Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102221\
Data File : PP040398.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2021 23:27
Operator : AJ\MA
Sample : M4312-02 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 23:41:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 13 08:03:59 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...	4.886	3.975	90049	55768	2.965	3.299	
2)	SA Decachlor...	10.905	9.300	121338	71208	4.909	3.355	#
	Target Compounds							
3)	L1 AR-1016-1	0.000	5.222f	0	14356	N.D.	21.997	#
4)	L1 AR-1016-2	0.000	5.275	0	20834	N.D.	22.789	#
5)	L1 AR-1016-3	6.298	0.000	60087	0	68.950	N.D.	#
8)	L2 AR-1221-1	0.000	4.256	0	164526	N.D.	803.952	#
9)	L2 AR-1221-2	5.256	0.000	39703	0	178.207	N.D.	#
10)	L2 AR-1221-3	0.000	4.413f	0	7130	N.D.	13.167	#
11)	L3 AR-1232-1	0.000	4.413f	0	7130	N.D.	17.556	#
12)	L3 AR-1232-2	5.933	5.275	23220	20834	67.654	53.294	
14)	L3 AR-1232-4	0.000	5.546	0	13787	N.D.	72.864	#
16)	L4 AR-1242-1	0.000	5.222f	0	14356	N.D.	28.851	#
17)	L4 AR-1242-2	0.000	5.275	0	20834	N.D.	30.504	#
18)	L4 AR-1242-3	6.298	0.000	60087	0	86.455	N.D.	#
19)	L4 AR-1242-4	0.000	5.546	0	13787	N.D.	37.218	#
20)	L4 AR-1242-5	0.000	6.114	0	15355	N.D.	32.193	#
21)	L5 AR-1248-1	0.000	5.222f	0	14356	N.D.	36.821	#
23)	L5 AR-1248-3	0.000	5.546	0	13787	N.D.	24.389	#
25)	L5 AR-1248-5	0.000	6.154	0	25024	N.D.	40.112	#
26)	L6 AR-1254-1	0.000	6.114	0	15355	N.D.	16.028	#
27)	L6 AR-1254-2	7.353	6.272	26639	14836	19.243	16.809	
28)	L6 AR-1254-3	7.734	6.699	15906	20685	11.165	15.172	#
29)	L6 AR-1254-4	8.028	6.957	21294	14763	20.123	17.211	
30)	L6 AR-1254-5	8.445f	7.357f	35906	39150	30.719	30.330	
31)	L7 AR-1260-1	7.932f	6.851	43661	21102	39.969	21.067	#
32)	L7 AR-1260-2	8.182	7.032	22436	9561	16.415	8.075	#
34)	L7 AR-1260-4	8.751f	7.701f	90005	71702	85.272	81.580	
35)	L7 AR-1260-5	9.125f	0.000	45316	0	21.883	N.D.	#
36)	L8 AR-1262-1	0.000	7.357f	0	39150	N.D.	55.732	#
37)	L8 AR-1262-2	9.125f	0.000	45316	0	18.273	N.D.	#
38)	L8 AR-1262-3	9.415	0.000	117189	0	101.895	N.D.	#
39)	L8 AR-1262-4	0.000	8.282	0	16073	N.D.	9.066	#
41)	L9 AR-1268-1	9.415	0.000	117189	0	39.684	N.D.	#
42)	L9 AR-1268-2	0.000	8.282	0	16073	N.D.	6.420	#

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

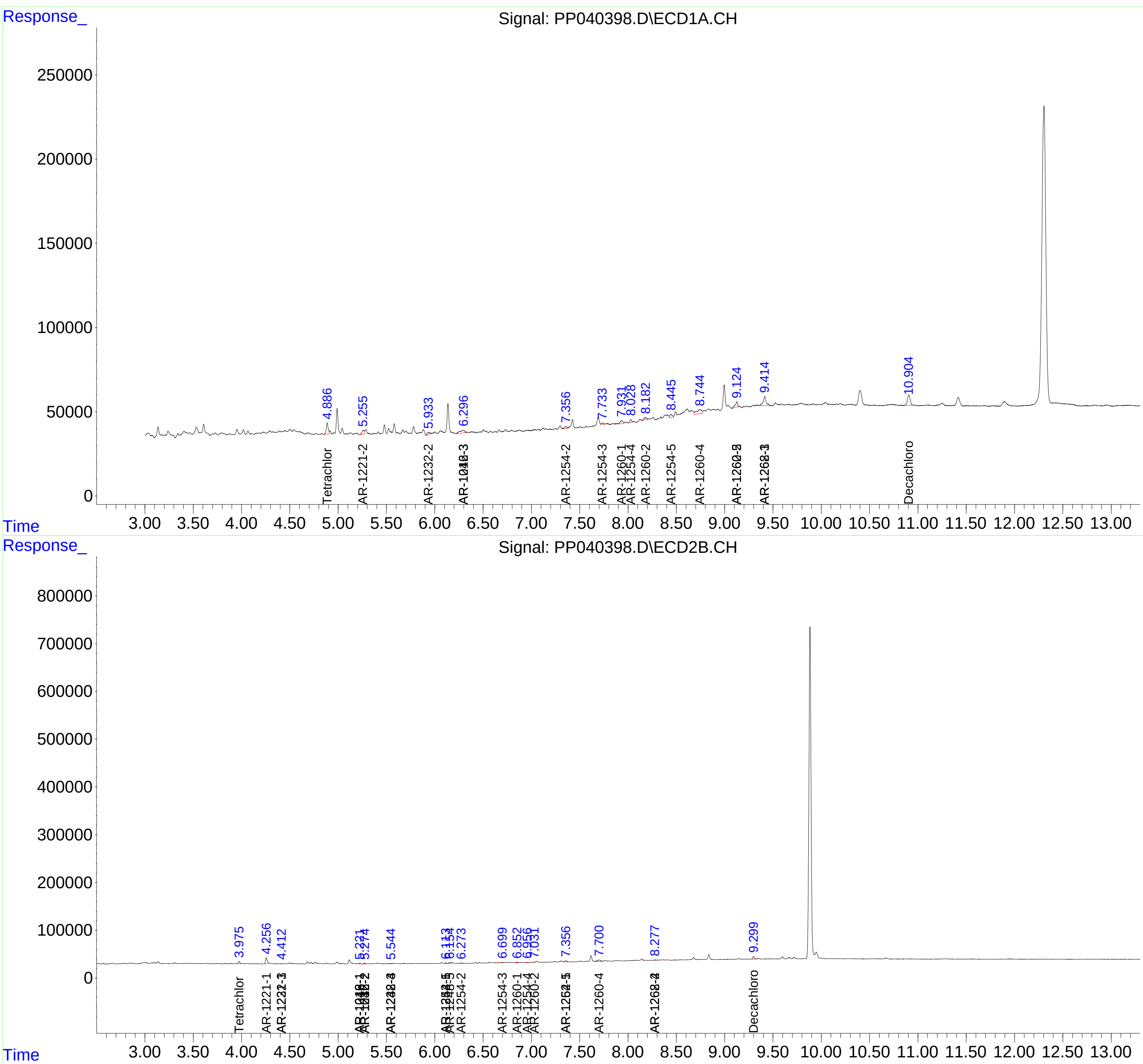
Quantitation Report (Not Reviewed)

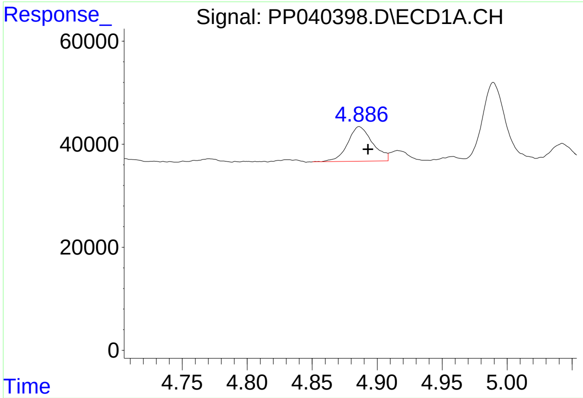
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102221\
Data File : PP040398.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2021 23:27
Operator : AJ\MA
Sample : M4312-02 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 23:41:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 13 08:03:59 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

