

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032924\
 Data File : PL088828.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2024 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2024
 Supervised By : Ankita Jodhani 04/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 00:33:48 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...	3.635	2.852	63929940	33052188	24.125	24.800
28)	SA Decachlor...	9.305	8.081	55758259	34939676	22.557	25.768
Target Compounds							
2)	A alpha-BHC	4.099	3.366	44912128	22432205	11.251	11.163
3)	MA gamma-BHC...	4.438	3.703	43952966	22037130	11.333	11.483
6)	B beta-BHC	4.635	4.004	21360252	11278330	12.045	13.157
14)	MA Endrin	6.718	5.771	149.4E6	92931025	54.638m	64.471
16)	A 4,4'-DDD	6.852	5.921	1375850	905215	0.540m	0.727m#
17)	MA 4,4'-DDT	7.173	6.176	318.2E6	198.8E6	119.377	148.111
18)	B Endrin al...	7.071	6.251	3544630	2866407	1.698	2.735 #
20)	A Methoxychlor	7.654	6.759	415.9E6	251.7E6	276.087	313.846
21)	B Endrin ke...	7.800	6.987	7456232	5262808	2.522	3.188m#

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

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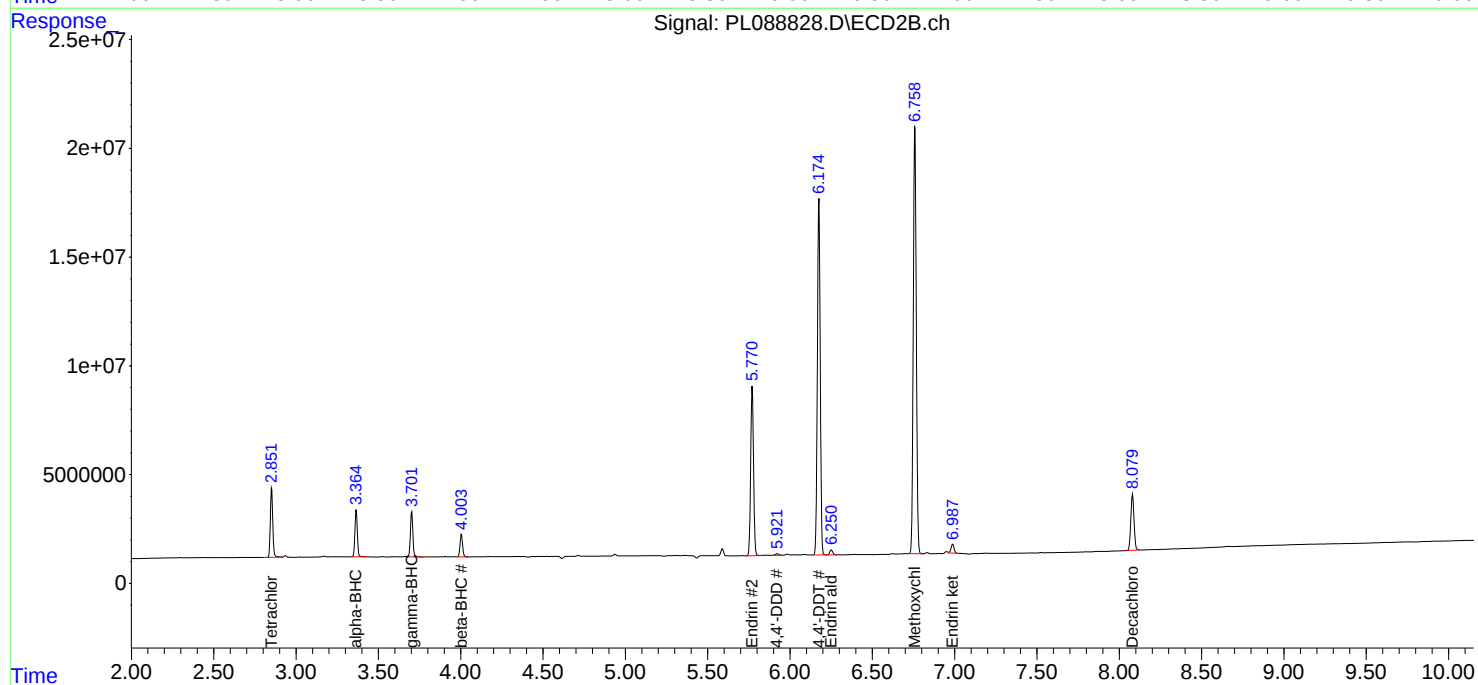
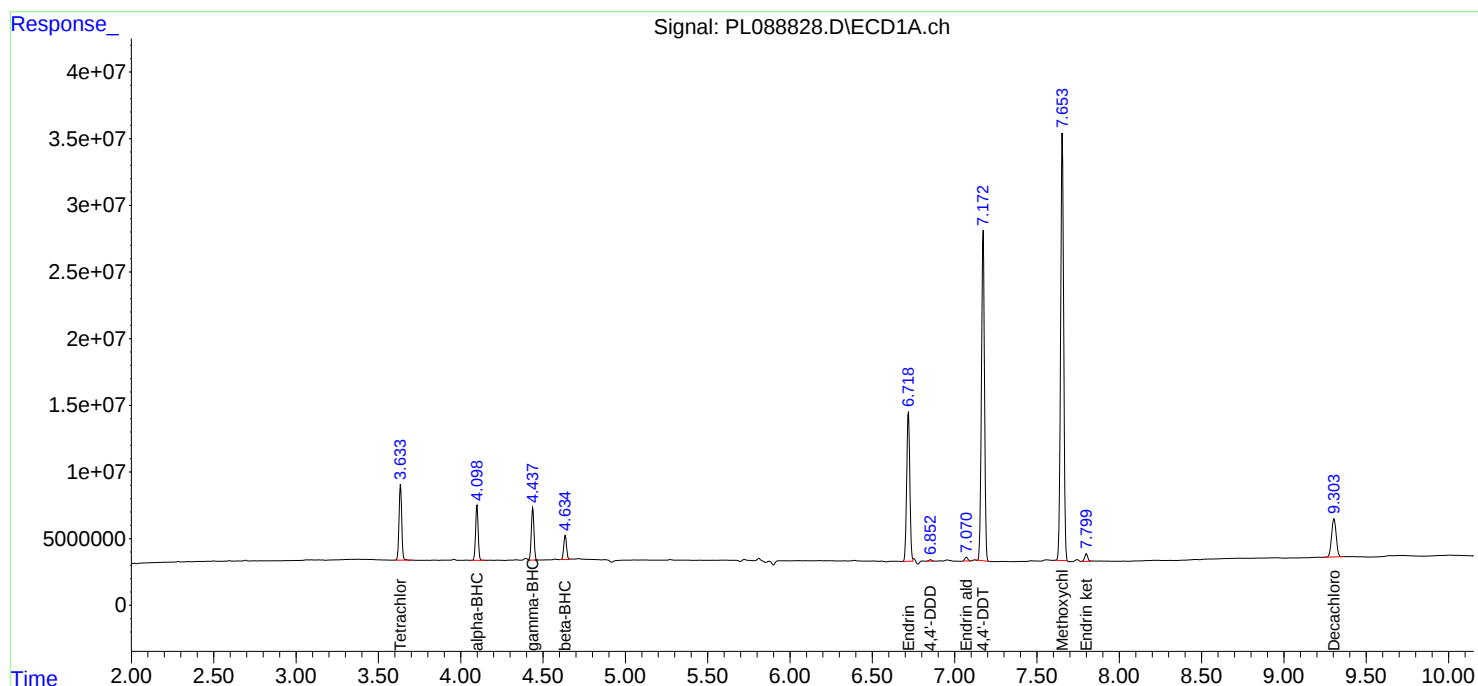
Instrument :
ECD_L
ClientSampleId :
PEM

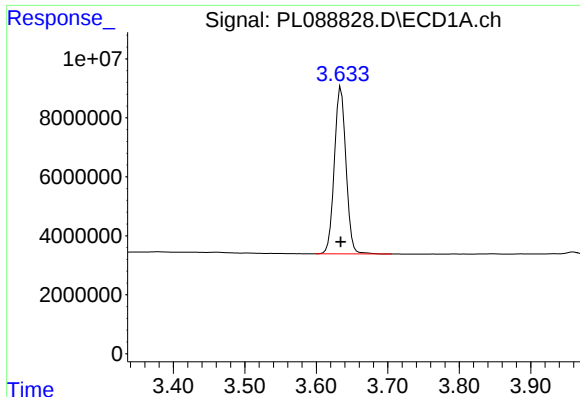
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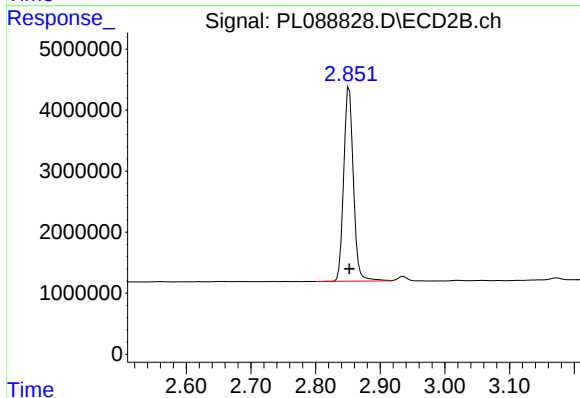
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 63929940
Conc: 24.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

