Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072821\
Data File : PL068515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2021 09:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 02:15:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.644	5.572	9411327	19771840	21.928	19.376	
28)	SA Decachlor...	10.421	11.499	11947722	18109324	21.243	20.302	
	Target Compounds							
2)	A alpha-BHC	5.351	6.151	5848776	12109958	9.991	8.907	
3)	MA gamma-BHC...	5.774	6.548	5868534	11632400	10.324	9.016	
4)	MA Heptachlor	0.000	7.182	0	88078	N.D.	0.068	#
6)	B beta-BHC	6.154	6.800	4092125	6116716	13.984	8.658	#
8)	B Heptachlo...	0.000	8.032	0	83462	N.D.	0.074	#
9)	A Endosulfan I	0.000	8.416f	0	46592	N.D.	0.045	#
10)	B gamma-Chl...	0.000	8.285f	0	395032	N.D.	0.351	#
12)	B 4,4'-DDE	0.000	8.573	0	242463	N.D.	0.235	#
13)	MA Dieldrin	0.000	8.731	0	32543	N.D.	0.031	#
14)	MA Endrin	8.071	8.970	25919457	40903736	51.829	45.745	
15)	B Endosulfa...	8.408f	9.218f	371000	546539	0.751	0.603	
16)	A 4,4'-DDD	8.236	9.112	2792572	4744386	6.252	5.572	
17)	MA 4,4'-DDT	8.498	9.431	47577892	77736175	94.854	82.361	
18)	B Endrin al...	8.571	9.338	504885	577231	1.275	0.801	#
20)	A Methoxychlor	9.094	9.916	65337467	98586713	208.874	194.055	
21)	B Endrin ke...	9.319	10.075	2083377	2336793	3.519	2.343	#
25)	Chlordane-3	0.000	8.285f	0	395032	N.D.	2.551	#
26)	Chlordane-4	0.000	8.416f	0	46592	N.D.	0.249	#
27)	Chlordane-5	8.408f	0.000	371000	0	18.434	N.D.	#

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

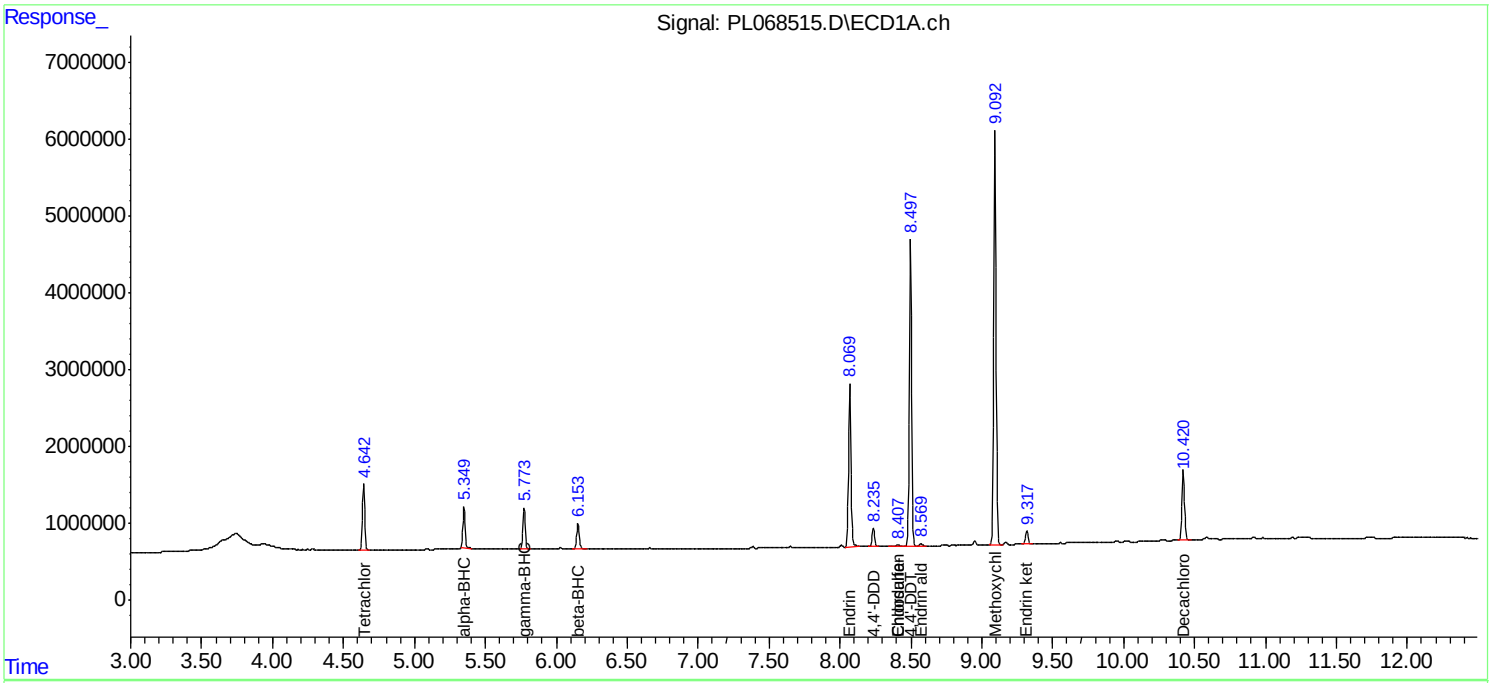
Quantitation Report (Not Reviewed)