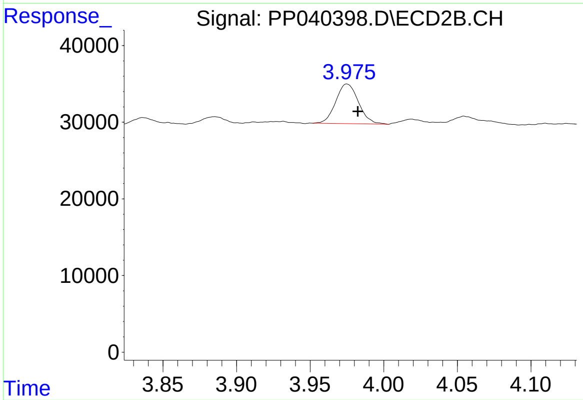




#1 Tetrachloro-m-xylene

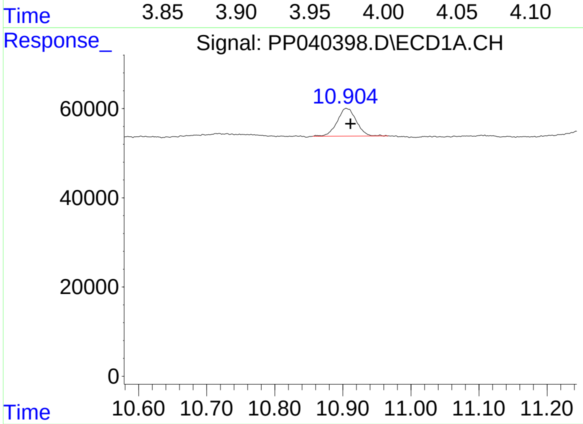
R.T.: 4.886 min
Delta R.T.: -0.007 min
Response: 90049
Conc: 2.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



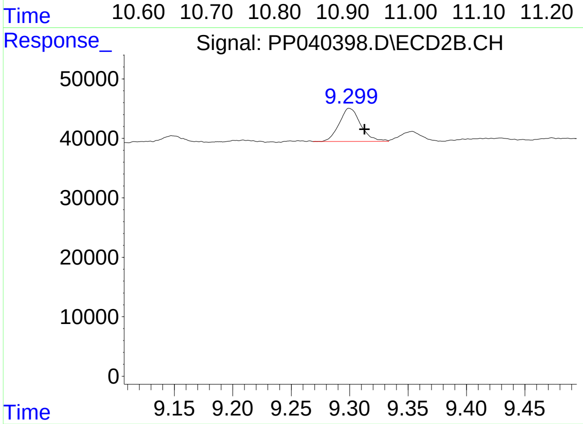
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.007 min
Response: 55768
Conc: 3.30 ng/ml



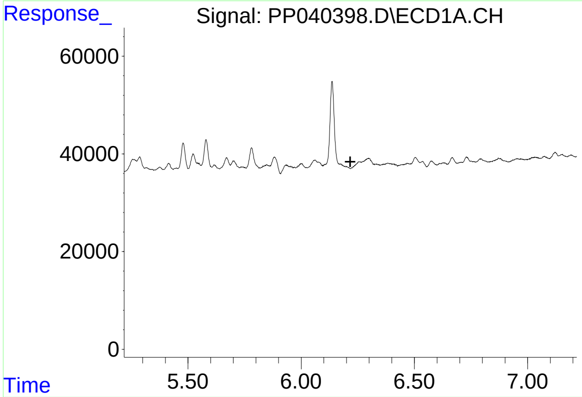
#2 Decachlorobiphenyl

R.T.: 10.905 min
Delta R.T.: -0.006 min
Response: 121338
Conc: 4.91 ng/ml



#2 Decachlorobiphenyl

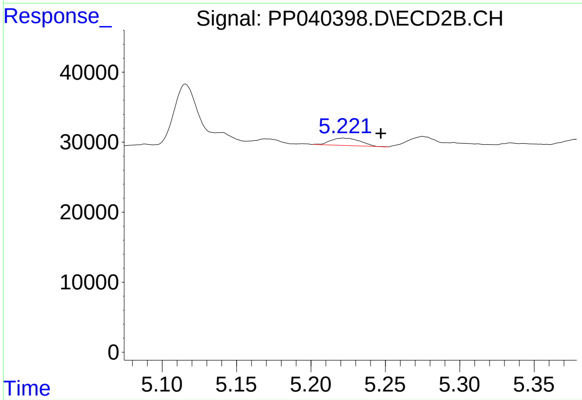
R.T.: 9.300 min
Delta R.T.: -0.013 min
Response: 71208
Conc: 3.36 ng/ml



#3 AR-1016-1

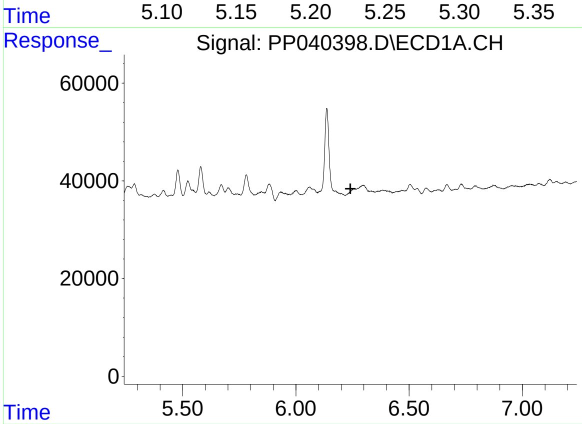
R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



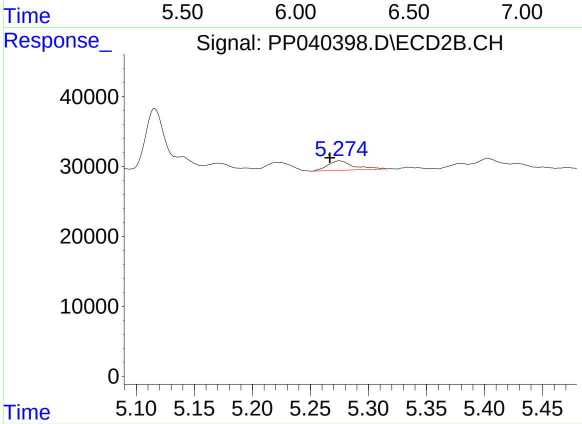
#3 AR-1016-1

R.T.: 5.222 min
Delta R.T.: -0.025 min
Response: 14356
Conc: 22.00 ng/ml



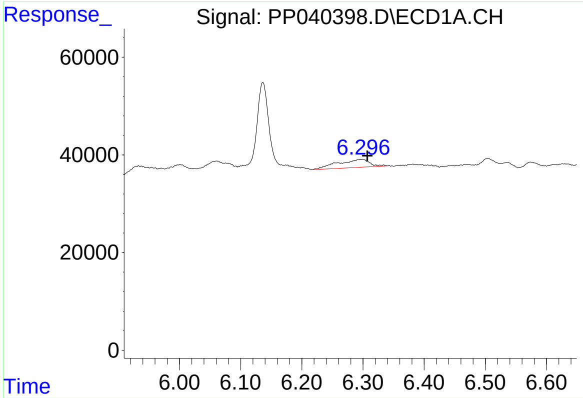
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.240 min
Response: 0
Conc: N.D.



#4 AR-1016-2

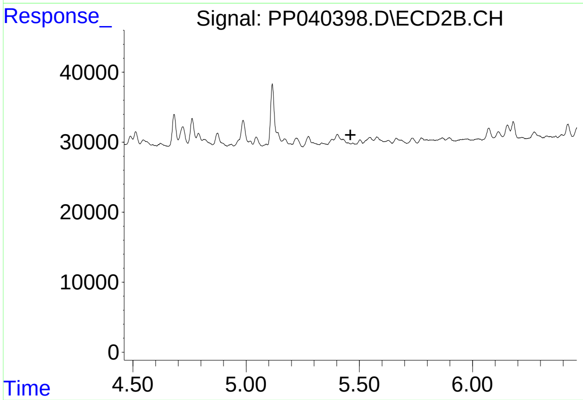
R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 20834
Conc: 22.79 ng/ml



#5 AR-1016-3

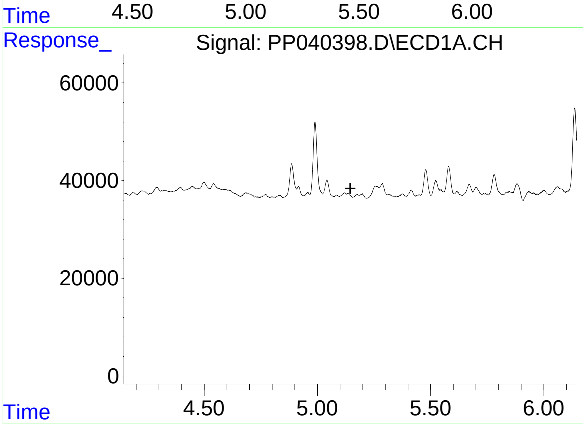
```
     R.T.:    6.298 min
Delta R.T.:   -0.009 min
  Response:     60087
     Conc:  68.95 ng/ml
```

Instrument :
ECD_P
ClientSampleId :



