

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
 Data File : PL088244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2024 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/26/2024
 Supervised By : Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 12:59:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.636	2.854	57583987	29210507	20.965	20.827
28)	SA Decachlor...	9.308	8.087	48789019	30606166	25.333	24.037
Target Compounds							
2)	A alpha-BHC	4.101	3.369	40155351	19825754	9.620	9.648
3)	MA gamma-BHC...	4.439	3.706	39074122	18908605	9.649	9.442
6)	B beta-BHC	4.636	4.007	19885094	9850183	11.418	11.067
14)	MA Endrin	6.722	5.776	135.2E6	76105379	51.999	50.902
16)	A 4,4'-DDD	6.855	5.927	2155987	1567811	0.831m	1.148 #
17)	MA 4,4'-DDT	7.175	6.181	275.8E6	162.3E6	104.913	118.851
18)	B Endrin al...	7.074	6.257	3326312	2655854	1.609	2.432 #
20)	A Methoxychlor	7.656	6.766	367.0E6	209.5E6	277.240	267.292
21)	B Endrin ke...	7.803	6.995	6801947	5367354	2.428	3.206 #

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

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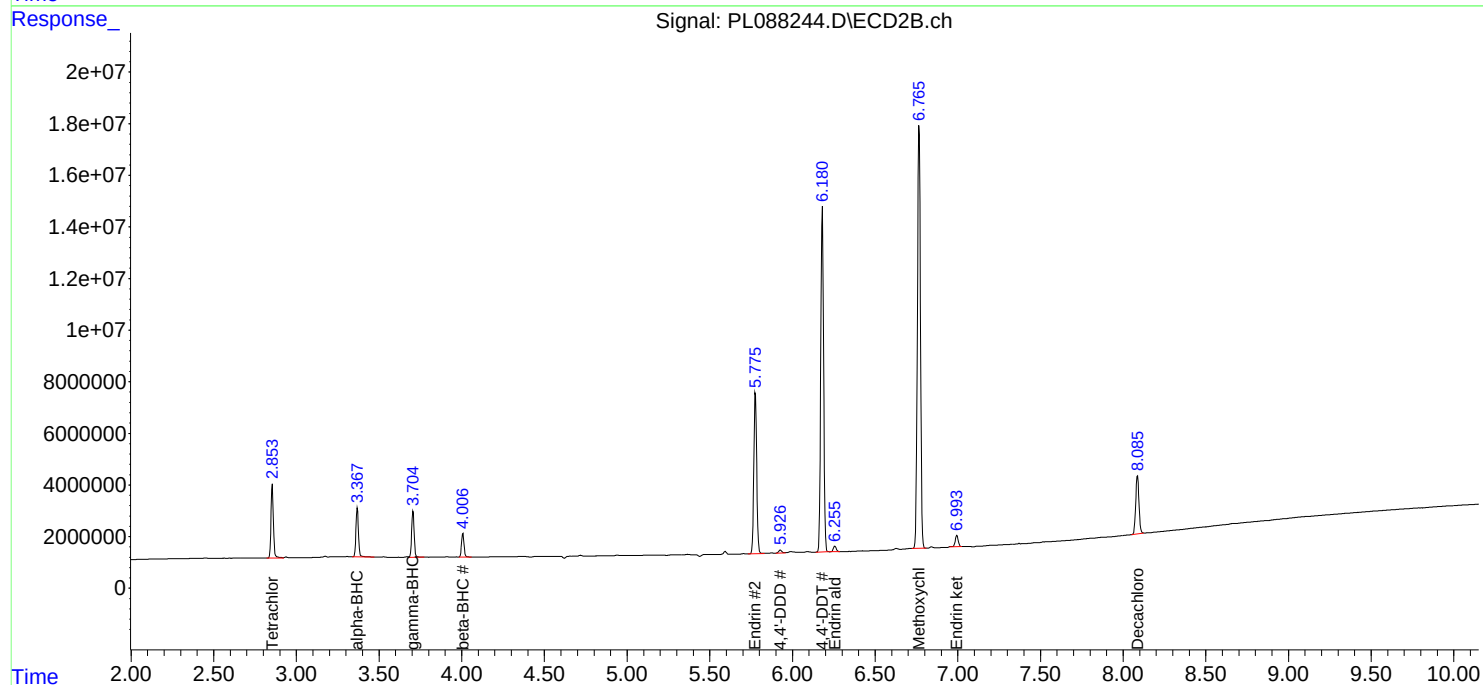
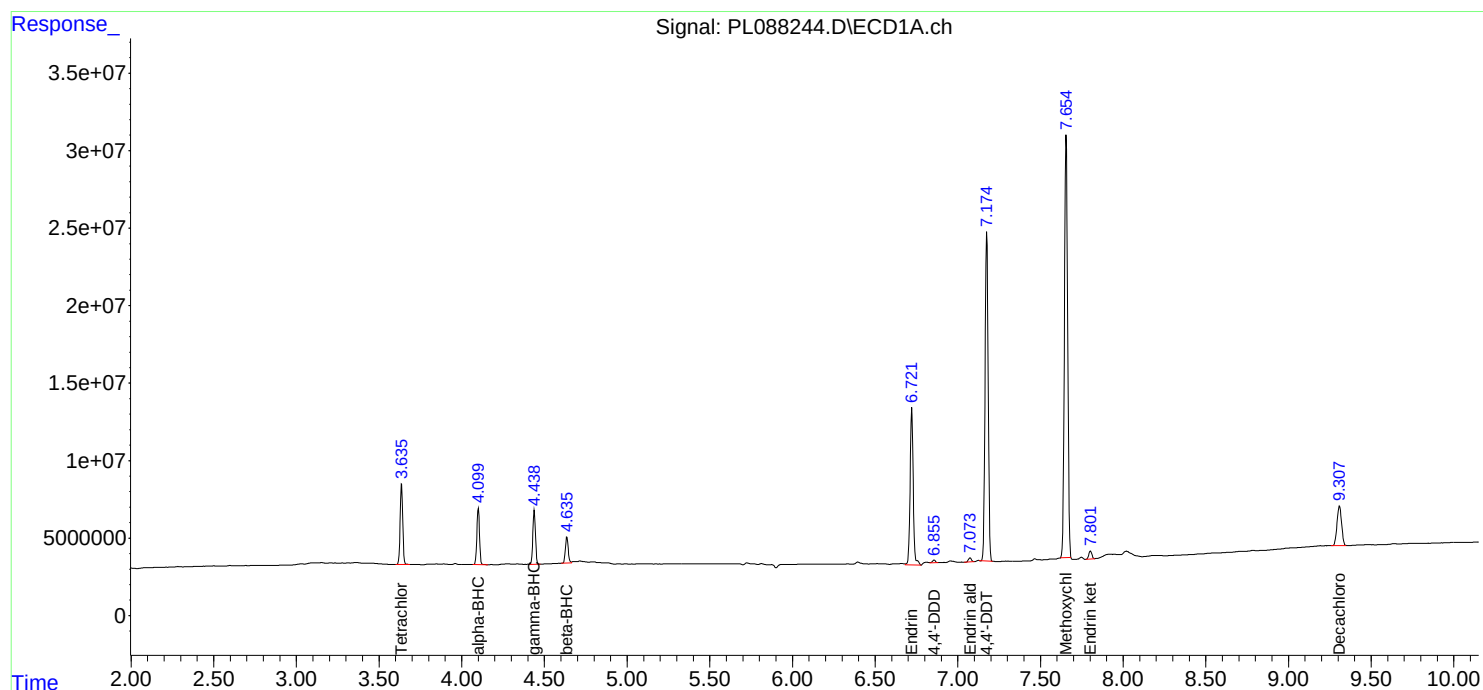
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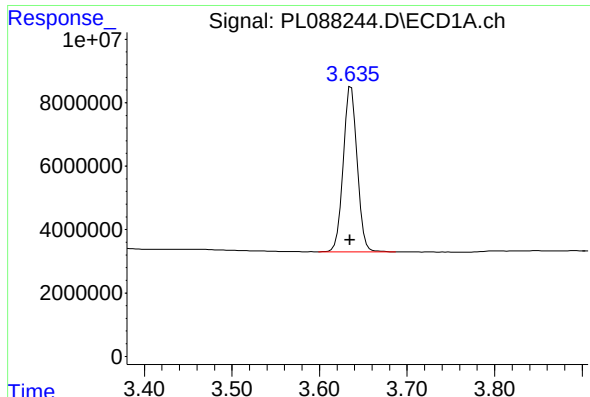
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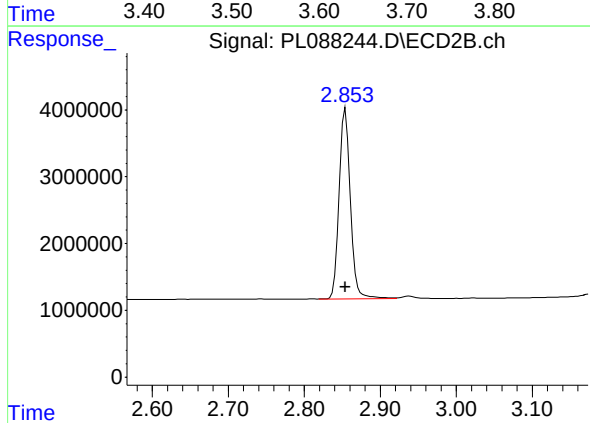
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.001 min
Response: 57583987
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

