

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040424\
 Data File : PL088921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2024 09:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/05/2024
 Supervised By :Ankita Jodhani 04/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:25:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.633	2.851	58319821	30204941	22.008	22.664
28)	SA Decachlor...	9.307	8.081	51137554	33445744	20.687	24.666
Target Compounds							
2)	A alpha-BHC	4.098	3.365	40734980	20388354	10.205	10.146
3)	MA gamma-BHC...	4.437	3.702	39526112	20073795	10.192	10.460
6)	B beta-BHC	4.635	4.004	19546829	10480065	11.022	12.225
12)	B 4,4'-DDE	6.332	5.357	671148	335637	0.225	0.230m
14)	MA Endrin	6.718	5.771	128.5E6	78848456	47.023m	54.702
16)	A 4,4'-DDD	6.854	5.921	7761166	4474826	3.047m	3.593
17)	MA 4,4'-DDT	7.173	6.176	269.7E6	164.6E6	101.190	122.605
18)	B Endrin al...	7.073	6.251	4969625	3472181	2.380	3.313 #
20)	A Methoxychlor	7.656	6.760	352.0E6	207.5E6	233.673	258.684
21)	B Endrin ke...	7.801	6.989	11057767	7373177	3.740	4.467

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

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Acq On : 04 Apr 2024 09:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

