

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
 Data File : PL083810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/13/2023
 Supervised By :Ankita Jodhani 07/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 14:33:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 14:26:23 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...	3.472	2.688	38787702	20884350	19.395	18.805
28)	SA Decachlor...	9.018	7.872	26418473	21474587	20.296	19.327
Target Compounds							
2)	A alpha-BHC	3.930	3.193	26096557	13547406	8.907	8.426
3)	MA gamma-BHC...	4.263	3.522	25537454	12651490	9.039	8.320m
6)	B beta-BHC	4.462	3.825	13041136	6382876	10.869	9.670
12)	B 4,4'-DDE	6.142	5.169	351375	133268	0.175m	0.108 #
14)	MA Endrin	6.519	5.564	83883509	47525749	44.047	43.235
16)	A 4,4'-DDD	6.661	5.723	1029313	486158	0.701m	0.507m#
17)	MA 4,4'-DDT	6.977	5.977	149.7E6	84574943	93.883	92.858
18)	B Endrin al...	6.870	6.043	2597944	1435180	1.773m	1.597m
20)	A Methoxychlor	7.459	6.562	175.4E6	101.7E6	224.284	212.112
21)	B Endrin ke...	7.589	6.772	3966399	2677216	2.263m	2.072m

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

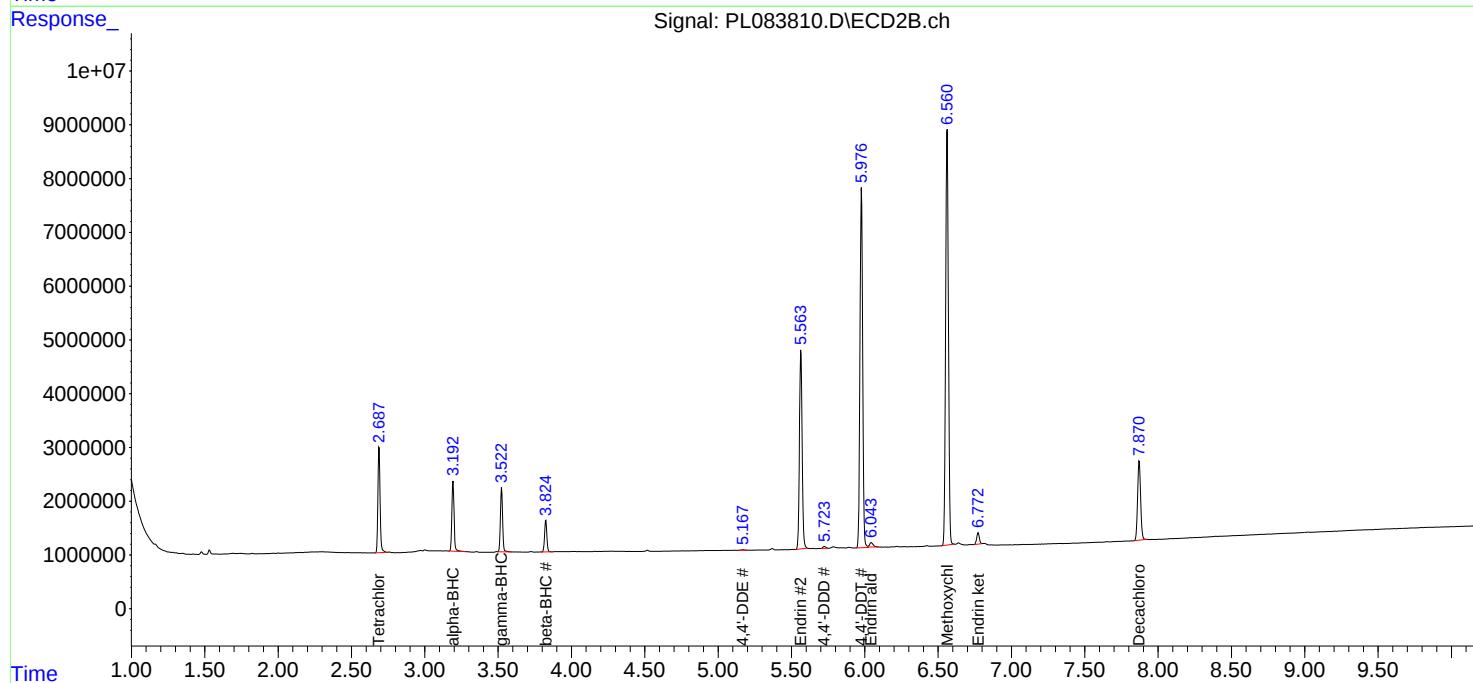
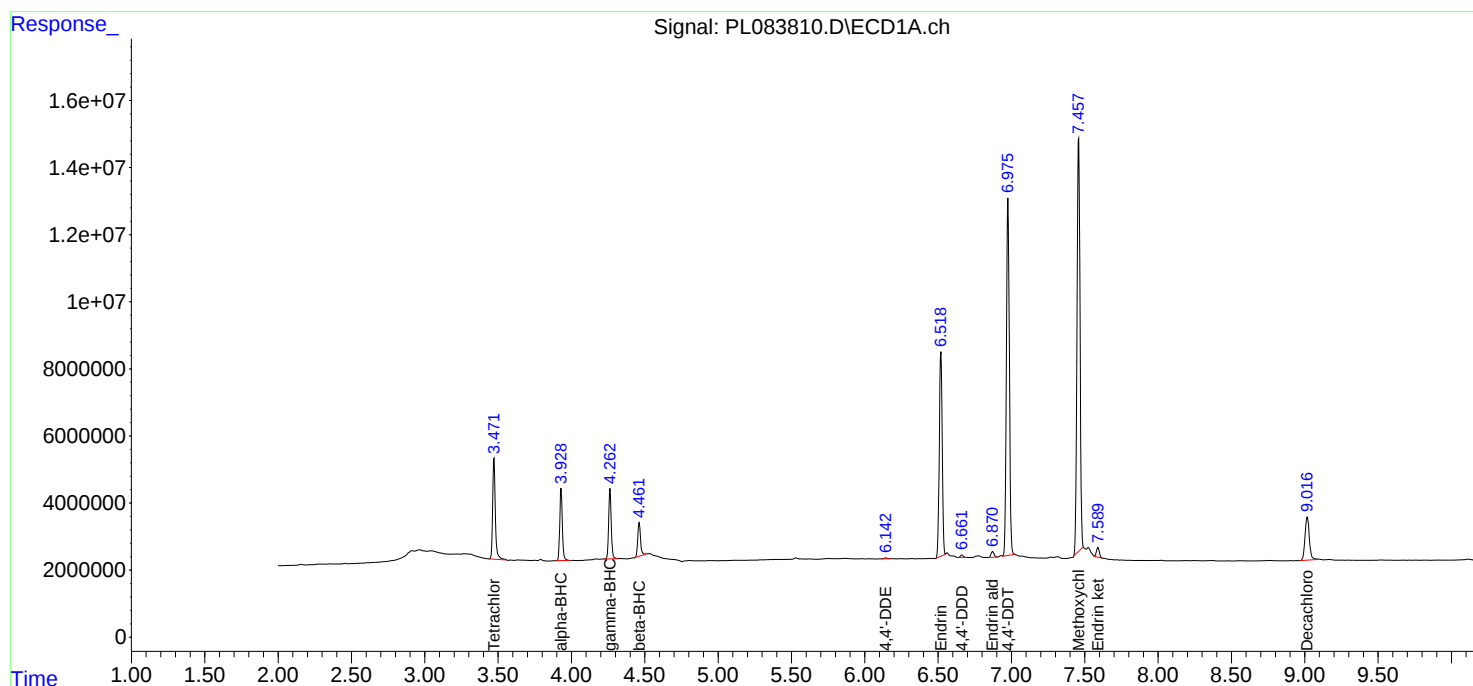
Instrument :
ECD_L
ClientSampleId :
PEM

