

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 10:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:42:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.600	2.904	82068633	70636014	25.138m	22.214
28)	SA Decachlor...	9.130	8.089	63745254	63160272	23.006	21.343
Target Compounds							
2)	A alpha-BHC	4.053	3.414	59473651	48044809	12.006	10.800
3)	MA gamma-BHC...	4.384	3.748	57629929	47528004	12.174	10.806
6)	B beta-BHC	4.571	4.042	25683782	23364189	12.423	11.255
14)	MA Endrin	6.630	5.806	179.5E6	186.5E6	56.367	51.227
16)	A 4,4'-DDD	6.758	5.948	16154222	16321152	5.706m	4.996
17)	MA 4,4'-DDT	7.075	6.203	313.7E6	345.2E6	110.135	100.463
18)	B Endrin al...	6.970	6.274	2148862	2950346	0.926m	1.129m
20)	A Methoxychlor	7.546	6.774	347.4E6	416.3E6	249.037	218.274
21)	B Endrin ke...	7.685	7.003	7400880	9299126	2.596	2.641

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

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Acq On : 24 Apr 2025 10:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

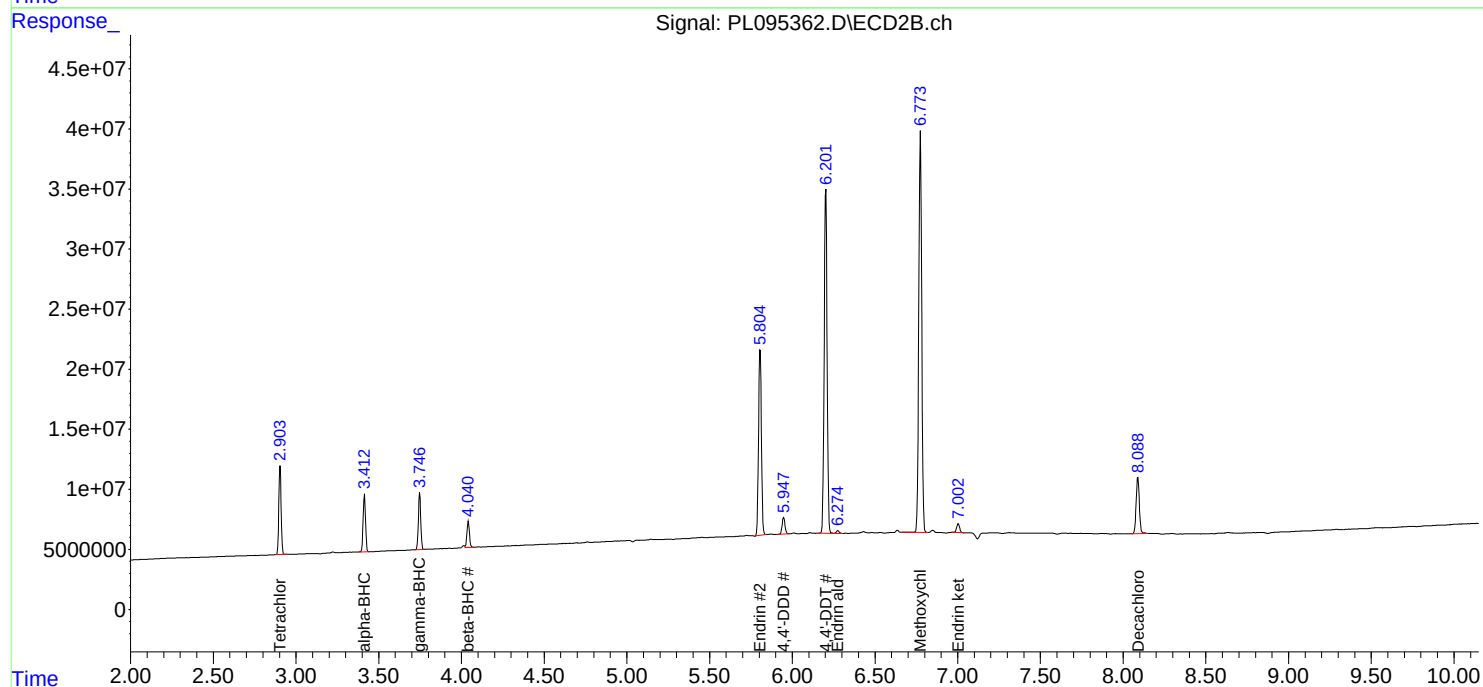
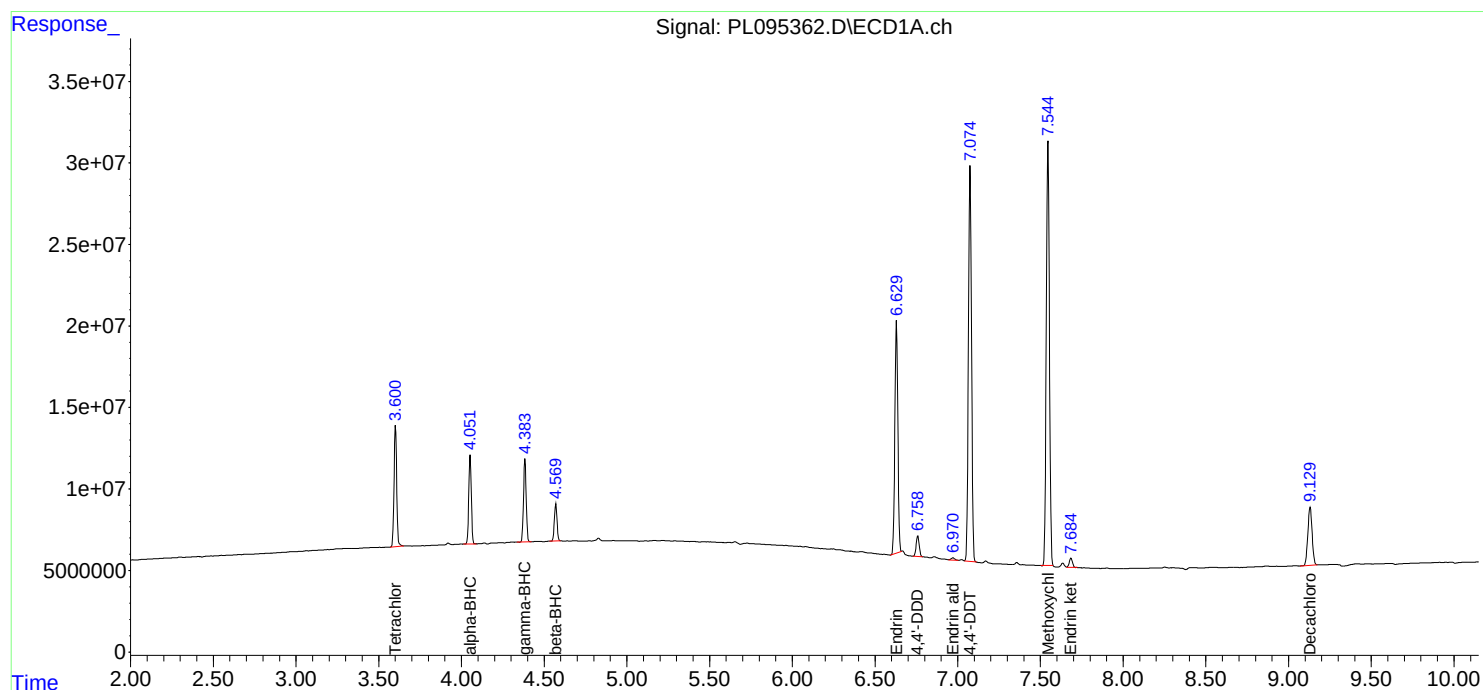
Instrument :
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ClientSampleId :
PEM

