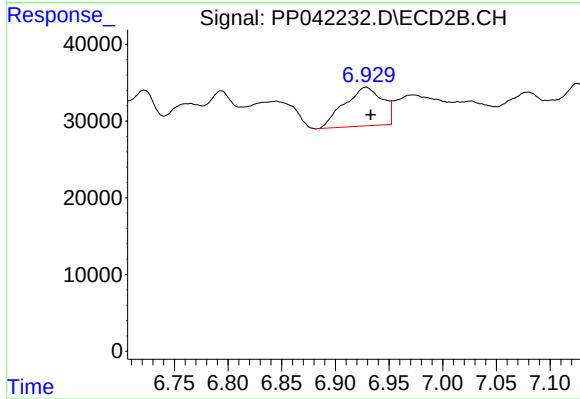
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 113962
Conc: 88.93 ng/ml



#31 AR-1260-1

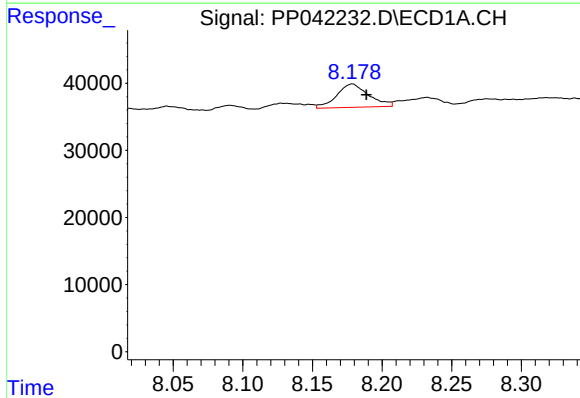
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 14248
Conc: 24.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



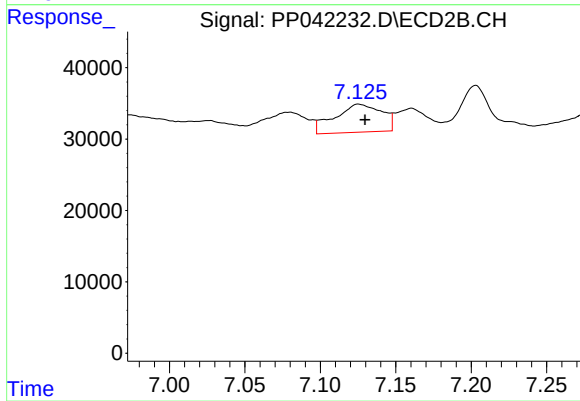
#31 AR-1260-1

R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 124631
Conc: 117.27 ng/ml



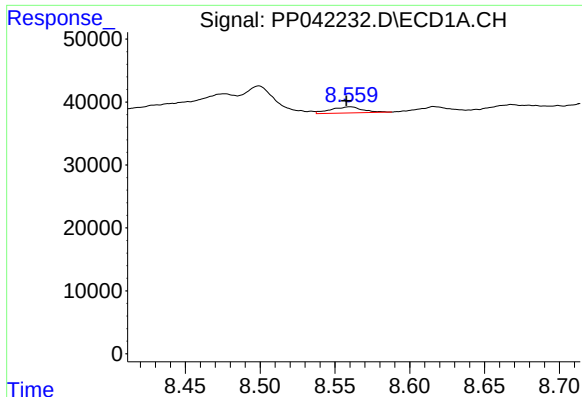
#32 AR-1260-2

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 55541
Conc: 71.93 ng/ml



#32 AR-1260-2

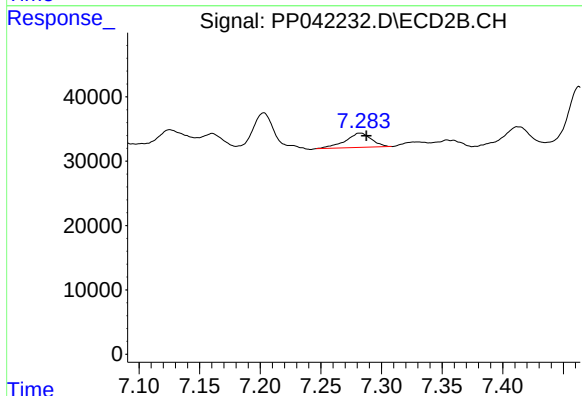
R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 85290
Conc: 69.09 ng/ml