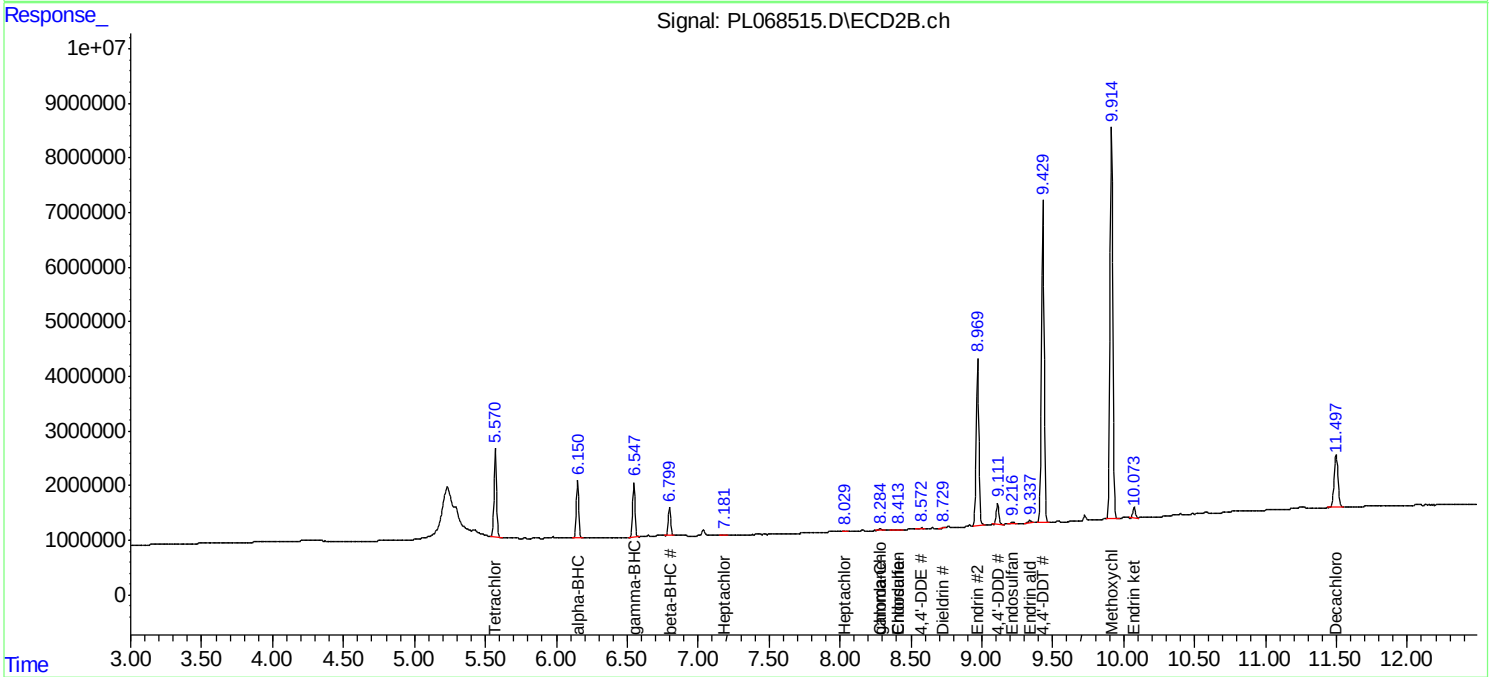
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072821\
Data File : PL068515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2021 09:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

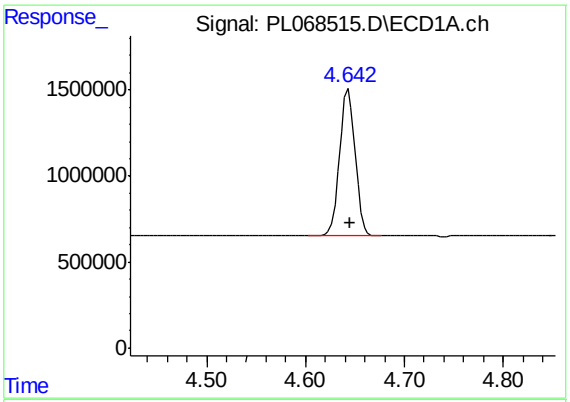
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 02:15:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



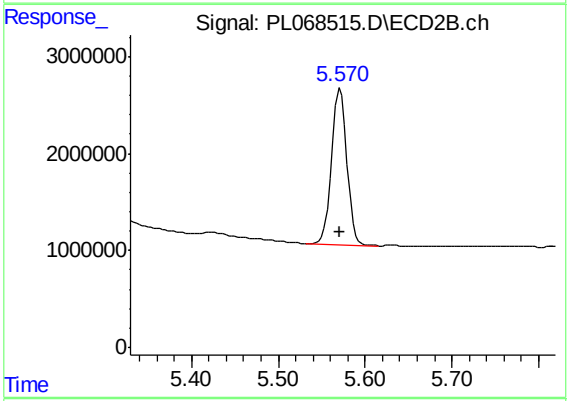




#1 Tetrachloro-m-xylene

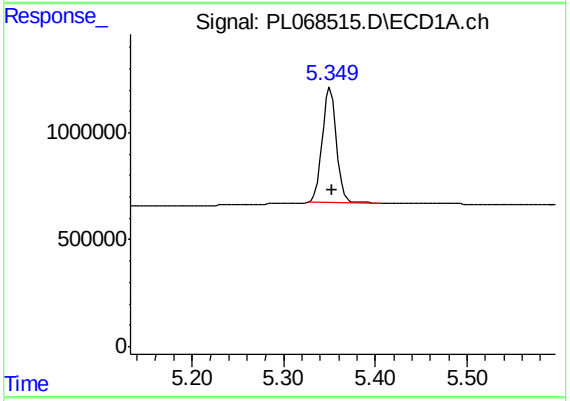
R.T.: 4.644 min
Delta R.T.: -0.001 min
Response: 9411327
Conc: 21.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



