

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 09:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 11:49:51 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...	3.537	2.769	61214495	78019145	22.314	20.966
28)	SA Decachlor...	9.052	7.898	51528294	91549661	21.401	20.811
Target Compounds							
2)	A alpha-BHC	3.993	3.271	47188146	56322607	11.741	10.171
3)	MA gamma-BHC...	4.325	3.600	45354378	53342499	11.794	10.135
6)	B beta-BHC	4.524	3.901	20762991	26338047	11.842	11.367
14)	MA Endrin	6.571	5.628	132.3E6	219.9E6	50.760	52.631
16)	A 4,4'-DDD	6.707	5.776	7217945	9343302	2.843	2.402
17)	MA 4,4'-DDT	7.022	6.025	245.5E6	452.4E6	96.452	108.586
18)	B Endrin al...	6.919	6.102	3975266	7521010	1.806m	2.232
20)	A Methoxychlor	7.498	6.600	294.1E6	542.6E6	219.557	241.604
21)	B Endrin ke...	7.640	6.829	8833329	15483257	3.060	3.071

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

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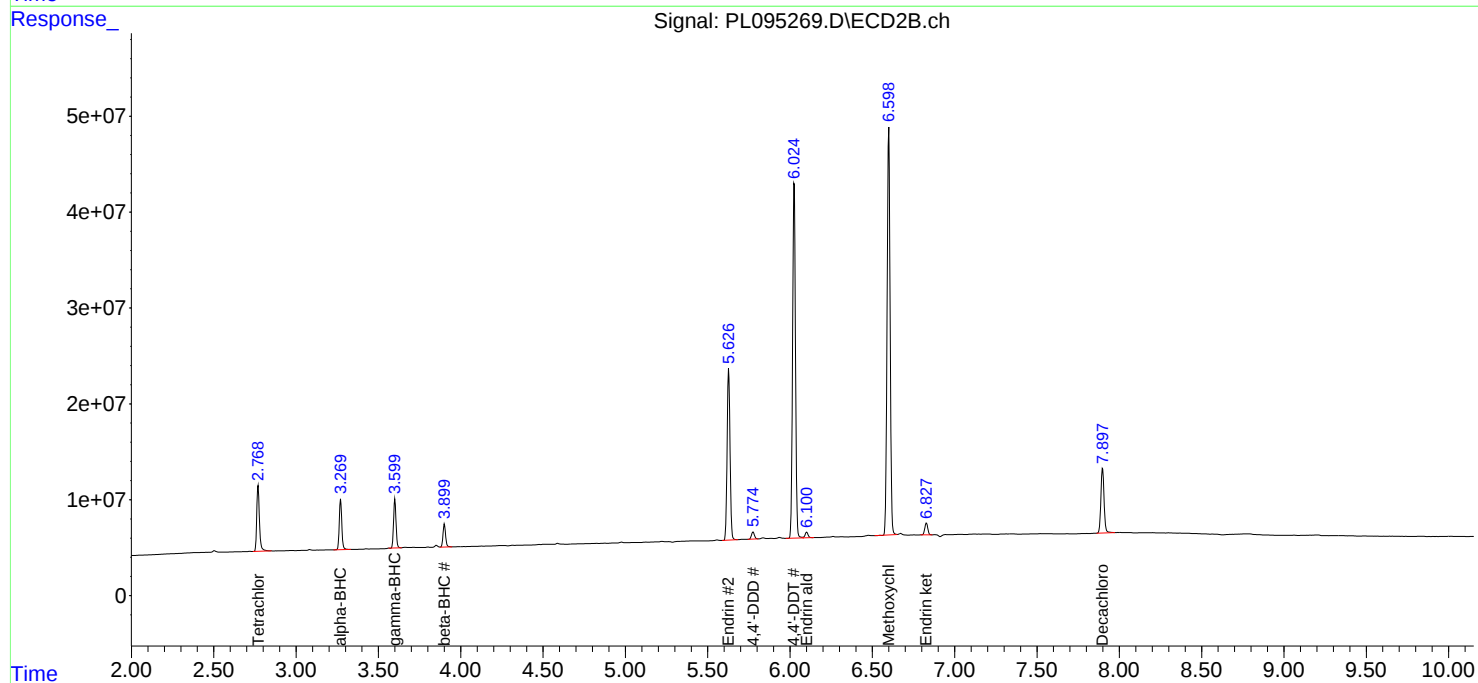
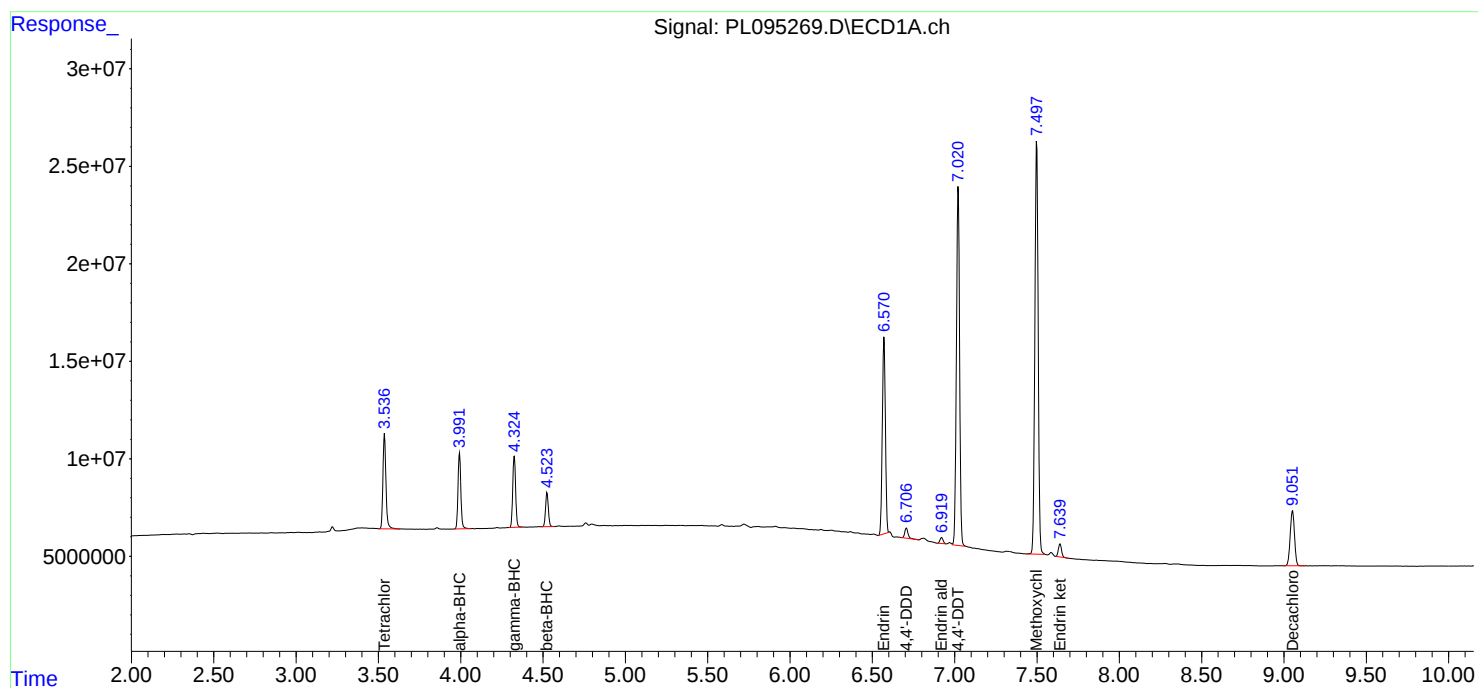
Instrument :
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PEM

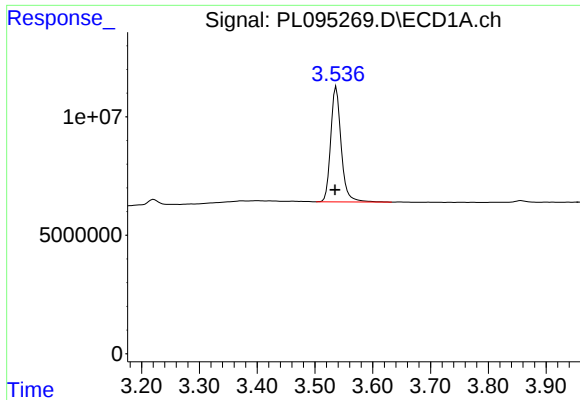
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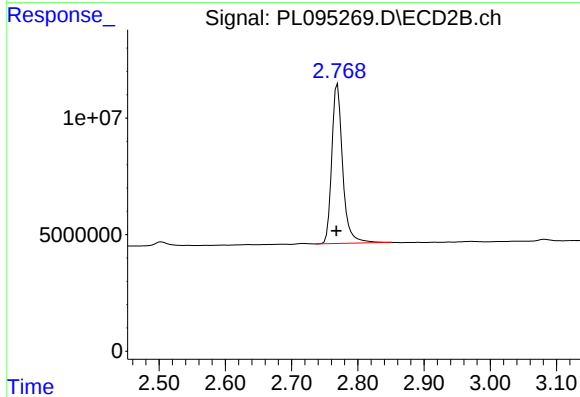
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 61214495
Conc: 22.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

