

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
 Data File : PL083712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 16:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 21:38:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.430	2.692	48372498	59583823	19.469	20.521
28)	SA Decachlor...	8.974	7.881	36677454	55419050	21.475	22.414
Target Compounds							
2)	A alpha-BHC	3.887	3.198	34820643	39356499	9.273	9.392
3)	MA gamma-BHC...	4.221	3.529	33339878	37020036	9.570	9.263
6)	B beta-BHC	4.420	3.830	16387114	18512073	10.914	11.017
14)	MA Endrin	6.478	5.572	118.4E6	137.9E6	44.889	51.821
16)	A 4,4'-DDD	6.622	5.732	4103118	3743335	1.895	1.726
17)	MA 4,4'-DDT	6.939	5.986	219.9E6	275.5E6	93.642	111.058
18)	B Endrin al...	6.831	6.051	2987475	7513997	1.614	3.674 #
20)	A Methoxychlor	7.422	6.571	271.1E6	330.6E6	234.414	261.095
21)	B Endrin ke...	7.548	6.781	5564138	7599583	2.395m	2.622

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

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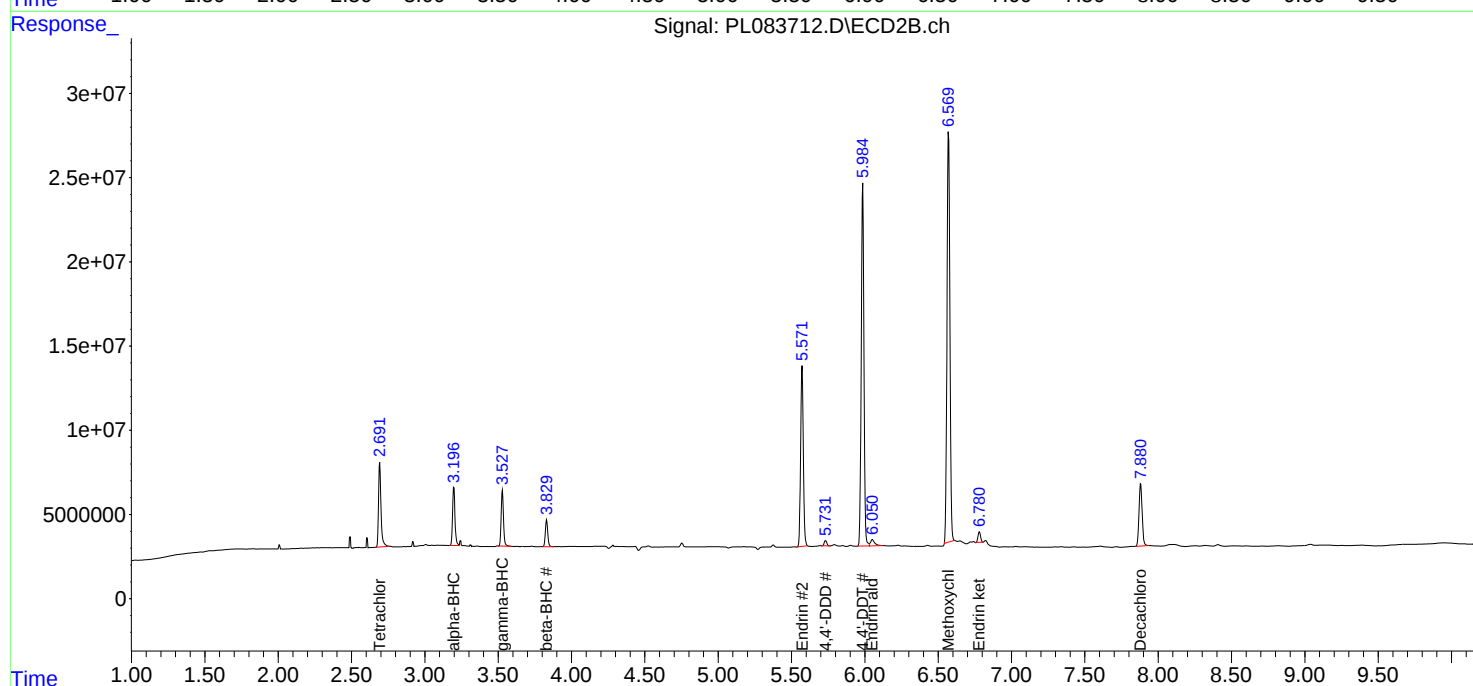
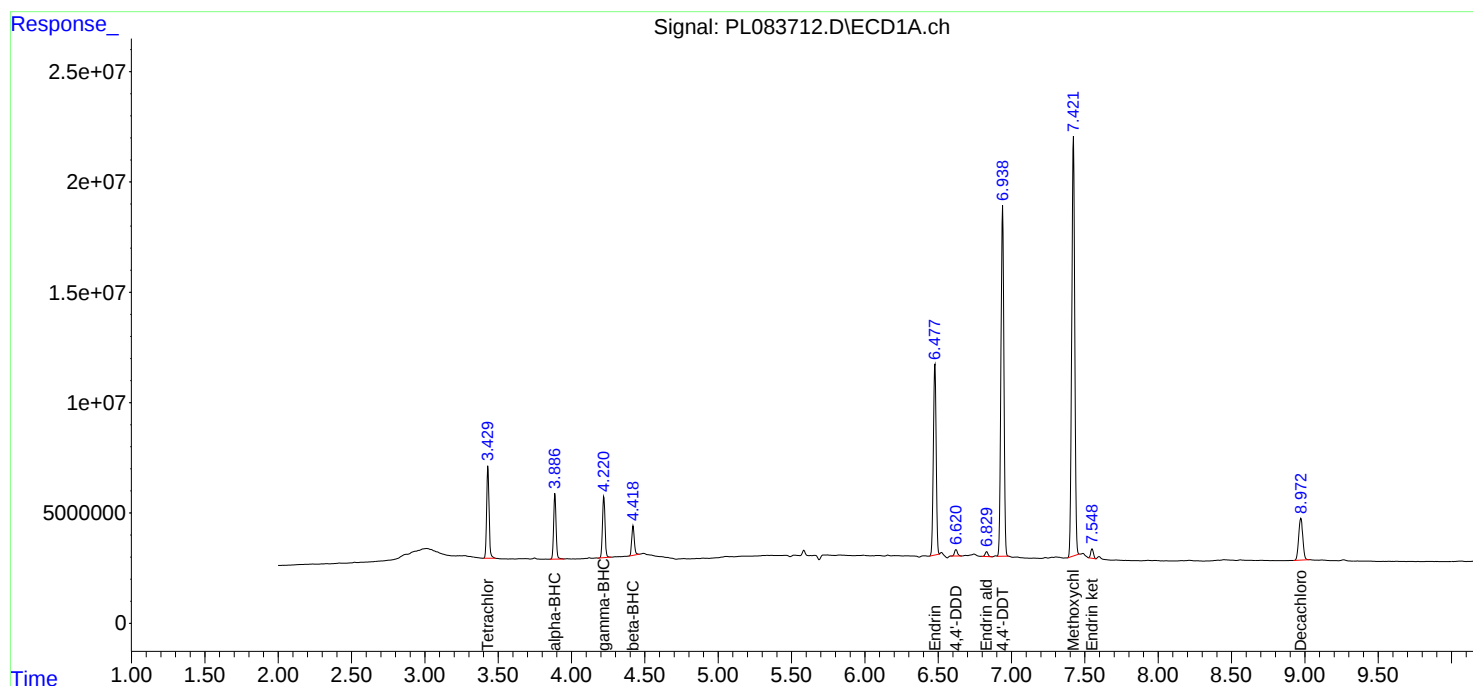
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ECD_L
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PEM

