

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022024\
 Data File : PL088146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 09:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2024
 Supervised By :Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:13:39 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...	3.635	2.854	58305706	27432077	21.227	19.559
28)	SA Decachlor...	9.298	8.083	47520461	27147432	24.674	21.321
Target Compounds							
2)	A alpha-BHC	4.099	3.369	39989856	18416927	9.580	8.963
3)	MA gamma-BHC...	4.437	3.705	38660436	17469292	9.547	8.724
6)	B beta-BHC	4.635	4.007	20660804	9057635	11.863	10.176
12)	B 4,4'-DDE	6.329	5.362	544806	342822	0.180m	0.216m
14)	MA Endrin	6.717	5.774	121.8E6	66356162	46.849	44.381
16)	A 4,4'-DDD	6.852	5.925	6664340	3356375	2.569	2.457
17)	MA 4,4'-DDT	7.170	6.179	260.3E6	142.1E6	99.016	104.102
18)	B Endrin al...	7.069	6.254	5292953	3424011	2.560	3.135
20)	A Methoxychlor	7.650	6.763	336.7E6	181.8E6	254.349	231.918
21)	B Endrin ke...	7.797	6.992	10483569	6905480	3.743	4.125

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

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Acq On : 20 Feb 2024 09:44
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ALS Vial : 3 Sample Multiplier: 1

