

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102422\
 Data File : PL078487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2022 09:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2022
 Supervised By :Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 22:34:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.325	2.574	34289715	44939921	17.981	17.601
28)	SA Decachlor...	8.780	7.646	27370077	31815058	18.194	16.797
Target Compounds							
2)	A alpha-BHC	3.786	3.061	23416097	33613228	8.155	8.512
3)	MA gamma-BHC...	4.119	3.382	22764709	30744520	8.521	8.554
6)	B beta-BHC	4.334	3.682	10639933	14336723	9.236	9.992
12)	B 4,4'-DDE	5.980	4.982	471883	347815	0.236	0.128m#
14)	MA Endrin	6.356	5.375	71593396	96142402	37.724	36.903
16)	A 4,4'-DDD	6.503	5.535	3413734	4918188	2.048	2.239
17)	MA 4,4'-DDT	6.814	5.782	151.9E6	182.3E6	84.726	84.050
18)	B Endrin al...	6.717	5.851	2733306	4561658	1.878	2.431 #
20)	A Methoxychlor	7.297	6.359	194.8E6	214.9E6	211.550	189.397
21)	B Endrin ke...	7.435	6.569	4751130	9683591	2.525	3.746 #

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

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Acq On : 24 Oct 2022 09:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

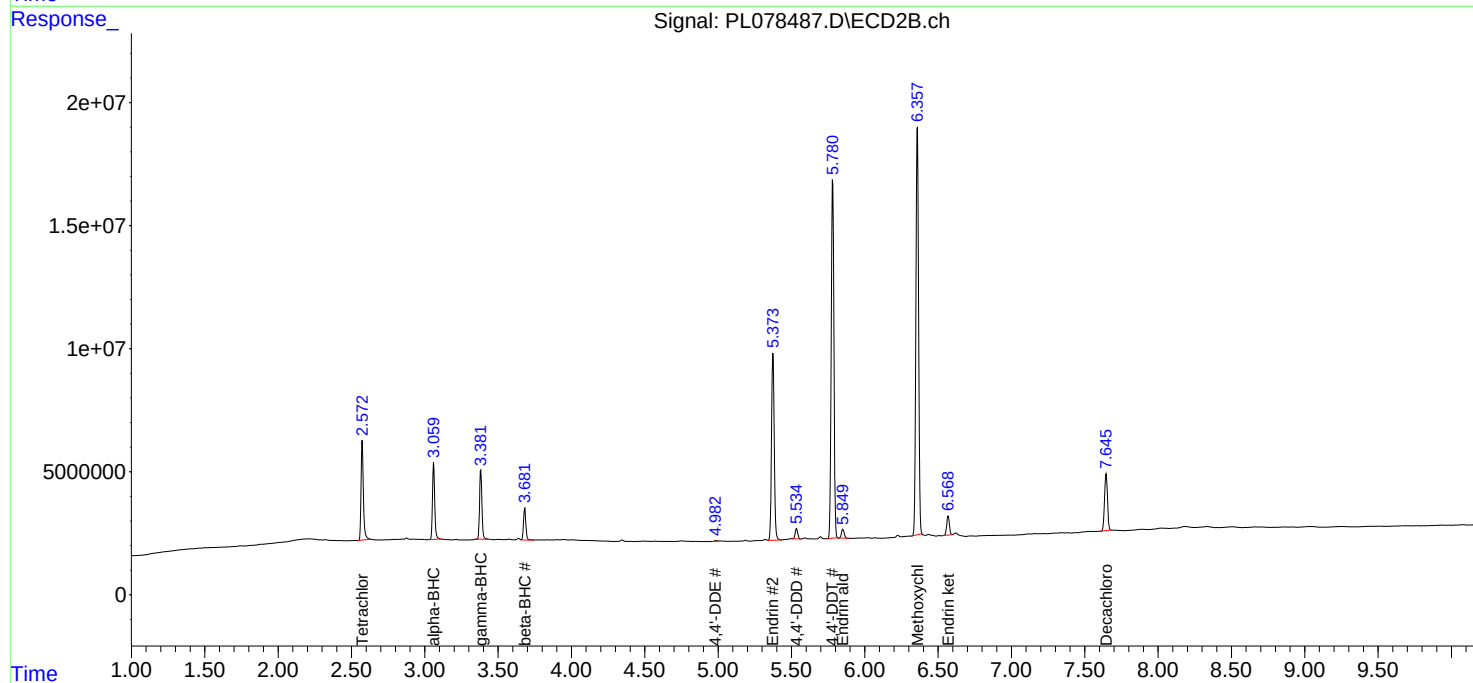
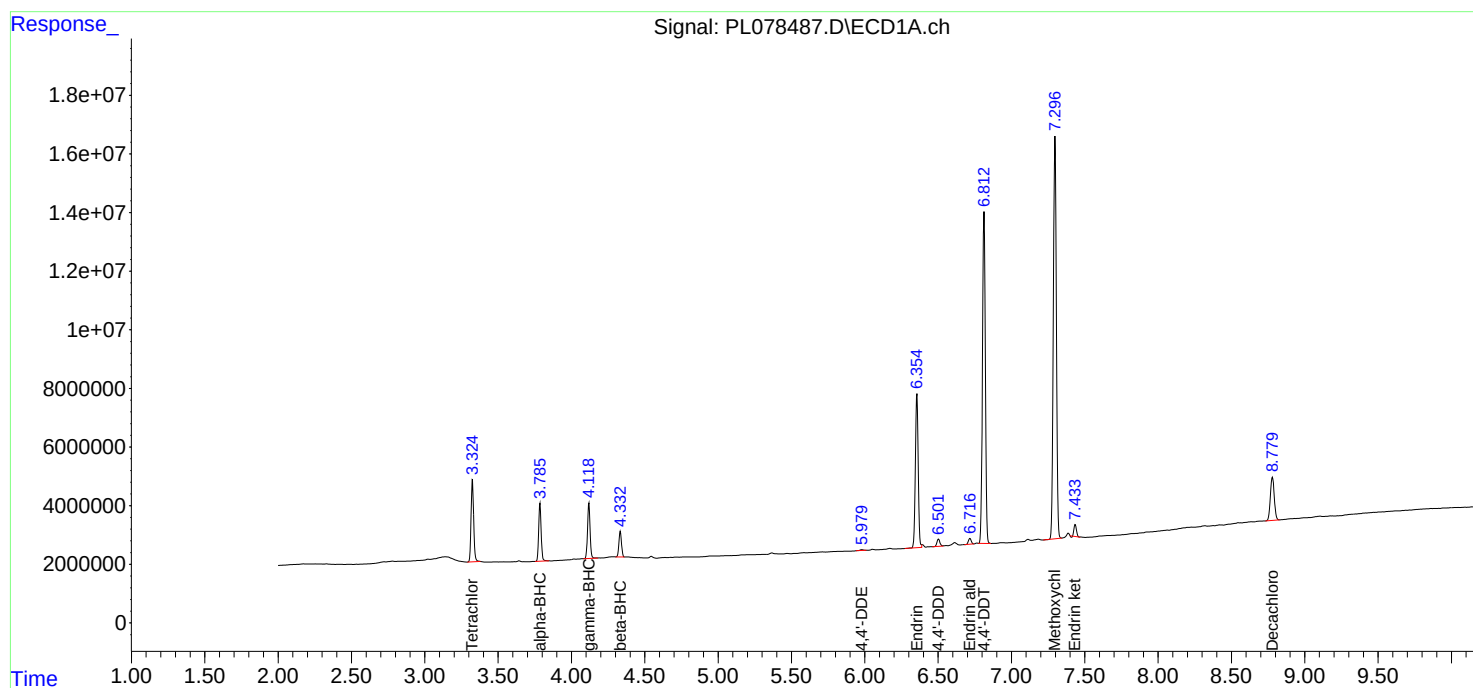
Instrument :
ECD_L
ClientSampleId :
PEM