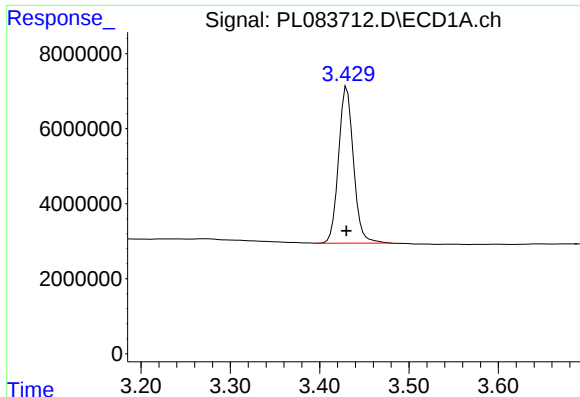
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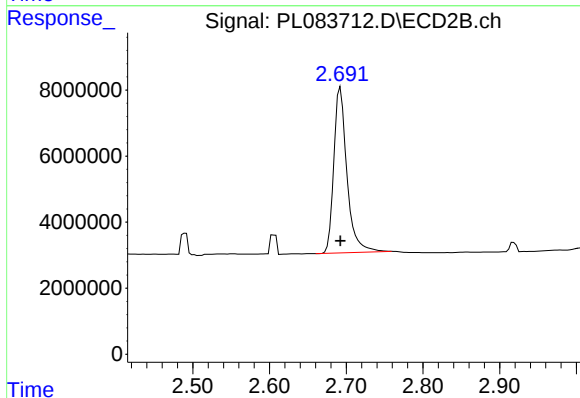
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 48372498
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

