

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 12:19
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

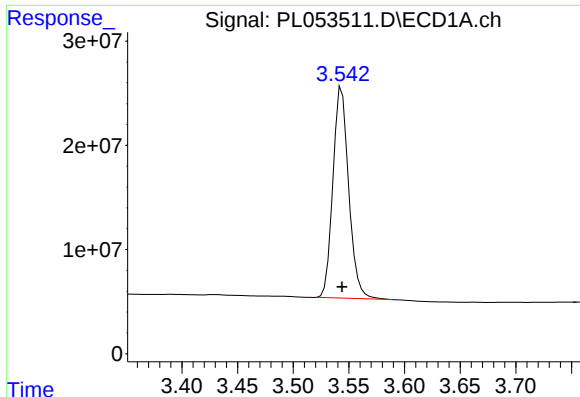
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 00:59:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.544	4.045	199.9E6	47970859	18.443	19.170
28)	SA Decachlor...	8.330	9.122	194.4E6	55584785	19.810	19.739
Target Compounds							
2)	A alpha-BHC	3.987	4.435	18576523	2734525	1.065	0.791 #
3)	MA gamma-BHC...	4.274	4.721	10952807	2040972	0.703	0.634
4)	MA Heptachlor	4.581	5.231	11726034	3201944	0.743	0.994 #
5)	MB Aldrin	4.833	5.536	9984934	2589037	0.698	0.868
6)	B beta-BHC	0.000	4.892	0	1665719	N.D.	1.078 #
7)	B delta-BHC	0.000	5.108	0	2344799	N.D.	0.776 #
8)	B Heptachlo...	5.279	5.923	10322410	3187536	0.765	1.093 #
9)	A Endosulfan I	5.620	6.279	9231920	2489141	0.751	0.918
10)	B gamma-Chl...	5.507	6.157	10890533	2075035	0.798	0.711
11)	B alpha-Chl...	5.566	6.229	10468580	2629209	0.787	0.901
12)	B 4,4'-DDE	0.000	6.384	0	2373772	N.D.	0.843 #
13)	MA Dieldrin	0.000	6.536	0	2355663	N.D.	0.825 #
14)	MA Endrin	0.000	6.754	0	1931718	N.D.	0.796 #
15)	B Endosulfa...	0.000	6.964	0	2902707	N.D.	1.136 #
16)	A 4,4'-DDD	0.000	6.874	0	2303741	N.D.	1.105 #
17)	MA 4,4'-DDT	0.000	7.173	0	2215370	N.D.	0.958 #
18)	B Endrin al...	0.000	7.086	0	2155225	N.D.	0.981 #
19)	B Endosulfa...	0.000	7.309	0	2311227	N.D.	0.942 #
20)	A Methoxychlor	0.000	7.631	0	1158622	N.D.	0.892 #
21)	B Endrin ke...	0.000	7.780	0	2599598	N.D.	1.008 #
22)	Mirex	0.000	8.236	0	2341033	N.D.	1.157 #
24)	Chlordane-2	0.000	5.536f	0	2589037	N.D.	26.359 #
25)	Chlordane-3	5.507	6.157	10890533	2075035	9.448	5.681 #
26)	Chlordane-4	5.566	6.229	10468580	2629209	11.167	5.857 #

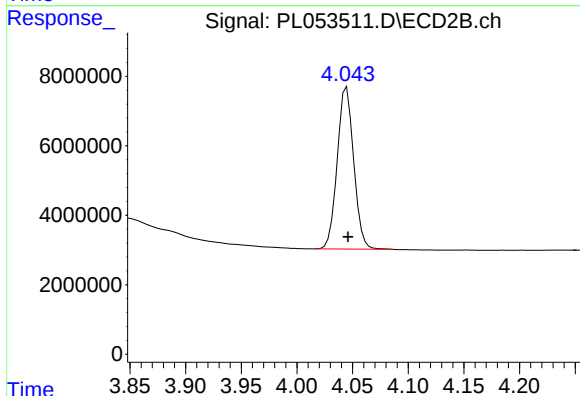
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

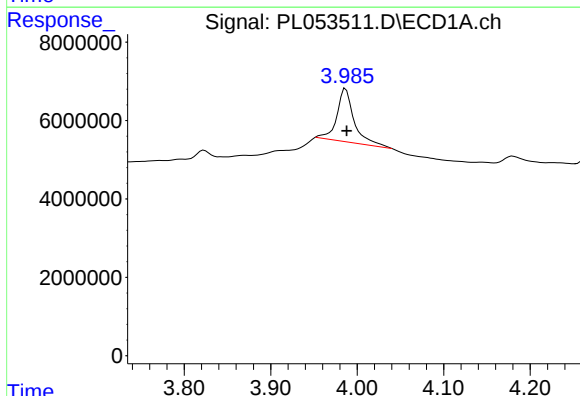
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 199909139
Conc: 18.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



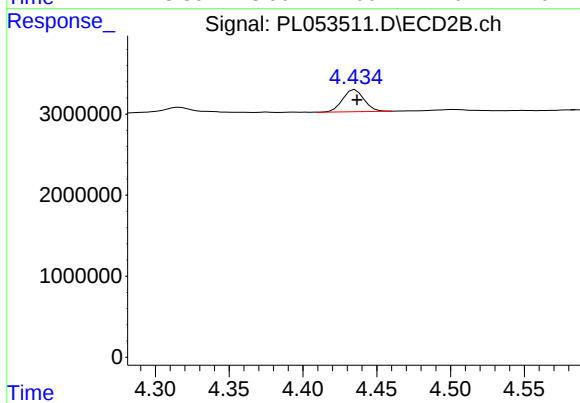
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 47970859
Conc: 19.17 ng/ml



