

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010224\
 Data File : PL087588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jan 2024 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 02 20:28:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.421	2.675	59315221	23986828	19.813	19.802
28)	SA Decachlor...	8.982	7.864	57792405	24896810	20.292	19.653
Target Compounds							
2)	A alpha-BHC	3.877	3.179	40321582	15868292	8.986	8.610
3)	MA gamma-BHC...	4.211	3.509	39184725	15081947	8.984	8.299
6)	B beta-BHC	4.410	3.811	20051279	7874984	10.777	10.296
12)	B 4,4'-DDE	6.095	5.153	587046	162094	0.184	0.121m#
14)	MA Endrin	6.472	5.554	125.6E6	61493902	40.003	43.367
16)	A 4,4'-DDD	6.618	5.714	2969271	1225480	1.152	1.087
17)	MA 4,4'-DDT	6.934	5.967	274.8E6	126.8E6	96.082	101.857
18)	B Endrin al...	6.826	6.033	3851811	3064298	1.531	2.637m#
20)	A Methoxychlor	7.421	6.553	358.9E6	161.1E6	221.046	218.927
21)	B Endrin ke...	7.548	6.764	8474757	4020196	2.606	2.622

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

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Acq On : 02 Jan 2024 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

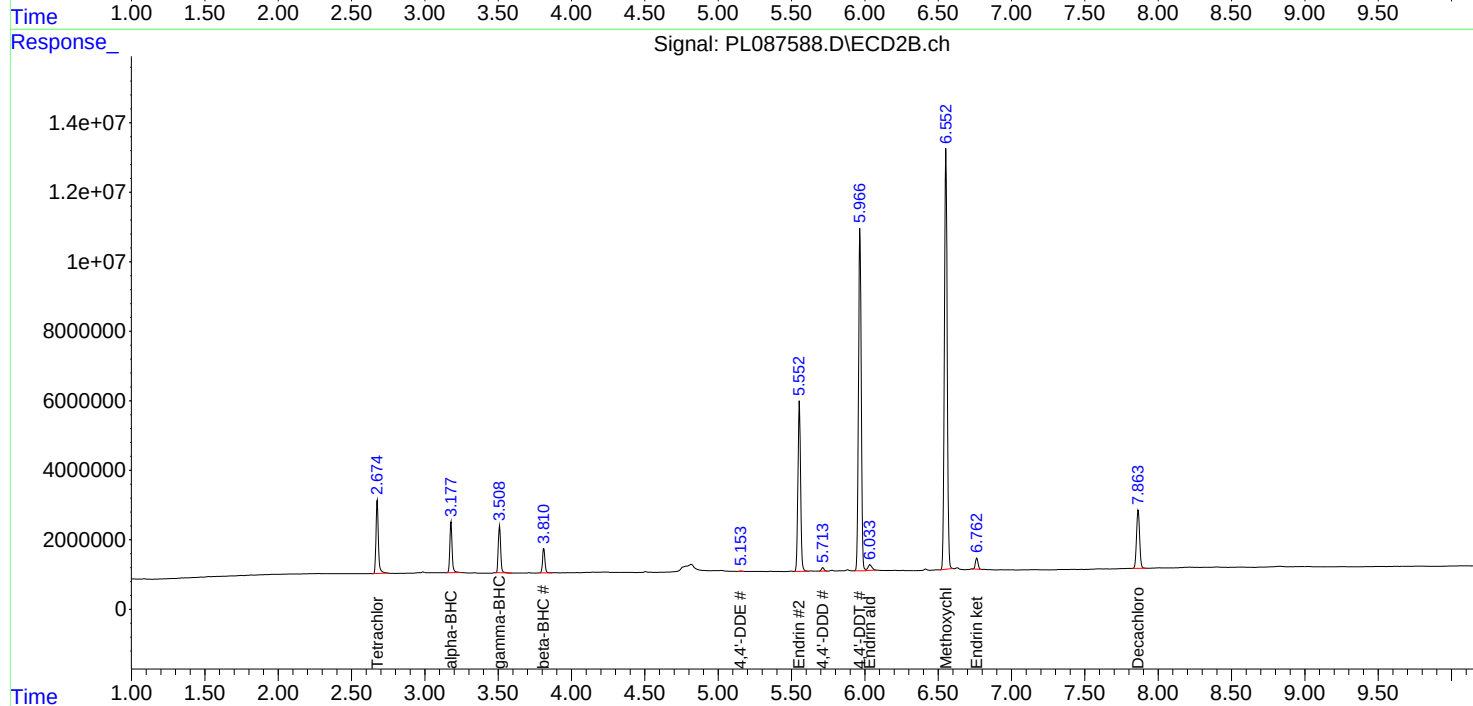
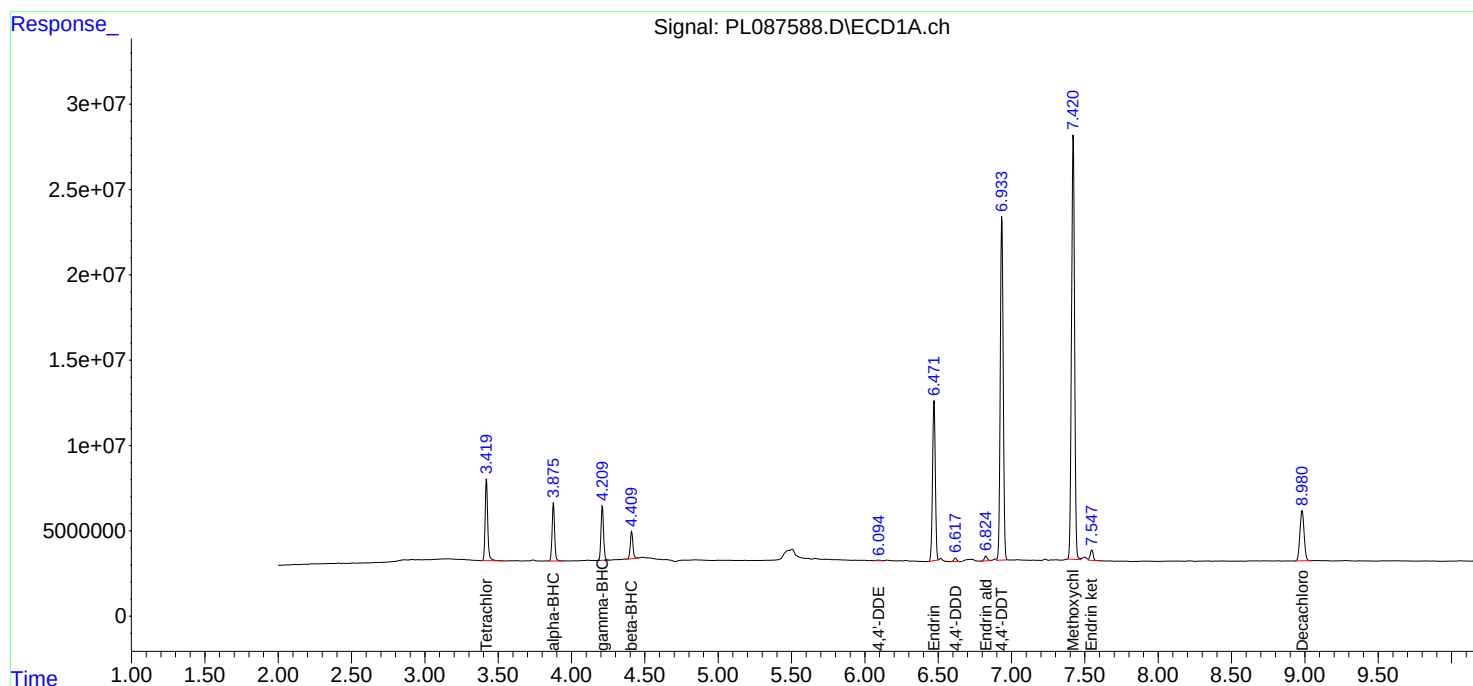
Instrument :
ECD_L
ClientSampleId :
PEM

