

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 09:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/08/2023
 Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:26:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.336	2.667	45802496	40432017	21.199	19.978
28)	SA Decachlor...	8.763	7.791	32228955	36667850	21.140	19.142
Target Compounds							
2)	A alpha-BHC	3.786	3.167	30798921	25969649	9.681	8.861
3)	MA gamma-BHC...	4.115	3.495	29804681	24762198	10.074	9.001
6)	B beta-BHC	4.317	3.795	15259785	12674539	11.086	10.920
12)	B 4,4'-DDE	5.969	5.113	275917	252787	0.141	0.129m
14)	MA Endrin	6.341	5.517	86634790	89420250	47.668	44.496
16)	A 4,4'-DDD	6.484	5.668	10899417	9811272	7.080	6.395
17)	MA 4,4'-DDT	6.796	5.918	152.2E6	158.6E6	95.870	98.864
18)	B Endrin al...	6.691	5.996	2243942	3085393	1.568m	2.037 #
20)	A Methoxychlor	7.276	6.498	207.4E6	222.2E6	240.760	239.394
21)	B Endrin ke...	7.405	6.723	6219512	6540457	3.429m	3.038

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

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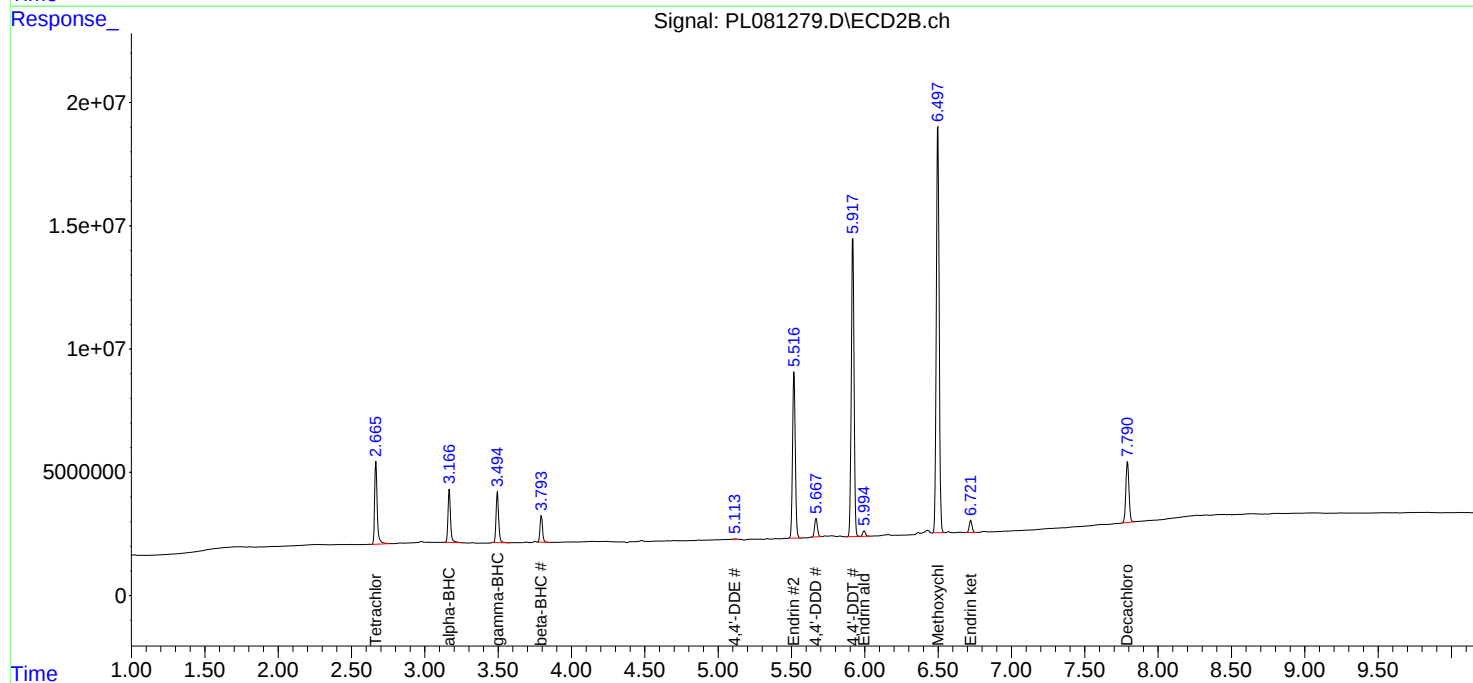
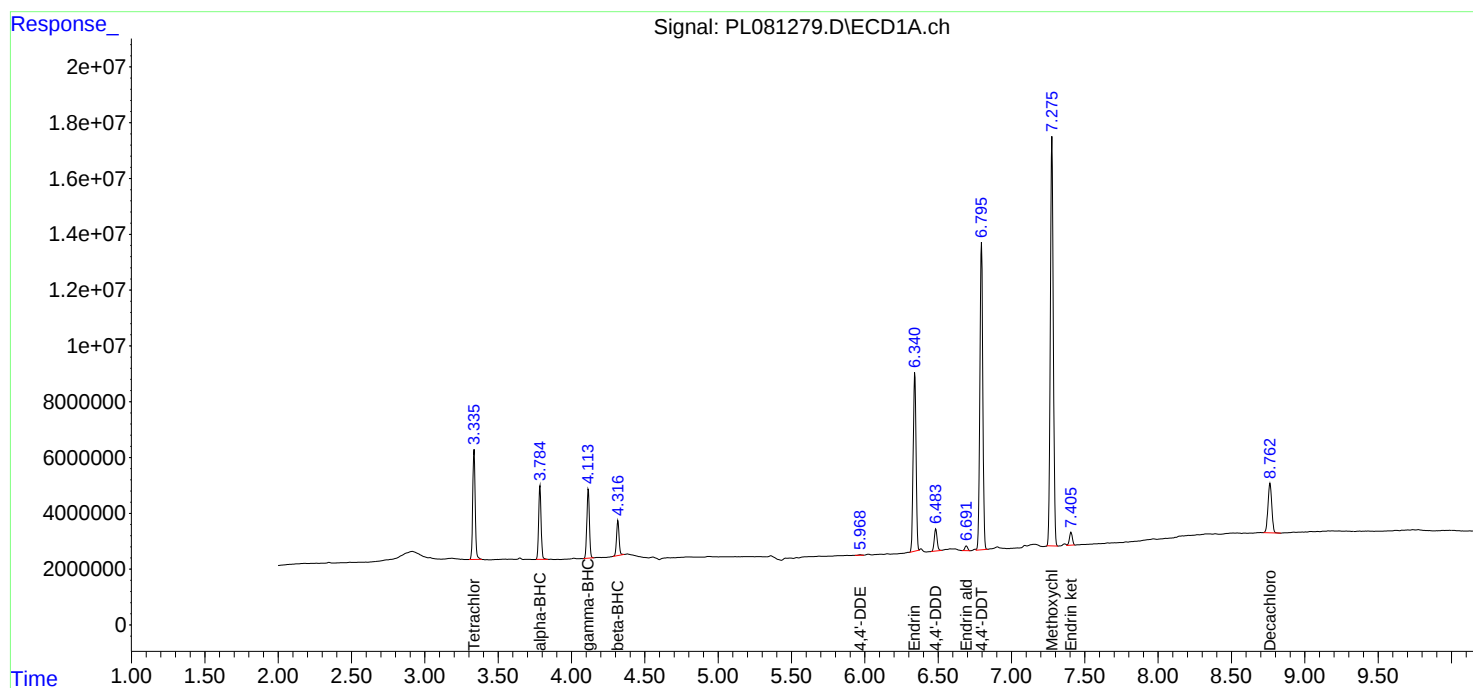
Instrument :
ECD_L
ClientSampleId :
PEM

