

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
 Data File : PL085364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 09:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2023
 Supervised By : Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 22:37:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 2023
 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...	3.476	2.683	49690979	22136006	20.316	19.483
28)	SA Decachlor...	9.026	7.861	36638090	26983760	22.783	20.272
Target Compounds							
2)	A alpha-BHC	3.934	3.188	34323687	14986265	9.961	9.163
3)	MA gamma-BHC...	4.269	3.519	32983215	14402767	9.936	9.024
6)	B beta-BHC	4.469	3.821	16089714	7305905	11.384	10.767
12)	B 4,4'-DDE	6.147	5.159	531371	140345	0.256	0.113 #
14)	MA Endrin	6.525	5.558	97164859	60193166	47.038	47.091
16)	A 4,4'-DDD	6.669	5.718	3969088	2178608	2.578	2.074
17)	MA 4,4'-DDT	6.984	5.970	181.9E6	124.3E6	107.972	106.588
18)	B Endrin al...	6.878	6.037	2279887	2336022	1.483	2.287m#
20)	A Methoxychlor	7.466	6.555	231.0E6	160.5E6	254.183	238.585
21)	B Endrin ke...	7.596	6.765	4447087	3888691	2.270	2.636

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

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Acq On : 15 Sep 2023 09:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

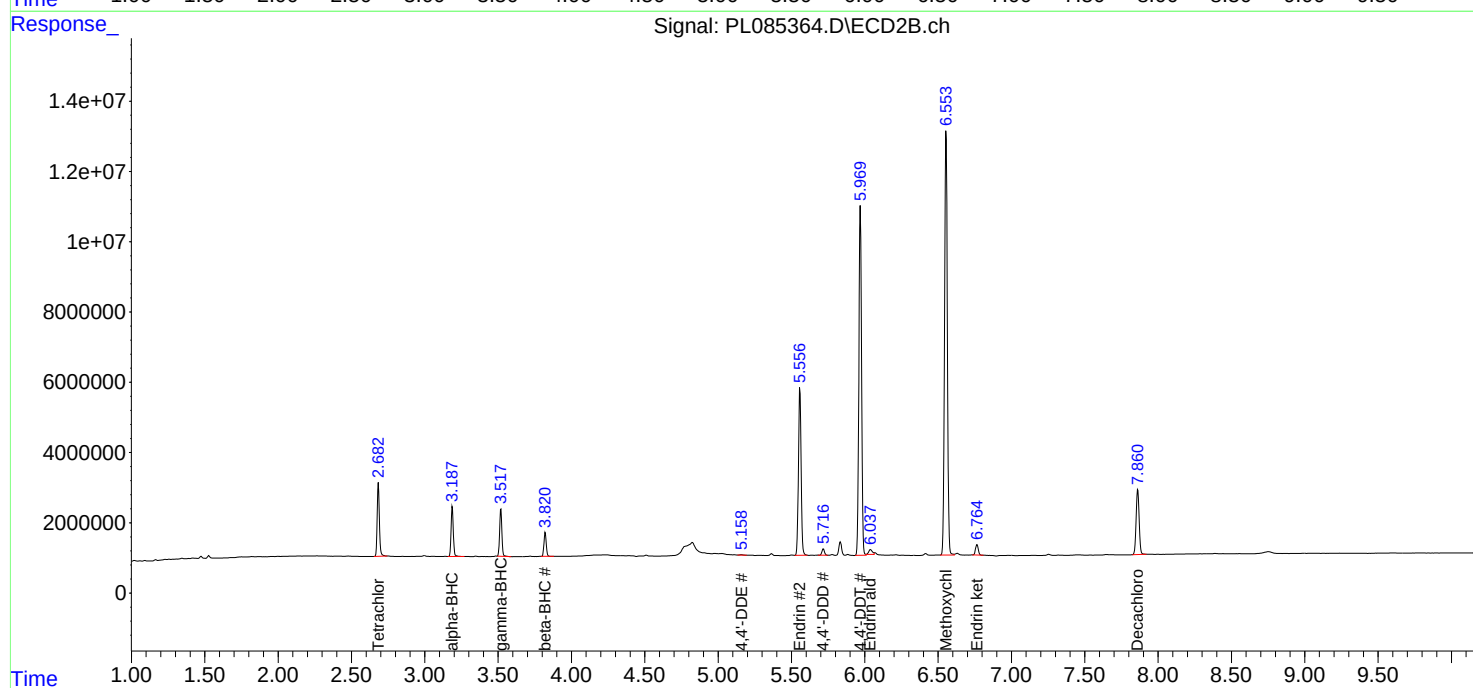
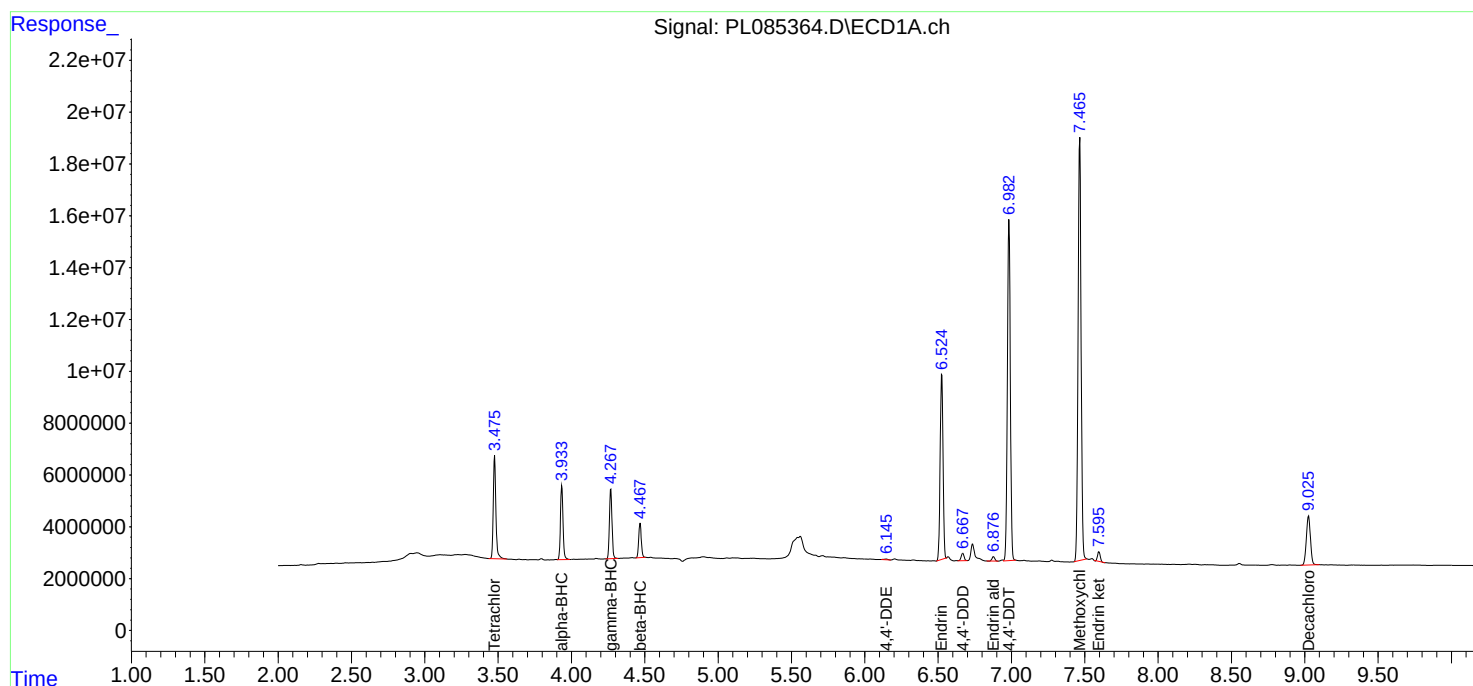
Instrument :
ECD_L
ClientSampleId :
PEM