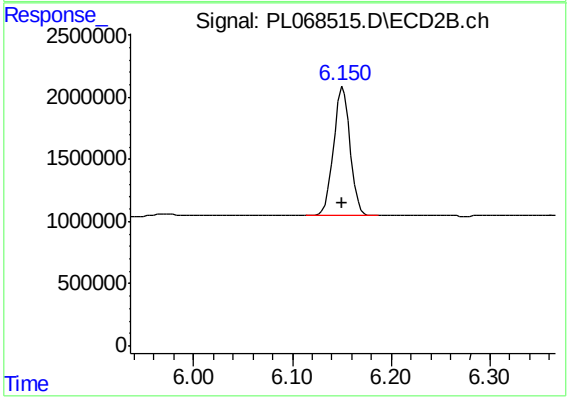
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 19771840
Conc: 19.38 ng/ml



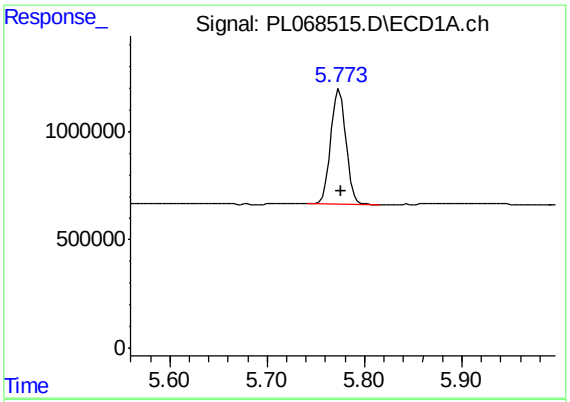
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: -0.002 min
Response: 5848776
Conc: 9.99 ng/ml



#2 alpha-BHC

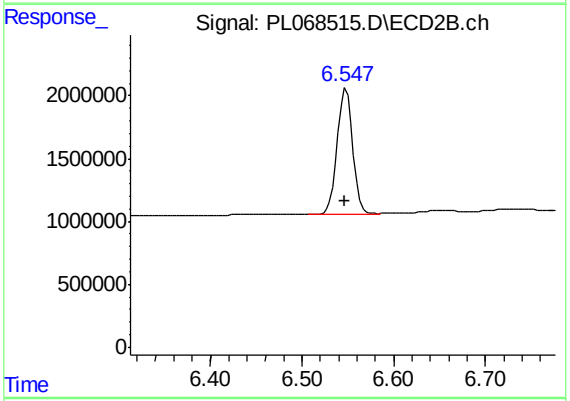
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 12109958
Conc: 8.91 ng/ml



#3 gamma-BHC (Lindane)

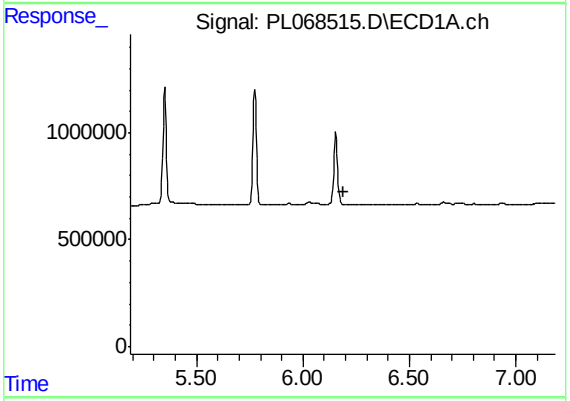
R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 5868534
Conc: 10.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



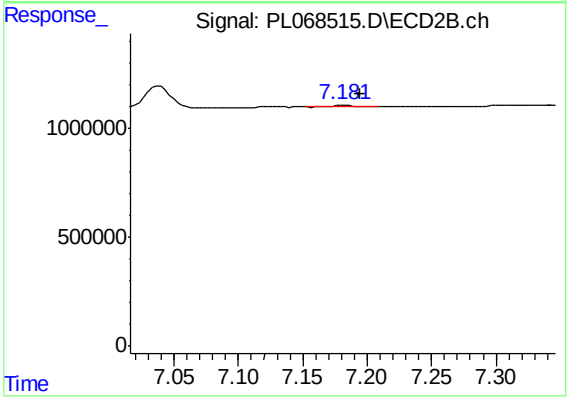
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 11632400
Conc: 9.02 ng/ml



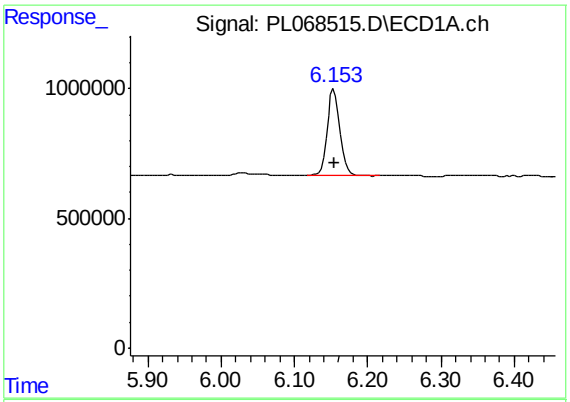
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



#4 Heptachlor

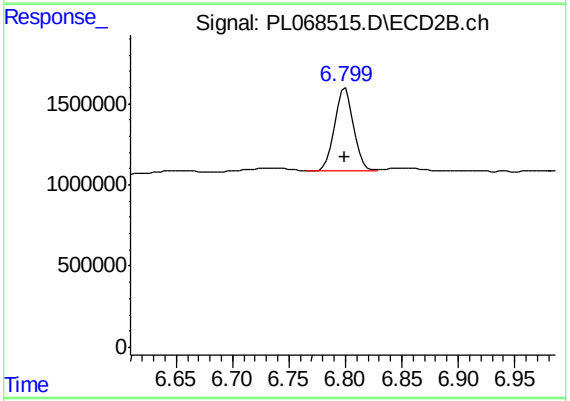
R.T.: 7.182 min
Delta R.T.: -0.013 min
Response: 88078
Conc: 0.07 ng/ml



