

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100223\
 Data File : PL085631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 19:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:48:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100223.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 04:57:42 2023
 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...	3.358	2.622	52882621	18529784	17.800	17.258
28)	SA Decachlor...	8.855	7.772	47190318	16860334	17.494	18.007
Target Compounds							
2)	A alpha-BHC	3.812	3.120	36634599	11503131	8.399	8.309
3)	MA gamma-BHC...	4.143	3.446	33947675	10575084	8.240	8.032m
6)	B beta-BHC	4.345	3.750	16054888	5581195	9.447m	9.721
12)	B 4,4'-DDE	6.018	5.083	1016967	162840	0.333m	0.149 #
14)	MA Endrin	6.388	5.472	117.0E6	43544907	41.865	44.432
16)	A 4,4'-DDD	6.538	5.636	4024324	1480368	1.672	1.680
17)	MA 4,4'-DDT	6.852	5.886	233.6E6	86280813	94.997	98.687
18)	B Endrin al...	6.742	5.952	3033611	3474517	1.413	4.039 #
20)	A Methoxychlor	7.337	6.470	307.9E6	121.4E6	222.735	240.476
21)	B Endrin ke...	7.458	6.677	6633227	2631186	2.249	2.995 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

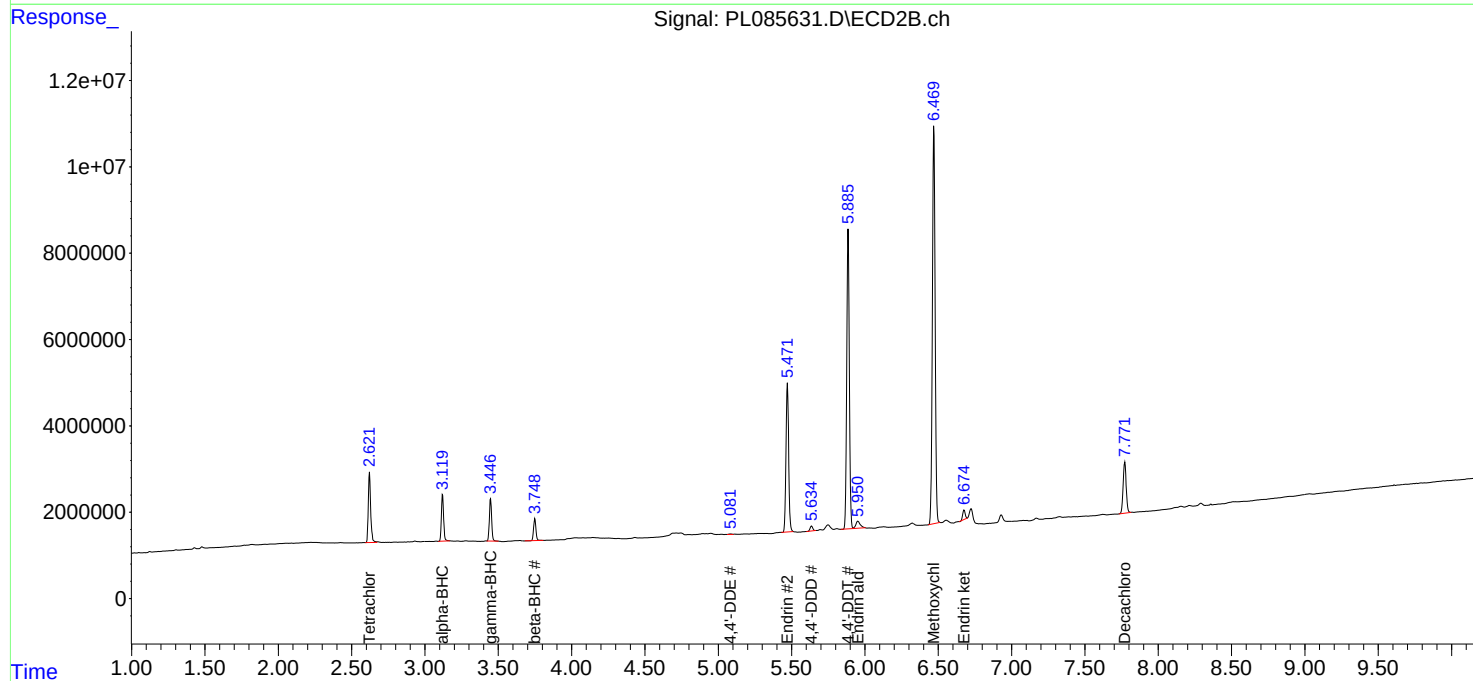
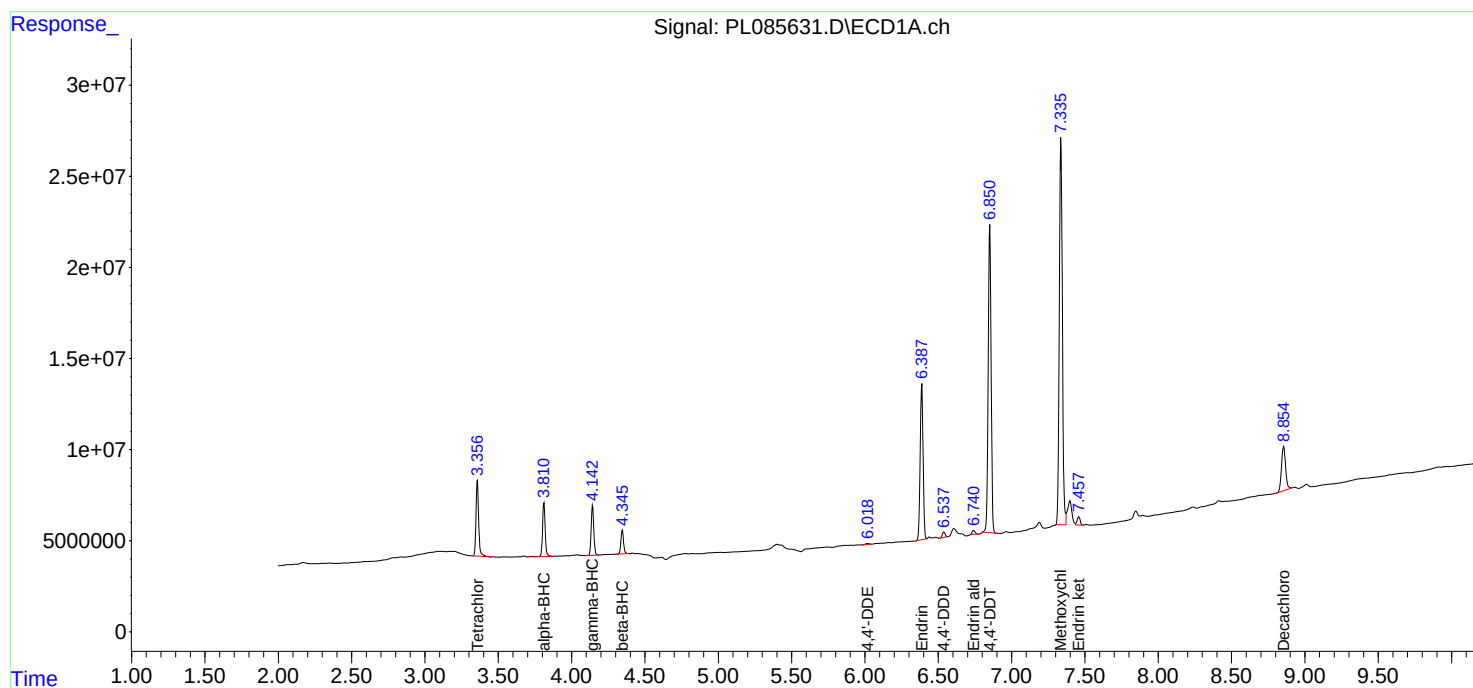
Instrument :
ECD_L
ClientSampleId :
PEM