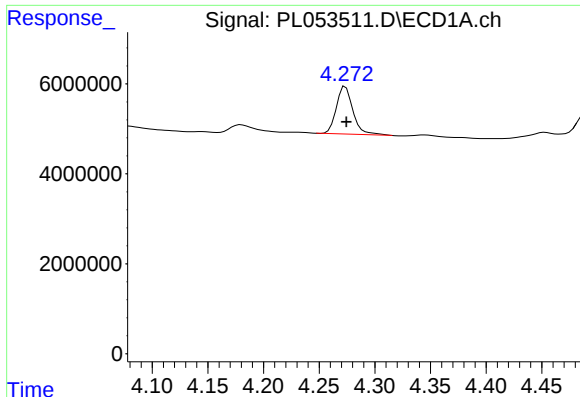
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 18576523
Conc: 1.07 ng/ml



#2 alpha-BHC

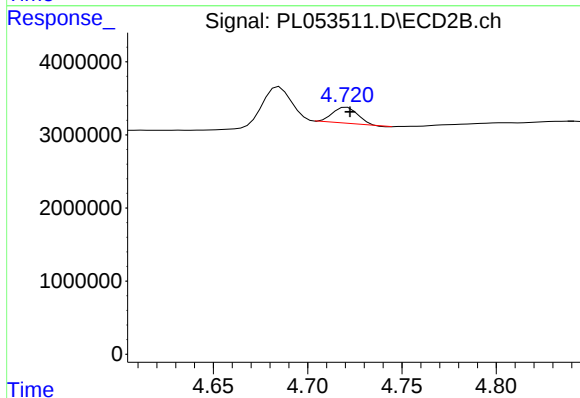
R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 2734525
Conc: 0.79 ng/ml



#3 gamma-BHC (Lindane)

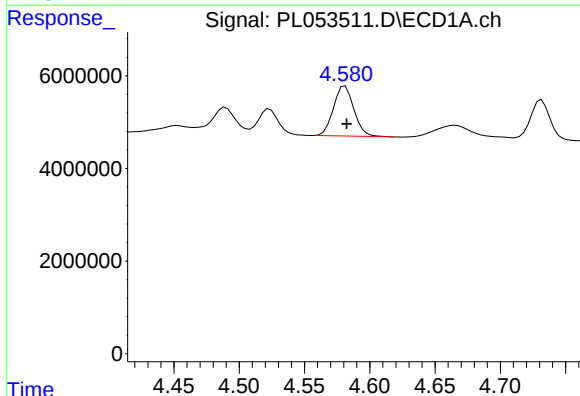
R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 10952807
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



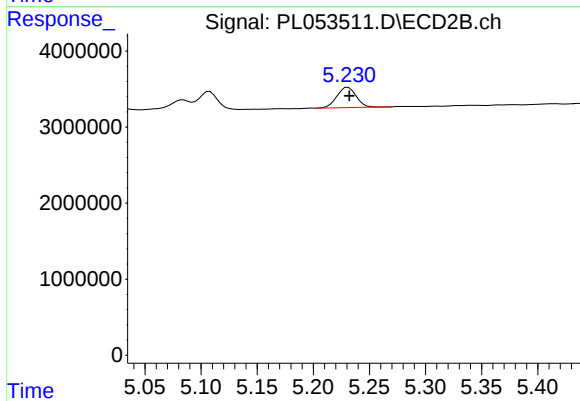
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2040972
Conc: 0.63 ng/ml



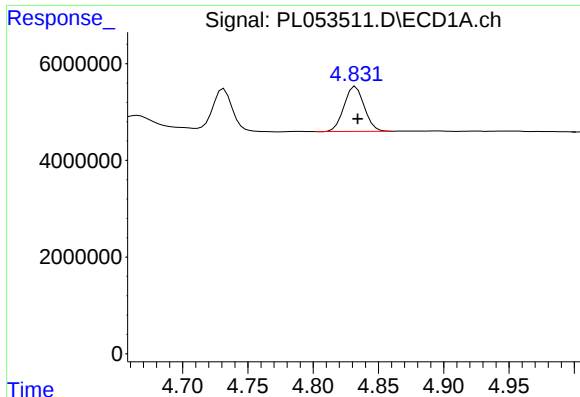
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 11726034
Conc: 0.74 ng/ml



#4 Heptachlor

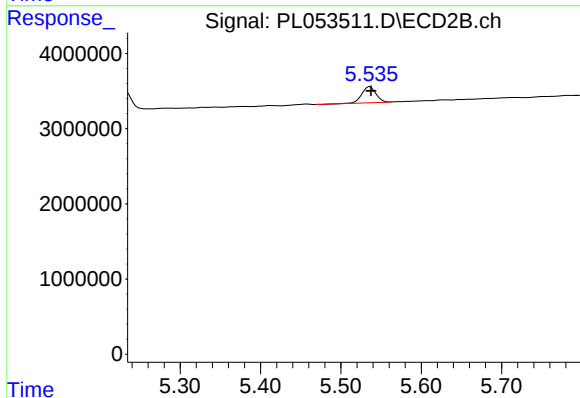
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 3201944
Conc: 0.99 ng/ml



#5 Aldrin

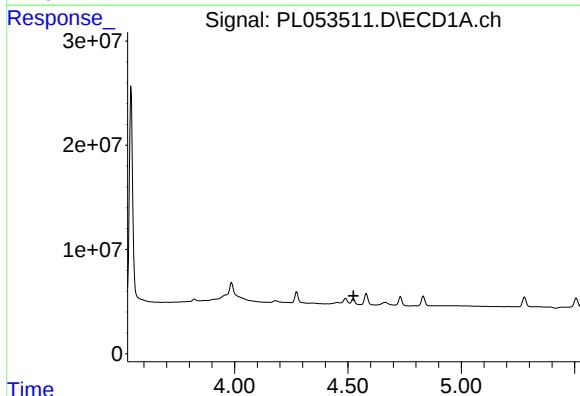
R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 9984934
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