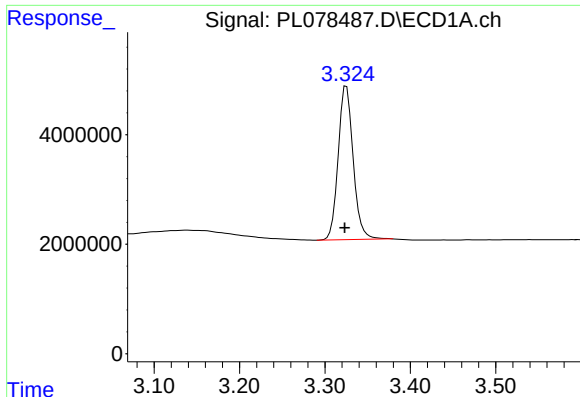
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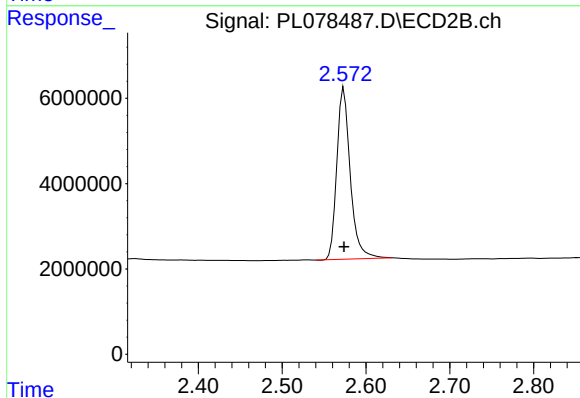
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 34289715
Conc: 17.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

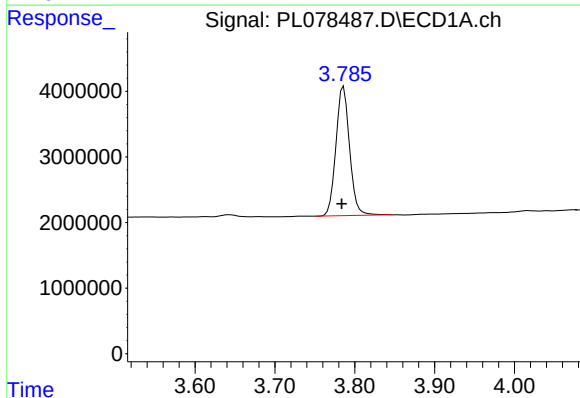
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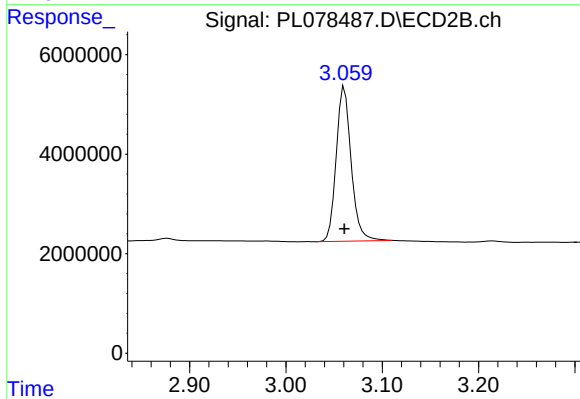
#1 Tetrachloro-m-xylene

R.T.: 2.574 min
Delta R.T.: 0.000 min
Response: 44939921
Conc: 17.60 ng/ml



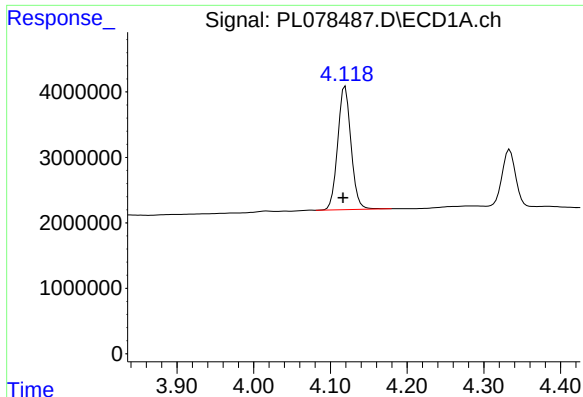
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: 0.002 min
Response: 23416097
Conc: 8.16 ng/ml