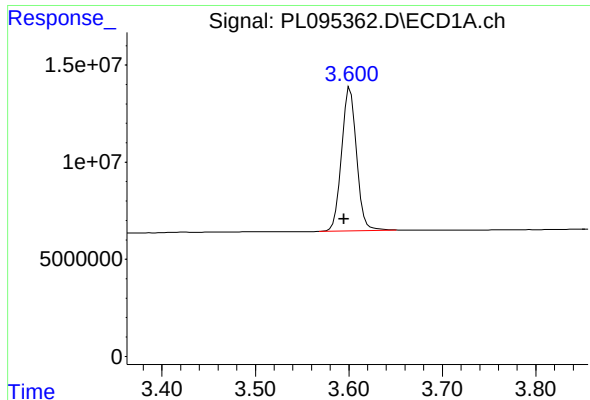
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Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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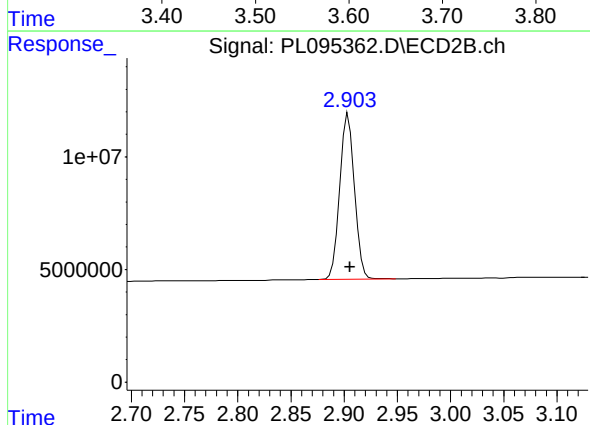
#1 Tetrachloro-m-xylene

R.T.: 3.600 min
Delta R.T.: 0.005 min
Response: 82068633
Conc: 25.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

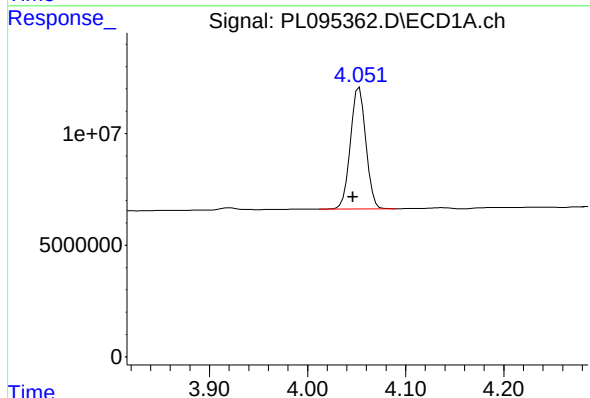
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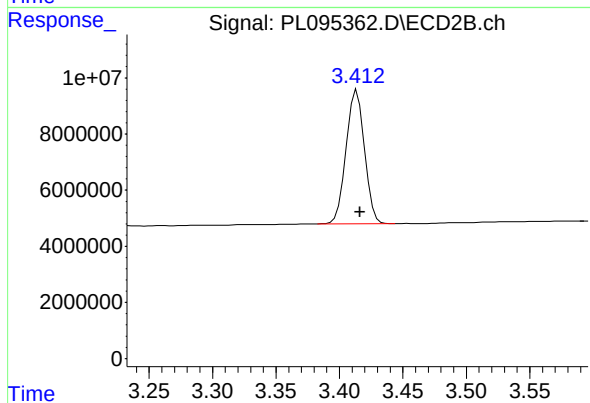
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 70636014
Conc: 22.21 ng/ml



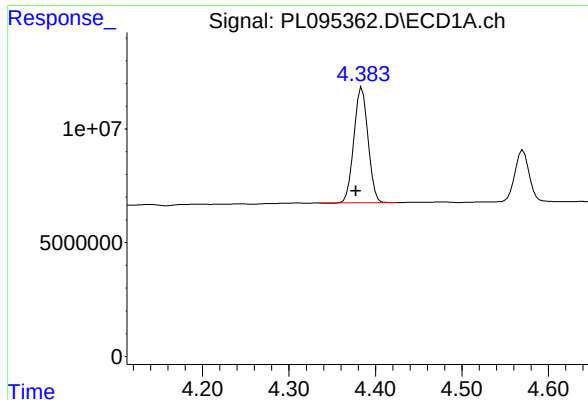
#2 alpha-BHC

R.T.: 4.053 min
Delta R.T.: 0.006 min
Response: 59473651
Conc: 12.01 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.002 min
Response: 48044809
Conc: 10.80 ng/ml



