

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071423\
 Data File : PL083903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 09:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2023
 Supervised By : Ankita Jodhani 07/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:41:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	44134782	22194770	22.069	19.985
28)	SA Decachlor...	9.024	7.872	26313246	21632215	20.215	19.469
Target Compounds							
2)	A alpha-BHC	3.931	3.193	30431778	14693324	10.387m	9.138
3)	MA gamma-BHC...	4.267	3.523	28706611	13678229	10.160	8.995
6)	B beta-BHC	4.466	3.825	14174644	7090261	11.814	10.742
12)	B 4,4'-DDE	6.157	5.167	284425	79388	0.141m	0.065m#
14)	MA Endrin	6.522	5.564	86286673	52490444	45.308m	47.752
16)	A 4,4'-DDD	6.666	5.725	4263242	2333550	2.903	2.432
17)	MA 4,4'-DDT	6.982	5.978	153.6E6	99309123	96.334	109.036
18)	B Endrin al...	6.876	6.045	2455992	1649309	1.676	1.835
20)	A Methoxychlor	7.462	6.562	191.8E6	120.8E6	245.254m	252.030
21)	B Endrin ke...	7.594	6.771	4261087	3377983	2.431m	2.614m

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

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Data File : PL083903.D
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Acq On : 14 Jul 2023 09:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

