

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102522\
 Data File : PL078514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 09:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2022
 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:42:56 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-MR1 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...	3.326	2.571	34963527	49680502	18.334	19.458
28)	SA Decachlor...	8.777	7.642	29573269	37696558	19.658	19.902
Target Compounds							
2)	A alpha-BHC	3.785	3.058	25241551	37589302	8.791m	9.519
3)	MA gamma-BHC...	4.120	3.379	23101153	34973156	8.647	9.730
6)	B beta-BHC	4.335	3.679	10859133	16422475	9.427	11.445
12)	B 4,4'-DDE	5.977	4.982	481650	596651	0.241	0.219
14)	MA Endrin	6.354	5.371	79020350	110.6E6	41.637	42.452
16)	A 4,4'-DDD	6.502	5.532	5126301	7273785	3.075	3.312
17)	MA 4,4'-DDT	6.812	5.778	165.4E6	203.9E6	92.257	94.004
18)	B Endrin al...	6.716	5.847	2977339	3681631	2.046	1.962
20)	A Methoxychlor	7.296	6.356	212.3E6	241.6E6	230.539	212.933
21)	B Endrin ke...	7.434	6.565	5817135	11833716	3.092	4.578 #

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

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ALS Vial : 3 Sample Multiplier: 1

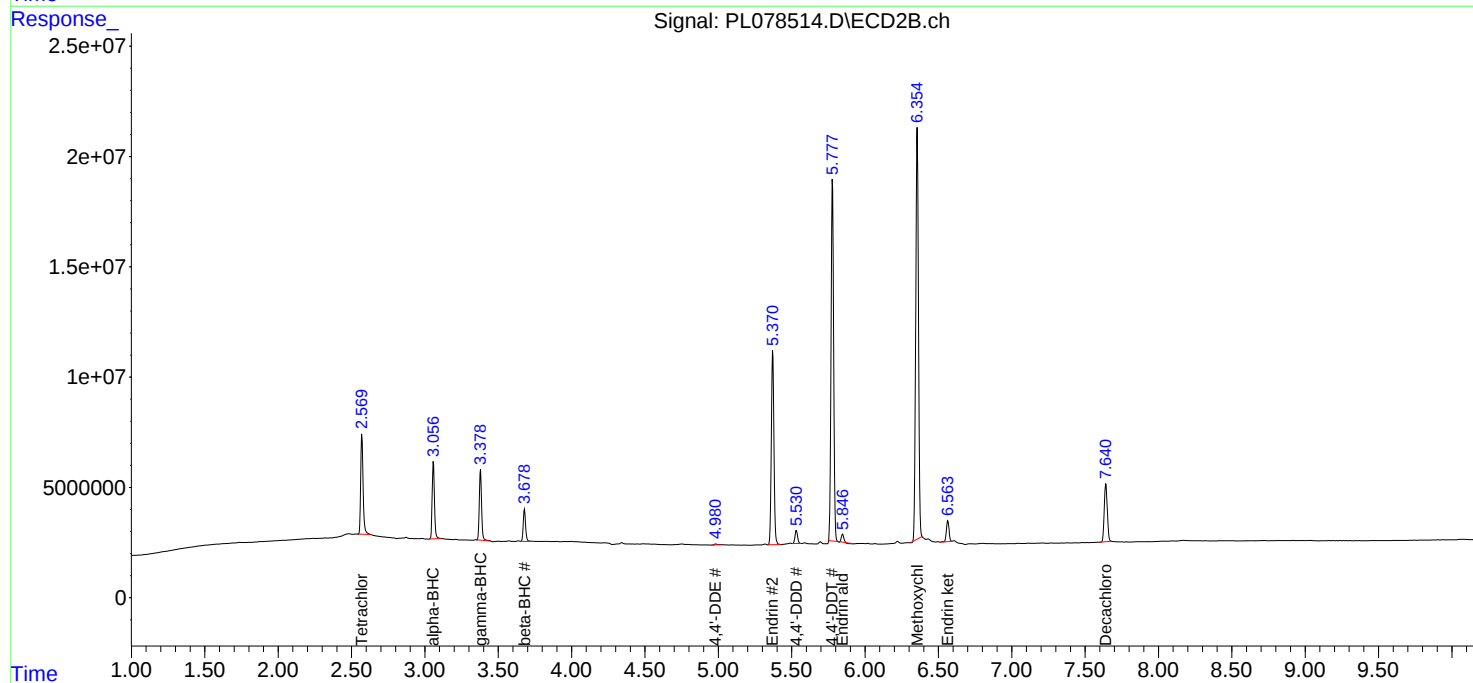
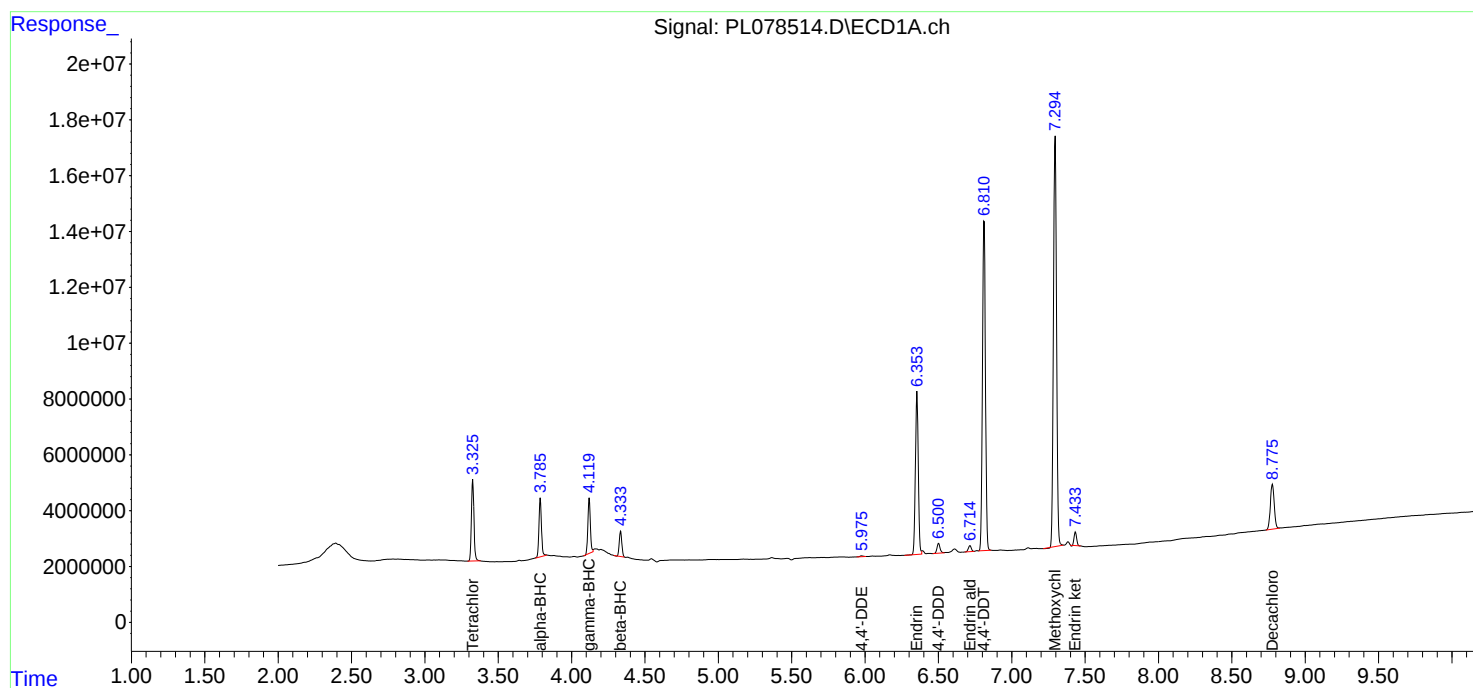
Instrument :
ECD_L
ClientSampleId :
PEM