#33 AR-1260-3

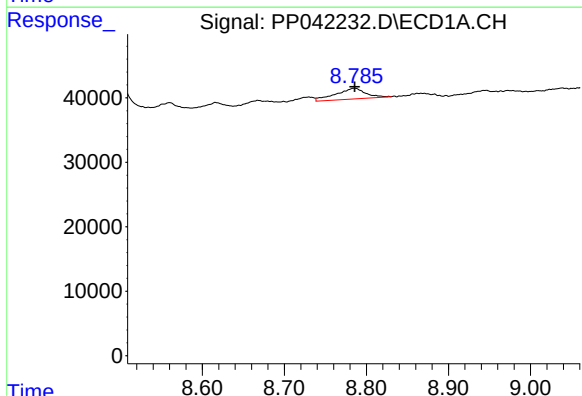
R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 14347
Conc: 27.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



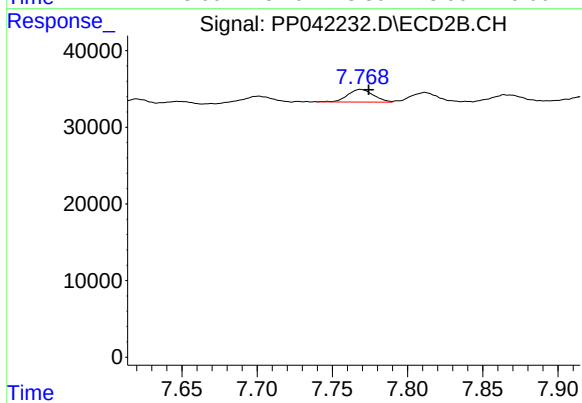
#33 AR-1260-3

R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 33442
Conc: 24.96 ng/ml



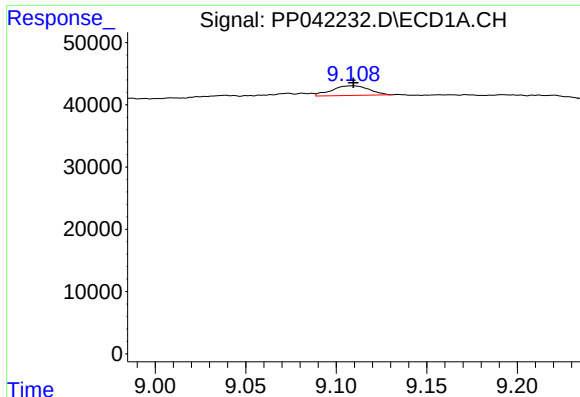
#34 AR-1260-4

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 43664
Conc: 75.41 ng/ml



#34 AR-1260-4

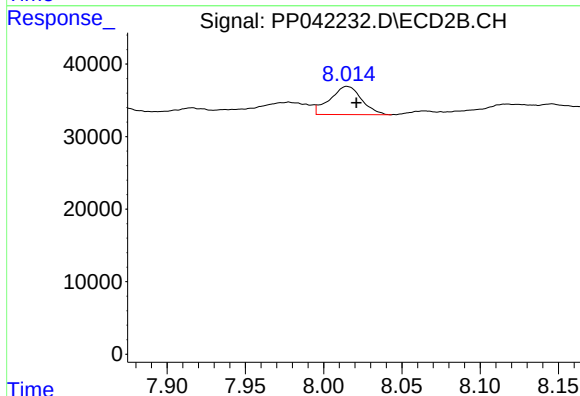
R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 19854
Conc: 22.23 ng/ml



