

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082022\
 Data File : PL077223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2022 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/22/2022
 Supervised By : Ankita Jodhani 08/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 02:02:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 2022
 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...	3.419	2.635	20996024	53295599	21.413	18.618
28)	SA Decachlor...	8.911	7.739	18383030	46250154	24.350	20.545
Target Compounds							
2)	A alpha-BHC	3.883	3.128	13859698	38845450	10.012	9.160
3)	MA gamma-BHC...	4.219	3.452	13396744	35554901	10.477	9.319
6)	B beta-BHC	4.431	3.751	6953024	16015400	12.387	10.250
12)	B 4,4'-DDE	6.080	5.065	191445	533027	0.219m	0.185m
14)	MA Endrin	6.465	5.461	42304718	111.1E6	51.981	43.750
16)	A 4,4'-DDD	6.605	5.618	5177801	13432047	6.797	5.961
17)	MA 4,4'-DDT	6.917	5.867	82523860	214.5E6	107.391	94.614
18)	B Endrin al...	6.823	5.937	1832950	4596420	2.542	2.338
20)	A Methoxychlor	7.397	6.445	112.9E6	267.8E6	254.370	222.603
21)	B Endrin ke...	7.545	6.658	4613944	11243164	5.093	4.420

(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

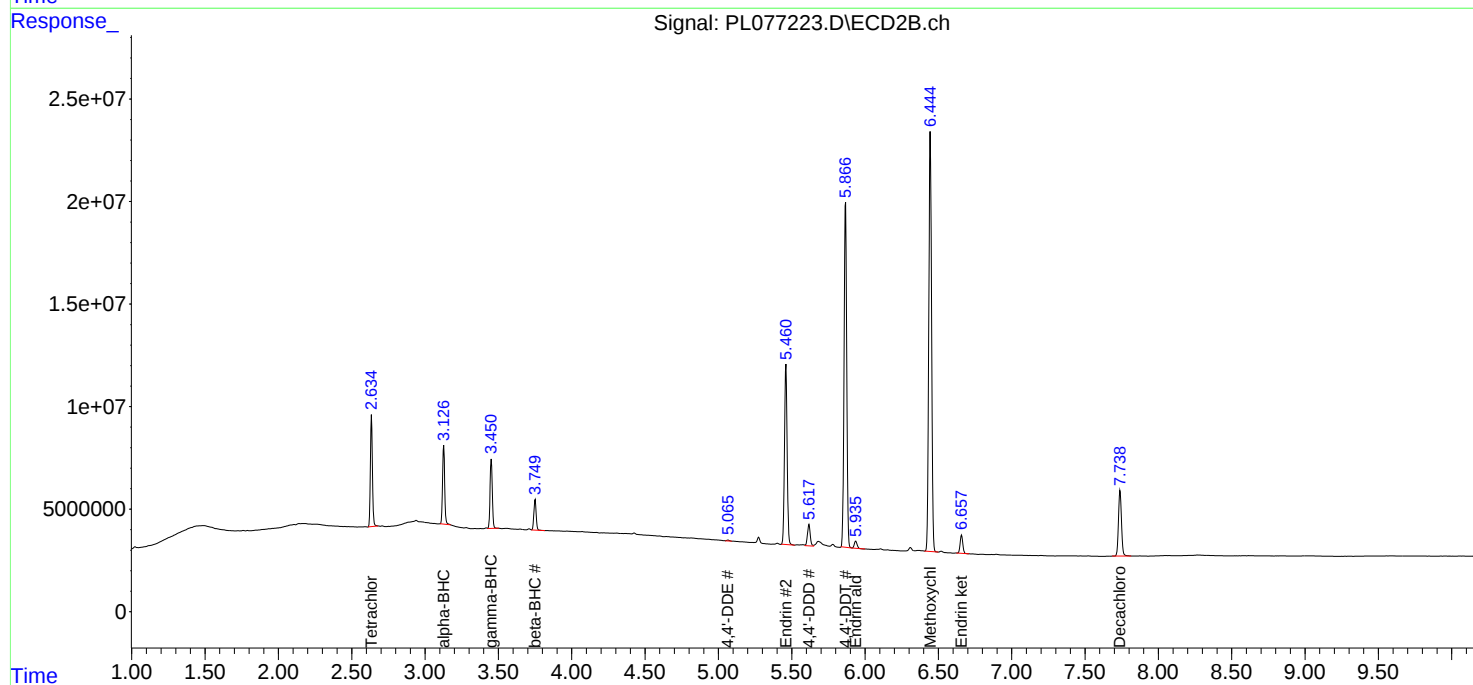
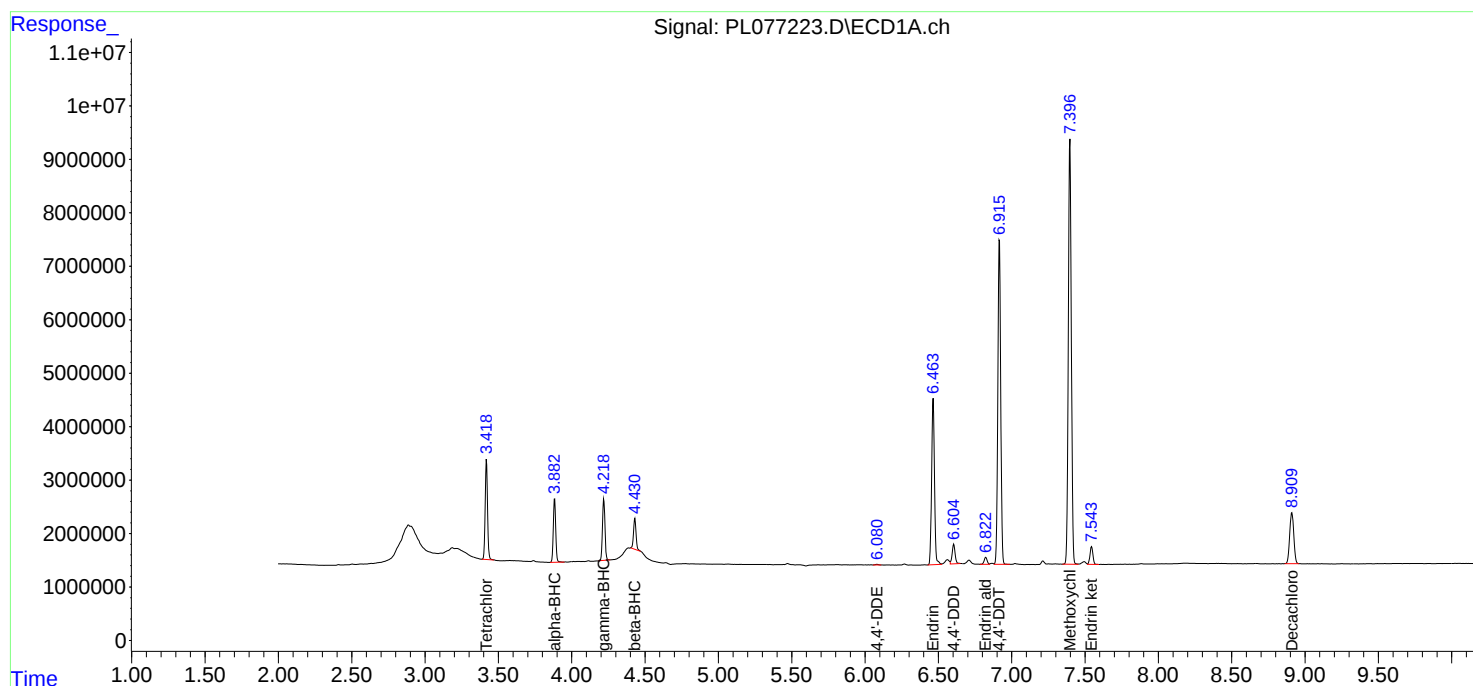
Instrument :
ECD_L
ClientSampleId :
PEM