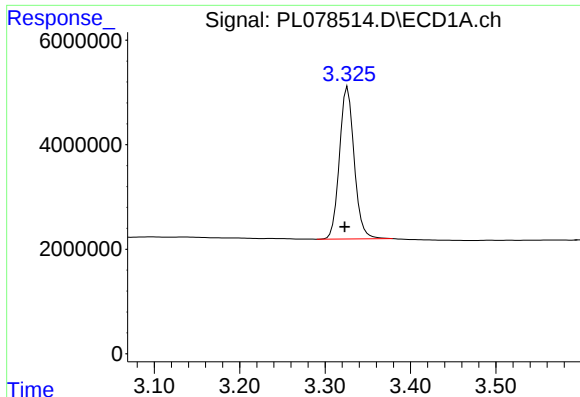
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





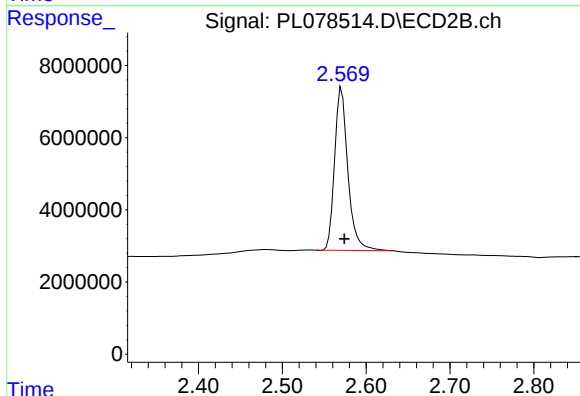
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 34963527
Conc: 18.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

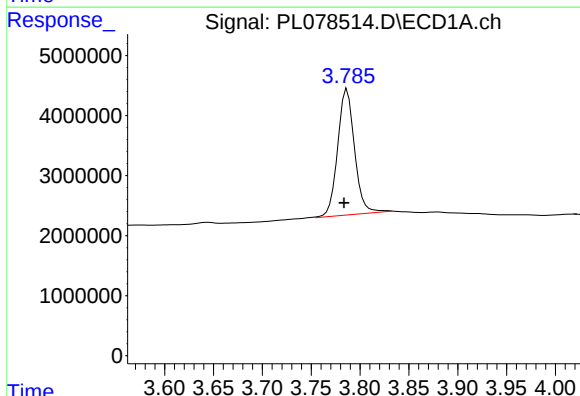
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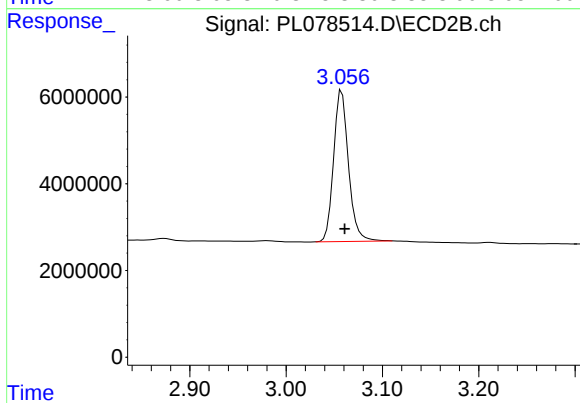
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 49680502
Conc: 19.46 ng/ml



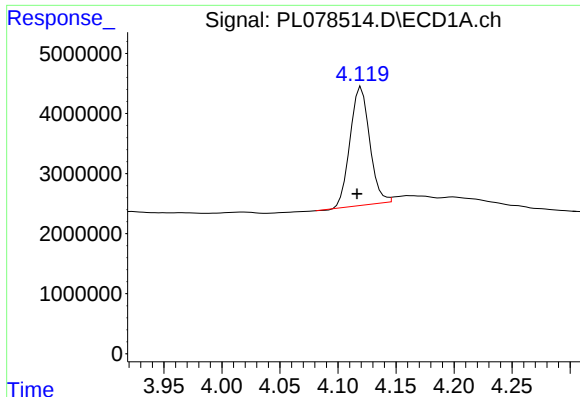
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.002 min
Response: 25241551
Conc: 8.79 ng/ml m