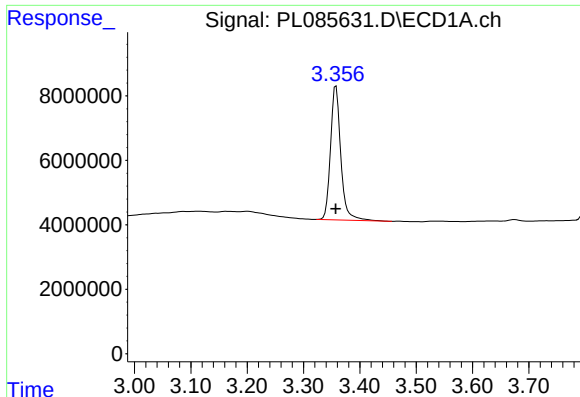
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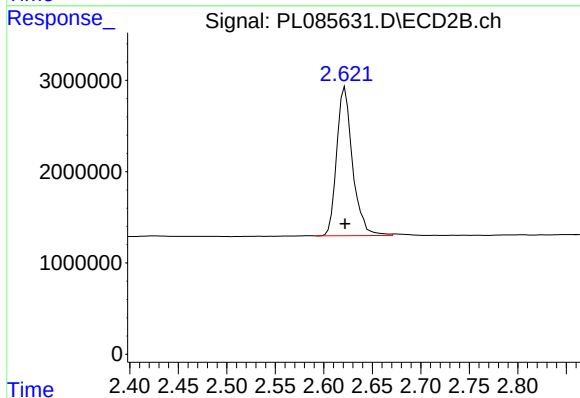
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: 0.000 min
Response: 52882621
Conc: 17.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

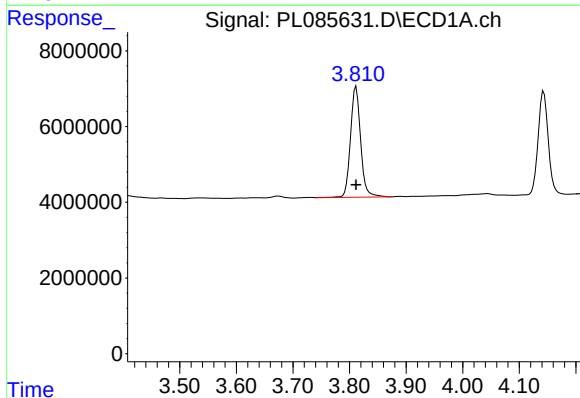
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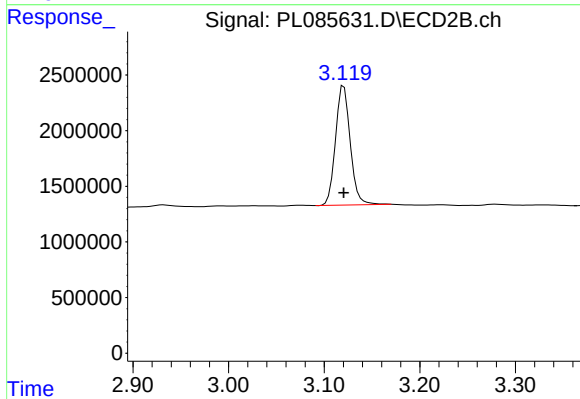
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 18529784
Conc: 17.26 ng/ml



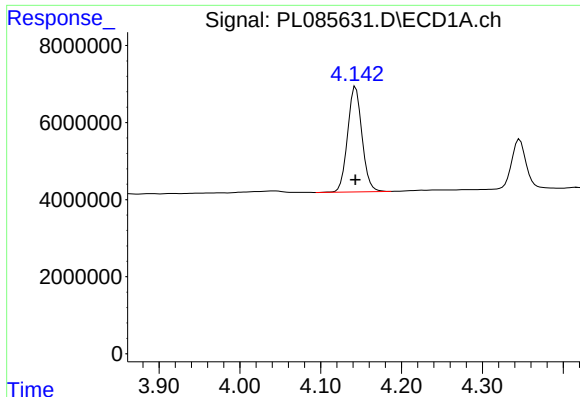
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 36634599
Conc: 8.40 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: 0.000 min
Response: 11503131
Conc: 8.31 ng/ml