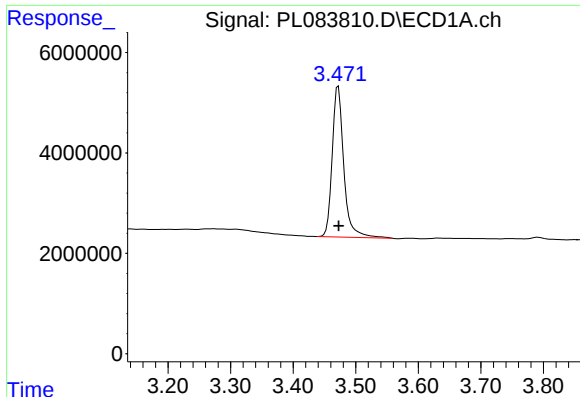
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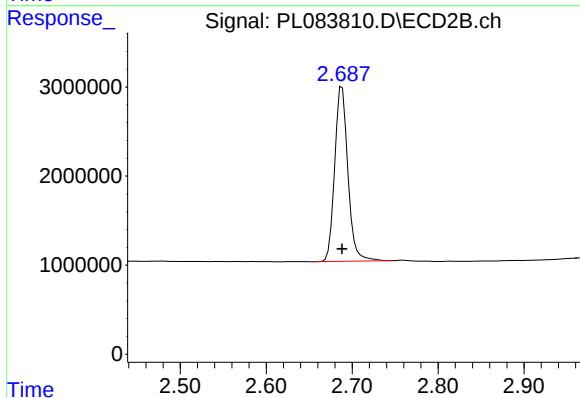
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: 0.000 min
Response: 38787702
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

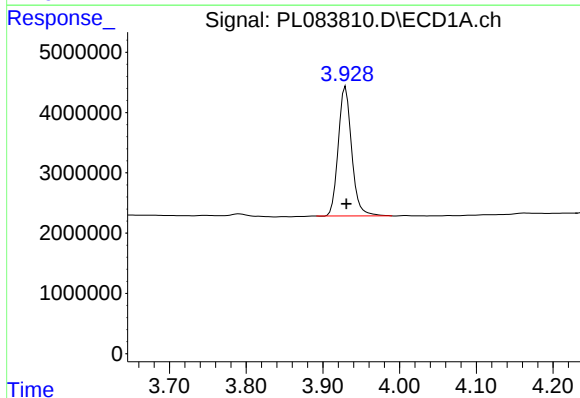
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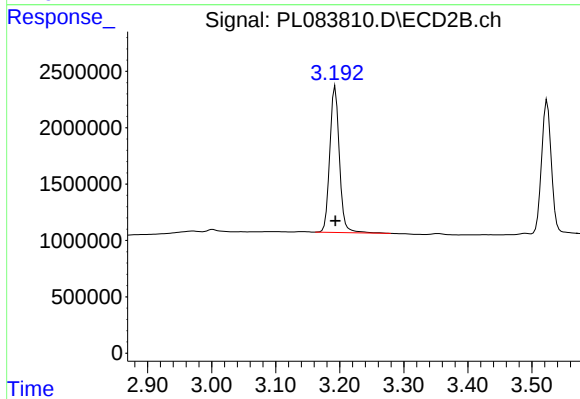
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 20884350
Conc: 18.80 ng/ml



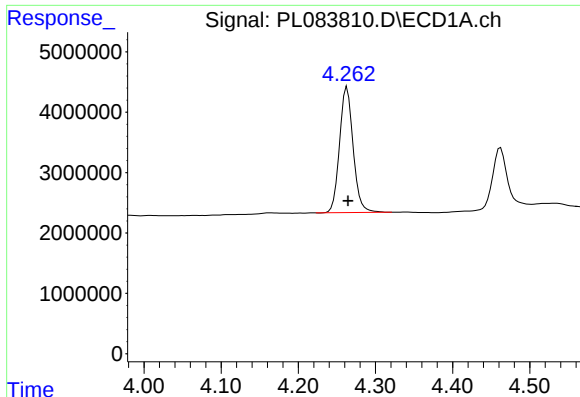
#2 alpha-BHC

R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 26096557
Conc: 8.91 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 13547406
Conc: 8.43 ng/ml



