

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 12:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 13:16:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.769	56929896	75053181	20.112	21.028
28)	SA Decachlor...	9.054	7.904	51335806	89781735	24.359	22.227
Target Compounds							
2)	A alpha-BHC	3.992	3.271	42981554	54340389	10.351	10.079
3)	MA gamma-BHC...	4.325	3.601	41989357	51700035	10.523	10.059
6)	B beta-BHC	4.524	3.902	20201113	24925230	10.948	11.221
14)	MA Endrin	6.573	5.631	130.6E6	218.9E6	47.127	50.171
16)	A 4,4'-DDD	6.707	5.779	1274848	2391259	0.589m	0.665m
17)	MA 4,4'-DDT	7.023	6.029	242.3E6	459.1E6	101.864	113.852
18)	B Endrin al...	6.921	6.105	3250318	7819287	1.540m	2.323 #
20)	A Methoxychlor	7.500	6.604	306.0E6	567.5E6	255.625	267.576
21)	B Endrin ke...	7.643	6.831	7287000	10746311	2.757	2.252m

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

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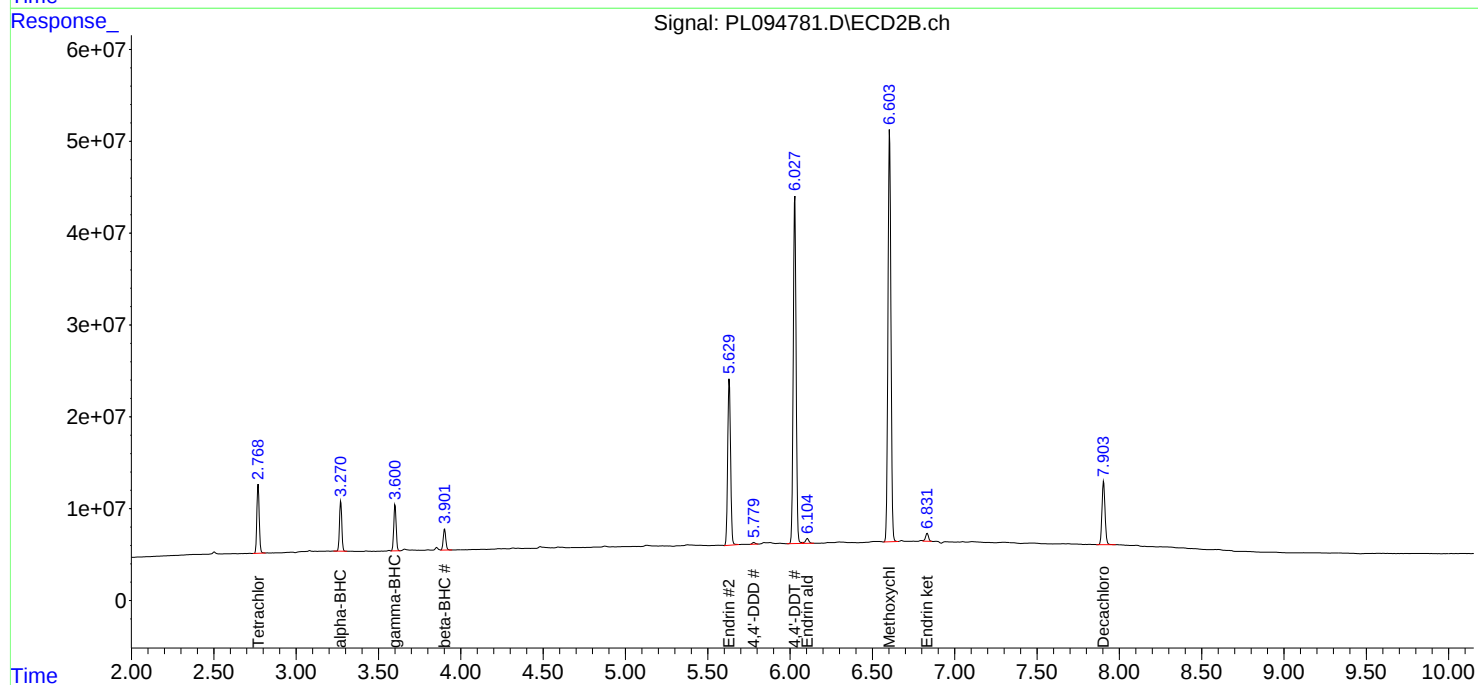
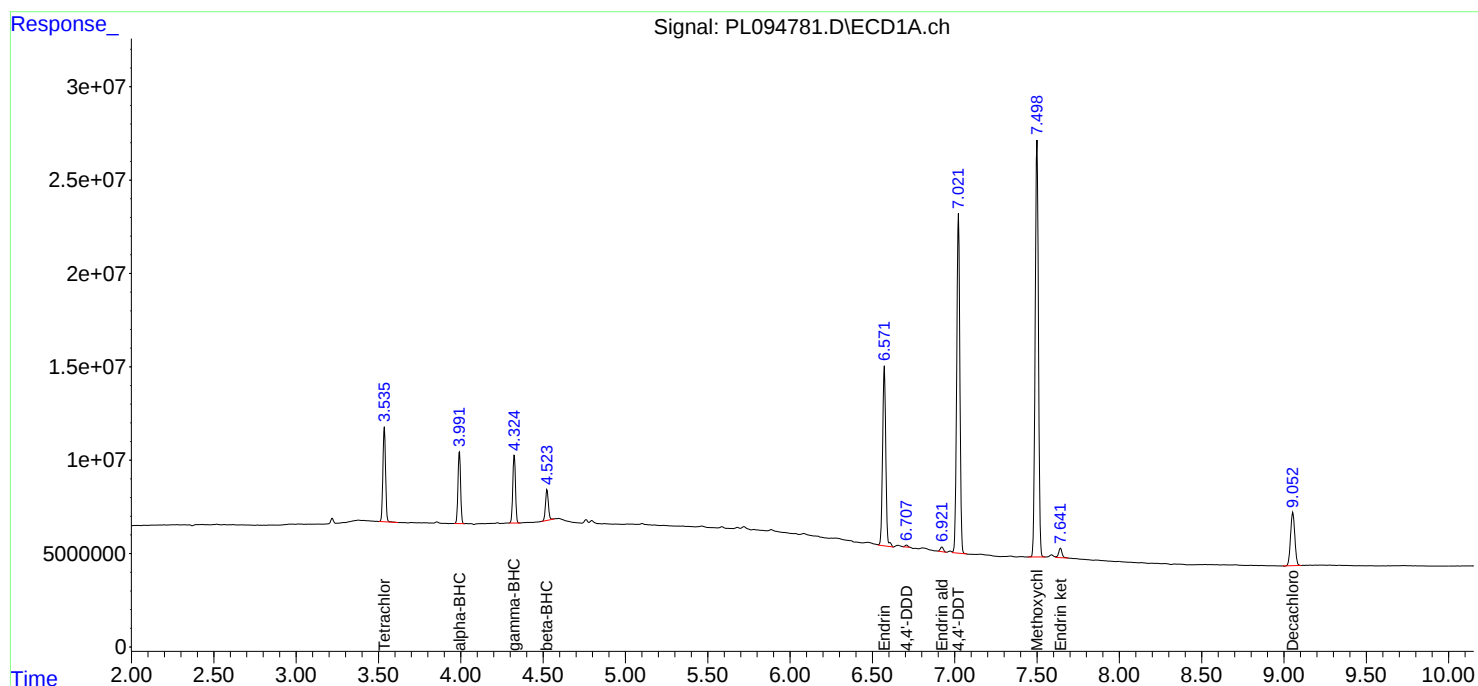
Instrument :
ECD_L
ClientSampleId :
PEM

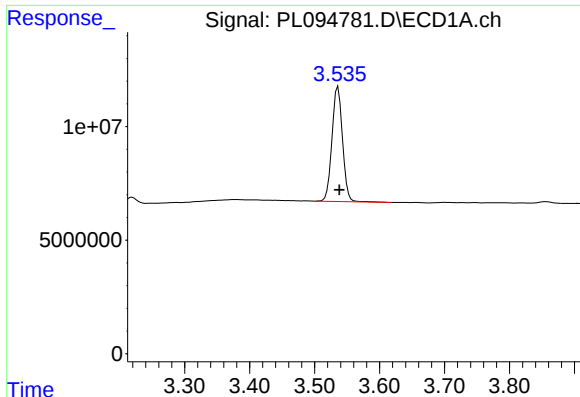
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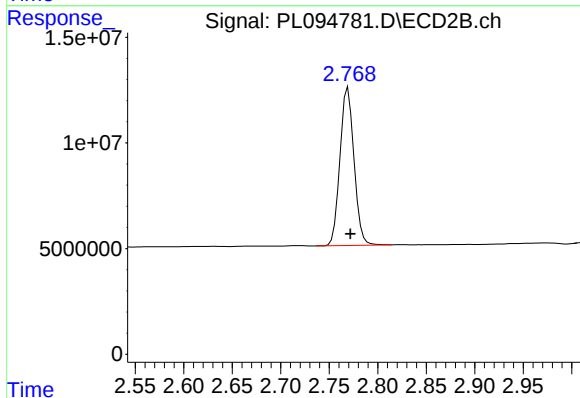
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 56929896
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