#2 alpha-BHC

R.T.: 3.058 min
Delta R.T.: -0.003 min
Response: 37589302
Conc: 9.52 ng/ml



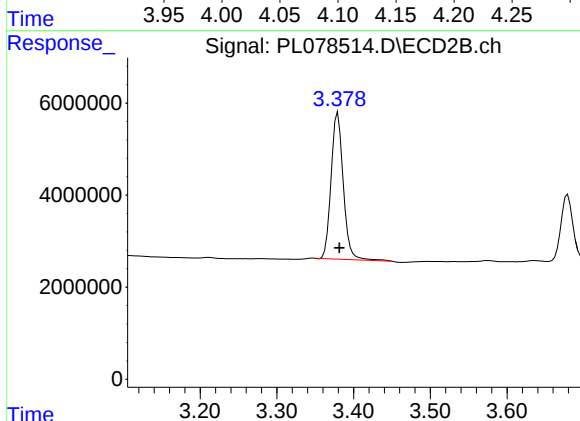
#3 gamma-BHC (Lindane)

R.T.: 4.120 min
Delta R.T.: 0.004 min
Response: 23101153
Conc: 8.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

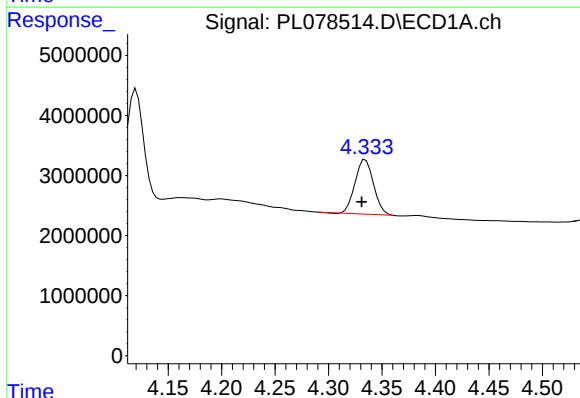
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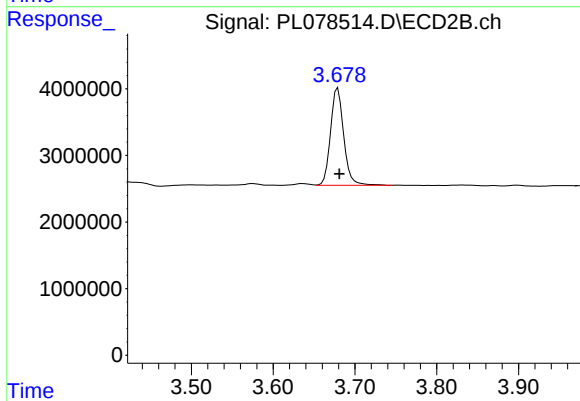
#3 gamma-BHC (Lindane)

R.T.: 3.379 min
Delta R.T.: -0.002 min
Response: 34973156
Conc: 9.73 ng/ml



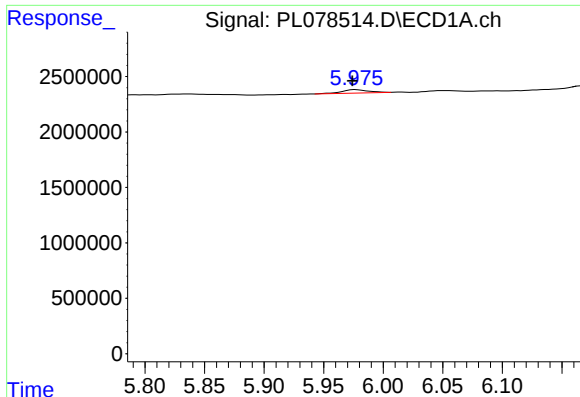
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.004 min
Response: 10859133
Conc: 9.43 ng/ml



#6 beta-BHC

R.T.: 3.679 min
Delta R.T.: -0.002 min
Response: 16422475
Conc: 11.45 ng/ml



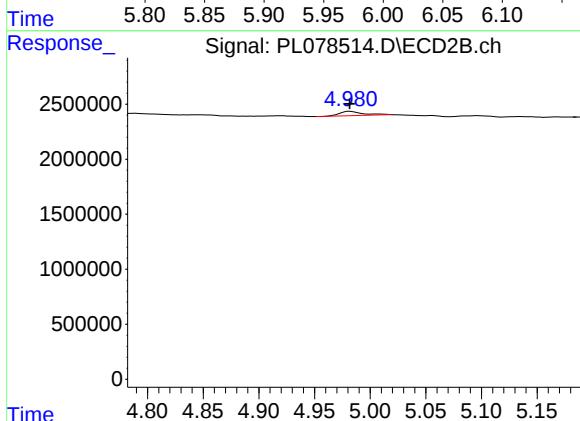
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 481650
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

