

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031924\
 Data File : PL088671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2024 08:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/20/2024
 Supervised By : Ankita Jodhani 03/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:00:35 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	57662673	27257548	21.760	20.452
28)	SA Decachlor...	9.306	8.083	53013461	29344428	21.446	21.642
Target Compounds							
2)	A alpha-BHC	4.100	3.365	40110890	17752792	10.049	8.835m
3)	MA gamma-BHC...	4.439	3.704	39165066	17208353	10.099	8.967
6)	B beta-BHC	4.636	4.005	19771496	8941626	11.149	10.431
12)	B 4,4'-DDE	6.334	5.362	587790	329172	0.197	0.226
14)	MA Endrin	6.721	5.774	130.9E6	67150562	47.878	46.586
16)	A 4,4'-DDD	6.856	5.924	5155784	2539319	2.024	2.039
17)	MA 4,4'-DDT	7.175	6.178	275.5E6	139.8E6	103.345	104.148
18)	B Endrin al...	7.073	6.254	3742443	2496269	1.792	2.382 #
20)	A Methoxychlor	7.656	6.763	356.4E6	180.2E6	236.589	224.717
21)	B Endrin ke...	7.802	6.992	9103448	5741919	3.079	3.478

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

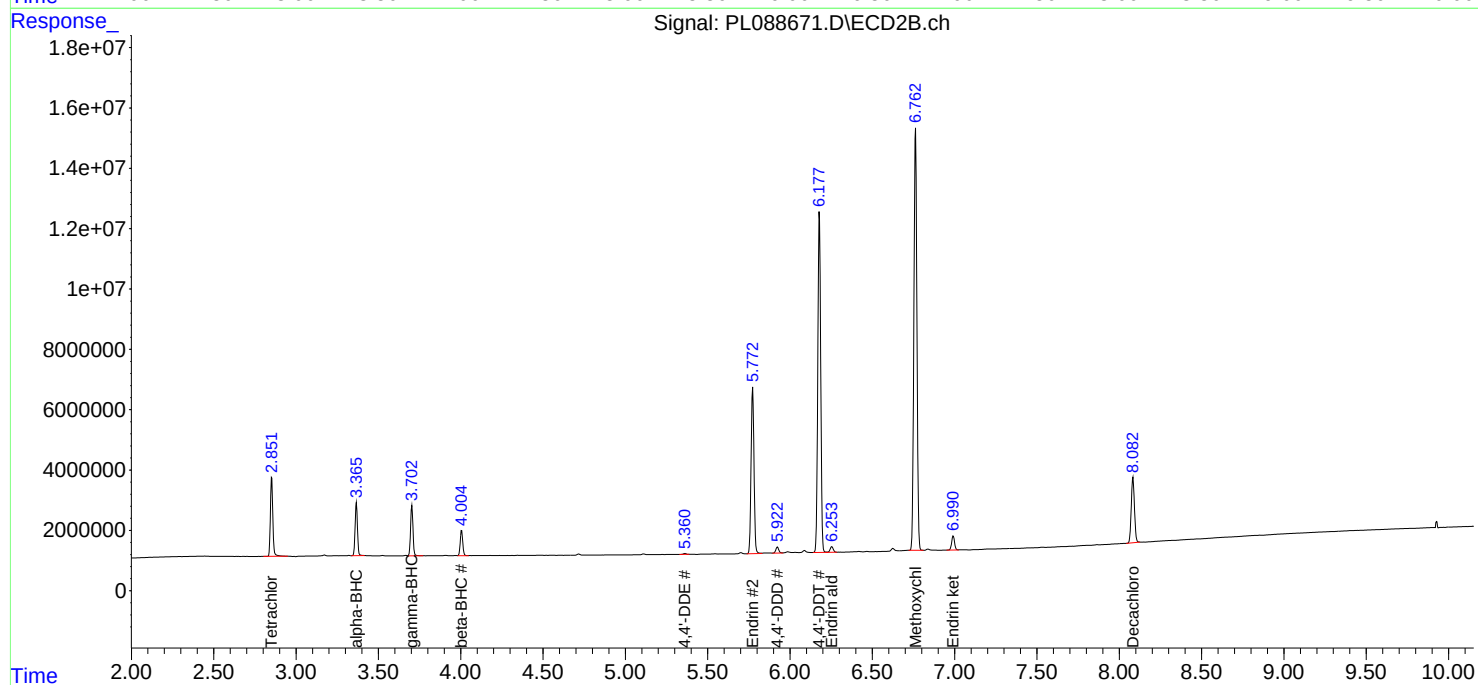
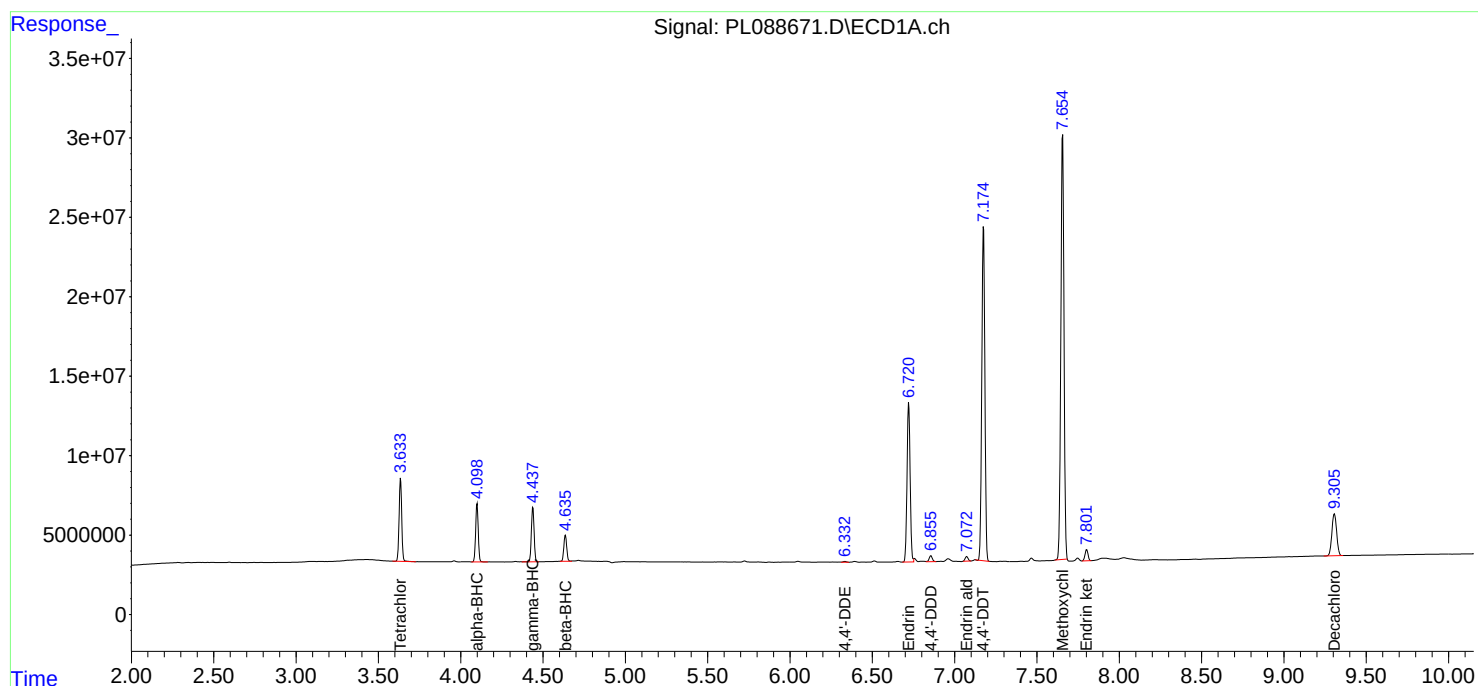
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PEM