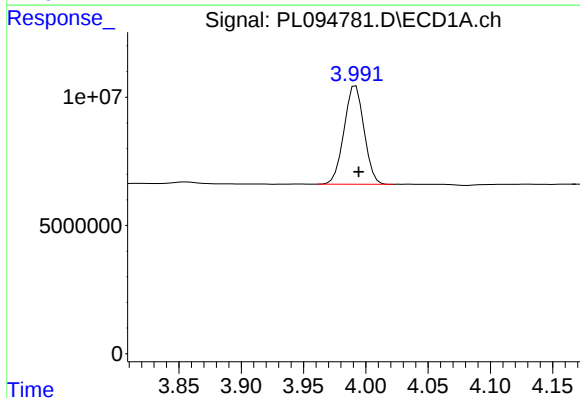
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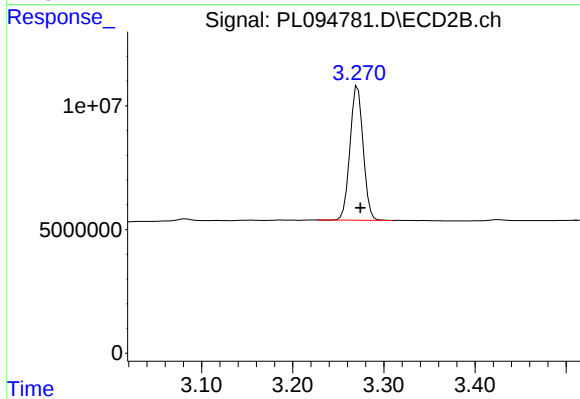
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 75053181
Conc: 21.03 ng/ml



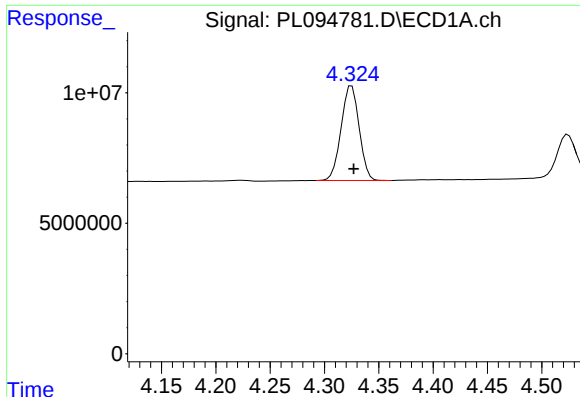
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 42981554
Conc: 10.35 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 54340389
Conc: 10.08 ng/ml



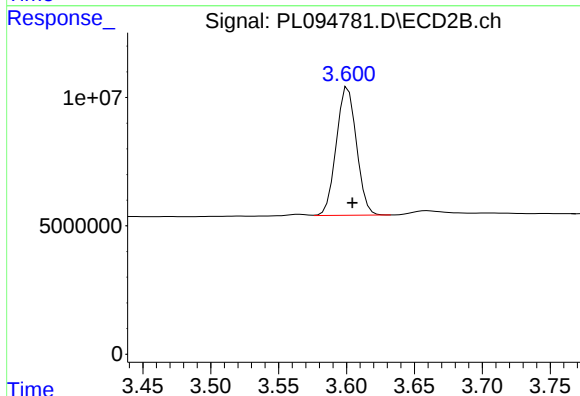
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 41989357
Conc: 10.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

