

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072921\
 Data File : PL068555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 15:26
 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 30 01:20:36 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...	4.643	5.572	9292887	20445125	21.653	20.036
2)	SA Decachlor...	10.420	11.498	11862555	18804121	21.092	21.081
Target Compounds							
2)	A alpha-BHC	5.350	6.152	5628024	12529179	9.614	9.215
3)	MA gamma-BHC...	5.774	6.548	5808655	12097093	10.219	9.376
6)	B beta-BHC	6.153	6.801	3997831	7412259	13.662	10.492
8)	B Heptachlo...	0.000	8.033	0	143785	N.D.	0.127 #
9)	A Endosulfan I	0.000	8.457f	0	19275	N.D.	0.019 #
10)	B gamma-Chl...	0.000	8.284f	0	238083	N.D.	0.211 #
11)	B alpha-Chl...	0.000	8.412f	0	61408	N.D.	0.055 #
12)	B 4,4'-DDE	0.000	8.573	0	310015	N.D.	0.301 #
13)	MA Dieldrin	0.000	8.730	0	100999	N.D.	0.095 #
14)	MA Endrin	8.070	8.971	24488867	41696563	48.969	46.632
15)	B Endosulfa...	0.000	9.218f	0	695251	N.D.	0.767 #
16)	A 4,4'-DDD	8.235	9.113	3545671	6715901	7.938	7.887
17)	MA 4,4'-DDT	8.497	9.430	45198568	78000755	90.110	82.642
18)	B Endrin al...	8.569	9.338	596958	723316	1.507	1.004 #
20)	A Methoxychlor	9.093	9.915	62760760	100.8E6	200.637	198.474
21)	B Endrin ke...	9.318	10.075	2590736	3285005	4.375	3.294
22)	Mirex	0.000	10.565f	0	9972	N.D.	0.013 #
25)	Chlordane-3	0.000	8.284f	0	238083	N.D.	1.537 #
26)	Chlordane-4	0.000	8.412f	0	61408	N.D.	0.328 #

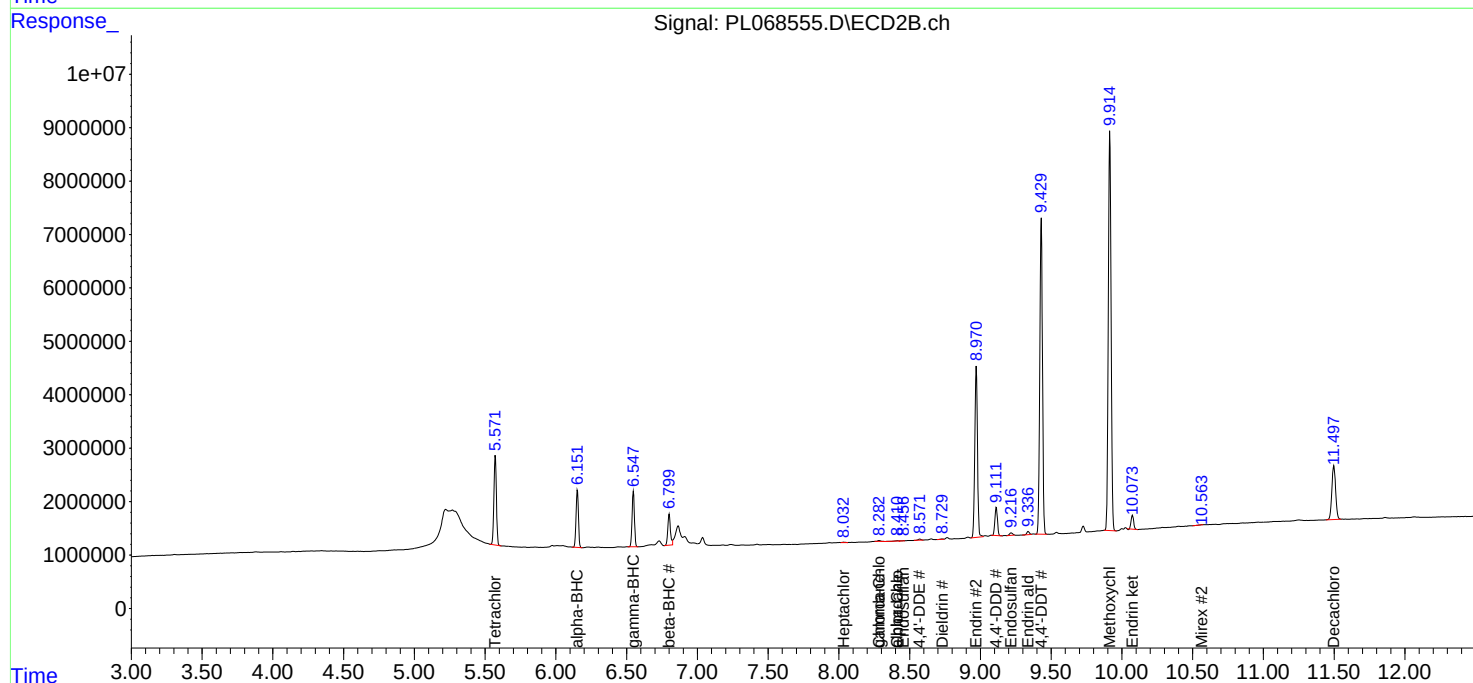
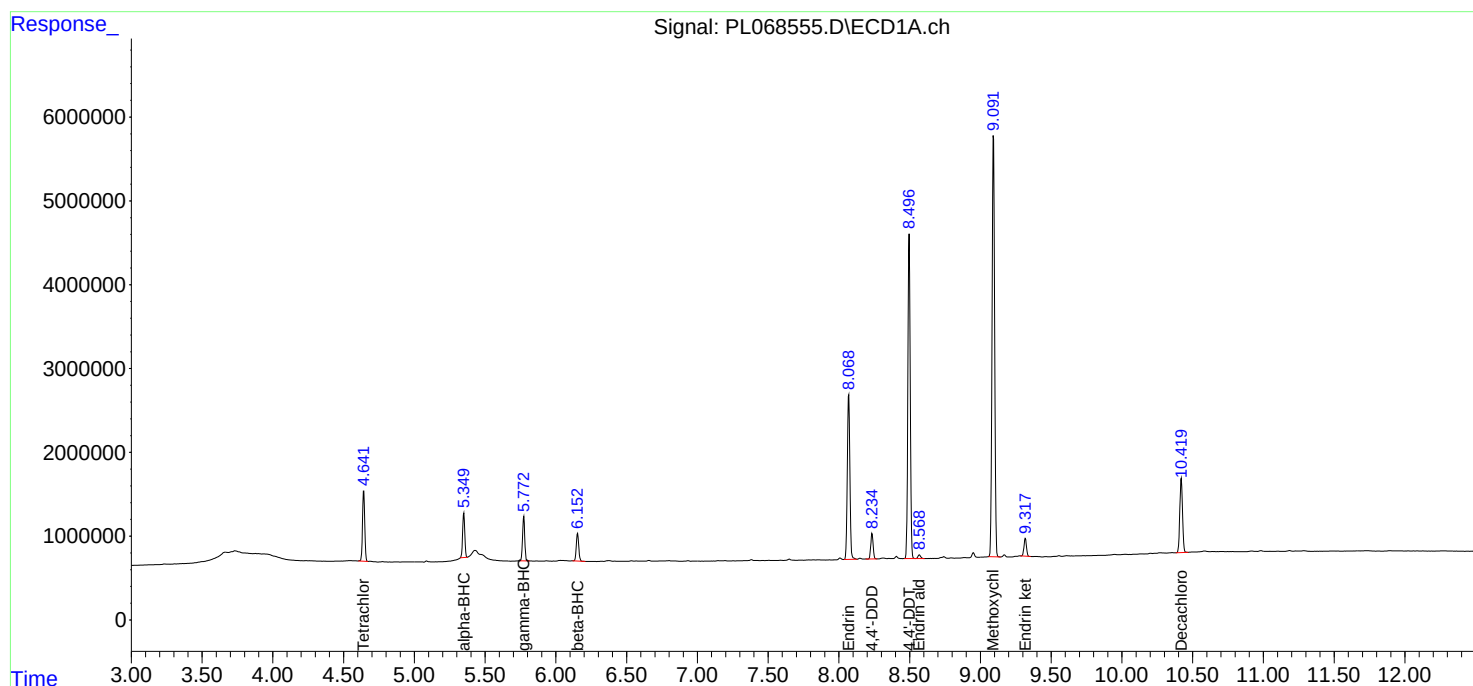
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