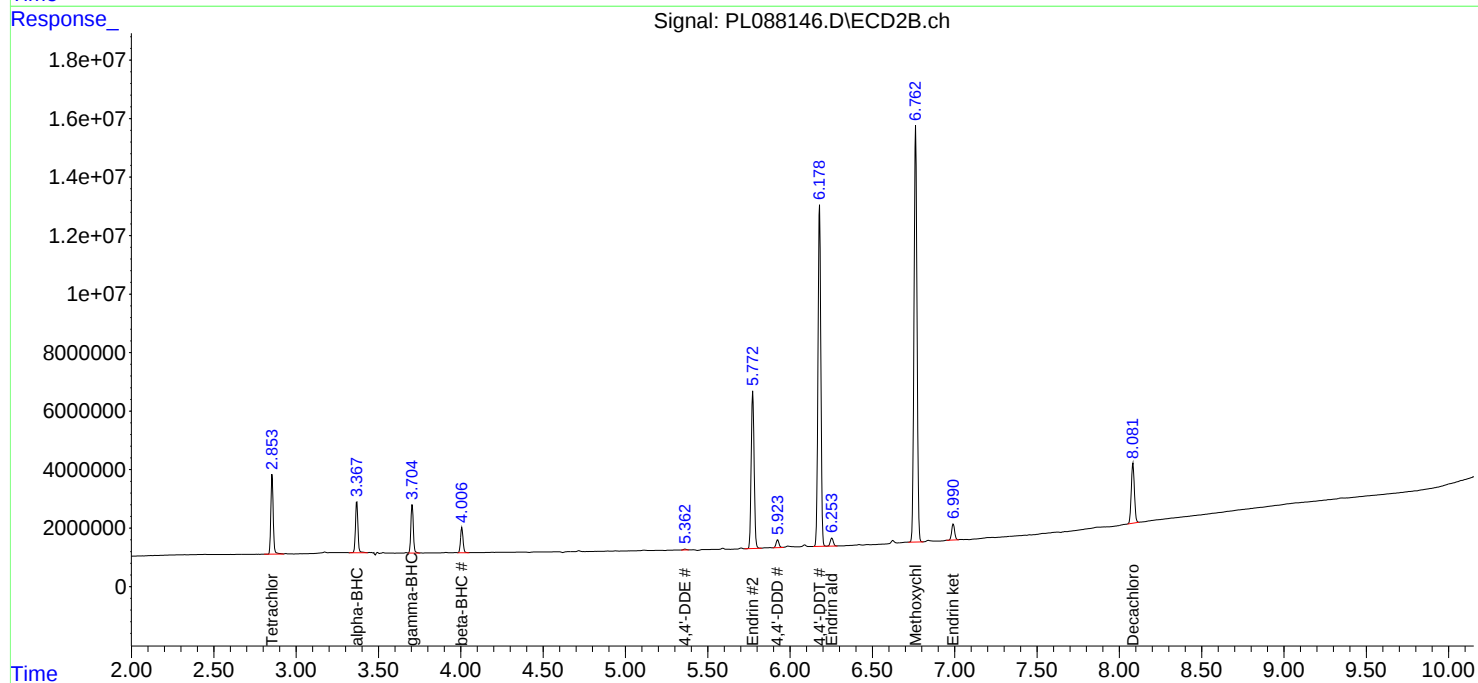
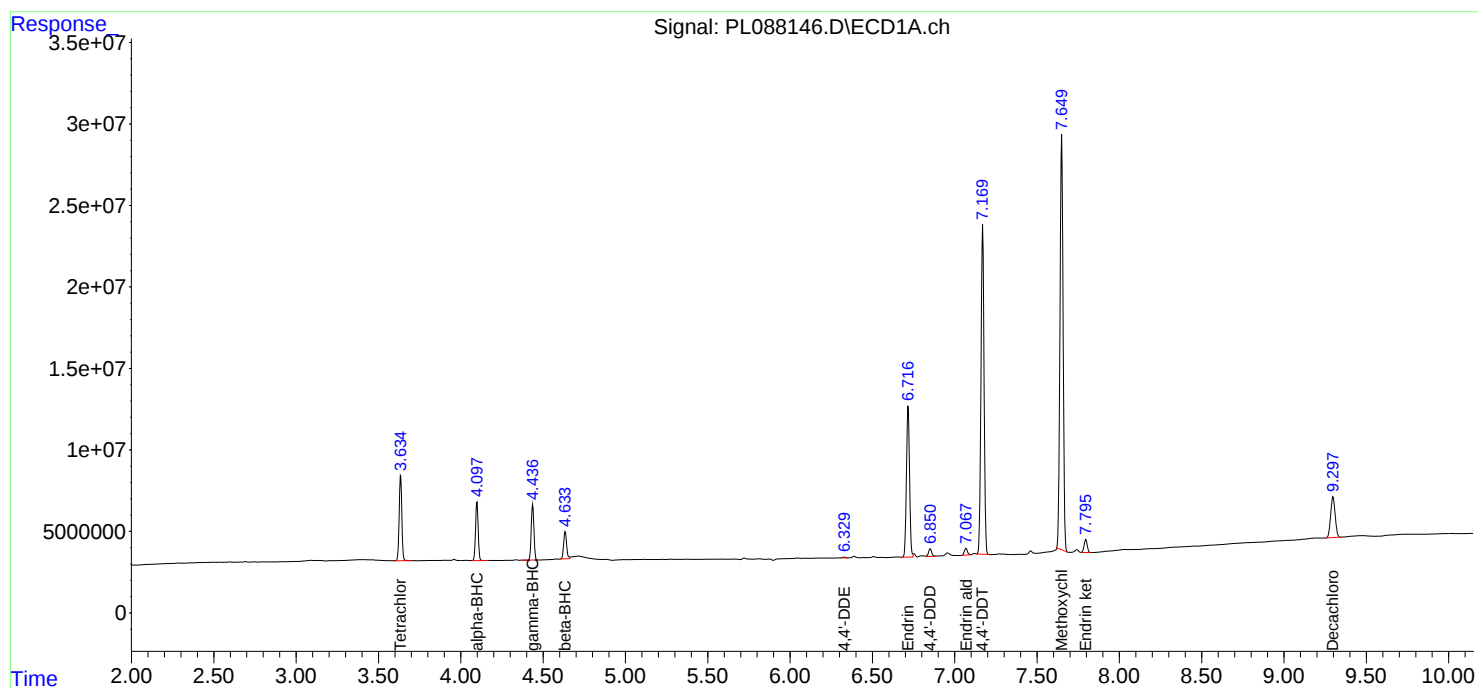
Instrument :
ECD_L
ClientSampleId :
PEM

