

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050525\
 Data File : PL095523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 11:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/05/2025
 Supervised By : mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 23:07:31 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...	3.599	2.908	59375454	70372279	18.187m	22.131
28)	SA Decachlor...	9.132	8.091	52787969	64960623	19.051	21.952
Target Compounds							
2)	A alpha-BHC	4.052	3.418	42083760	54411628	8.495	12.231 #
3)	MA gamma-BHC...	4.382	3.751	41870884	52151953	8.845m	11.857 #
6)	B beta-BHC	4.569	4.045	18579402	24410300	8.986	11.759 #
12)	B 4,4'-DDE	6.246	5.402	842994	619372	0.215m	0.152m#
14)	MA Endrin	6.627	5.808	149.7E6	202.4E6	46.991m	55.590
16)	A 4,4'-DDD	6.757	5.951	11447572	13637845	4.044m	4.175
17)	MA 4,4'-DDT	7.074	6.206	261.2E6	368.5E6	91.690	107.251
18)	B Endrin al...	6.968	6.278	1145576	2976056	0.494m	1.139m#
20)	A Methoxychlor	7.546	6.775	292.8E6	422.9E6	209.901	221.692m
21)	B Endrin ke...	7.685	7.007	5307730	9122872	1.862	2.591 #

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

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Data File : PL095523.D
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Acq On : 02 May 2025 11:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