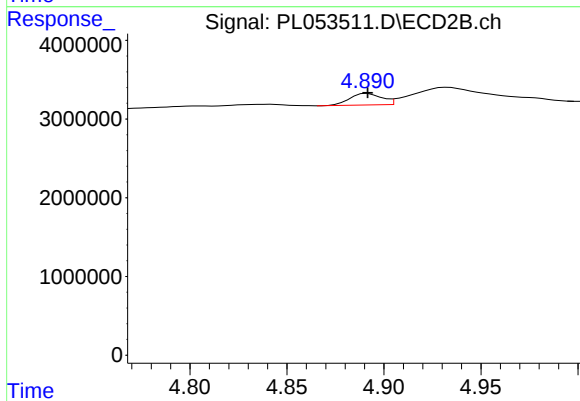
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2589037
Conc: 0.87 ng/ml



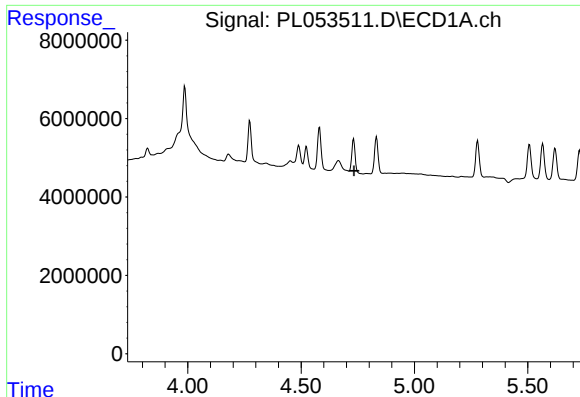
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.525 min
Response: 0
Conc: N.D.



#6 beta-BHC

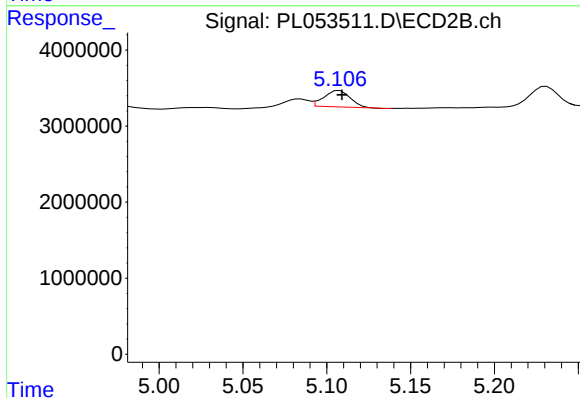
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 1665719
Conc: 1.08 ng/ml



#7 delta-BHC

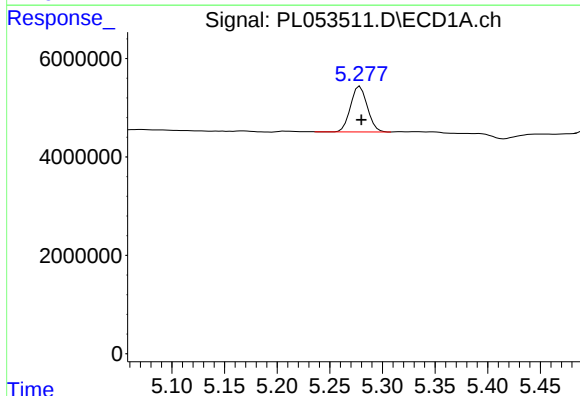
R.T.: 0.000 min
Exp R.T.: 4.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



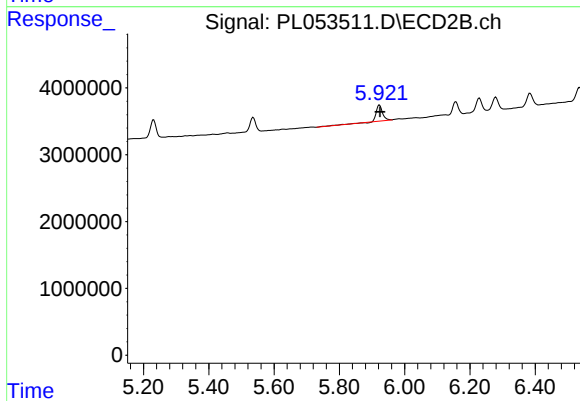
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 2344799
Conc: 0.78 ng/ml



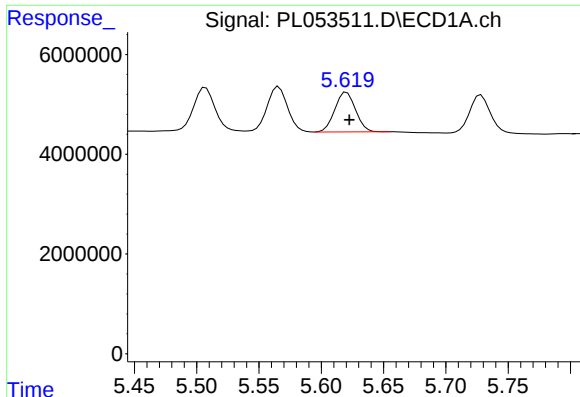
#8 Heptachlor epoxide

R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 10322410
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

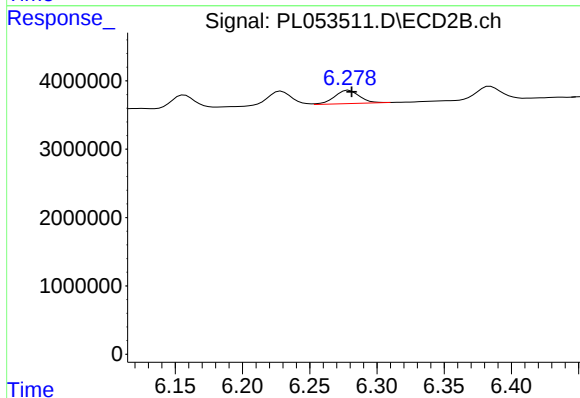
R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 3187536
Conc: 1.09 ng/ml



