

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 10:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 12:00:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.536	2.768	64719693	79013599	23.592	21.233
28)	SA Decachlor...	9.053	7.900	56106985	99626275	23.303	22.647
Target Compounds							
2)	A alpha-BHC	3.992	3.270	50062014	56952098	12.456	10.285
3)	MA gamma-BHC...	4.325	3.600	48346776	51030240	12.572	9.696
6)	B beta-BHC	4.524	3.900	21486388	25301290	12.255	10.919
14)	MA Endrin	6.570	5.628	151.3E6	222.1E6	58.069m	53.158
16)	A 4,4'-DDD	6.710	5.776	1345902	1819145	0.530m	0.468m
17)	MA 4,4'-DDT	7.022	6.025	288.2E6	491.1E6	113.208	117.880
18)	B Endrin al...	6.920	6.102	3343417	8297891	1.519m	2.462 #
20)	A Methoxychlor	7.499	6.599	341.8E6	599.2E6	255.198	266.840m
21)	B Endrin ke...	7.642	6.828	6057421	10666444	2.098	2.115m

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

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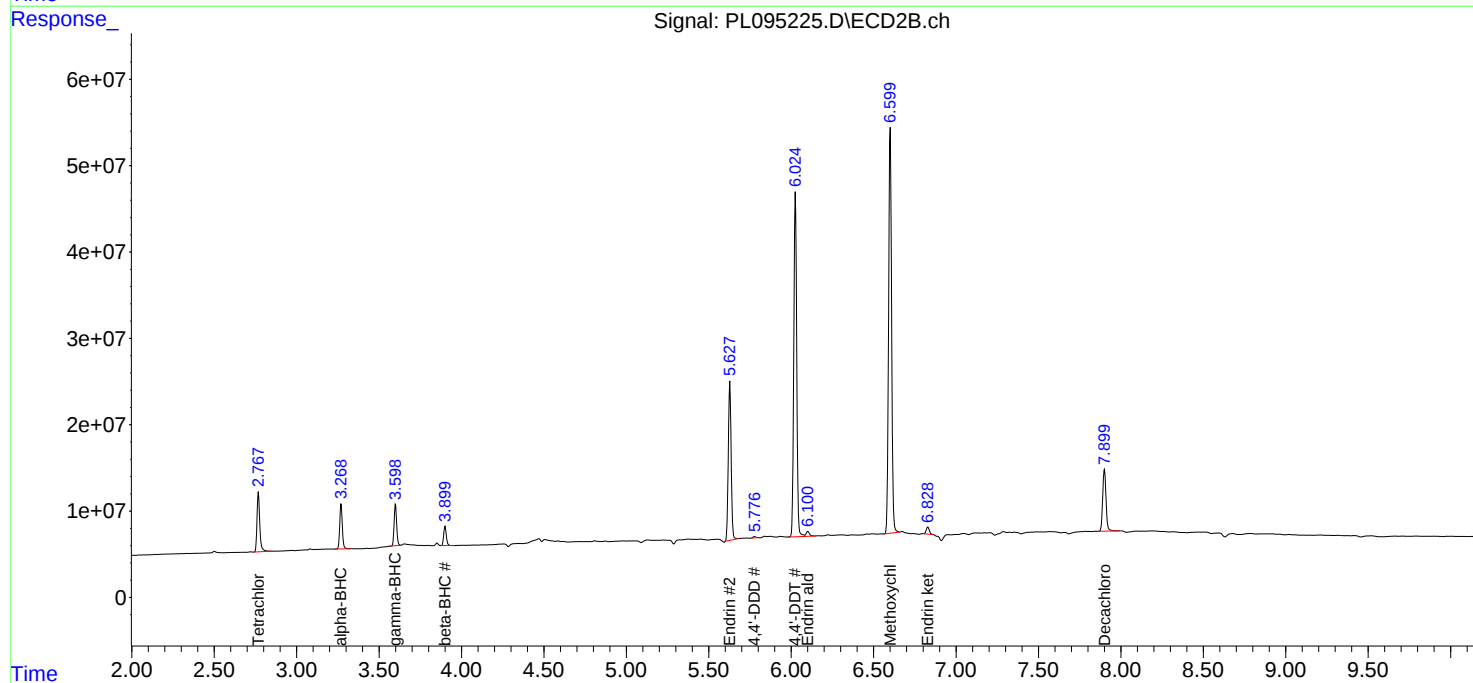
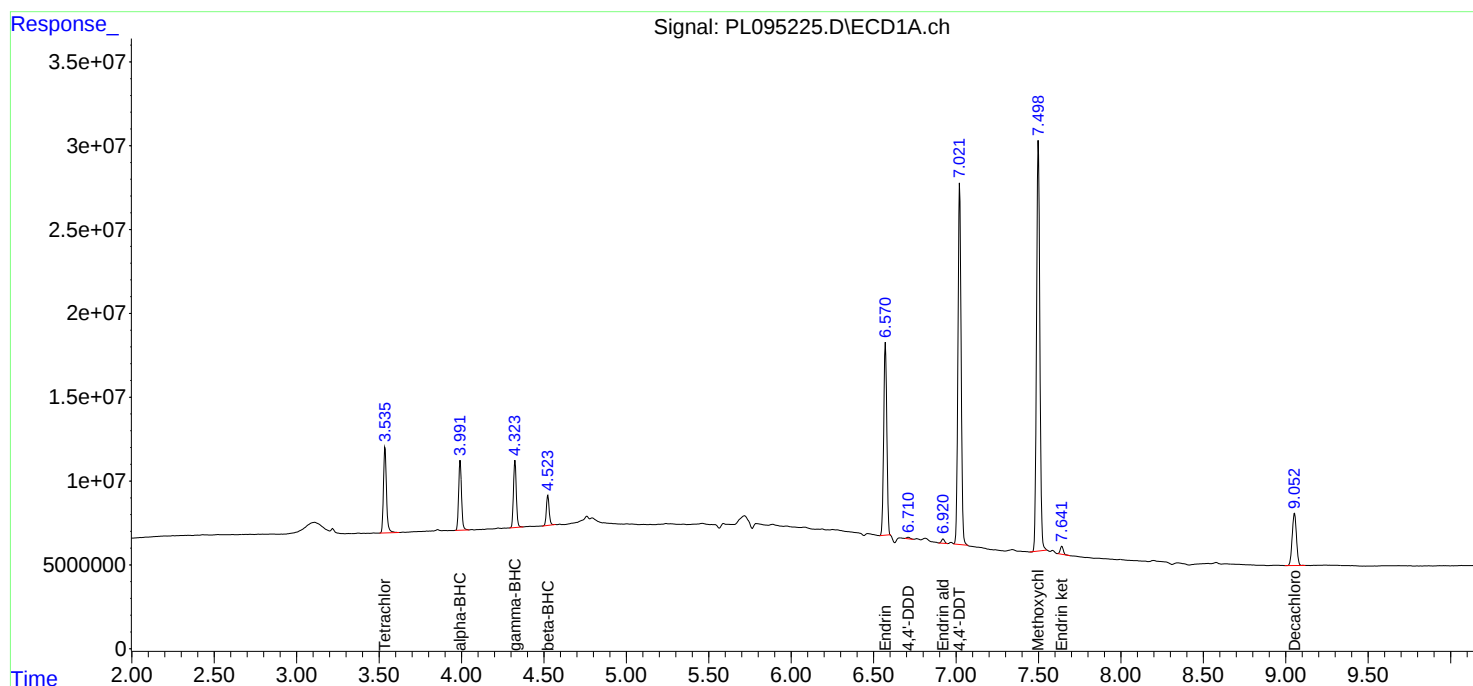
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ECD_L
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PEM

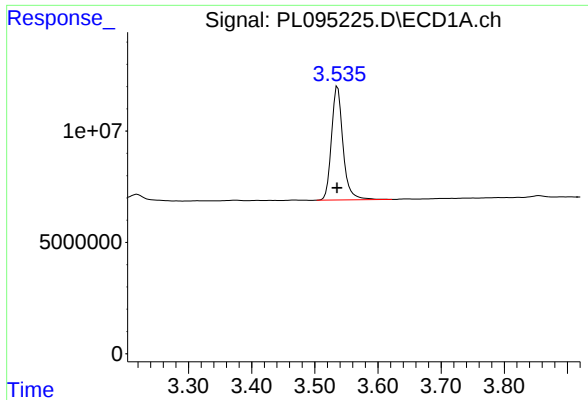
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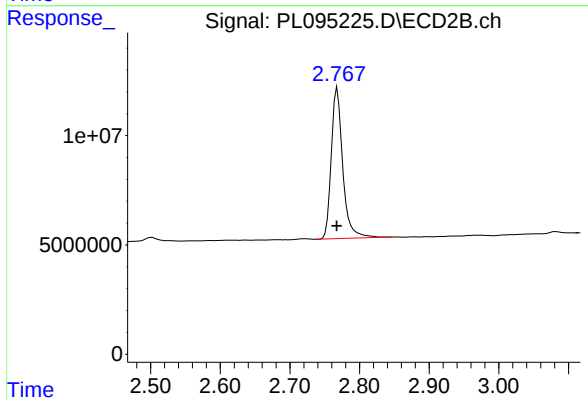
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 64719693
Conc: 23.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