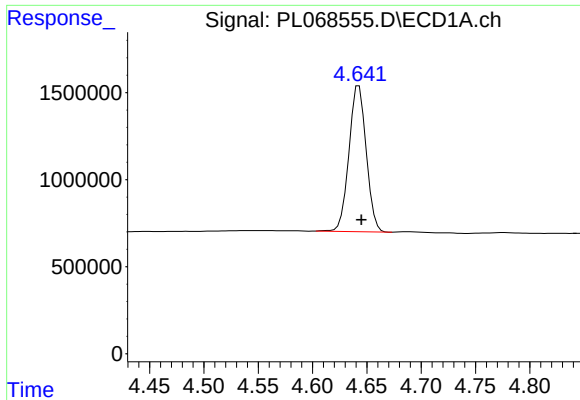
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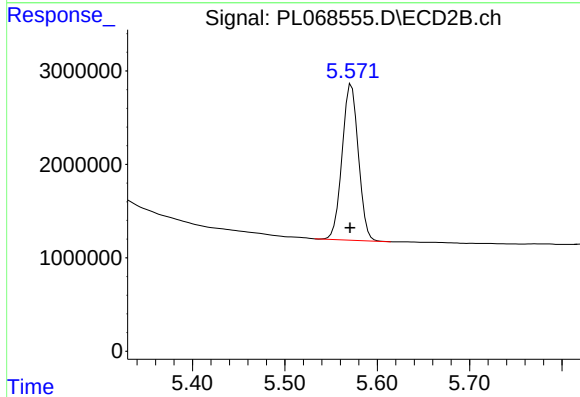




#1 Tetrachloro-m-xylene

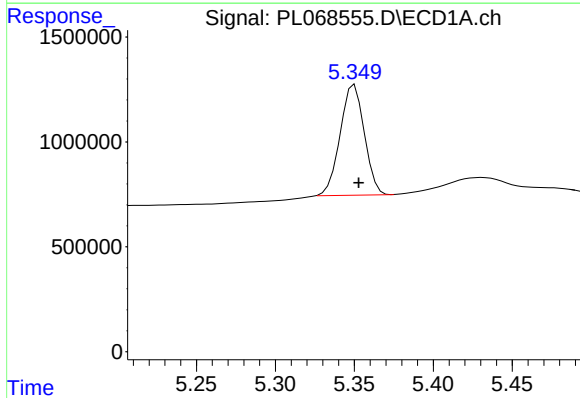
R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 9292887
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