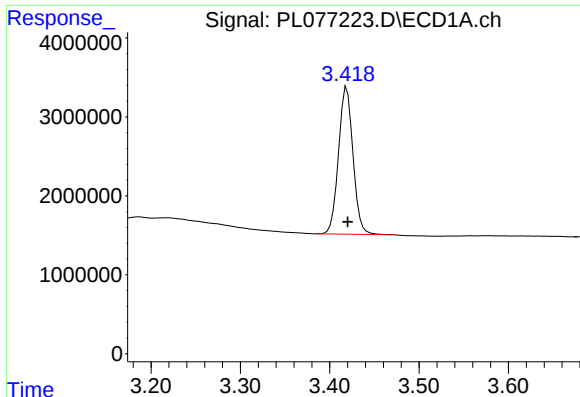
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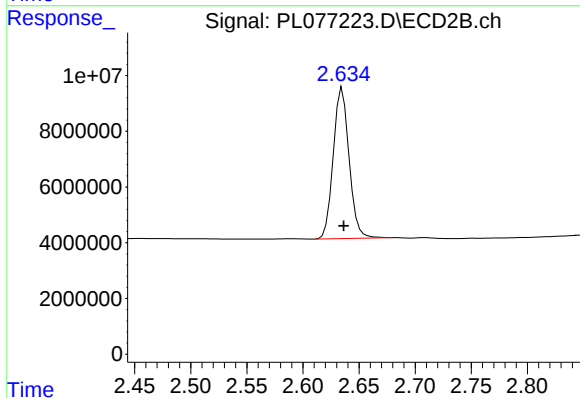
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 20996024
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

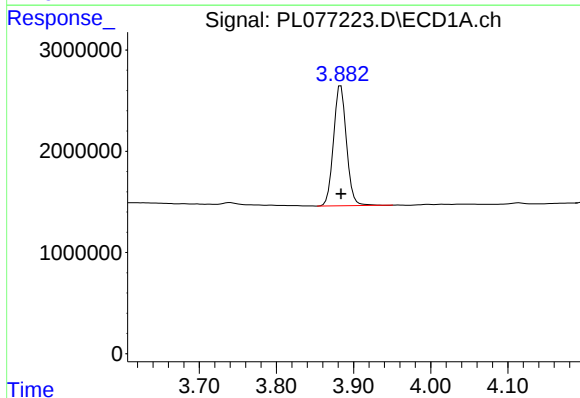
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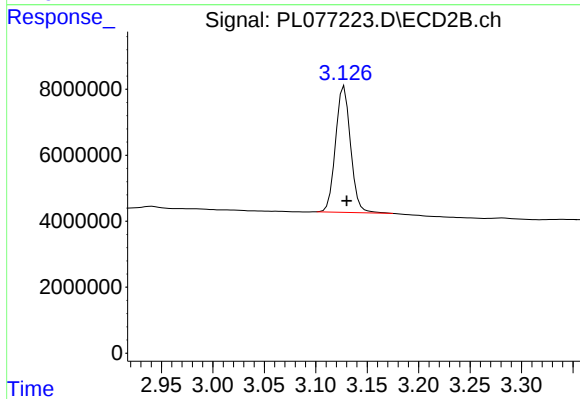
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.001 min
Response: 53295599
Conc: 18.62 ng/ml



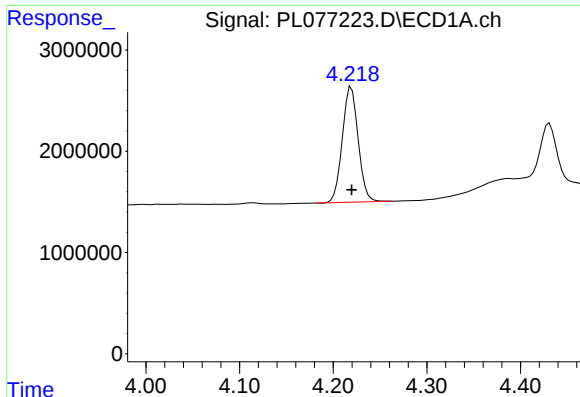
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 13859698
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.002 min
Response: 38845450
Conc: 9.16 ng/ml



