

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090523\
 Data File : PL085121.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2023 16:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/06/2023
 Supervised By : Ankita Jodhani 09/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 22:37:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.477	2.684	46370070	20843117	18.958	18.345
28)	SA Decachlor...	9.028	7.864	31798815	25095522	19.774	18.853
Target Compounds							
2)	A alpha-BHC	3.935	3.189	32089744	14569334	9.313	8.908
3)	MA gamma-BHC...	4.269	3.519	30650354	13658600	9.233	8.558
6)	B beta-BHC	4.469	3.822	15405060	6899854	10.900	10.169
14)	MA Endrin	6.527	5.559	91961221	58255517	44.519	45.576
16)	A 4,4'-DDD	6.670	5.719	1358243	613344	0.882	0.584 #
17)	MA 4,4'-DDT	6.986	5.972	165.0E6	119.4E6	97.937	102.433
18)	B Endrin al...	6.879	6.040	1951411	2762671	1.270	2.705 #
20)	A Methoxychlor	7.467	6.557	205.0E6	155.0E6	225.573	230.362
21)	B Endrin ke...	7.598	6.766	3924782	2870282	2.004m	1.946m

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

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ALS Vial : 3 Sample Multiplier: 1

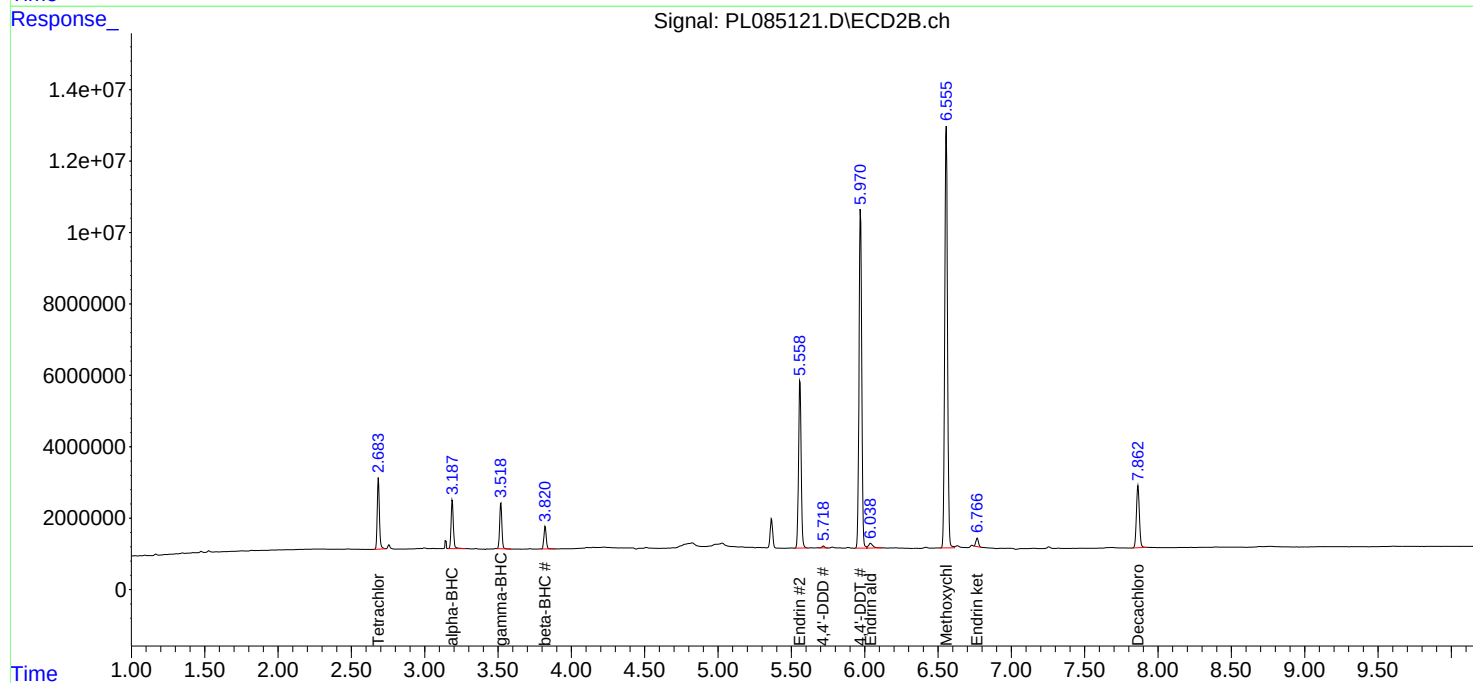
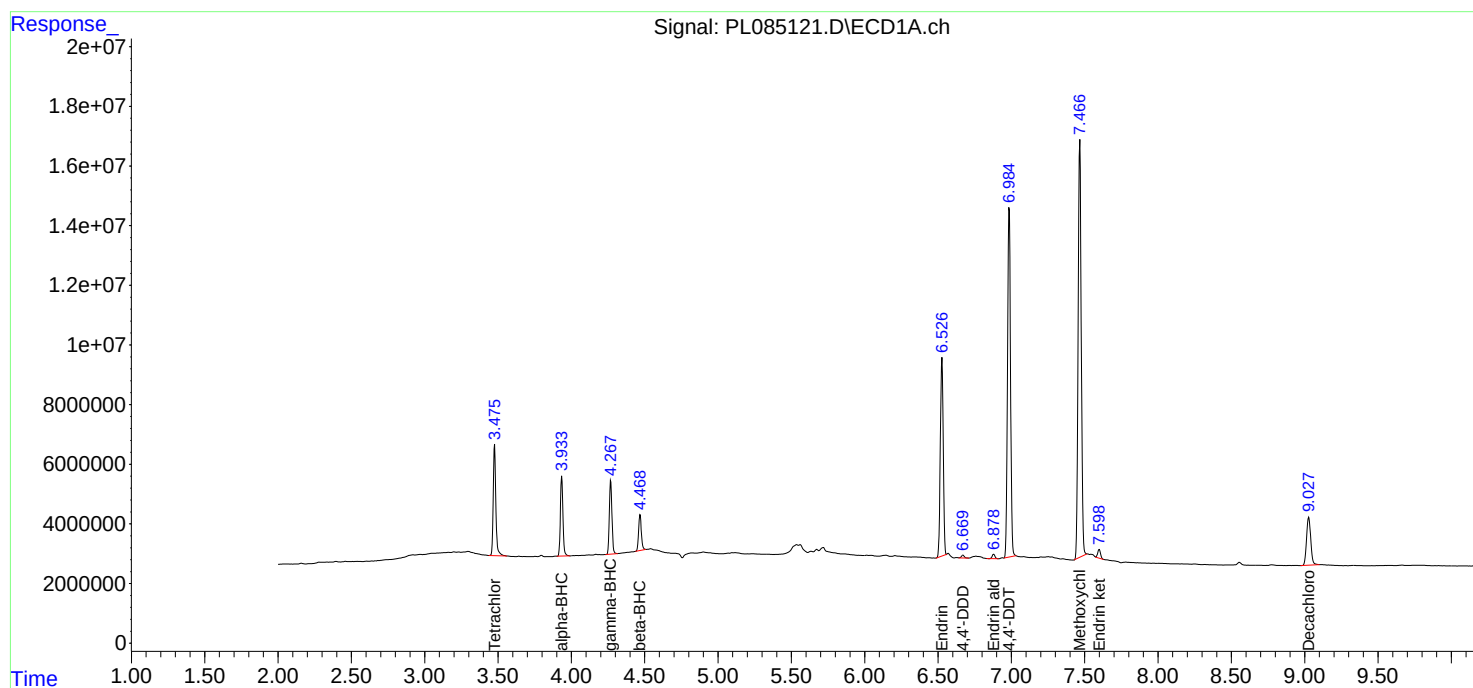
Instrument :
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PEM

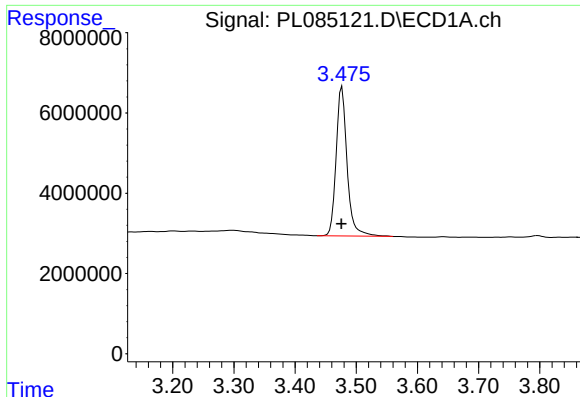
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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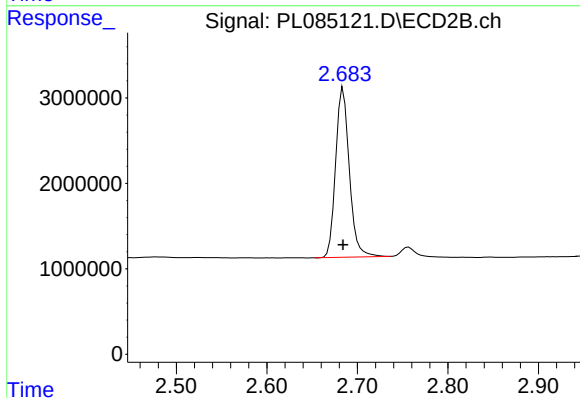
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 46370070
Conc: 18.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

