

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082225\
 Data File : PL096945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 04:09:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.826	68957201	103.9E6	17.485	18.435
28)	SA Decachlor...	9.005	7.987	53578447	101.4E6	18.097	21.139
Target Compounds							
2)	A alpha-BHC	3.977	3.331	49569686	74689206	8.555	9.096
3)	MA gamma-BHC...	4.305	3.663	48411382	71091556	8.864	9.651
6)	B beta-BHC	4.492	3.959	19748789	32630661	8.635	10.002
14)	MA Endrin	6.535	5.705	168.9E6	301.0E6	45.099	50.954
16)	A 4,4'-DDD	6.667	5.852	3350280	4282453	1.062m	0.820m
17)	MA 4,4'-DDT	6.982	6.105	310.5E6	580.8E6	88.658	106.040
18)	B Endrin al...	6.880	6.174	1780303	17735848	0.684m	N.D. #
20)	A Methoxychlor	7.455	6.677	381.8E6	706.4E6	220.017	235.496
21)	B Endrin ke...	7.589	6.901	2793152	12187893	0.786m	1.947 #

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

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Acq On : 22 Aug 2025 09:45
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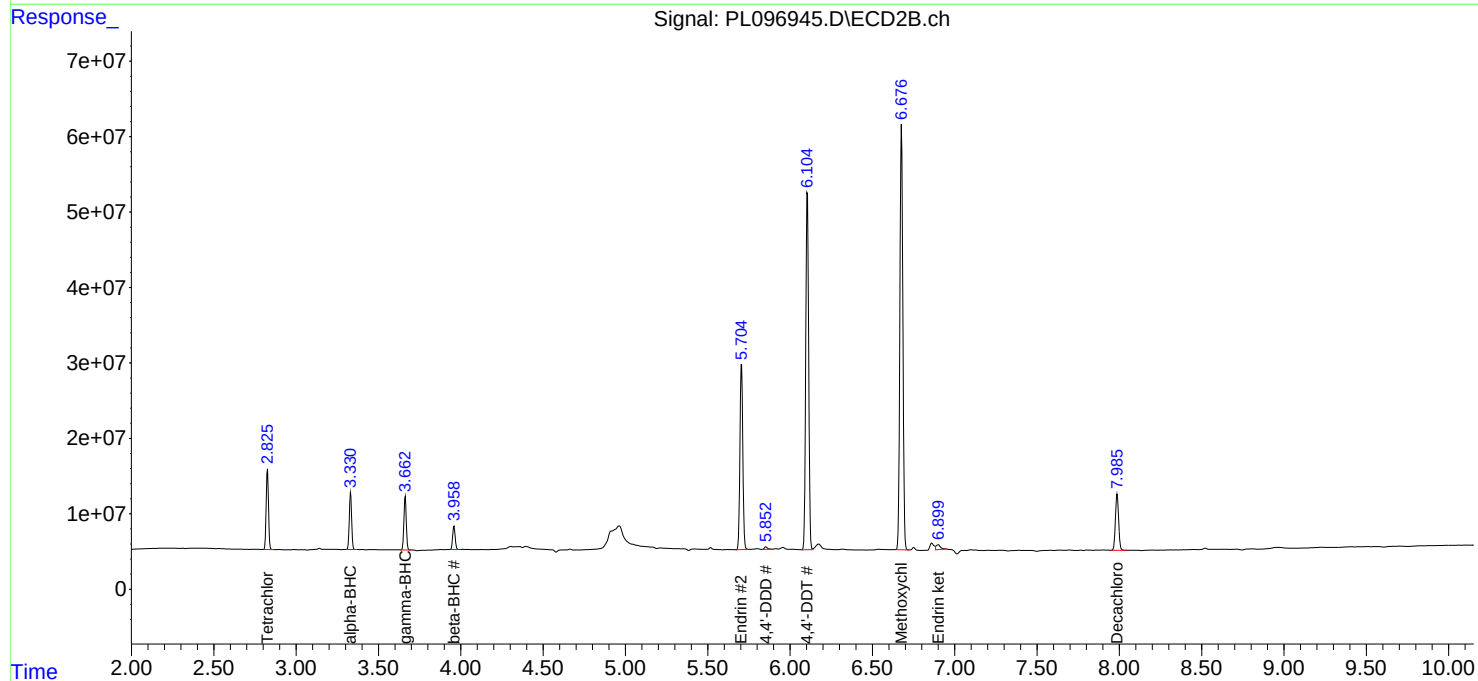
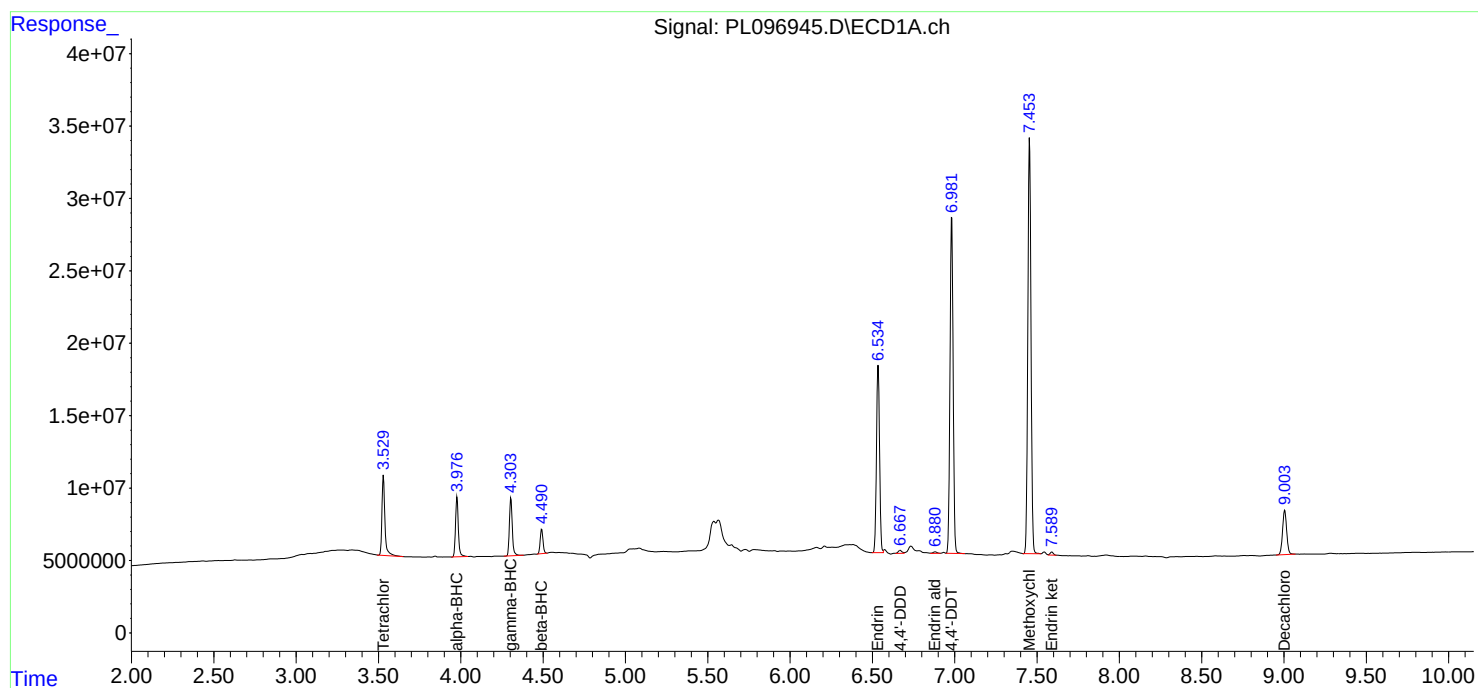
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ECD_L
ClientSampleId :
PEM

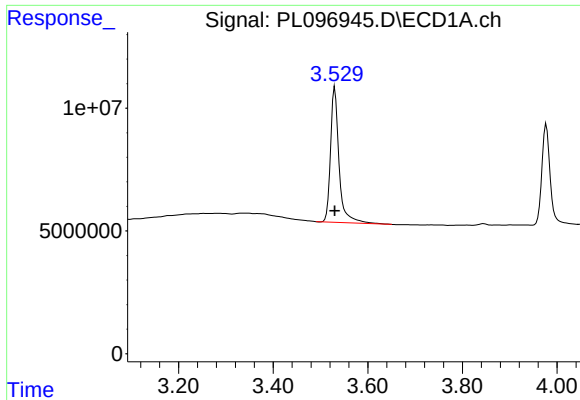
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