#2 alpha-BHC

R.T.: 3.061 min
Delta R.T.: 0.000 min
Response: 33613228
Conc: 8.51 ng/ml



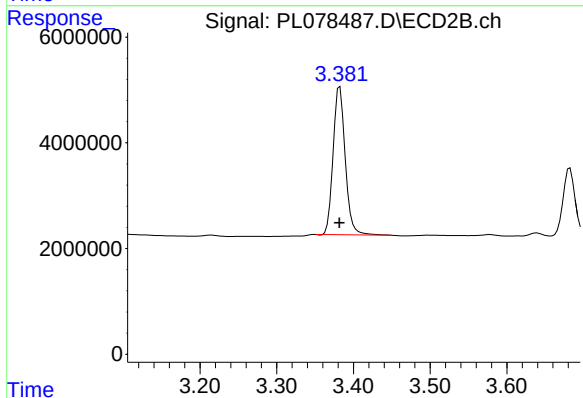
#3 gamma-BHC (Lindane)

R.T.: 4.119 min
Delta R.T.: 0.003 min
Response: 22764709
Conc: 8.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

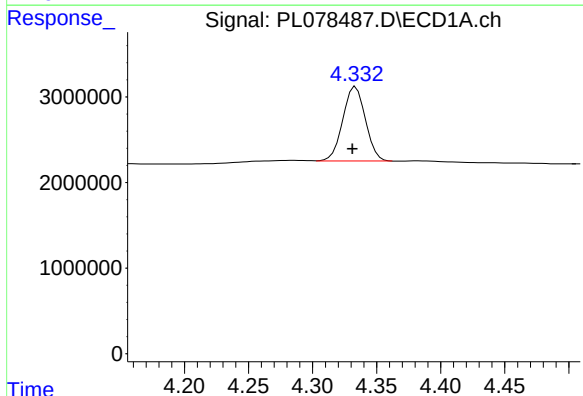
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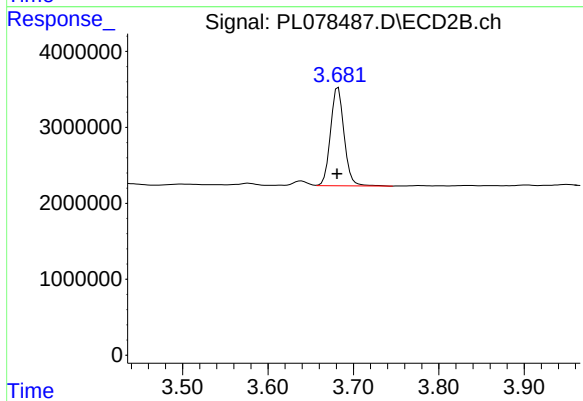
#3 gamma-BHC (Lindane)

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 30744520
Conc: 8.55 ng/ml



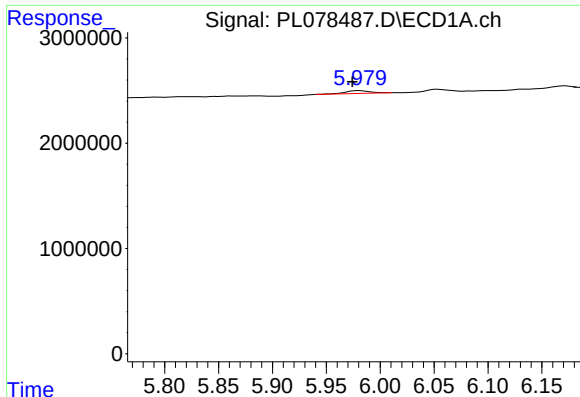
#6 beta-BHC

R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 10639933
Conc: 9.24 ng/ml



#6 beta-BHC

R.T.: 3.682 min
Delta R.T.: 0.001 min
Response: 14336723
Conc: 9.99 ng/ml



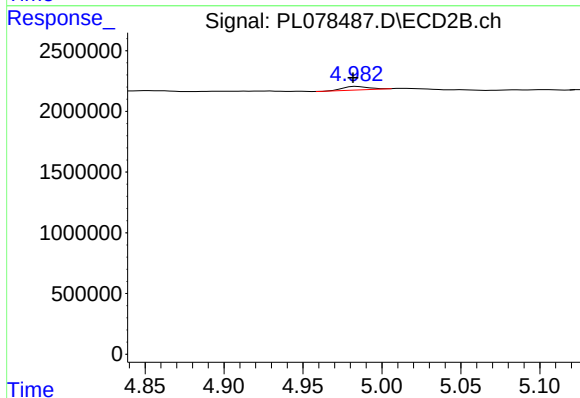
#12 4,4'-DDE

R.T.: 5.980 min
Delta R.T.: 0.006 min
Response: 471883
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