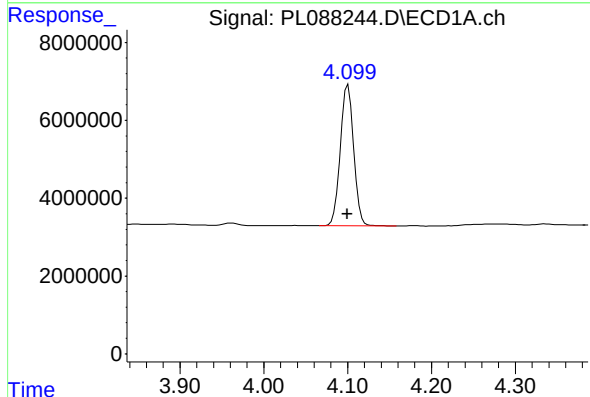
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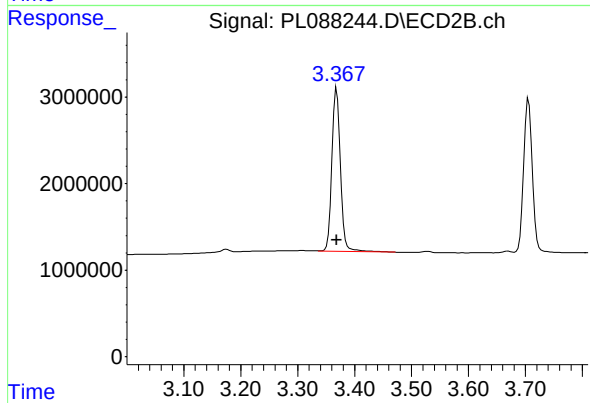
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 29210507
Conc: 20.83 ng/ml



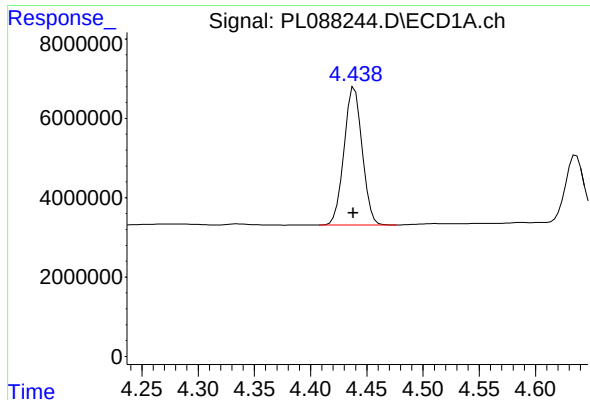
#2 alpha-BHC

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 40155351
Conc: 9.62 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 19825754
Conc: 9.65 ng/ml