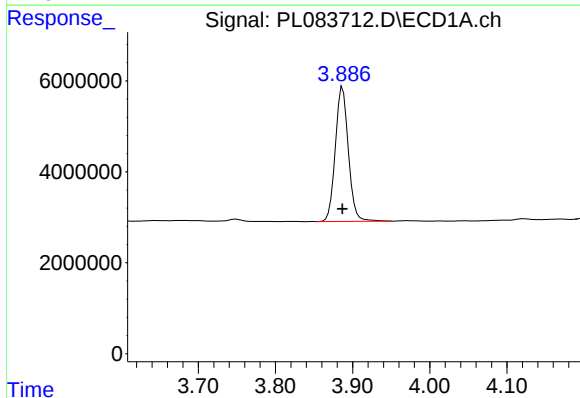
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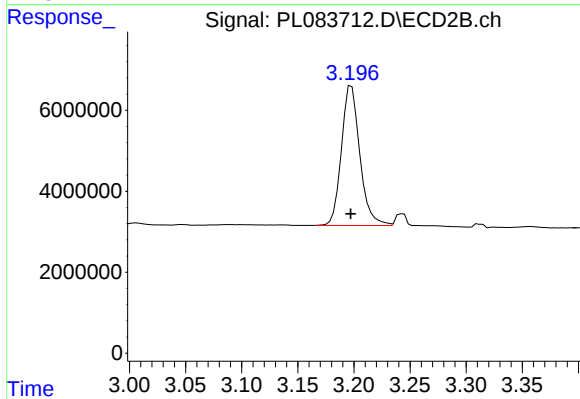
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 59583823
Conc: 20.52 ng/ml



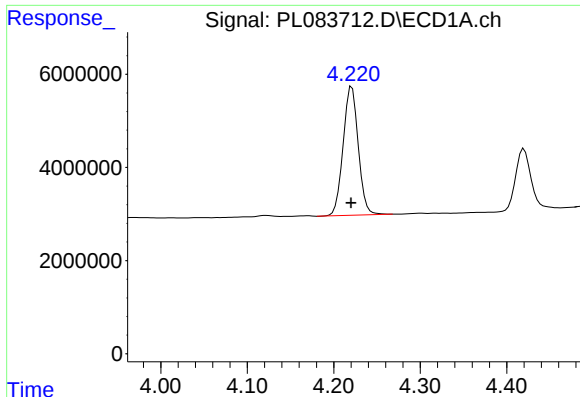
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 34820643
Conc: 9.27 ng/ml



#2 alpha-BHC

R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 39356499
Conc: 9.39 ng/ml



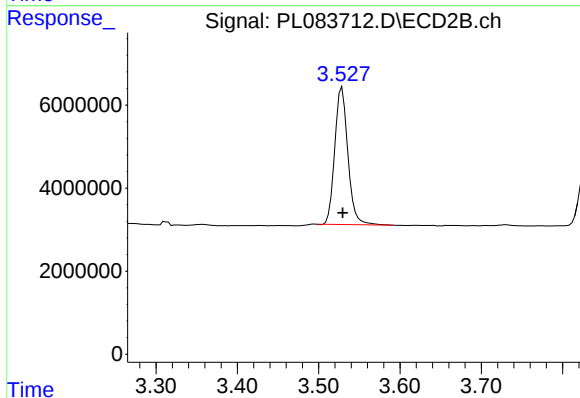
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 33339878
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