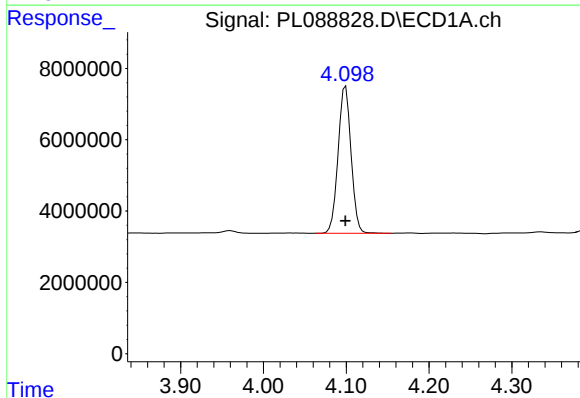
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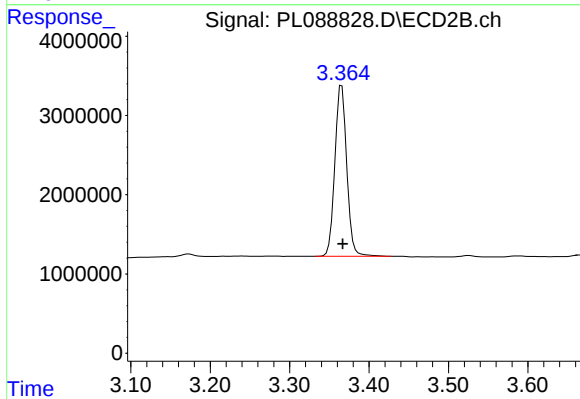
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 33052188
Conc: 24.80 ng/ml



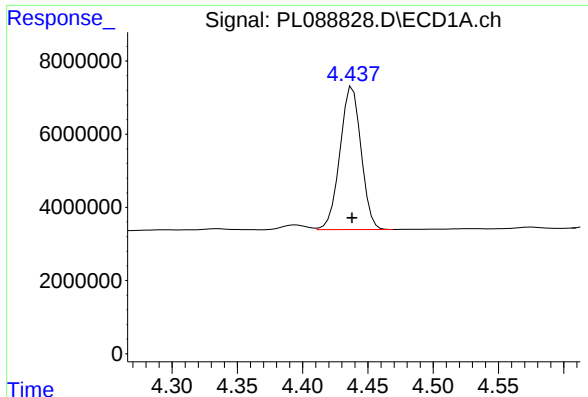
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 44912128
Conc: 11.25 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 22432205
Conc: 11.16 ng/ml



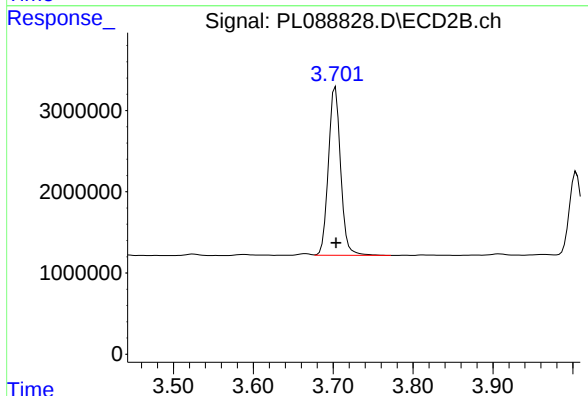
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 43952966
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