#9 Endosulfan I

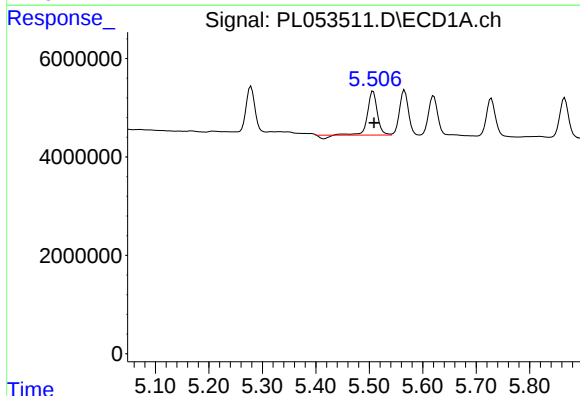
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 9231920
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



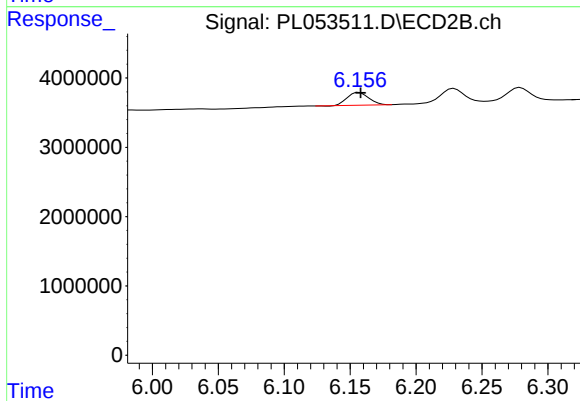
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 2489141
Conc: 0.92 ng/ml



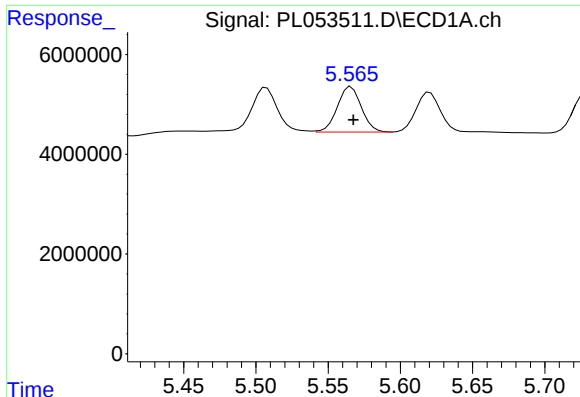
#10 gamma-Chlordane

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 10890533
Conc: 0.80 ng/ml



#10 gamma-Chlordane

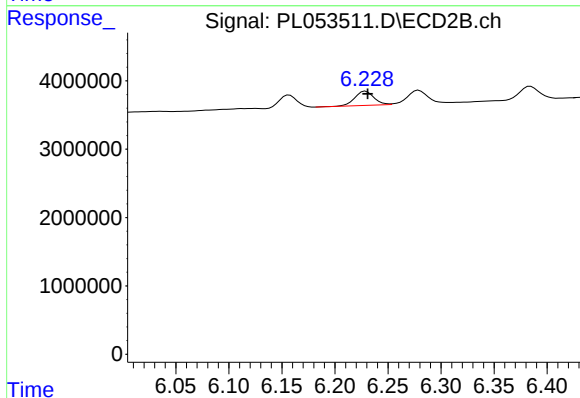
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 2075035
Conc: 0.71 ng/ml



#11 alpha-Chlordane

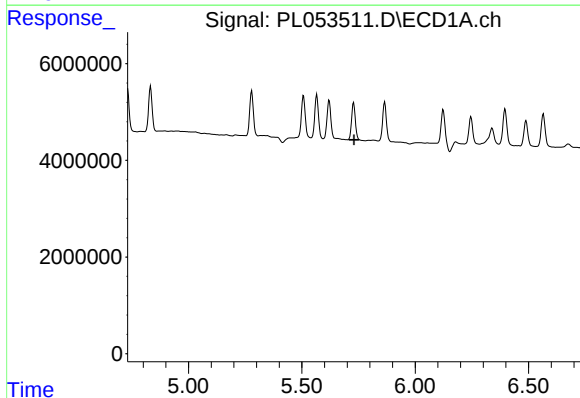
R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 10468580
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



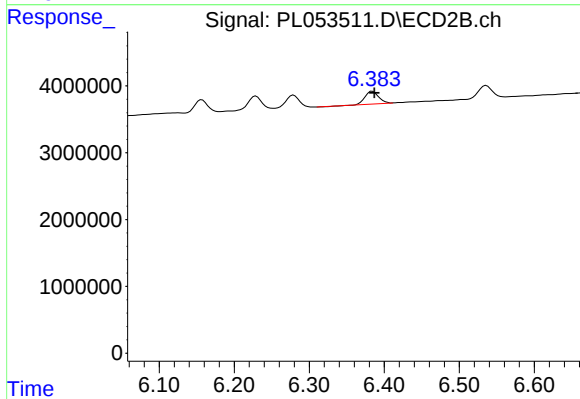
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 2629209
Conc: 0.90 ng/ml



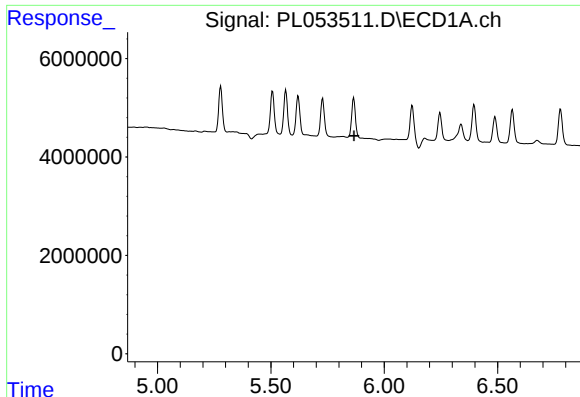
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.731 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