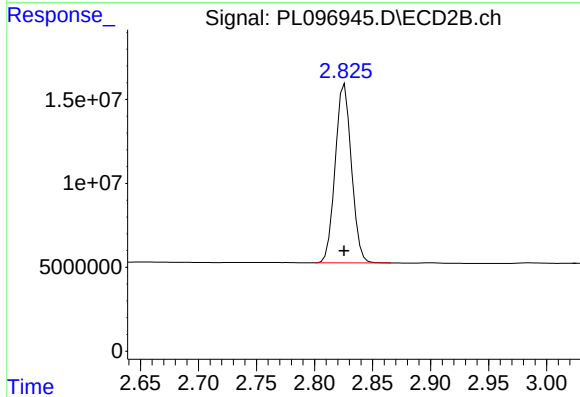
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 68957201
Conc: 17.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

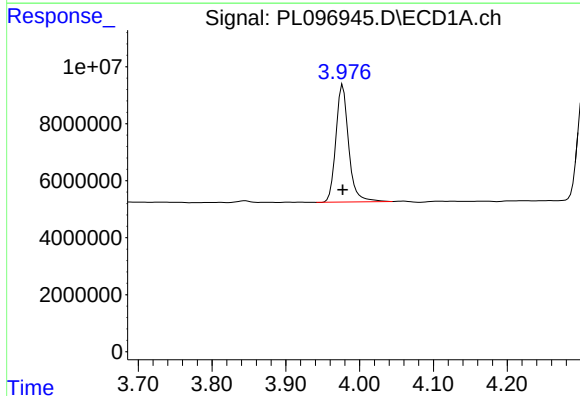
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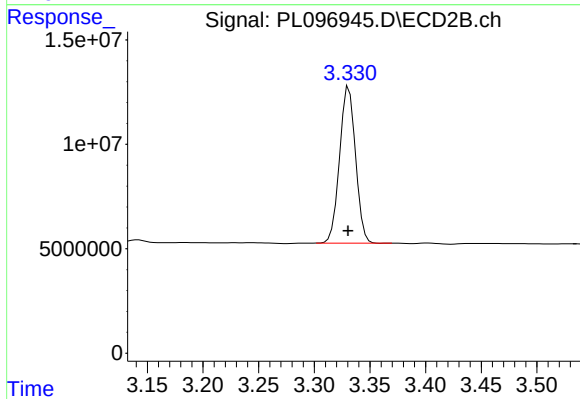
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: 0.000 min
Response: 103914083
Conc: 18.44 ng/ml



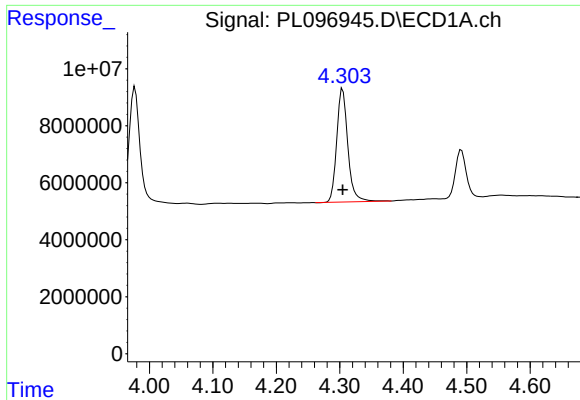
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 49569686
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 74689206
Conc: 9.10 ng/ml



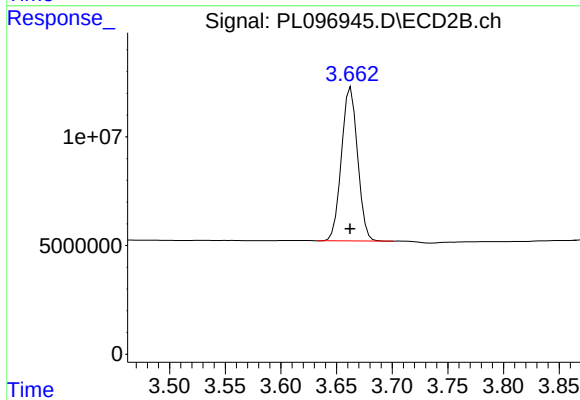
#3 gamma-BHC (Lindane)

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 48411382
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