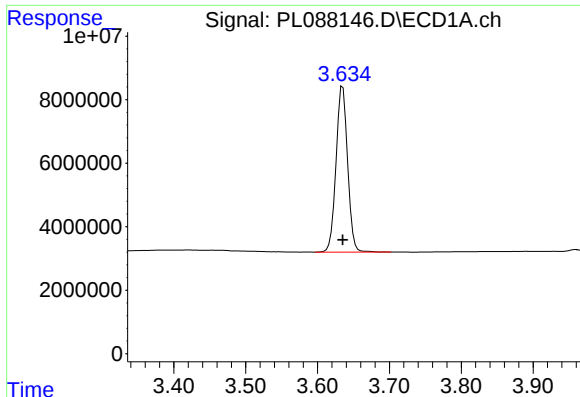
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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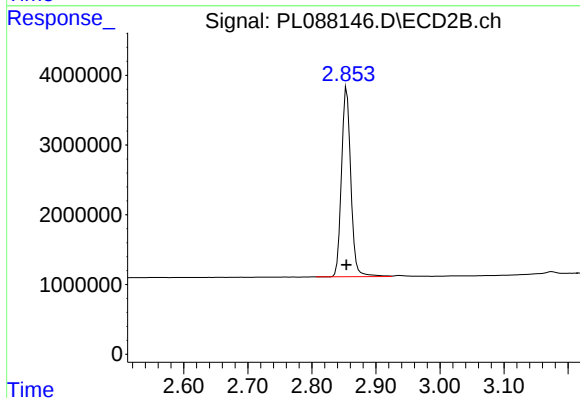
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 58305706
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

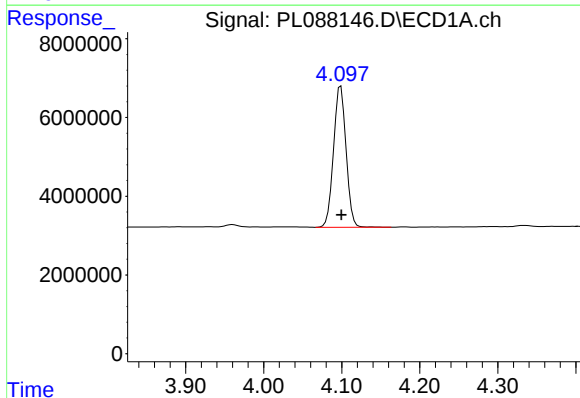
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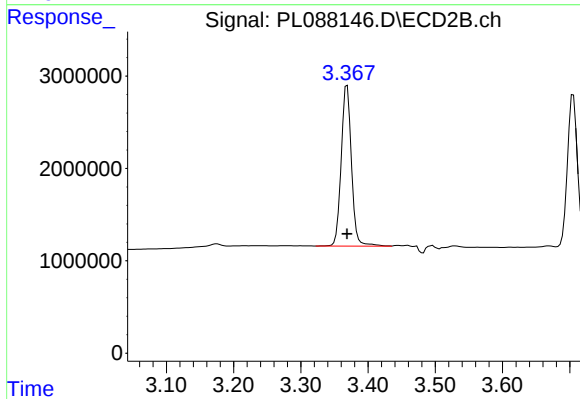
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27432077
Conc: 19.56 ng/ml



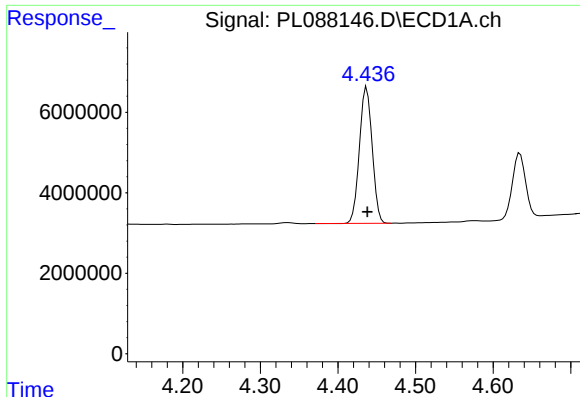
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39989856
Conc: 9.58 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 18416927
Conc: 8.96 ng/ml