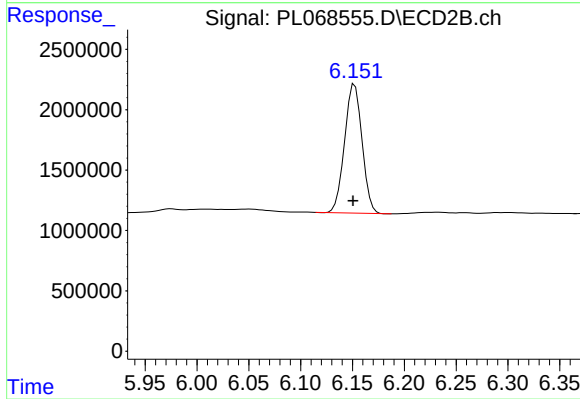
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.001 min
Response: 20445125
Conc: 20.04 ng/ml



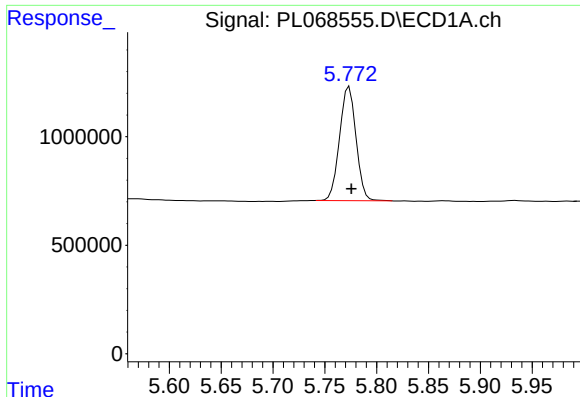
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.003 min
Response: 5628024
Conc: 9.61 ng/ml



#2 alpha-BHC

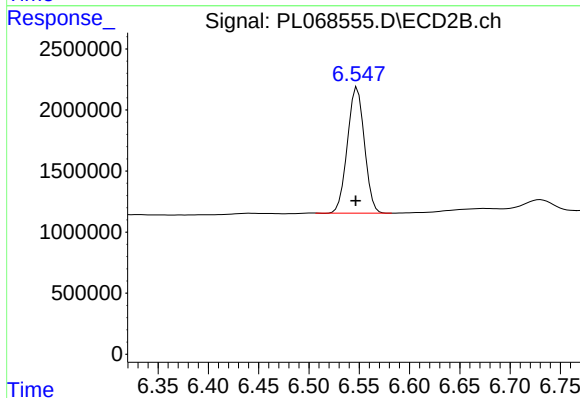
R.T.: 6.152 min
Delta R.T.: 0.002 min
Response: 12529179
Conc: 9.22 ng/ml



#3 gamma-BHC (Lindane)

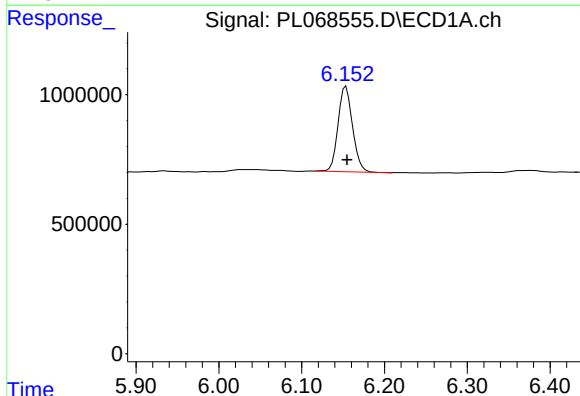
R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 5808655
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



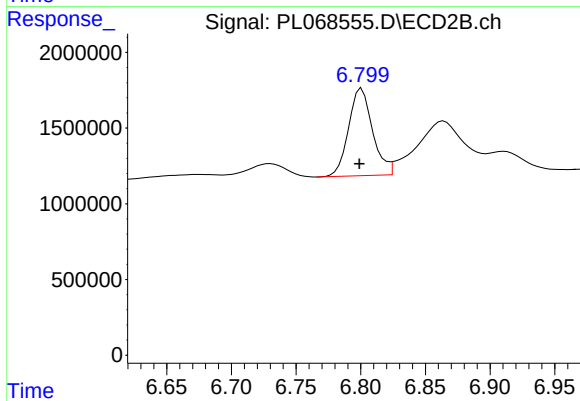
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 12097093
Conc: 9.38 ng/ml



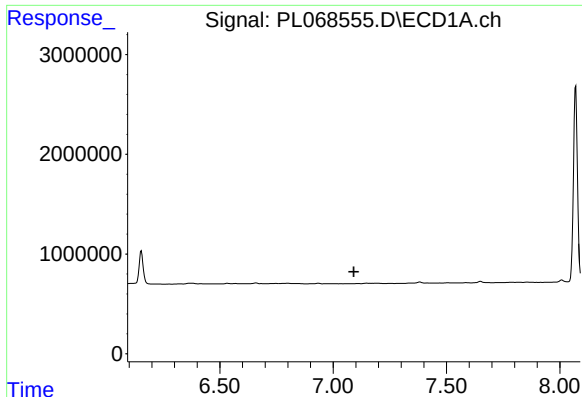
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 3997831
Conc: 13.66 ng/ml



#6 beta-BHC

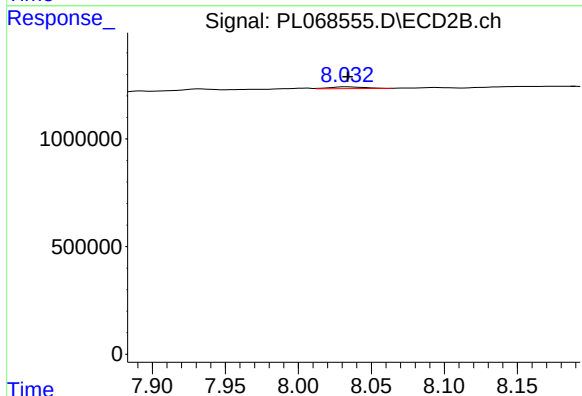
R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 7412259
Conc: 10.49 ng/ml