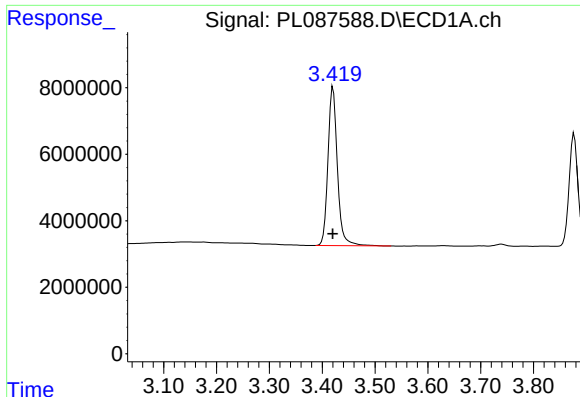
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Integration File signal 1: autoint1.e
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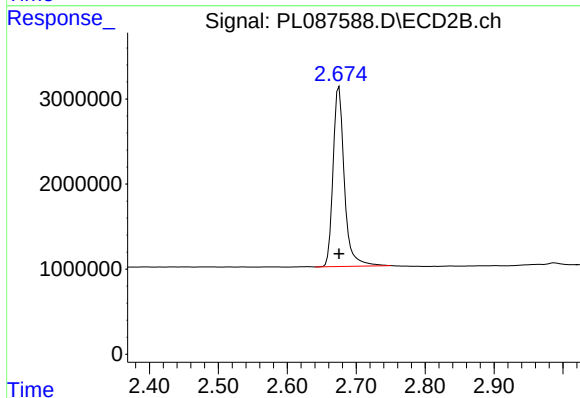
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 59315221
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

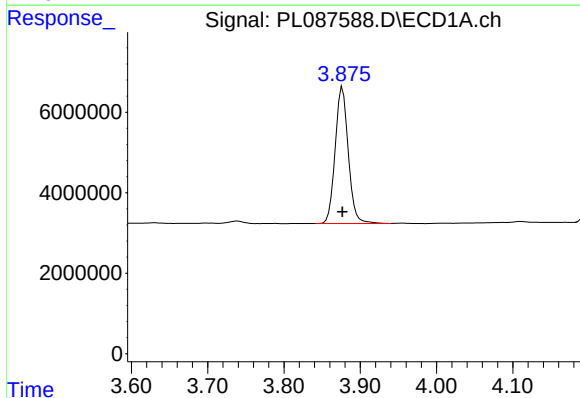
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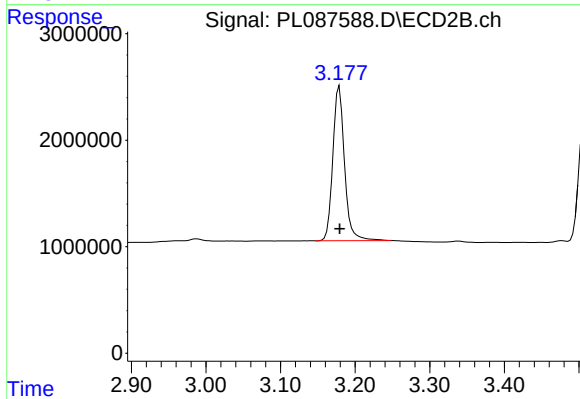
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 23986828
Conc: 19.80 ng/ml



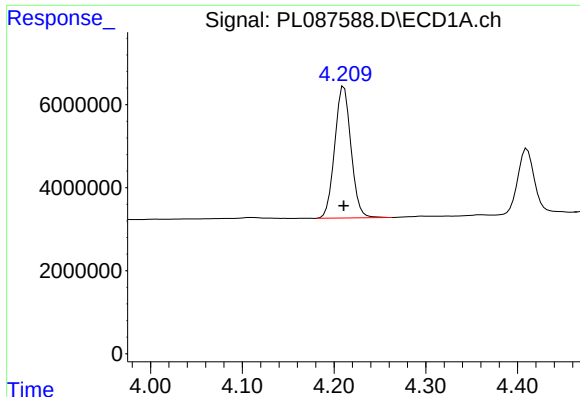
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 40321582
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 15868292
Conc: 8.61 ng/ml



