

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010523\
 Data File : PL080123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2023 17:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/06/2023
 Supervised By : Ankita Jodhani 01/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 20:32:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.370	2.693	39660861	42365360	19.939	18.632
28)	SA Decachlor...	8.881	7.847	34637710	43811777	20.188	19.392
Target Compounds							
2)	A alpha-BHC	3.821	3.195	26067958	27905948	9.124	8.332
3)	MA gamma-BHC...	4.152	3.523	19688424	26557900	10.018	8.660
6)	B beta-BHC	4.350	3.819	9533810	12313793	10.415	9.178
12)	B 4,4'-DDE	6.028	5.160	175796	247953	0.112m	0.107
14)	MA Endrin	6.403	5.558	67988851	102.3E6	44.333	45.435
16)	A 4,4'-DDD	6.552	5.711	2962541	3210037	2.251m	1.740
17)	MA 4,4'-DDT	6.870	5.962	138.2E6	203.1E6	92.469	99.721
18)	B Endrin al...	6.757	6.032	1451110	2677192	1.194	1.525m#
20)	A Methoxychlor	7.361	6.541	203.0E6	273.3E6	228.287	238.507
21)	B Endrin ke...	7.477	6.757	4552401	5677830	2.558	2.330m

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

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Acq On : 05 Jan 2023 17:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