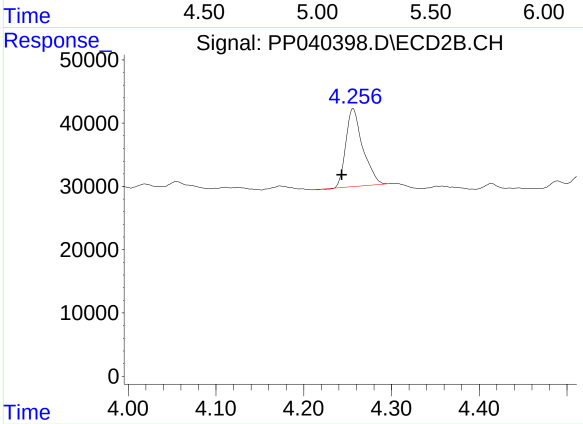
#5 AR-1016-3

```
     R.T.:    0.000 min
Exp R.T.  :   5.461 min
  Response:         0
     Conc:   N.D.
```



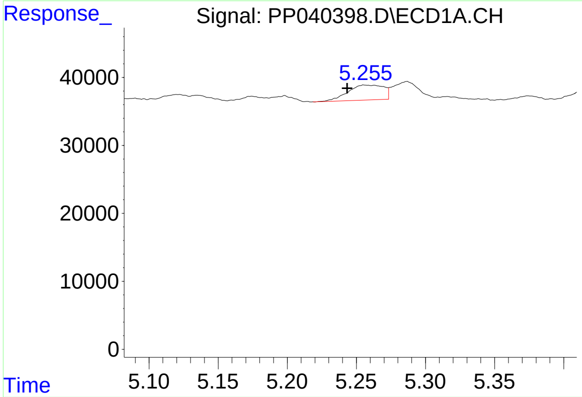
#8 AR-1221-1

```
     R.T.:    0.000 min
Exp R.T.  :   5.145 min
  Response:         0
     Conc:   N.D.
```



#8 AR-1221-1

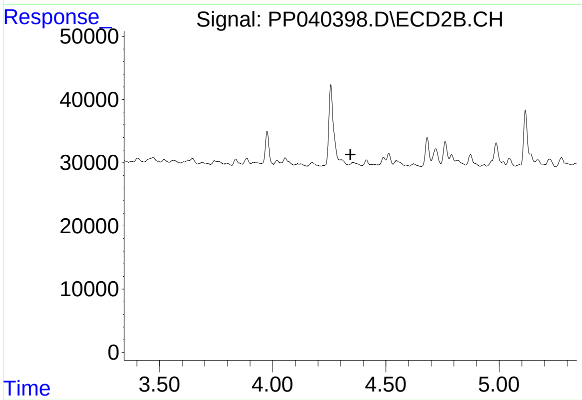
```
     R.T.:    4.256 min
Delta R.T.:    0.013 min
  Response:    164526
     Conc: 803.95 ng/ml
```



#9 AR-1221-2

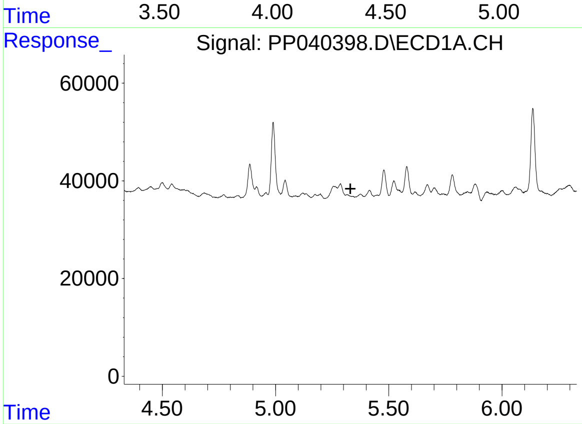
R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 39703
Conc: 178.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



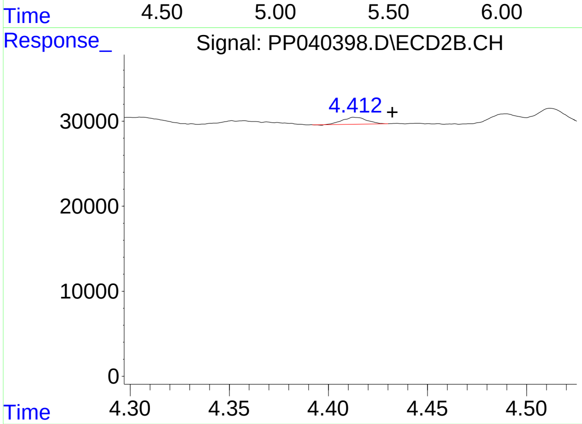
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.343 min
Response: 0
Conc: N.D.



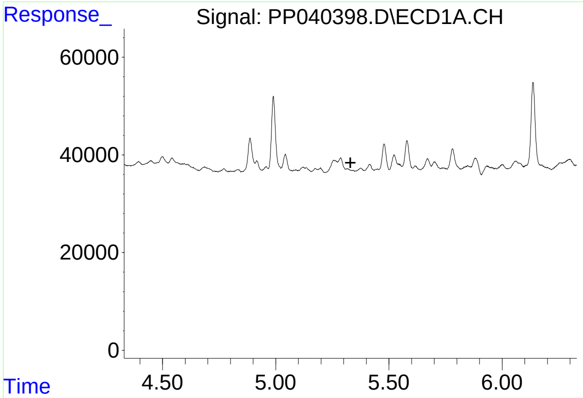
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.331 min
Response: 0
Conc: N.D.



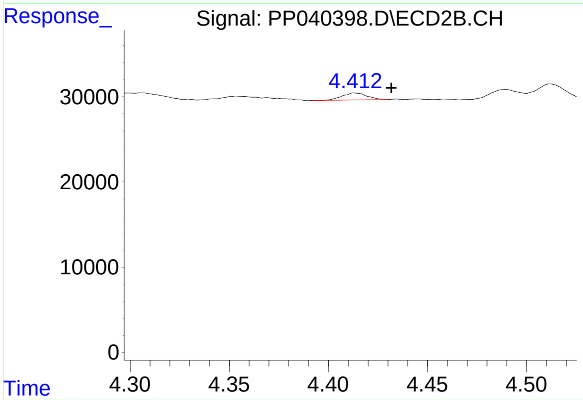
#10 AR-1221-3

R.T.: 4.413 min
Delta R.T.: -0.019 min
Response: 7130
Conc: 13.17 ng/ml



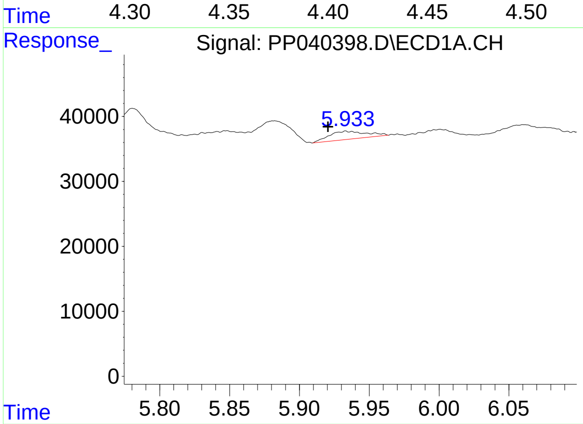
#11 AR-1232-1

```
     R.T.:    0.000 min
Exp R.T.  :    5.330 min
  Response:         0
     Conc:    N.D.
```



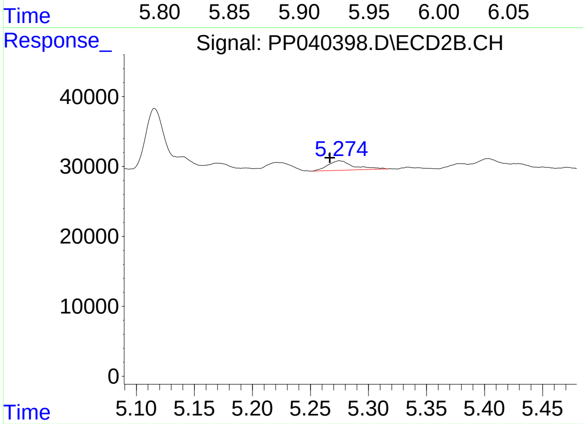
#11 AR-1232-1

```
     R.T.:    4.413 min
Delta R.T.:   -0.019 min
  Response:      7130
     Conc:   17.56 ng/ml
```



#12 AR-1232-2

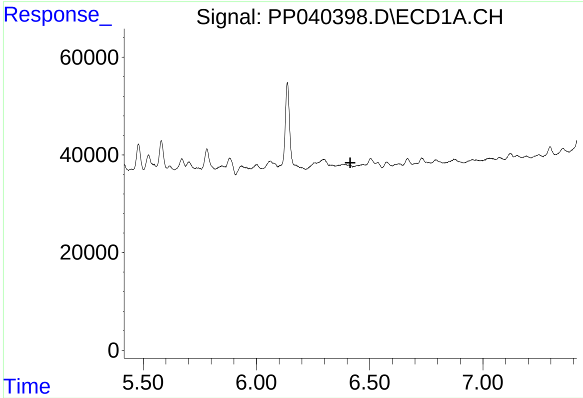
```
     R.T.:    5.933 min
Delta R.T.:    0.013 min
  Response:     23220
     Conc:   67.65 ng/ml
```