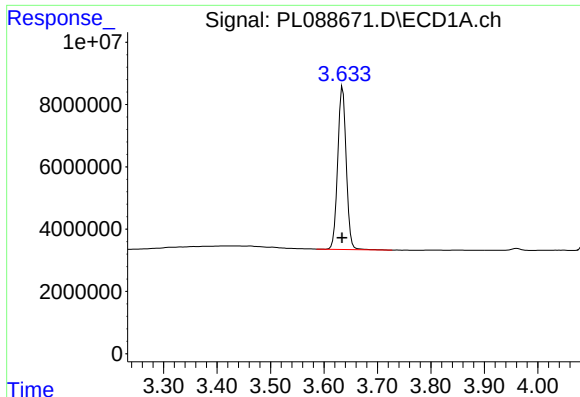
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Integration File signal 1: autoint1.e
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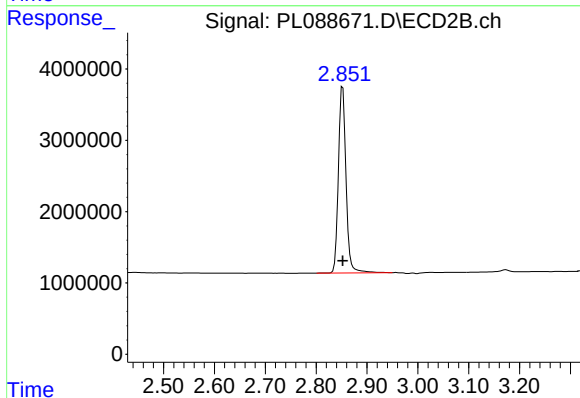
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57662673
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

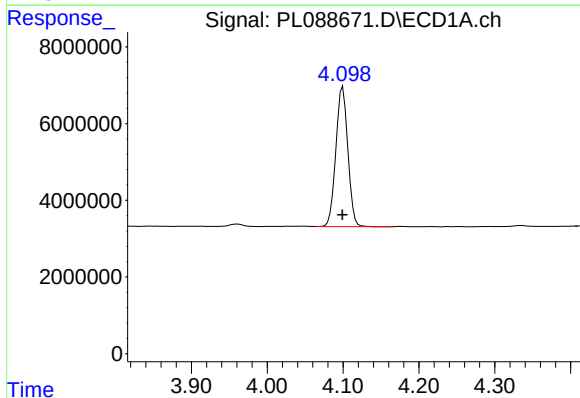
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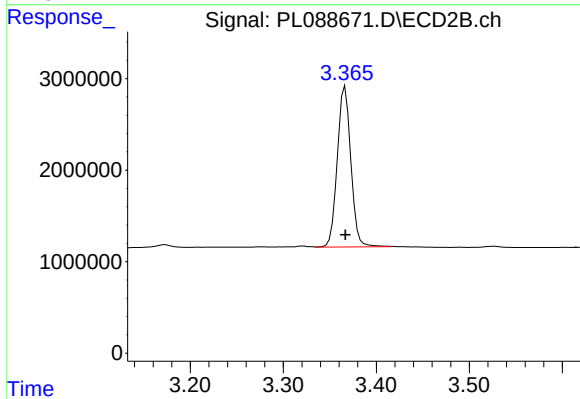
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 27257548
Conc: 20.45 ng/ml



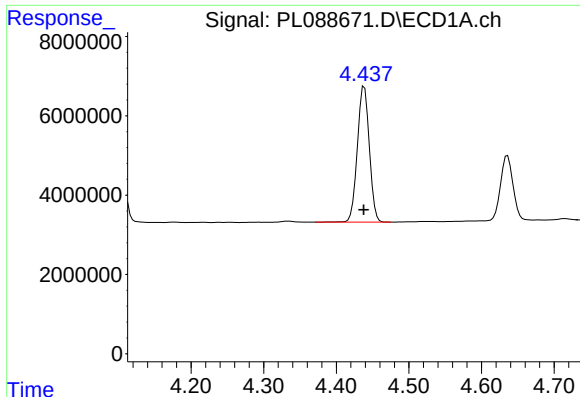
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 40110890
Conc: 10.05 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 17752792
Conc: 8.83 ng/ml m



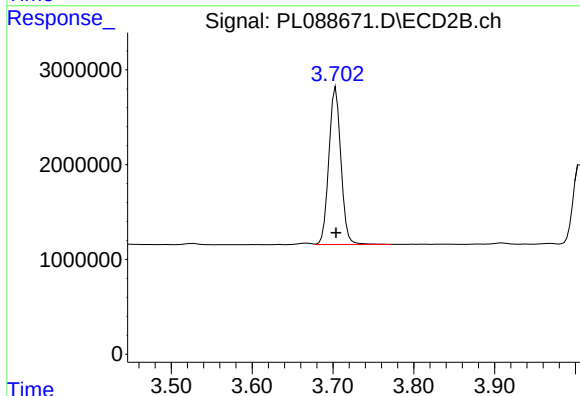
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 39165066
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