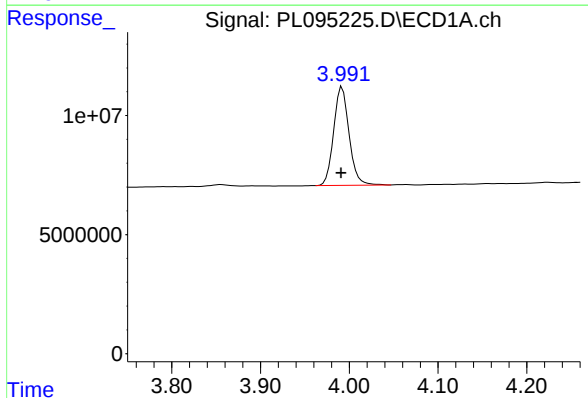
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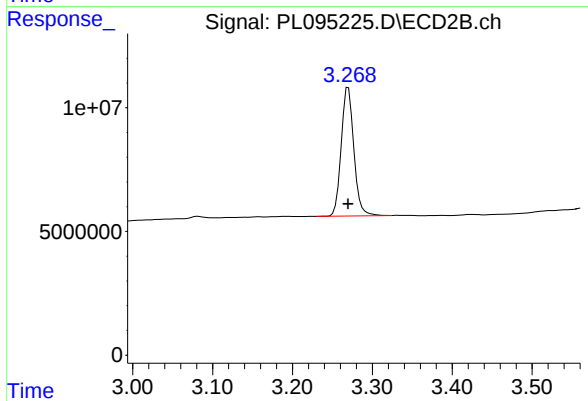
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 79013599
Conc: 21.23 ng/ml



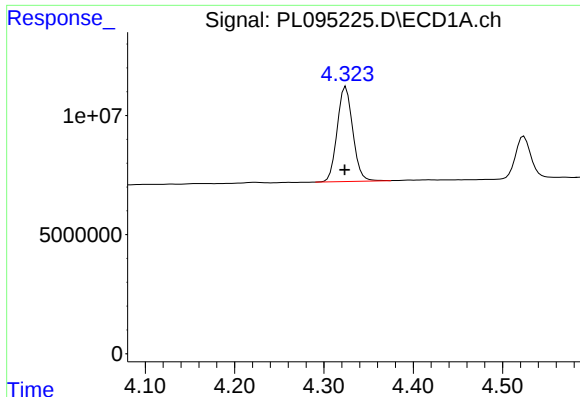
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 50062014
Conc: 12.46 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 56952098
Conc: 10.28 ng/ml



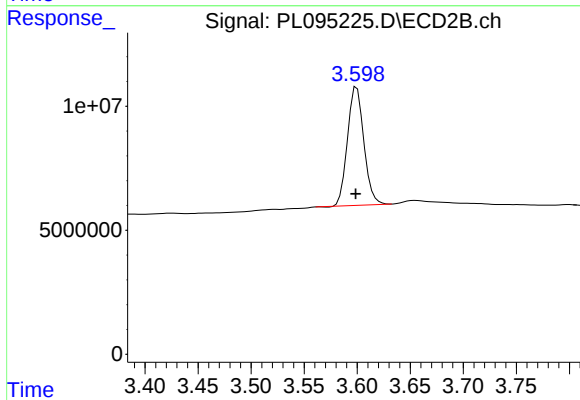
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 48346776
Conc: 12.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