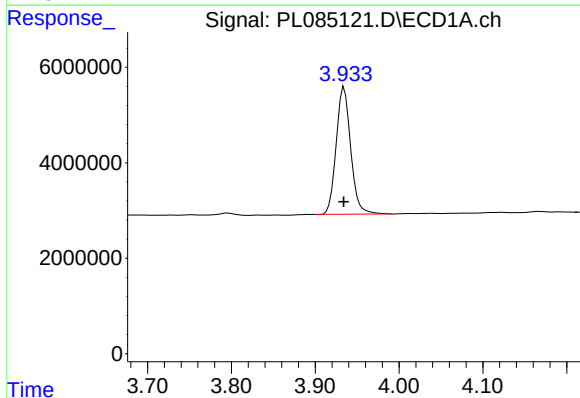
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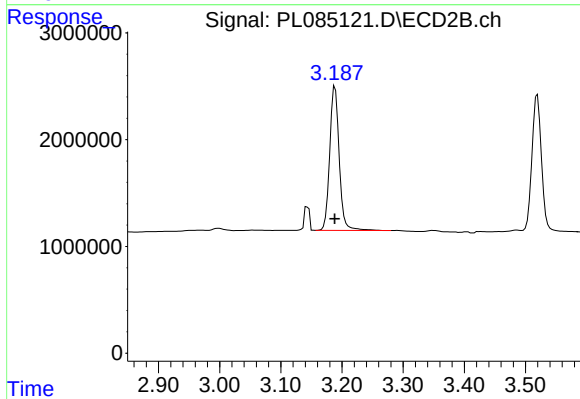
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 20843117
Conc: 18.34 ng/ml



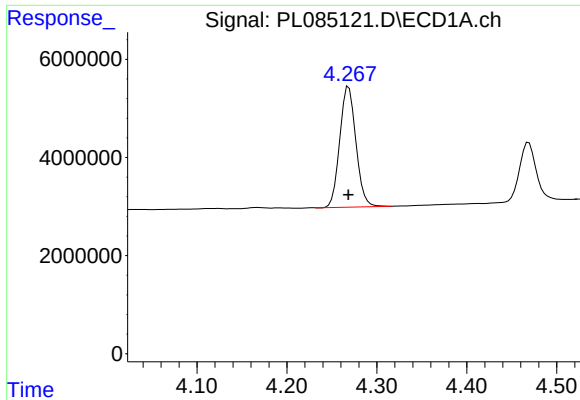
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 32089744
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 14569334
Conc: 8.91 ng/ml



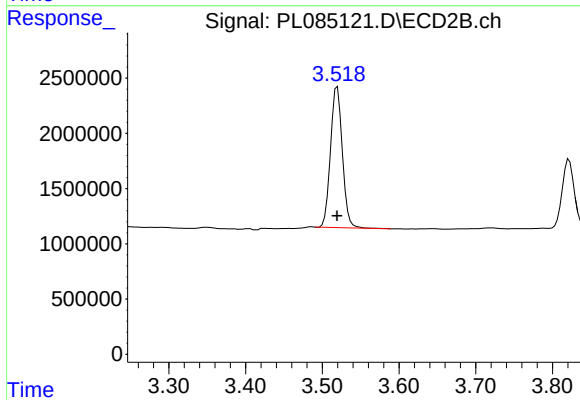
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 30650354
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