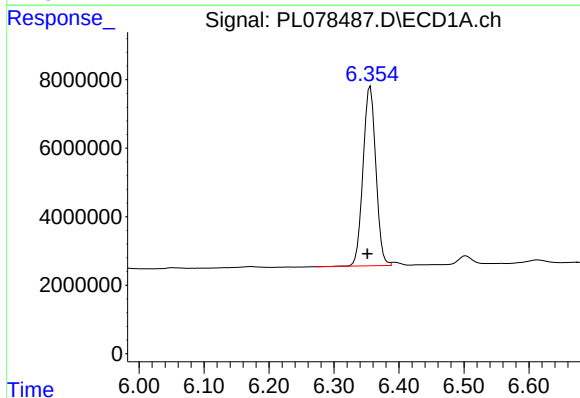
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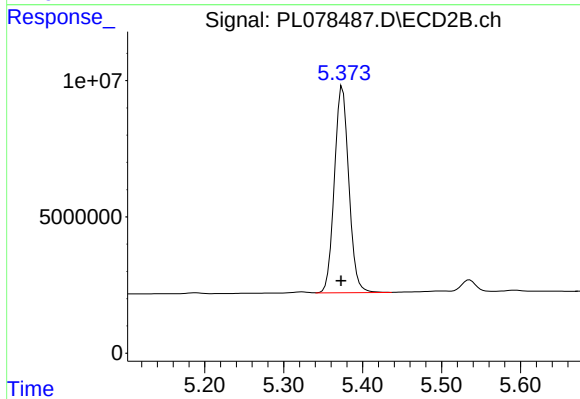
#12 4,4'-DDE

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 347815
Conc: 0.13 ng/ml m



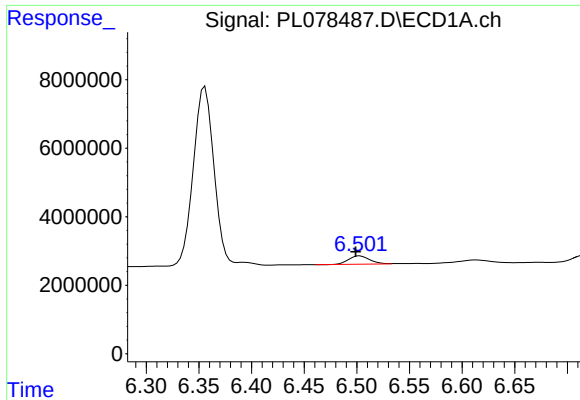
#14 Endrin

R.T.: 6.356 min
Delta R.T.: 0.004 min
Response: 71593396
Conc: 37.72 ng/ml



#14 Endrin

R.T.: 5.375 min
Delta R.T.: 0.002 min
Response: 96142402
Conc: 36.90 ng/ml



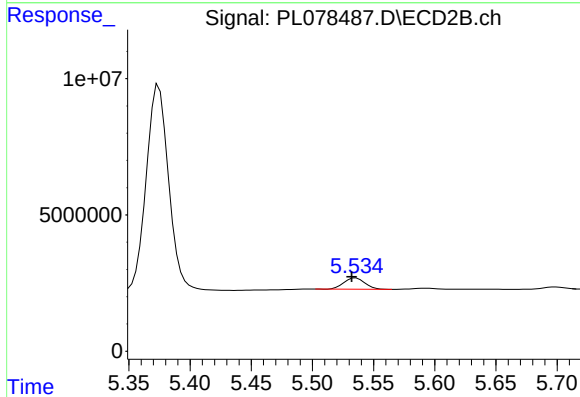
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.004 min
Response: 3413734
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