#35 AR-1260-5

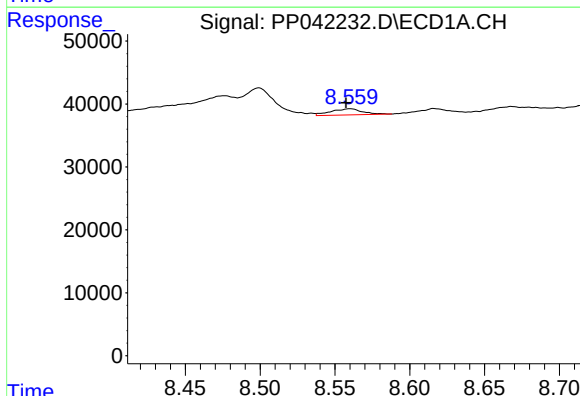
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 22235
Conc: 19.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



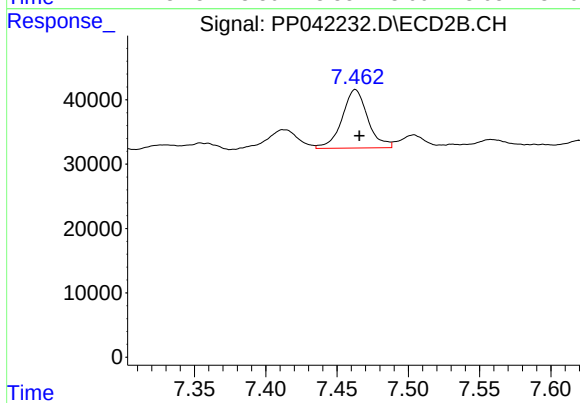
#35 AR-1260-5

R.T.: 8.015 min
Delta R.T.: -0.006 min
Response: 54614
Conc: 28.38 ng/ml



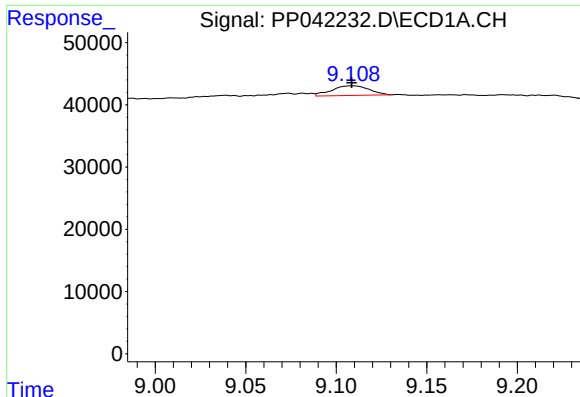
#36 AR-1262-1

R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 14347
Conc: 18.70 ng/ml



#36 AR-1262-1

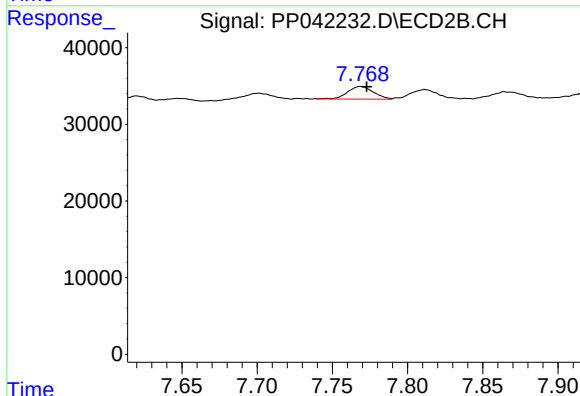
R.T.: 7.463 min
Delta R.T.: -0.003 min
Response: 113962
Conc: 171.28 ng/ml



#37 AR-1262-2

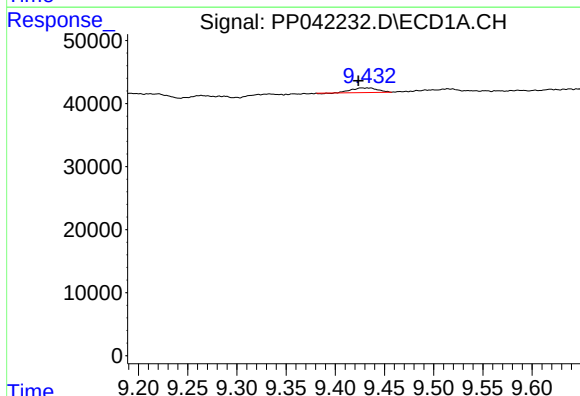
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 22235
Conc: 18.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