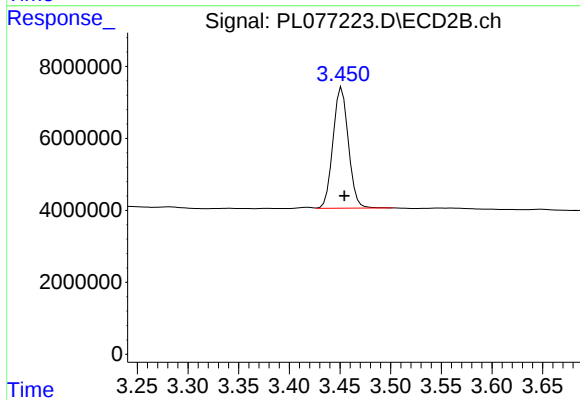
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 13396744
Conc: 10.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

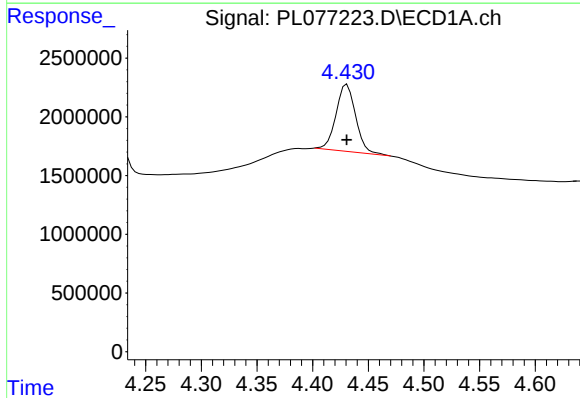
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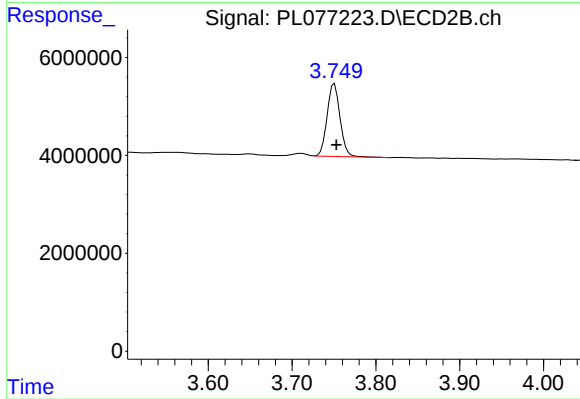
#3 gamma-BHC (Lindane)

R.T.: 3.452 min
Delta R.T.: -0.002 min
Response: 35554901
Conc: 9.32 ng/ml



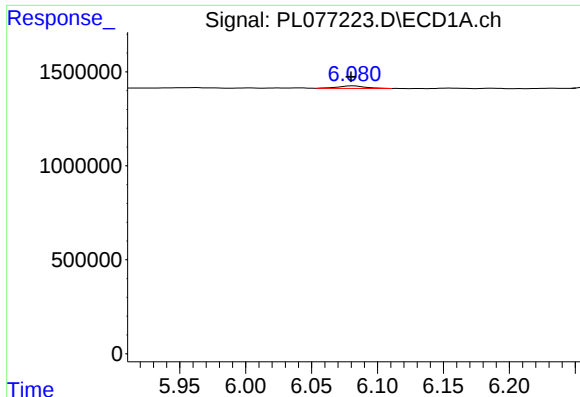
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6953024
Conc: 12.39 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 16015400
Conc: 10.25 ng/ml



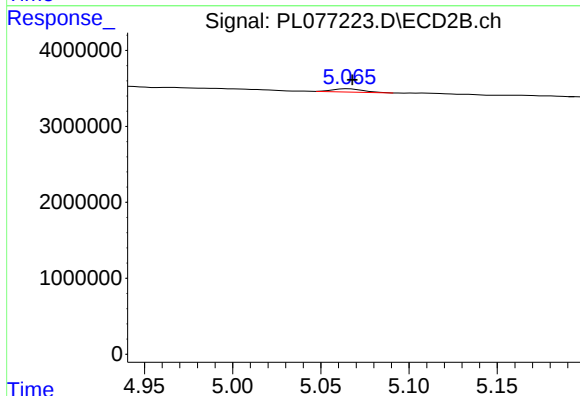
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 191445
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