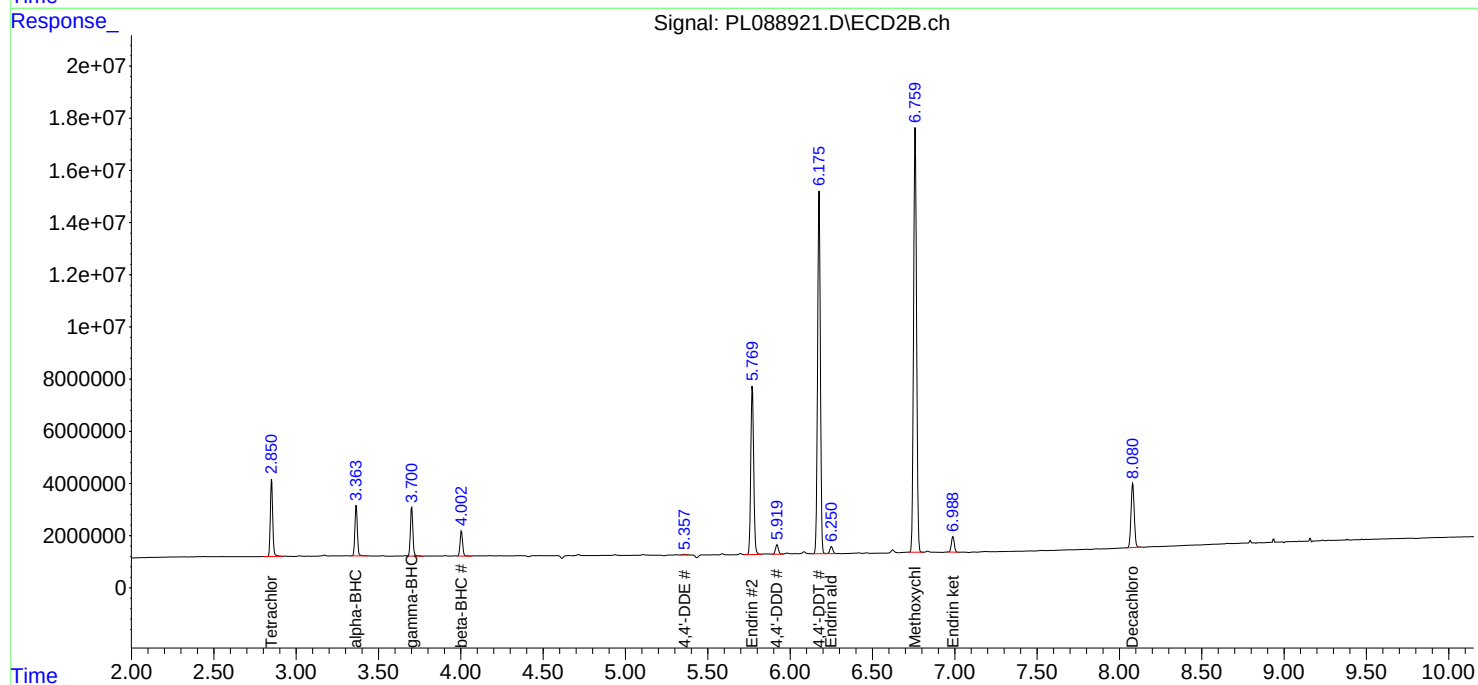
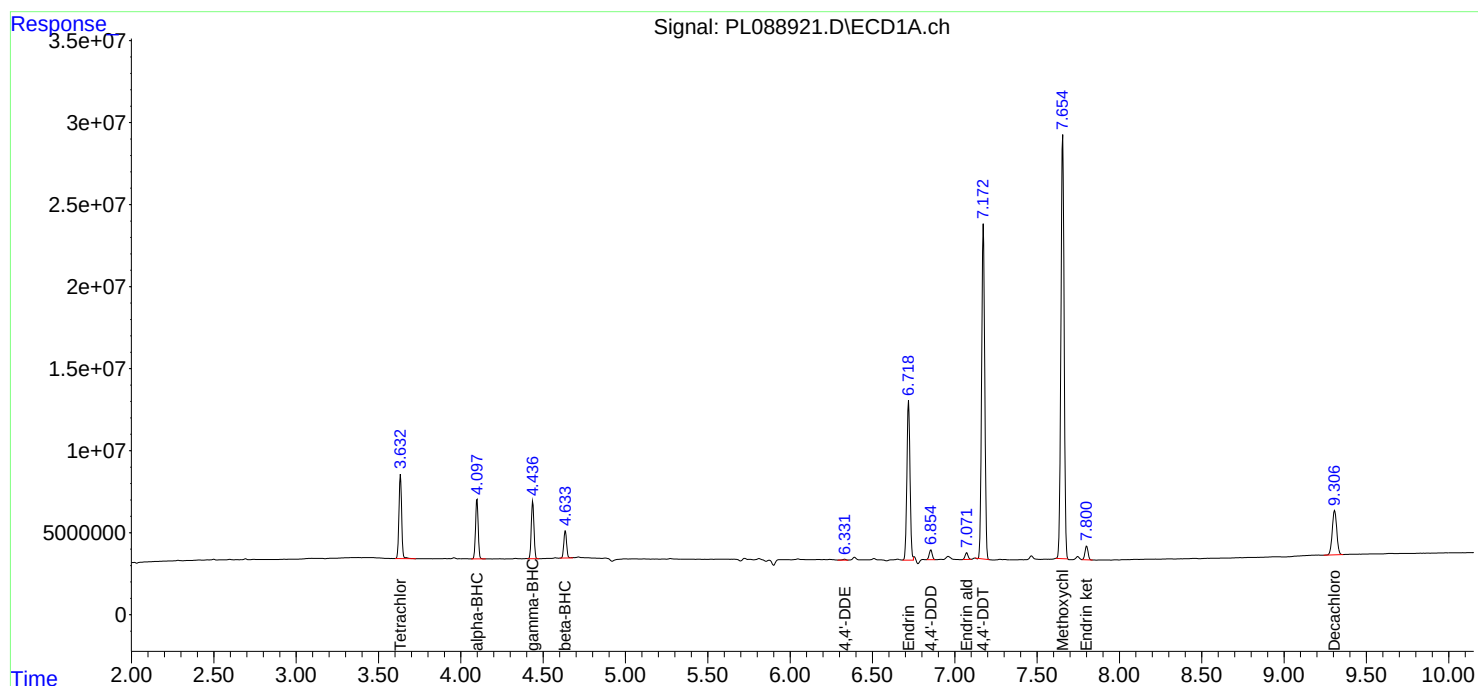
Instrument :
ECD_L
ClientSampleId :
PEM