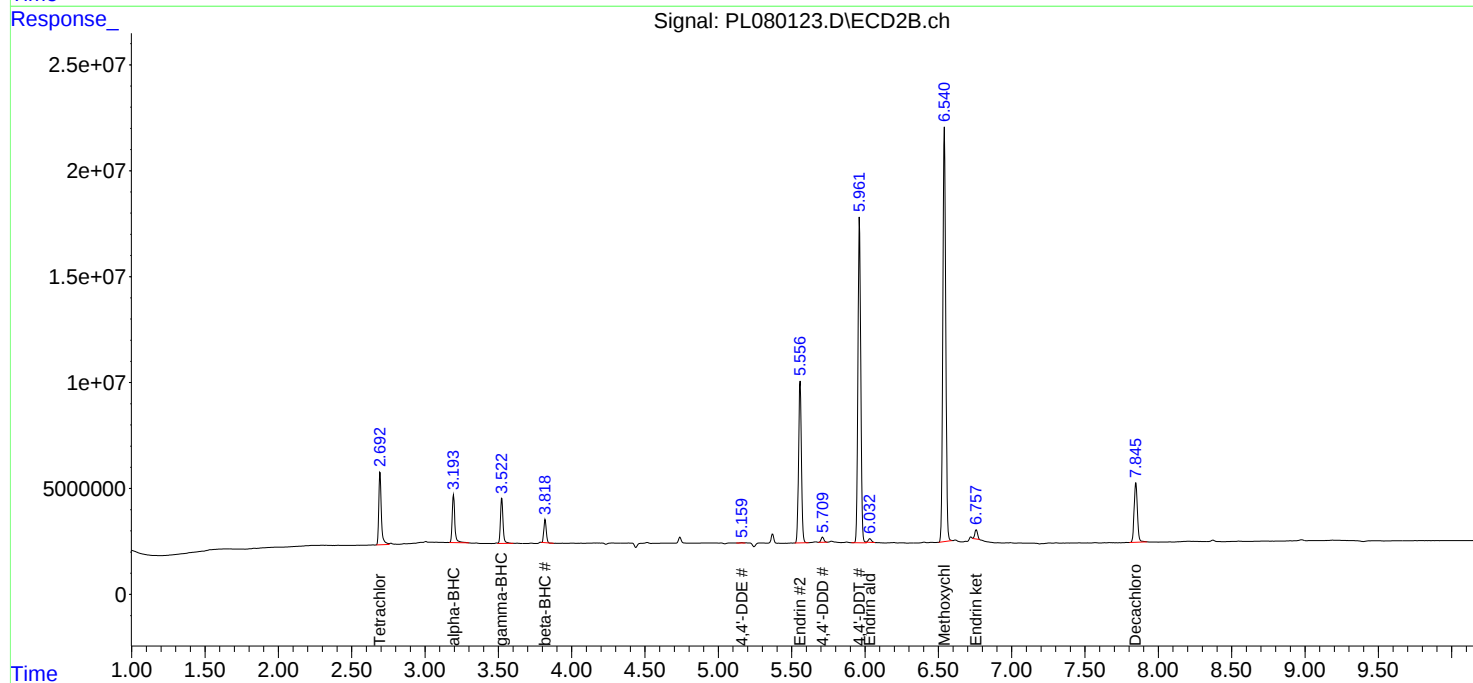
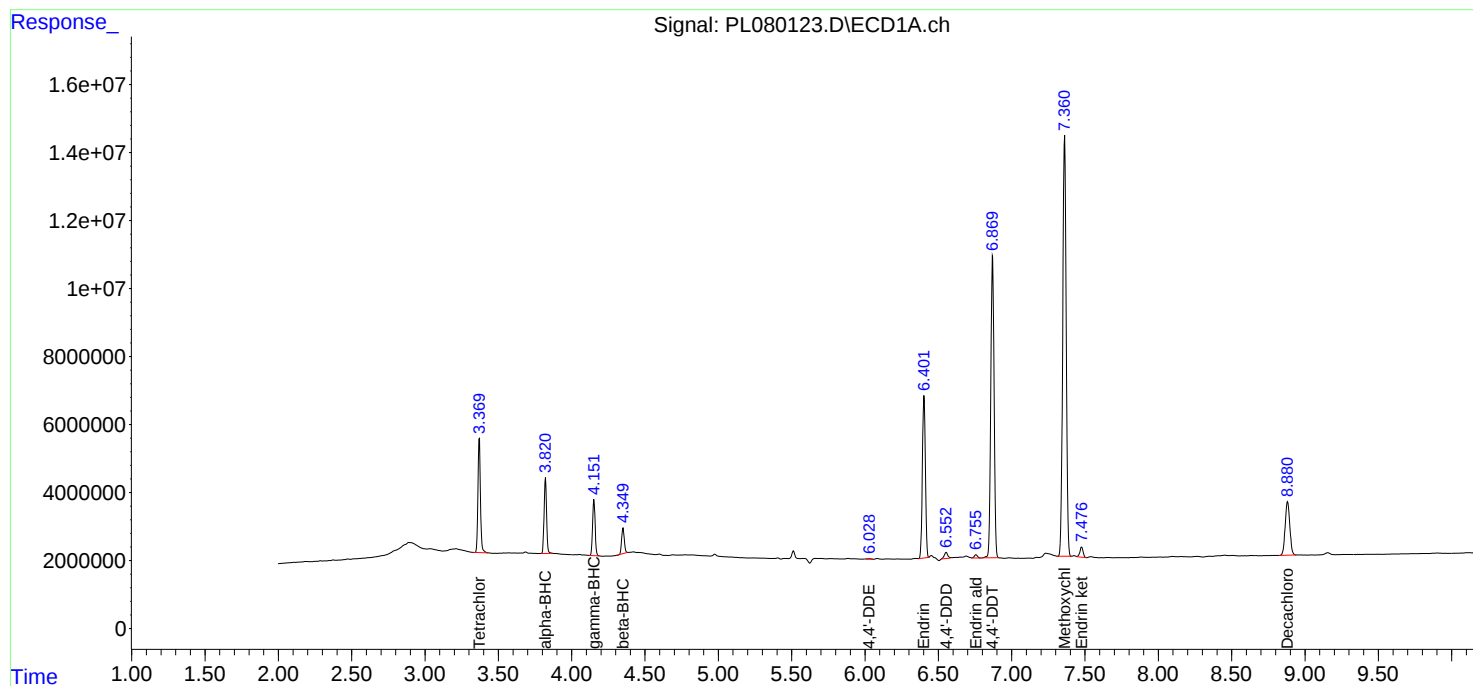
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ECD_L
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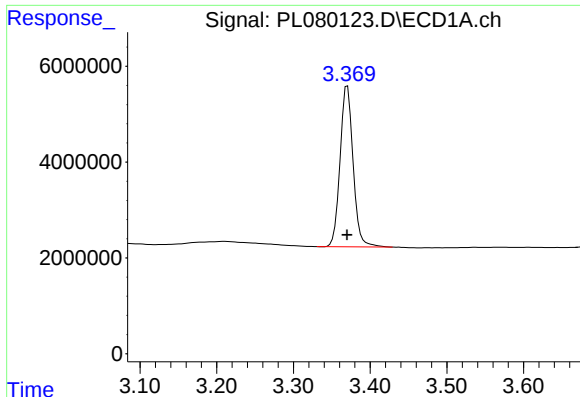
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
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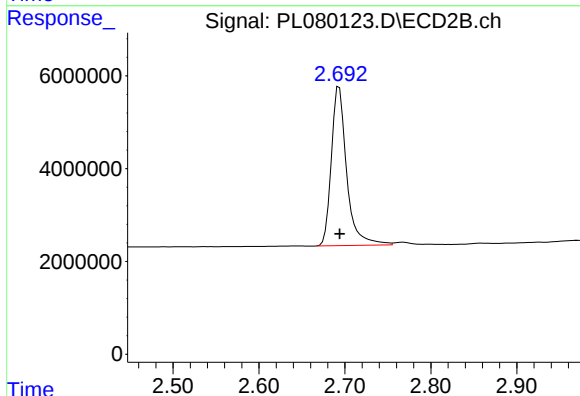
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 39660861
Conc: 19.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