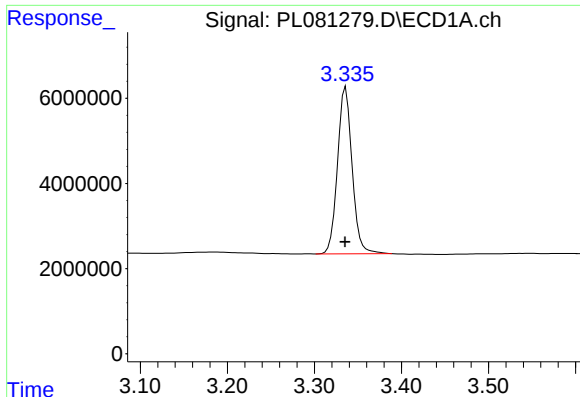
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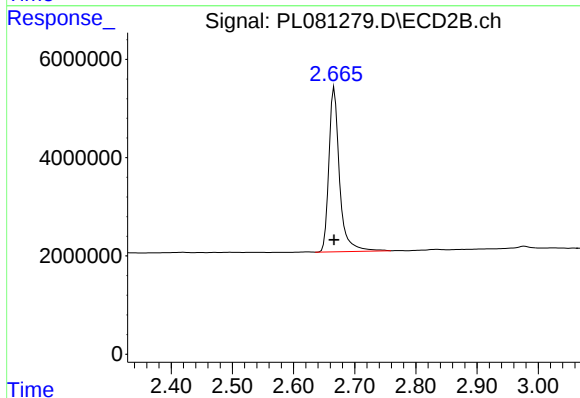
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.001 min
Response: 45802496
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

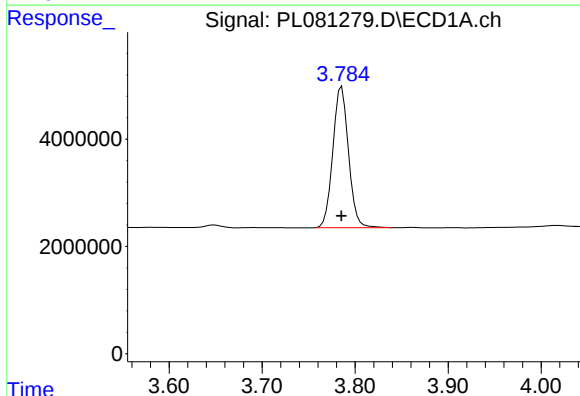
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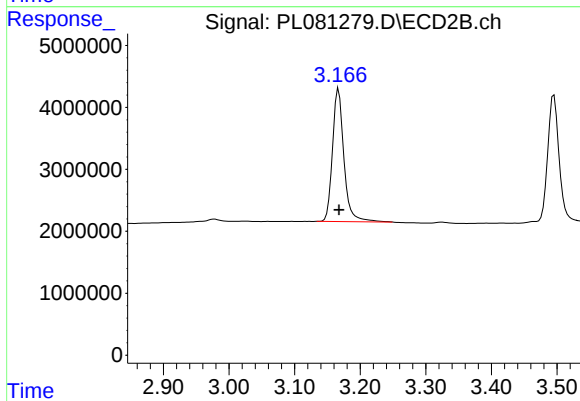
#1 Tetrachloro-m-xylene

R.T.: 2.667 min
Delta R.T.: 0.000 min
Response: 40432017
Conc: 19.98 ng/ml



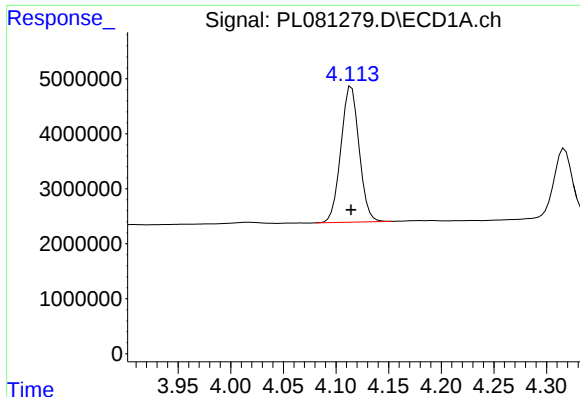
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 30798921
Conc: 9.68 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 25969649
Conc: 8.86 ng/ml