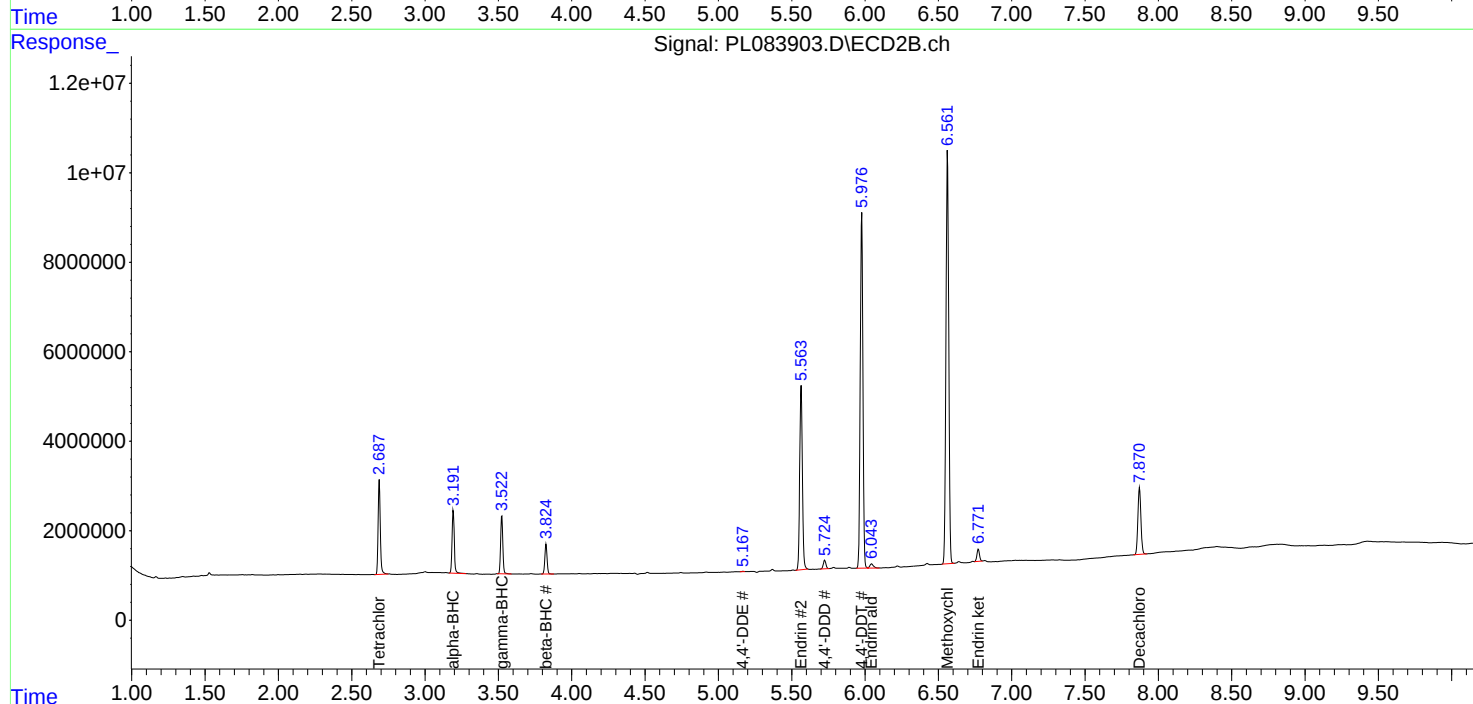
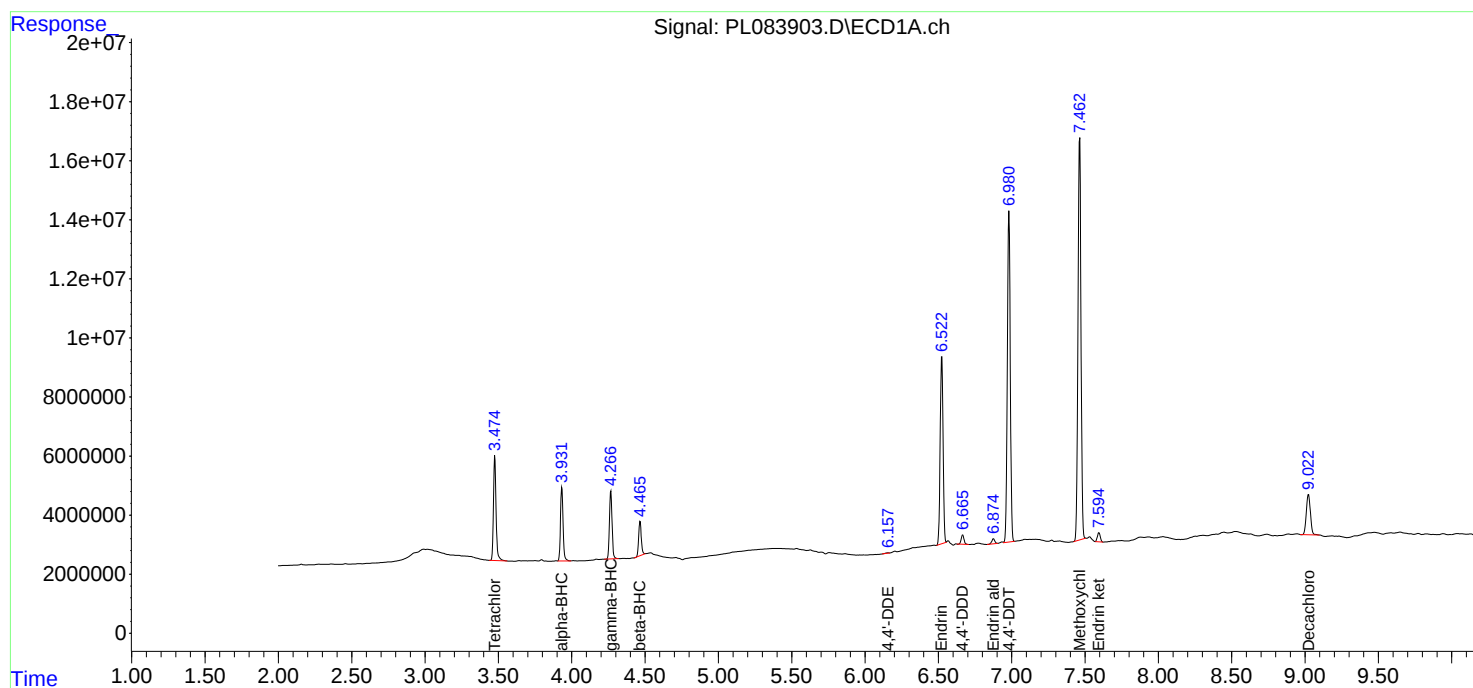
Instrument :
ECD_L
ClientSampleId :
PEM