#12 AR-1232-2

```
     R.T.:    5.275 min
Delta R.T.:    0.009 min
  Response:     20834
     Conc:   53.29 ng/ml
```

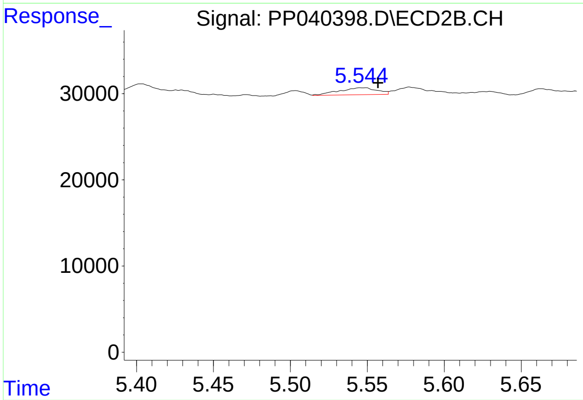
Instrument :
ECD_P
ClientSampleId :



#14 AR-1232-4

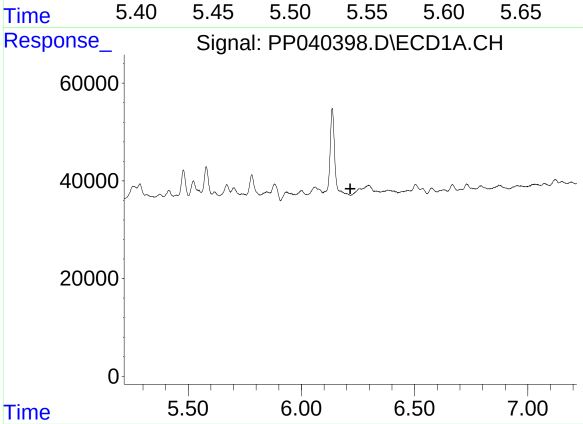
R.T.: 0.000 min
Exp R.T. : 6.414 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



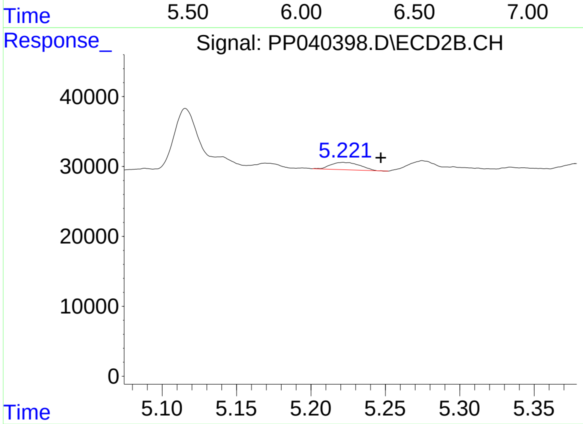
#14 AR-1232-4

R.T.: 5.546 min
Delta R.T.: -0.011 min
Response: 13787
Conc: 72.86 ng/ml



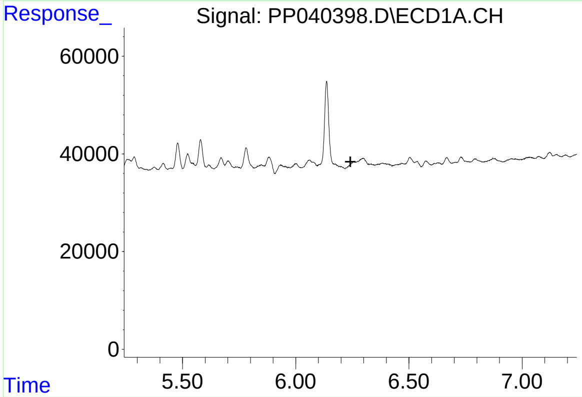
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



#16 AR-1242-1

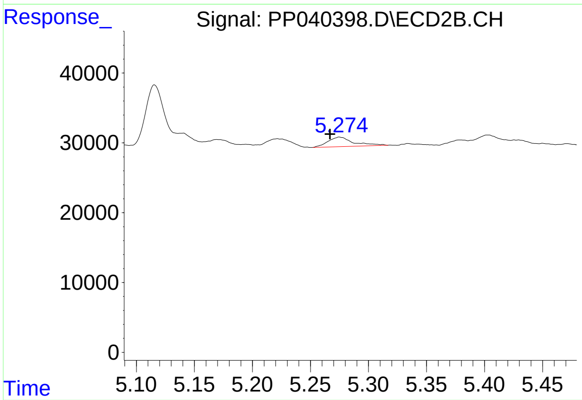
R.T.: 5.222 min
Delta R.T.: -0.025 min
Response: 14356
Conc: 28.85 ng/ml



#17 AR-1242-2

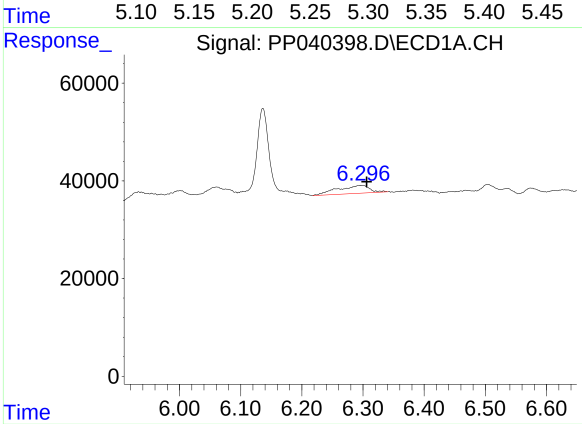
R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



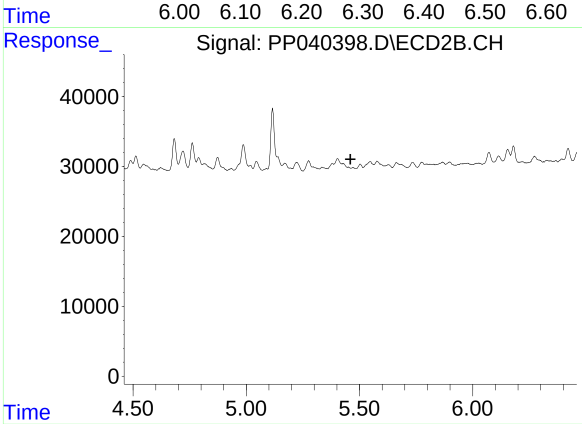
#17 AR-1242-2

R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 20834
Conc: 30.50 ng/ml



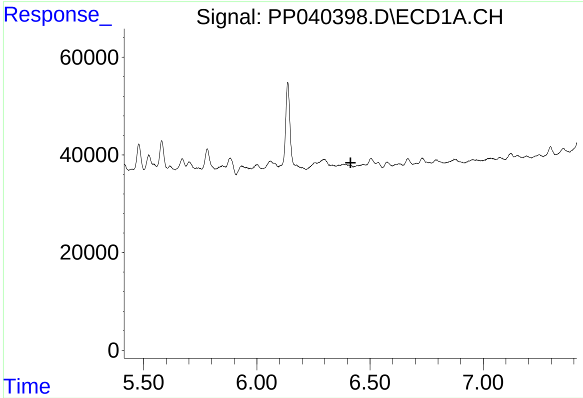
#18 AR-1242-3

R.T.: 6.298 min
Delta R.T.: -0.008 min
Response: 60087
Conc: 86.46 ng/ml



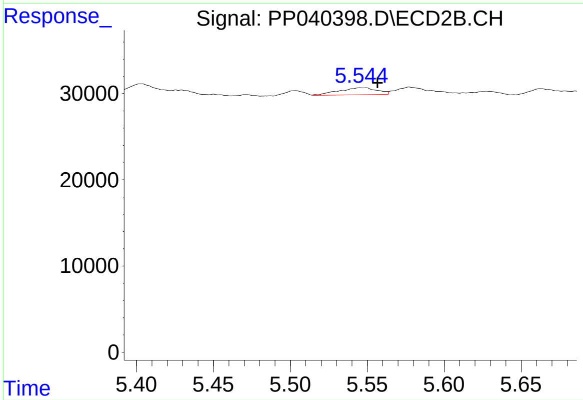
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.