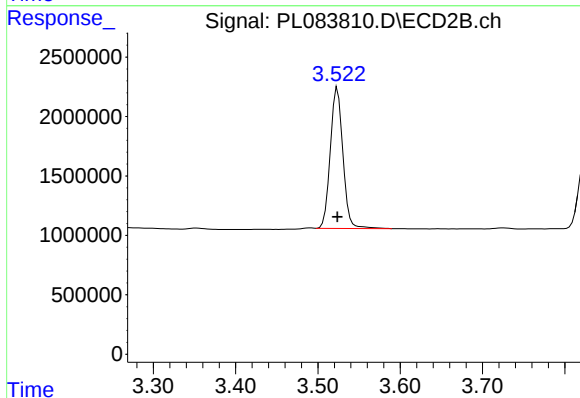
#3 gamma-BHC (Lindane)

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 25537454
Conc: 9.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

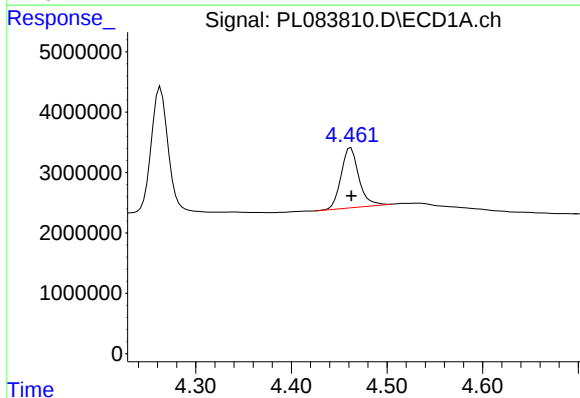
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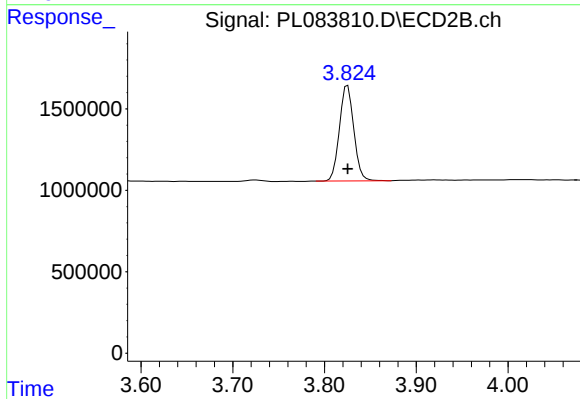
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 12651490
Conc: 8.32 ng/ml m



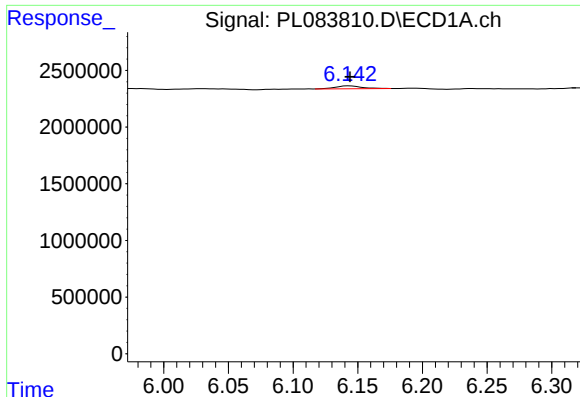
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 13041136
Conc: 10.87 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6382876
Conc: 9.67 ng/ml



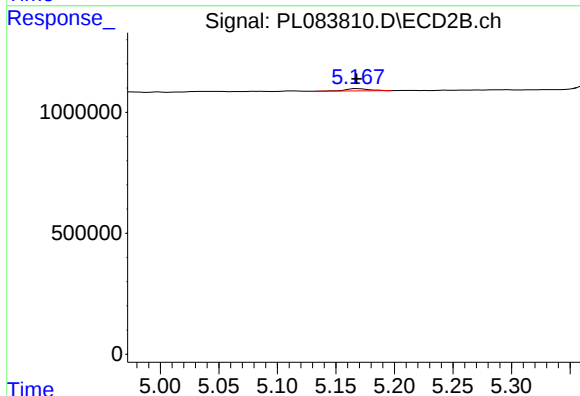
#12 4,4'-DDE

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 351375
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