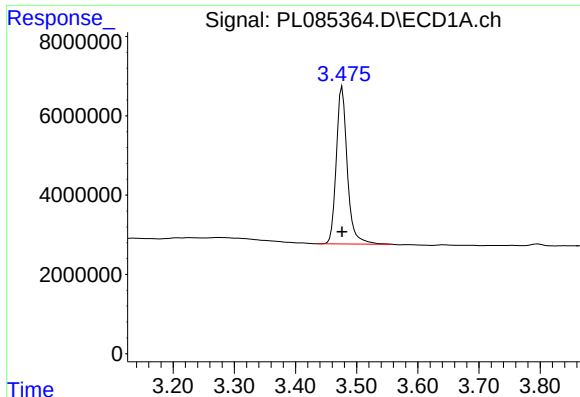
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
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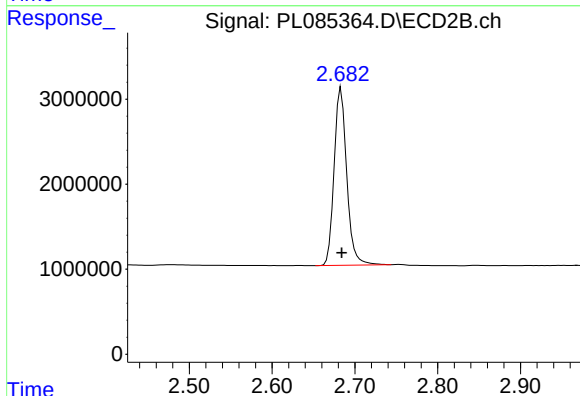
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 49690979
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

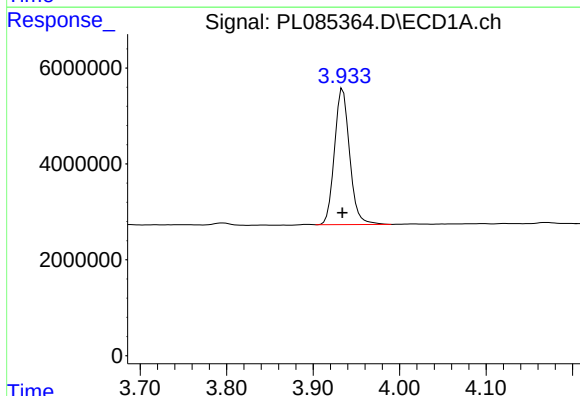
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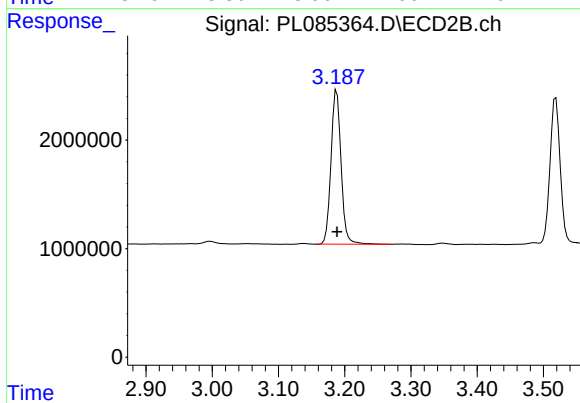
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: 0.000 min
Response: 22136006
Conc: 19.48 ng/ml



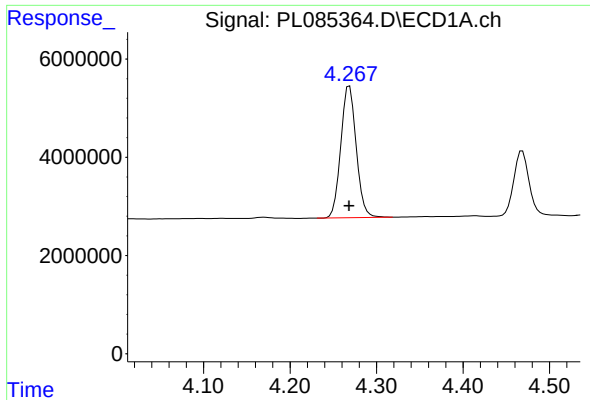
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 34323687
Conc: 9.96 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 14986265
Conc: 9.16 ng/ml