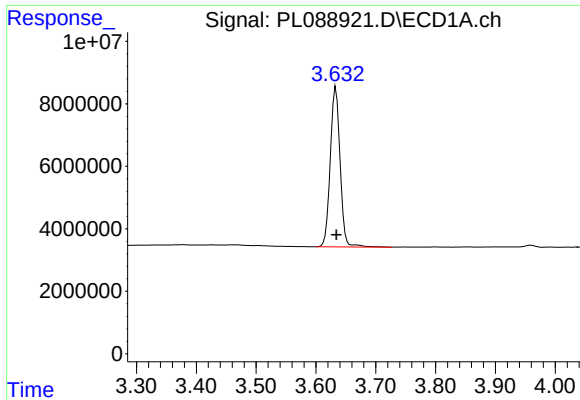
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Integration File signal 1: autoint1.e
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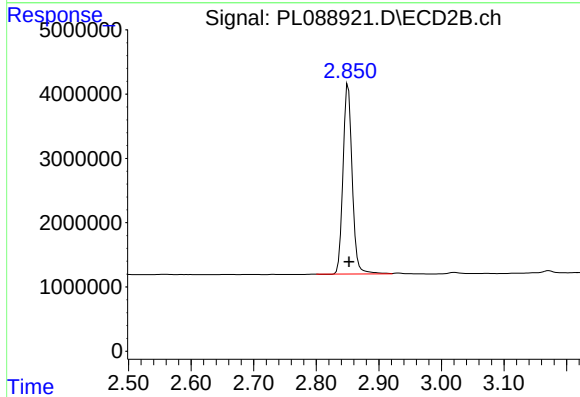
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 58319821
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

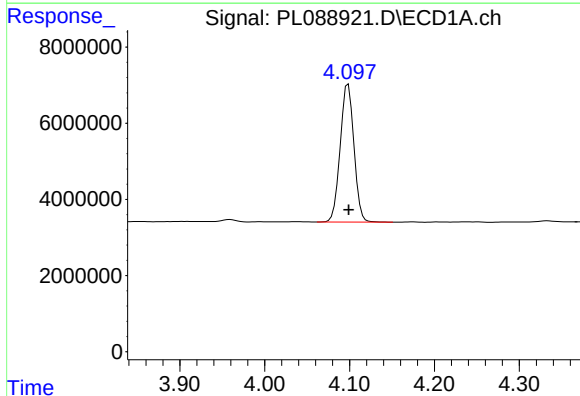
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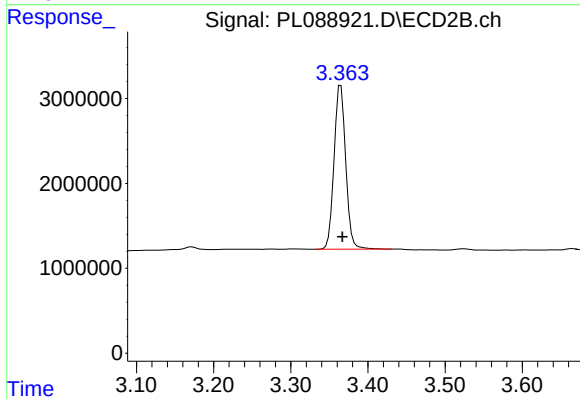
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.001 min
Response: 30204941
Conc: 22.66 ng/ml



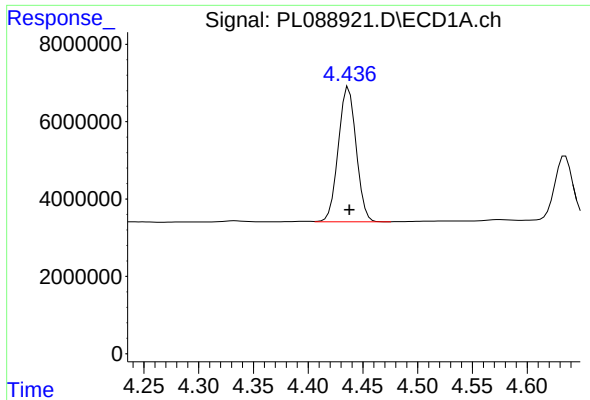
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40734980
Conc: 10.20 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 20388354
Conc: 10.15 ng/ml