#8 Heptachlor epoxide

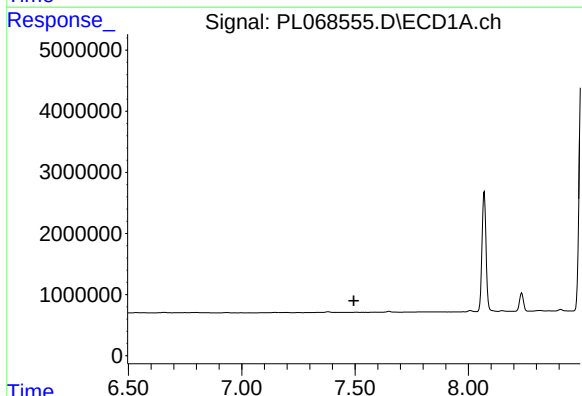
R.T.: 0.000 min
Exp R.T. : 7.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



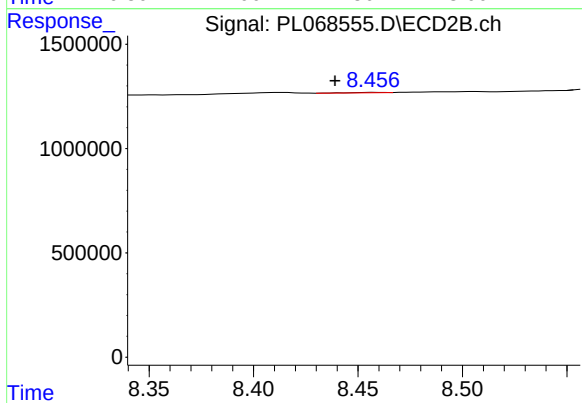
#8 Heptachlor epoxide

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 143785
Conc: 0.13 ng/ml



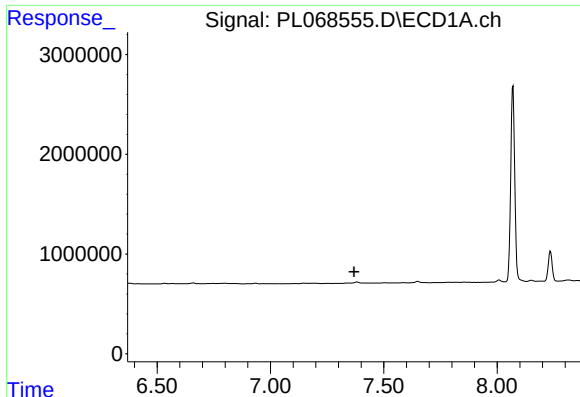
#9 Endosulfan I

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



#9 Endosulfan I

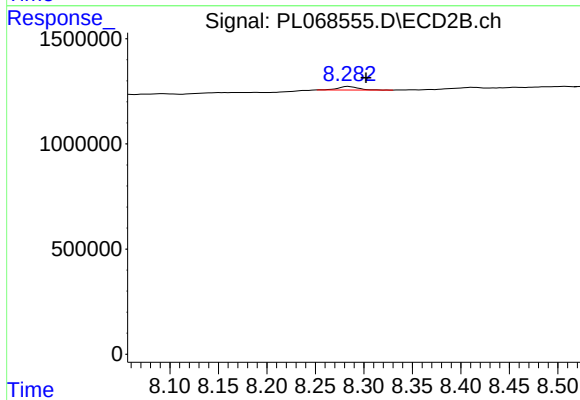
R.T.: 8.457 min
Delta R.T.: 0.018 min
Response: 19275
Conc: 0.02 ng/ml



#10 gamma-Chlordane

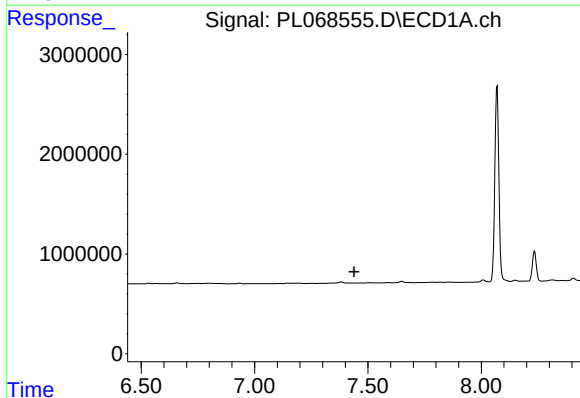
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



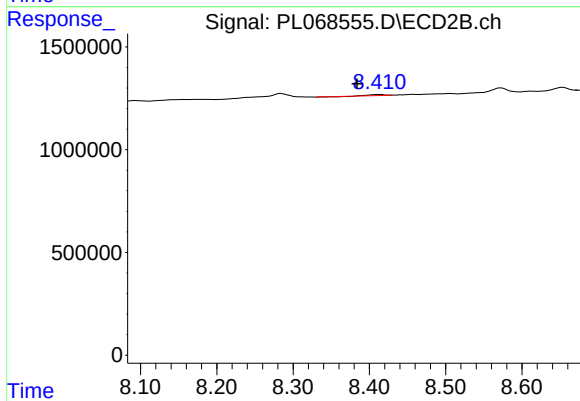
#10 gamma-Chlordane

R.T.: 8.284 min
Delta R.T.: -0.019 min
Response: 238083
Conc: 0.21 ng/ml



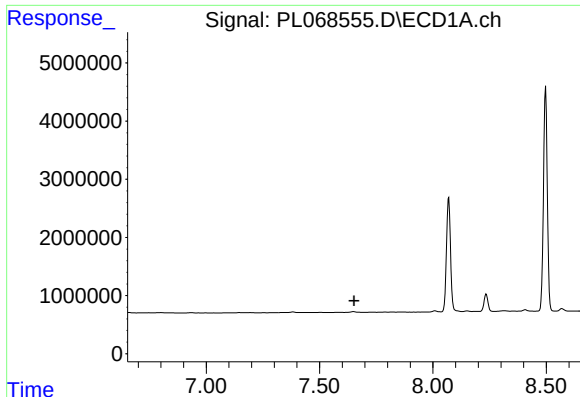
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 7.438 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