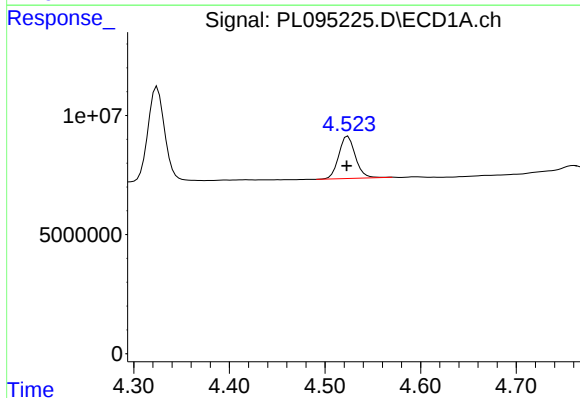
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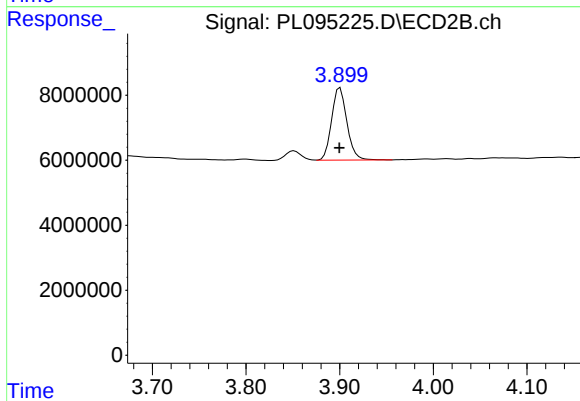
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 51030240
Conc: 9.70 ng/ml



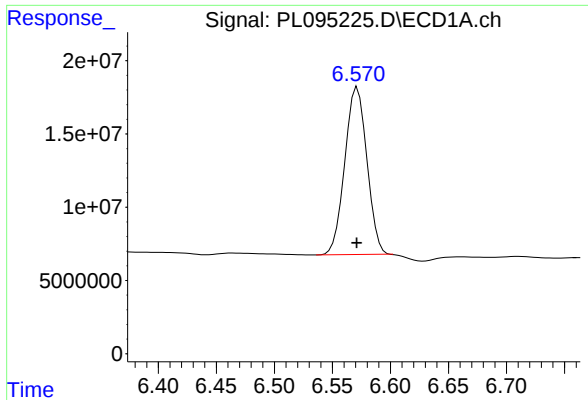
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 21486388
Conc: 12.25 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 25301290
Conc: 10.92 ng/ml



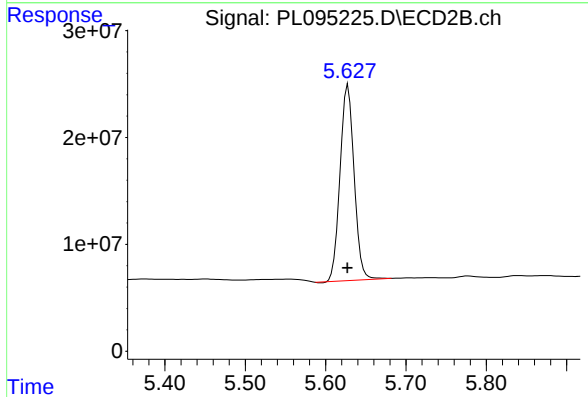
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 151335755
Conc: 58.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

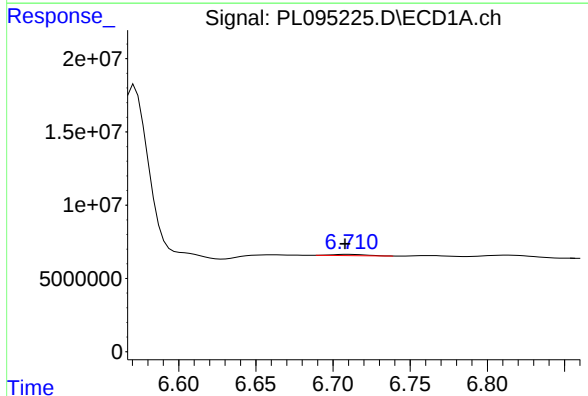
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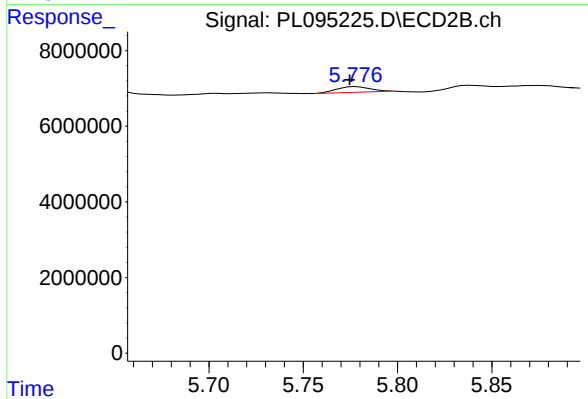
#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 222064437
Conc: 53.16 ng/ml