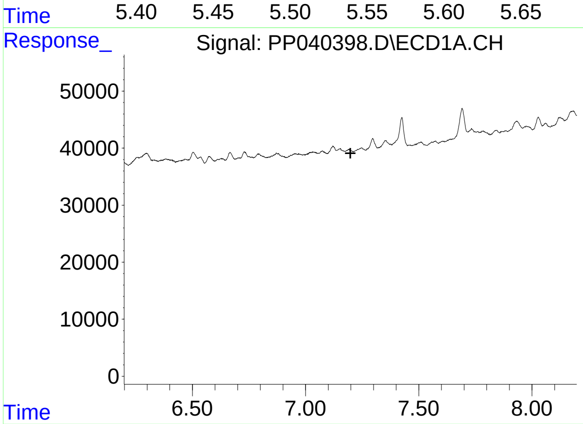



```
#19  AR-1242-4

      R.T.:     0.000 min
Exp R.T.  :     6.414 min
  Response:         0
      Conc:    N.D.
```

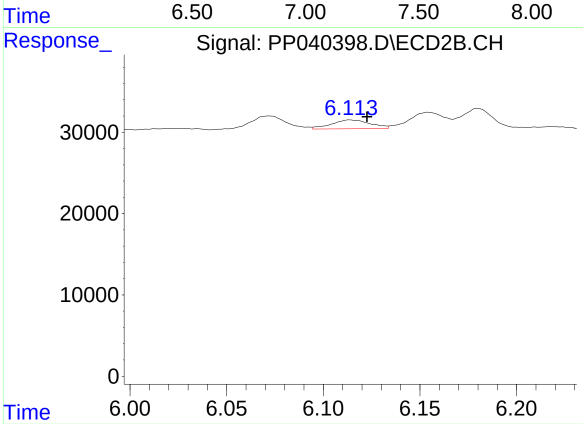
Instrument :
ECD_P
ClientSampleId :



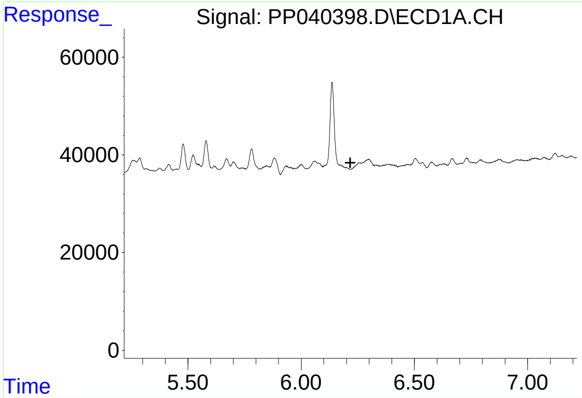

```
#19  AR-1242-4

      R.T.:     5.546 min
Delta R.T.:    -0.010 min
  Response:      13787
      Conc:   37.22 ng/ml
```




```
#20  AR-1242-5

      R.T.:     0.000 min
Exp R.T.  :     7.198 min
  Response:         0
      Conc:    N.D.
```



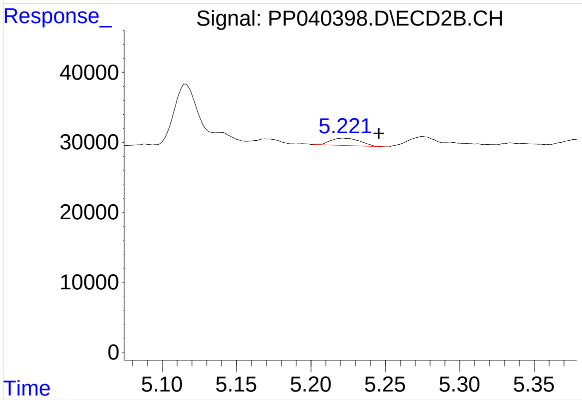

```
#20  AR-1242-5

      R.T.:     6.114 min
Delta R.T.:    -0.009 min
  Response:      15355
      Conc:   32.19 ng/ml
```



#21 AR-1248-1

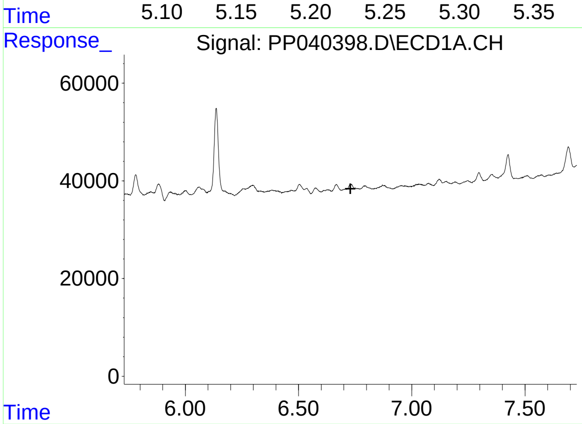
R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



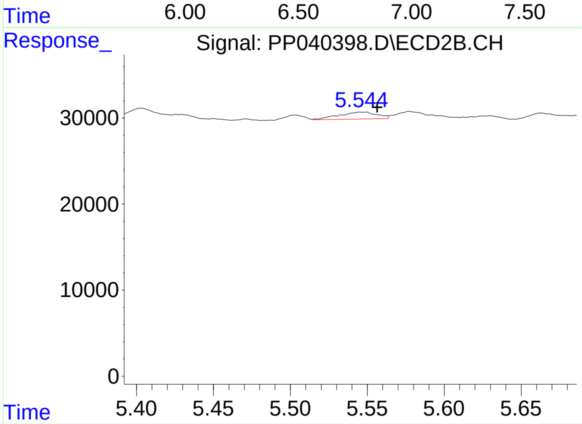
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: -0.024 min
Response: 14356
Conc: 36.82 ng/ml



#23 AR-1248-3

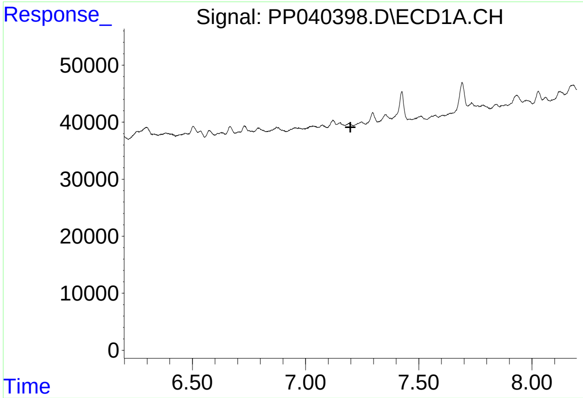
R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



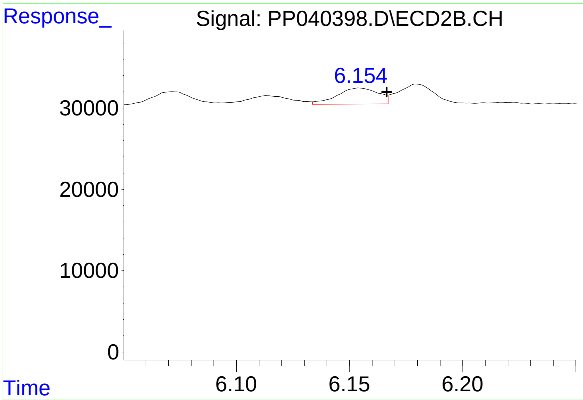
#23 AR-1248-3

R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 13787
Conc: 24.39 ng/ml

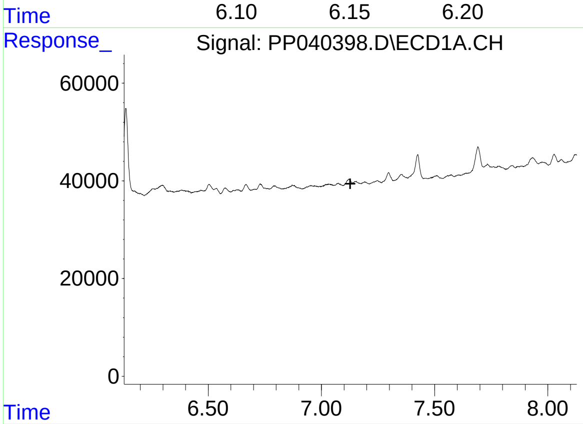
Instrument :
ECD_P
ClientSampleId :



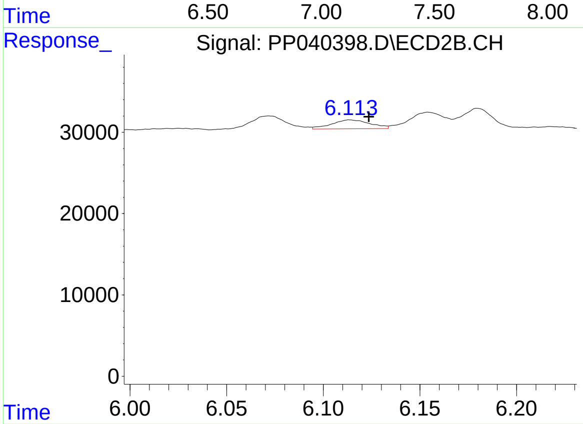

```
#25  AR-1248-5

      R.T.:     0.000 min
Exp R.T.  :     7.198 min
  Response:         0
      Conc:   N.D.
```