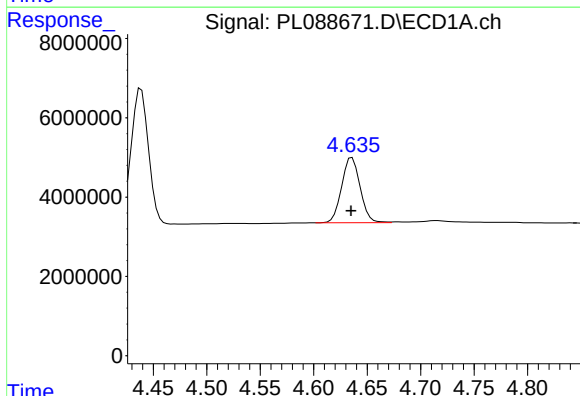
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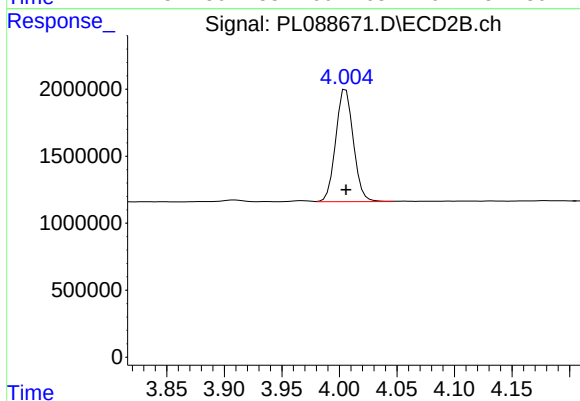
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 17208353
Conc: 8.97 ng/ml



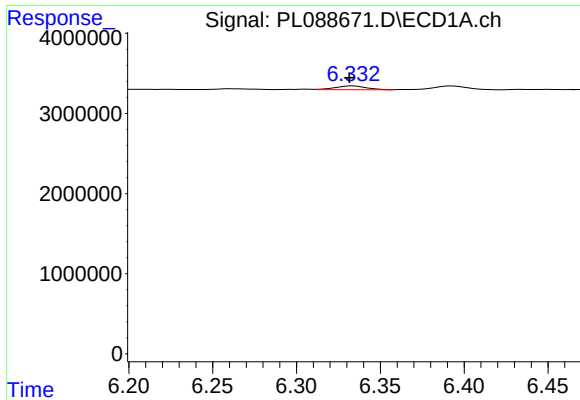
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19771496
Conc: 11.15 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8941626
Conc: 10.43 ng/ml



#12 4,4'-DDE

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 587790
Conc: 0.20 ng/ml

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

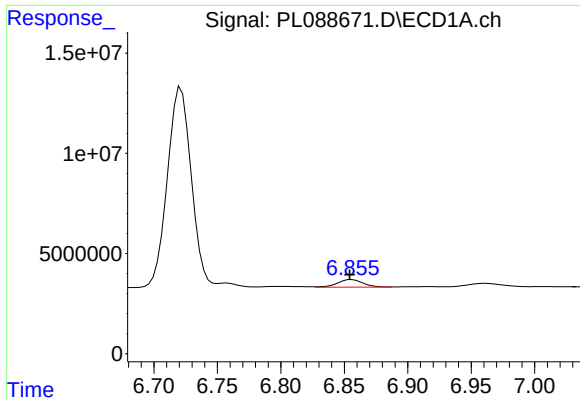
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 329172
Conc: 0.23 ng/ml

#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 130885664
Conc: 47.88 ng/ml

#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 67150562
Conc: 46.59 ng/ml



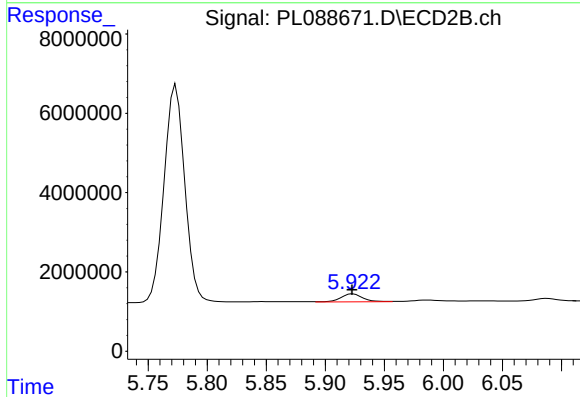
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.002 min
Response: 5155784
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