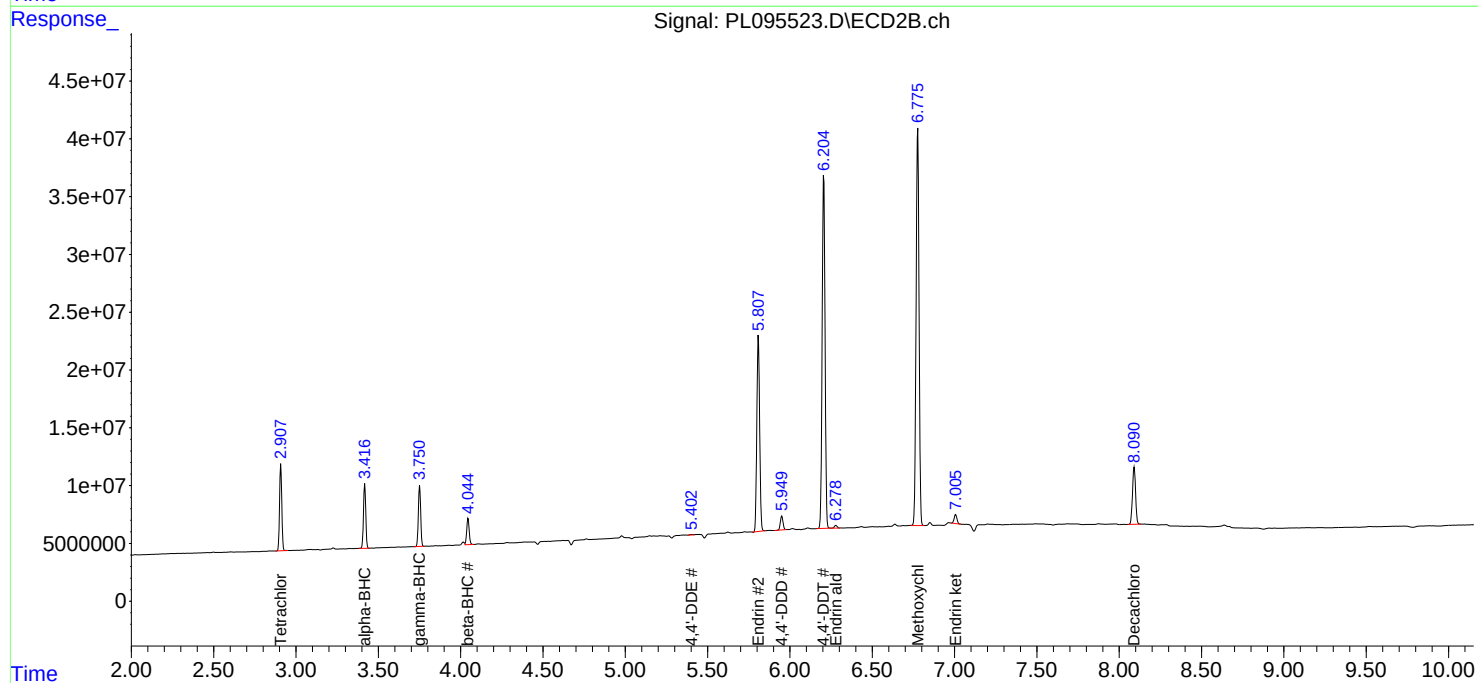
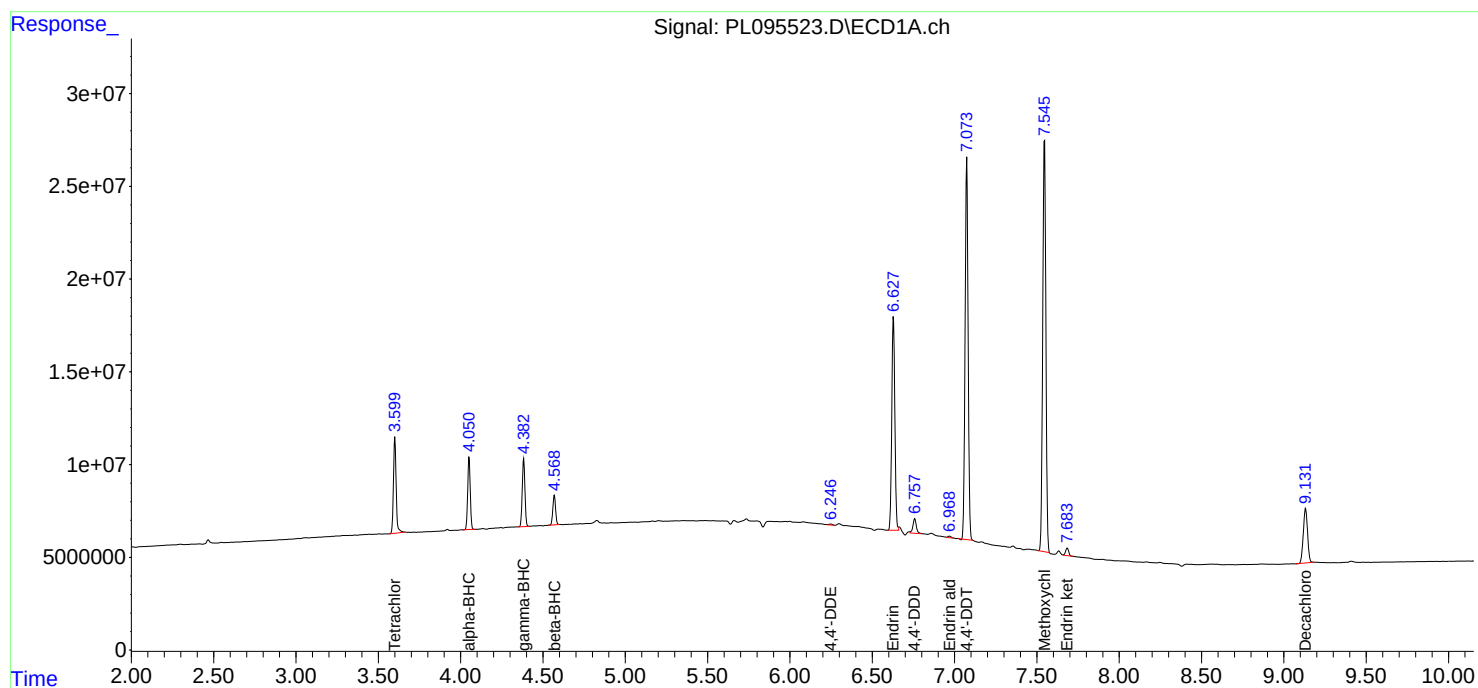
Instrument :
ECD_L
ClientSampleId :
PEM

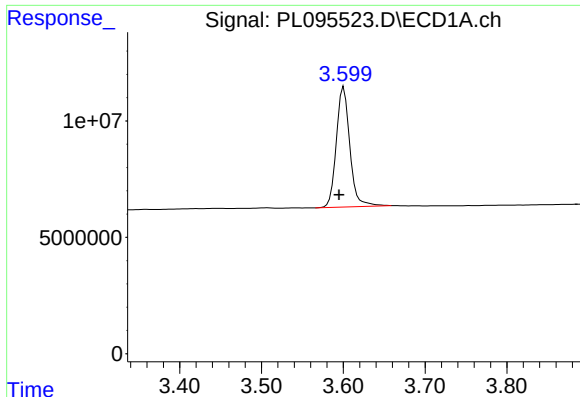
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:07:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
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Volume 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