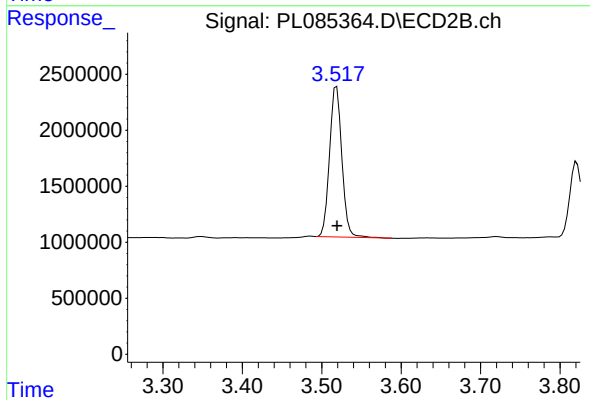
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 32983215
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

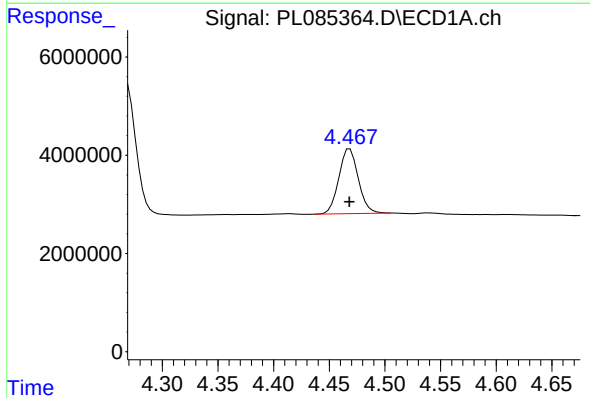
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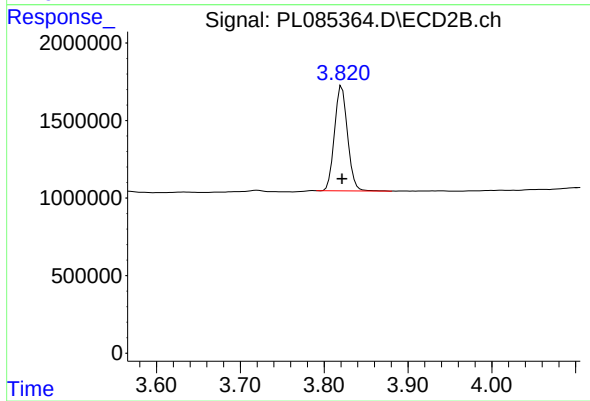
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 14402767
Conc: 9.02 ng/ml



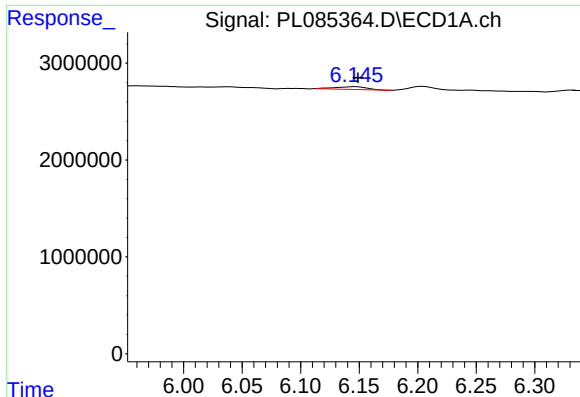
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 16089714
Conc: 11.38 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 7305905
Conc: 10.77 ng/ml



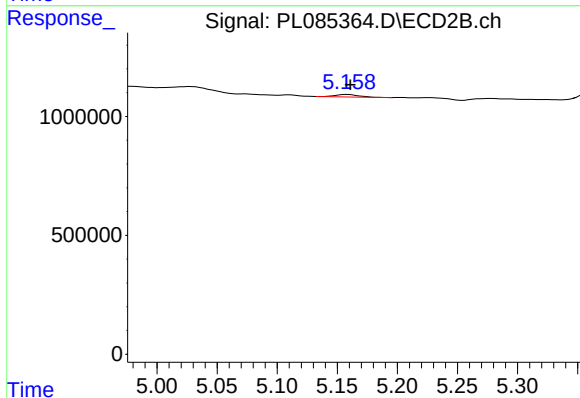
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 531371
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