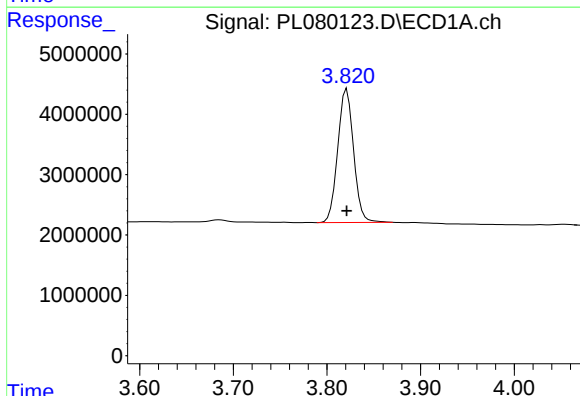
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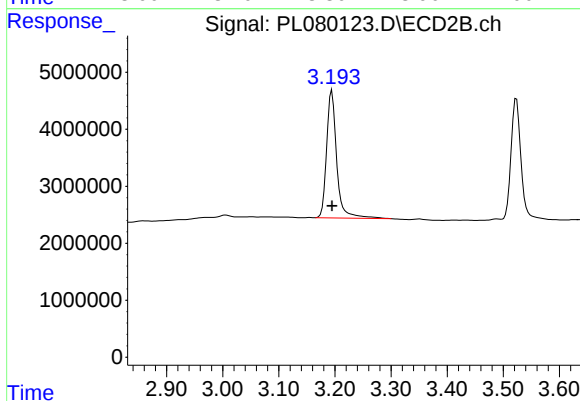
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 42365360
Conc: 18.63 ng/ml