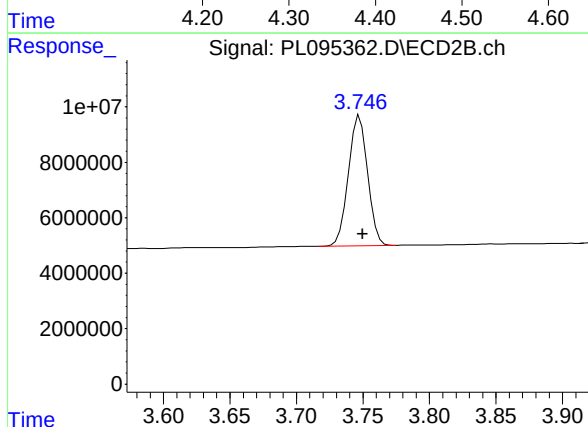
#3 gamma-BHC (Lindane)

R.T.: 4.384 min
Delta R.T.: 0.007 min
Response: 57629929
Conc: 12.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

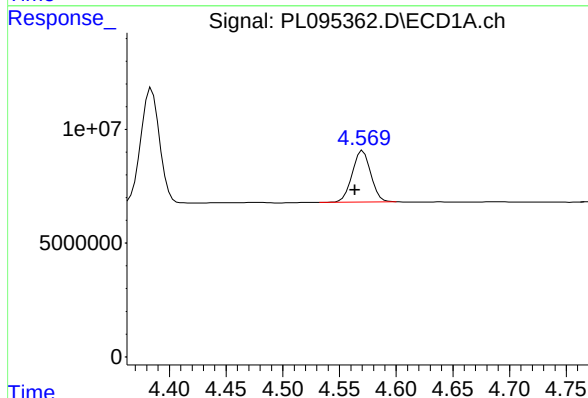
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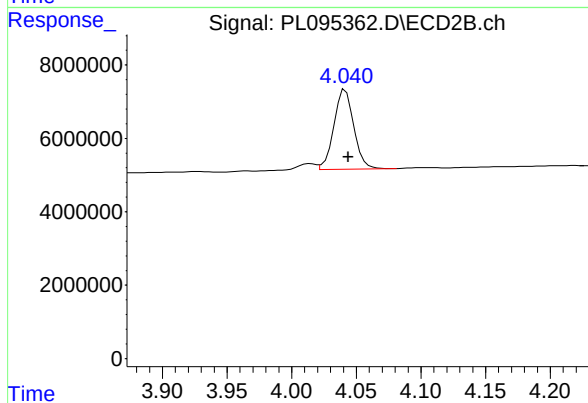
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 47528004
Conc: 10.81 ng/ml



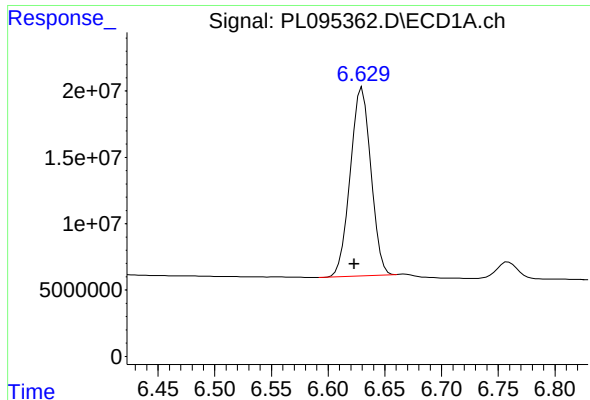
#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.007 min
Response: 25683782
Conc: 12.42 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 23364189
Conc: 11.26 ng/ml