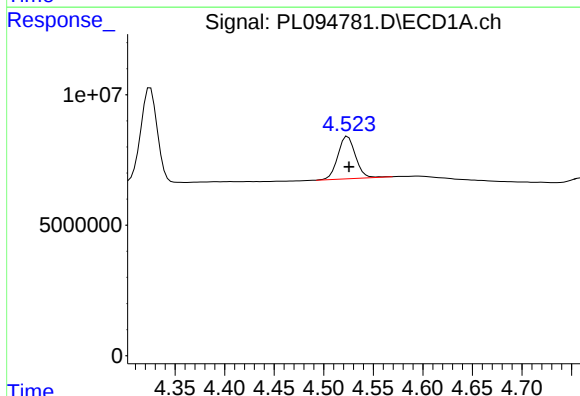
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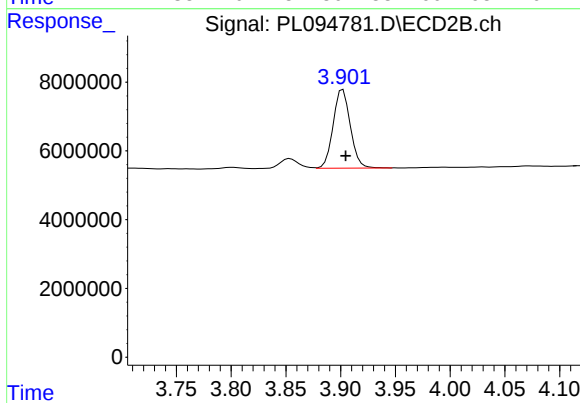
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 51700035
Conc: 10.06 ng/ml



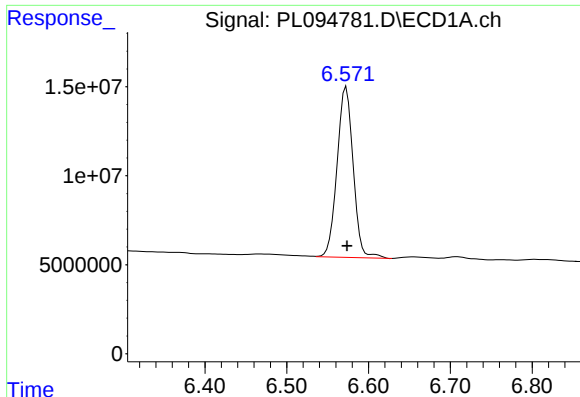
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 20201113
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 24925230
Conc: 11.22 ng/ml



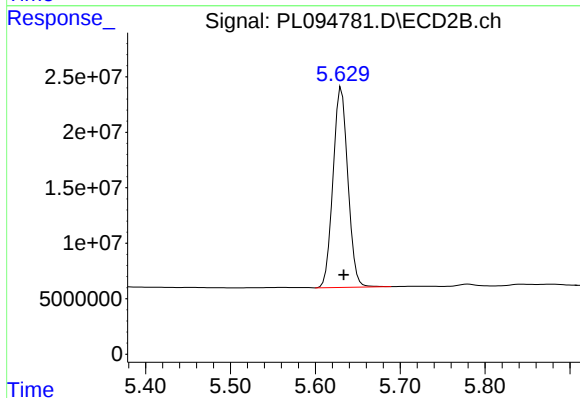
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 130639083
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

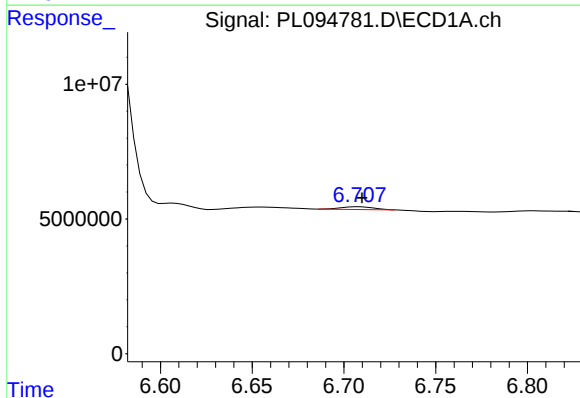
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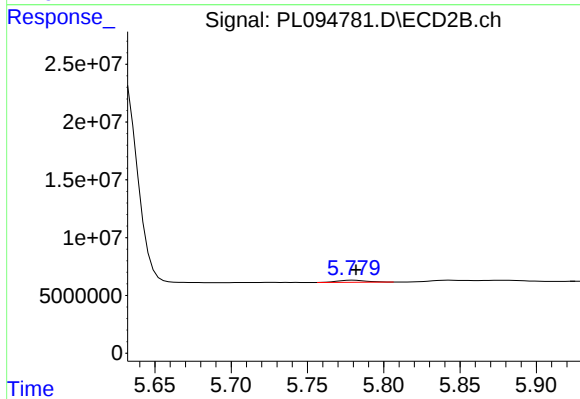
#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 218930662
Conc: 50.17 ng/ml