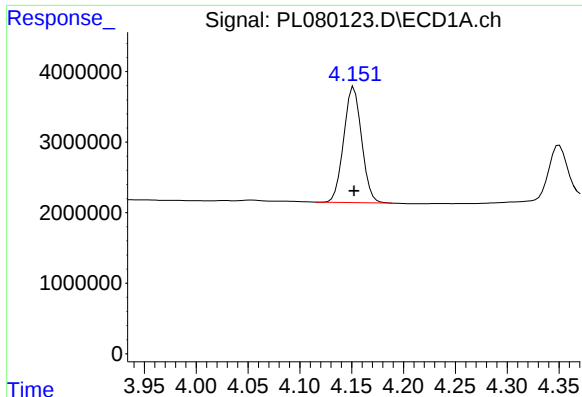
#2 alpha-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 26067958
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 27905948
Conc: 8.33 ng/ml



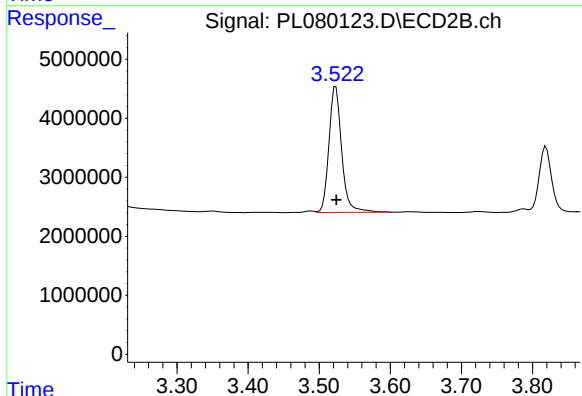
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 19688424
Conc: 10.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

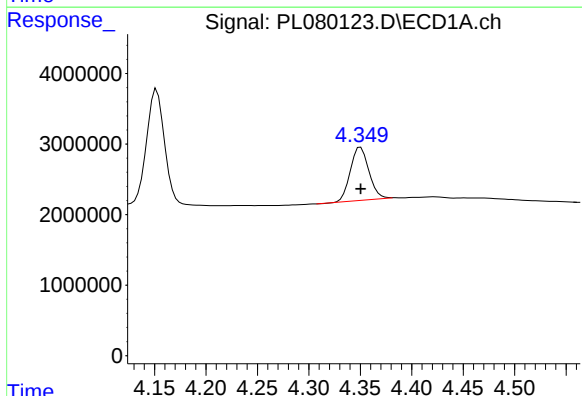
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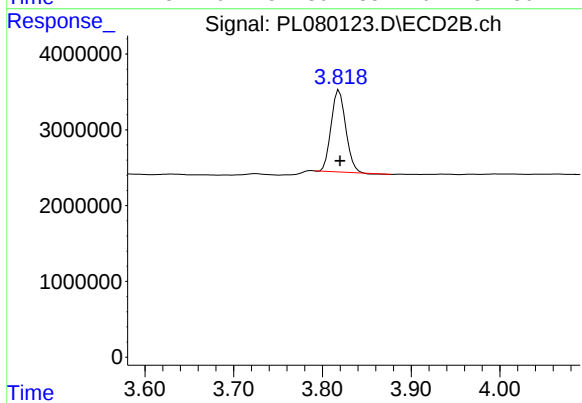
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 26557900
Conc: 8.66 ng/ml



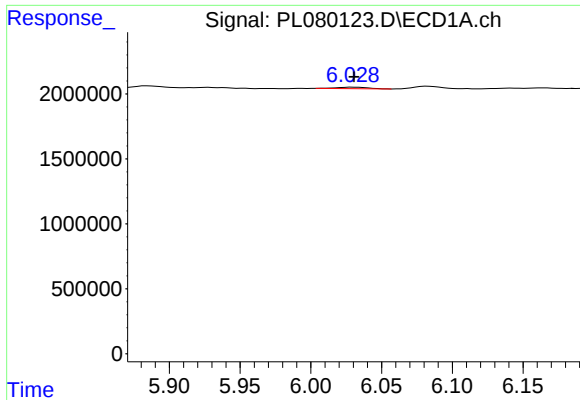
#6 beta-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 9533810
Conc: 10.42 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 12313793
Conc: 9.18 ng/ml