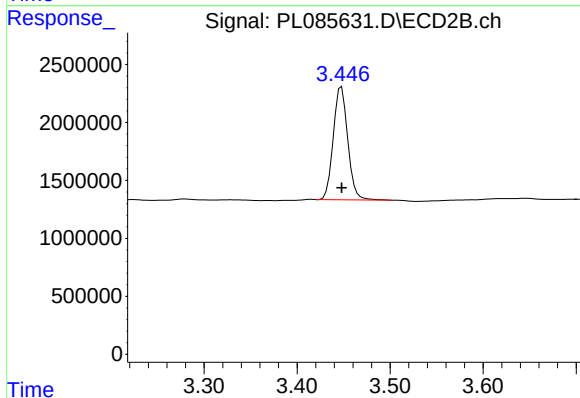
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 33947675
Conc: 8.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

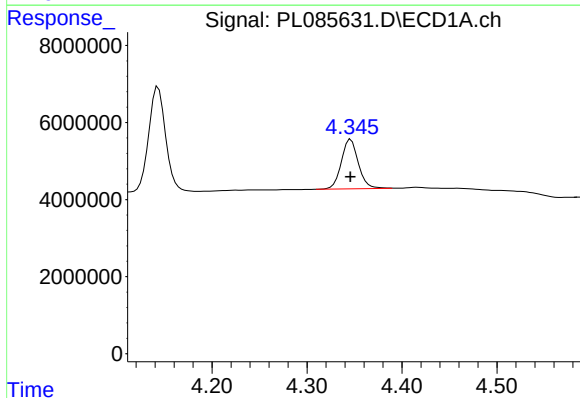
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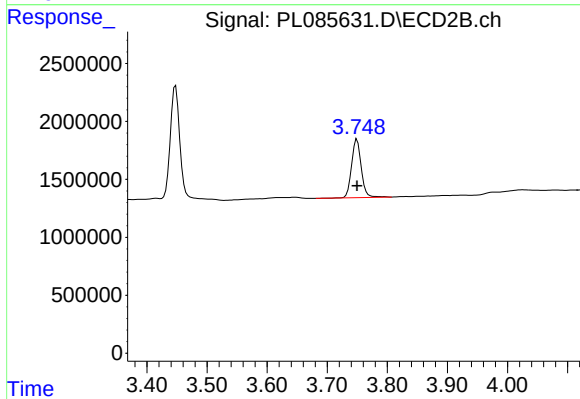
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 10575084
Conc: 8.03 ng/ml m



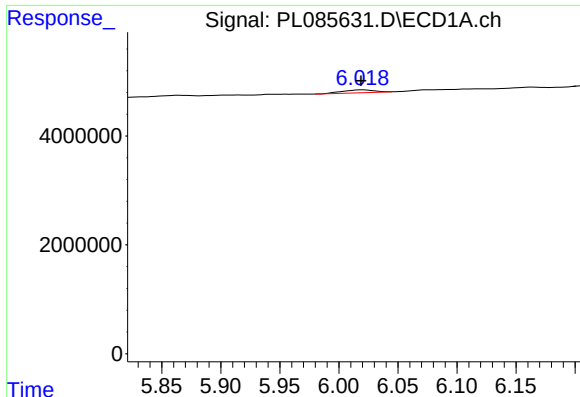
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 16054888
Conc: 9.45 ng/ml m



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 5581195
Conc: 9.72 ng/ml



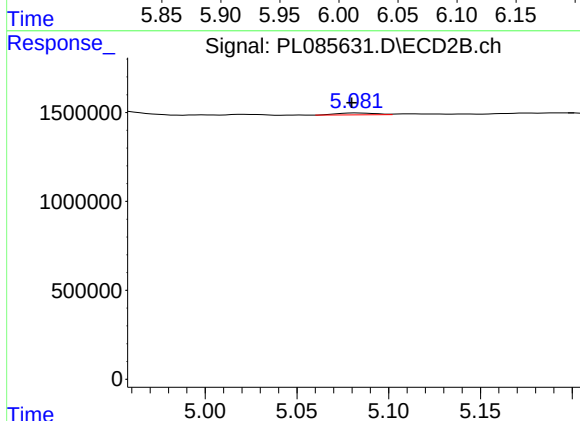
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.001 min
Response: 1016967
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