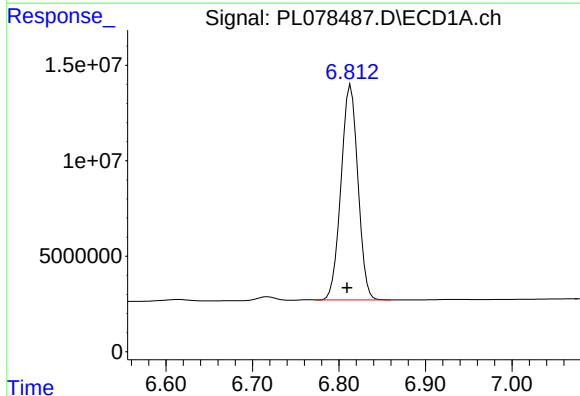
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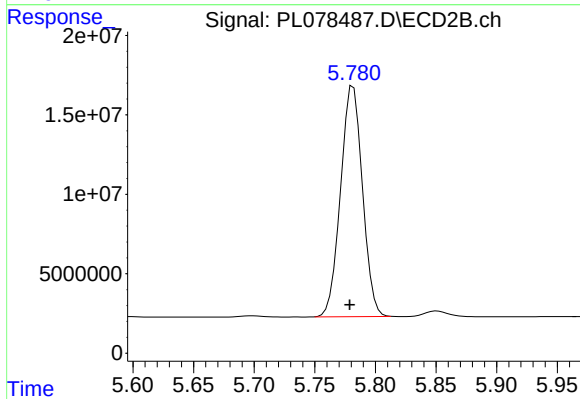
#16 4,4'-DDD

R.T.: 5.535 min
Delta R.T.: 0.003 min
Response: 4918188
Conc: 2.24 ng/ml



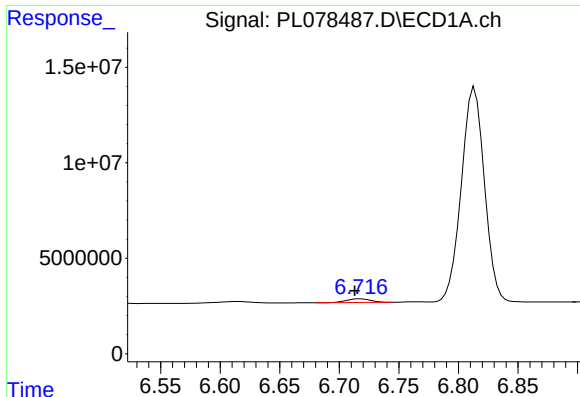
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: 0.004 min
Response: 151856294
Conc: 84.73 ng/ml



#17 4,4'-DDT

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 182316033
Conc: 84.05 ng/ml



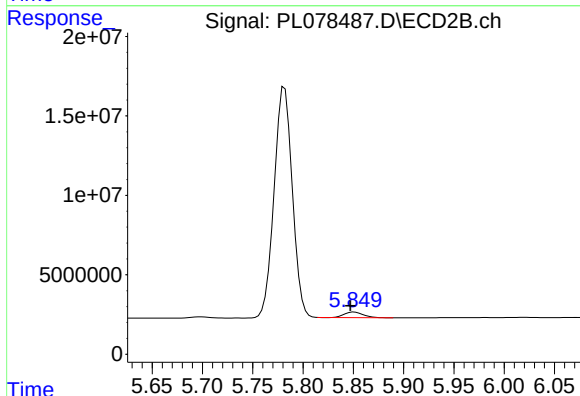
#18 Endrin aldehyde

R.T.: 6.717 min
Delta R.T.: 0.005 min
Response: 2733306
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

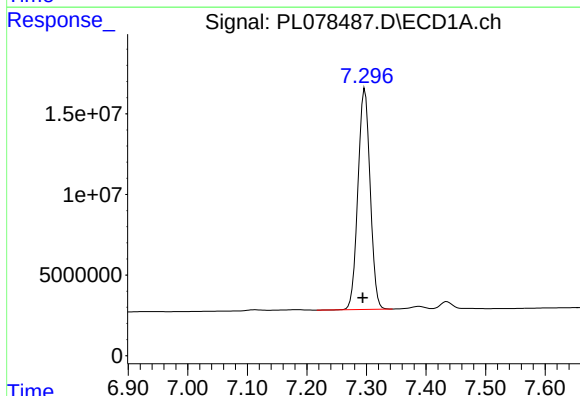
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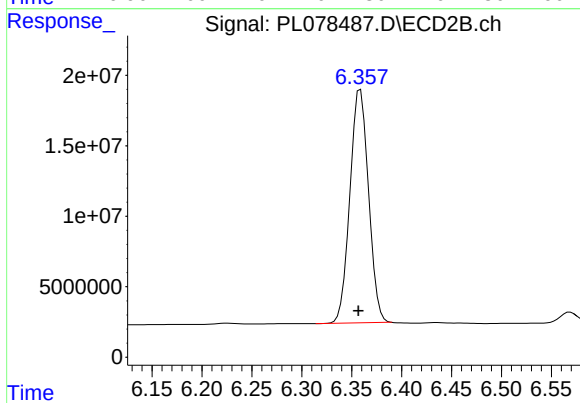
#18 Endrin aldehyde