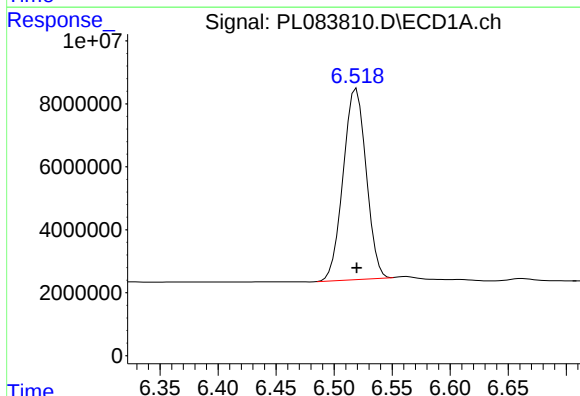
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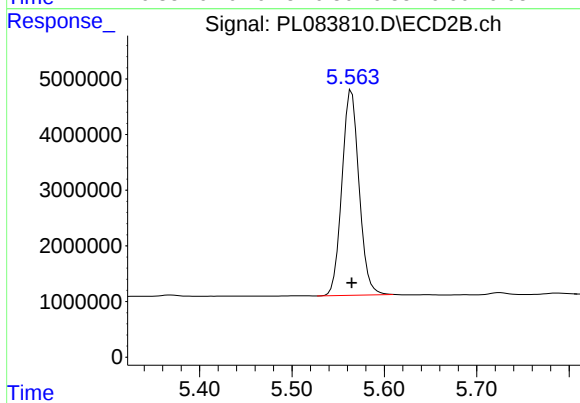
#12 4,4'-DDE

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 133268
Conc: 0.11 ng/ml



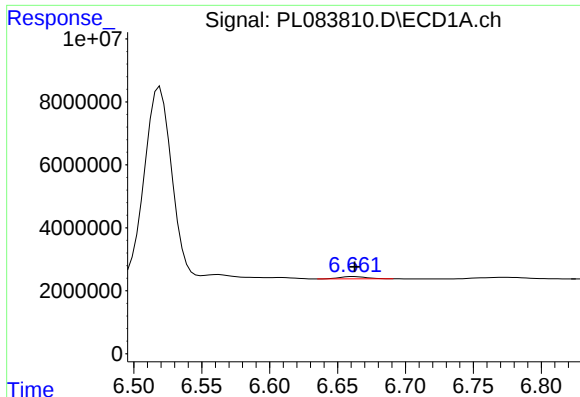
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 83883509
Conc: 44.05 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 47525749
Conc: 43.24 ng/ml



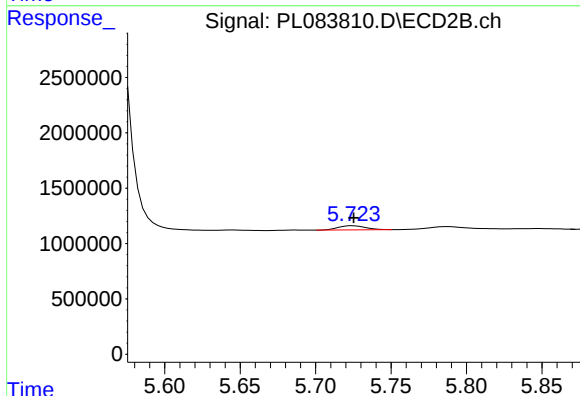
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 1029313
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