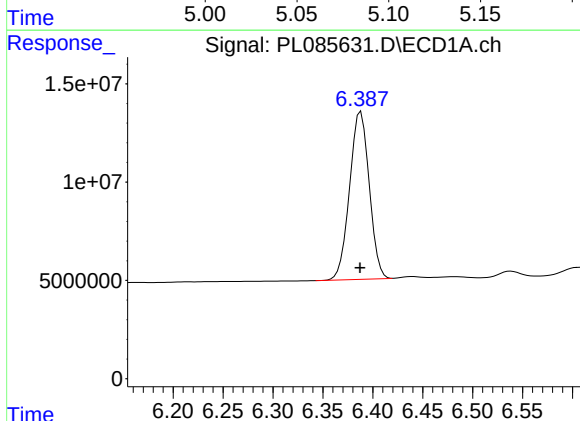
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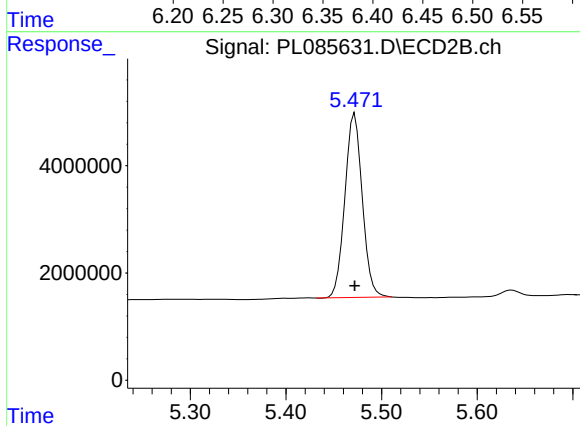
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.003 min
Response: 162840
Conc: 0.15 ng/ml



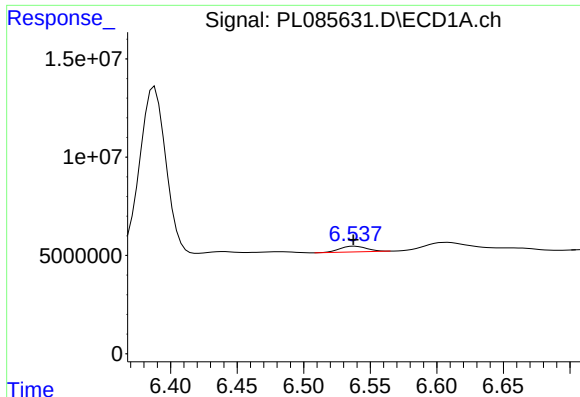
#14 Endrin

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 116953326
Conc: 41.87 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 43544907
Conc: 44.43 ng/ml



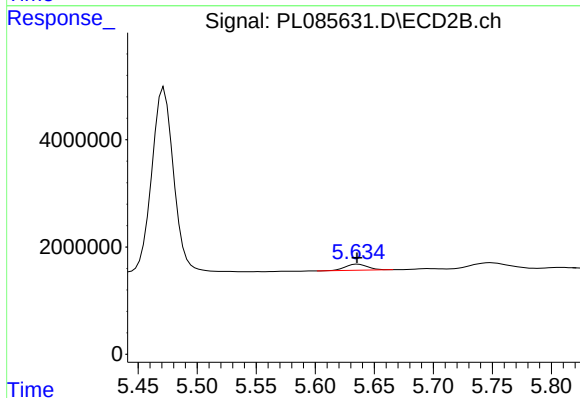
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 4024324
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