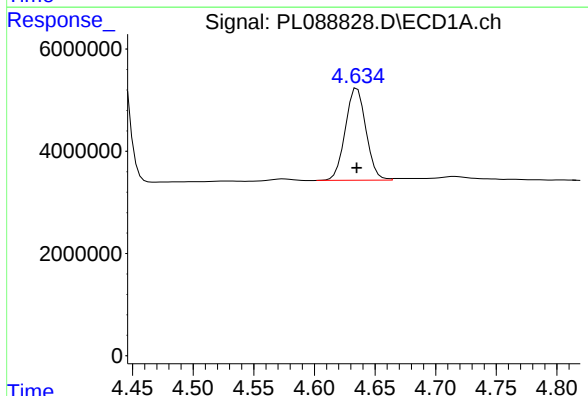
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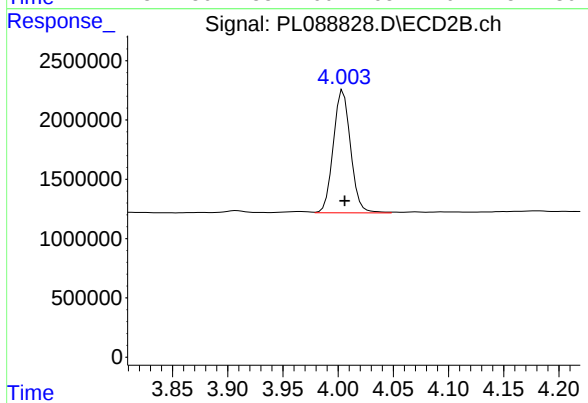
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 22037130
Conc: 11.48 ng/ml



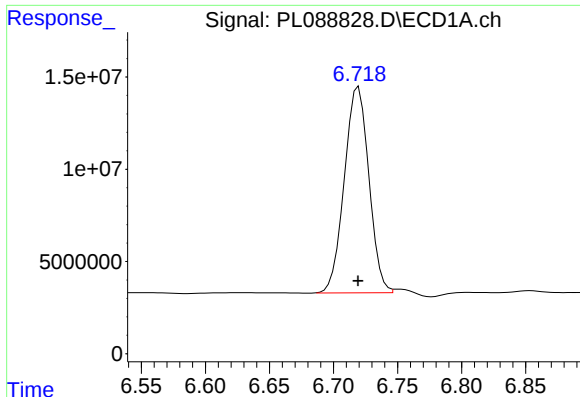
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 21360252
Conc: 12.04 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 11278330
Conc: 13.16 ng/ml



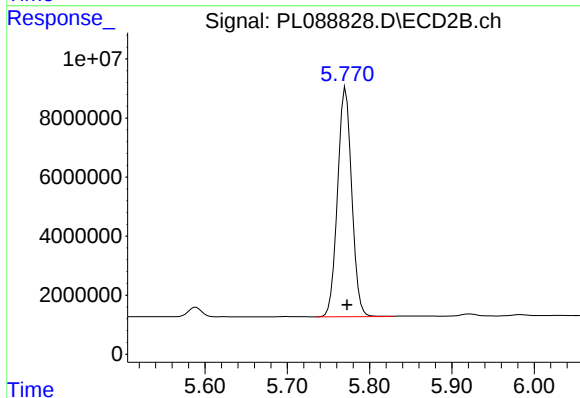
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 149364116
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

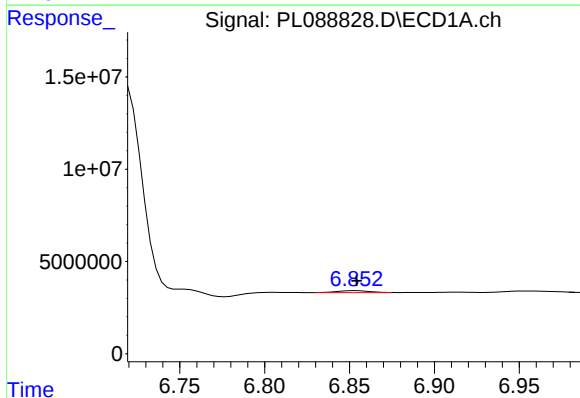
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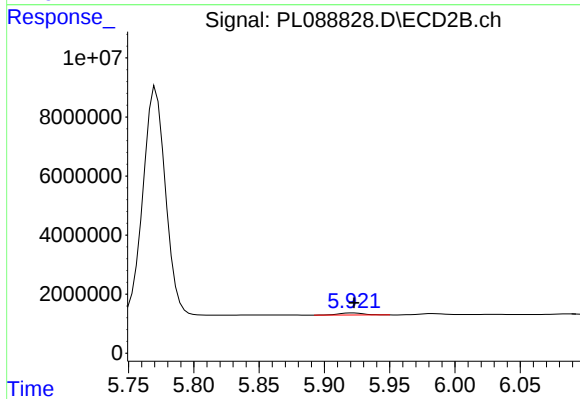
#14 Endrin