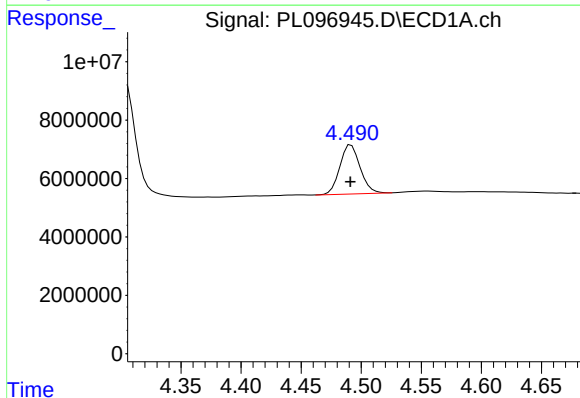
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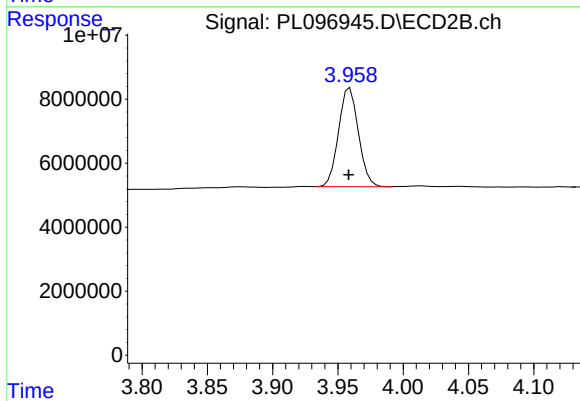
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 71091556
Conc: 9.65 ng/ml



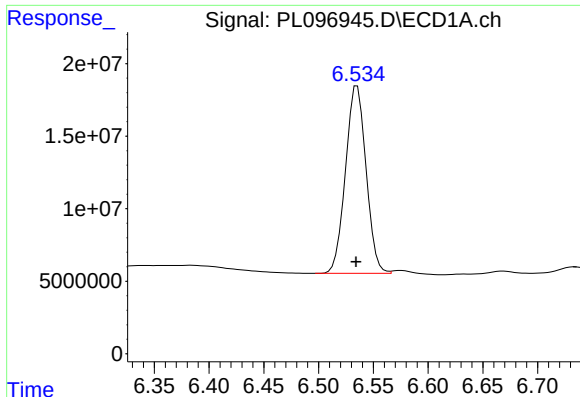
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 19748789
Conc: 8.64 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 32630661
Conc: 10.00 ng/ml



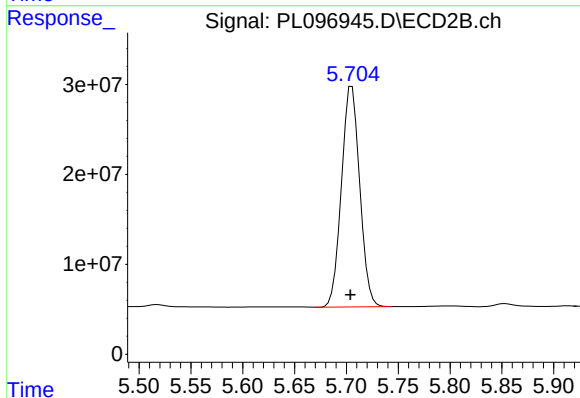
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 168890340
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

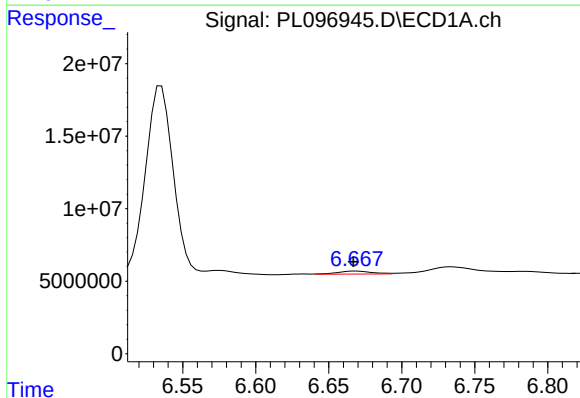
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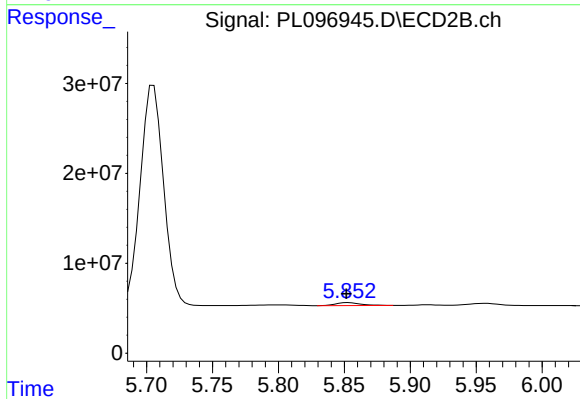
#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.001 min
Response: 300997266
Conc: 50.95 ng/ml