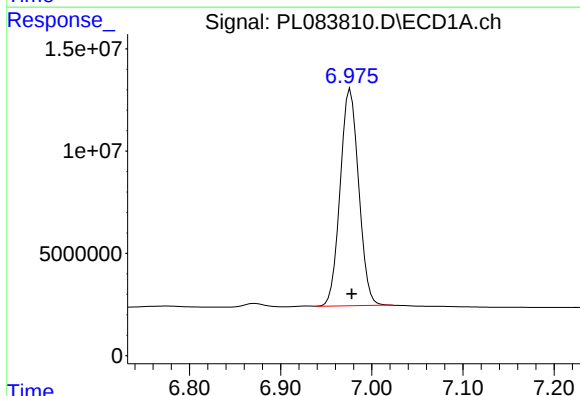
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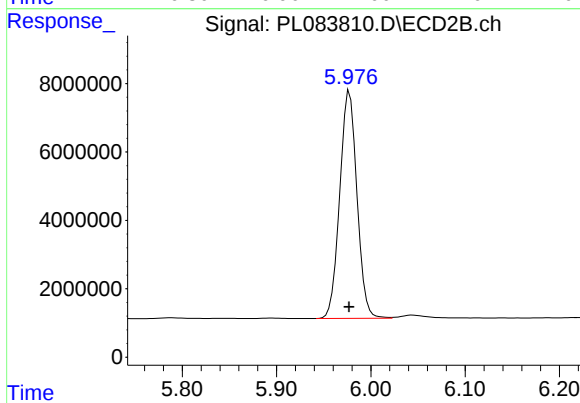
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 486158
Conc: 0.51 ng/ml m



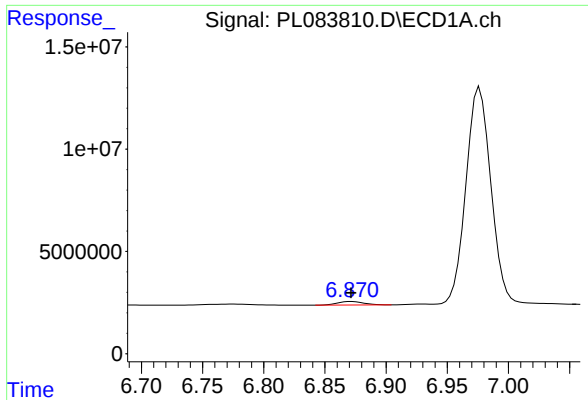
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.001 min
Response: 149723444
Conc: 93.88 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 84574943
Conc: 92.86 ng/ml



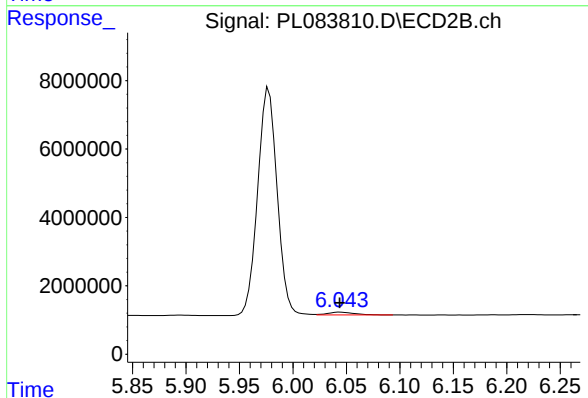
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 2597944
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

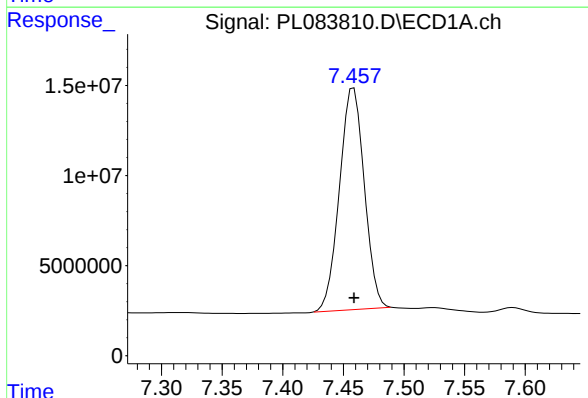
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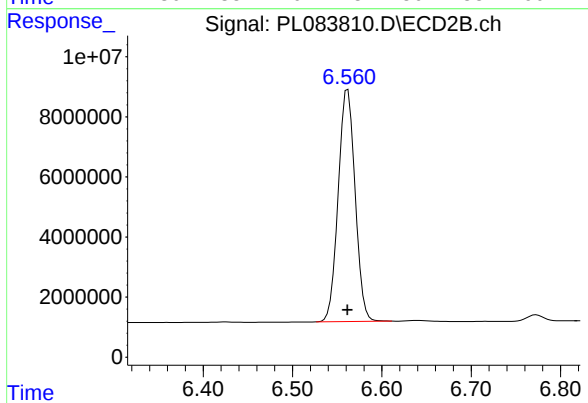
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1435180
Conc: 1.60 ng/ml m