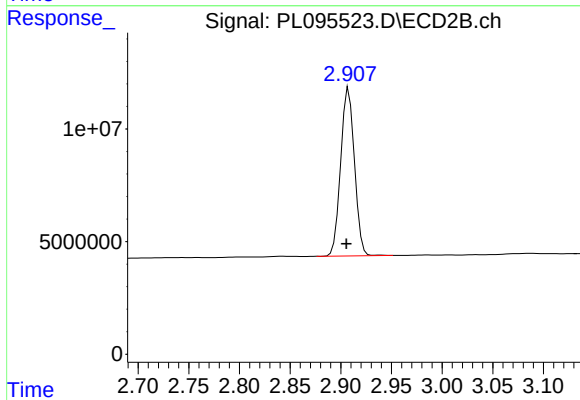
#1 Tetrachloro-m-xylene

R.T.: 3.599 min
Delta R.T.: 0.004 min
Response: 59375454
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

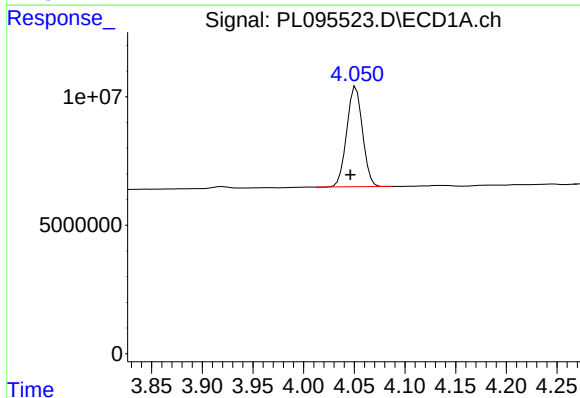
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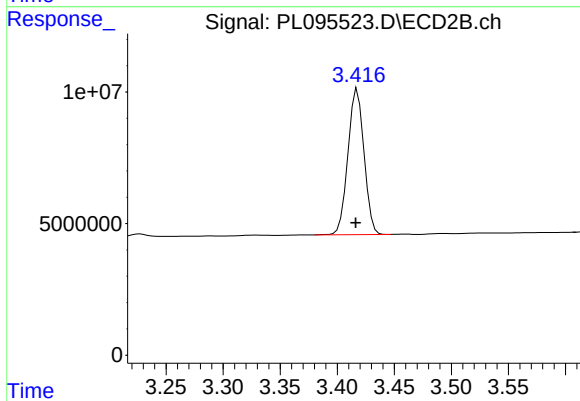
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: 0.002 min
Response: 70372279
Conc: 22.13 ng/ml