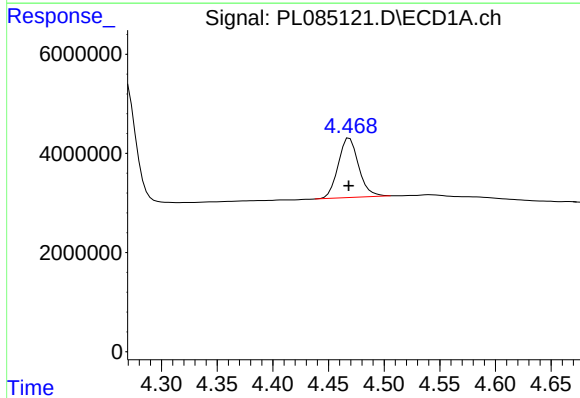
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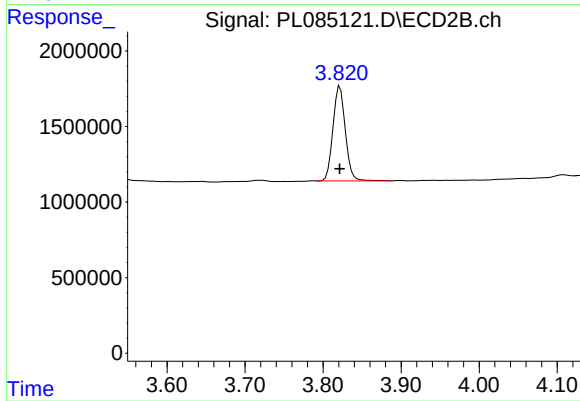
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 13658600
Conc: 8.56 ng/ml



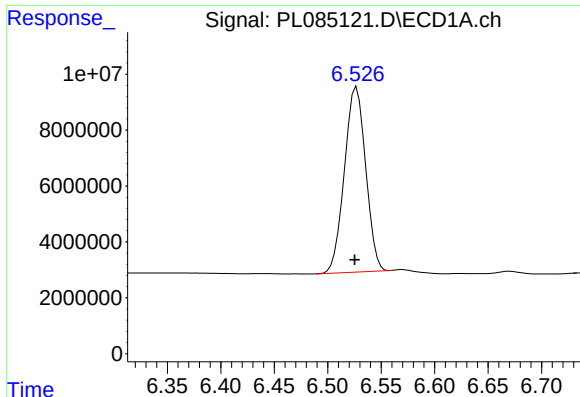
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 15405060
Conc: 10.90 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 6899854
Conc: 10.17 ng/ml



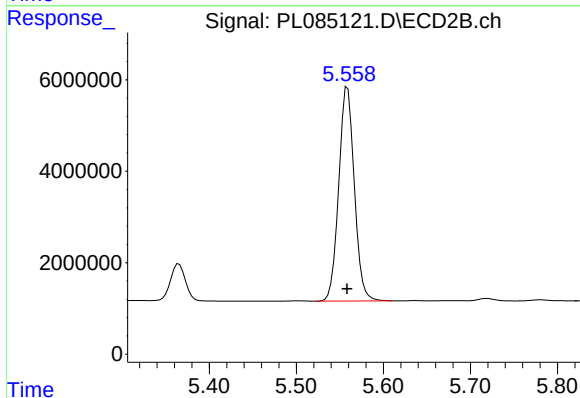
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 91961221
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

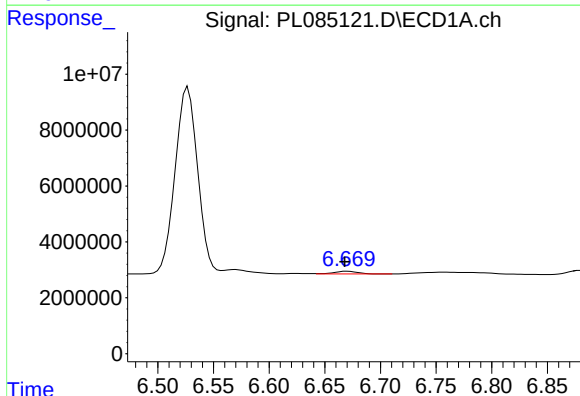
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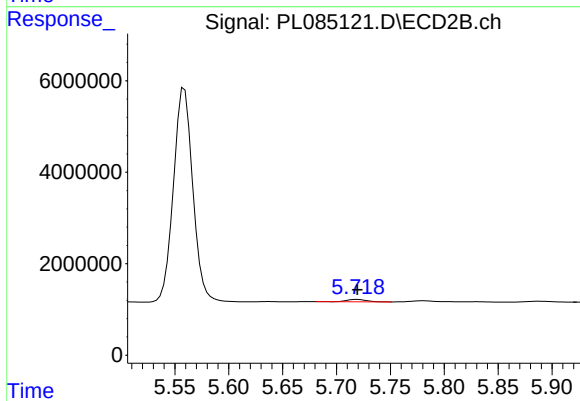
#14 Endrin