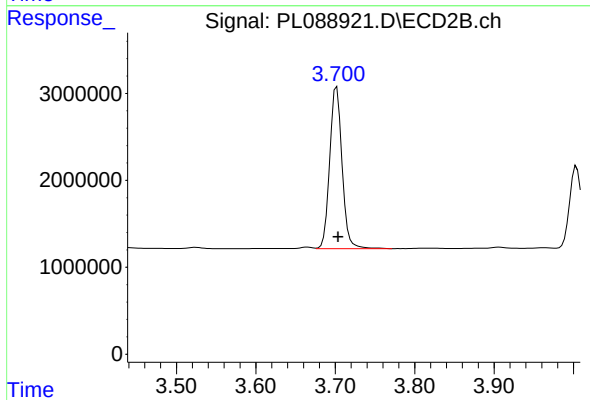
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39526112
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

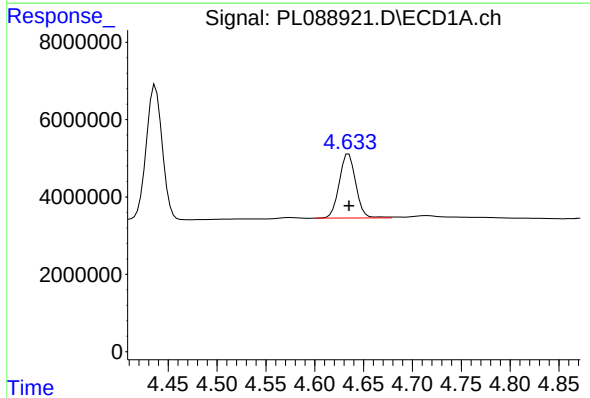
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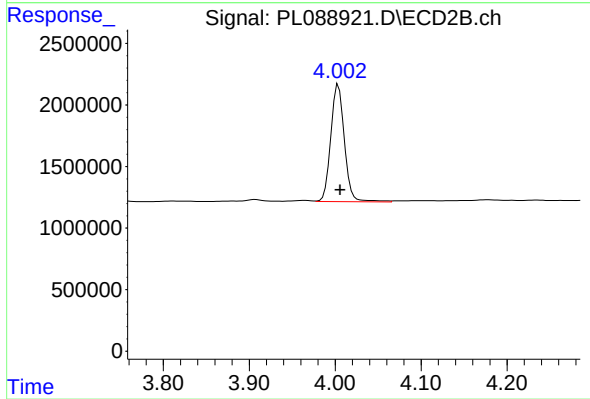
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 20073795
Conc: 10.46 ng/ml



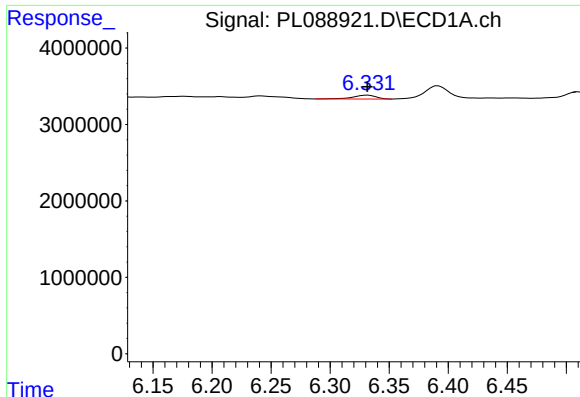
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19546829
Conc: 11.02 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 10480065
Conc: 12.23 ng/ml



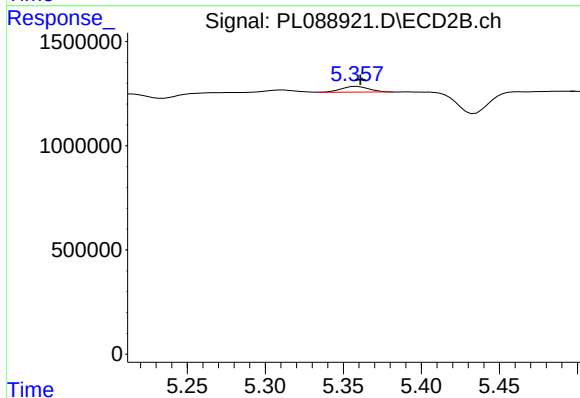
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 671148
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