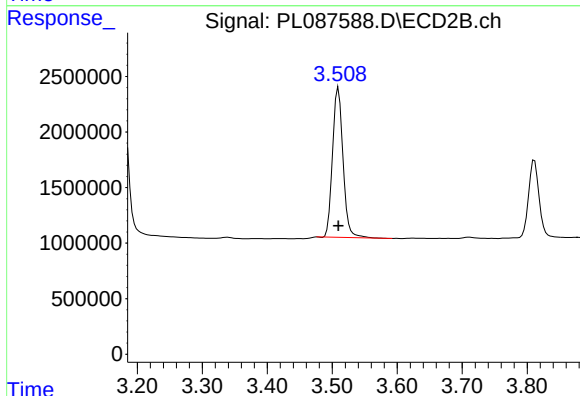
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 39184725
Conc: 8.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

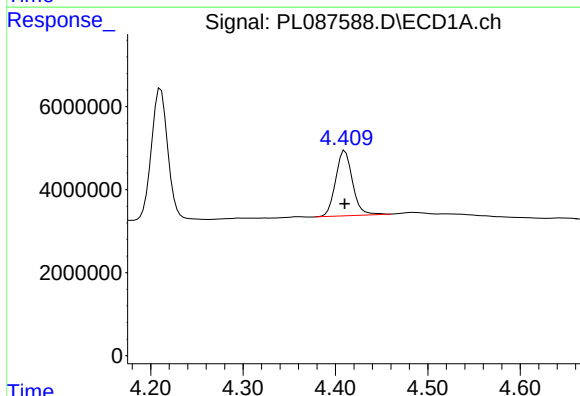
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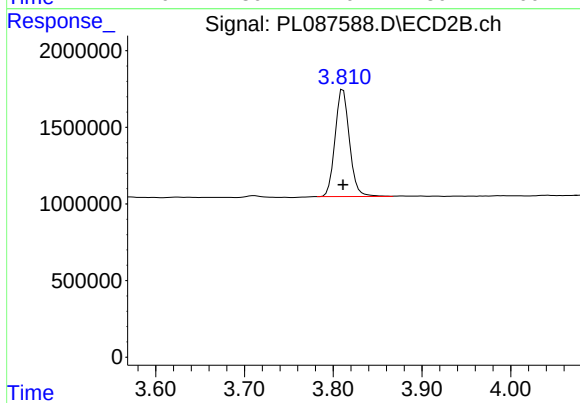
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 15081947
Conc: 8.30 ng/ml



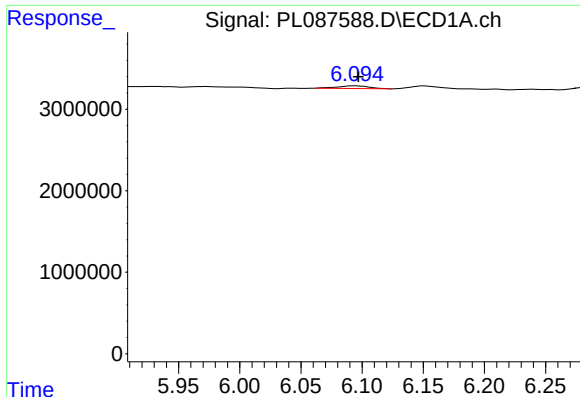
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 20051279
Conc: 10.78 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 7874984
Conc: 10.30 ng/ml



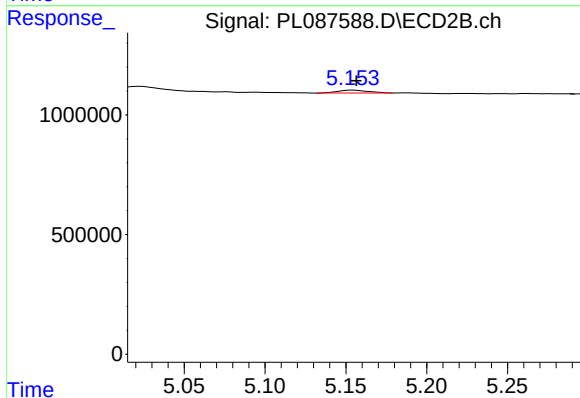
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 587046
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