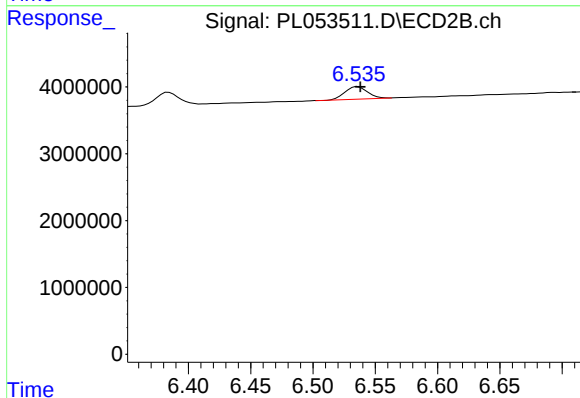
R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 2373772
Conc: 0.84 ng/ml



#13 Dieldrin

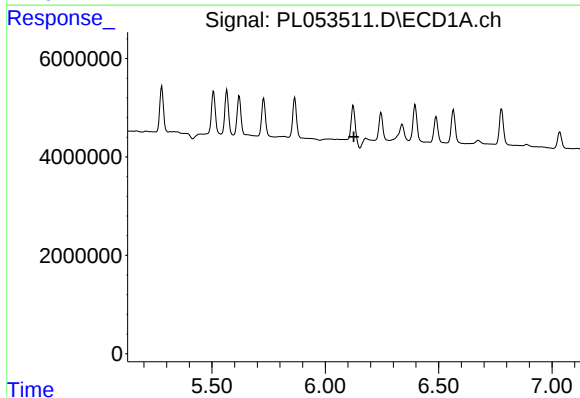
R.T.: 0.000 min
Exp R.T.: 5.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



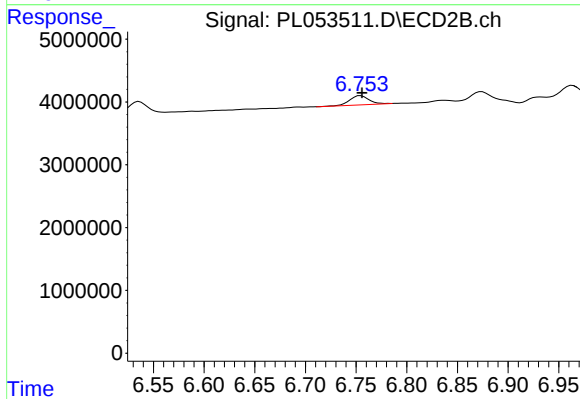
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2355663
Conc: 0.83 ng/ml



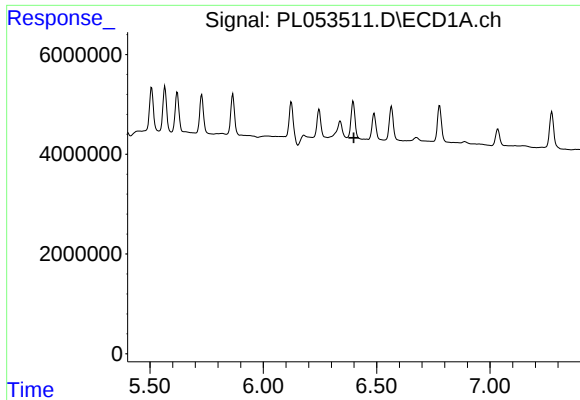
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.126 min
Response: 0
Conc: N.D.



#14 Endrin

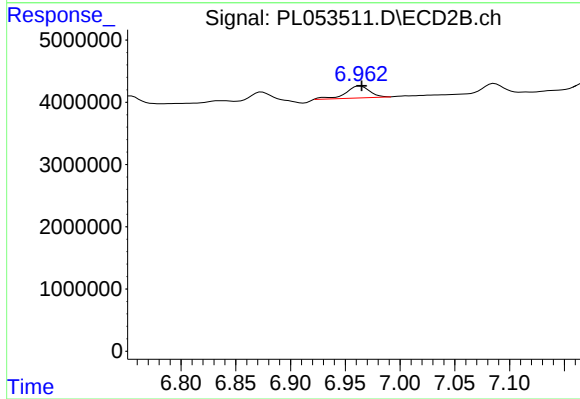
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 1931718
Conc: 0.80 ng/ml



#15 Endosulfan II

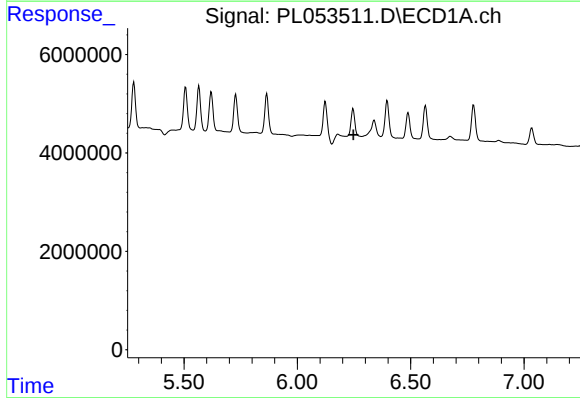
R.T.: 0.000 min
Exp R.T.: 6.399 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



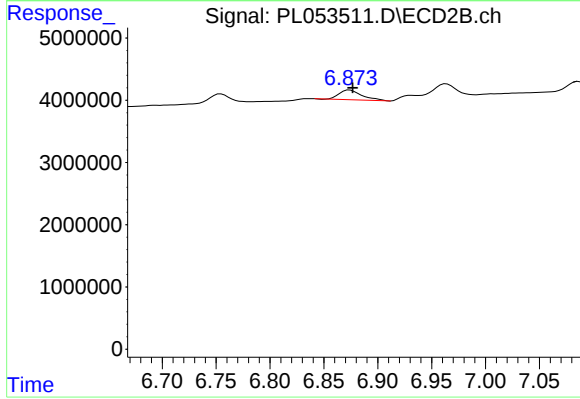
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 2902707
Conc: 1.14 ng/ml