#6 beta-BHC

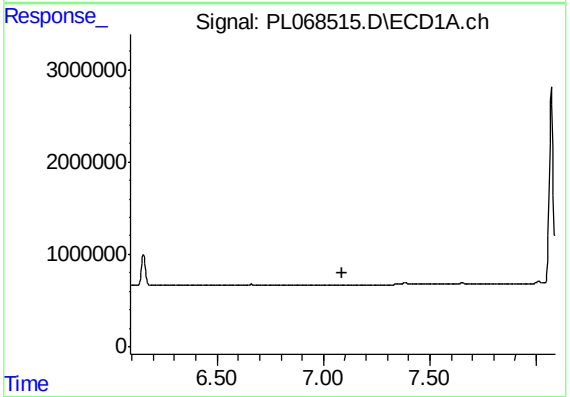
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 4092125
Conc: 13.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



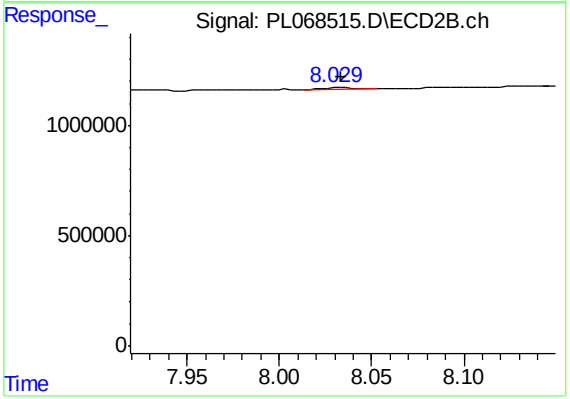
#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 6116716
Conc: 8.66 ng/ml



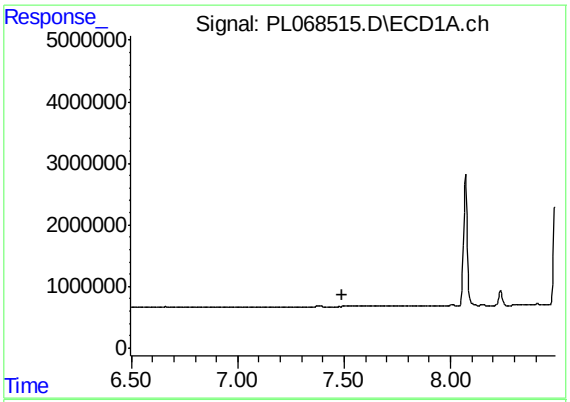
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 7.091 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

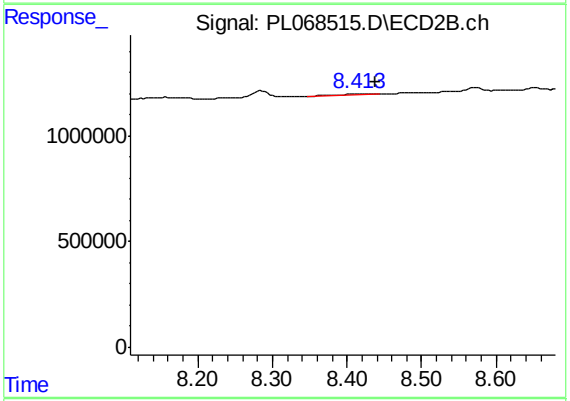
R.T.: 8.032 min
Delta R.T.: -0.001 min
Response: 83462
Conc: 0.07 ng/ml



#9 Endosulfan I

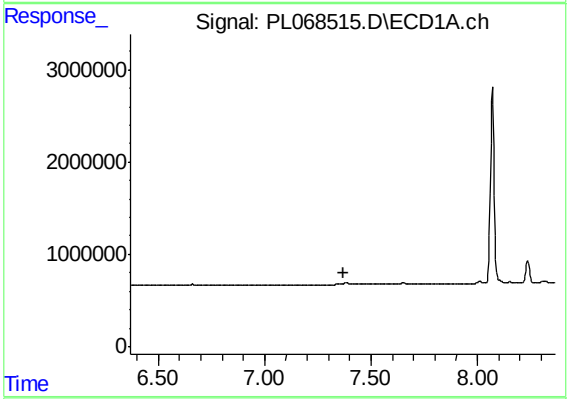
R.T.: 0.000 min
Exp R.T. : 7.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



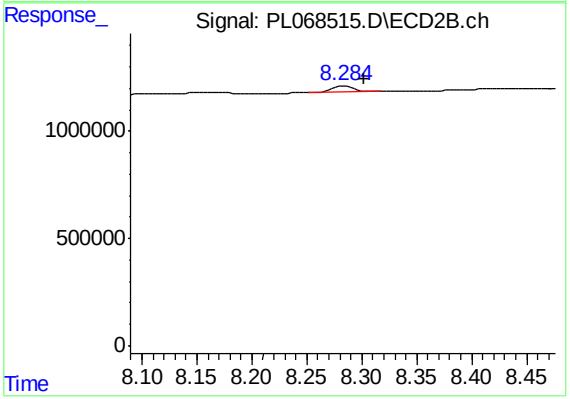
#9 Endosulfan I

R.T.: 8.416 min
Delta R.T.: -0.023 min
Response: 46592
Conc: 0.05 ng/ml



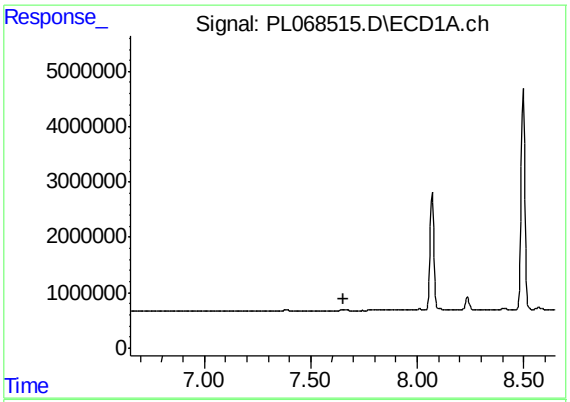
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 7.369 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