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 58255517
Conc: 45.58 ng/ml



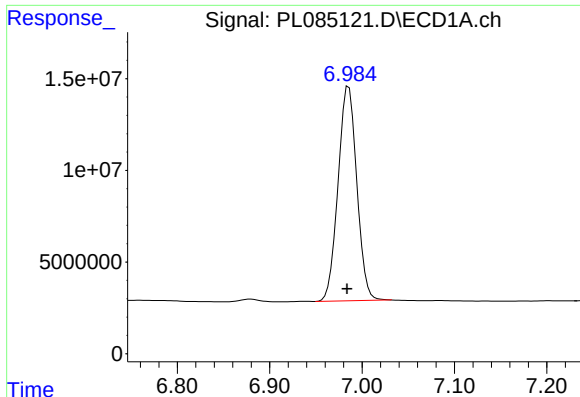
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 1358243
Conc: 0.88 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 613344
Conc: 0.58 ng/ml



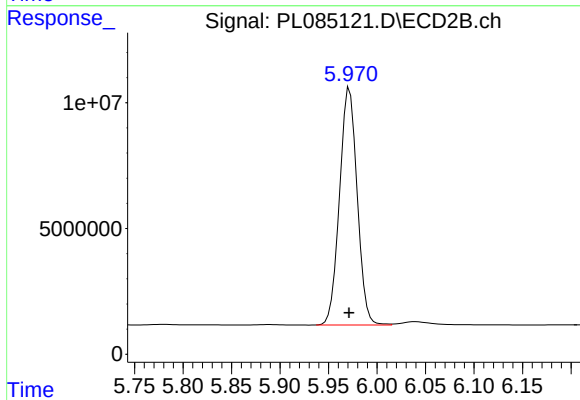
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 164984119
Conc: 97.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

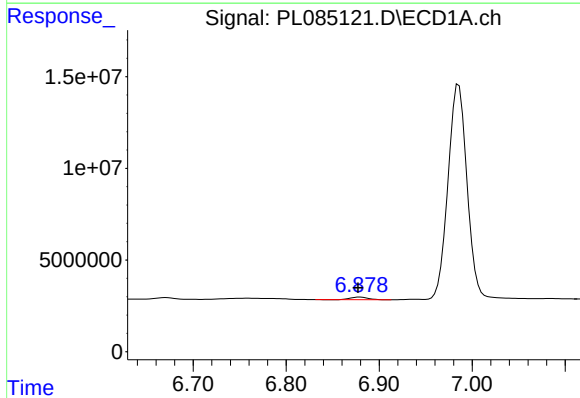
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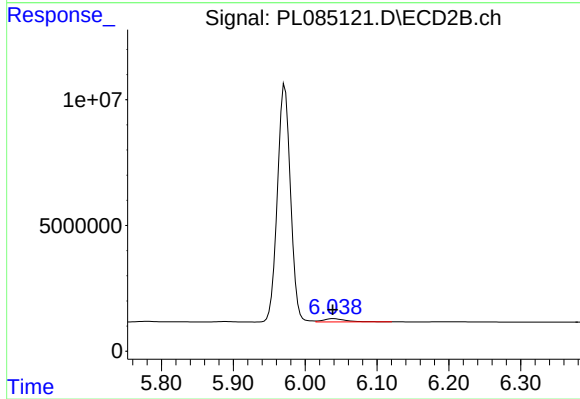
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 119421693
Conc: 102.43 ng/ml



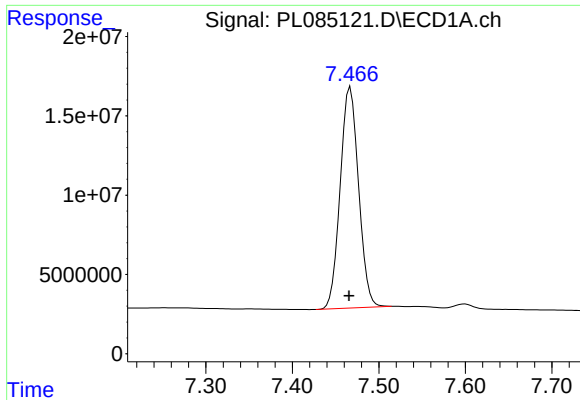
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.002 min
Response: 1951411
Conc: 1.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: 0.001 min
Response: 2762671
Conc: 2.70 ng/ml