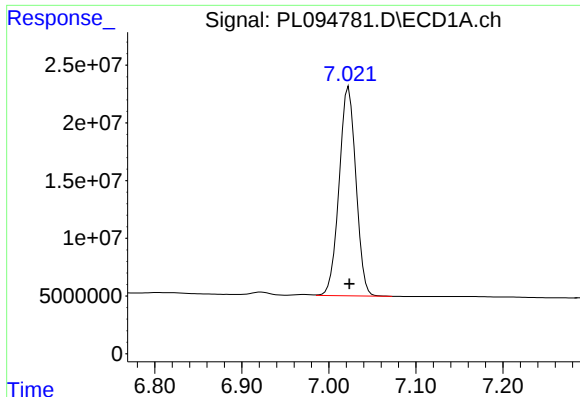
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 1274848
Conc: 0.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 2391259
Conc: 0.66 ng/ml m



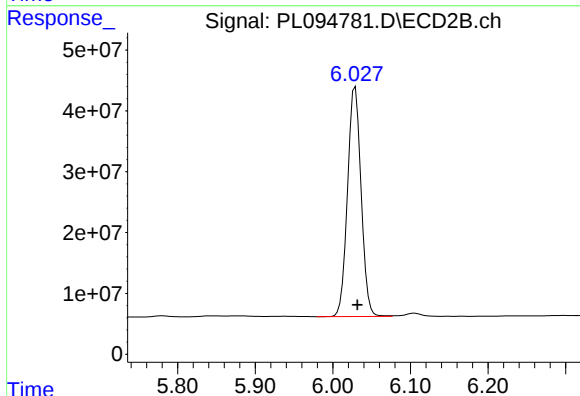
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 242287911
Conc: 101.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

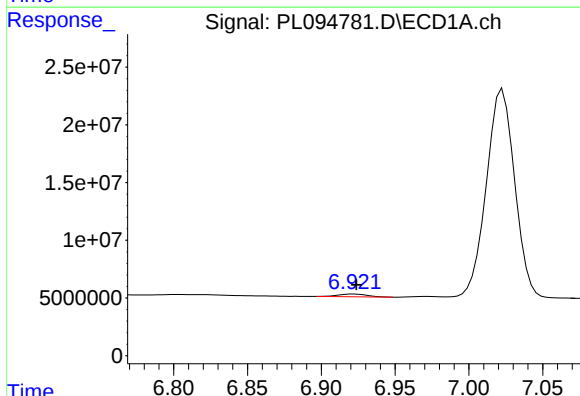
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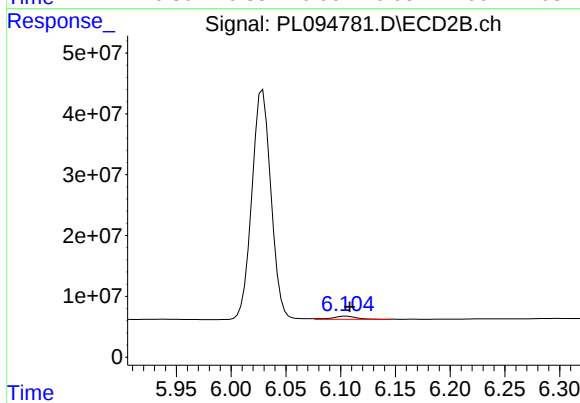
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 459062516
Conc: 113.85 ng/ml



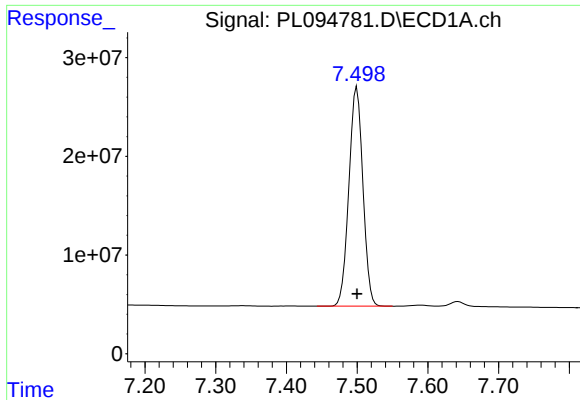
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 3250318
Conc: 1.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 7819287
Conc: 2.32 ng/ml