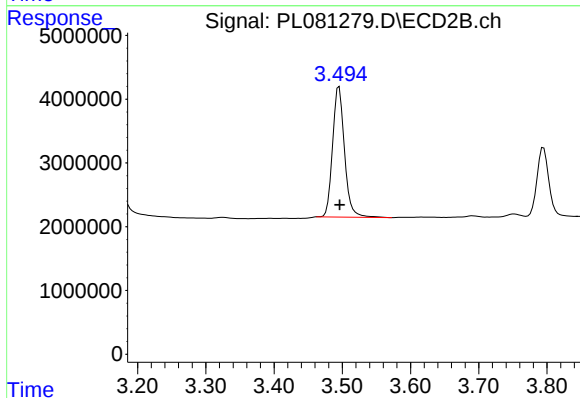
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 29804681
Conc: 10.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

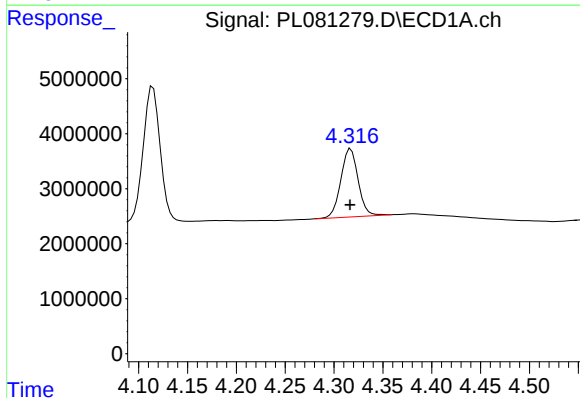
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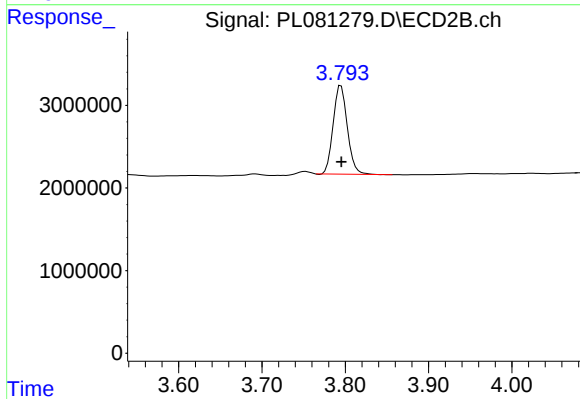
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.001 min
Response: 24762198
Conc: 9.00 ng/ml



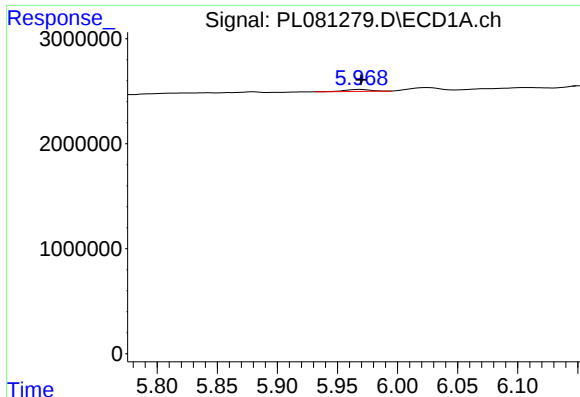
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 15259785
Conc: 11.09 ng/ml



#6 beta-BHC

R.T.: 3.795 min
Delta R.T.: 0.000 min
Response: 12674539
Conc: 10.92 ng/ml



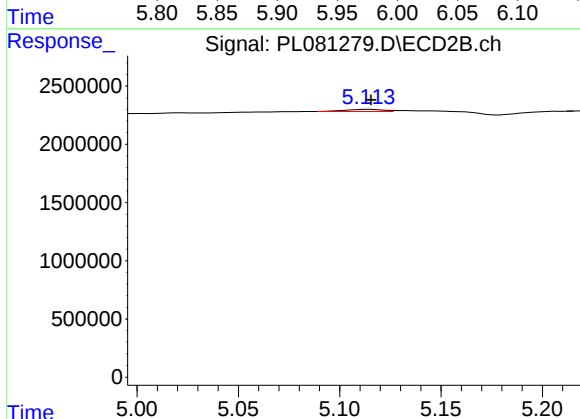
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 275917
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