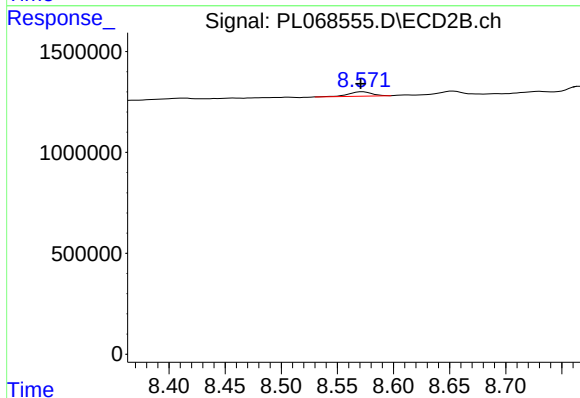
R.T.: 8.412 min
Delta R.T.: 0.029 min
Response: 61408
Conc: 0.05 ng/ml



#12 4,4'-DDE

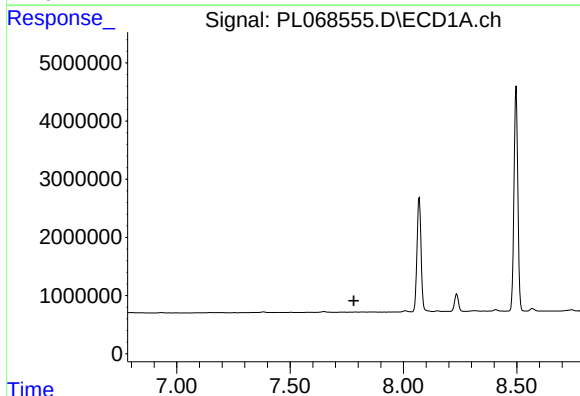
R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



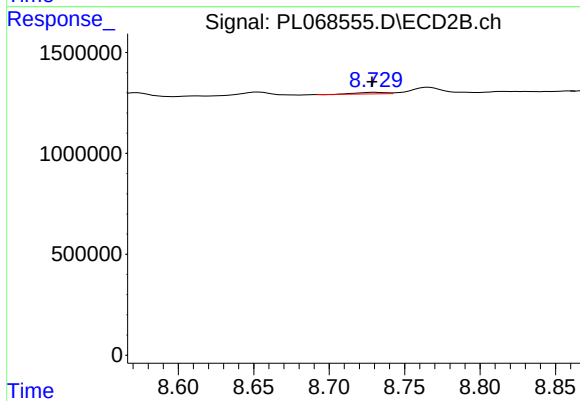
#12 4,4'-DDE

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 310015
Conc: 0.30 ng/ml



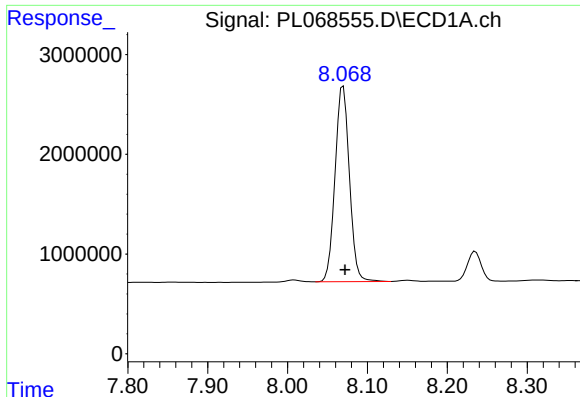
#13 Dieldrin

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



#13 Dieldrin

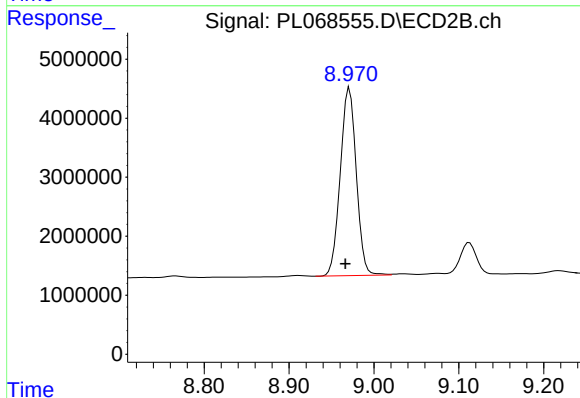
R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 100999
Conc: 0.10 ng/ml



#14 Endrin

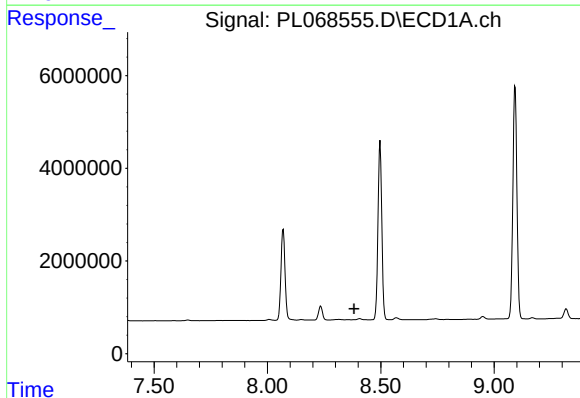
R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 24488867
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