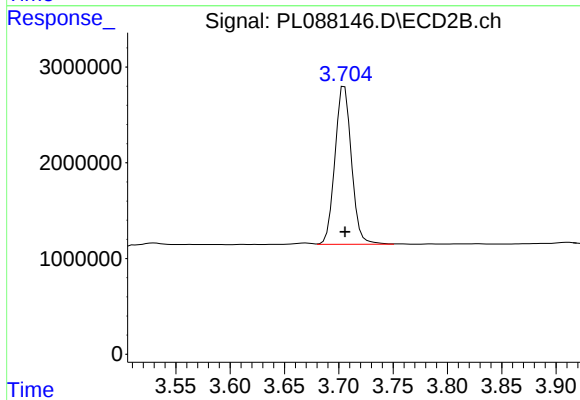
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 38660436
Conc: 9.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

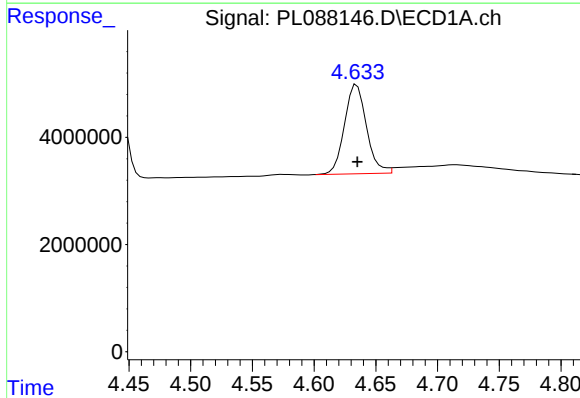
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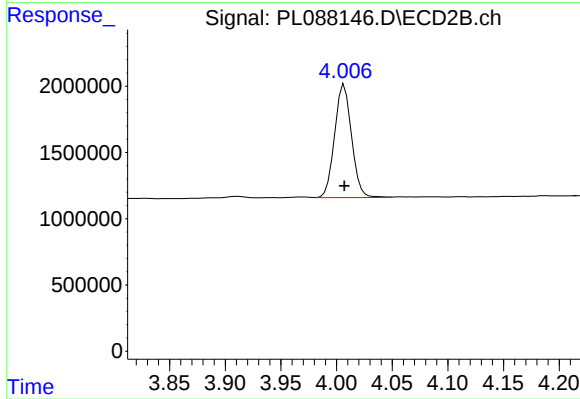
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 17469292
Conc: 8.72 ng/ml



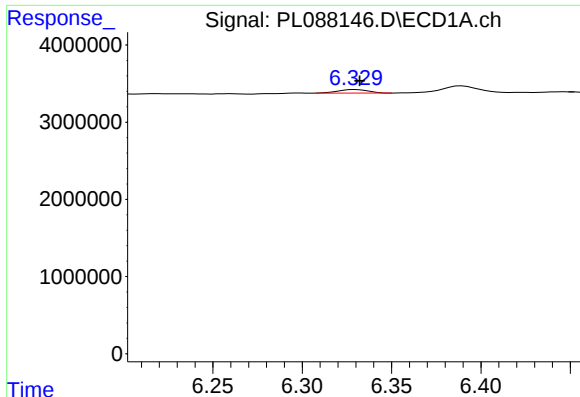
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20660804
Conc: 11.86 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9057635
Conc: 10.18 ng/ml



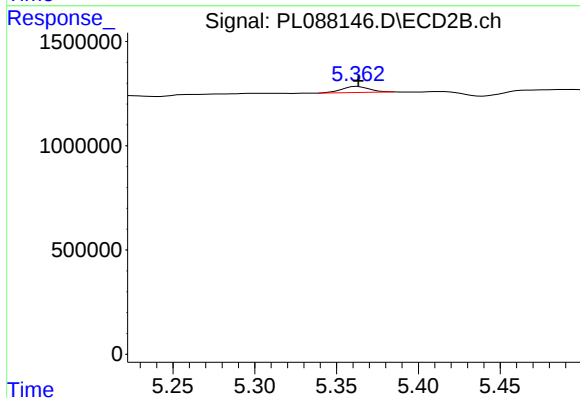
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 544806
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