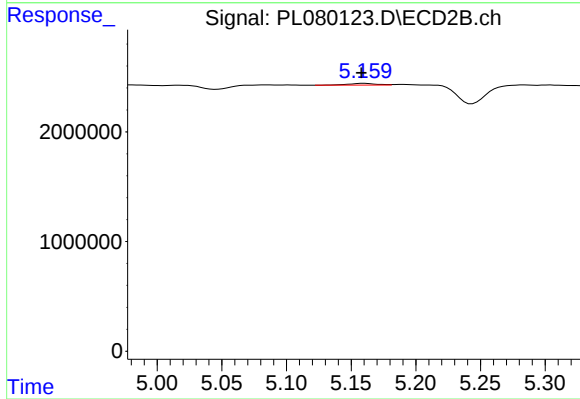
#12 4,4'-DDE

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 175796
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

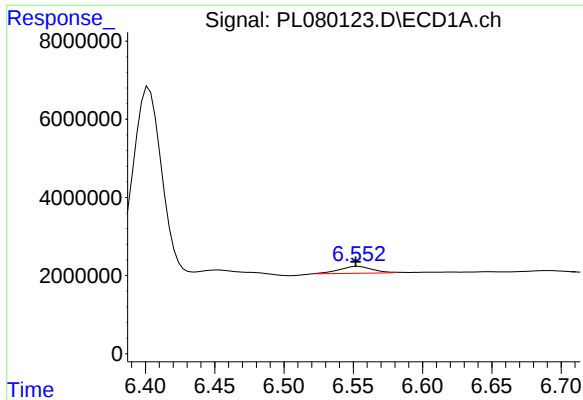
R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 247953
Conc: 0.11 ng/ml

#14 Endrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 67988851
Conc: 44.33 ng/ml

#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 102250517
Conc: 45.43 ng/ml



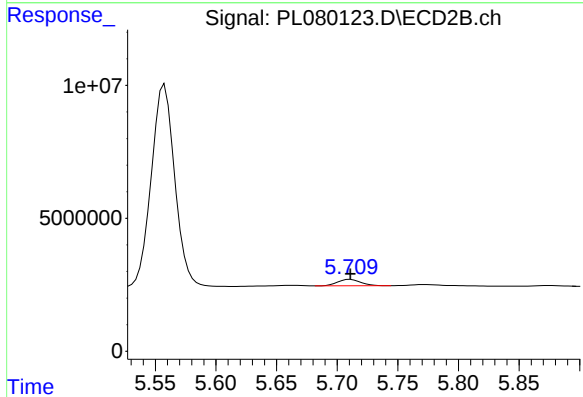
#16 4,4'-DDD

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 2962541
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

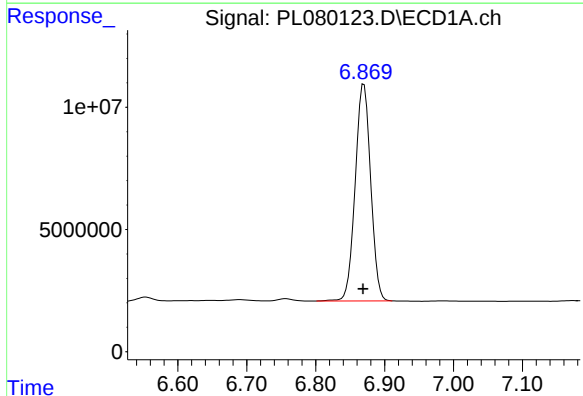
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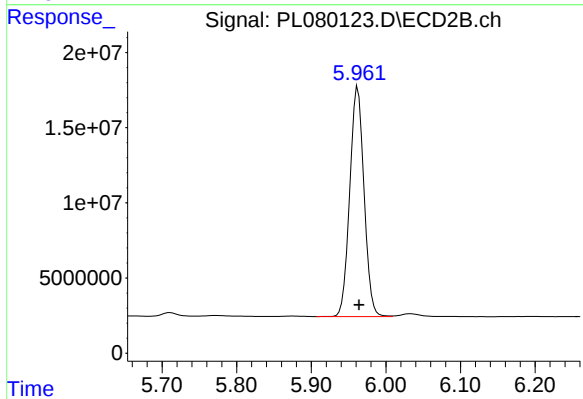
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 3210037
Conc: 1.74 ng/ml