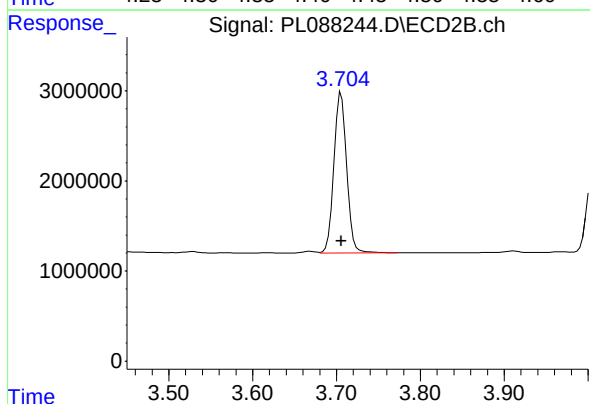
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 39074122
Conc: 9.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

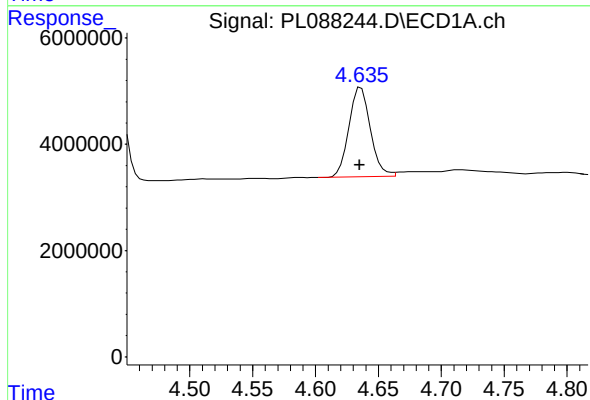
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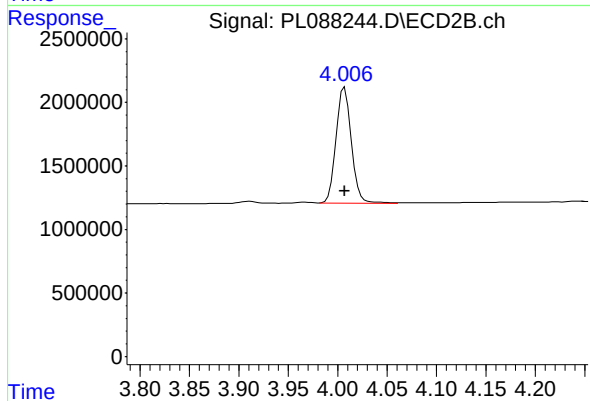
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 18908605
Conc: 9.44 ng/ml



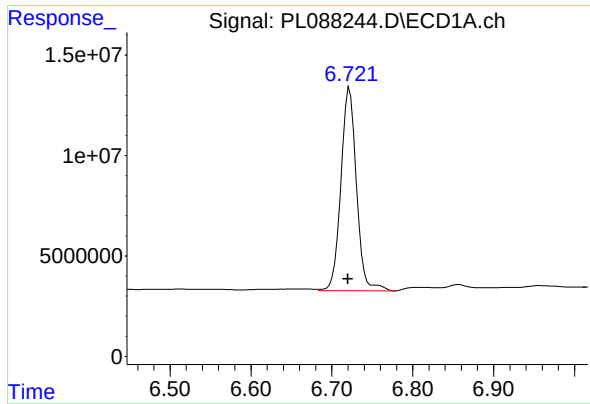
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19885094
Conc: 11.42 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9850183
Conc: 11.07 ng/ml