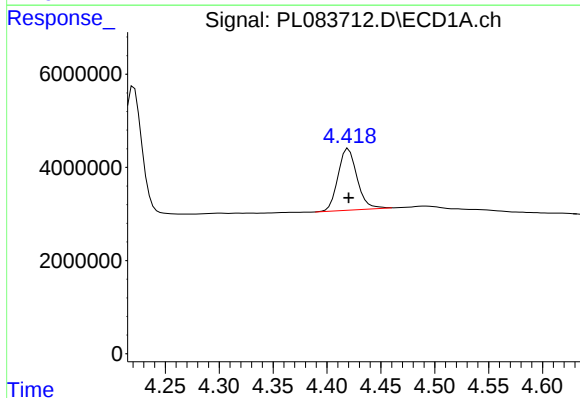
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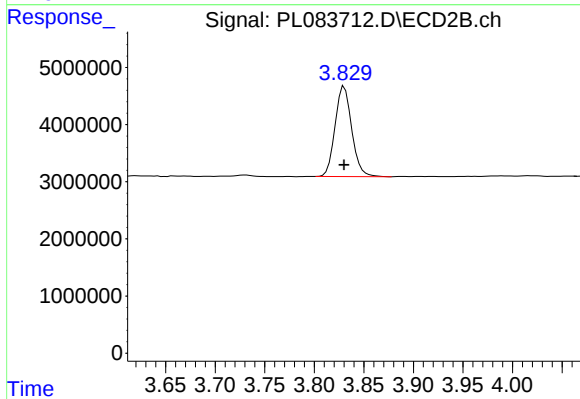
#3 gamma-BHC (Lindane)

R.T.: 3.529 min
Delta R.T.: -0.001 min
Response: 37020036
Conc: 9.26 ng/ml



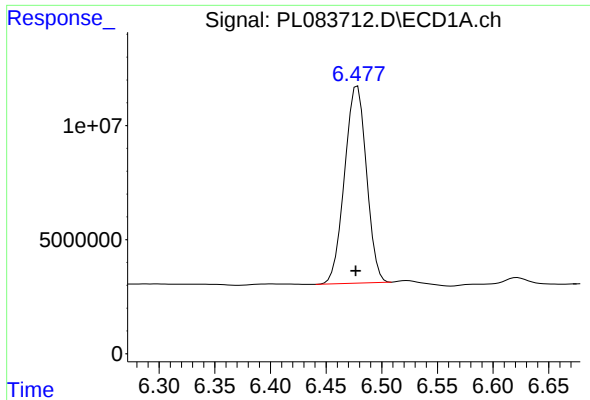
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 16387114
Conc: 10.91 ng/ml



#6 beta-BHC

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 18512073
Conc: 11.02 ng/ml



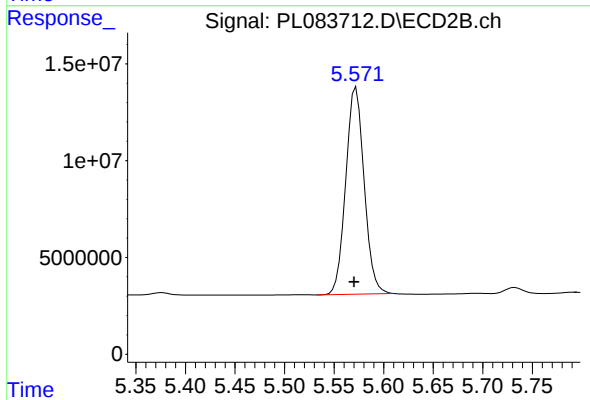
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 118438641
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

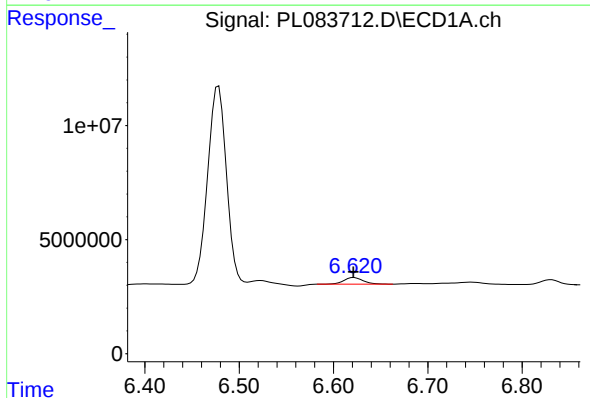
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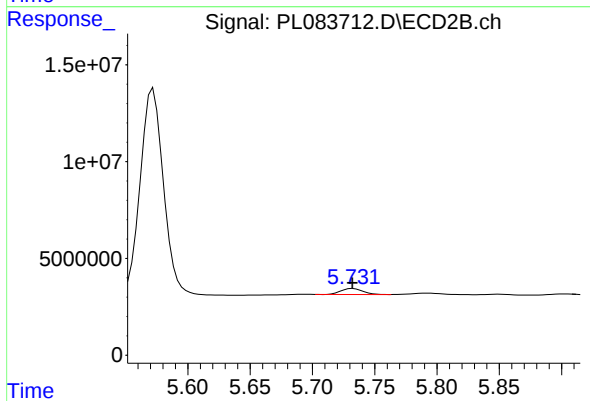
#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 137897735
Conc: 51.82 ng/ml