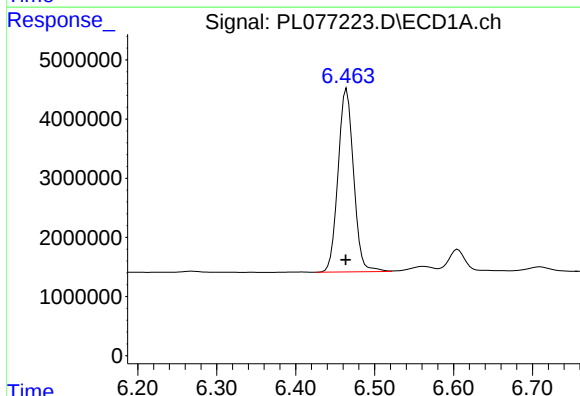
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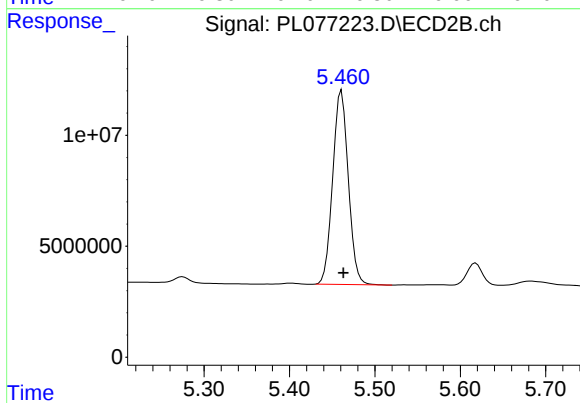
#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 533027
Conc: 0.18 ng/ml m



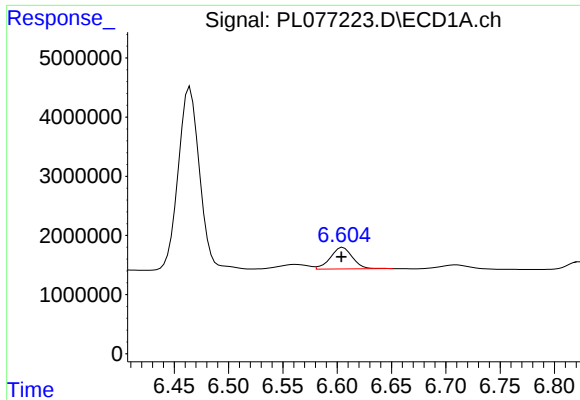
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.001 min
Response: 42304718
Conc: 51.98 ng/ml



#14 Endrin

R.T.: 5.461 min
Delta R.T.: -0.002 min
Response: 111138889
Conc: 43.75 ng/ml



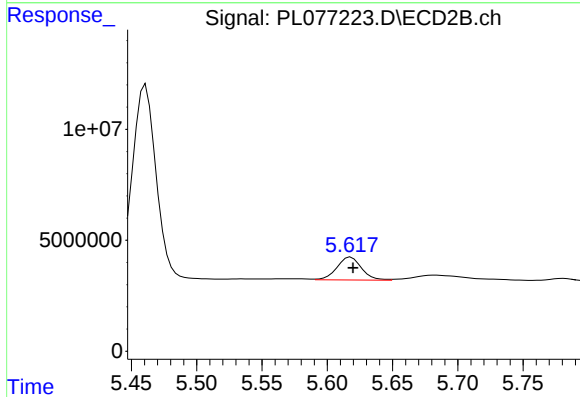
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 5177801
Conc: 6.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