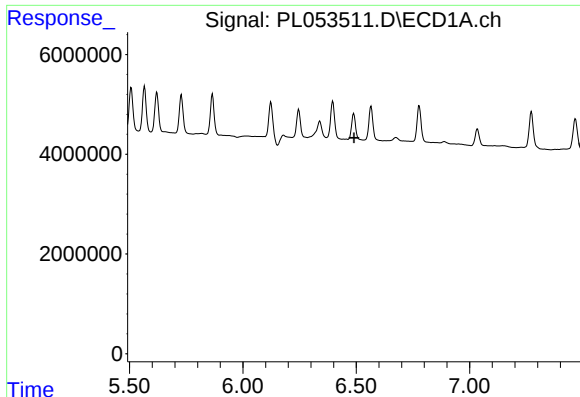
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.248 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

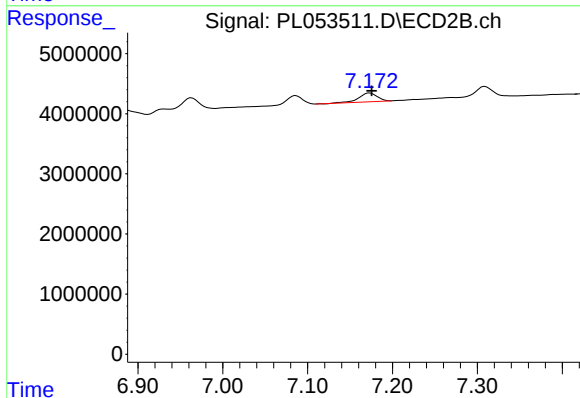
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 2303741
Conc: 1.11 ng/ml



#17 4,4'-DDT

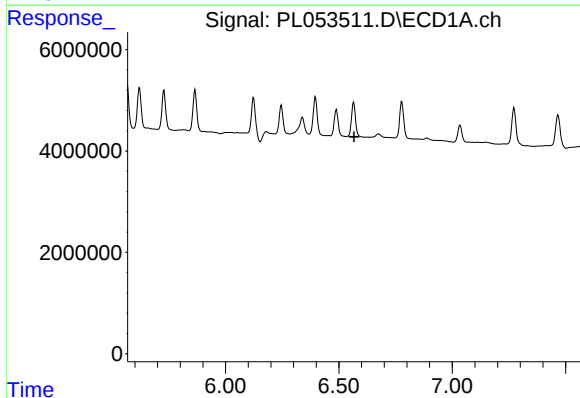
R.T.: 0.000 min
Exp R.T.: 6.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



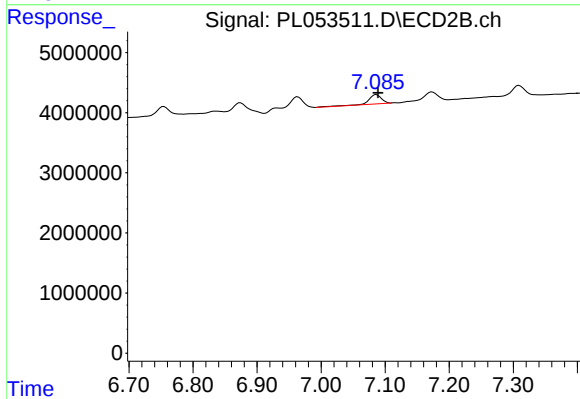
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 2215370
Conc: 0.96 ng/ml



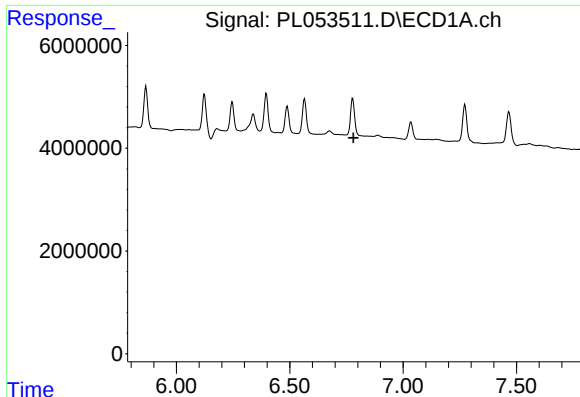
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.567 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

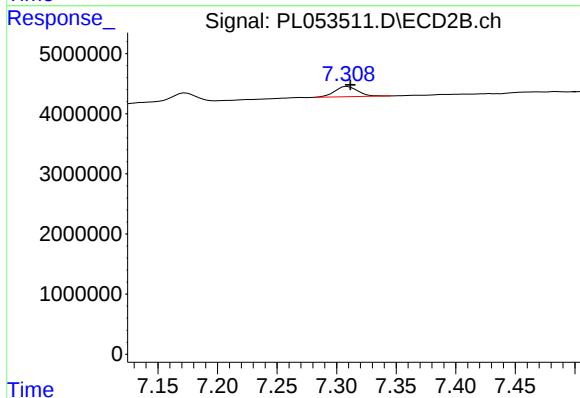
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 2155225
Conc: 0.98 ng/ml