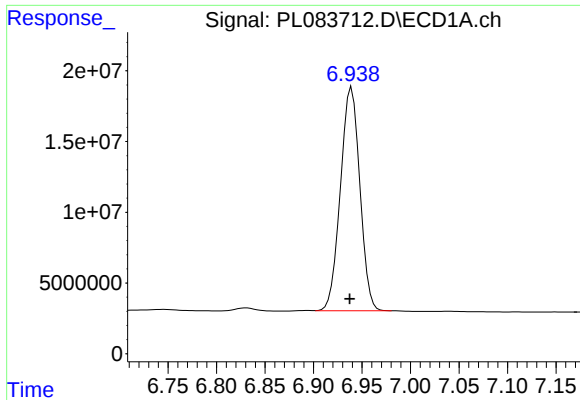
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 4103118
Conc: 1.90 ng/ml



#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 3743335
Conc: 1.73 ng/ml



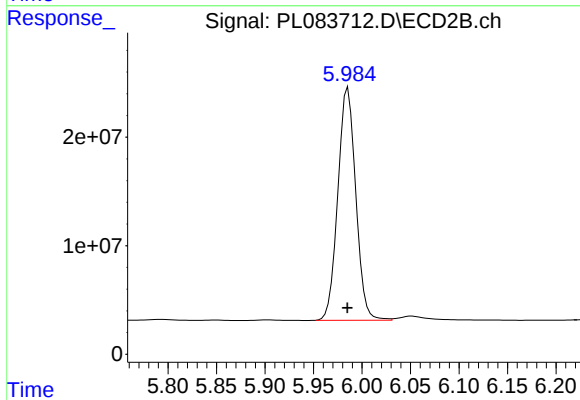
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.002 min
Response: 219938939
Conc: 93.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

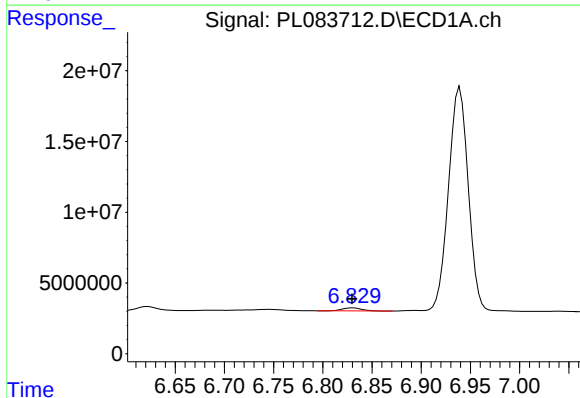
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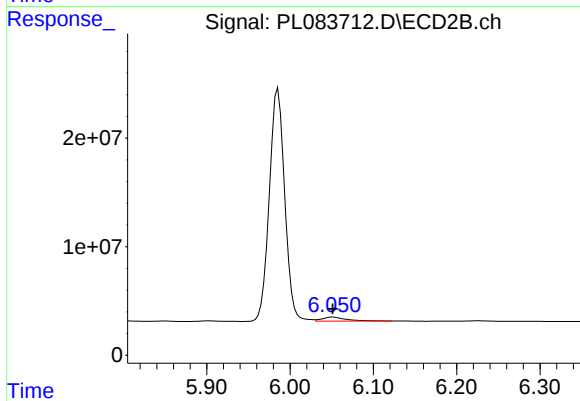
#17 4,4'-DDT

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 275456871
Conc: 111.06 ng/ml



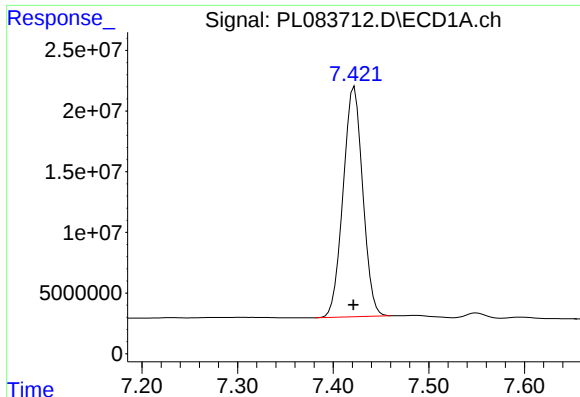
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 2987475
Conc: 1.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 7513997
Conc: 3.67 ng/ml