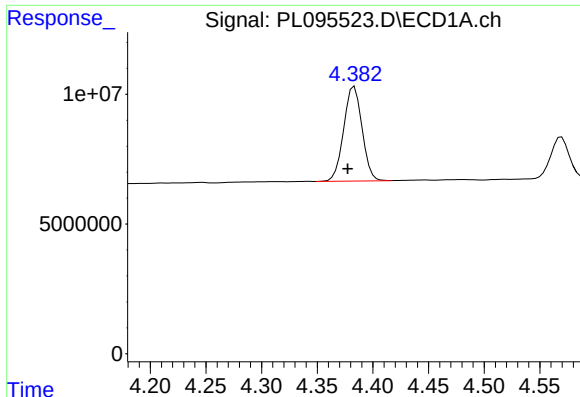
#2 alpha-BHC

R.T.: 4.052 min
Delta R.T.: 0.005 min
Response: 42083760
Conc: 8.50 ng/ml



#2 alpha-BHC

R.T.: 3.418 min
Delta R.T.: 0.002 min
Response: 54411628
Conc: 12.23 ng/ml



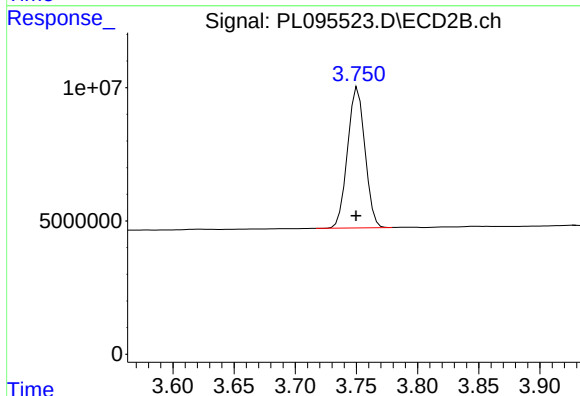
#3 gamma-BHC (Lindane)

R.T.: 4.382 min
Delta R.T.: 0.005 min
Response: 41870884
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

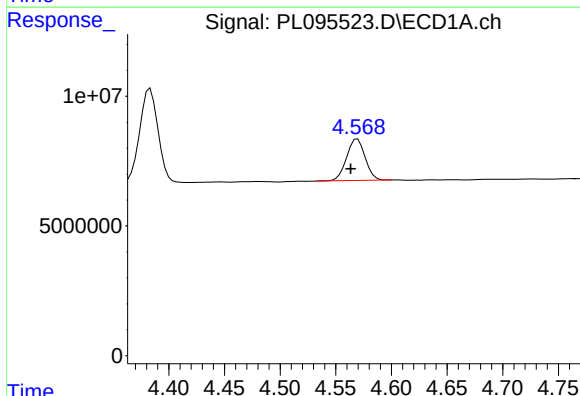
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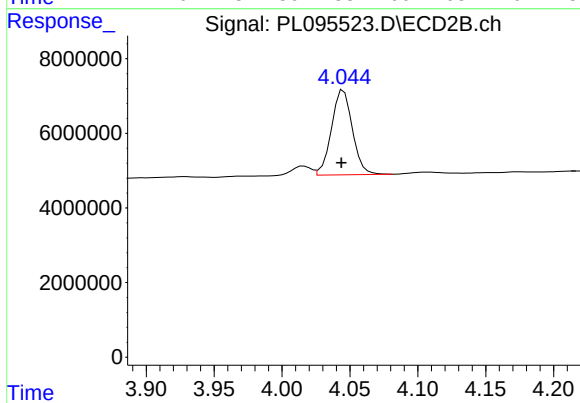
#3 gamma-BHC (Lindane)

R.T.: 3.751 min
Delta R.T.: 0.001 min
Response: 52151953
Conc: 11.86 ng/ml



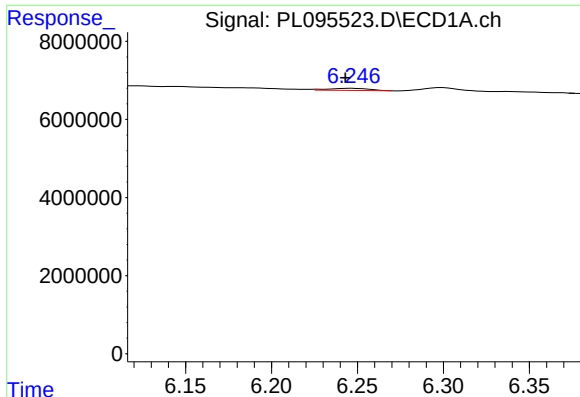
#6 beta-BHC

R.T.: 4.569 min
Delta R.T.: 0.006 min
Response: 18579402
Conc: 8.99 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: 0.002 min
Response: 24410300
Conc: 11.76 ng/ml



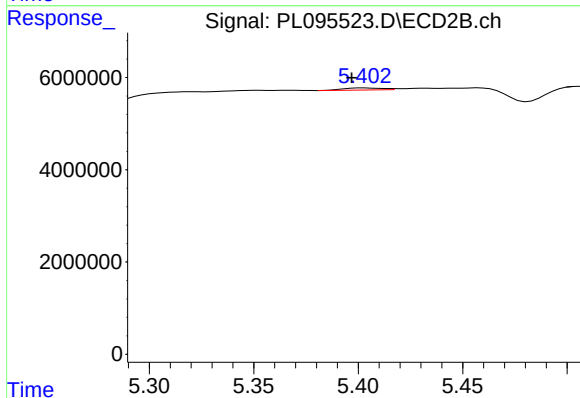
#12 4,4'-DDE

R.T.: 6.246 min
Delta R.T.: 0.003 min
Response: 842994
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