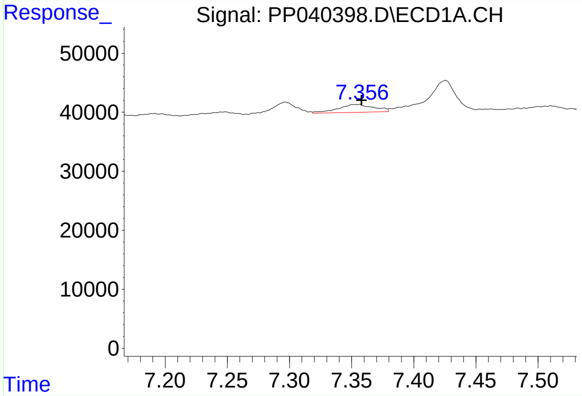

```
#25  AR-1248-5

      R.T.:     6.154 min
Delta R.T.:    -0.012 min
  Response:      25024
      Conc:   40.11 ng/ml
```




```
#26  AR-1254-1

      R.T.:     0.000 min
Exp R.T.  :     7.128 min
  Response:         0
      Conc:   N.D.
```



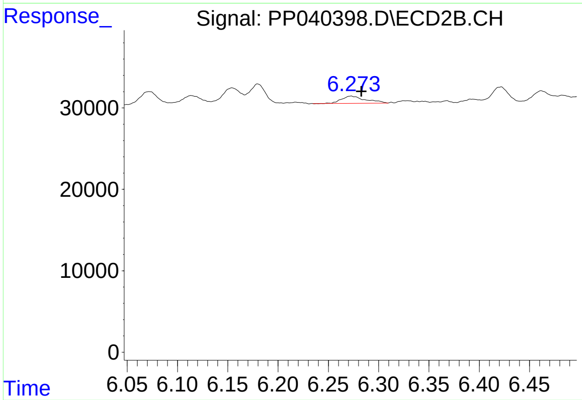

```
#26  AR-1254-1

      R.T.:     6.114 min
Delta R.T.:    -0.010 min
  Response:      15355
      Conc:   16.03 ng/ml
```



#27 AR-1254-2

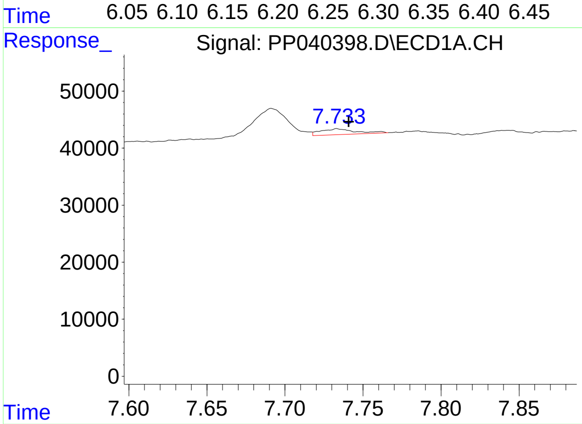
R.T.:	7.353 min
Delta R.T.:	-0.005 min
Response:	26639
Conc:	19.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



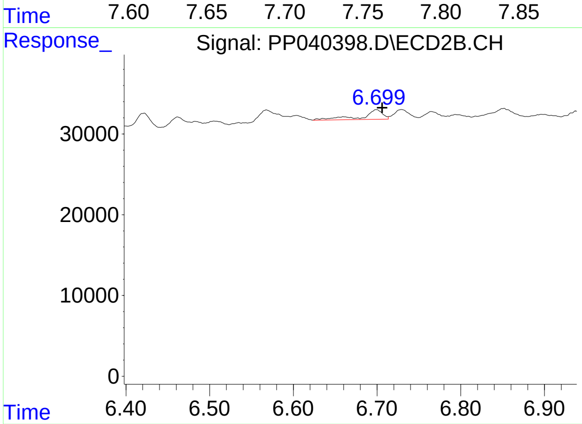
#27 AR-1254-2

R.T.:	6.272 min
Delta R.T.:	-0.010 min
Response:	14836
Conc:	16.81 ng/ml



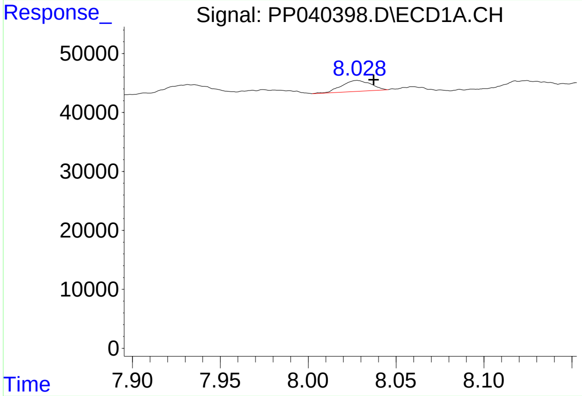
#28 AR-1254-3

R.T.:	7.734 min
Delta R.T.:	-0.007 min
Response:	15906
Conc:	11.16 ng/ml



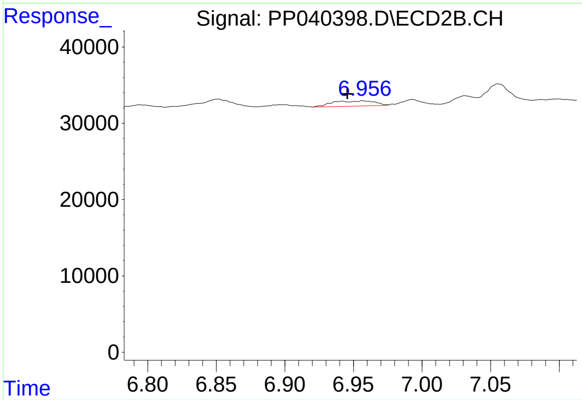
#28 AR-1254-3

R.T.:	6.699 min
Delta R.T.:	-0.007 min
Response:	20685
Conc:	15.17 ng/ml

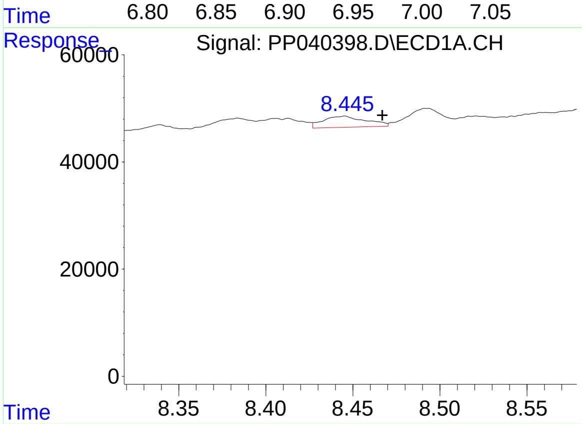



```
#29  AR-1254-4

      R.T.:    8.028 min
Delta R.T.:   -0.009 min
  Response:     21294
      Conc:   20.12 ng/ml
```

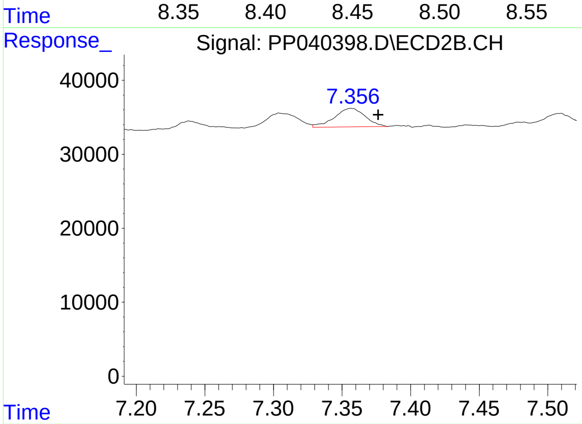
Instrument :
ECD_P
ClientSampleId :



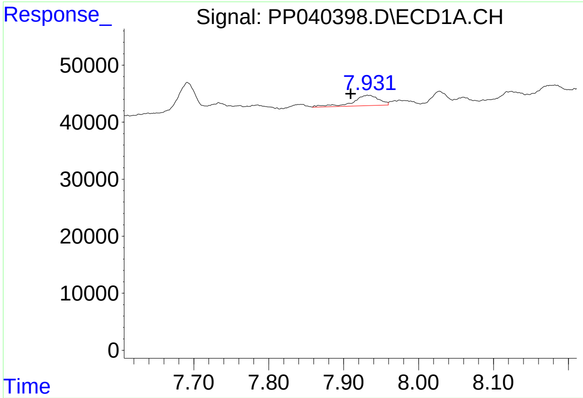

```
#29  AR-1254-4

      R.T.:    6.957 min
Delta R.T.:    0.011 min
  Response:     14763
      Conc:   17.21 ng/ml
```




```
#30  AR-1254-5

      R.T.:    8.445 min
Delta R.T.:   -0.022 min
  Response:     35906
      Conc:   30.72 ng/ml
```