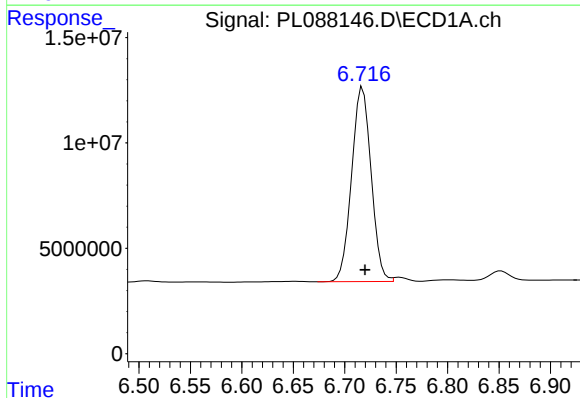
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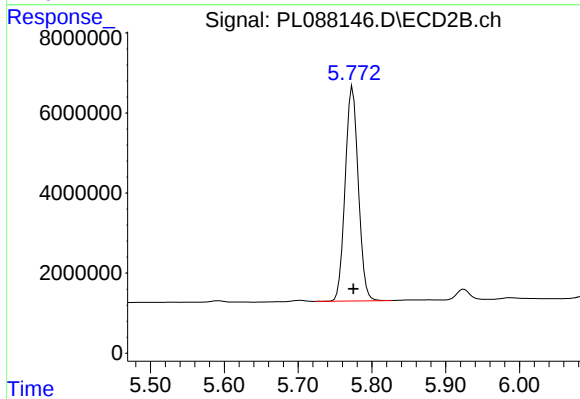
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 342822
Conc: 0.22 ng/ml m



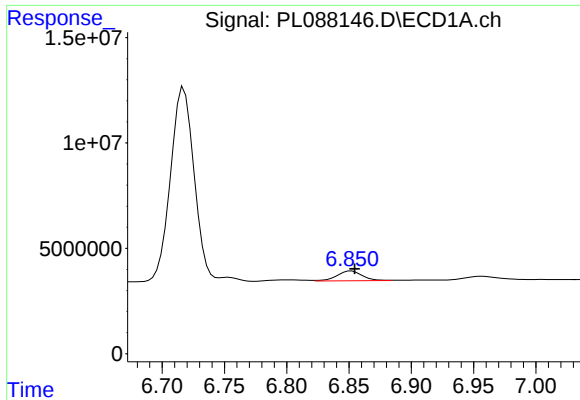
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 121835297
Conc: 46.85 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 66356162
Conc: 44.38 ng/ml



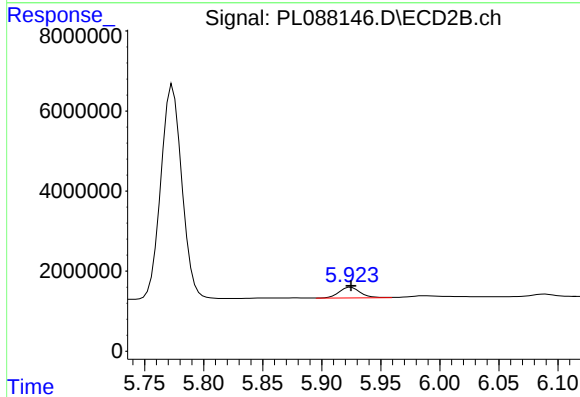
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 6664340
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