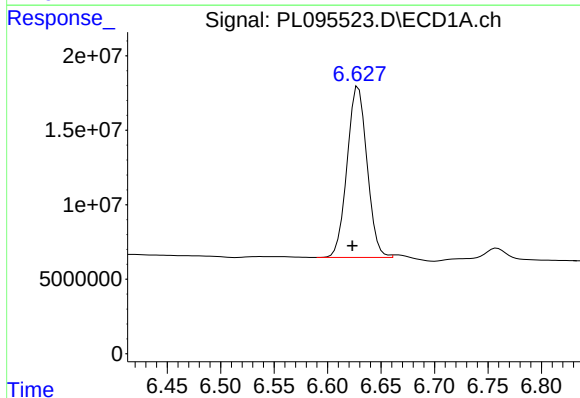
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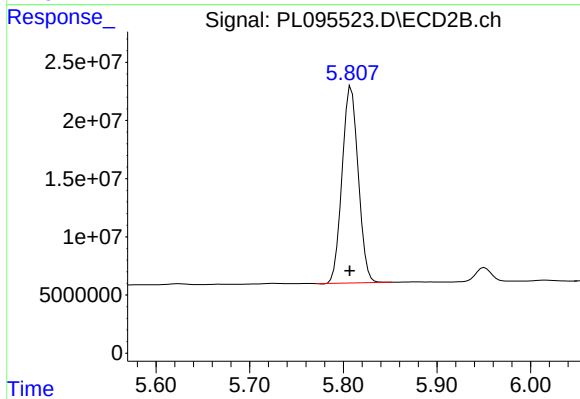
#12 4,4'-DDE

R.T.: 5.402 min
Delta R.T.: 0.005 min
Response: 619372
Conc: 0.15 ng/ml m



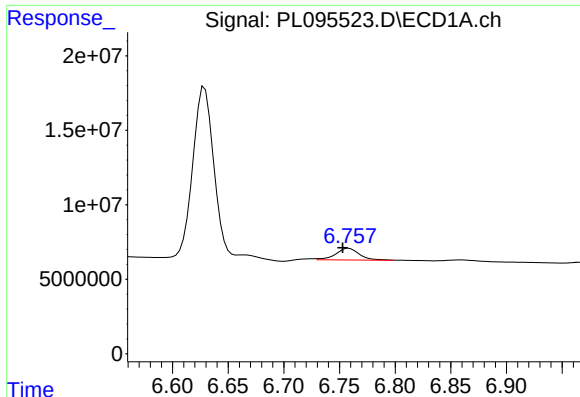
#14 Endrin

R.T.: 6.627 min
Delta R.T.: 0.004 min
Response: 149655919
Conc: 46.99 ng/ml m



#14 Endrin

R.T.: 5.808 min
Delta R.T.: 0.002 min
Response: 202386161
Conc: 55.59 ng/ml



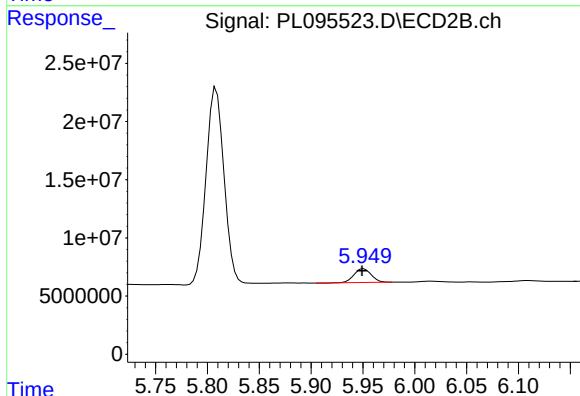
#16 4,4'-DDD

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 11447572
Conc: 4.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