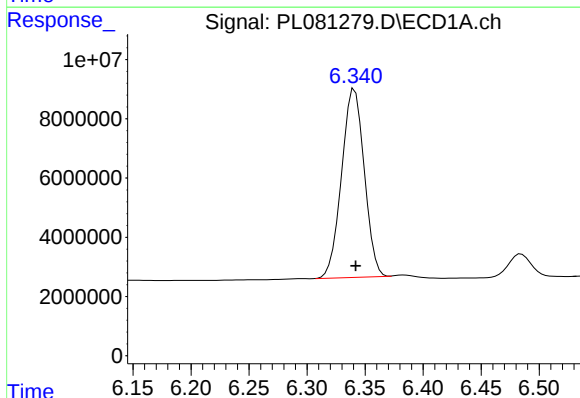
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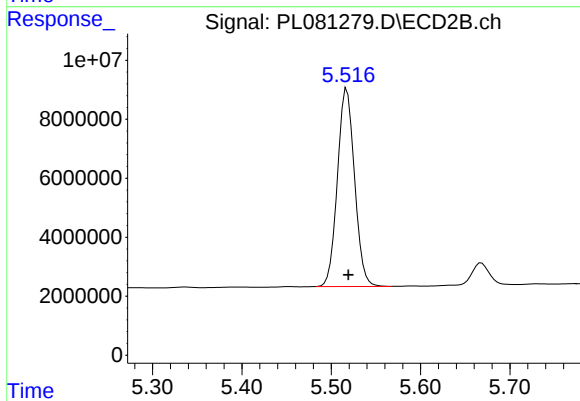
#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 252787
Conc: 0.13 ng/ml m



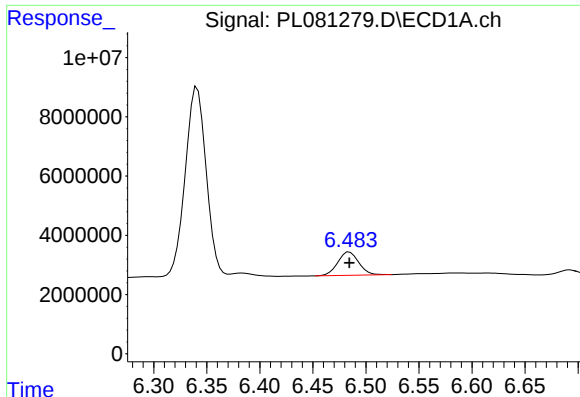
#14 Endrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 86634790
Conc: 47.67 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 89420250
Conc: 44.50 ng/ml



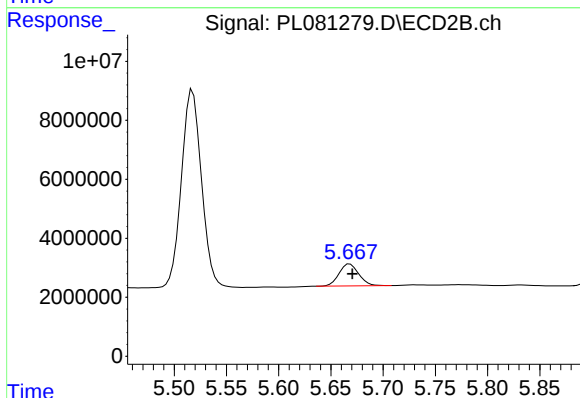
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 10899417
Conc: 7.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