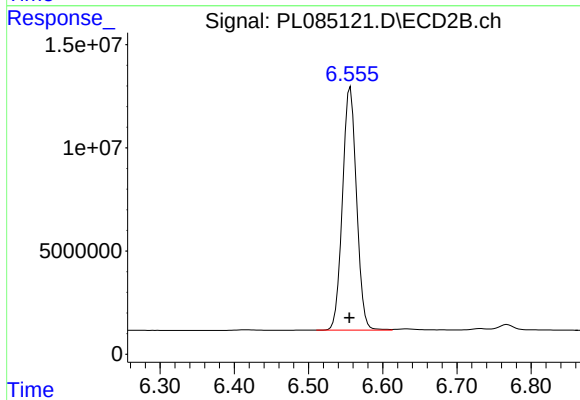
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.001 min
Response: 204956521
Conc: 225.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

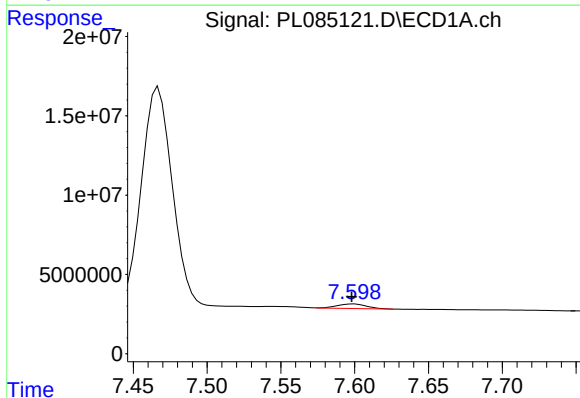
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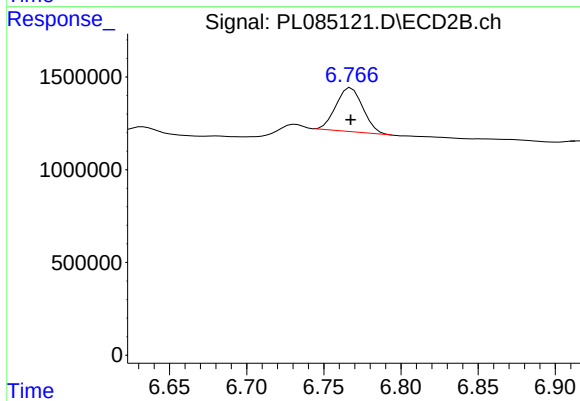
#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: 0.001 min
Response: 154968196
Conc: 230.36 ng/ml



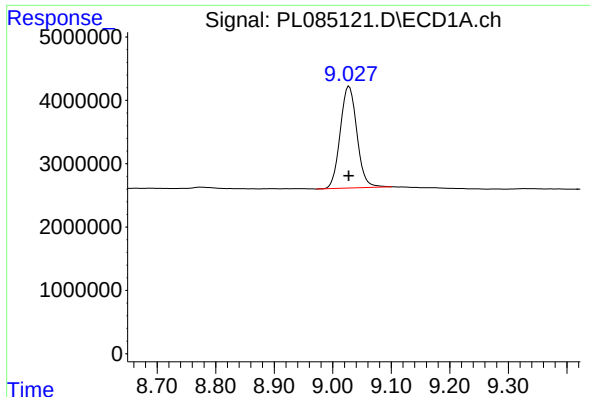
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 3924782
Conc: 2.00 ng/ml m



#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 2870282
Conc: 1.95 ng/ml m



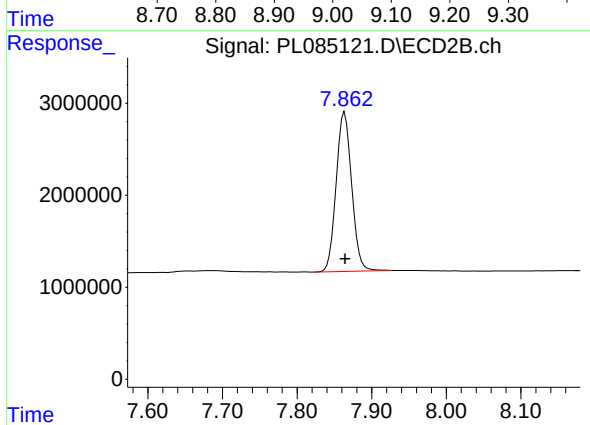
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.000 min
Response: 31798815
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 25095522
Conc: 18.85 ng/ml