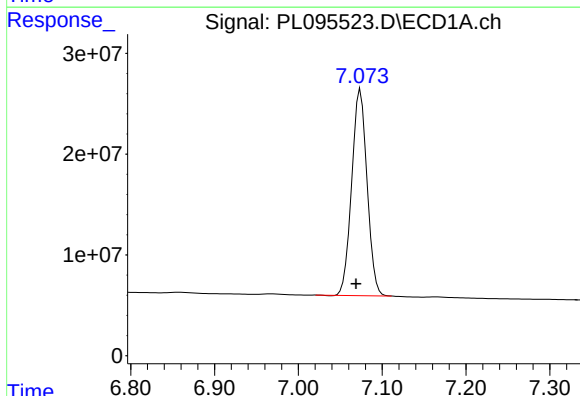
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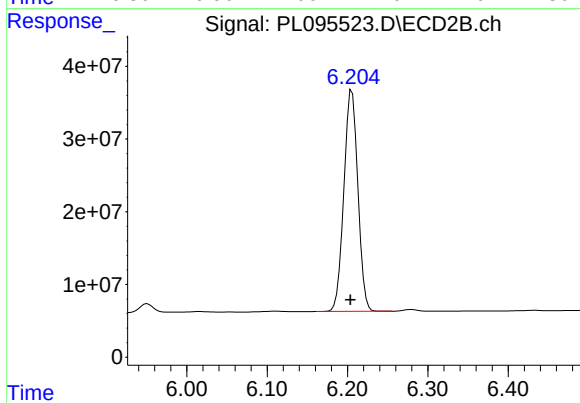
#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 13637845
Conc: 4.17 ng/ml



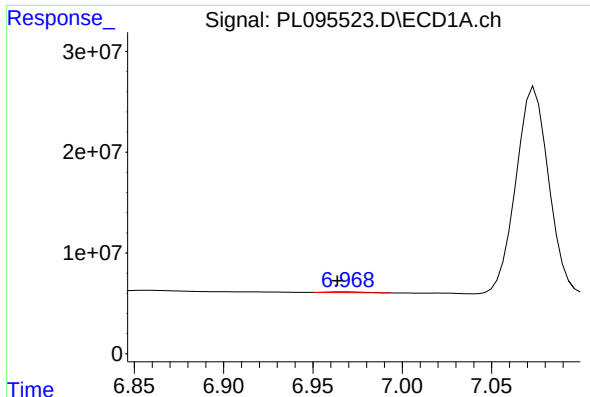
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.005 min
Response: 261186512
Conc: 91.69 ng/ml



#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 368534584
Conc: 107.25 ng/ml



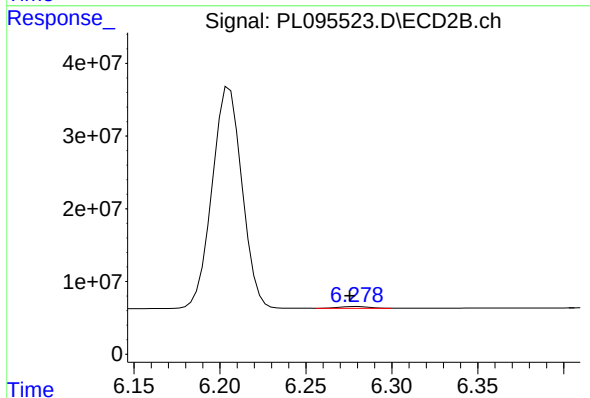
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 1145576
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

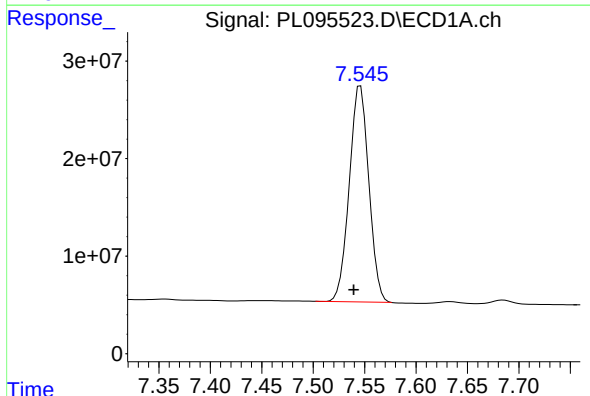
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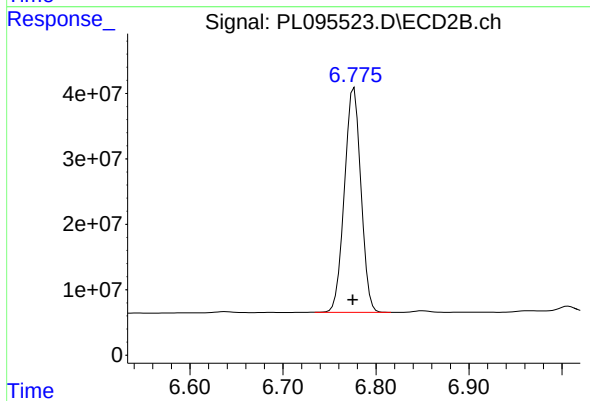
#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 2976056
Conc: 1.14 ng/ml m