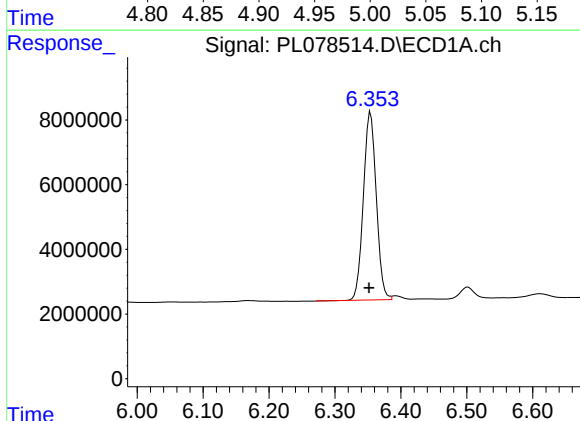
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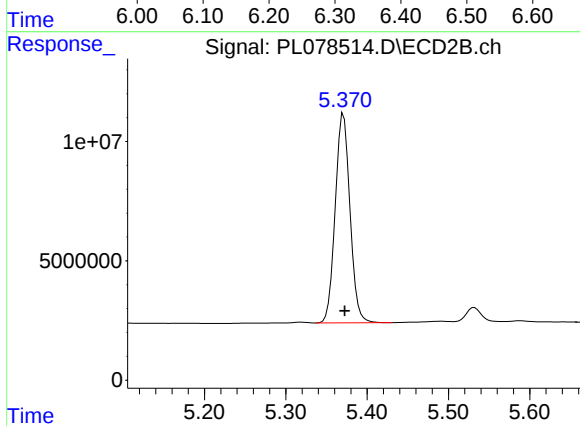
#12 4,4'-DDE

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 596651
Conc: 0.22 ng/ml



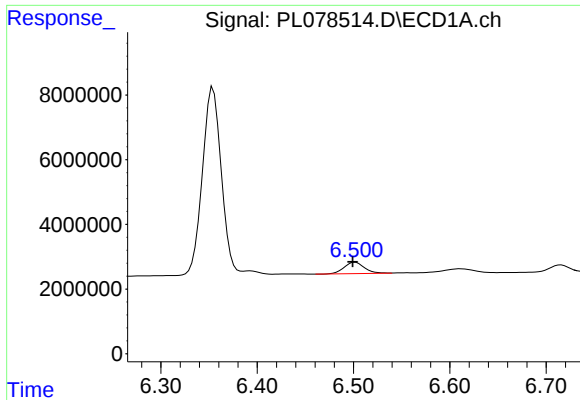
#14 Endrin

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 79020350
Conc: 41.64 ng/ml



#14 Endrin

R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 110599109
Conc: 42.45 ng/ml



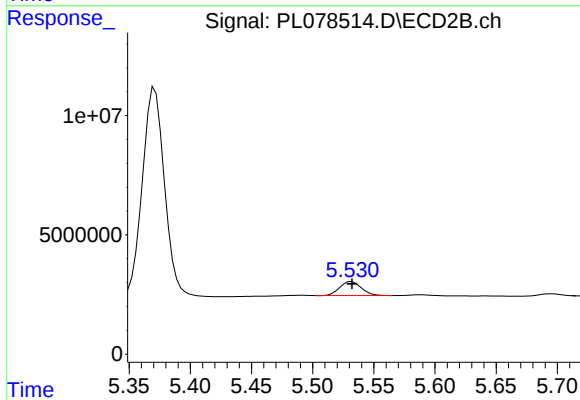
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 5126301
Conc: 3.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