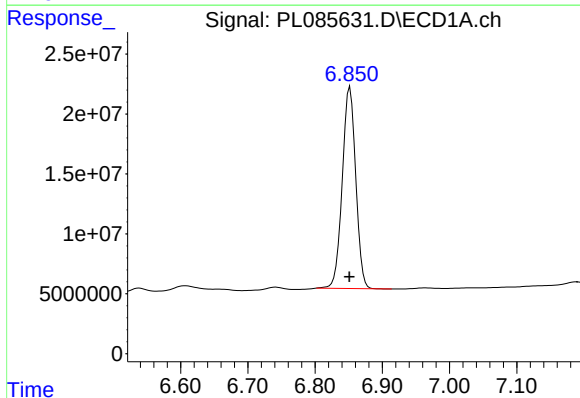
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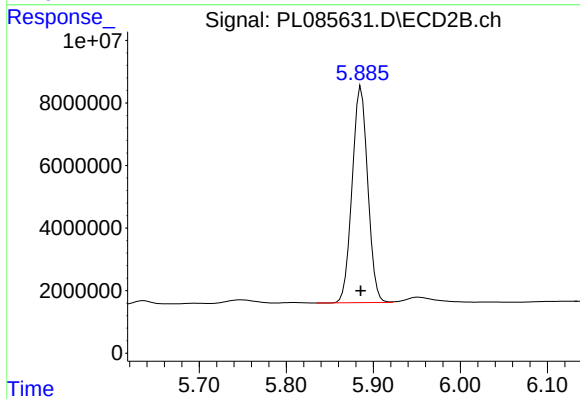
#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 1480368
Conc: 1.68 ng/ml



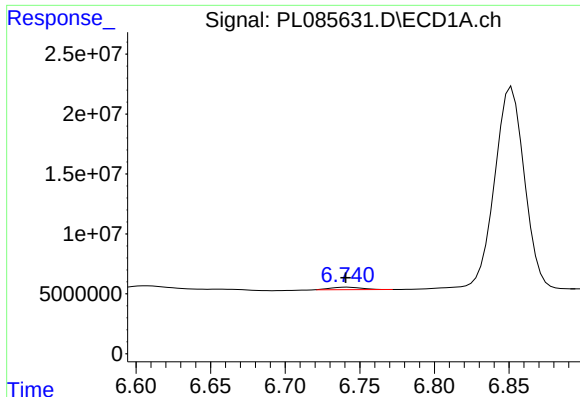
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 233571343
Conc: 95.00 ng/ml



#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 86280813
Conc: 98.69 ng/ml



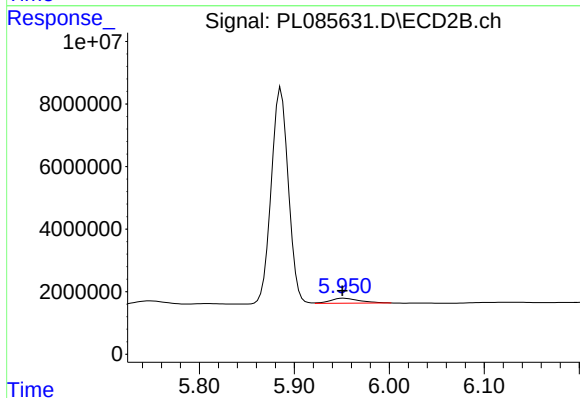
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3033611
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

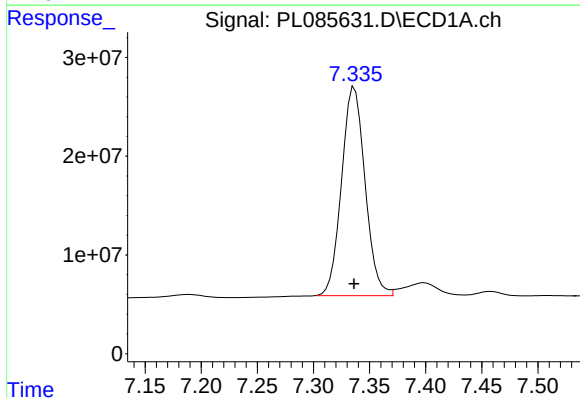
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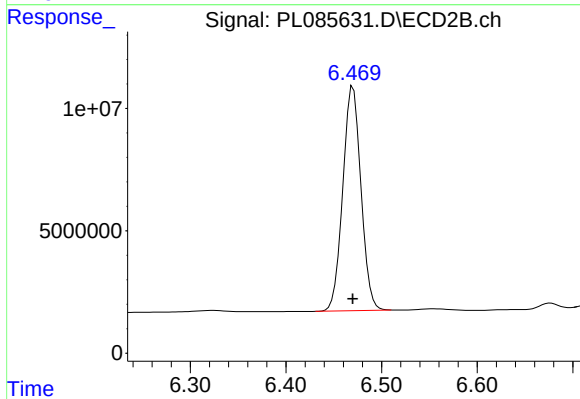
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 3474517
Conc: 4.04 ng/ml