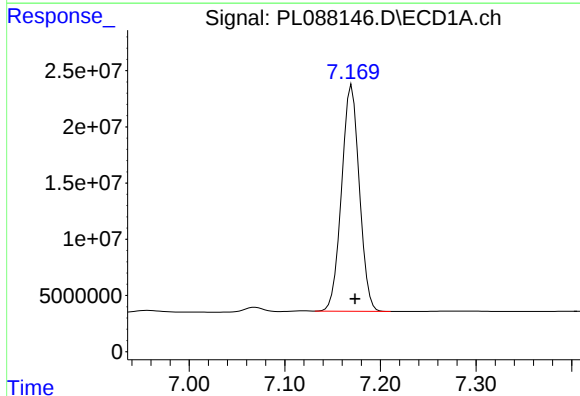
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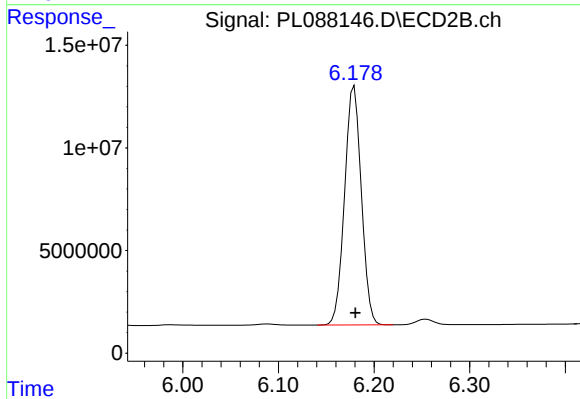
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3356375
Conc: 2.46 ng/ml



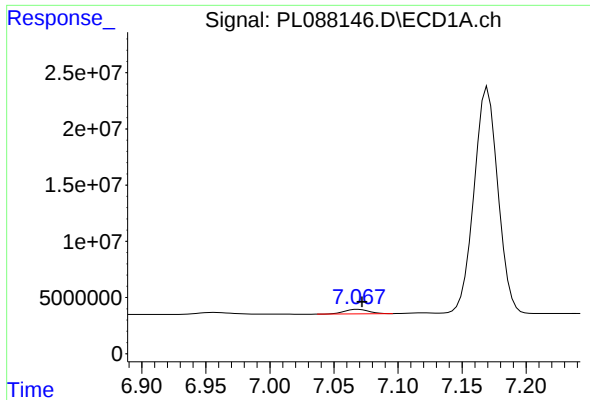
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 260334672
Conc: 99.02 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 142123069
Conc: 104.10 ng/ml



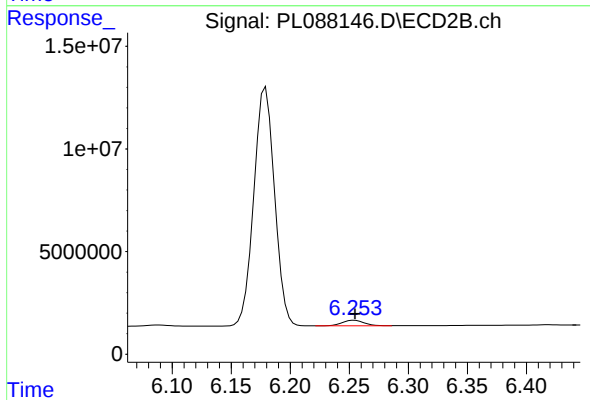
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 5292953
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

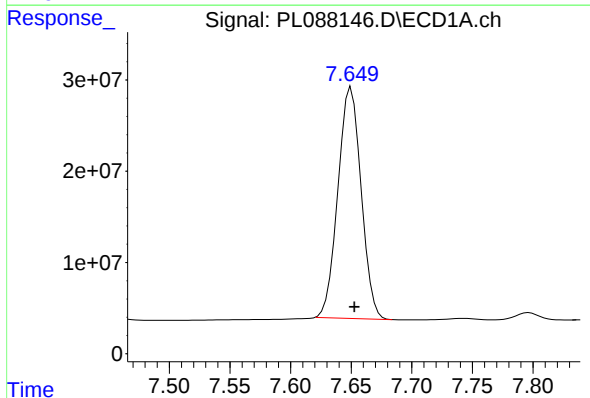
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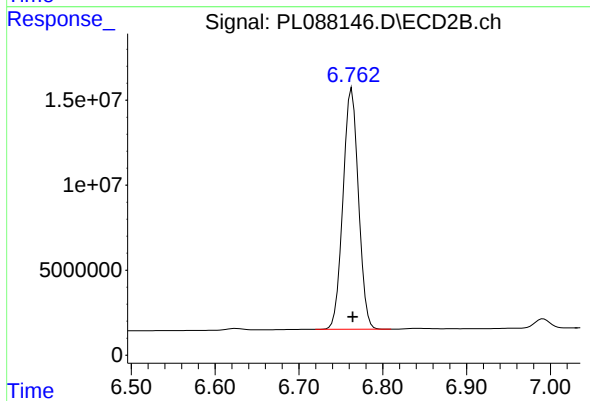
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 3424011
Conc: 3.14 ng/ml