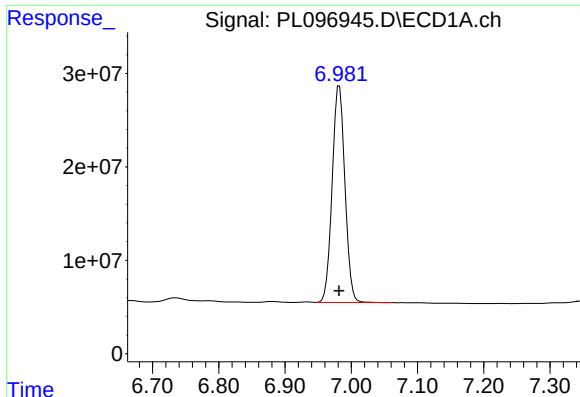
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3350280
Conc: 1.06 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 4282453
Conc: 0.82 ng/ml m



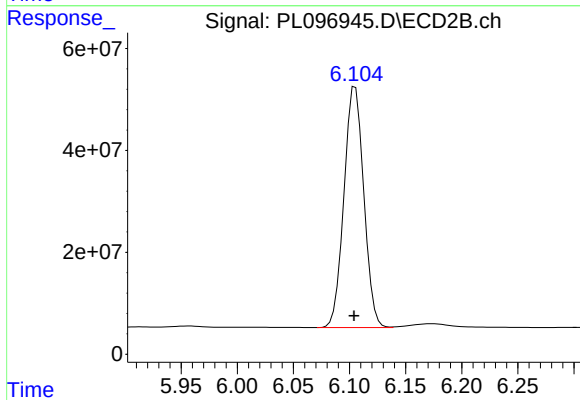
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 310518632
Conc: 88.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

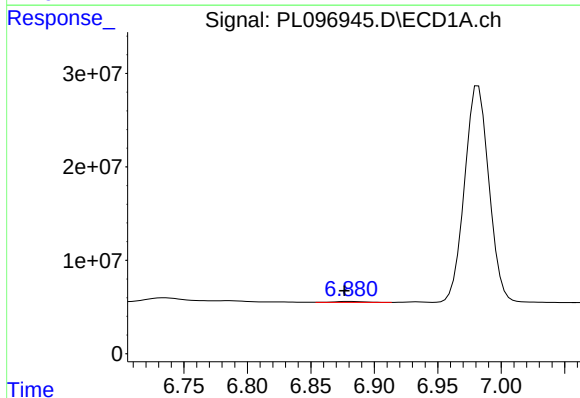
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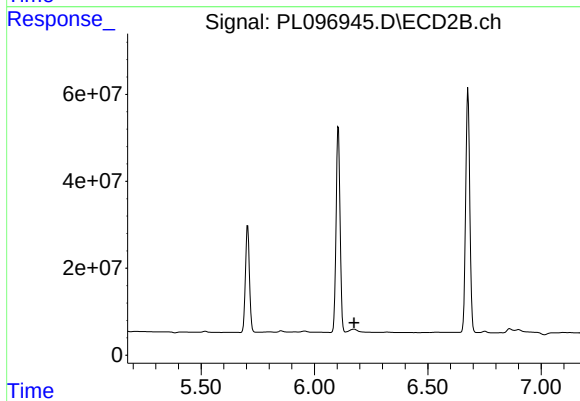
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 580806216
Conc: 106.04 ng/ml



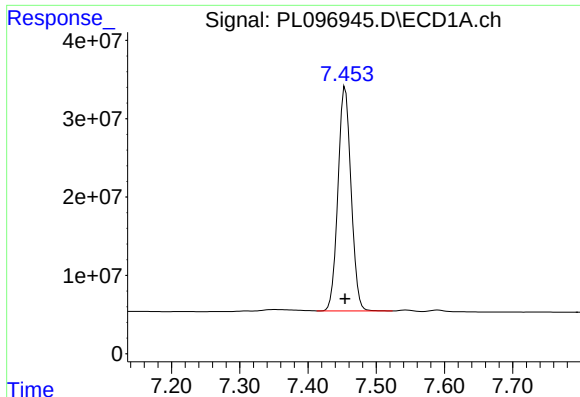
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.003 min
Response: 1780303
Conc: 0.68 ng/ml m



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 17735848
Conc: N.D.