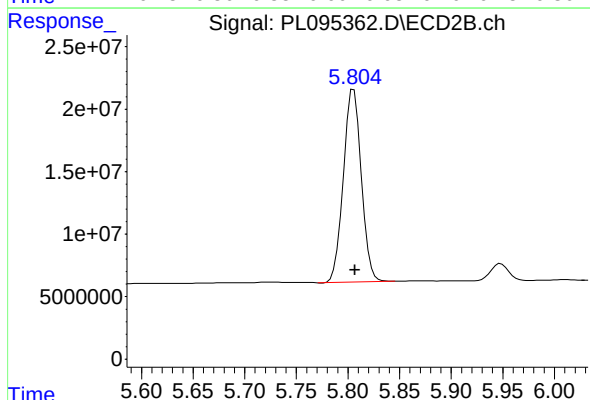
#14 Endrin

R.T.: 6.630 min
Delta R.T.: 0.007 min
Response: 179513290
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

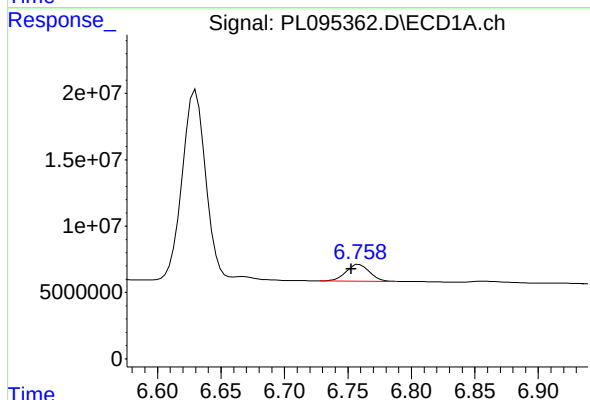
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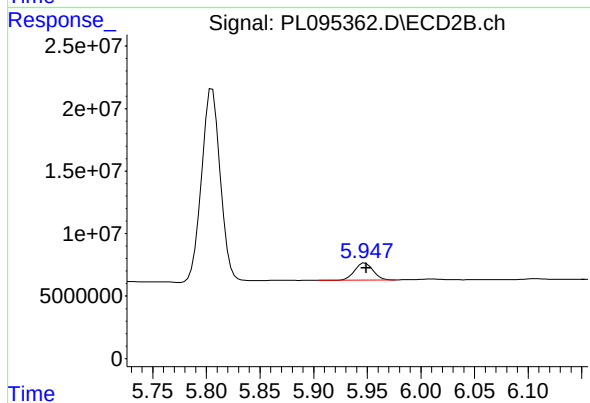
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 186502169
Conc: 51.23 ng/ml



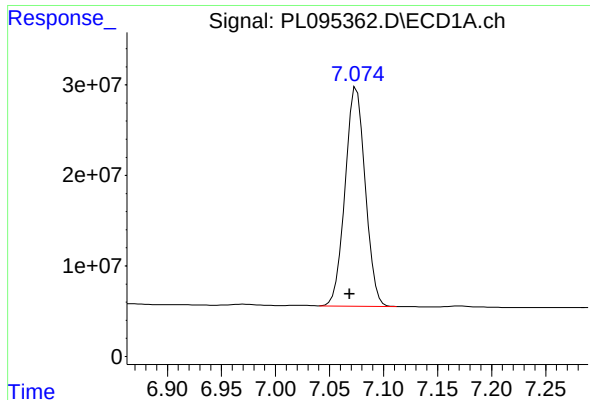
#16 4,4'-DDD

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 16154222
Conc: 5.71 ng/ml m