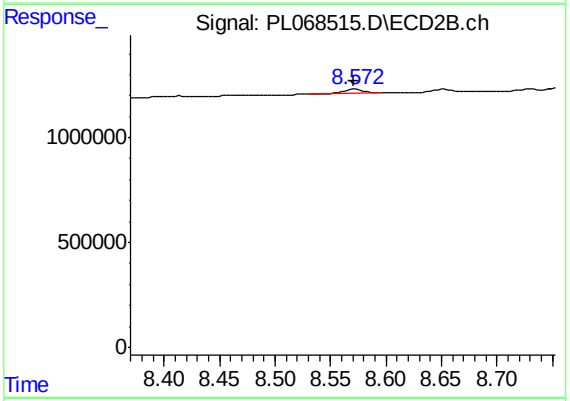
R.T.: 8.285 min
Delta R.T.: -0.017 min
Response: 395032
Conc: 0.35 ng/ml



#12 4,4'-DDE

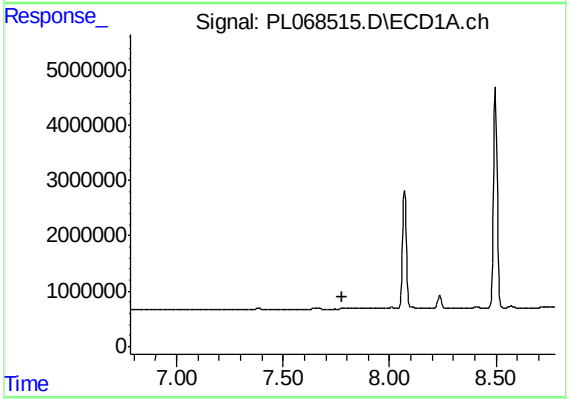
R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



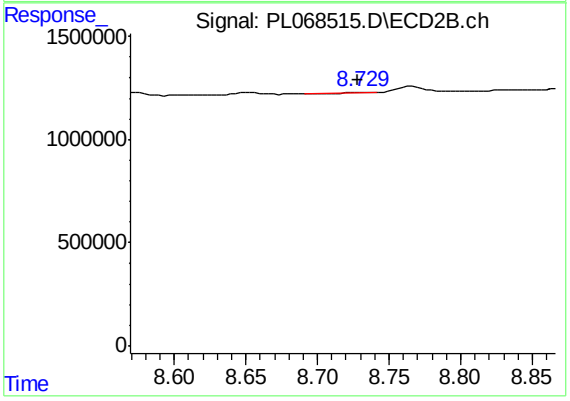
#12 4,4'-DDE

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 242463
Conc: 0.24 ng/ml



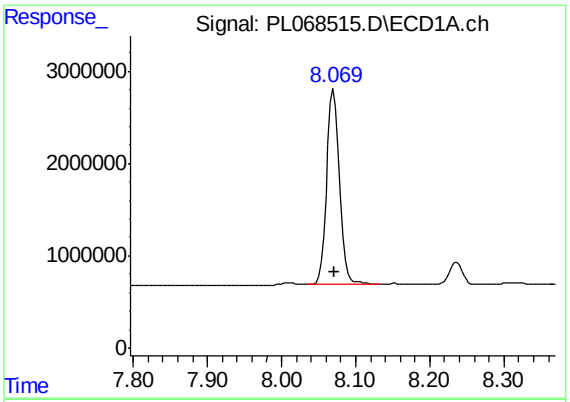
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



#13 Dieldrin

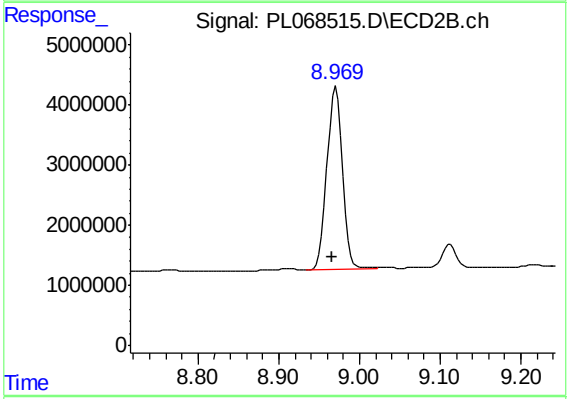
R.T.: 8.731 min
Delta R.T.: 0.003 min
Response: 32543
Conc: 0.03 ng/ml



#14 Endrin

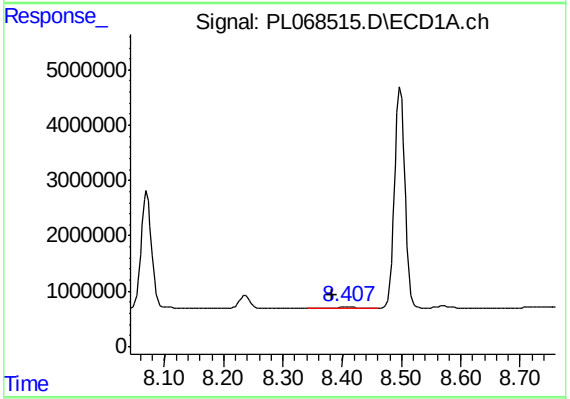
R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 25919457
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