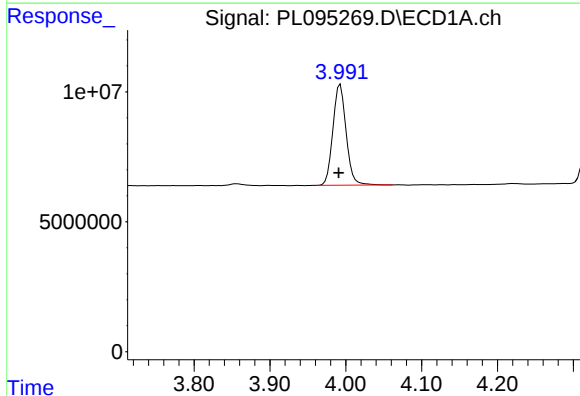
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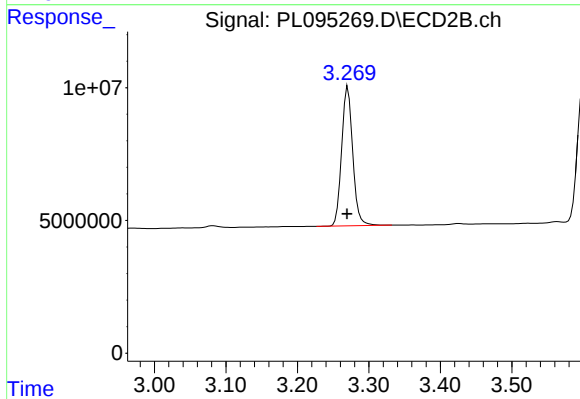
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.002 min
Response: 78019145
Conc: 20.97 ng/ml



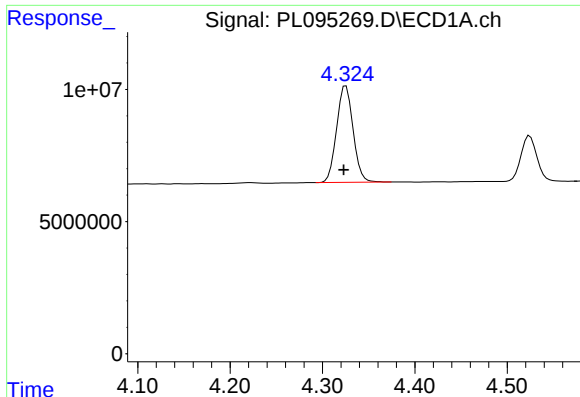
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 47188146
Conc: 11.74 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.001 min
Response: 56322607
Conc: 10.17 ng/ml



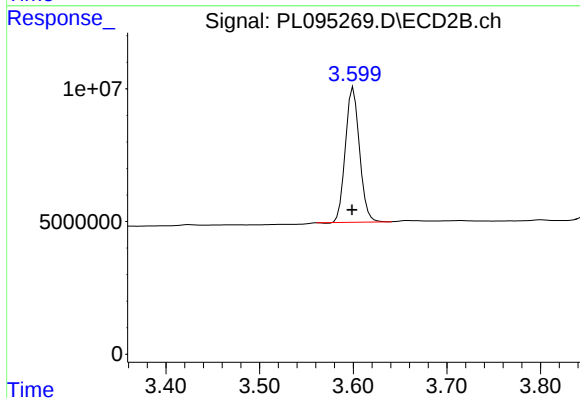
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 45354378
Conc: 11.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