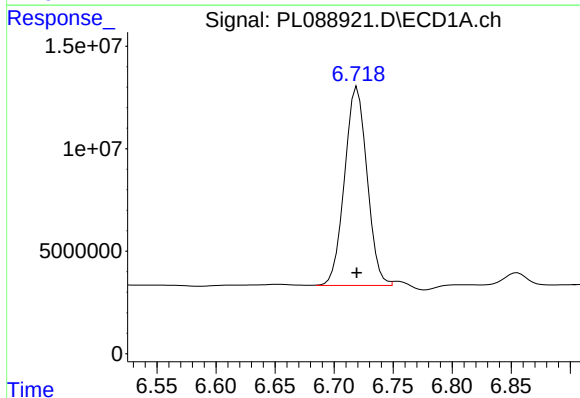
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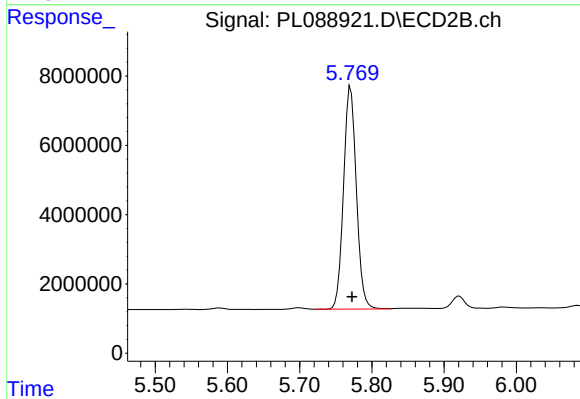
#12 4,4'-DDE

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 335637
Conc: 0.23 ng/ml m



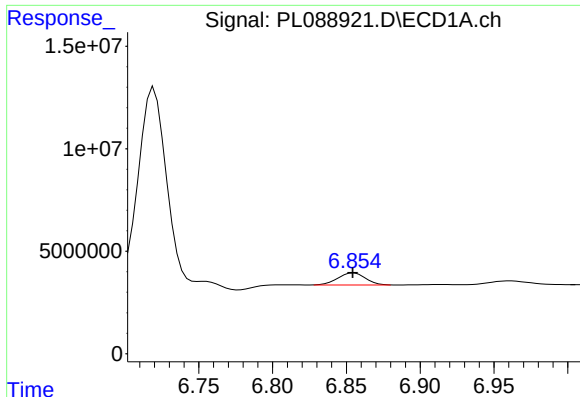
#14 Endrin

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 128546742
Conc: 47.02 ng/ml m



#14 Endrin

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 78848456
Conc: 54.70 ng/ml



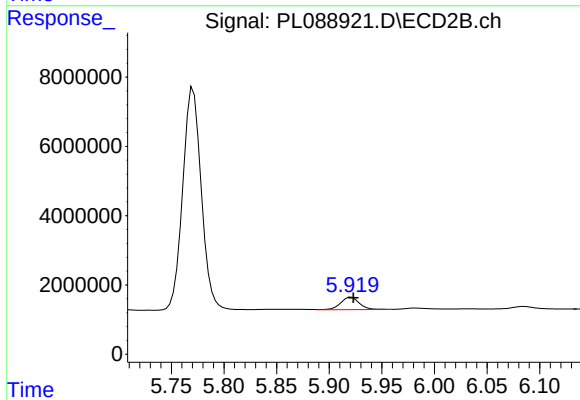
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 7761166
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