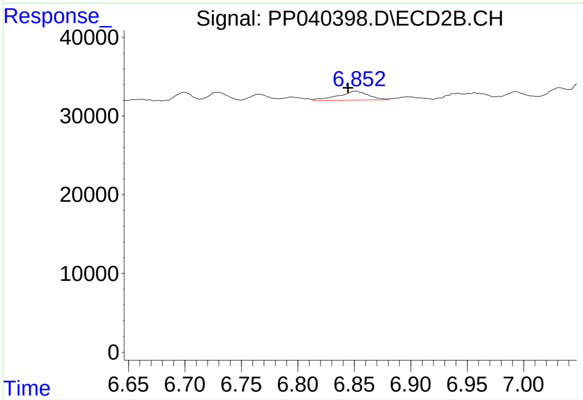

```
#30  AR-1254-5

      R.T.:    7.357 min
Delta R.T.:   -0.020 min
  Response:     39150
      Conc:   30.33 ng/ml
```



#31 AR-1260-1

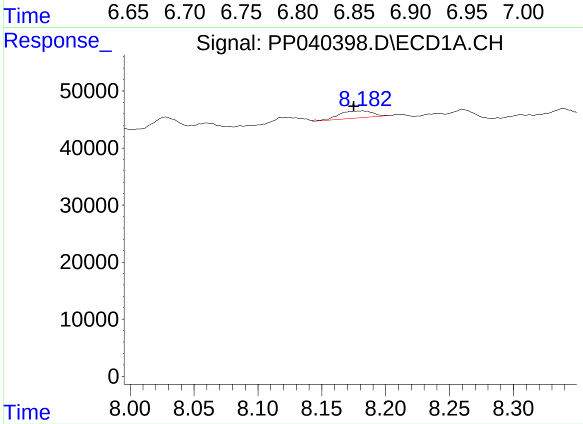
R.T.: 7.932 min
Delta R.T.: 0.023 min
Response: 43661
Conc: 39.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



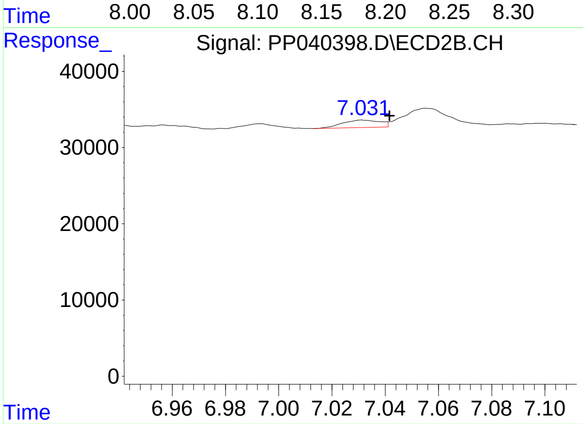
#31 AR-1260-1

R.T.: 6.851 min
Delta R.T.: 0.007 min
Response: 21102
Conc: 21.07 ng/ml



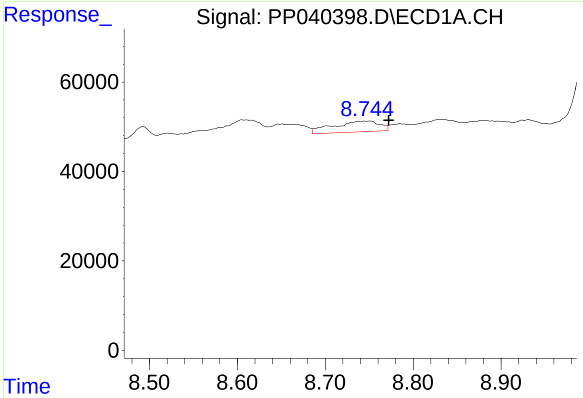
#32 AR-1260-2

R.T.: 8.182 min
Delta R.T.: 0.007 min
Response: 22436
Conc: 16.42 ng/ml



#32 AR-1260-2

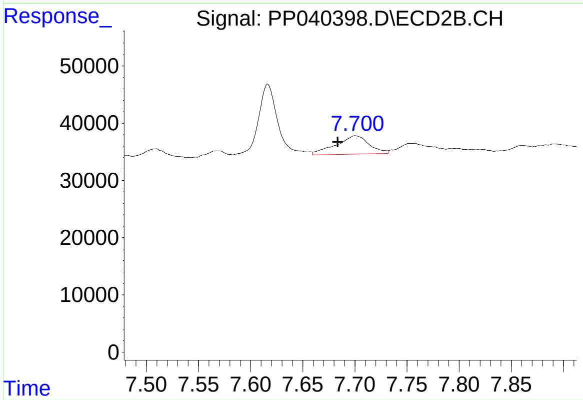
R.T.: 7.032 min
Delta R.T.: -0.010 min
Response: 9561
Conc: 8.07 ng/ml



#34 AR-1260-4

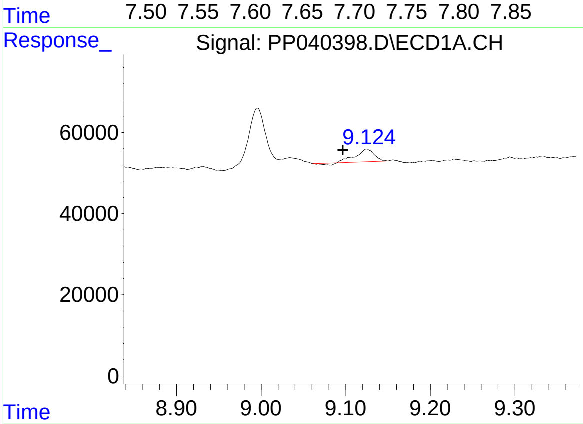
R.T.: 8.751 min
Delta R.T.: -0.021 min
Response: 90005
Conc: 85.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



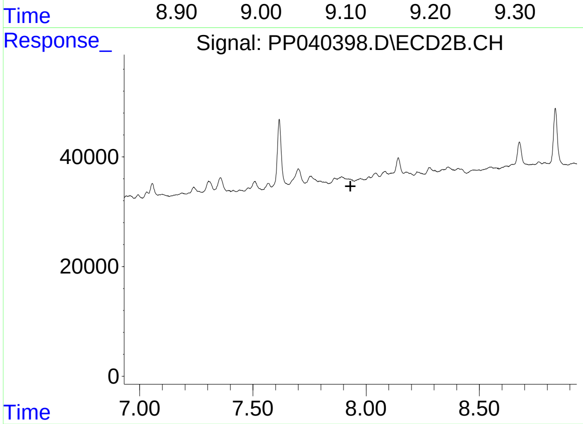
#34 AR-1260-4

R.T.: 7.701 min
Delta R.T.: 0.017 min
Response: 71702
Conc: 81.58 ng/ml



#35 AR-1260-5

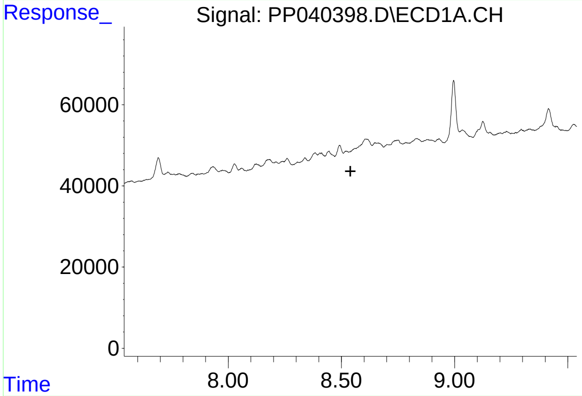
R.T.: 9.125 min
Delta R.T.: 0.028 min
Response: 45316
Conc: 21.88 ng/ml



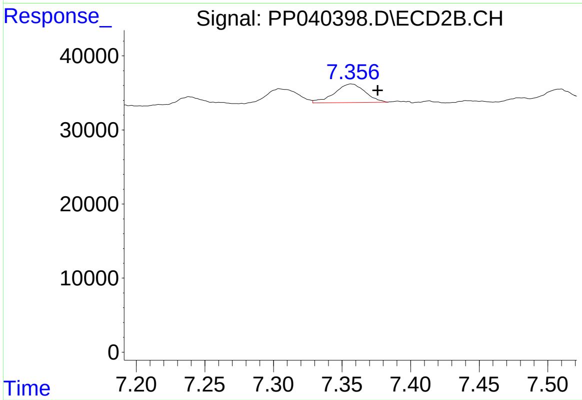
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.931 min
Response: 0
Conc: N.D.