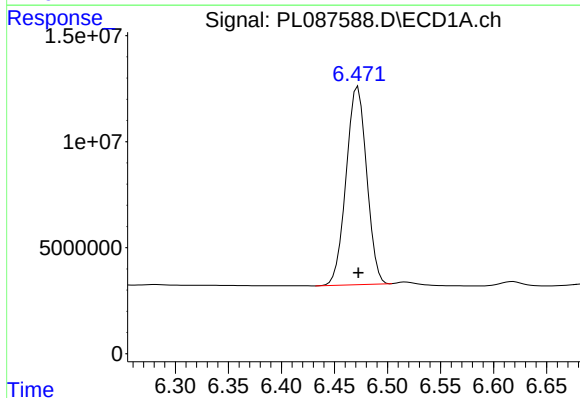
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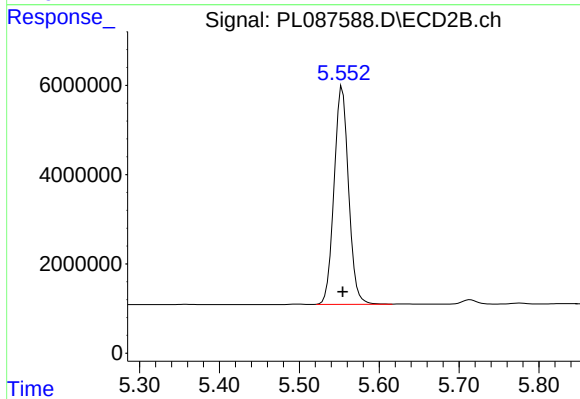
#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: -0.004 min
Response: 162094
Conc: 0.12 ng/ml m



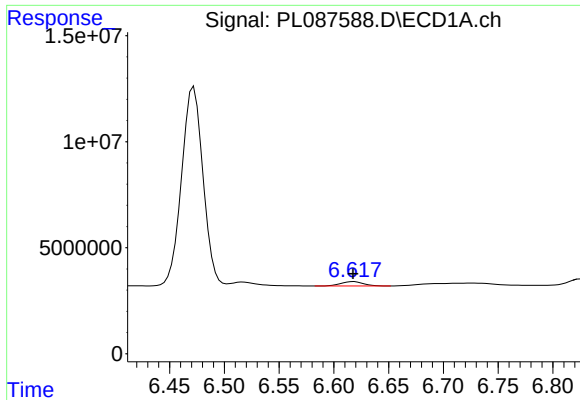
#14 Endrin

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 125644599
Conc: 40.00 ng/ml



#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 61493902
Conc: 43.37 ng/ml



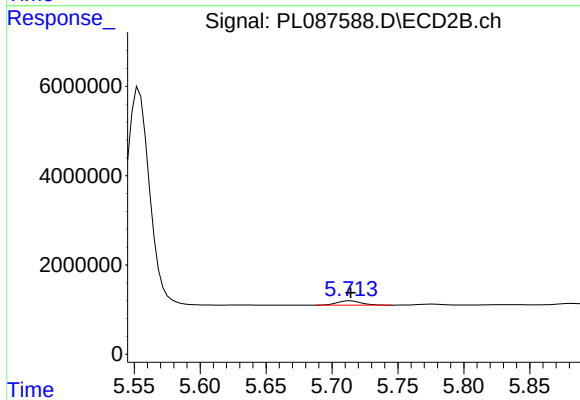
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2969271
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