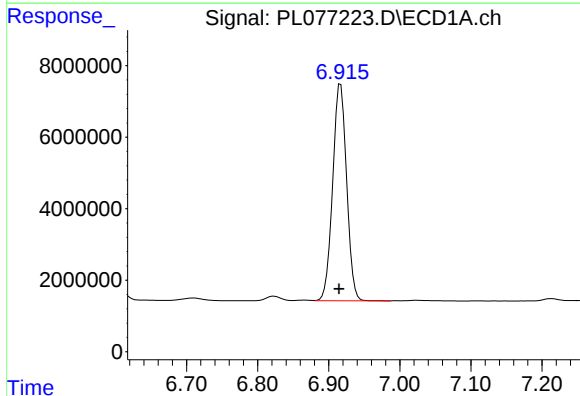
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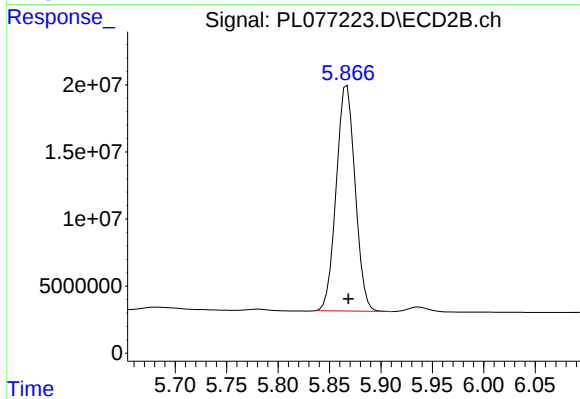
#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 13432047
Conc: 5.96 ng/ml



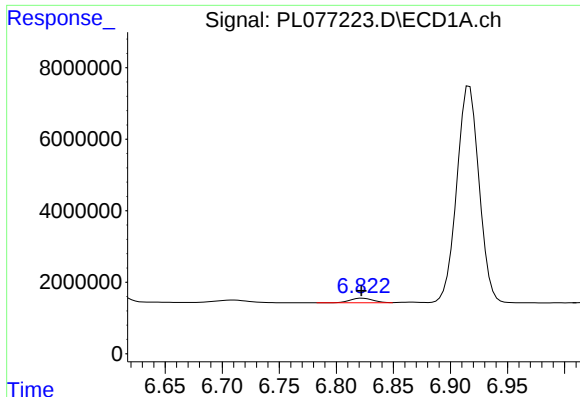
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 82523860
Conc: 107.39 ng/ml



#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 214469481
Conc: 94.61 ng/ml



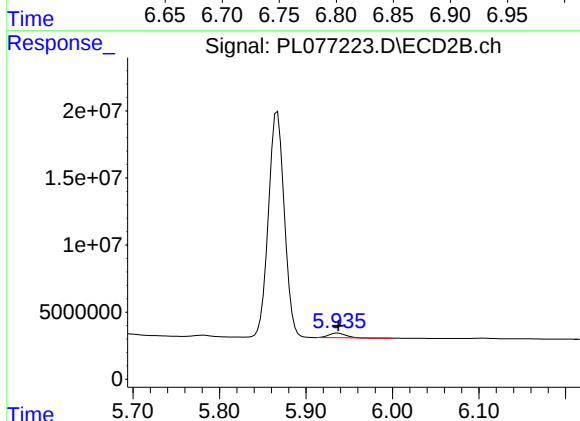
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.001 min
Response: 1832950
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

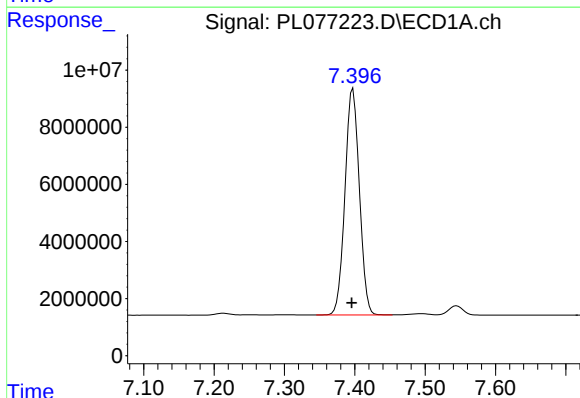
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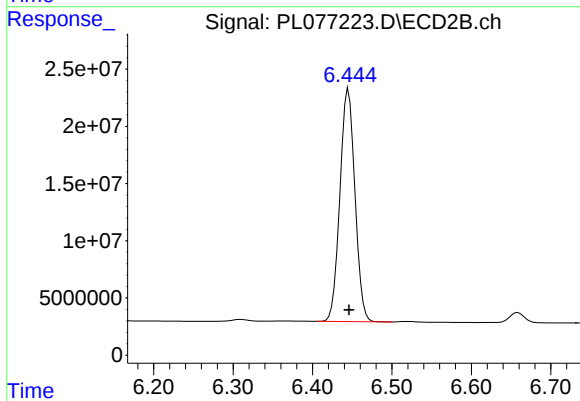
#18 Endrin aldehyde