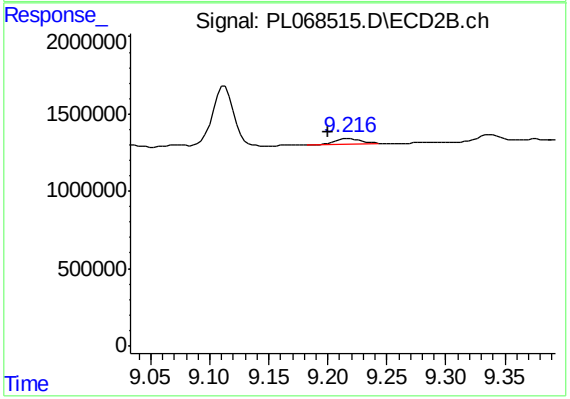
#14 Endrin

R.T.: 8.970 min
Delta R.T.: 0.004 min
Response: 40903736
Conc: 45.74 ng/ml



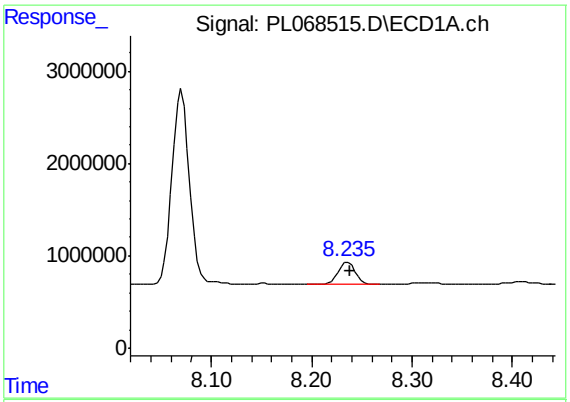
#15 Endosulfan II

R.T.: 8.408 min
Delta R.T.: 0.026 min
Response: 371000
Conc: 0.75 ng/ml



#15 Endosulfan II

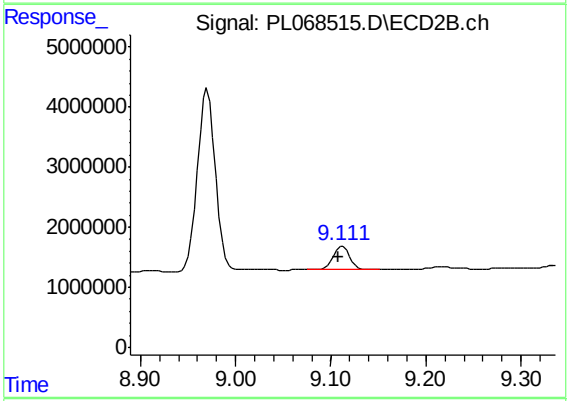
R.T.: 9.218 min
Delta R.T.: 0.017 min
Response: 546539
Conc: 0.60 ng/ml



#16 4,4'-DDD

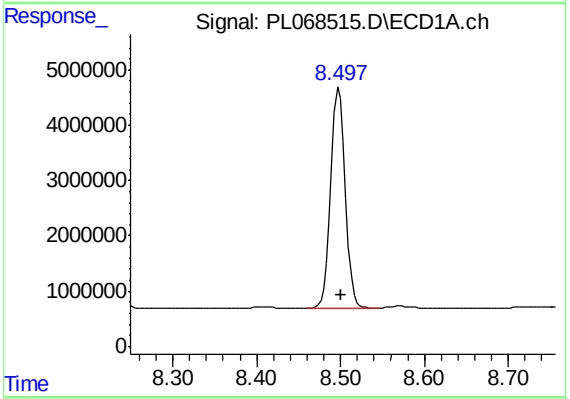
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2792572
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



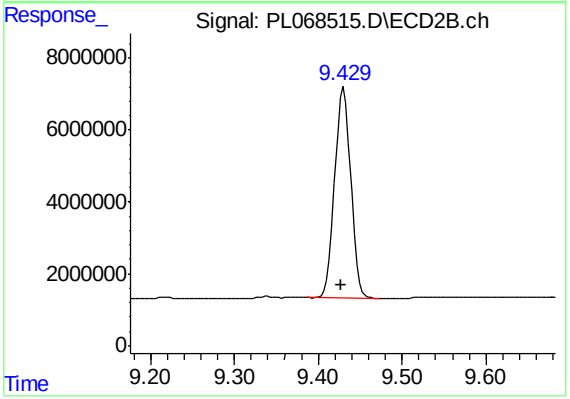
#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 4744386
Conc: 5.57 ng/ml



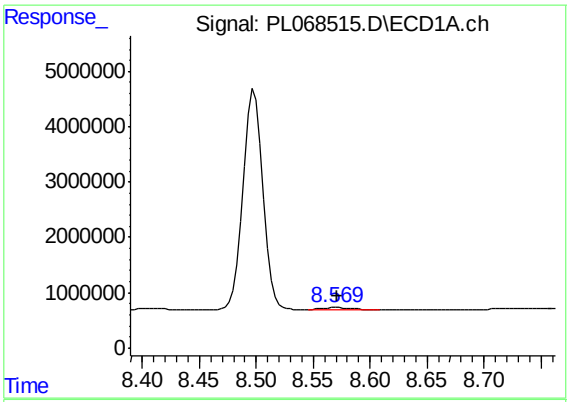
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 47577892
Conc: 94.85 ng/ml