#19 Endosulfan Sulfate

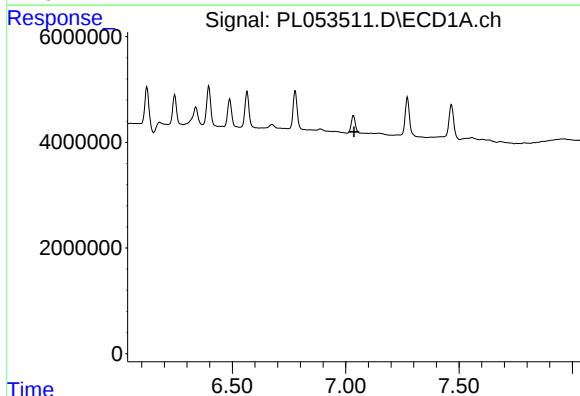
R.T.: 0.000 min
Exp R.T. : 6.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



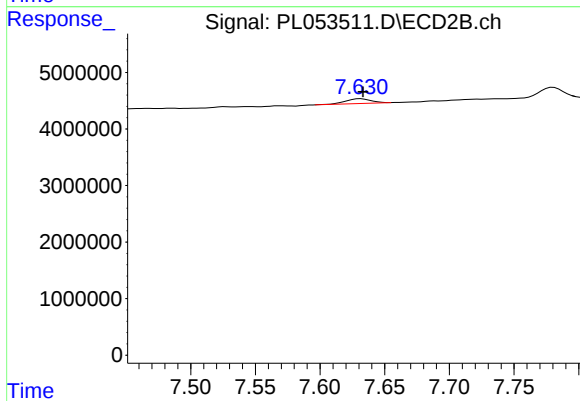
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 2311227
Conc: 0.94 ng/ml



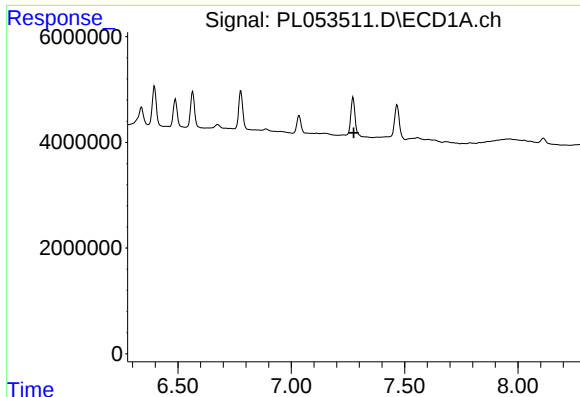
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#20 Methoxychlor

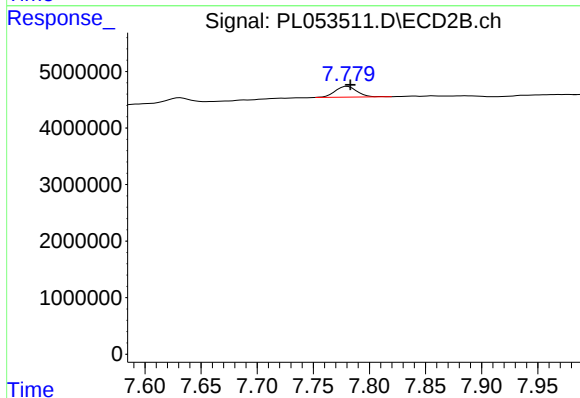
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 1158622
Conc: 0.89 ng/ml



#21 Endrin ketone

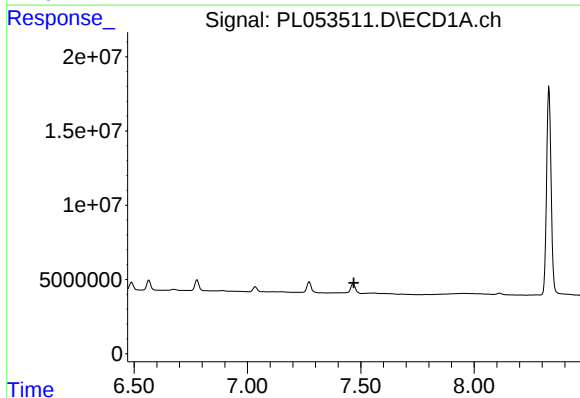
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



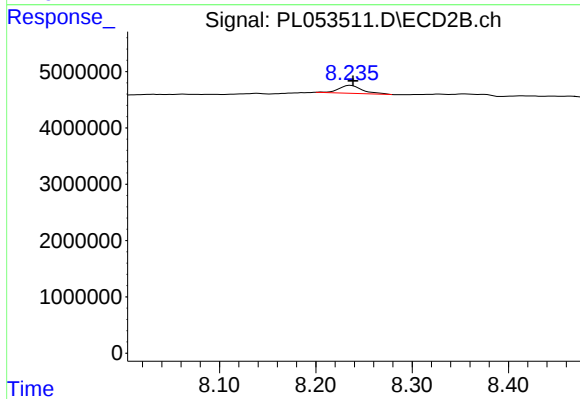
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 2599598
Conc: 1.01 ng/ml



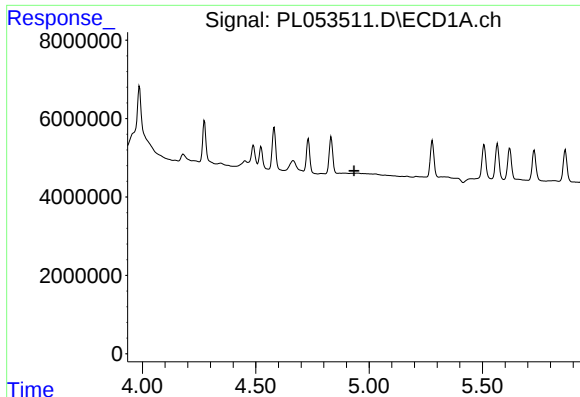
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.469 min
Response: 0
Conc: N.D.