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 16321152
Conc: 5.00 ng/ml



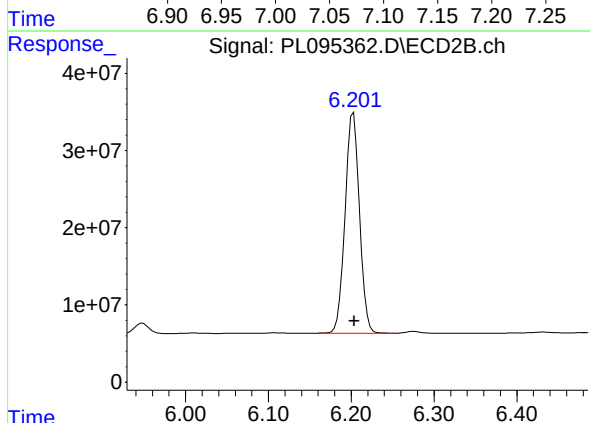
#17 4,4'-DDT

R.T.: 7.075 min
Delta R.T.: 0.006 min
Response: 313729514
Conc: 110.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

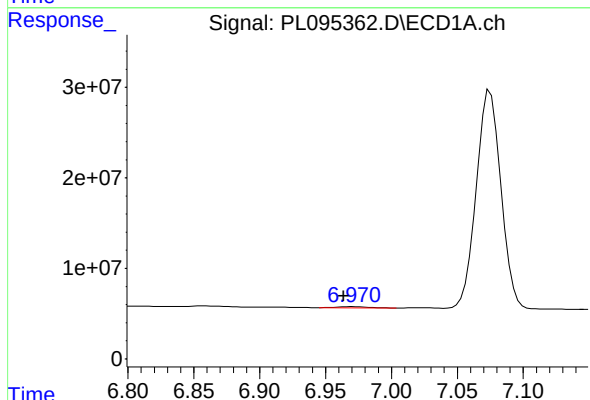
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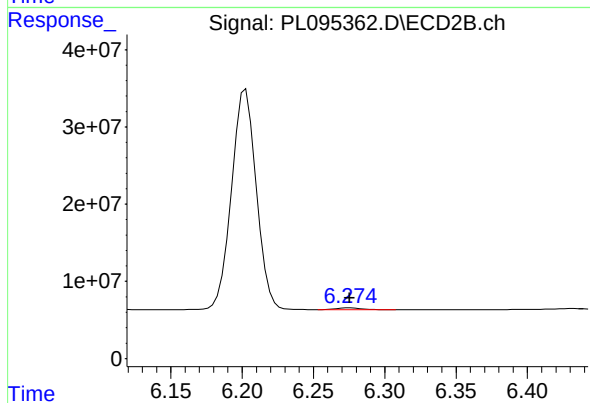
#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 345210254
Conc: 100.46 ng/ml



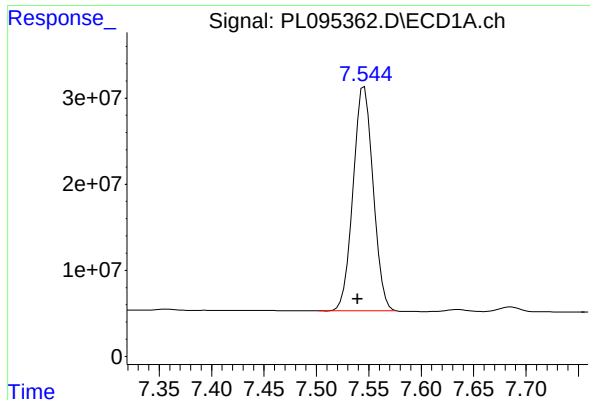
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.006 min
Response: 2148862
Conc: 0.93 ng/ml m



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 2950346
Conc: 1.13 ng/ml m



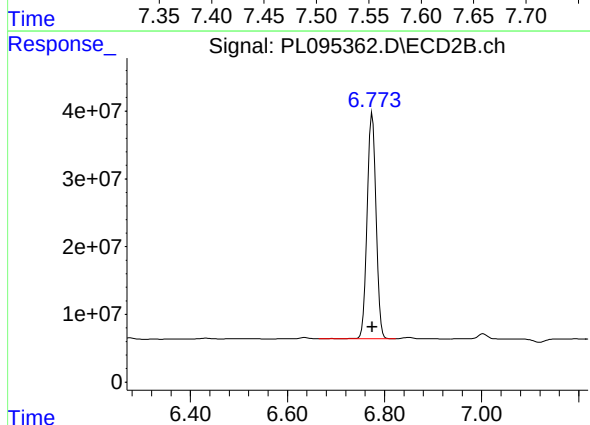
#20 Methoxychlor

R.T.: 7.546 min
Delta R.T.: 0.006 min
Response: 347439412
Conc: 249.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