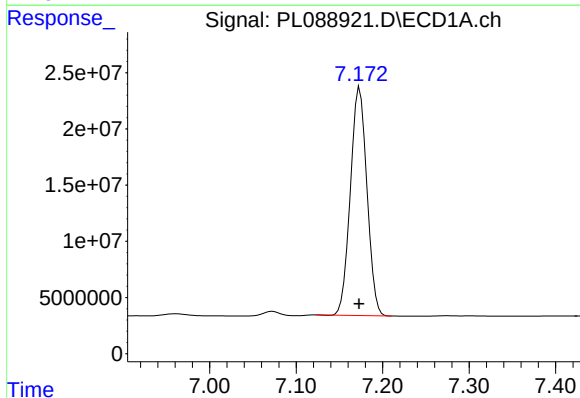
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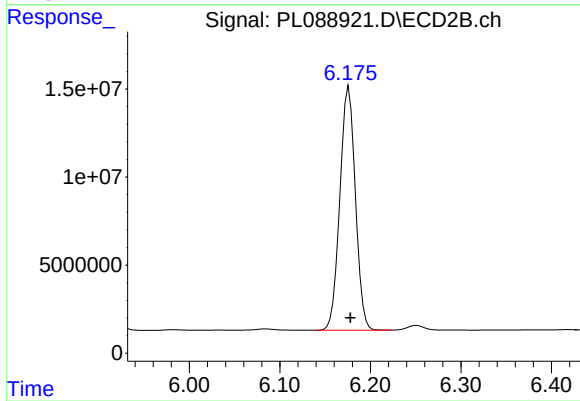
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 4474826
Conc: 3.59 ng/ml



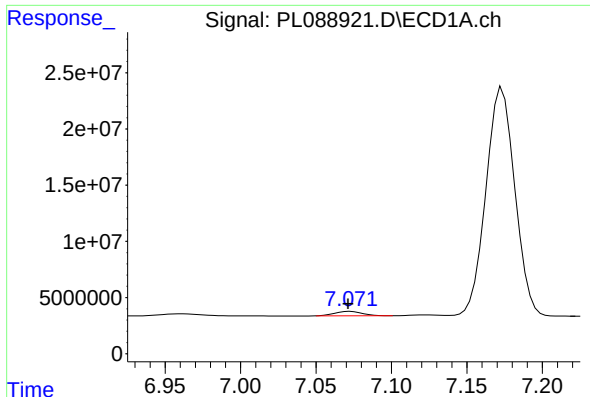
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 269718487
Conc: 101.19 ng/ml



#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 164559768
Conc: 122.60 ng/ml



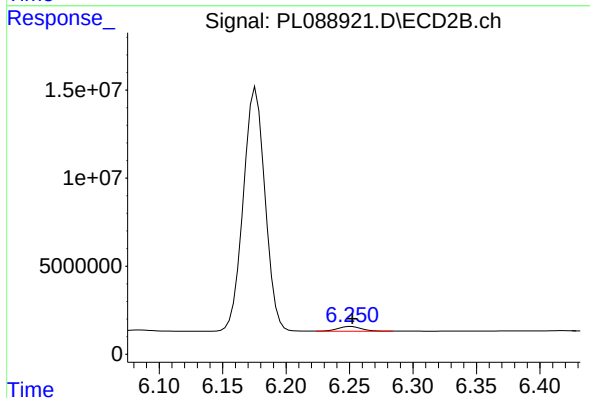
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 4969625
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

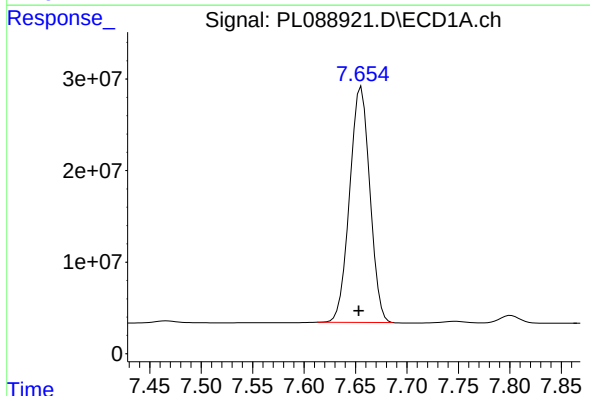
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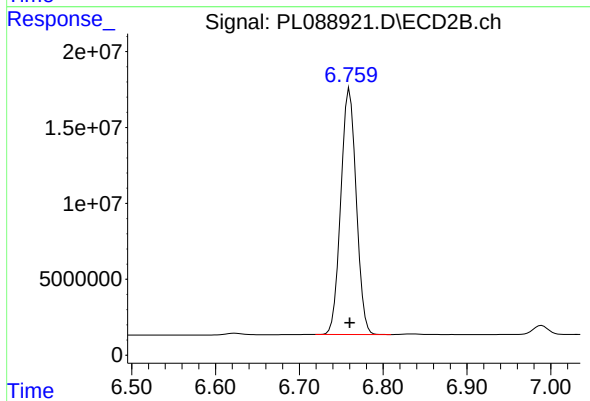
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 3472181
Conc: 3.31 ng/ml