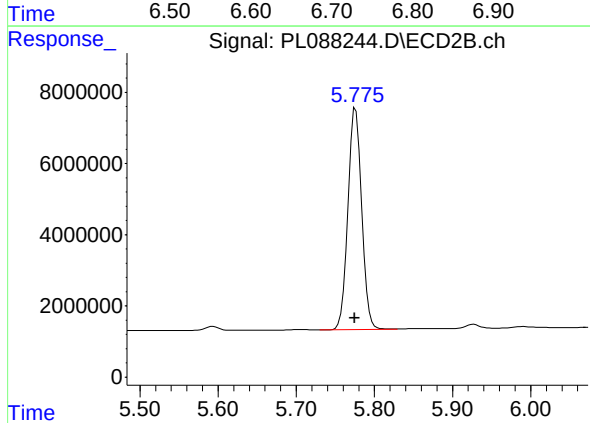
#14 Endrin

R.T.: 6.722 min
Delta R.T.: 0.002 min
Response: 135230177
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

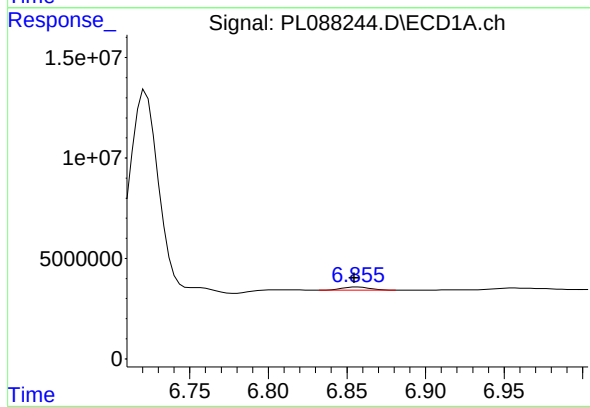
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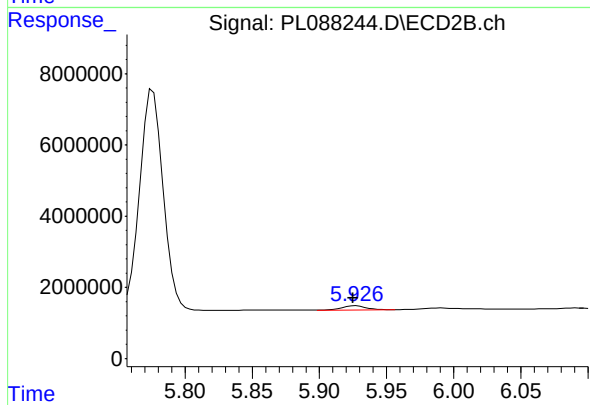
#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 76105379
Conc: 50.90 ng/ml



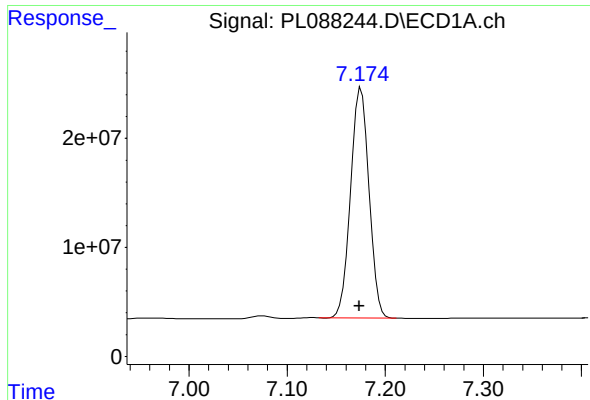
#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 2155987
Conc: 0.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 1567811
Conc: 1.15 ng/ml