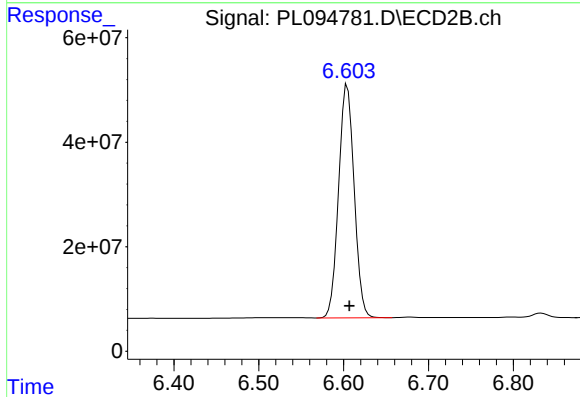
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 306001660
Conc: 255.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

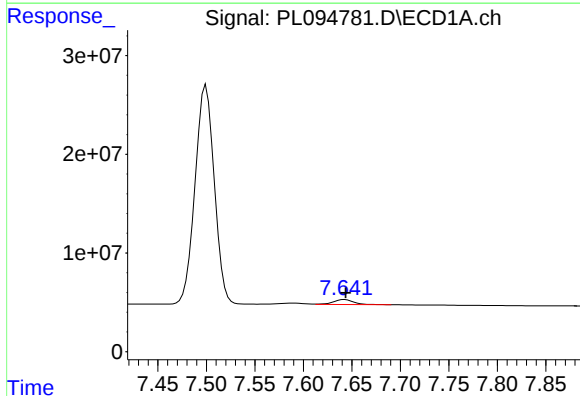
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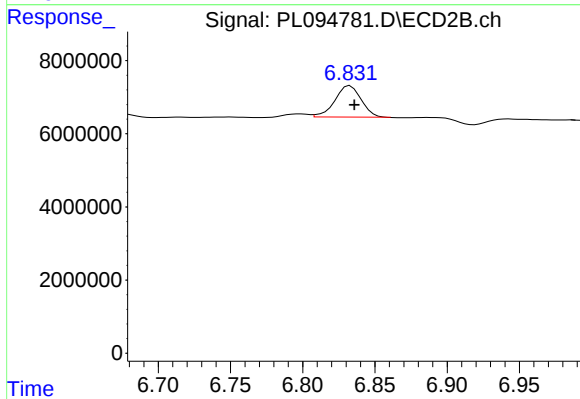
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 567545901
Conc: 267.58 ng/ml



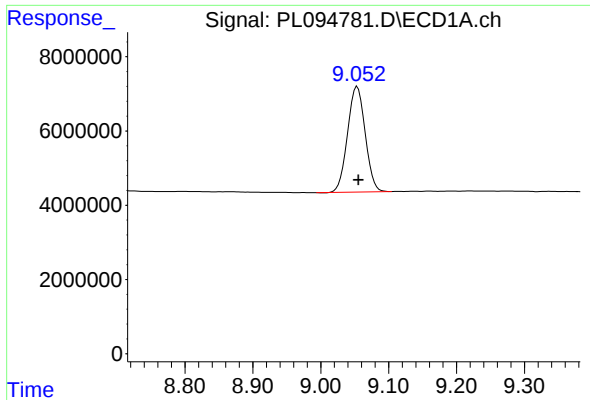
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 7287000
Conc: 2.76 ng/ml



#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 10746311
Conc: 2.25 ng/ml m



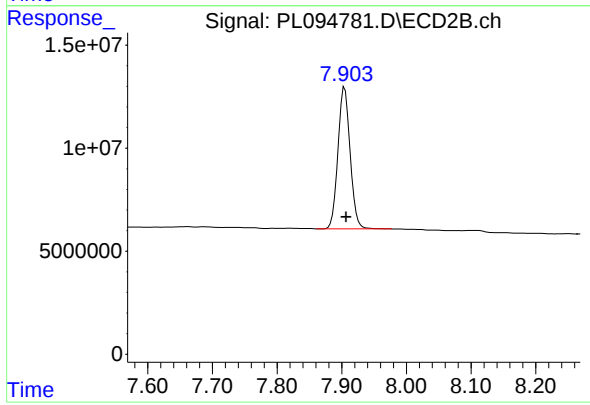
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 51335806
Conc: 24.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 89781735
Conc: 22.23 ng/ml