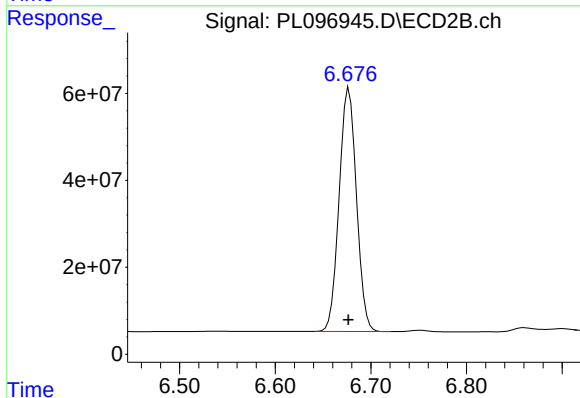
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 381837910
Conc: 220.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

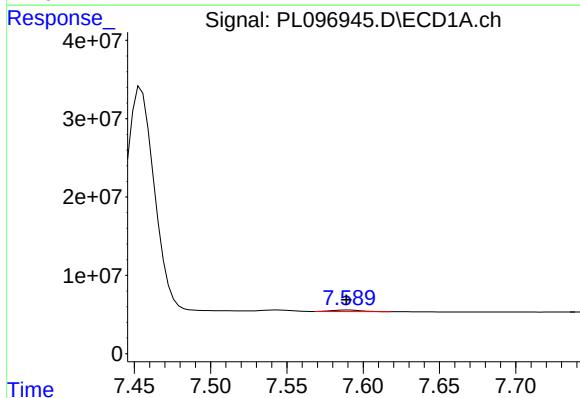
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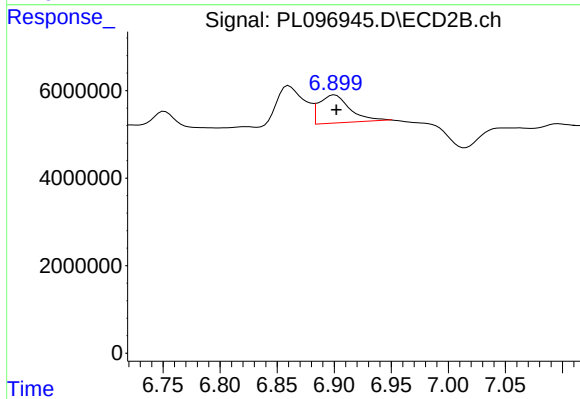
#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 706435296
Conc: 235.50 ng/ml



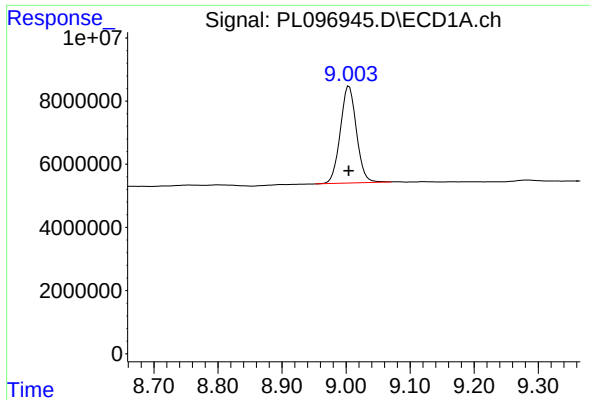
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 2793152
Conc: 0.79 ng/ml m



#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.001 min
Response: 12187893
Conc: 1.95 ng/ml



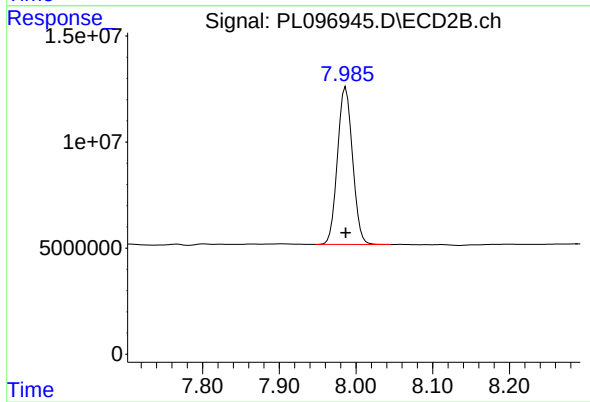
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.000 min
Response: 53578447
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 101379896
Conc: 21.14 ng/ml