

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 08:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 12:55:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.322	2.643	51826932	43155407	19.402	18.628
28)	SA Decachlor...	8.743	7.755	38399898	41812342	20.114	18.319
Target Compounds							
2)	A alpha-BHC	3.771	3.140	35442339	28000417	8.905	8.227
3)	MA gamma-BHC...	4.099	3.468	35377939	26780379	9.462	8.329
6)	B beta-BHC	4.303	3.768	17018920	13950434	9.979	10.225
12)	B 4,4'-DDE	5.951	5.080	545661	411063	0.215	0.179m
14)	MA Endrin	6.324	5.483	105.4E6	98312475	43.474	40.194
16)	A 4,4'-DDD	6.468	5.633	4455055	3663997	2.198	1.959m
17)	MA 4,4'-DDT	6.779	5.883	207.5E6	198.0E6	90.715	93.702
18)	B Endrin al...	6.675	5.960	3452997	4007362	1.833m	2.141m
20)	A Methoxychlor	7.260	6.461	273.5E6	261.4E6	224.151	215.714m
21)	B Endrin ke...	7.388	6.686	6478145	7210031	2.706m	2.841m

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

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Acq On : 08 May 2023 08:26
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

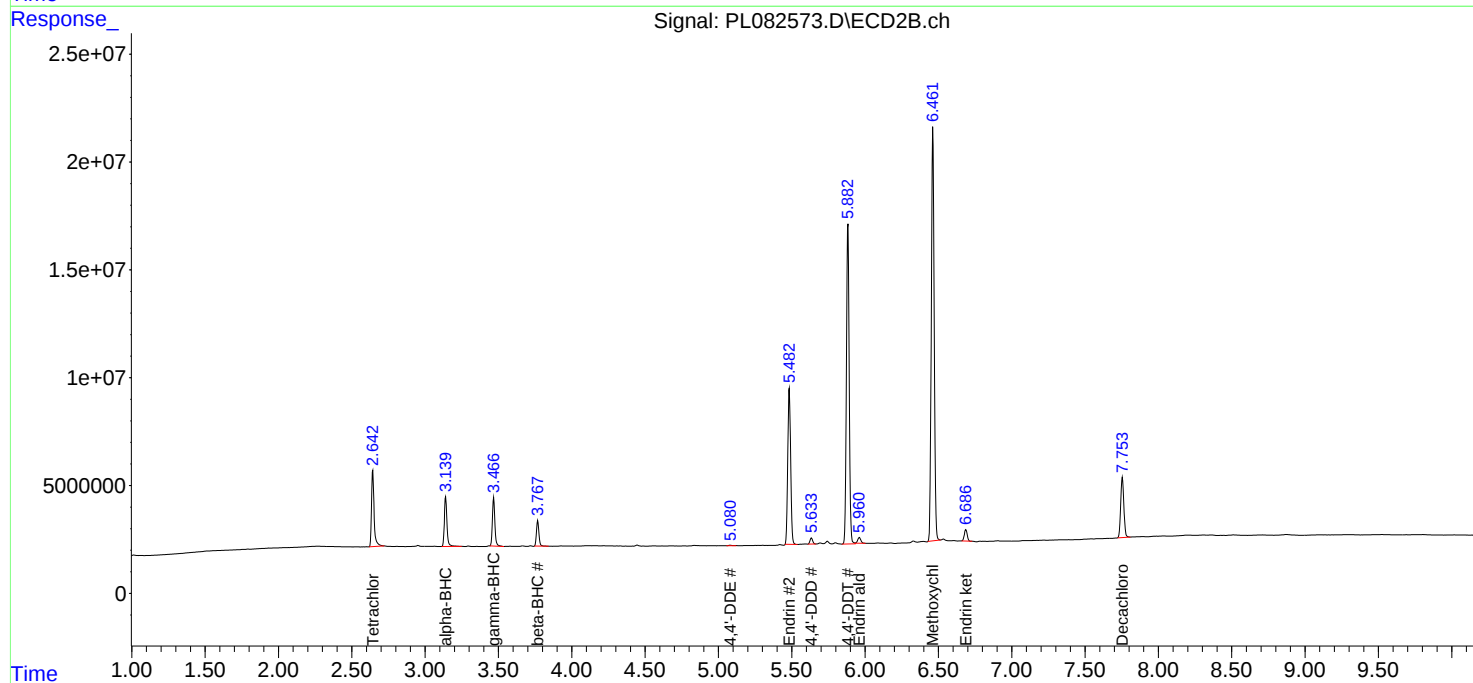
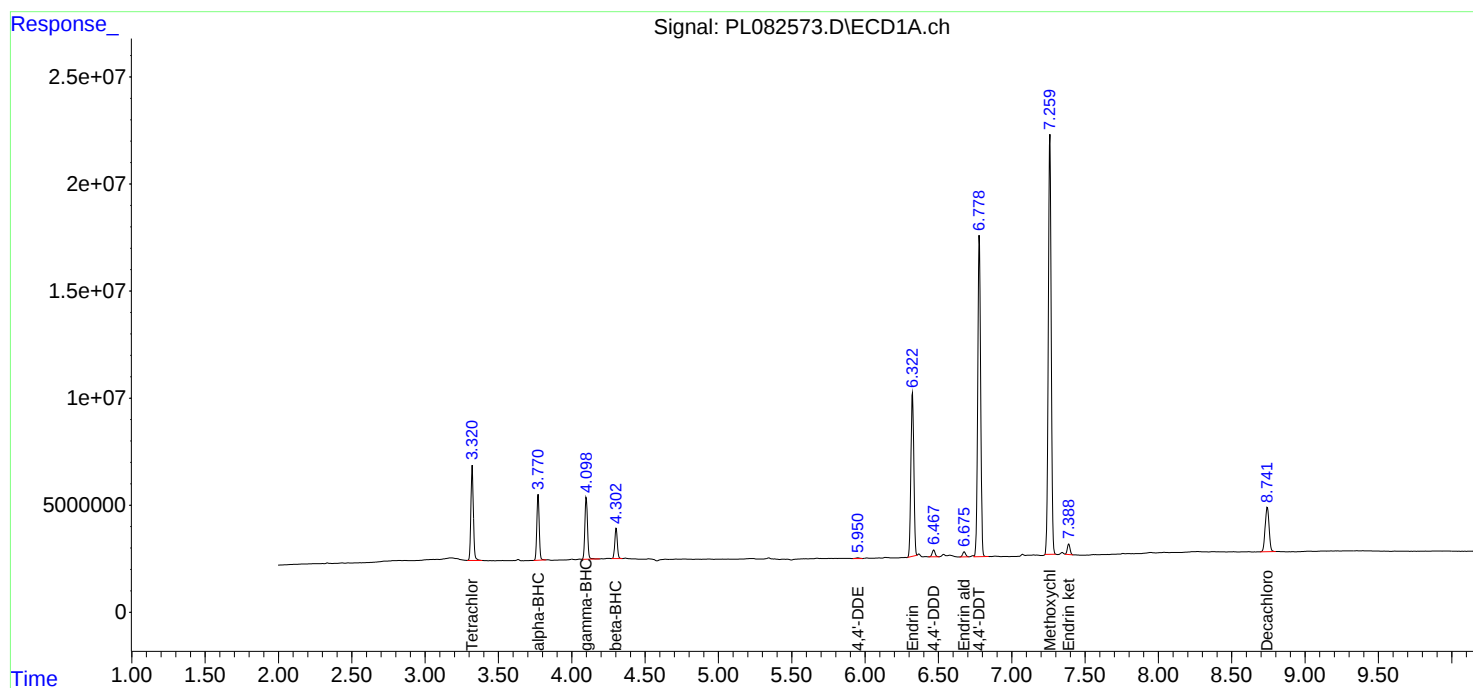
Instrument :
ECD_L
ClientSampleId :
PEM