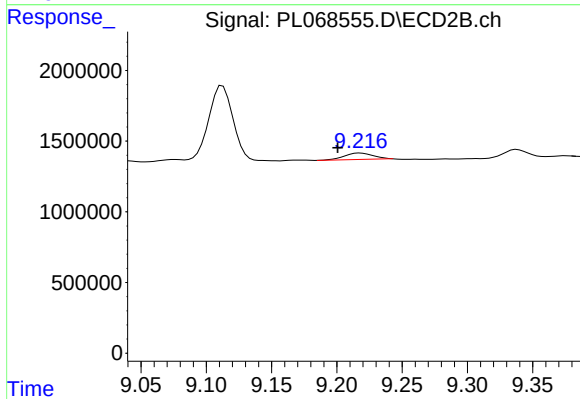
#14 Endrin

R.T.: 8.971 min
Delta R.T.: 0.005 min
Response: 41696563
Conc: 46.63 ng/ml



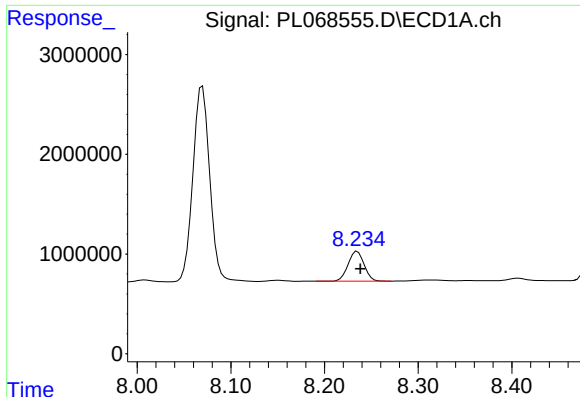
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 8.382 min
Response: 0
Conc: N.D.



#15 Endosulfan II

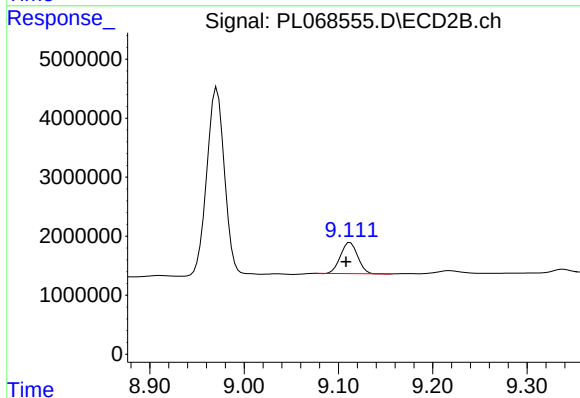
R.T.: 9.218 min
Delta R.T.: 0.017 min
Response: 695251
Conc: 0.77 ng/ml



#16 4,4'-DDD

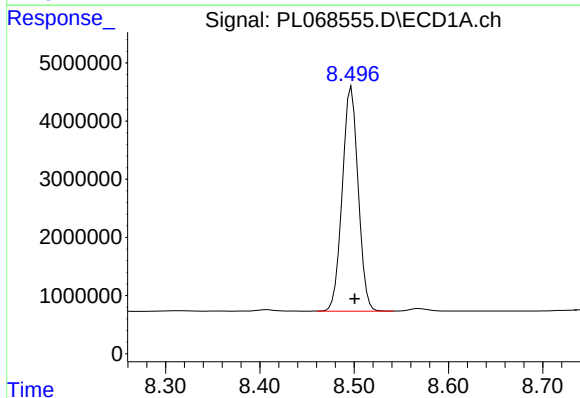
R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 3545671
Conc: 7.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



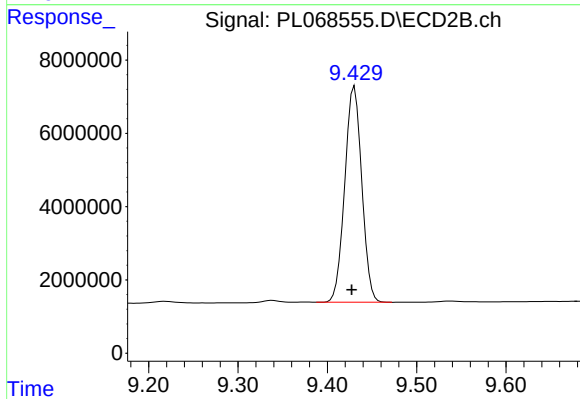
#16 4,4'-DDD

R.T.: 9.113 min
Delta R.T.: 0.005 min
Response: 6715901
Conc: 7.89 ng/ml



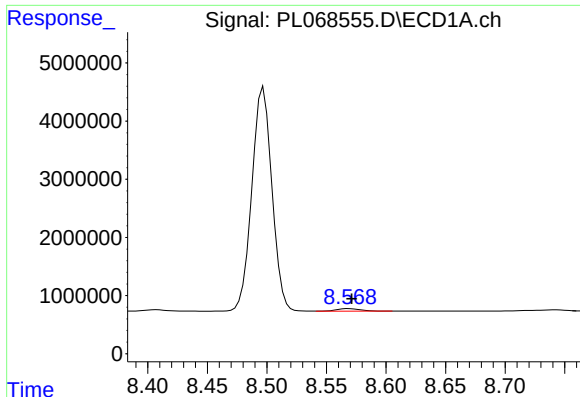
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 45198568
Conc: 90.11 ng/ml