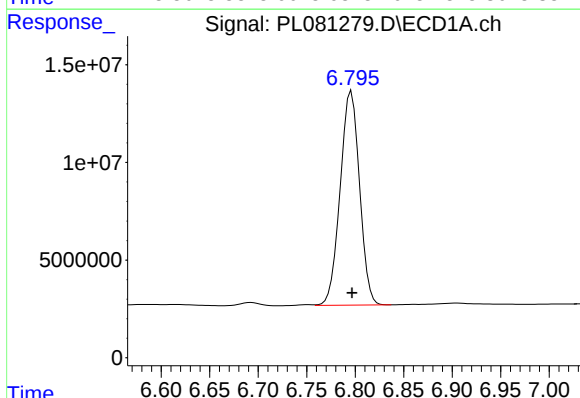
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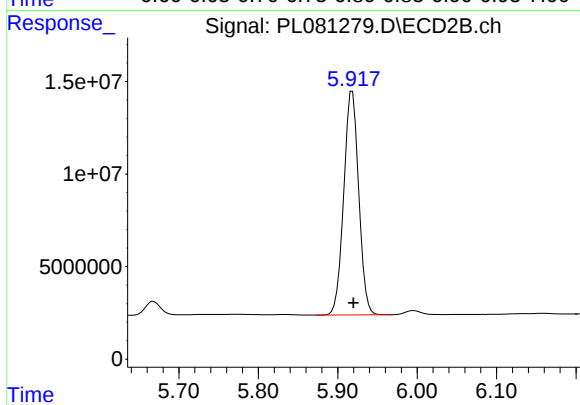
#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 9811272
Conc: 6.40 ng/ml



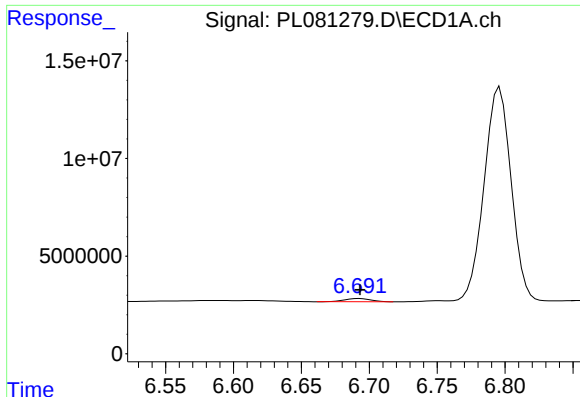
#17 4,4'-DDT

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 152175317
Conc: 95.87 ng/ml



#17 4,4'-DDT

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 158607866
Conc: 98.86 ng/ml



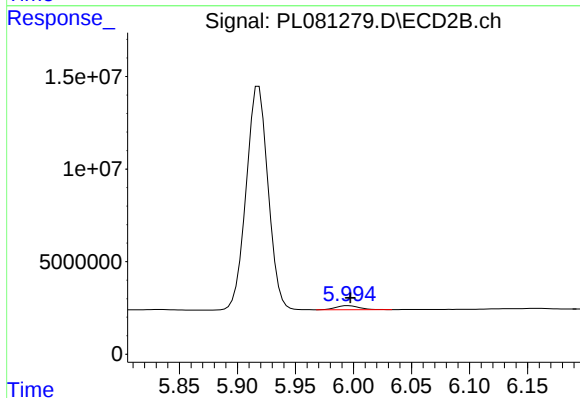
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 2243942
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

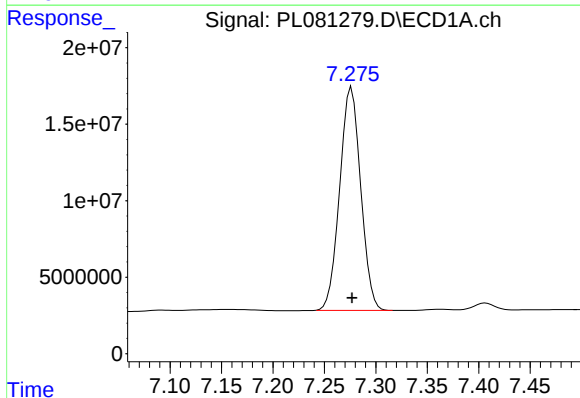
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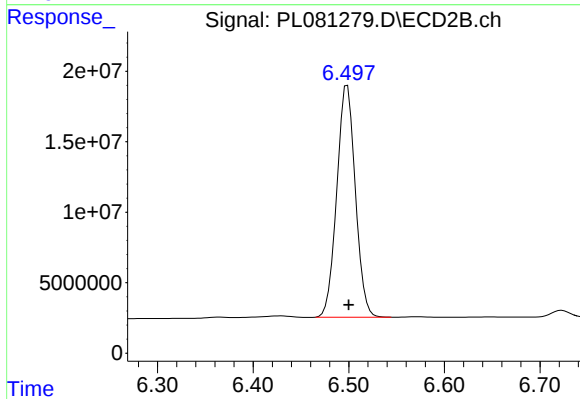
#18 Endrin aldehyde