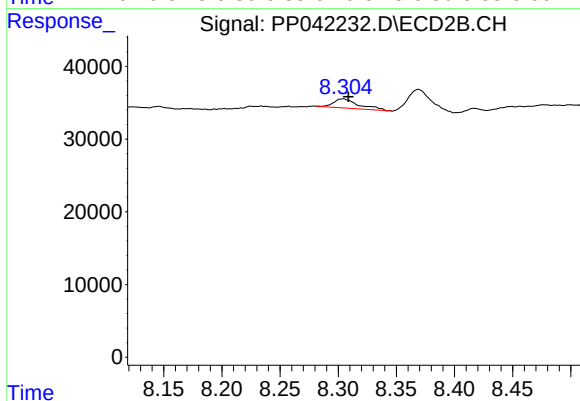
#37 AR-1262-2

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 19854
Conc: 18.31 ng/ml



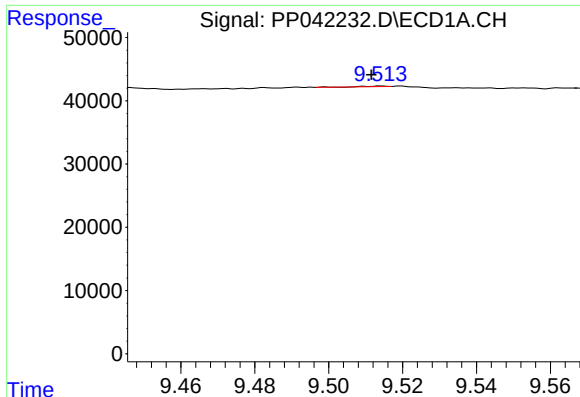
#38 AR-1262-3

R.T.: 9.426 min
Delta R.T.: 0.003 min
Response: 13139
Conc: 26.73 ng/ml



#38 AR-1262-3

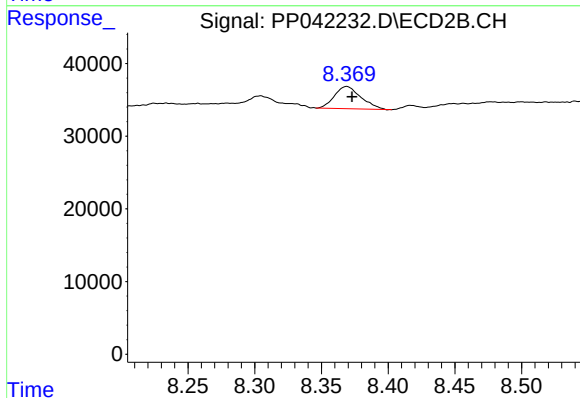
R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 19208
Conc: 25.21 ng/ml



#39 AR-1262-4

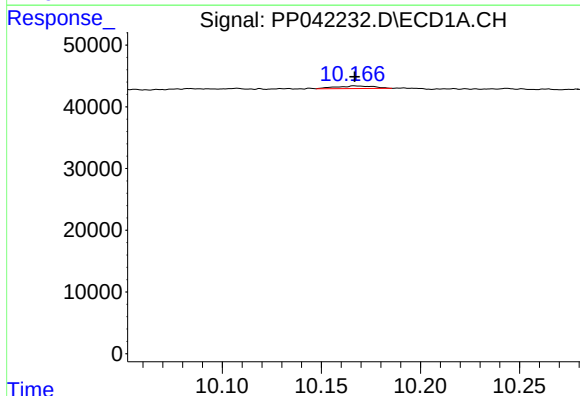
R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 432
Conc: 1.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