#17 4,4'-DDT

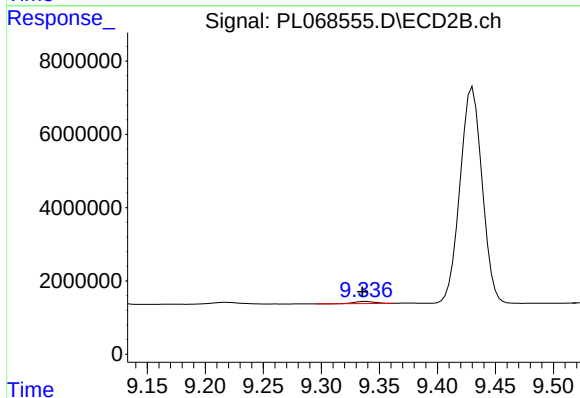
R.T.: 9.430 min
Delta R.T.: 0.003 min
Response: 78000755
Conc: 82.64 ng/ml



#18 Endrin aldehyde

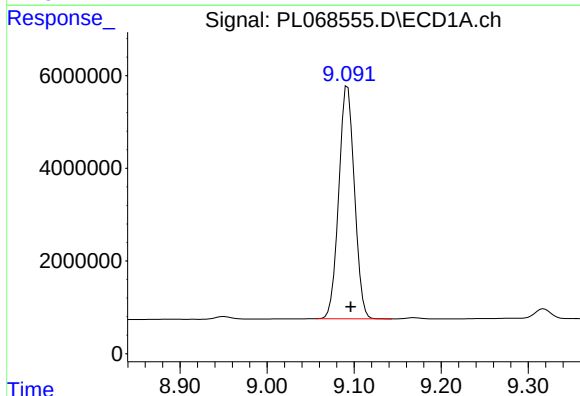
R.T.: 8.569 min
Delta R.T.: -0.002 min
Response: 596958
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



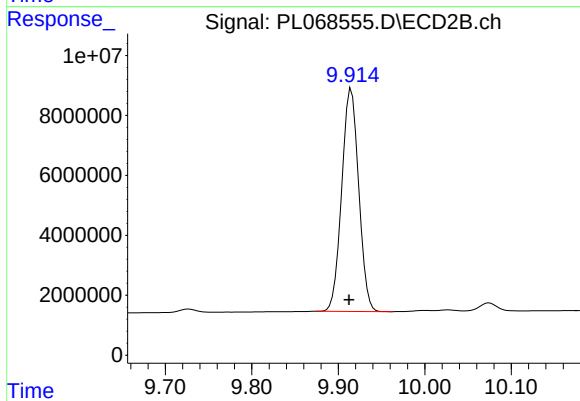
#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.003 min
Response: 723316
Conc: 1.00 ng/ml



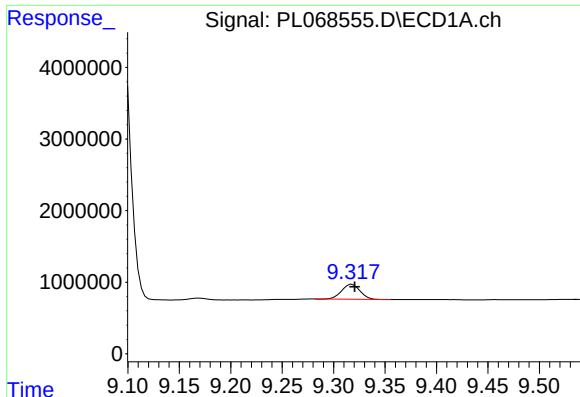
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.004 min
Response: 62760760
Conc: 200.64 ng/ml



#20 Methoxychlor

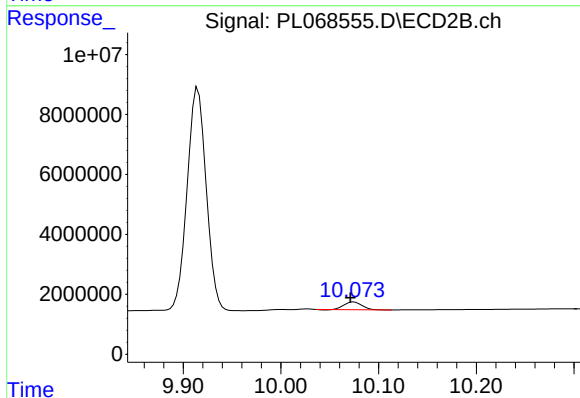
R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 100832112
Conc: 198.47 ng/ml



#21 Endrin ketone

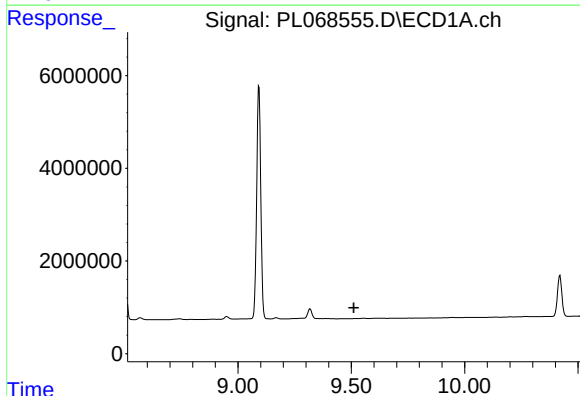
R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 2590736
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



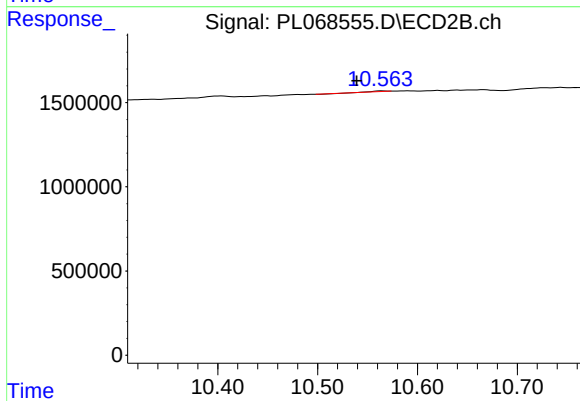
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.003 min
Response: 3285005
Conc: 3.29 ng/ml