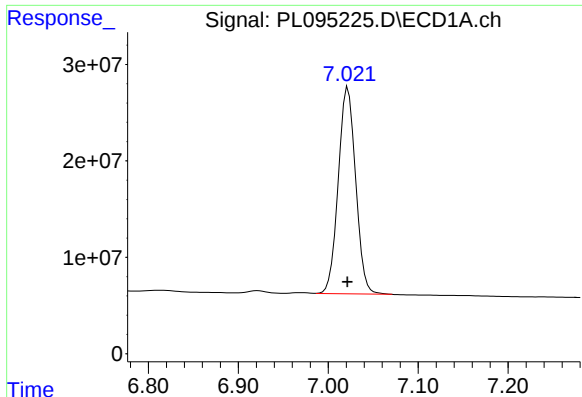
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 1345902
Conc: 0.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 1819145
Conc: 0.47 ng/ml m



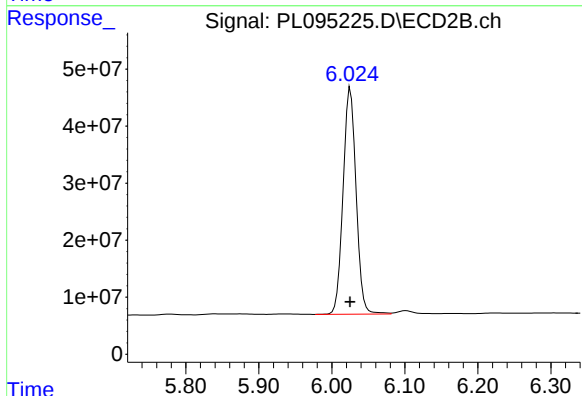
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 288175848
Conc: 113.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

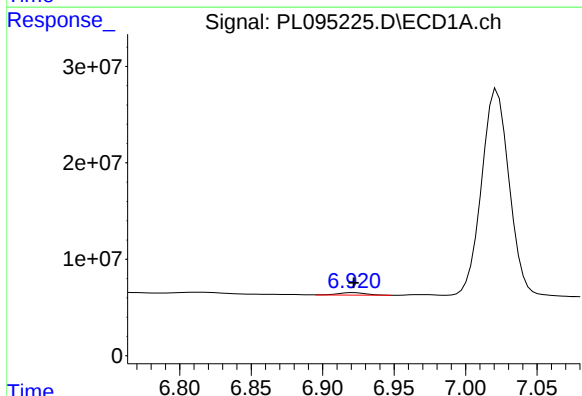
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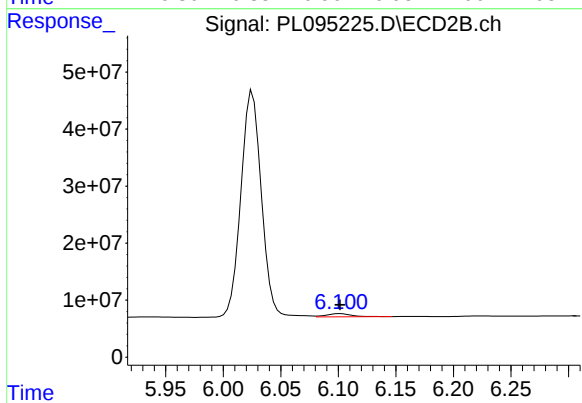
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 491081806
Conc: 117.88 ng/ml



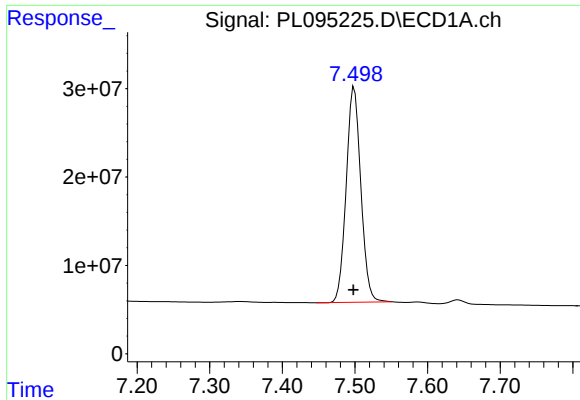
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 3343417
Conc: 1.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 8297891
Conc: 2.46 ng/ml