R.T.: 5.851 min
Delta R.T.: 0.004 min
Response: 4561658
Conc: 2.43 ng/ml



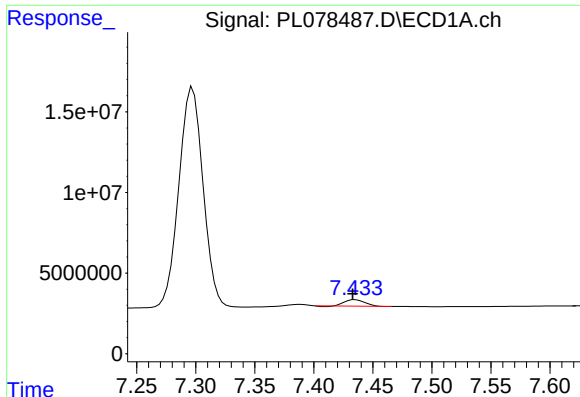
#20 Methoxychlor

R.T.: 7.297 min
Delta R.T.: 0.004 min
Response: 194813457
Conc: 211.55 ng/ml



#20 Methoxychlor

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 214926849
Conc: 189.40 ng/ml



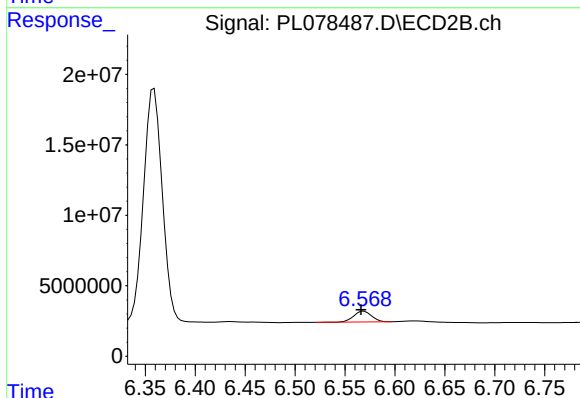
#21 Endrin ketone

R.T.: 7.435 min
Delta R.T.: 0.002 min
Response: 4751130
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

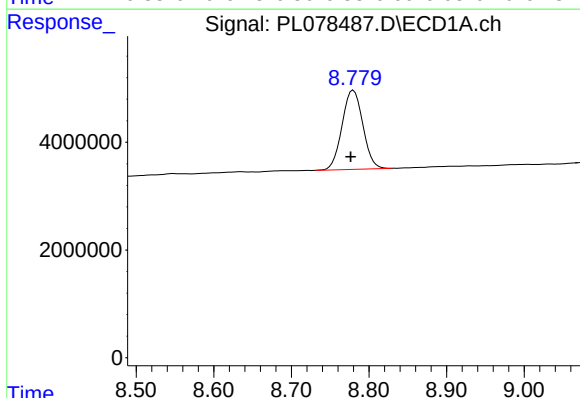
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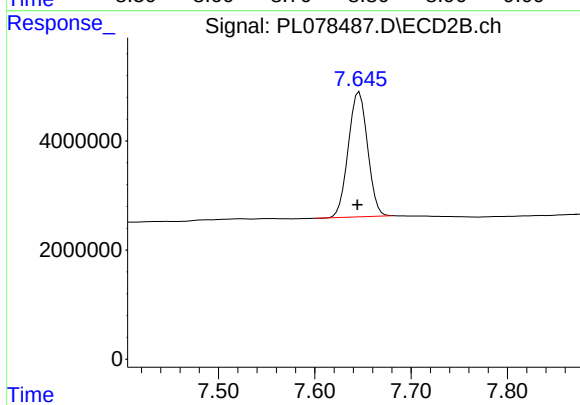
#21 Endrin ketone

R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 9683591
Conc: 3.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.003 min
Response: 27370077
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 31815058
Conc: 16.80 ng/ml