#22 Mirex

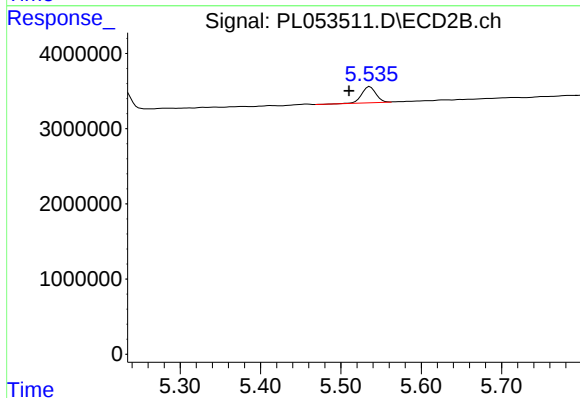
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2341033
Conc: 1.16 ng/ml



#24 Chlordane-2

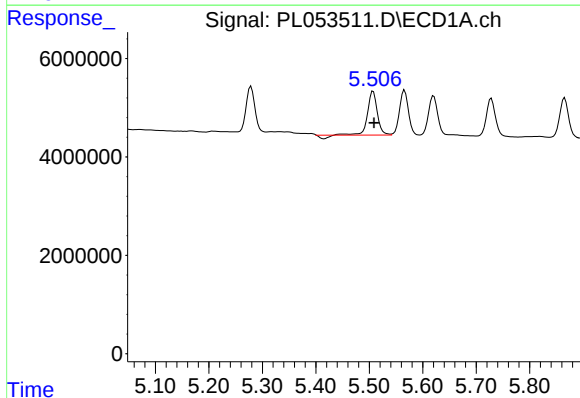
R.T.: 0.000 min
Exp R.T.: 4.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



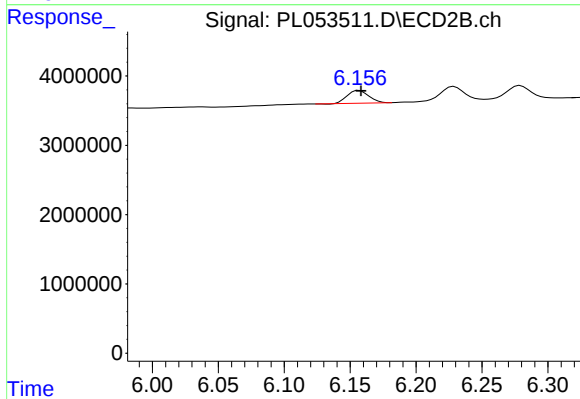
#24 Chlordane-2

R.T.: 5.536 min
Delta R.T.: 0.026 min
Response: 2589037
Conc: 26.36 ng/ml



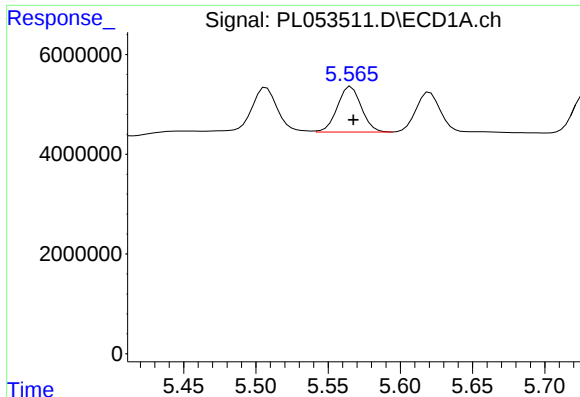
#25 Chlordane-3

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 10890533
Conc: 9.45 ng/ml



#25 Chlordane-3

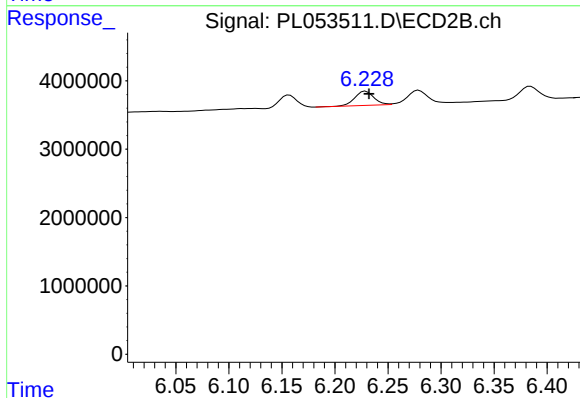
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 2075035
Conc: 5.68 ng/ml



#26 Chlordane-4

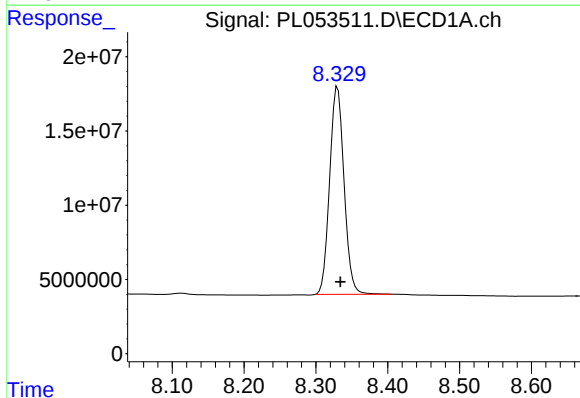
R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 10468580
Conc: 11.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



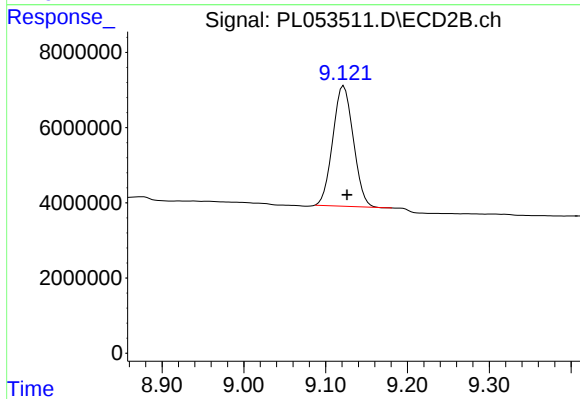
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 2629209
Conc: 5.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 194366840
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 55584785
Conc: 19.74 ng/ml