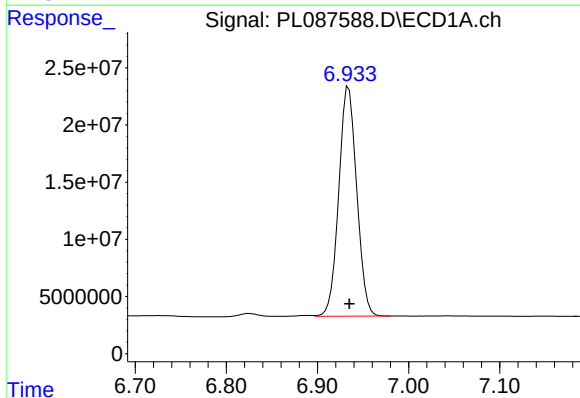
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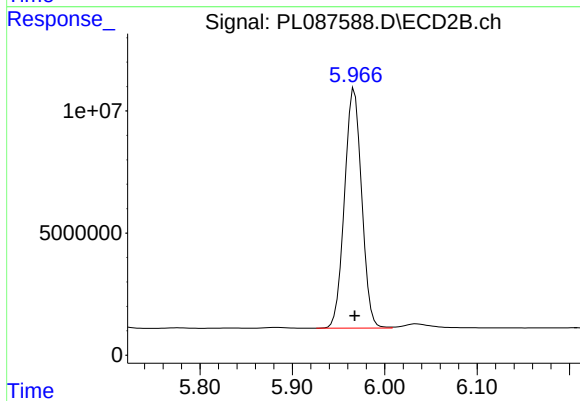
#16 4,4'-DDD

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1225480
Conc: 1.09 ng/ml



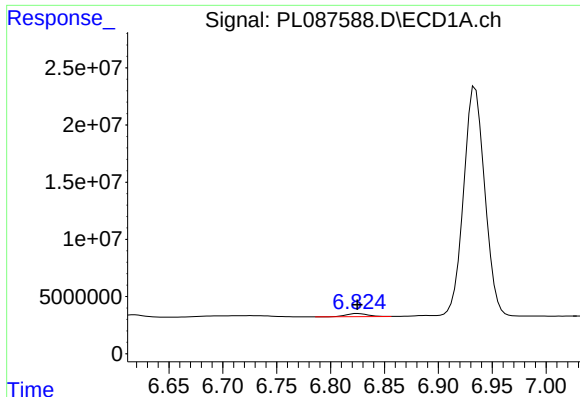
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 274750908
Conc: 96.08 ng/ml



#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 126769519
Conc: 101.86 ng/ml



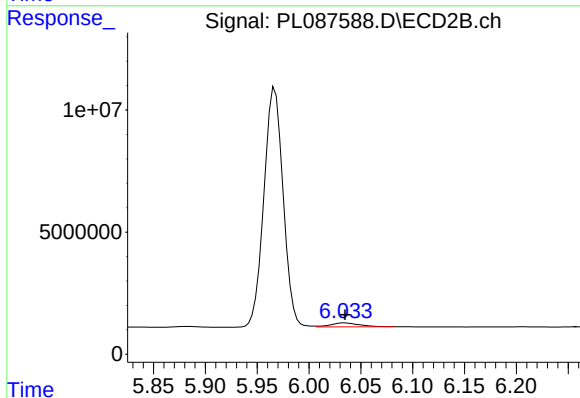
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3851811
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

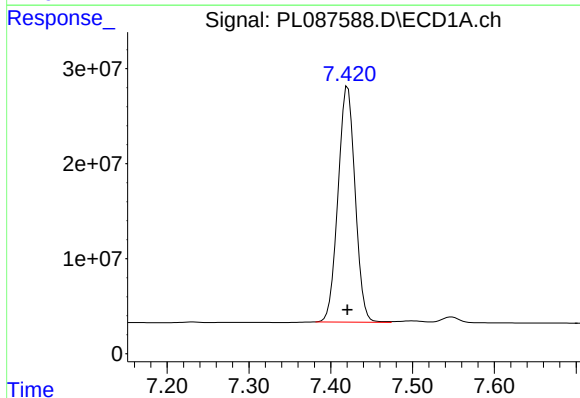
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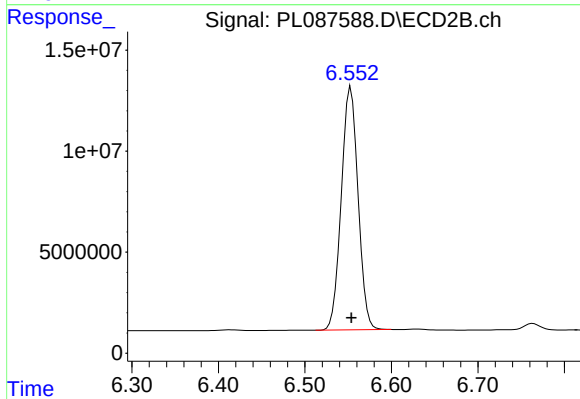
#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 3064298
Conc: 2.64 ng/ml m