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 92931025
Conc: 64.47 ng/ml



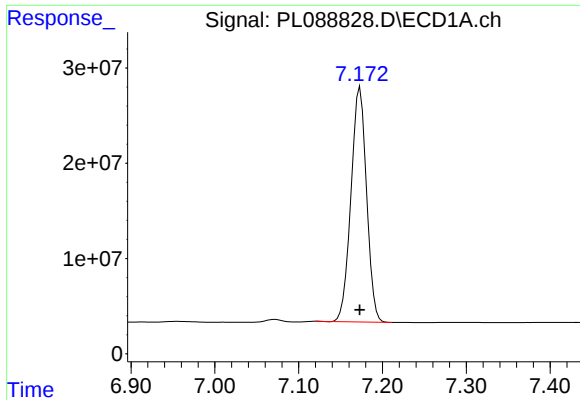
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 1375850
Conc: 0.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 905215
Conc: 0.73 ng/ml m



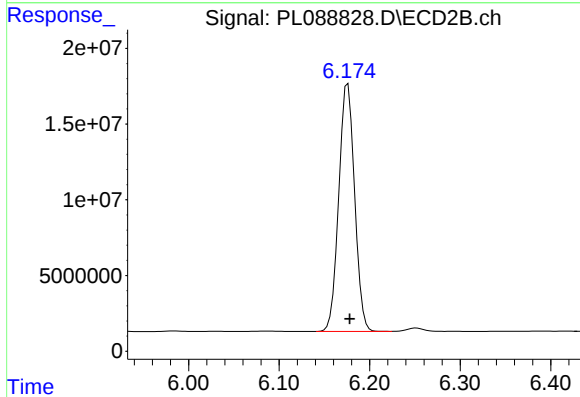
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 318197099
Conc: 119.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

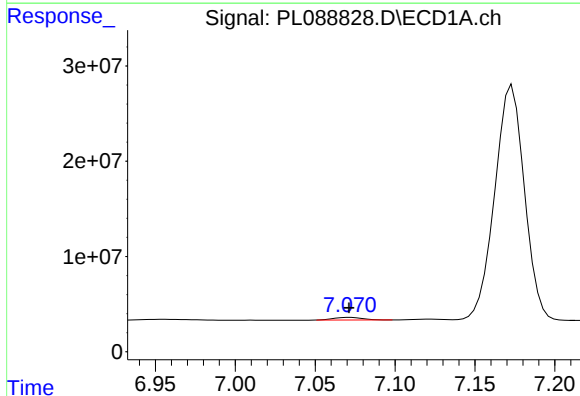
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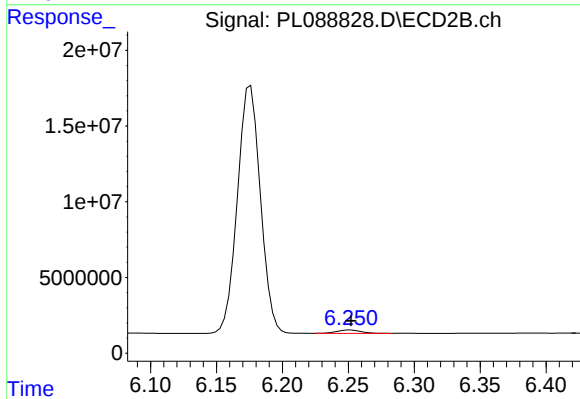
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 198793274
Conc: 148.11 ng/ml



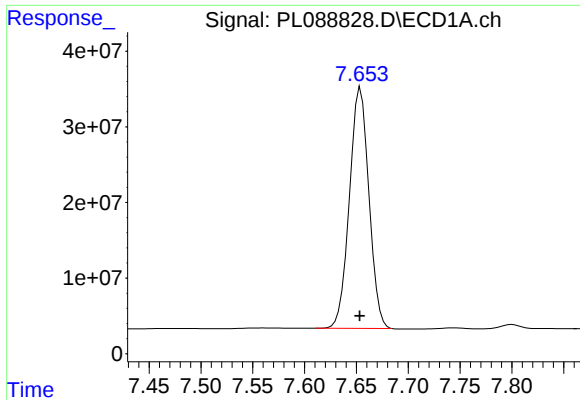
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 3544630
Conc: 1.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2866407
Conc: 2.74 ng/ml