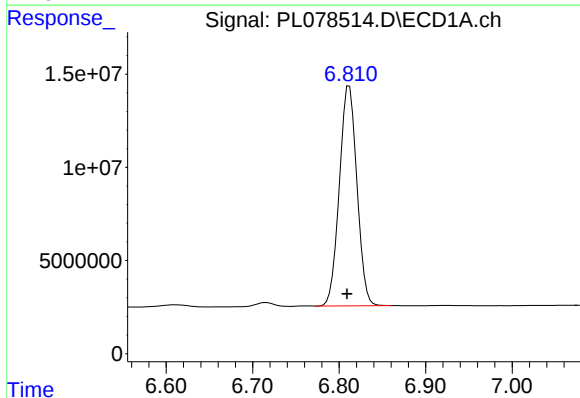
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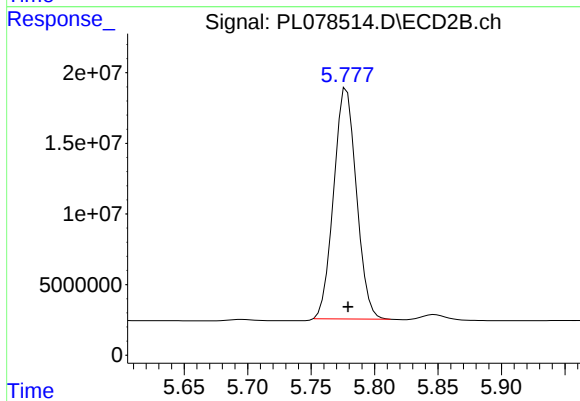
#16 4,4'-DDD

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 7273785
Conc: 3.31 ng/ml



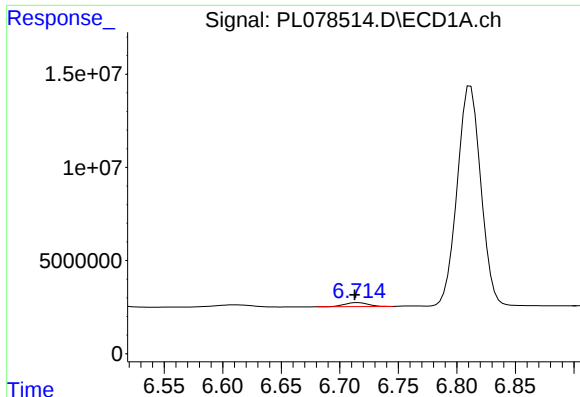
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 165353787
Conc: 92.26 ng/ml



#17 4,4'-DDT

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 203907243
Conc: 94.00 ng/ml



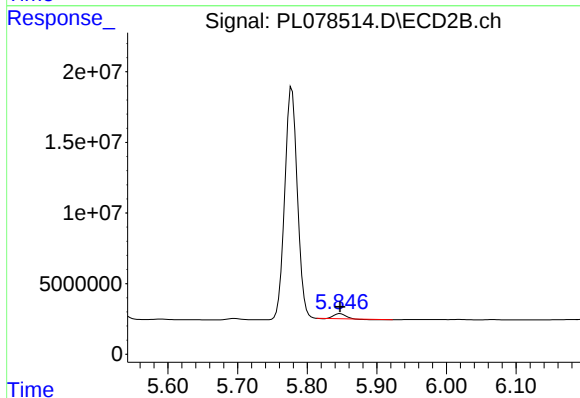
#18 Endrin aldehyde

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 2977339
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

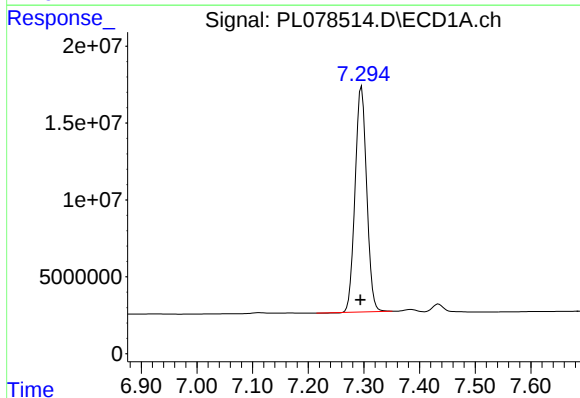
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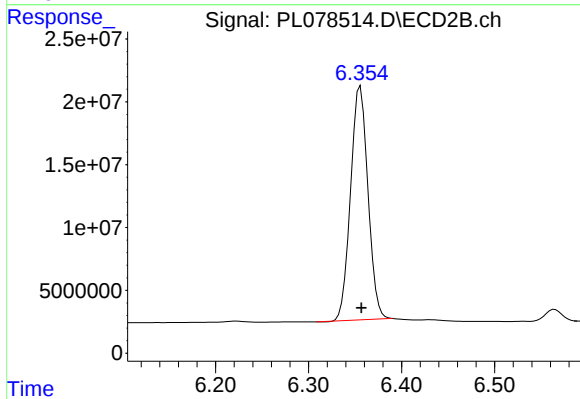
#18 Endrin aldehyde