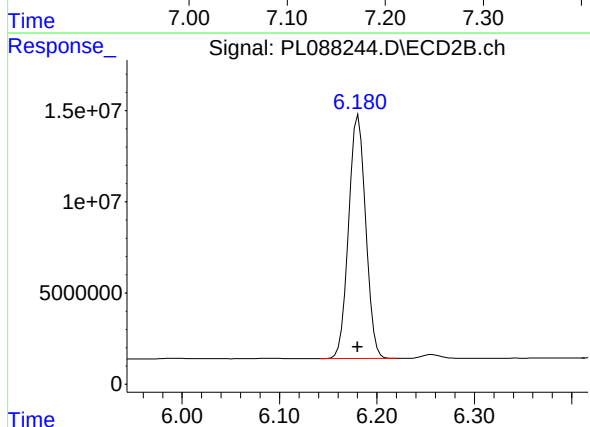
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 275838465
Conc: 104.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

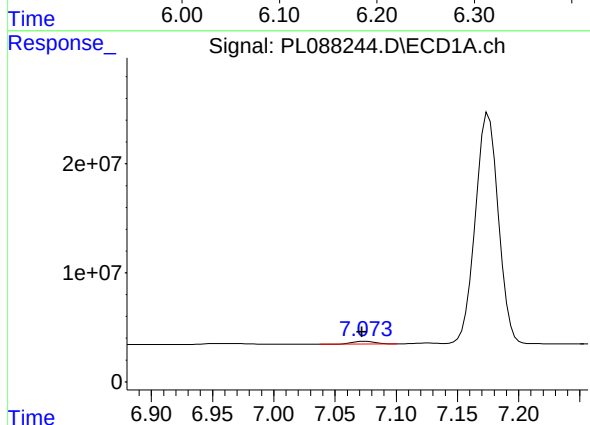
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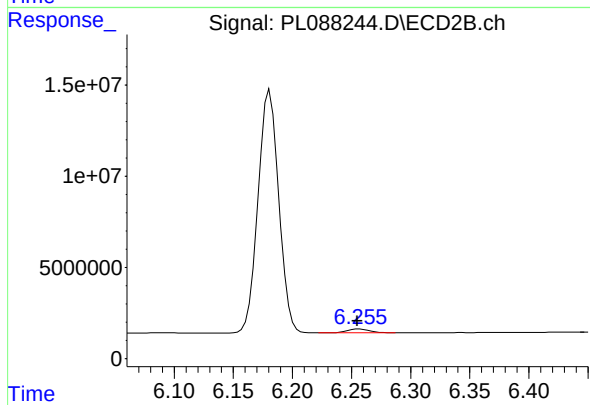
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 162259533
Conc: 118.85 ng/ml



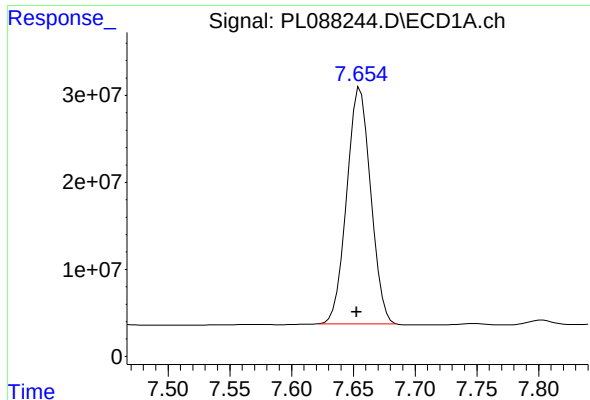
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 3326312
Conc: 1.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.002 min
Response: 2655854
Conc: 2.43 ng/ml



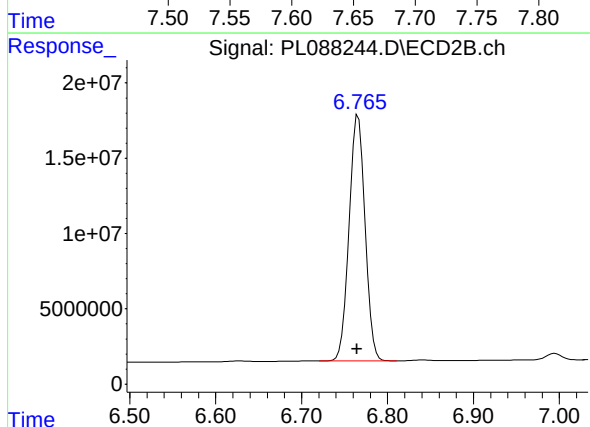
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 366985237
Conc: 277.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