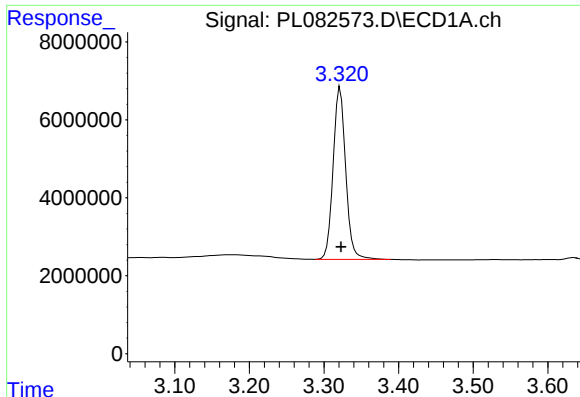
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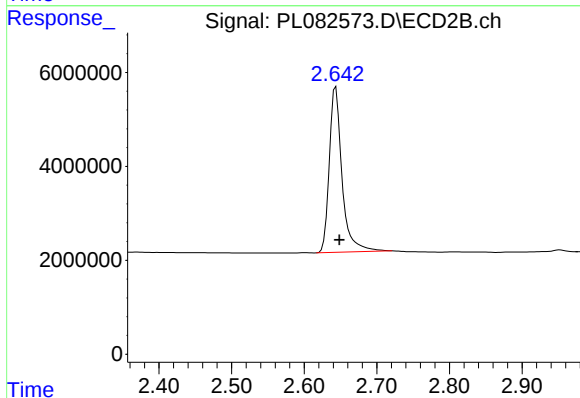
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 51826932
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

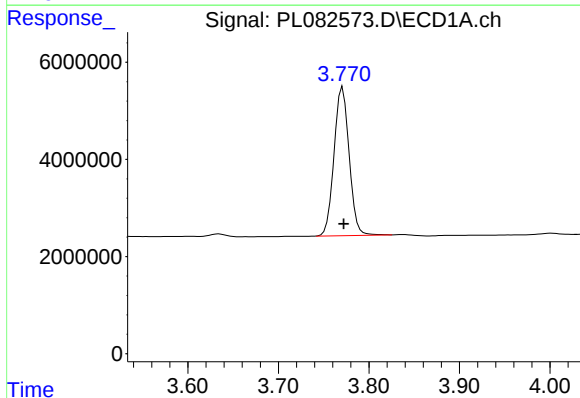
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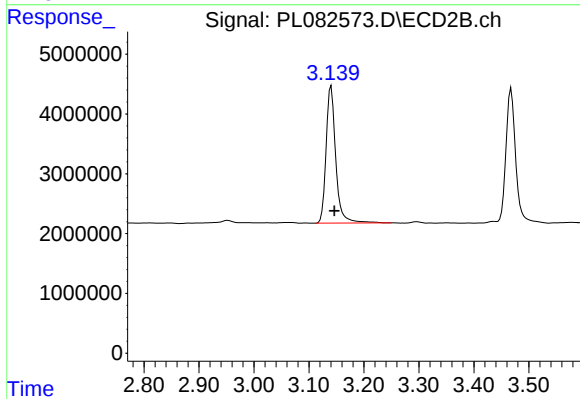
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 43155407
Conc: 18.63 ng/ml



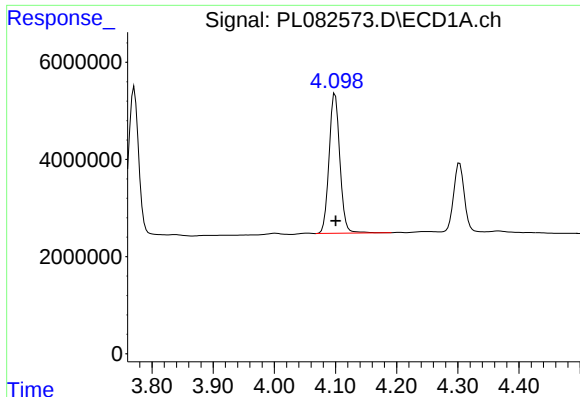
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 35442339
Conc: 8.90 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 28000417
Conc: 8.23 ng/ml