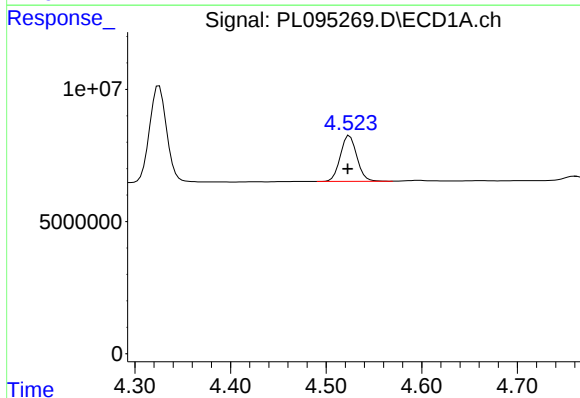
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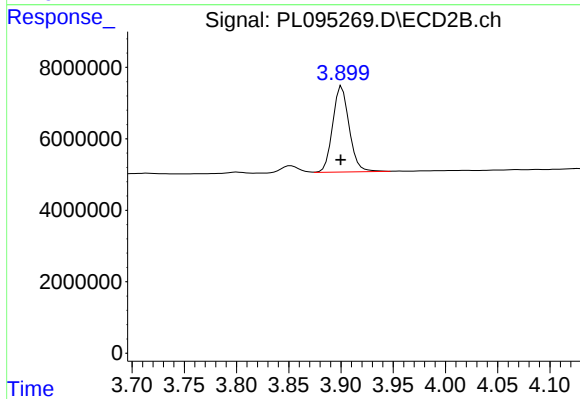
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.002 min
Response: 53342499
Conc: 10.14 ng/ml



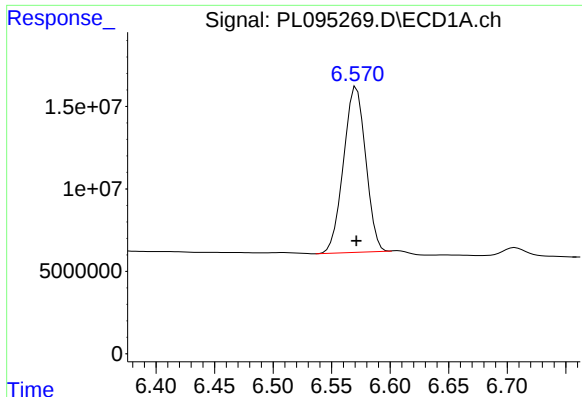
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 20762991
Conc: 11.84 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.001 min
Response: 26338047
Conc: 11.37 ng/ml



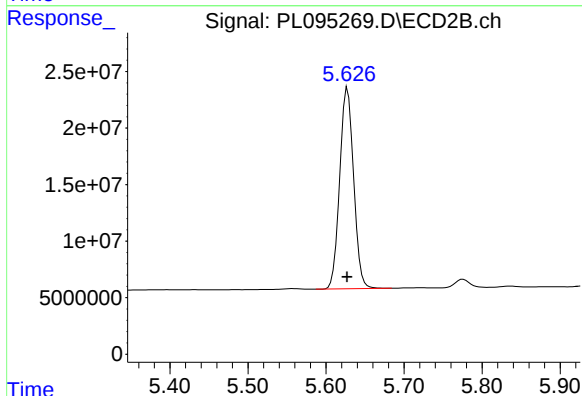
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 132286071
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

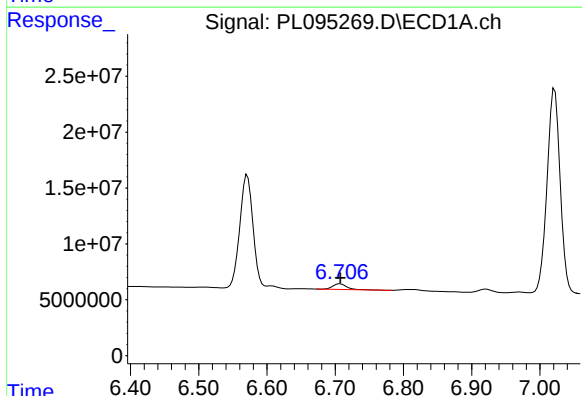
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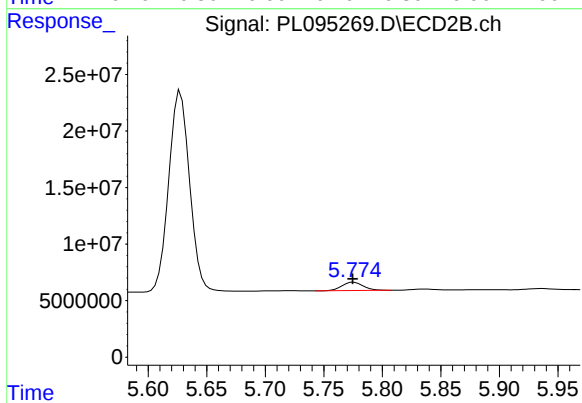
#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 219861584
Conc: 52.63 ng/ml