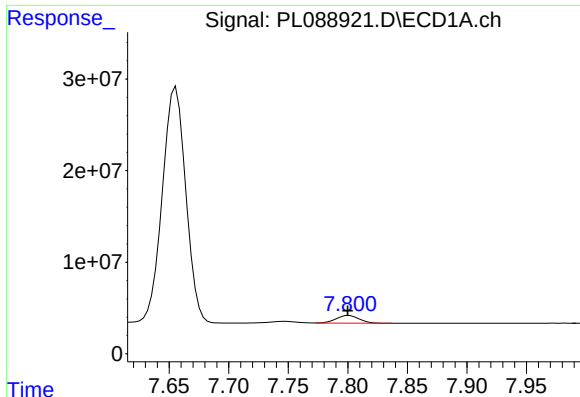
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.002 min
Response: 352030970
Conc: 233.67 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 207482587
Conc: 258.68 ng/ml



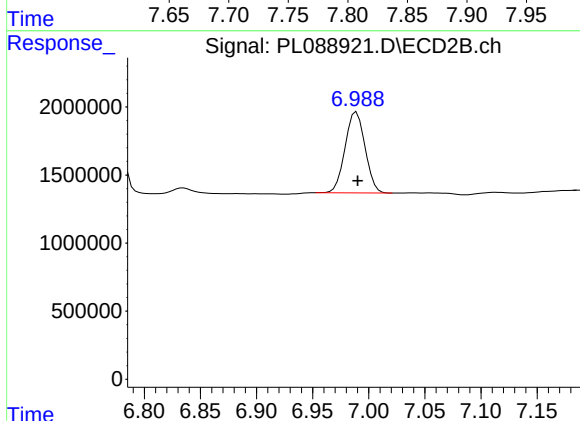
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 11057767
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

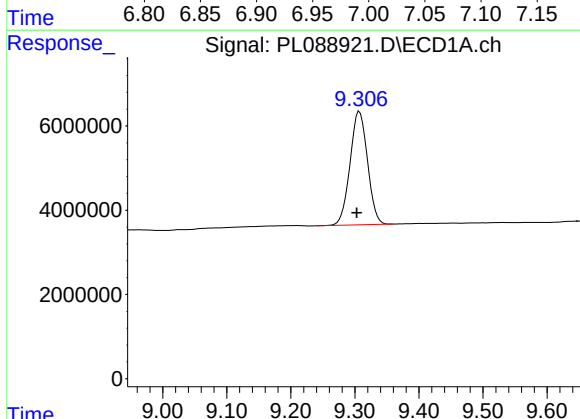
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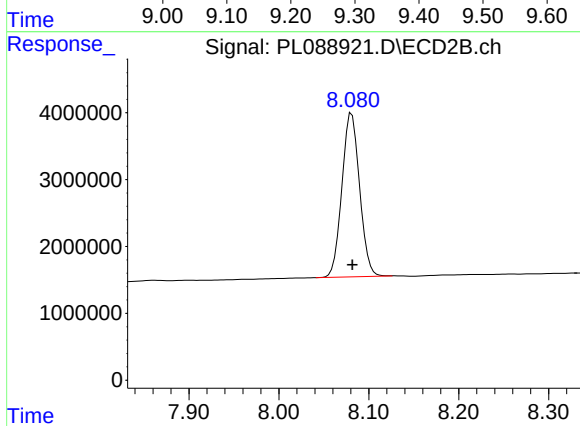
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.001 min
Response: 7373177
Conc: 4.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.307 min
Delta R.T.: 0.004 min
Response: 51137554
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 33445744
Conc: 24.67 ng/ml