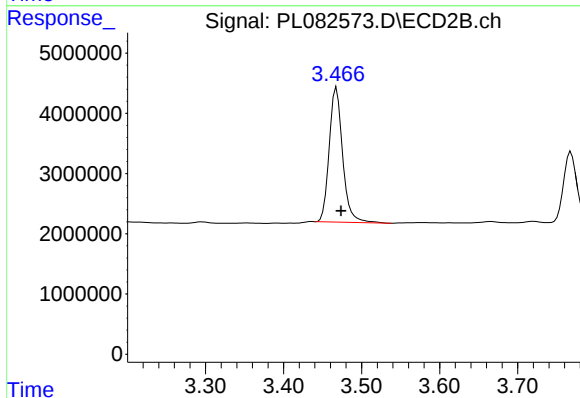
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 35377939
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

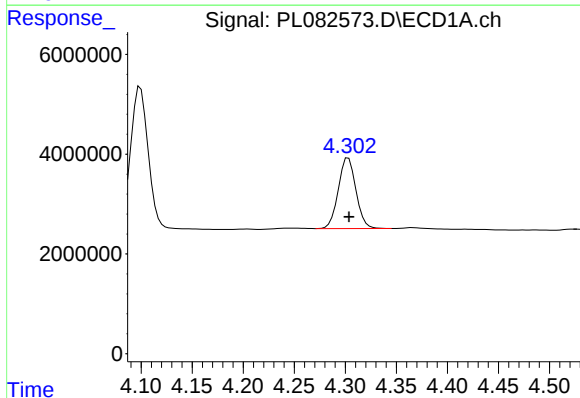
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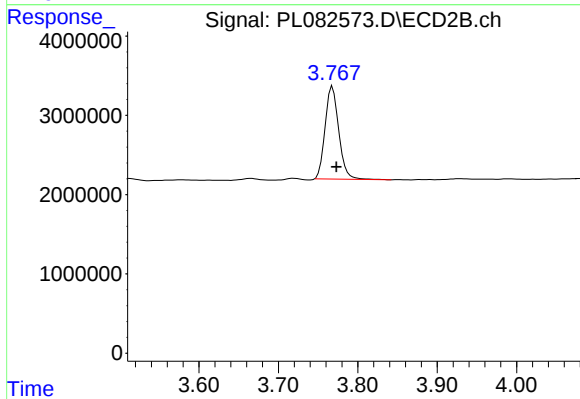
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 26780379
Conc: 8.33 ng/ml



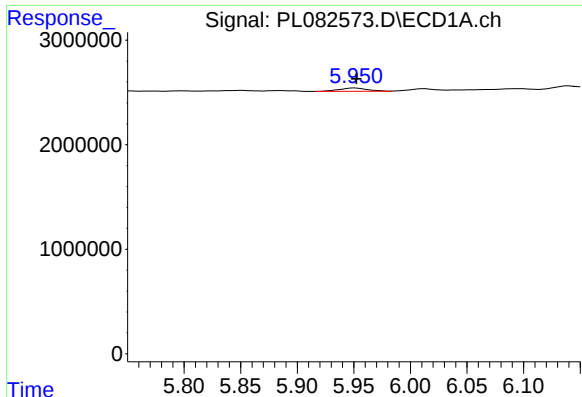
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 17018920
Conc: 9.98 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 13950434
Conc: 10.22 ng/ml



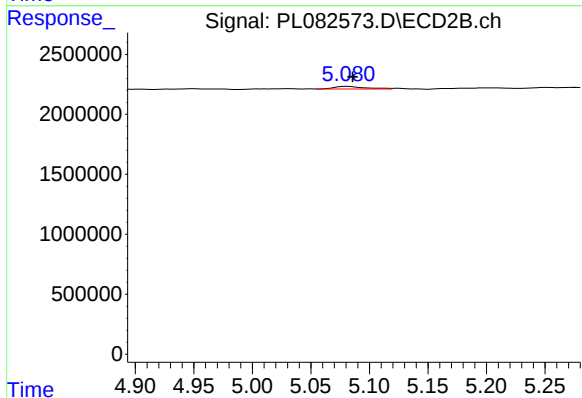
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 545661
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