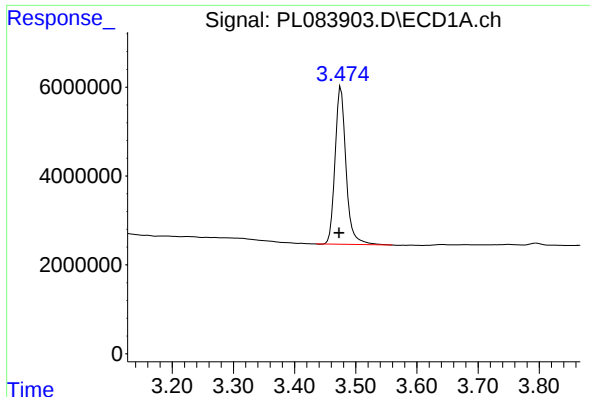
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





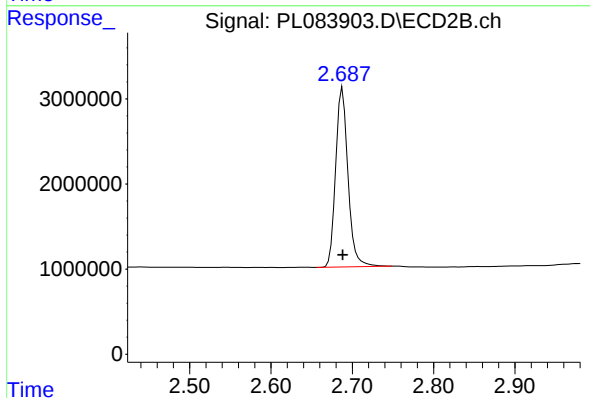
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 44134782
Conc: 22.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

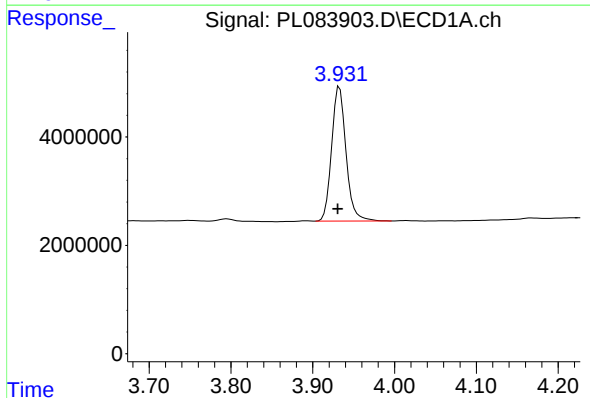
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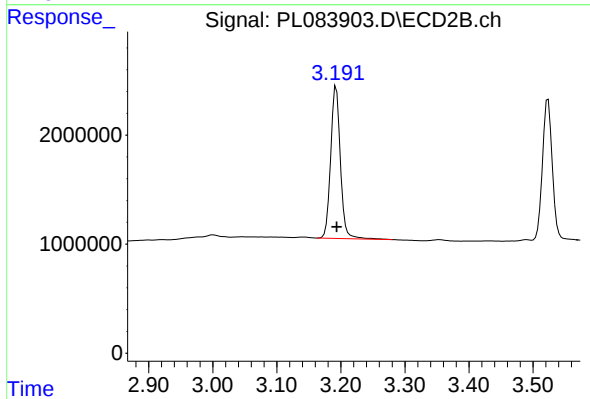
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 22194770
Conc: 19.98 ng/ml



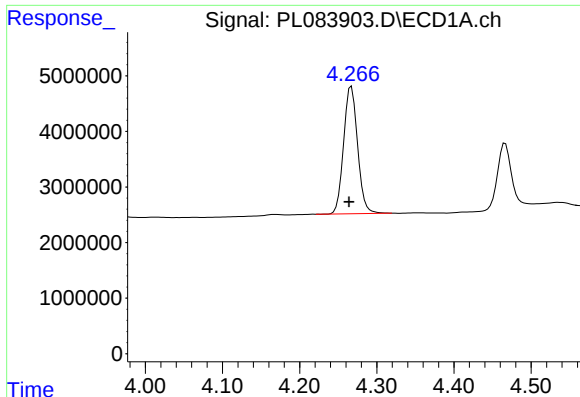
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 30431778
Conc: 10.39 ng/ml m