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 4596420
Conc: 2.34 ng/ml



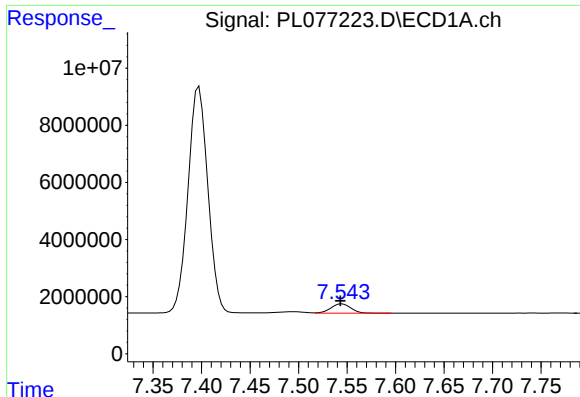
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 112911008
Conc: 254.37 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 267750964
Conc: 222.60 ng/ml



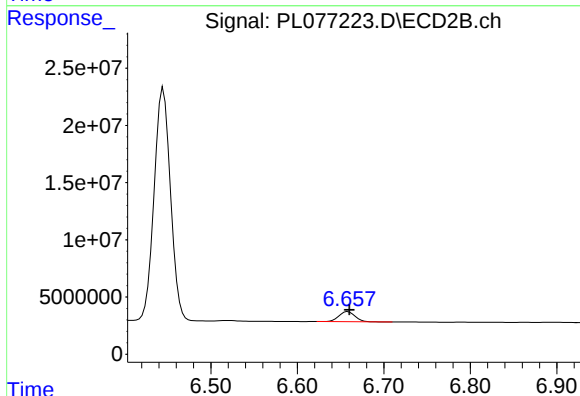
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 4613944
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

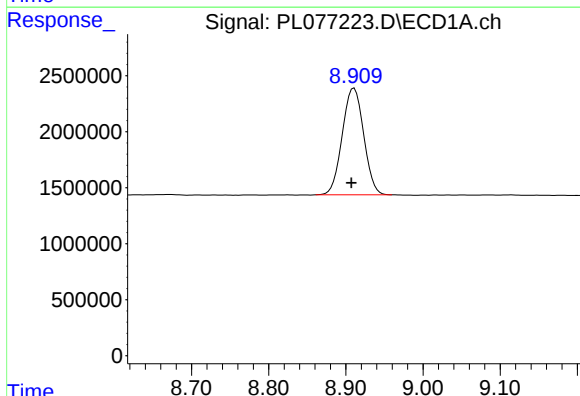
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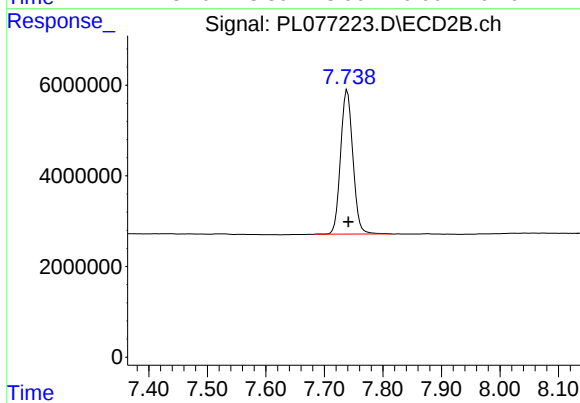
#21 Endrin ketone

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 11243164
Conc: 4.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.004 min
Response: 18383030
Conc: 24.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 46250154
Conc: 20.54 ng/ml