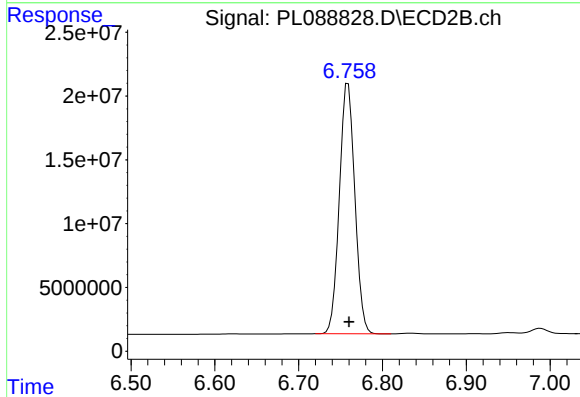
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 415929102
Conc: 276.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

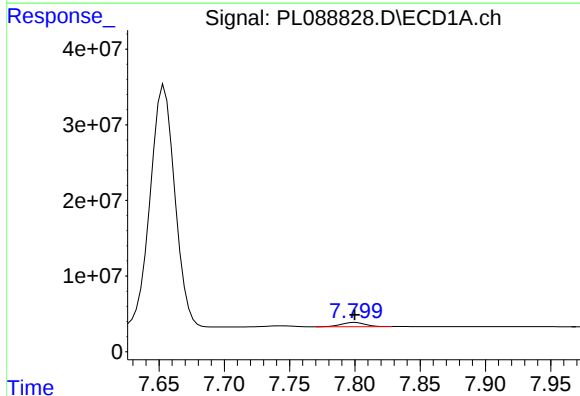
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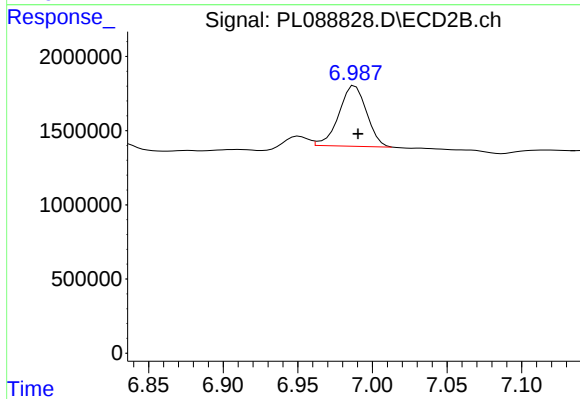
#20 Methoxychlor

R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 251726937
Conc: 313.85 ng/ml



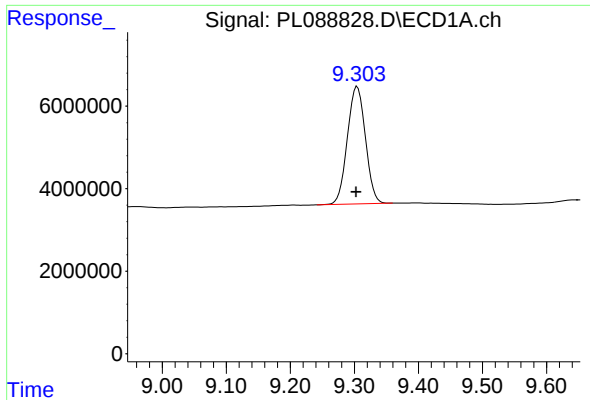
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 7456232
Conc: 2.52 ng/ml



#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 5262808
Conc: 3.19 ng/ml m



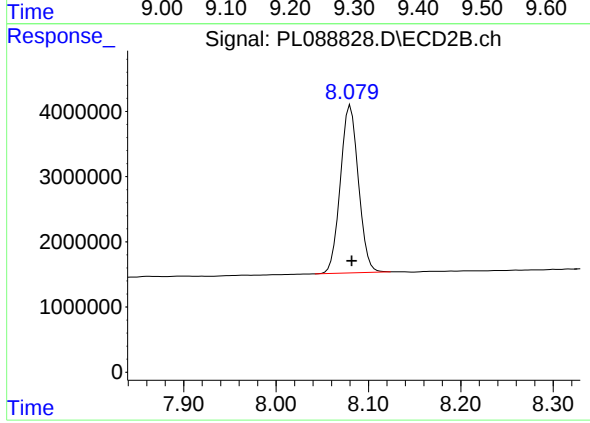
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 55758259
Conc: 22.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.001 min
Response: 34939676
Conc: 25.77 ng/ml