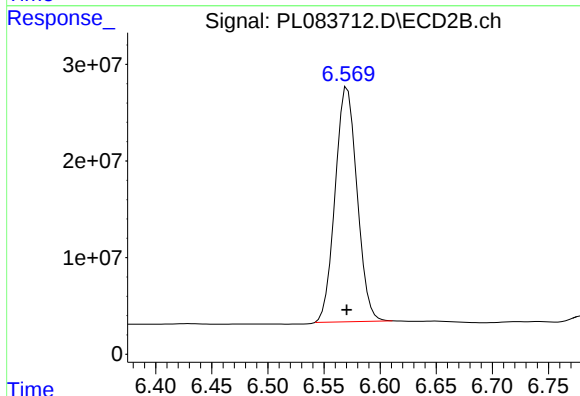
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 271136158
Conc: 234.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

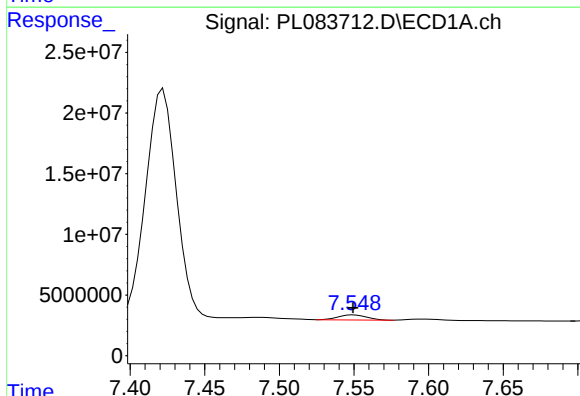
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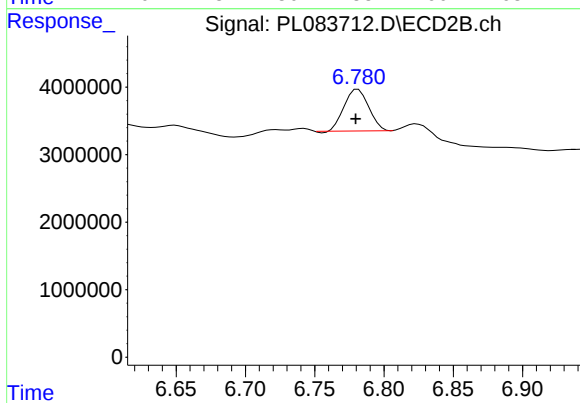
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 330578403
Conc: 261.09 ng/ml



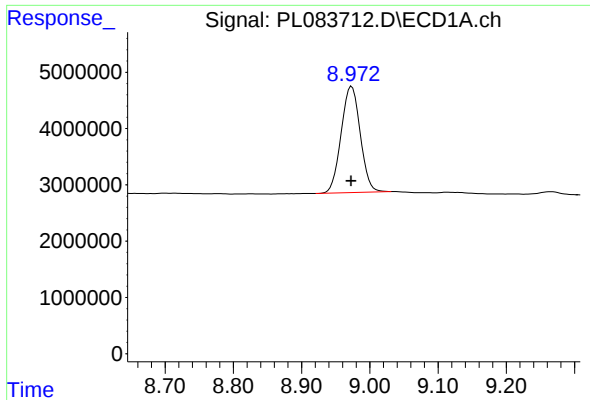
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 5564138
Conc: 2.40 ng/ml m



#21 Endrin ketone

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 7599583
Conc: 2.62 ng/ml



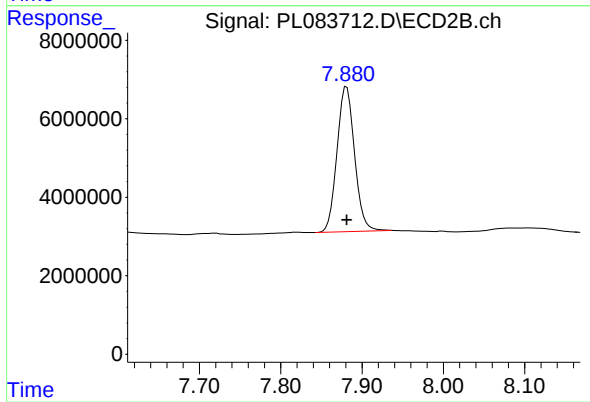
#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.001 min
Response: 36677454
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 55419050
Conc: 22.41 ng/ml