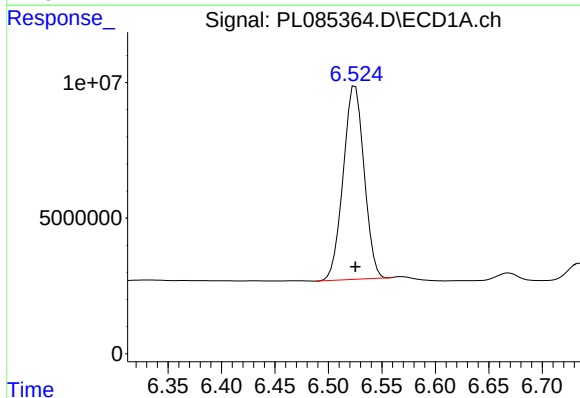
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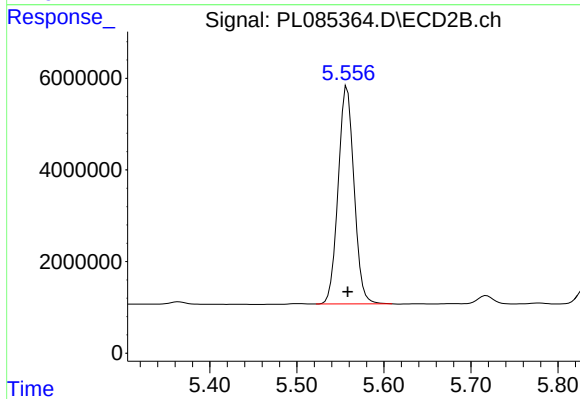
#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 140345
Conc: 0.11 ng/ml



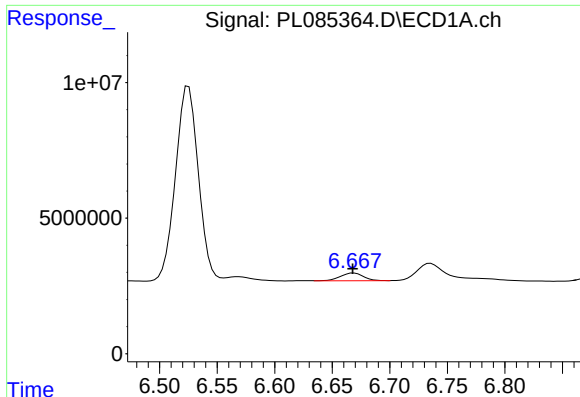
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 97164859
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 60193166
Conc: 47.09 ng/ml



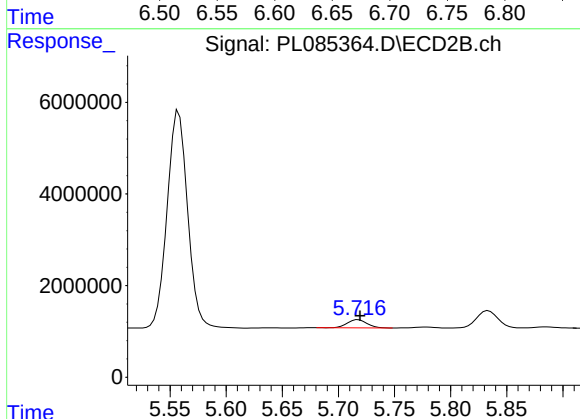
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 3969088
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