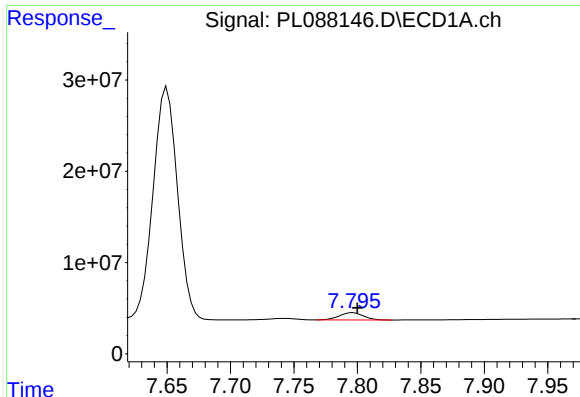
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 336684425
Conc: 254.35 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 181767390
Conc: 231.92 ng/ml



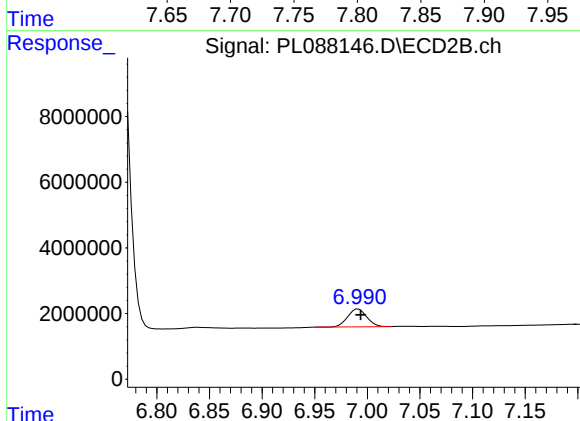
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 10483569
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

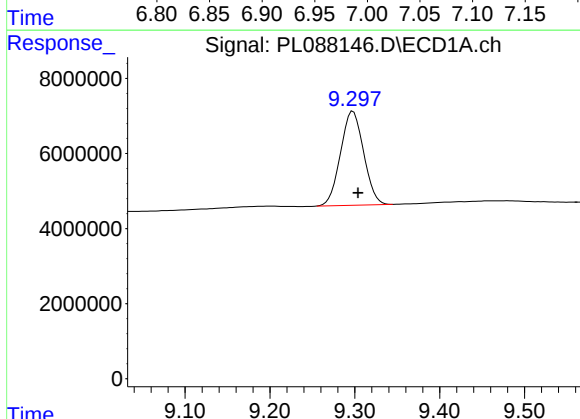
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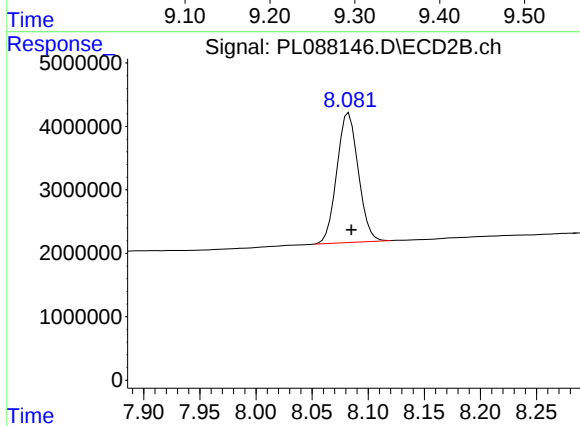
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 6905480
Conc: 4.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.006 min
Response: 47520461
Conc: 24.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 27147432
Conc: 21.32 ng/ml