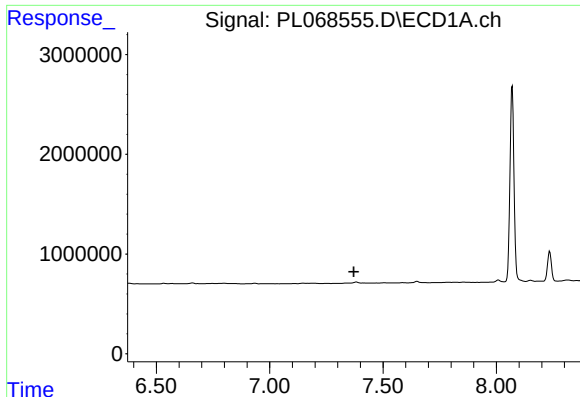
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#22 Mirex

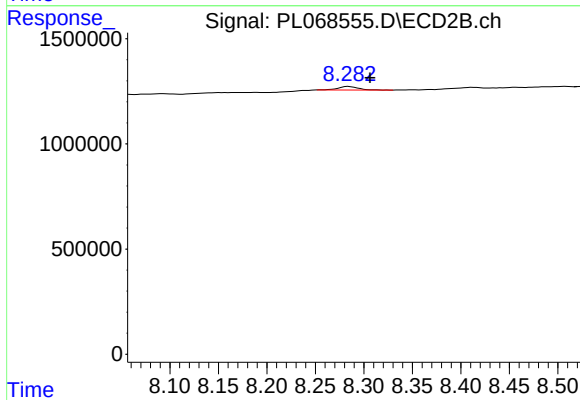
R.T.: 10.565 min
Delta R.T.: 0.025 min
Response: 9972
Conc: 0.01 ng/ml



#25 Chlordane-3

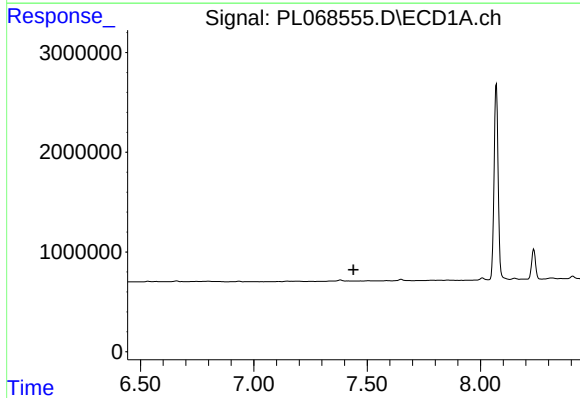
R.T.: 0.000 min
Exp R.T.: 7.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



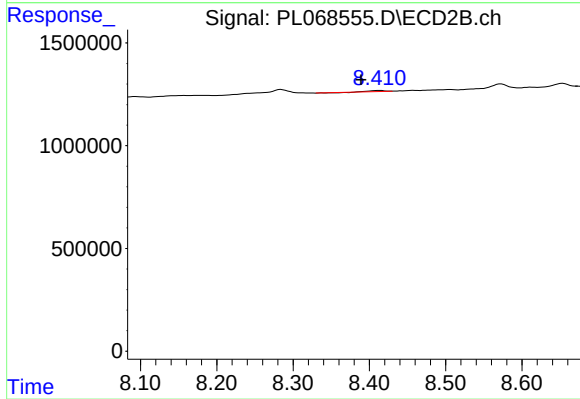
#25 Chlordane-3

R.T.: 8.284 min
Delta R.T.: -0.022 min
Response: 238083
Conc: 1.54 ng/ml



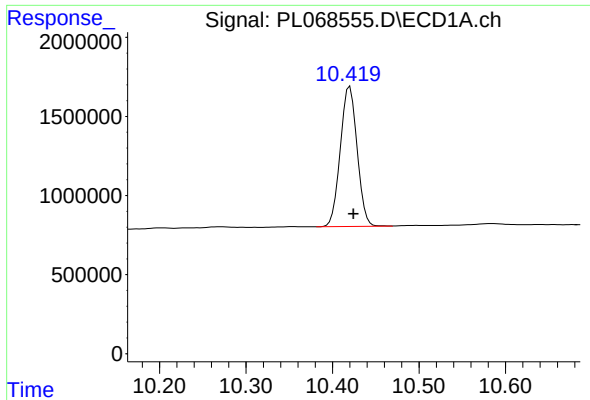
#26 Chlordane-4

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



#26 Chlordane-4

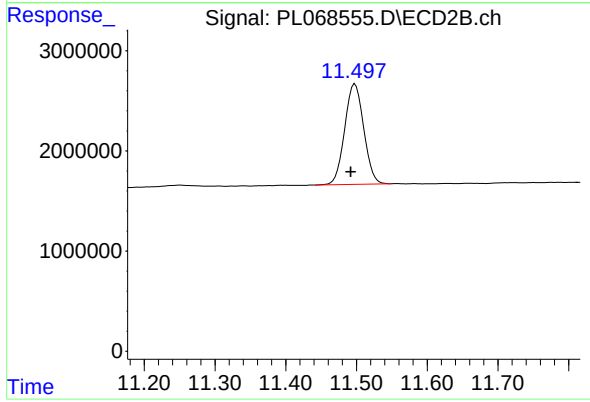
R.T.: 8.412 min
Delta R.T.: 0.023 min
Response: 61408
Conc: 0.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: -0.004 min
Response: 11862555
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.498 min
Delta R.T.: 0.006 min
Response: 18804121
Conc: 21.08 ng/ml