#17 4,4'-DDT

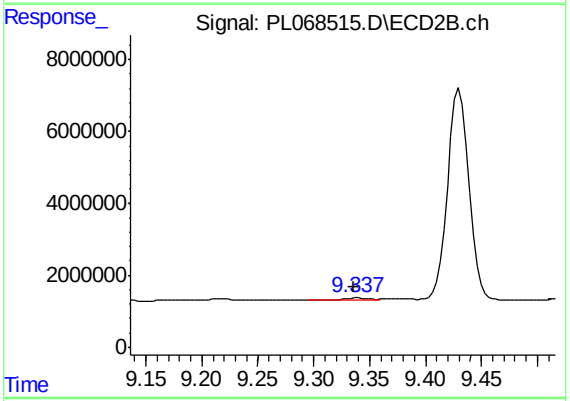
R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 77736175
Conc: 82.36 ng/ml



#18 Endrin aldehyde

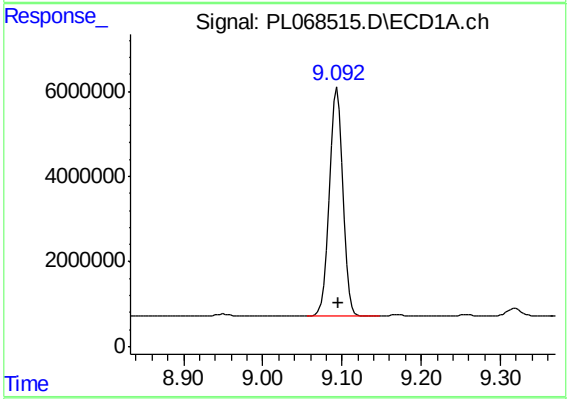
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 504885
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



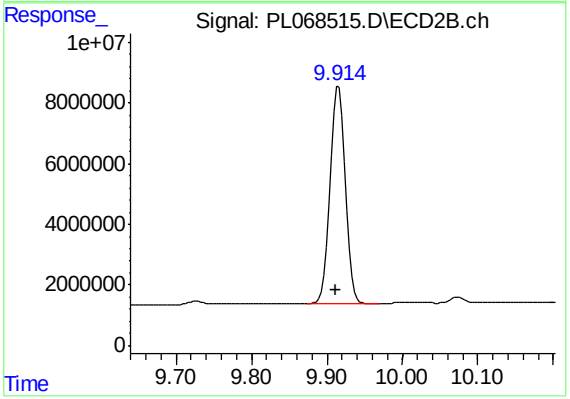
#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.003 min
Response: 577231
Conc: 0.80 ng/ml



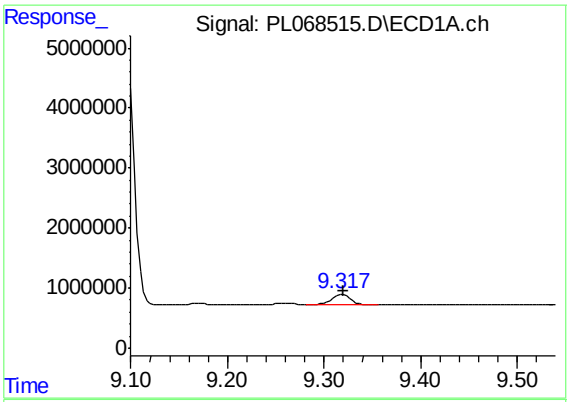
#20 Methoxychlor

R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 65337467
Conc: 208.87 ng/ml



#20 Methoxychlor

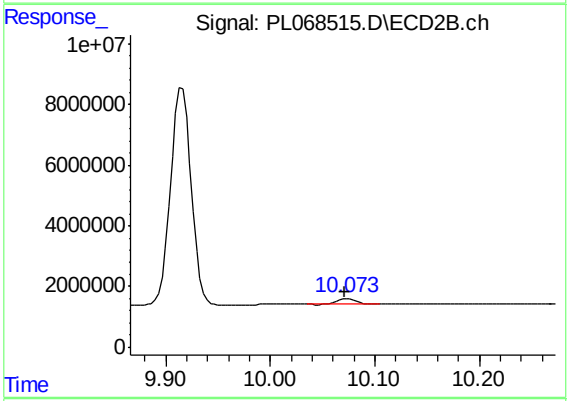
R.T.: 9.916 min
Delta R.T.: 0.003 min
Response: 98586713
Conc: 194.05 ng/ml



#21 Endrin ketone

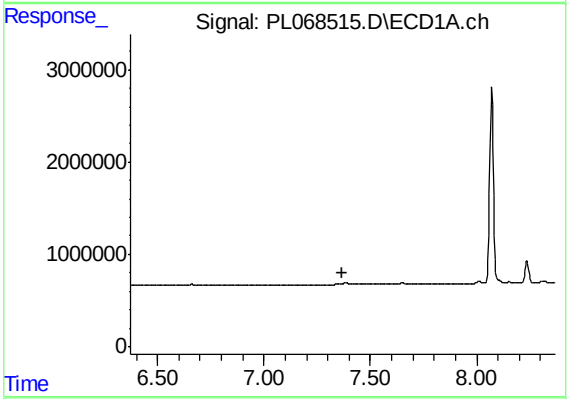
R.T.: 9.319 min
Delta R.T.: -0.002 min
Response: 2083377
Conc: 3.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



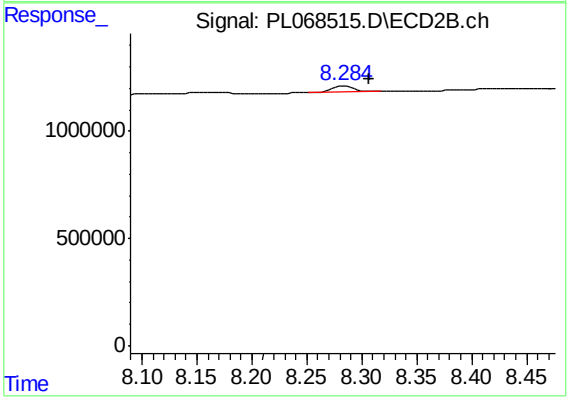
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.004 min
Response: 2336793
Conc: 2.34 ng/ml