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 3681631
Conc: 1.96 ng/ml



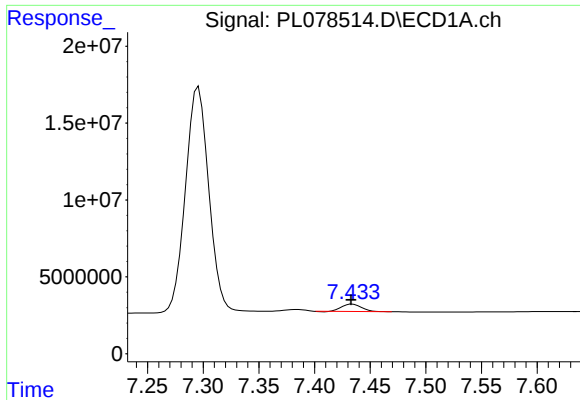
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 212300816
Conc: 230.54 ng/ml



#20 Methoxychlor

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 241636163
Conc: 212.93 ng/ml



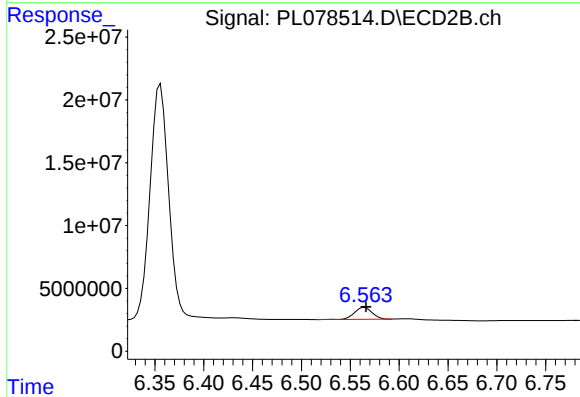
#21 Endrin ketone

R.T.: 7.434 min
Delta R.T.: 0.001 min
Response: 5817135
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

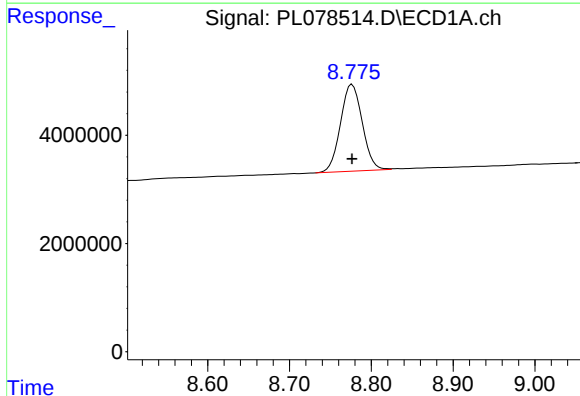
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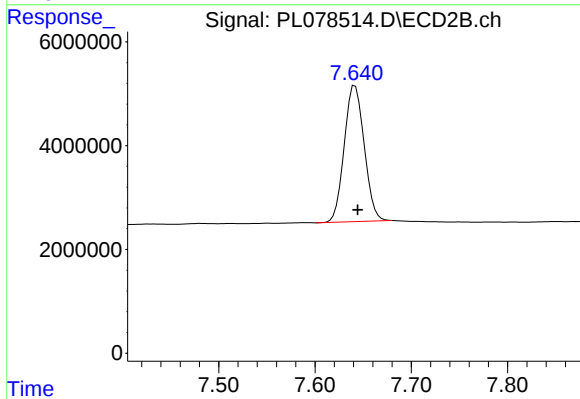
#21 Endrin ketone

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 11833716
Conc: 4.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 29573269
Conc: 19.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 37696558
Conc: 19.90 ng/ml