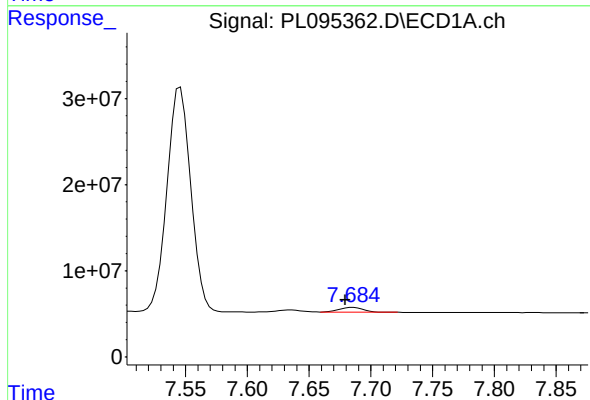
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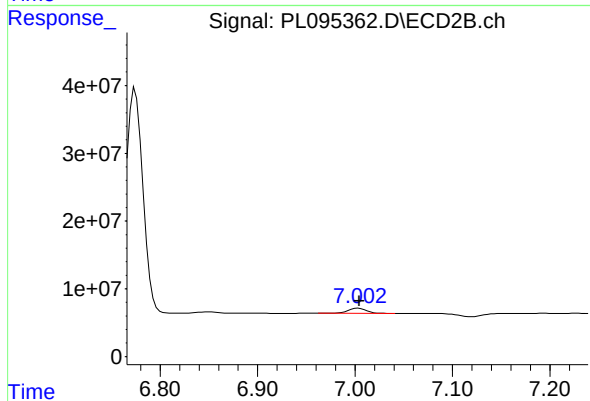
#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 416341853
Conc: 218.27 ng/ml



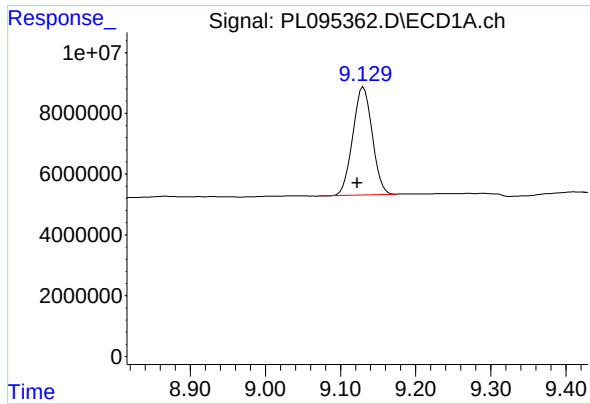
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.006 min
Response: 7400880
Conc: 2.60 ng/ml



#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 9299126
Conc: 2.64 ng/ml



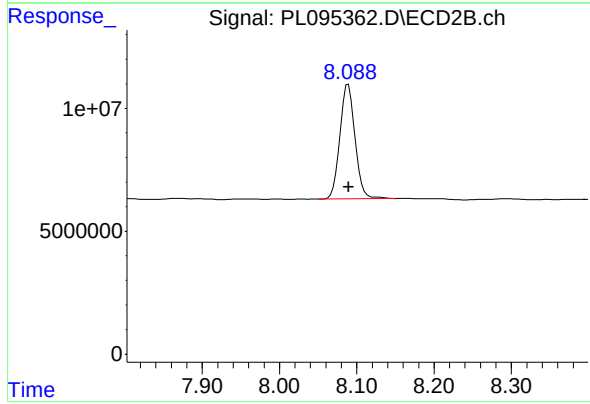
#28 Decachlorobiphenyl

R.T.: 9.130 min
Delta R.T.: 0.008 min
Response: 63745254
Conc: 23.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 63160272
Conc: 21.34 ng/ml