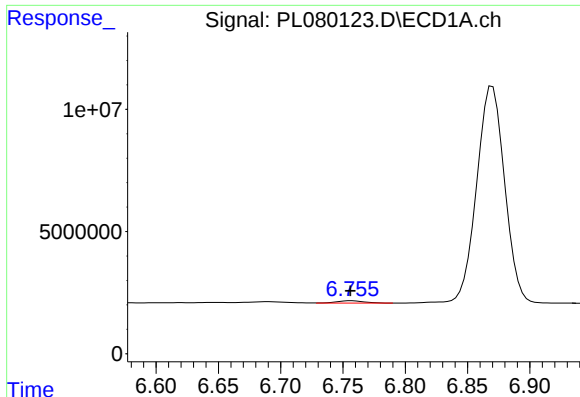
#17 4,4'-DDT

R.T.: 6.870 min
Delta R.T.: 0.001 min
Response: 138238140
Conc: 92.47 ng/ml



#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 203051931
Conc: 99.72 ng/ml



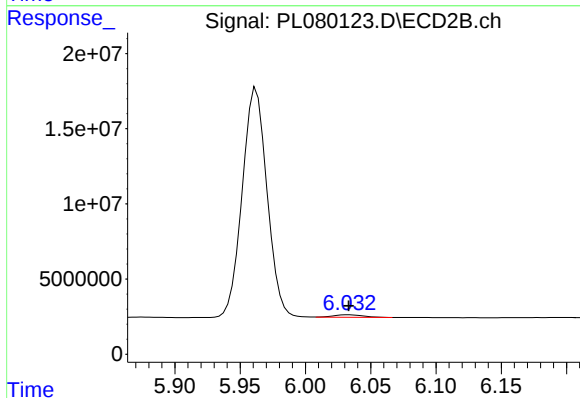
#18 Endrin aldehyde

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1451110
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

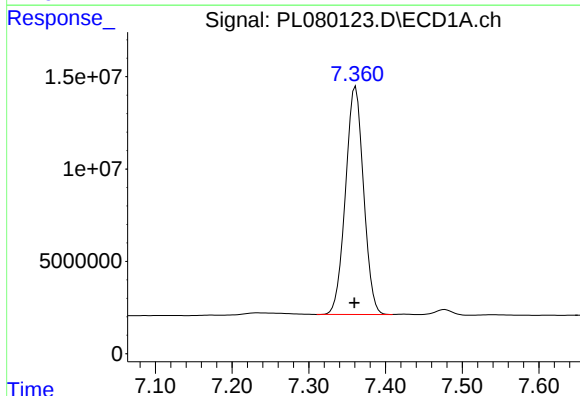
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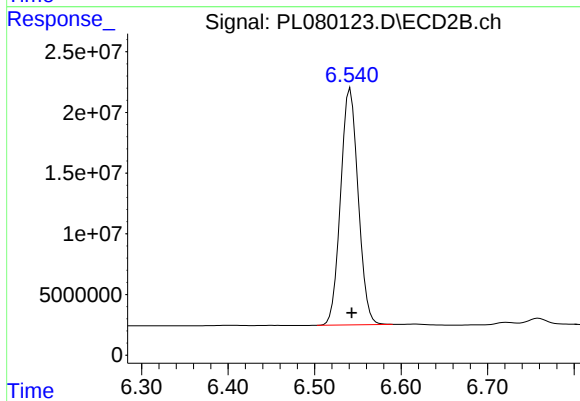
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 2677192
Conc: 1.52 ng/ml m