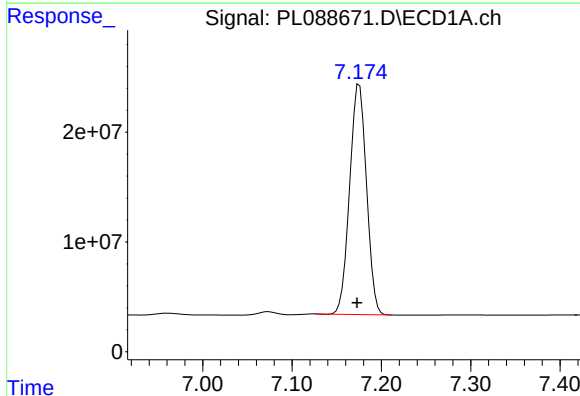
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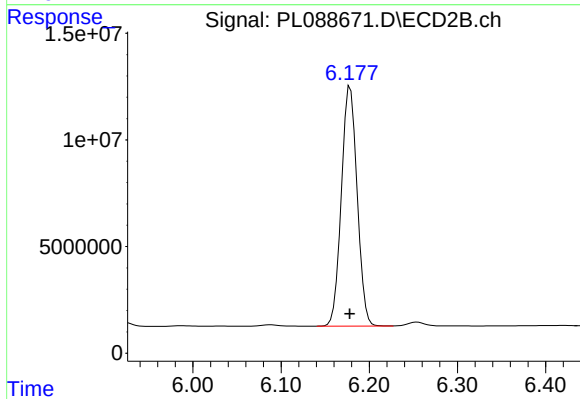
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 2539319
Conc: 2.04 ng/ml



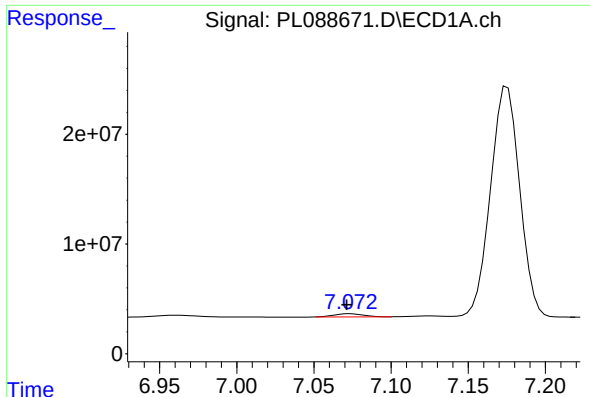
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 275464025
Conc: 103.35 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 139787113
Conc: 104.15 ng/ml



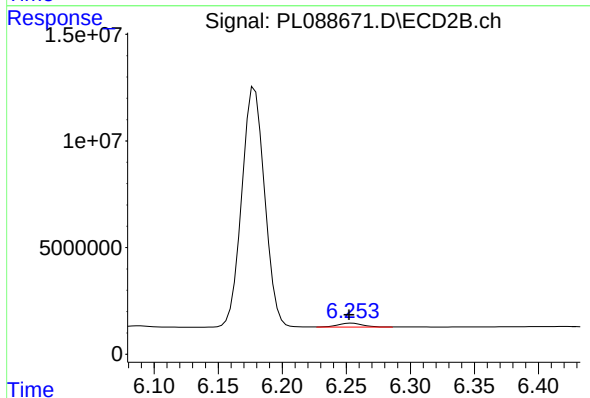
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 3742443
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

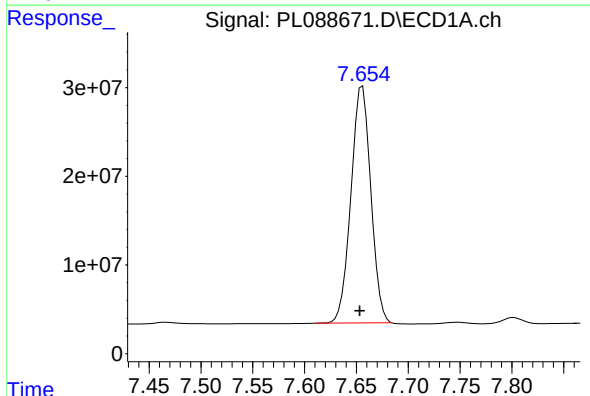
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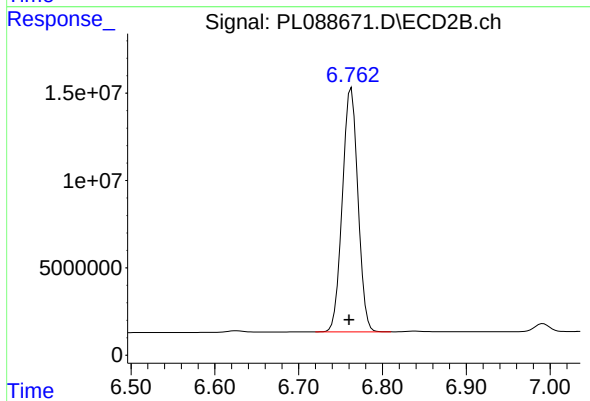
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 2496269
Conc: 2.38 ng/ml