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 14693324
Conc: 9.14 ng/ml



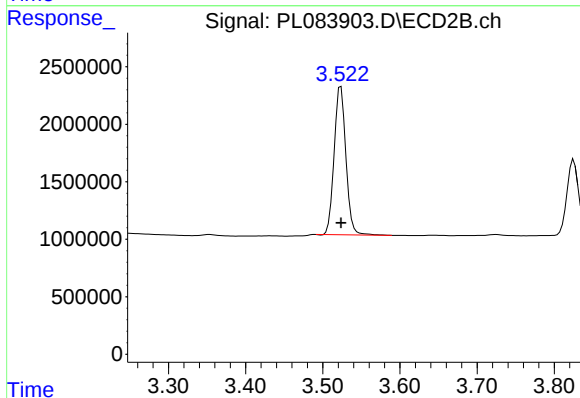
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 28706611
Conc: 10.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

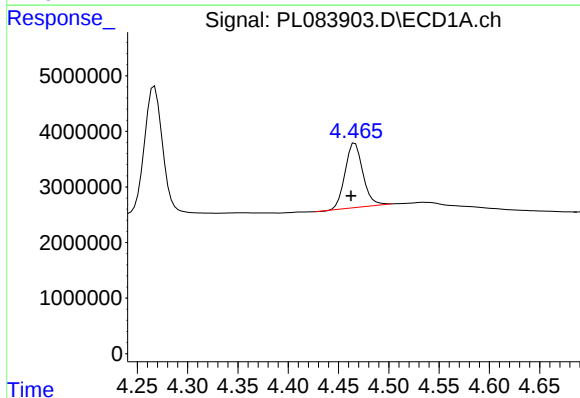
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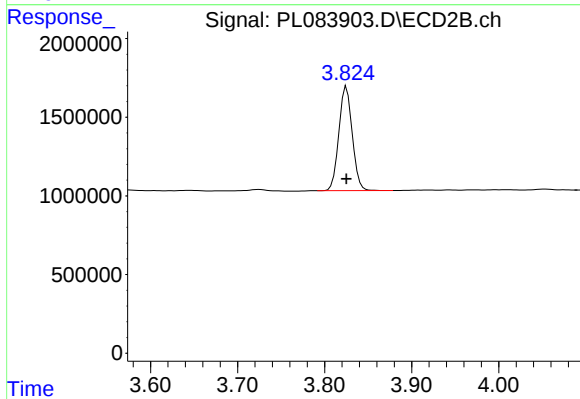
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13678229
Conc: 8.99 ng/ml



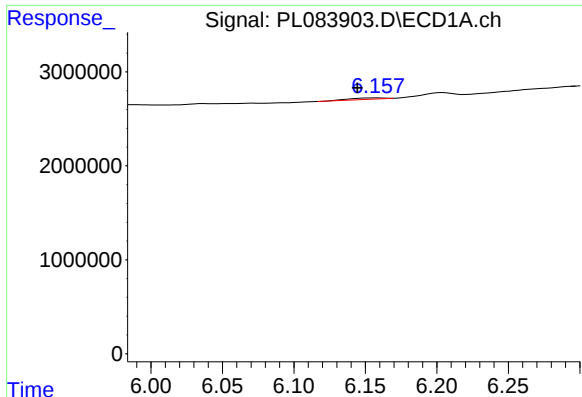
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.004 min
Response: 14174644
Conc: 11.81 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7090261
Conc: 10.74 ng/ml



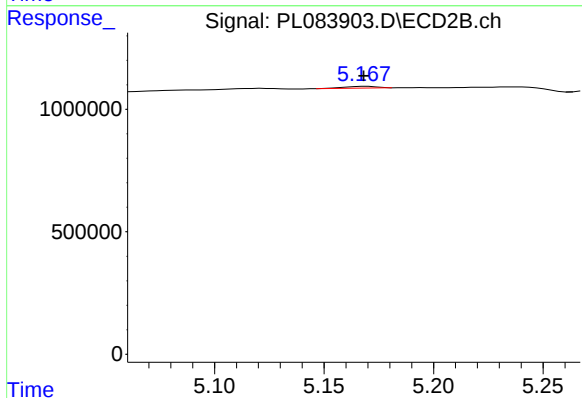
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.012 min
Response: 284425
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