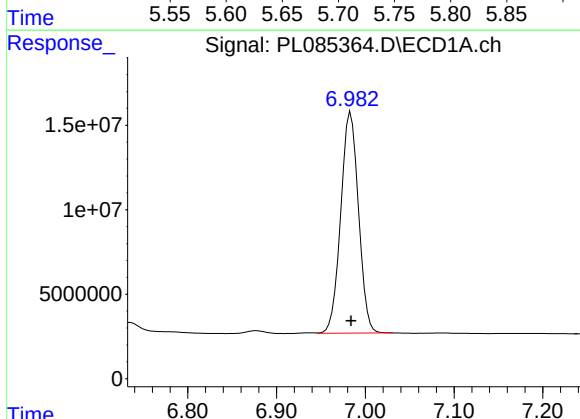
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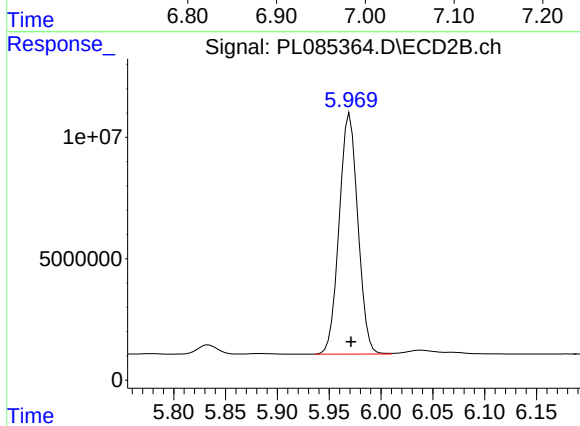
#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 2178608
Conc: 2.07 ng/ml



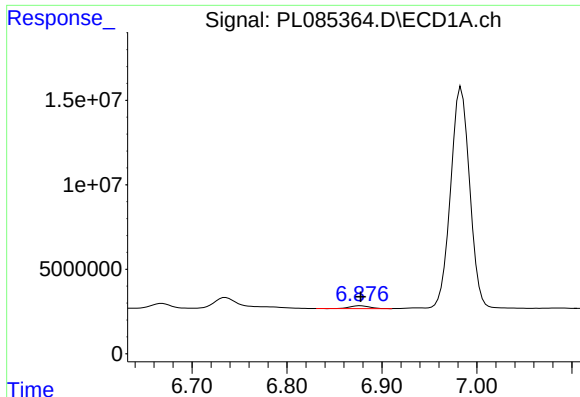
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 181889256
Conc: 107.97 ng/ml



#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 124265498
Conc: 106.59 ng/ml



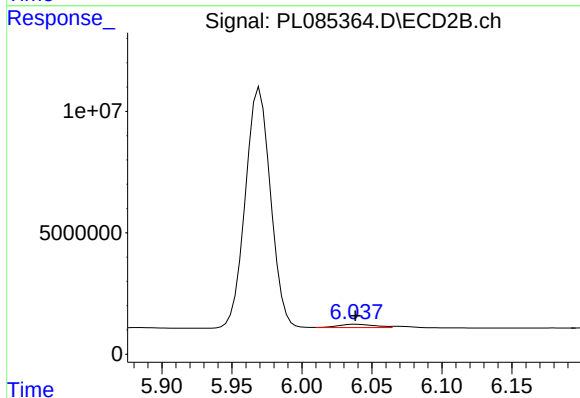
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 2279887
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

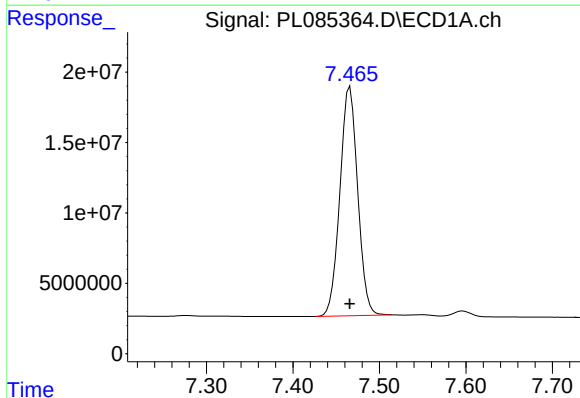
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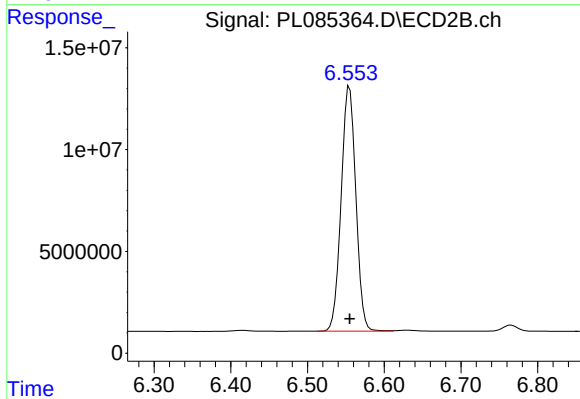
#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.001 min
Response: 2336022
Conc: 2.29 ng/ml m