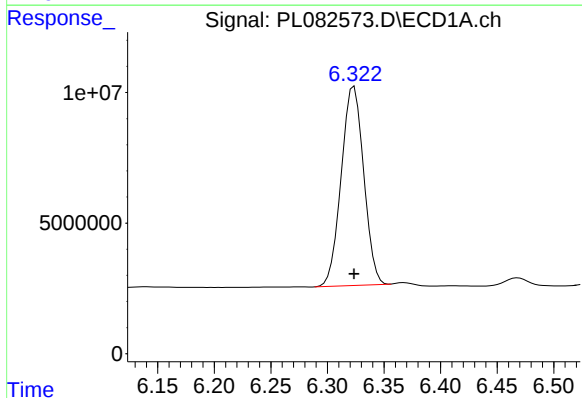
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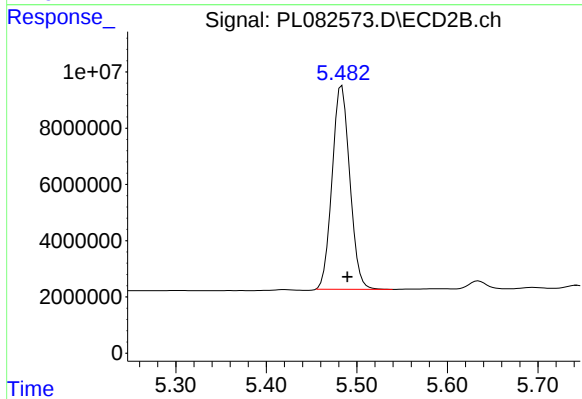
#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 411063
Conc: 0.18 ng/ml m



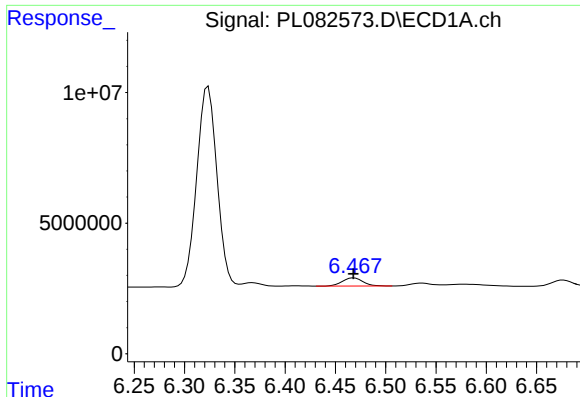
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 105406036
Conc: 43.47 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 98312475
Conc: 40.19 ng/ml



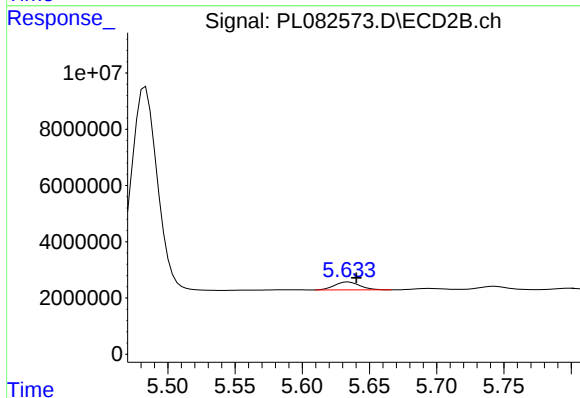
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 4455055
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