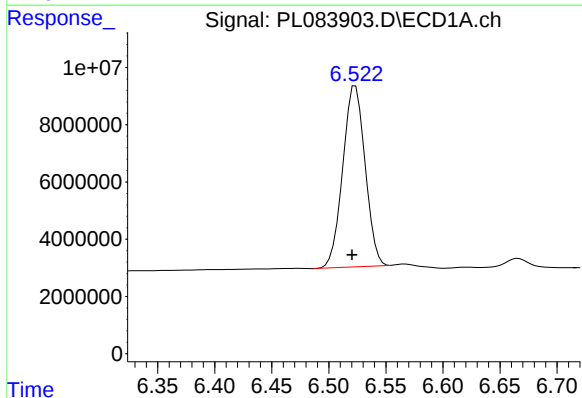
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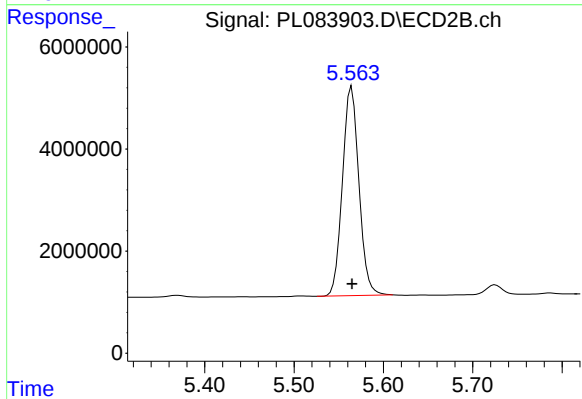
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 79388
Conc: 0.06 ng/ml m



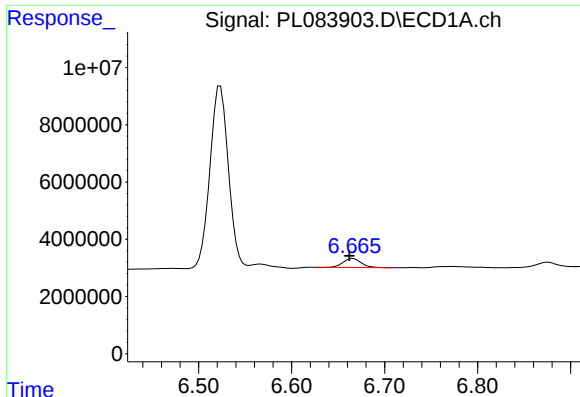
#14 Endrin

R.T.: 6.522 min
Delta R.T.: 0.002 min
Response: 86286673
Conc: 45.31 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 52490444
Conc: 47.75 ng/ml



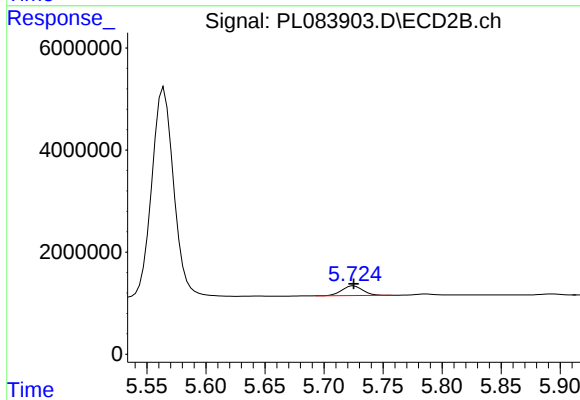
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 4263242
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