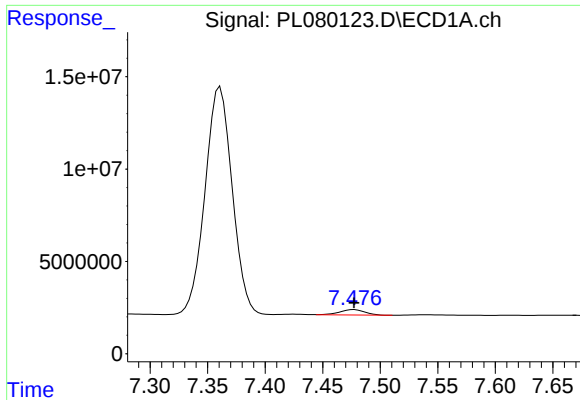
#20 Methoxychlor

R.T.: 7.361 min
Delta R.T.: 0.001 min
Response: 203007131
Conc: 228.29 ng/ml



#20 Methoxychlor

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 273347267
Conc: 238.51 ng/ml



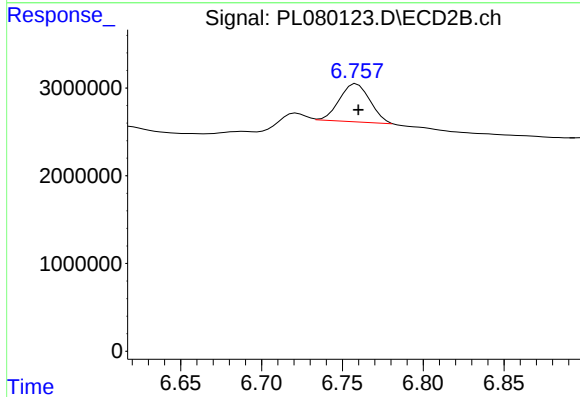
#21 Endrin ketone

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 4552401
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

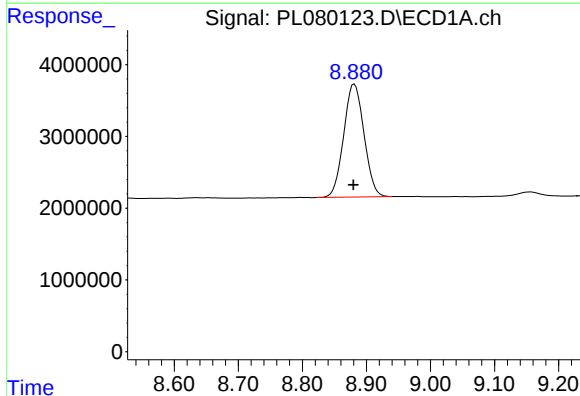
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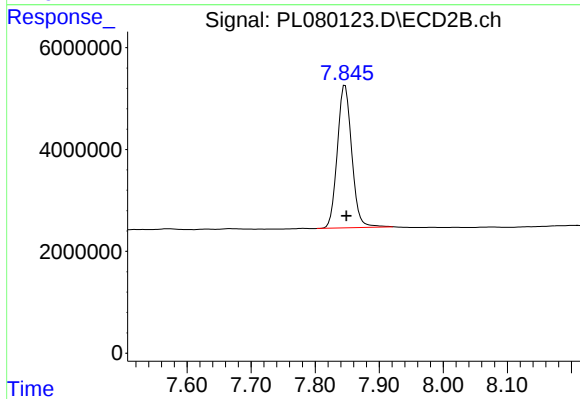
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 5677830
Conc: 2.33 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: 0.001 min
Response: 34637710
Conc: 20.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: -0.002 min
Response: 43811777
Conc: 19.39 ng/ml