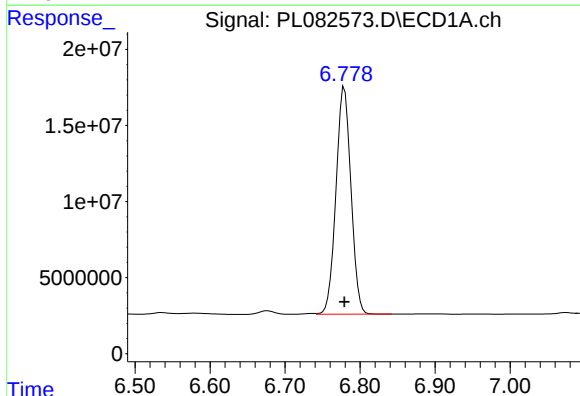
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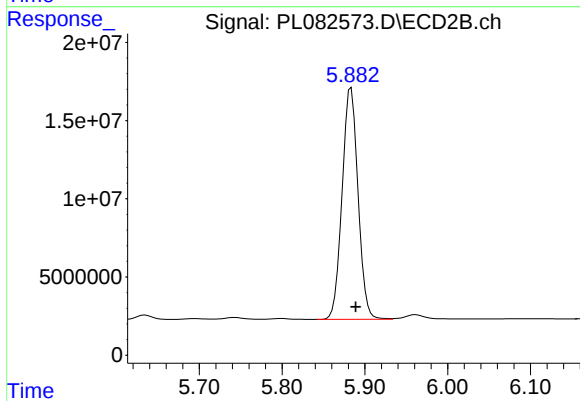
#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 3663997
Conc: 1.96 ng/ml m



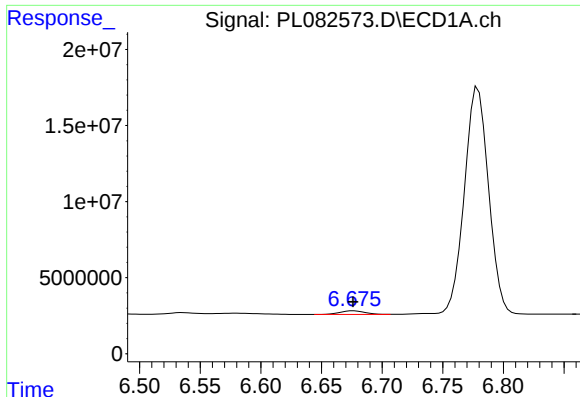
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 207530189
Conc: 90.71 ng/ml



#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 197954945
Conc: 93.70 ng/ml



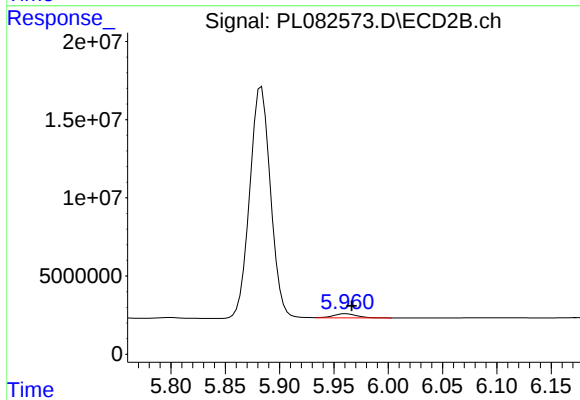
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 3452997
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

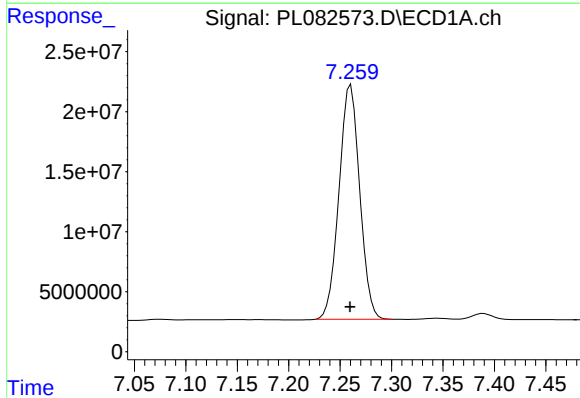
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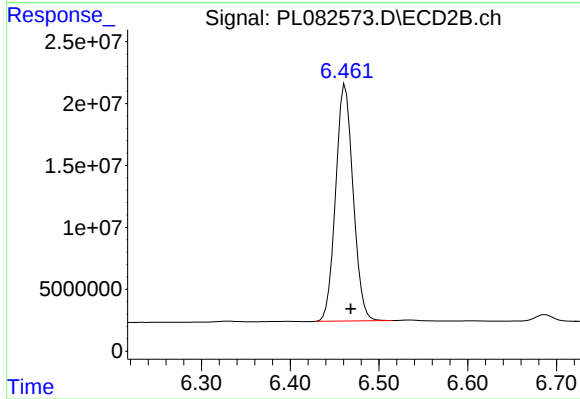
#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 4007362
Conc: 2.14 ng/ml m