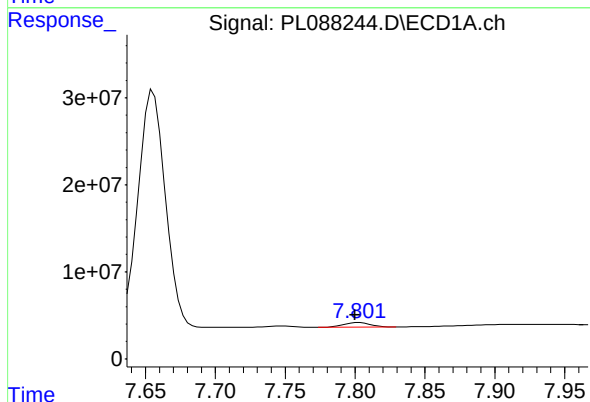
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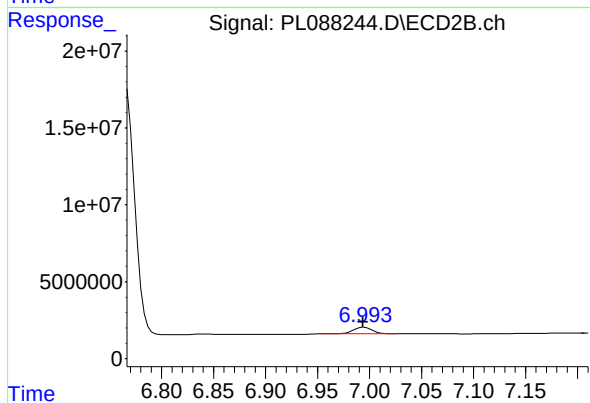
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 209492084
Conc: 267.29 ng/ml



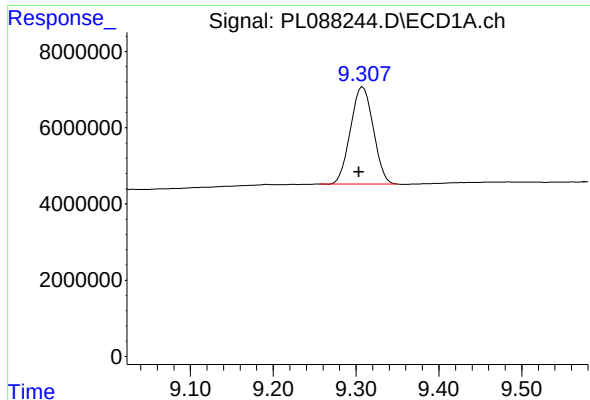
#21 Endrin ketone

R.T.: 7.803 min
Delta R.T.: 0.003 min
Response: 6801947
Conc: 2.43 ng/ml



#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 5367354
Conc: 3.21 ng/ml



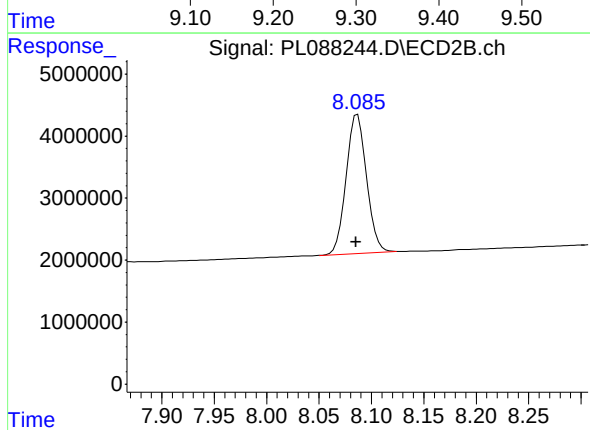
#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.005 min
Response: 48789019
Conc: 25.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 30606166
Conc: 24.04 ng/ml