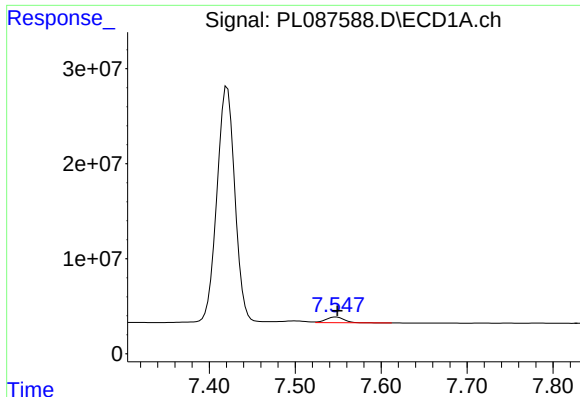
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 358885584
Conc: 221.05 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 161147847
Conc: 218.93 ng/ml



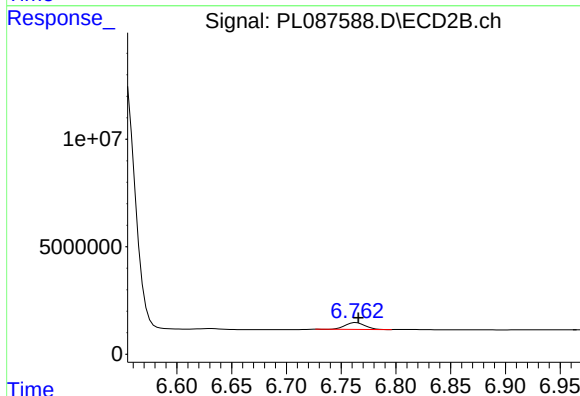
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 8474757
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

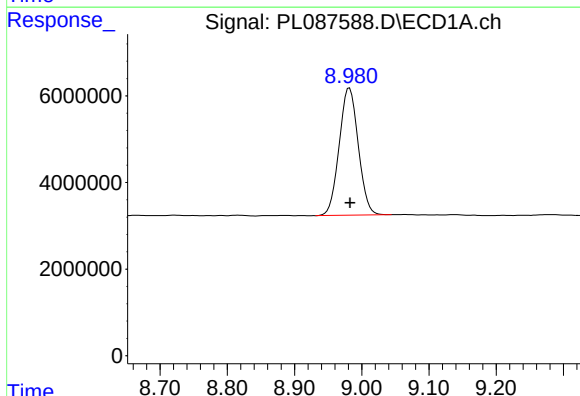
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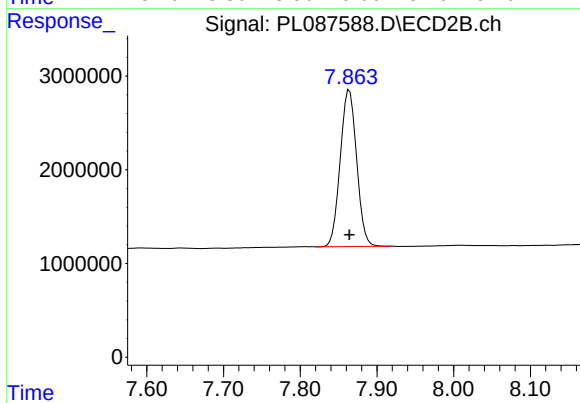
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 4020196
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min
Delta R.T.: 0.000 min
Response: 57792405
Conc: 20.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 24896810
Conc: 19.65 ng/ml