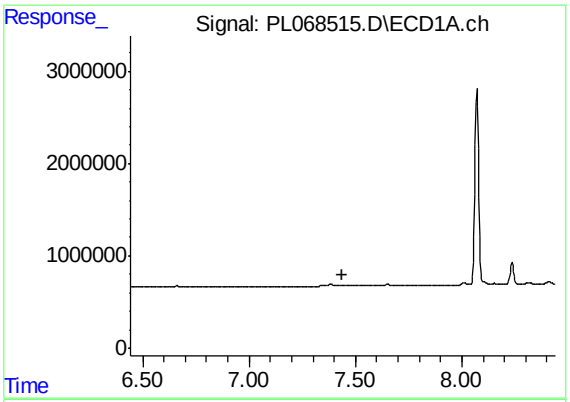
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 7.371 min
Response: 0
Conc: N.D.



#25 Chlordane-3

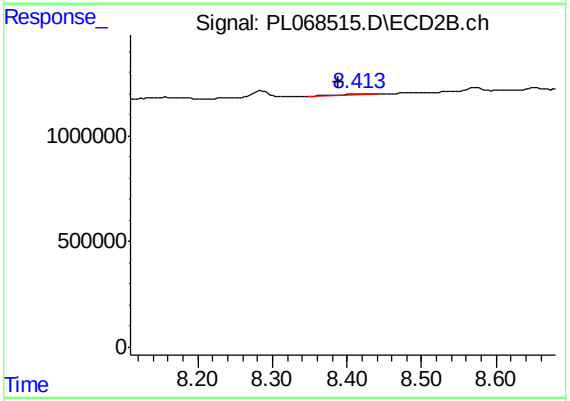
R.T.: 8.285 min
Delta R.T.: -0.021 min
Response: 395032
Conc: 2.55 ng/ml



#26 Chlordane-4

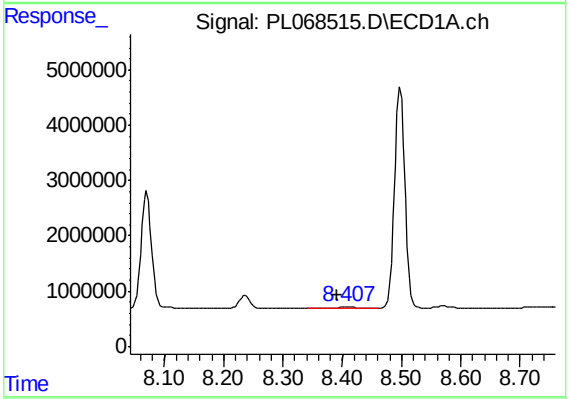
R.T.: 0.000 min
Exp R.T. : 7.440 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



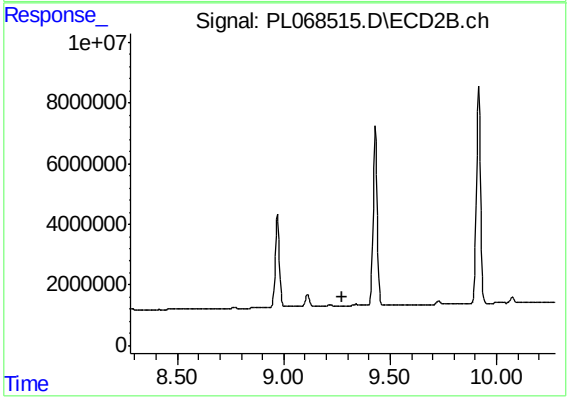
#26 Chlordane-4

R.T.: 8.416 min
Delta R.T.: 0.027 min
Response: 46592
Conc: 0.25 ng/ml



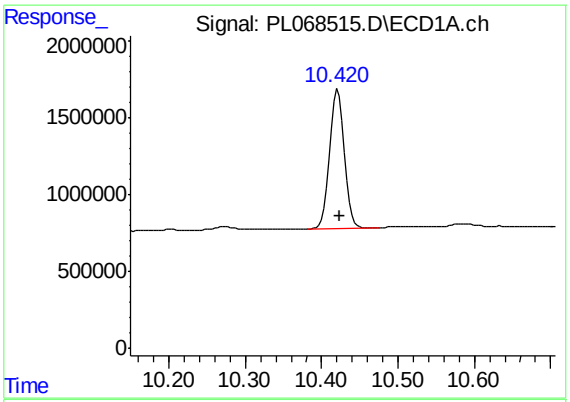
#27 Chlordane-5

R.T.: 8.408 min
Delta R.T.: 0.018 min
Response: 371000
Conc: 18.43 ng/ml



#27 Chlordane-5

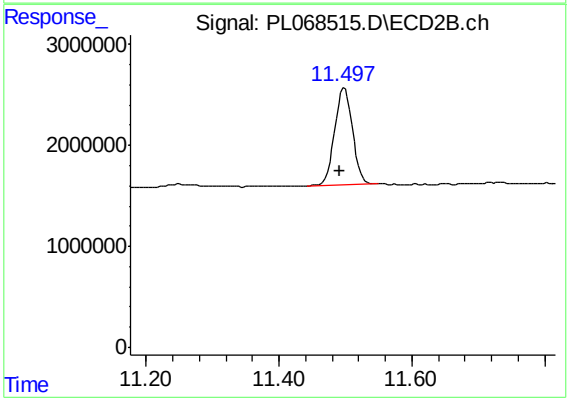
R.T.: 0.000 min
Exp R.T. : 9.277 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.421 min
Delta R.T.: -0.003 min
Response: 11947722
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.006 min
Response: 18109324
Conc: 20.30 ng/ml