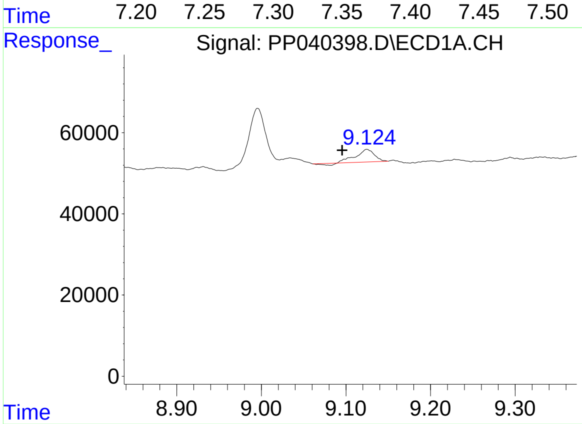
Instrument :
ECD_P
ClientSampleId :



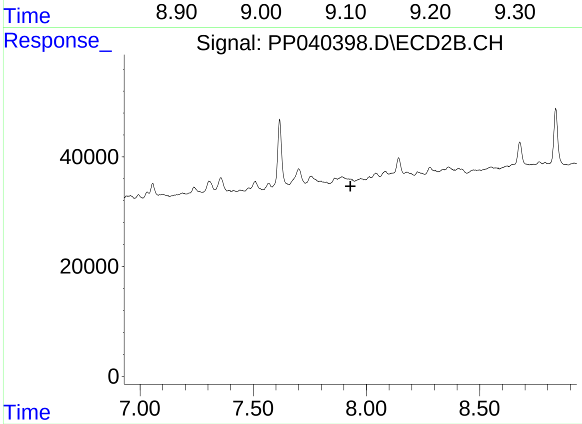

```
#36  AR-1262-1

      R.T.:     0.000 min
Exp R.T.  :     8.540 min
  Response:         0
      Conc:    N.D.
```



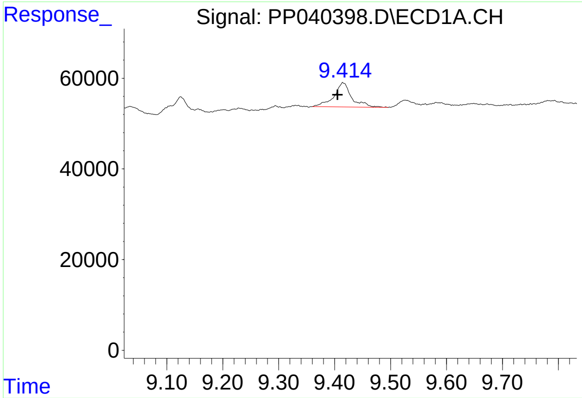

```
#36  AR-1262-1

      R.T.:     7.357 min
Delta R.T.:    -0.019 min
  Response:     39150
      Conc:   55.73 ng/ml
```




```
#37  AR-1262-2

      R.T.:     9.125 min
Delta R.T.:     0.029 min
  Response:     45316
      Conc:   18.27 ng/ml
```

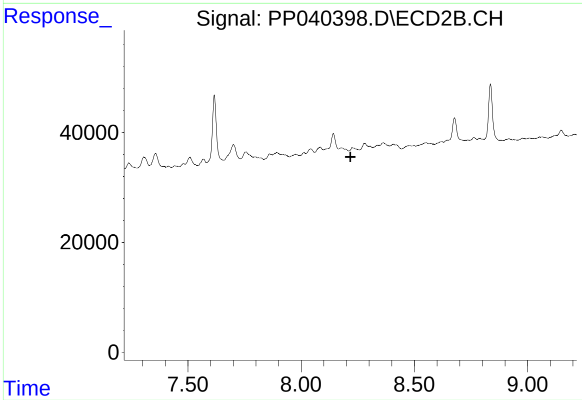



```
#37  AR-1262-2

      R.T.:     0.000 min
Exp R.T.  :     7.929 min
  Response:         0
      Conc:    N.D.
```

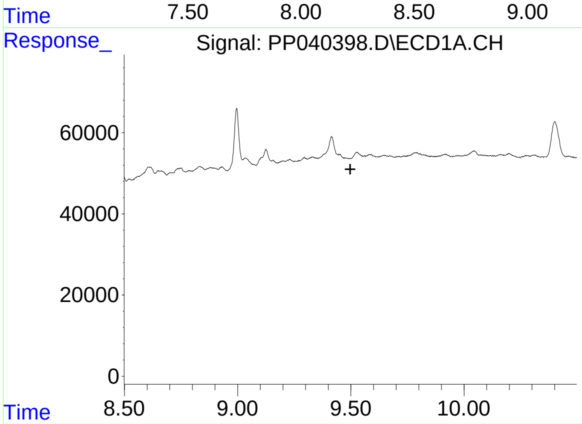



```
#38  AR-1262-3

      R.T.:    9.415 min
Delta R.T.:    0.010 min
  Response:    117189
      Conc: 101.90 ng/ml
```

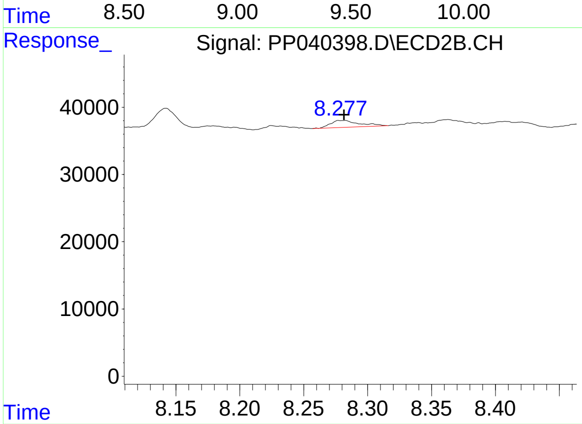
Instrument :
ECD_P
ClientSampleId :



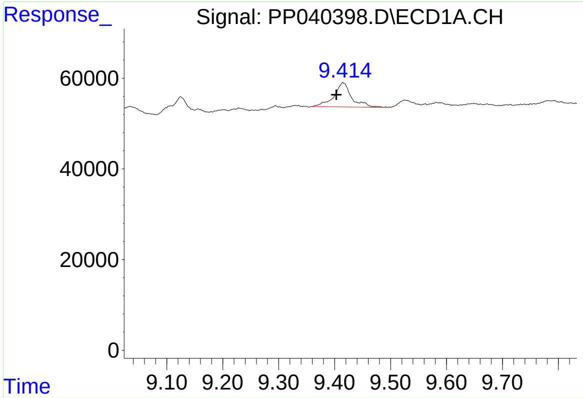

```
#38  AR-1262-3

      R.T.:    0.000 min
Exp R.T.  :    8.217 min
  Response:          0
      Conc:   N.D.
```




```
#39  AR-1262-4

      R.T.:    0.000 min
Exp R.T.  :    9.498 min
  Response:          0
      Conc:   N.D.
```



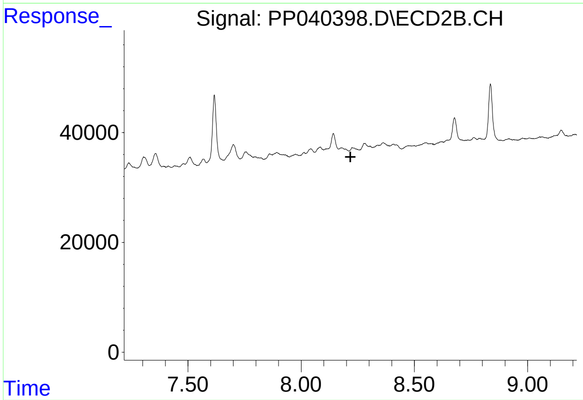

```
#39  AR-1262-4

      R.T.:    8.282 min
Delta R.T.:    0.000 min
  Response:     16073
      Conc:   9.07 ng/ml
```



#41 AR-1268-1

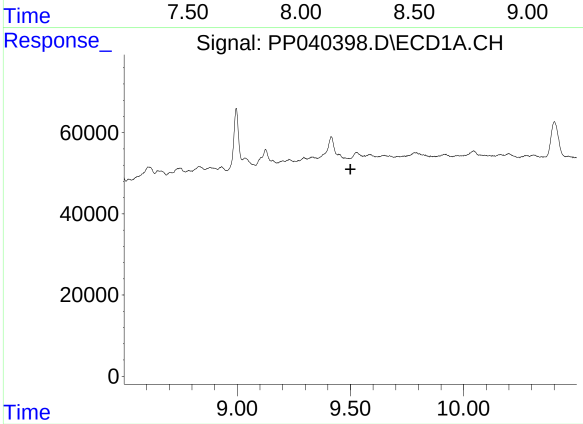
R.T.: 9.415 min
Delta R.T.: 0.012 min
Response: 117189
Conc: 39.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



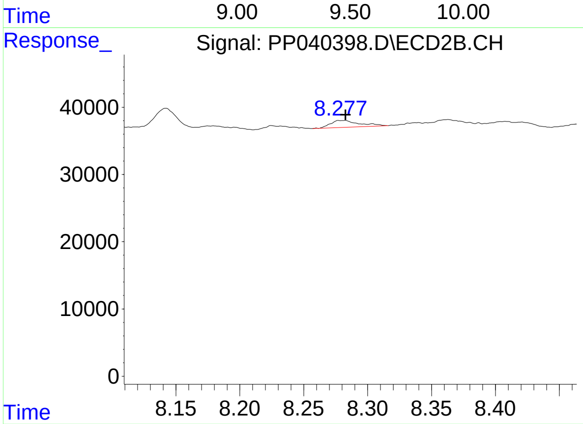
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.217 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.500 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 16073
Conc: 6.42 ng/ml