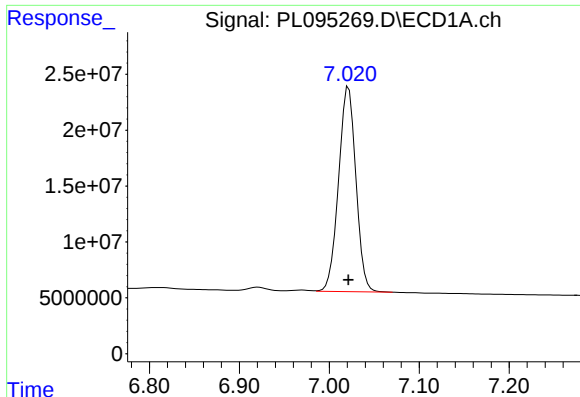
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 7217945
Conc: 2.84 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 9343302
Conc: 2.40 ng/ml



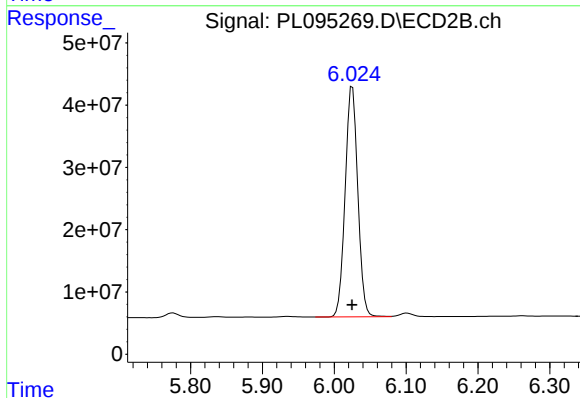
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 245522727
Conc: 96.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

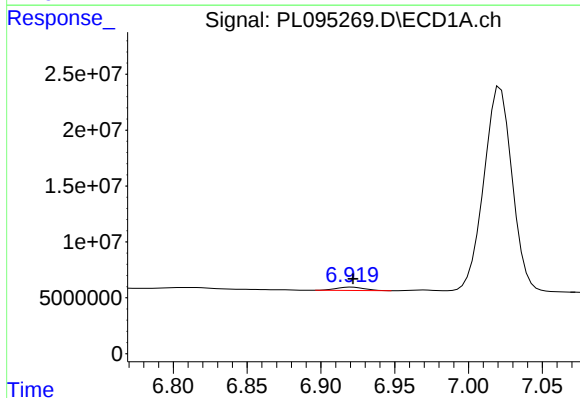
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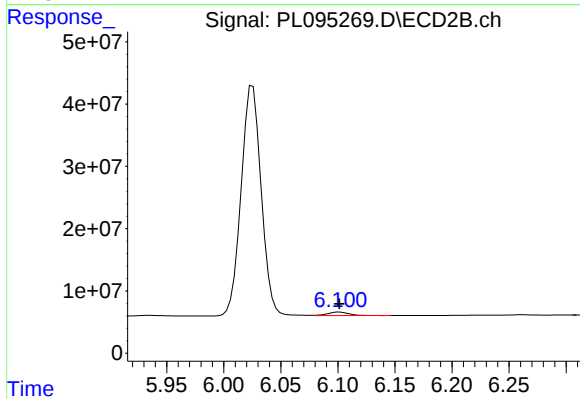
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 452363295
Conc: 108.59 ng/ml



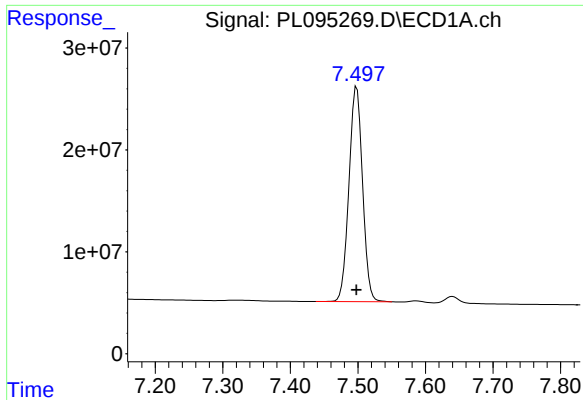
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 3975266
Conc: 1.81 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 7521010
Conc: 2.23 ng/ml