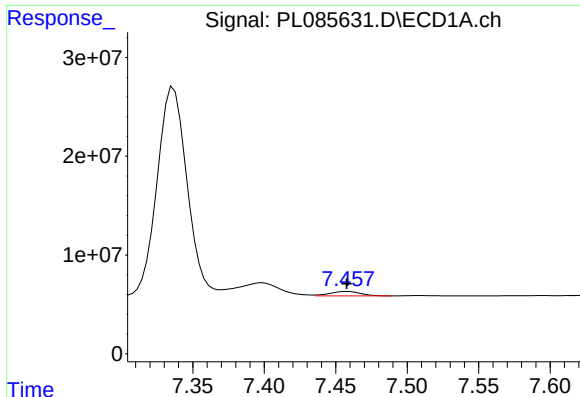
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 307850046
Conc: 222.73 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 121429864
Conc: 240.48 ng/ml



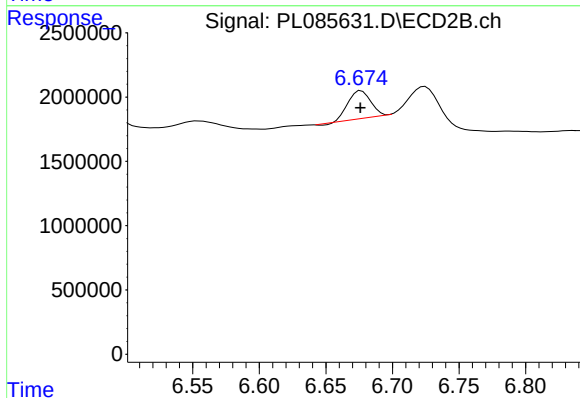
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 6633227
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

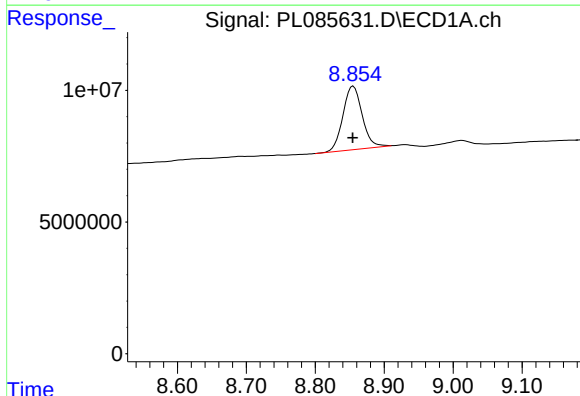
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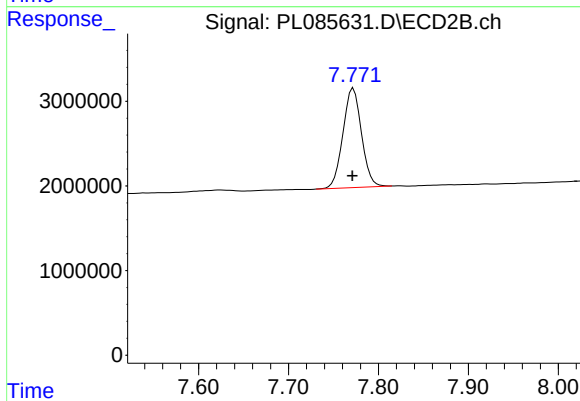
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 2631186
Conc: 3.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 47190318
Conc: 17.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: 0.001 min
Response: 16860334
Conc: 18.01 ng/ml