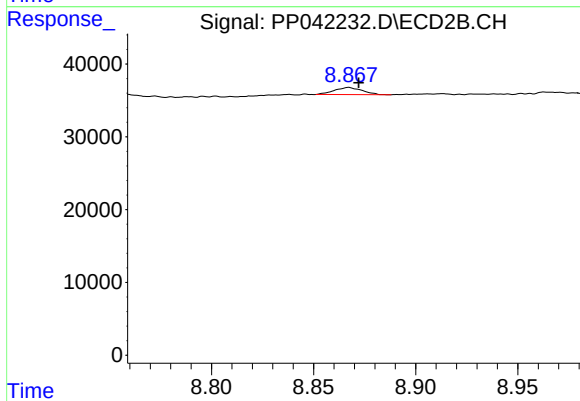
#39 AR-1262-4

R.T.: 8.369 min
Delta R.T.: -0.004 min
Response: 42218
Conc: 27.71 ng/ml



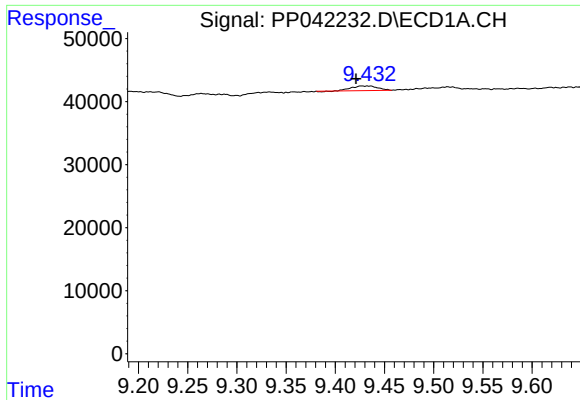
#40 AR-1262-5

R.T.: 10.167 min
Delta R.T.: 0.000 min
Response: 5503
Conc: 12.01 ng/ml



#40 AR-1262-5

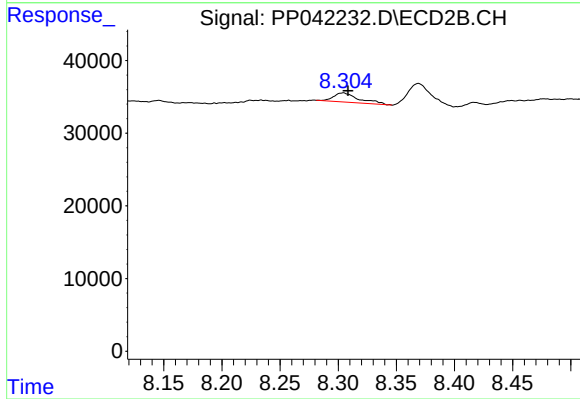
R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 9354
Conc: 13.08 ng/ml



#41 AR-1268-1

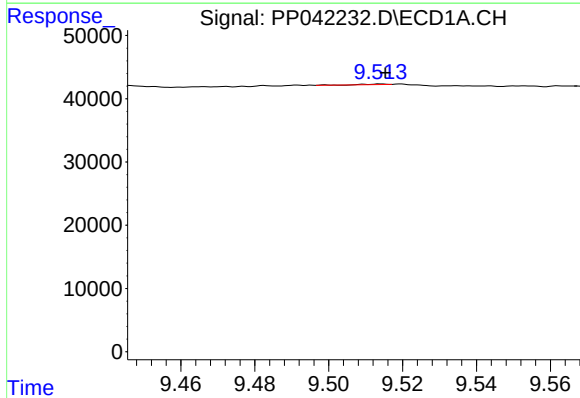
R.T.: 9.426 min
Delta R.T.: 0.005 min
Response: 13139
Conc: 8.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