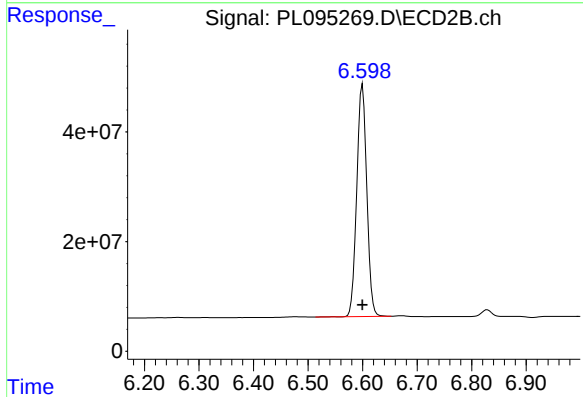
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 294082990
Conc: 219.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

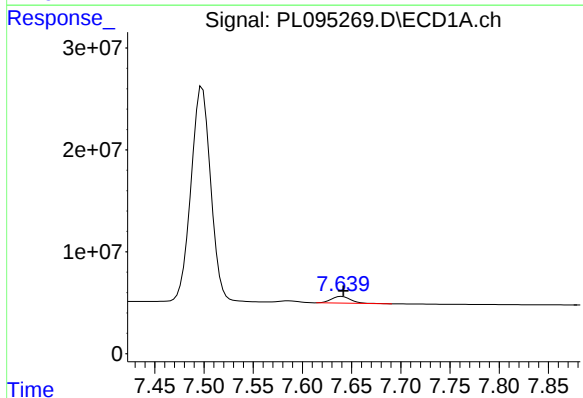
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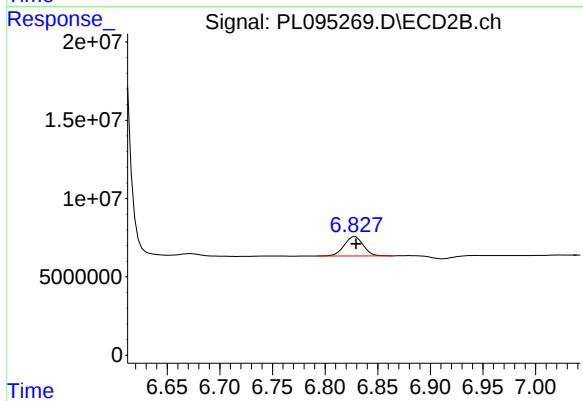
#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 542568888
Conc: 241.60 ng/ml



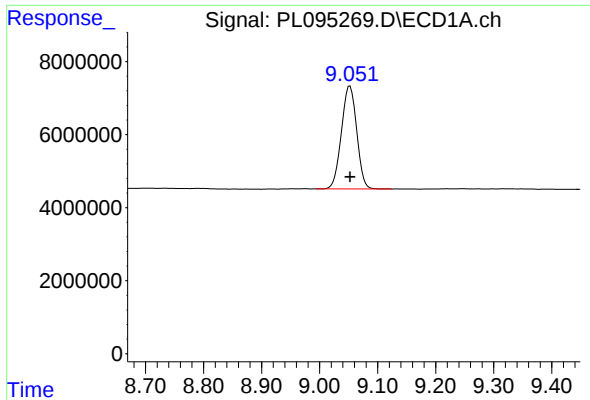
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 8833329
Conc: 3.06 ng/ml



#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 15483257
Conc: 3.07 ng/ml



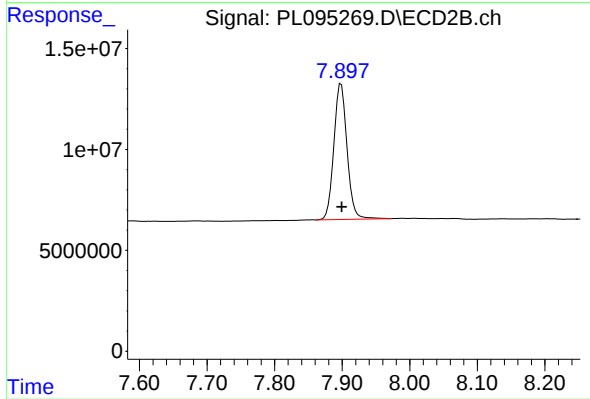
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 51528294
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 91549661
Conc: 20.81 ng/ml