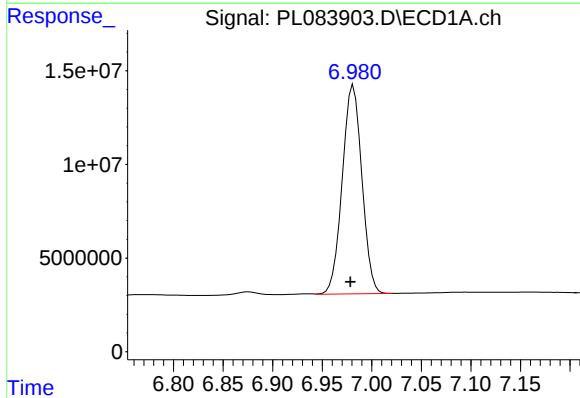
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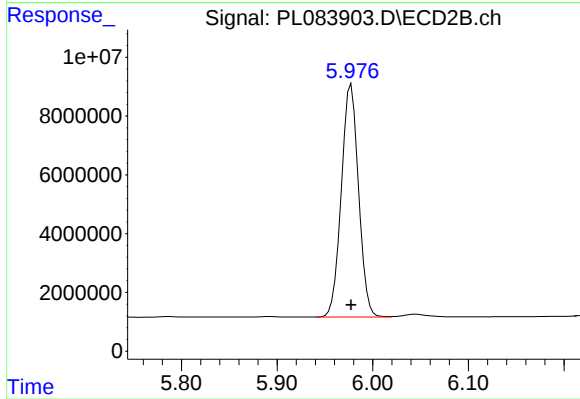
#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 2333550
Conc: 2.43 ng/ml



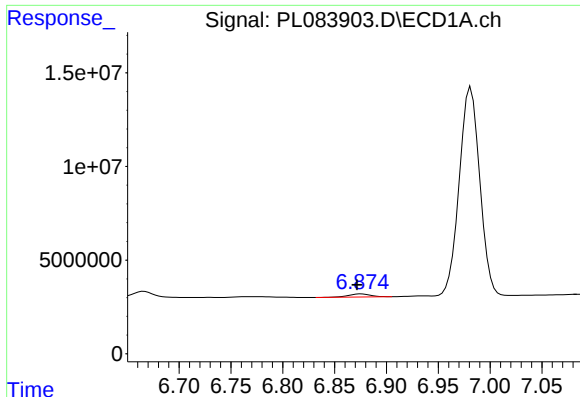
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 153633778
Conc: 96.33 ng/ml



#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 99309123
Conc: 109.04 ng/ml



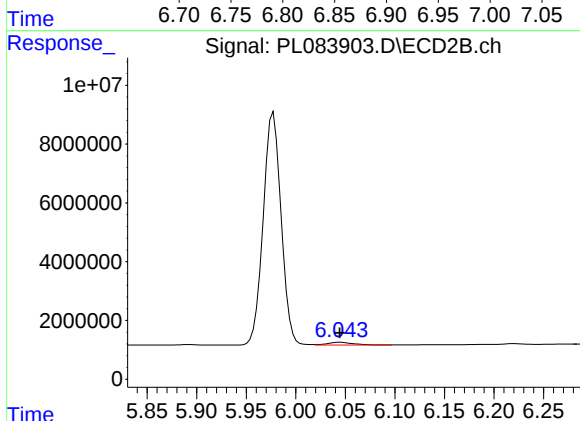
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 2455992
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

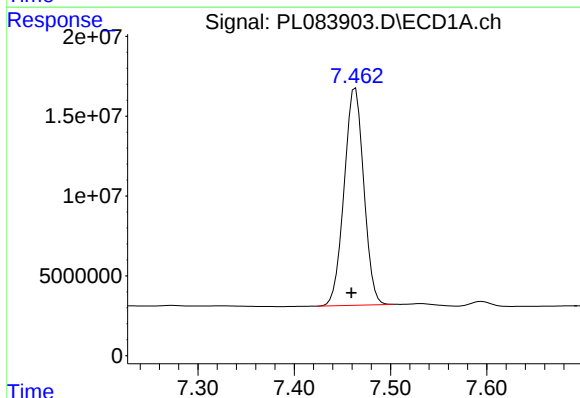
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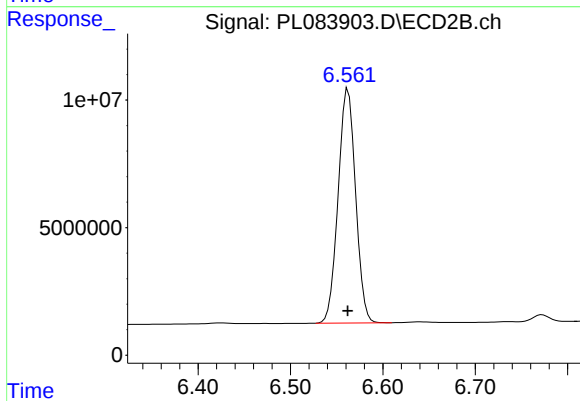
#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 1649309
Conc: 1.83 ng/ml