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 3085393
Conc: 2.04 ng/ml



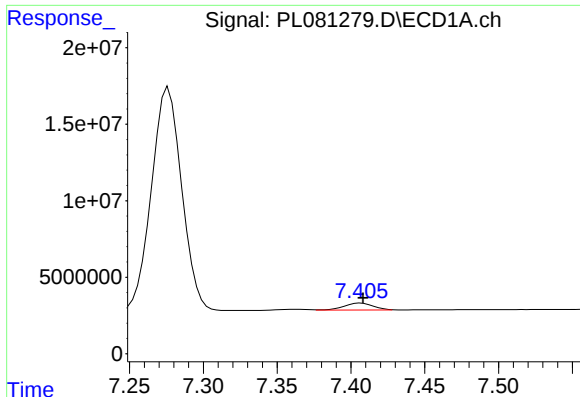
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 207381854
Conc: 240.76 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 222180000
Conc: 239.39 ng/ml



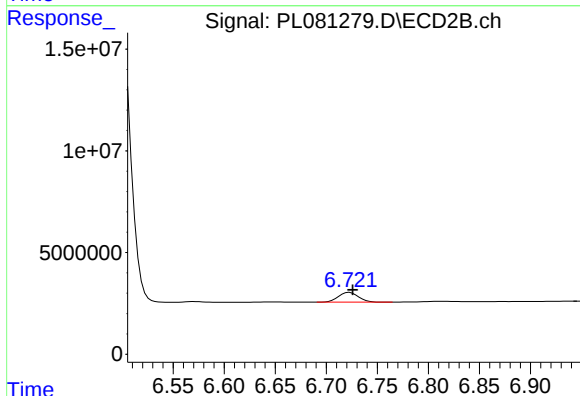
#21 Endrin ketone

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 6219512
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

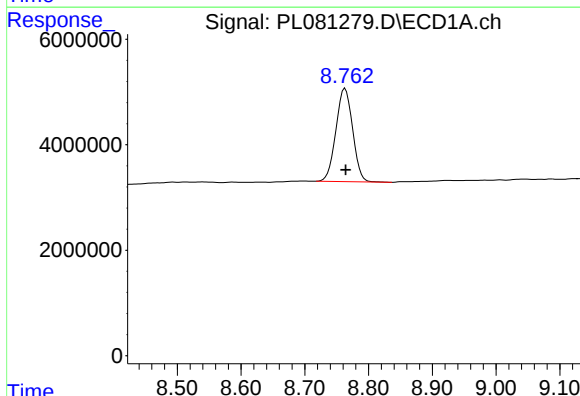
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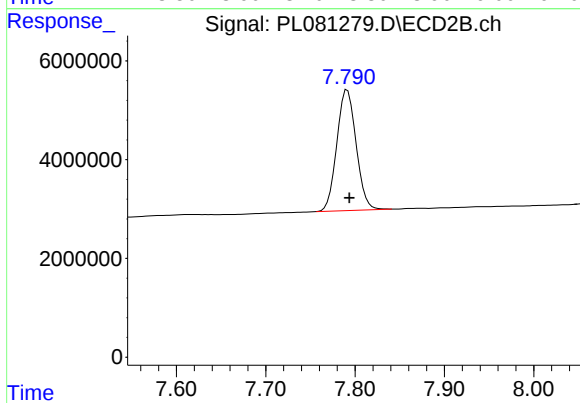
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 6540457
Conc: 3.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.001 min
Response: 32228955
Conc: 21.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 36667850
Conc: 19.14 ng/ml