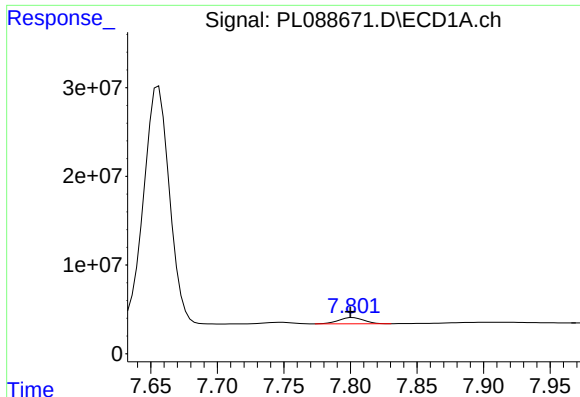
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 356423845
Conc: 236.59 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.003 min
Response: 180238977
Conc: 224.72 ng/ml



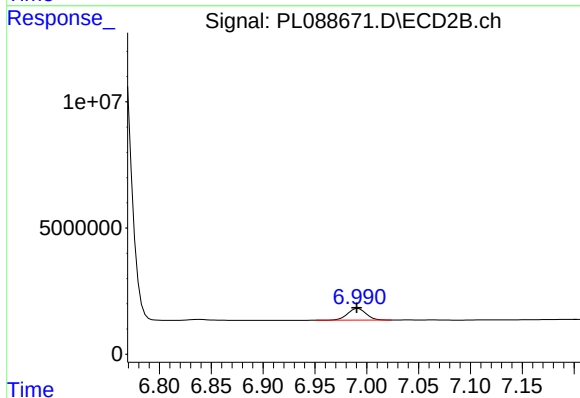
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 9103448
Conc: 3.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

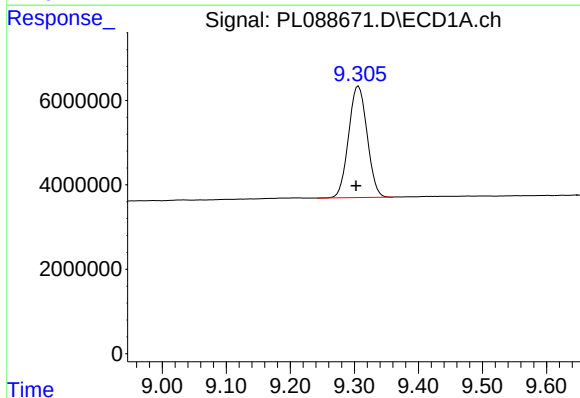
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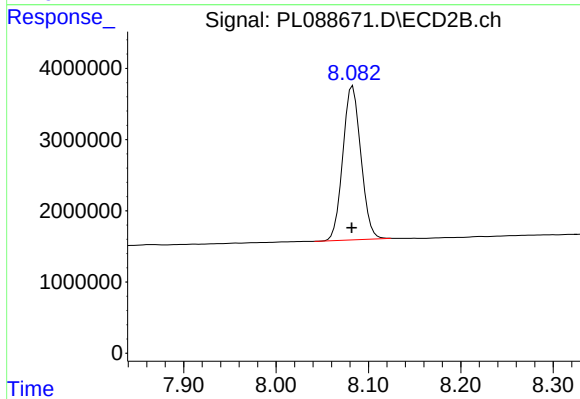
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 5741919
Conc: 3.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.306 min
Delta R.T.: 0.004 min
Response: 53013461
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.001 min
Response: 29344428
Conc: 21.64 ng/ml