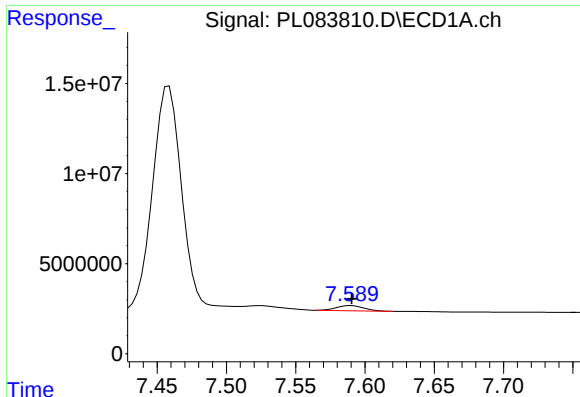
#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 175439712
Conc: 224.28 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 101652755
Conc: 212.11 ng/ml



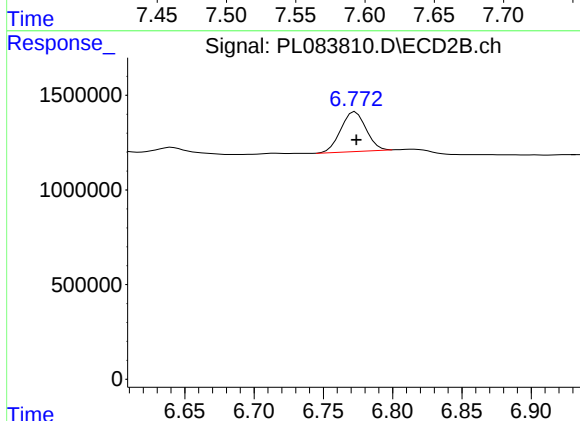
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 3966399
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

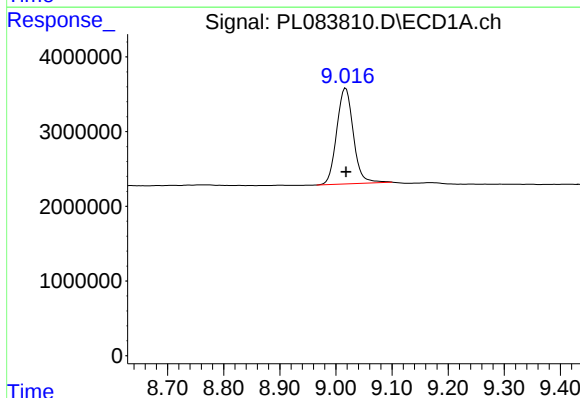
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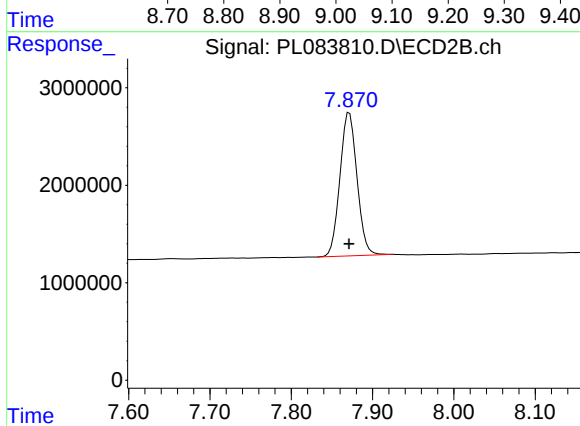
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 2677216
Conc: 2.07 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 26418473
Conc: 20.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 21474587
Conc: 19.33 ng/ml