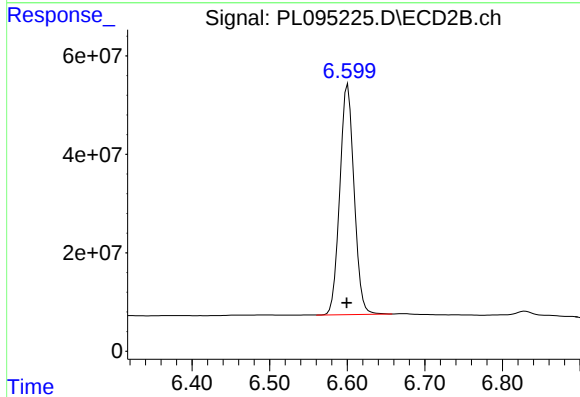
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 341821994
Conc: 255.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

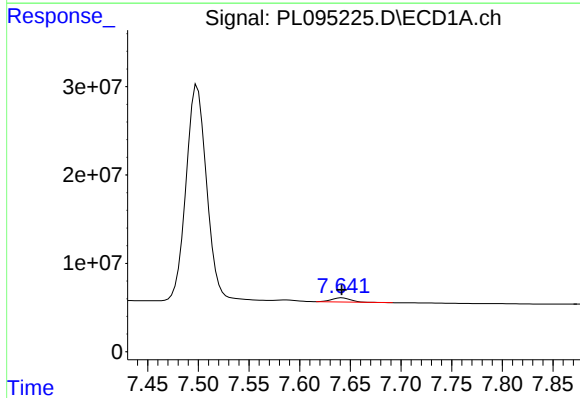
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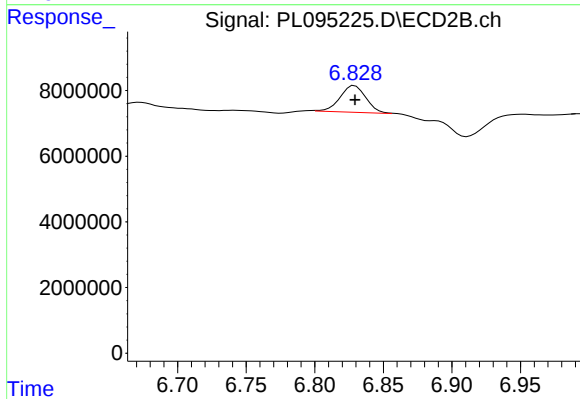
#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 599240465
Conc: 266.84 ng/ml m



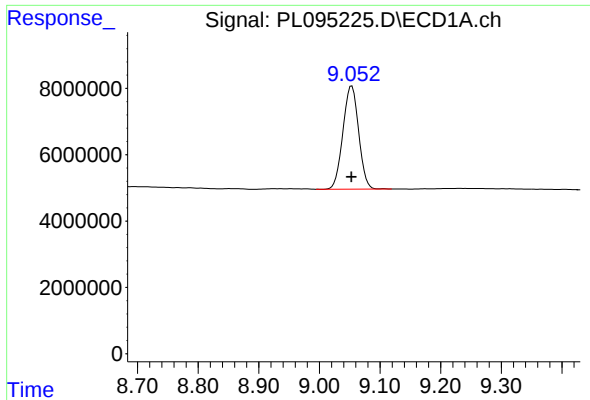
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 6057421
Conc: 2.10 ng/ml



#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 10666444
Conc: 2.12 ng/ml m



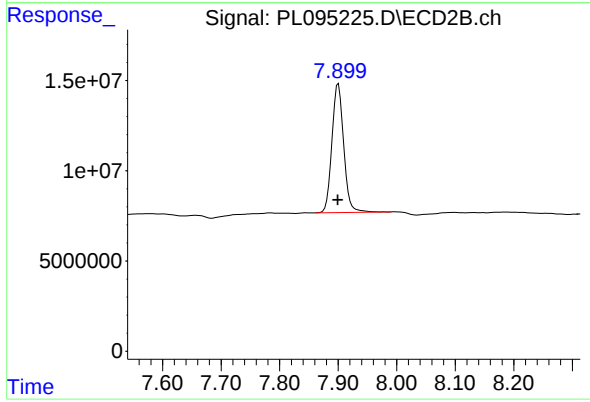
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 56106985
Conc: 23.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 99626275
Conc: 22.65 ng/ml