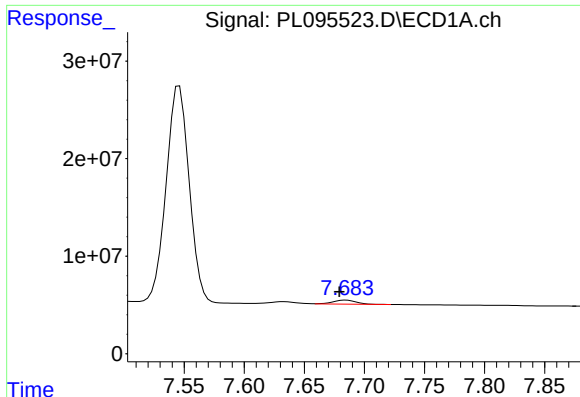
#20 Methoxychlor

R.T.: 7.546 min
Delta R.T.: 0.006 min
Response: 292839905
Conc: 209.90 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 422861968
Conc: 221.69 ng/ml m



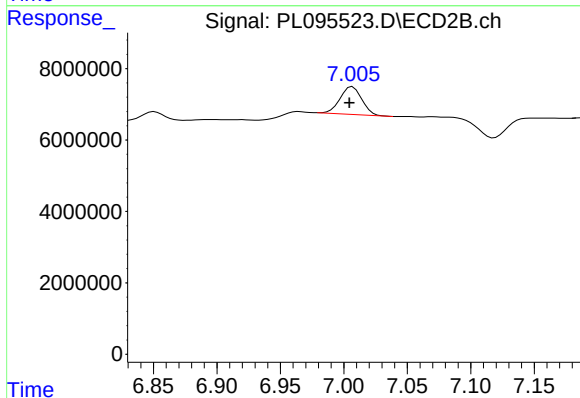
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.005 min
Response: 5307730
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

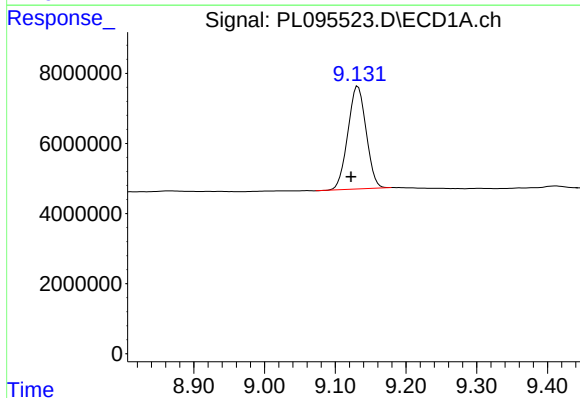
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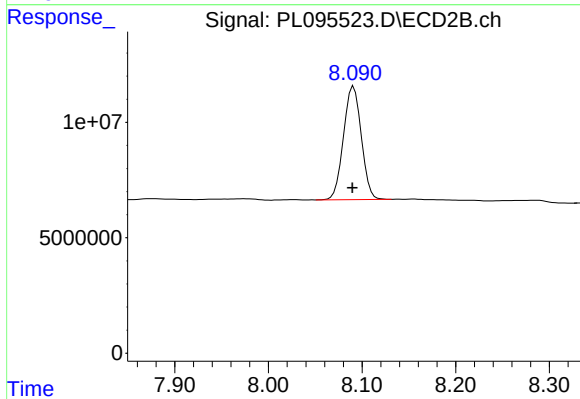
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 9122872
Conc: 2.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.132 min
Delta R.T.: 0.010 min
Response: 52787969
Conc: 19.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.002 min
Response: 64960623
Conc: 21.95 ng/ml