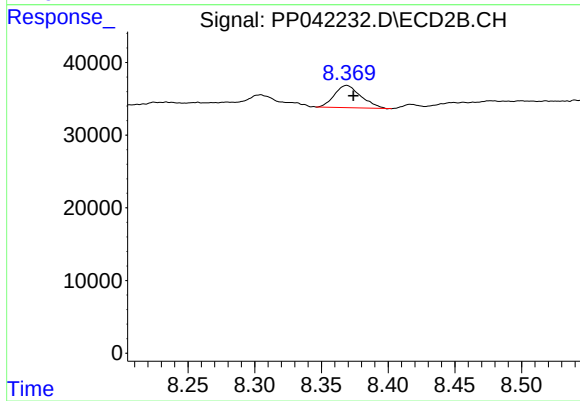
#41 AR-1268-1

R.T.: 8.304 min
Delta R.T.: -0.004 min
Response: 19208
Conc: 8.49 ng/ml



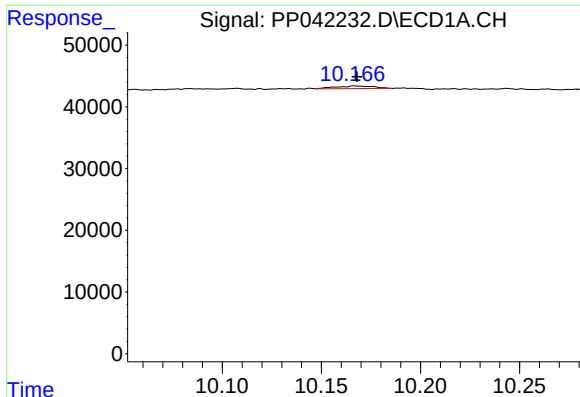
#42 AR-1268-2

R.T.: 9.514 min
Delta R.T.: -0.001 min
Response: 432
Conc: 0.30 ng/ml



#42 AR-1268-2

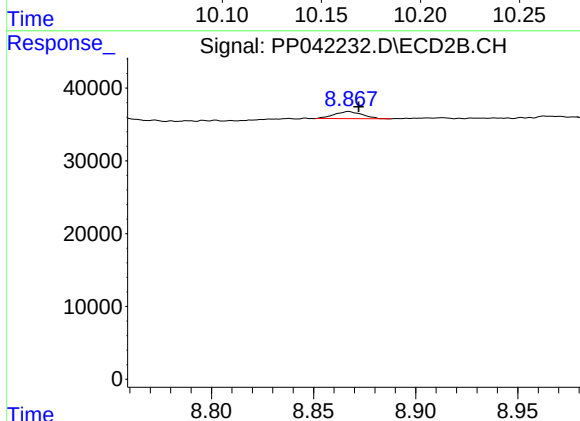
R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 42218
Conc: 19.34 ng/ml



#44 AR-1268-4

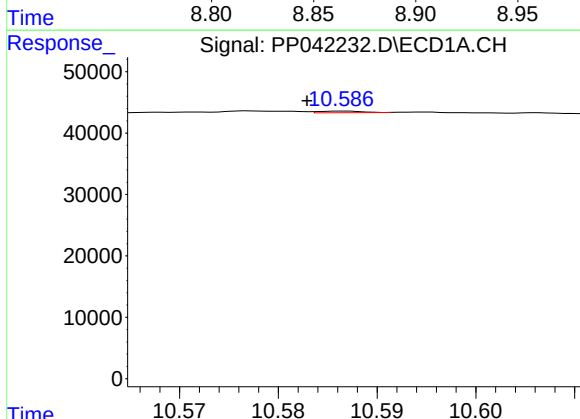
R.T.: 10.167 min
Delta R.T.: -0.001 min
Response: 5503
Conc: 10.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



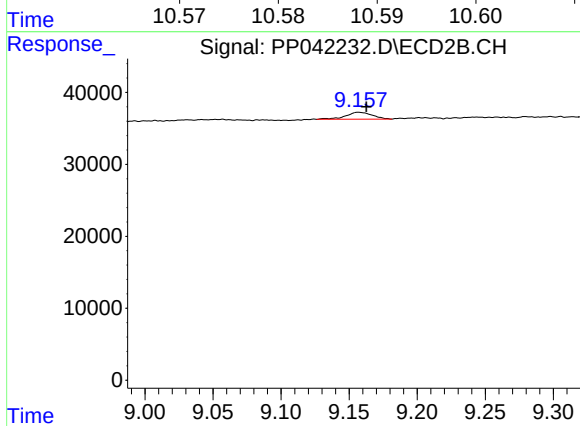
#44 AR-1268-4

R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 9354
Conc: 11.83 ng/ml



#45 AR-1268-5

R.T.: 10.587 min
Delta R.T.: 0.004 min
Response: 775
Conc: 0.20 ng/ml



#45 AR-1268-5

R.T.: 9.158 min
Delta R.T.: -0.005 min
Response: 13064
Conc: 2.29 ng/ml