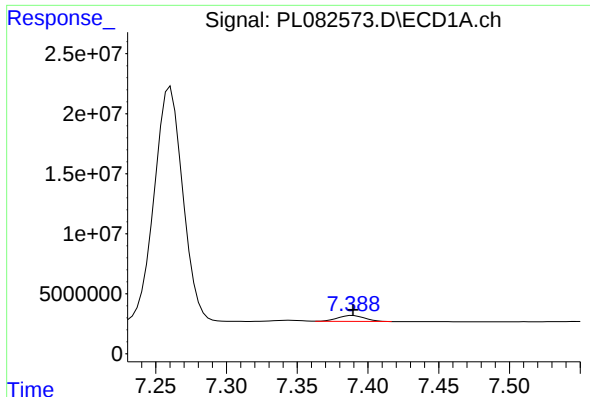
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 273537851
Conc: 224.15 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 261409532
Conc: 215.71 ng/ml m



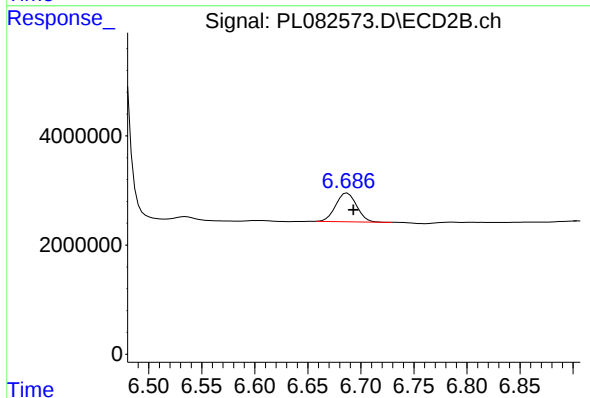
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 6478145
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

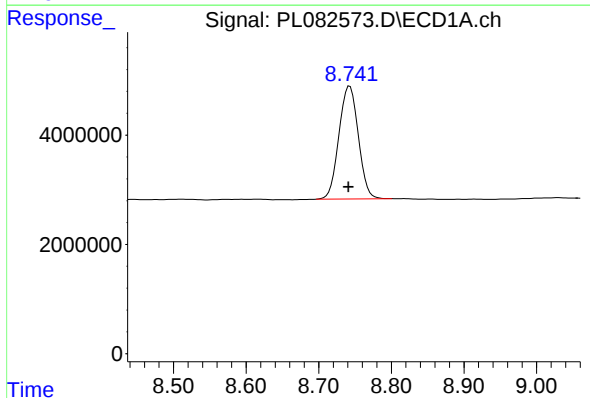
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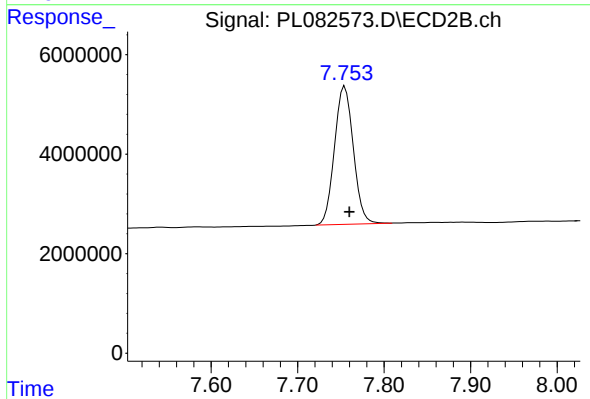
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 7210031
Conc: 2.84 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.002 min
Response: 38399898
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 41812342
Conc: 18.32 ng/ml