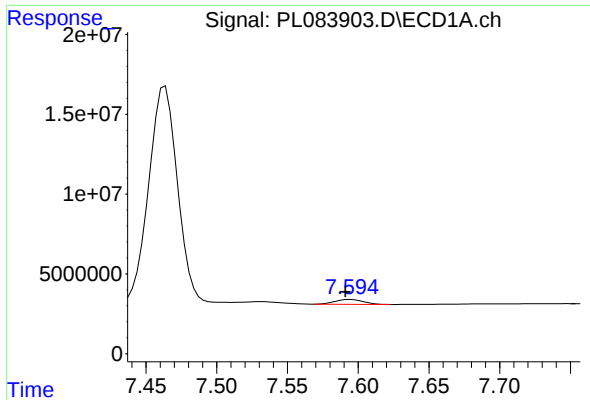
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 191842726
Conc: 245.25 ng/ml m



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 120783255
Conc: 252.03 ng/ml



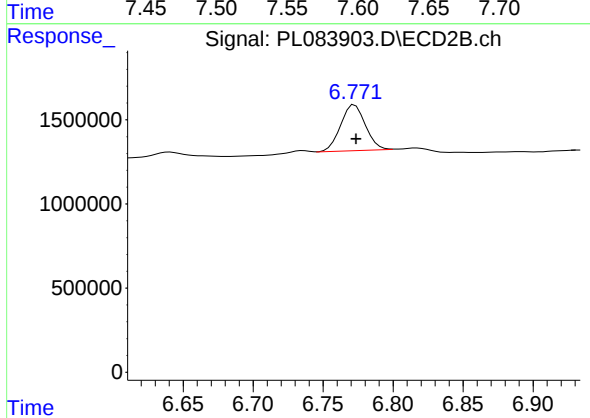
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 4261087
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

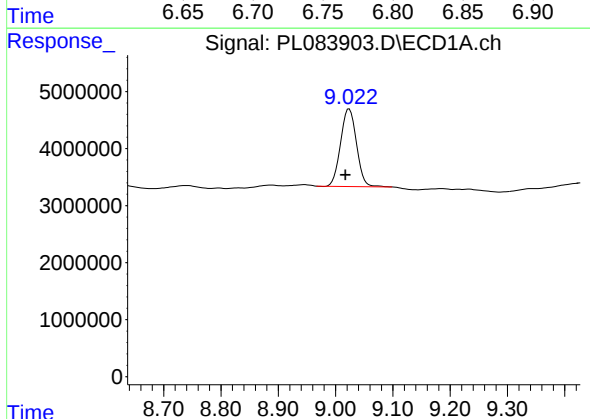
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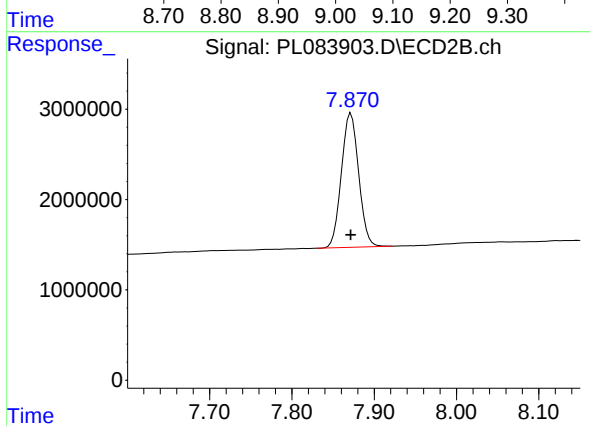
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 3377983
Conc: 2.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 26313246
Conc: 20.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 21632215
Conc: 19.47 ng/ml