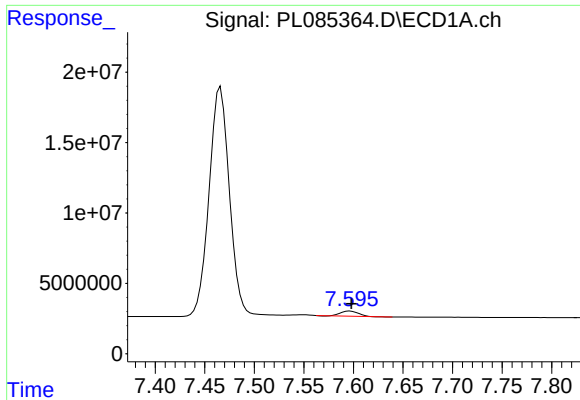
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 230951602
Conc: 254.18 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 160500380
Conc: 238.59 ng/ml



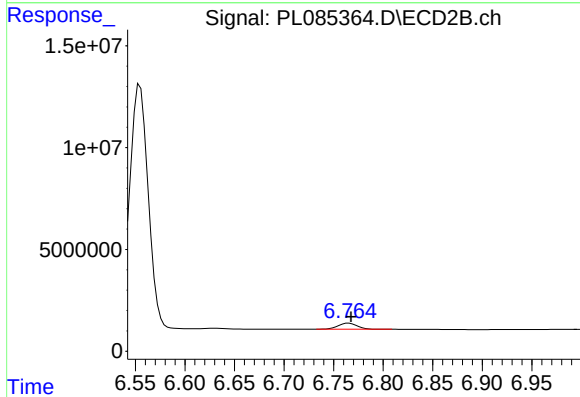
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.002 min
Response: 4447087
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

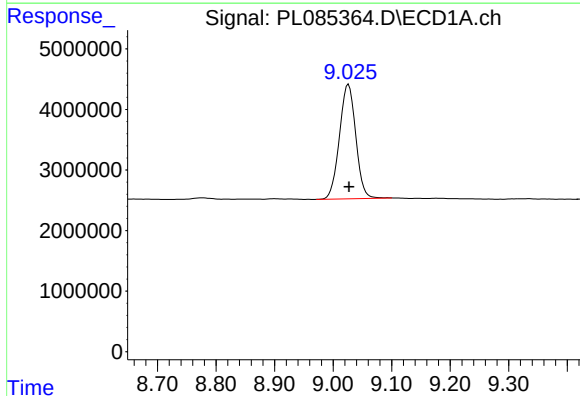
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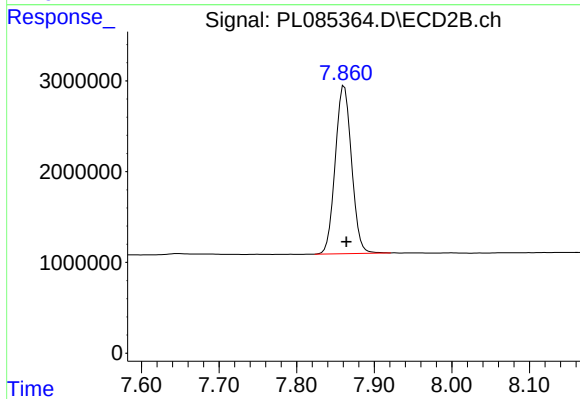
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 3888691
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 36638090
Conc: 22.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 26983760
Conc: 20.27 ng/ml