

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111223\
 Data File : PL086578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 08:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/13/2023
 Supervised By : Ankita Jodhani 11/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:55:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.353	2.619	60374375	17864381	18.594	18.143
28)	SA Decachlor...	8.853	7.767	57754369	23771098	19.731	19.685
Target Compounds							
2)	A alpha-BHC	3.806	3.116	42563134	11164635	8.848	8.376
3)	MA gamma-BHC...	4.138	3.442	41475091	10677299	8.816	8.045m
6)	B beta-BHC	4.341	3.745	19927287	6083324	9.852	10.206
12)	B 4,4'-DDE	6.015	5.076	1057506	155683	0.305	0.152 #
14)	MA Endrin	6.384	5.467	145.2E6	48123825	42.161	43.935
16)	A 4,4'-DDD	6.534	5.631	2500632	857295	0.939	1.006
17)	MA 4,4'-DDT	6.849	5.881	284.6E6	99232791	96.002	101.509
18)	B Endrin al...	6.738	5.945	5032757	2305474	1.898	2.461m#
20)	A Methoxychlor	7.335	6.466	354.8E6	132.5E6	222.326	221.572
21)	B Endrin ke...	7.455	6.672	7190809	3748687	2.110	2.926 #

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

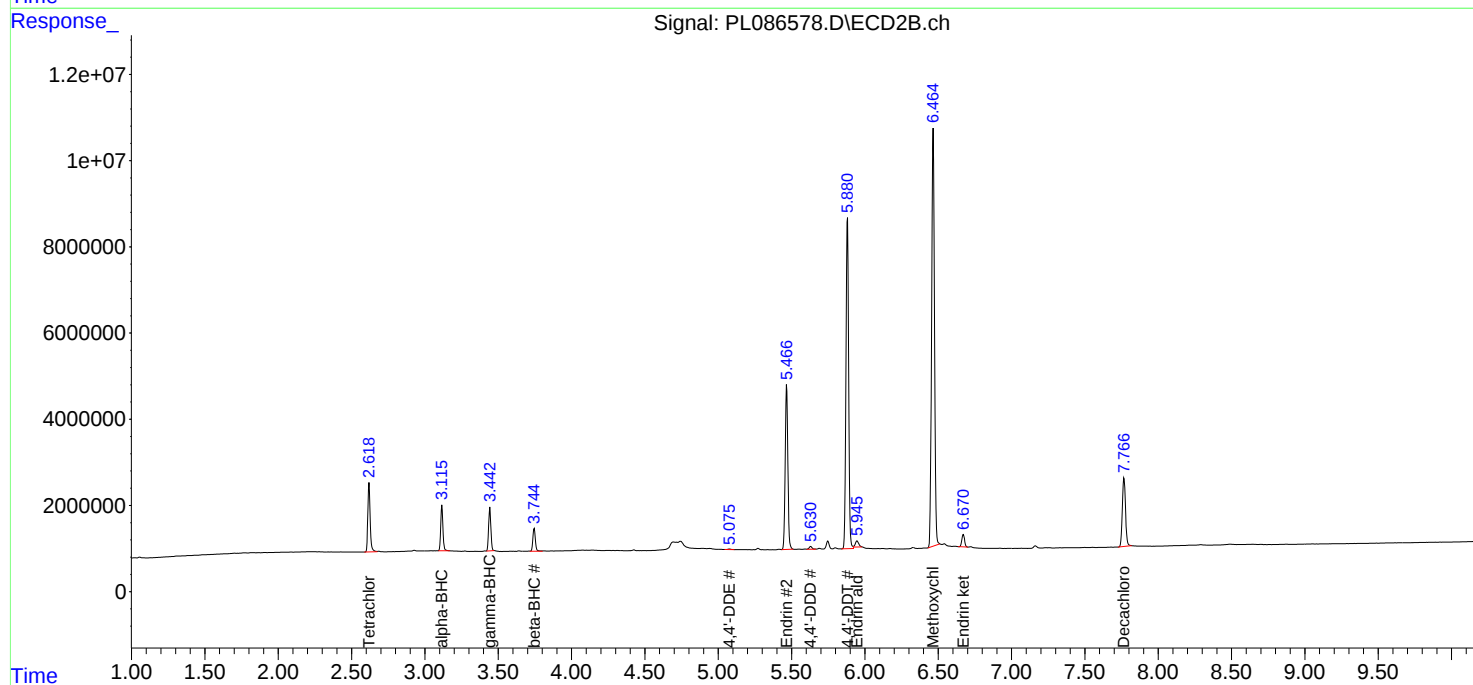
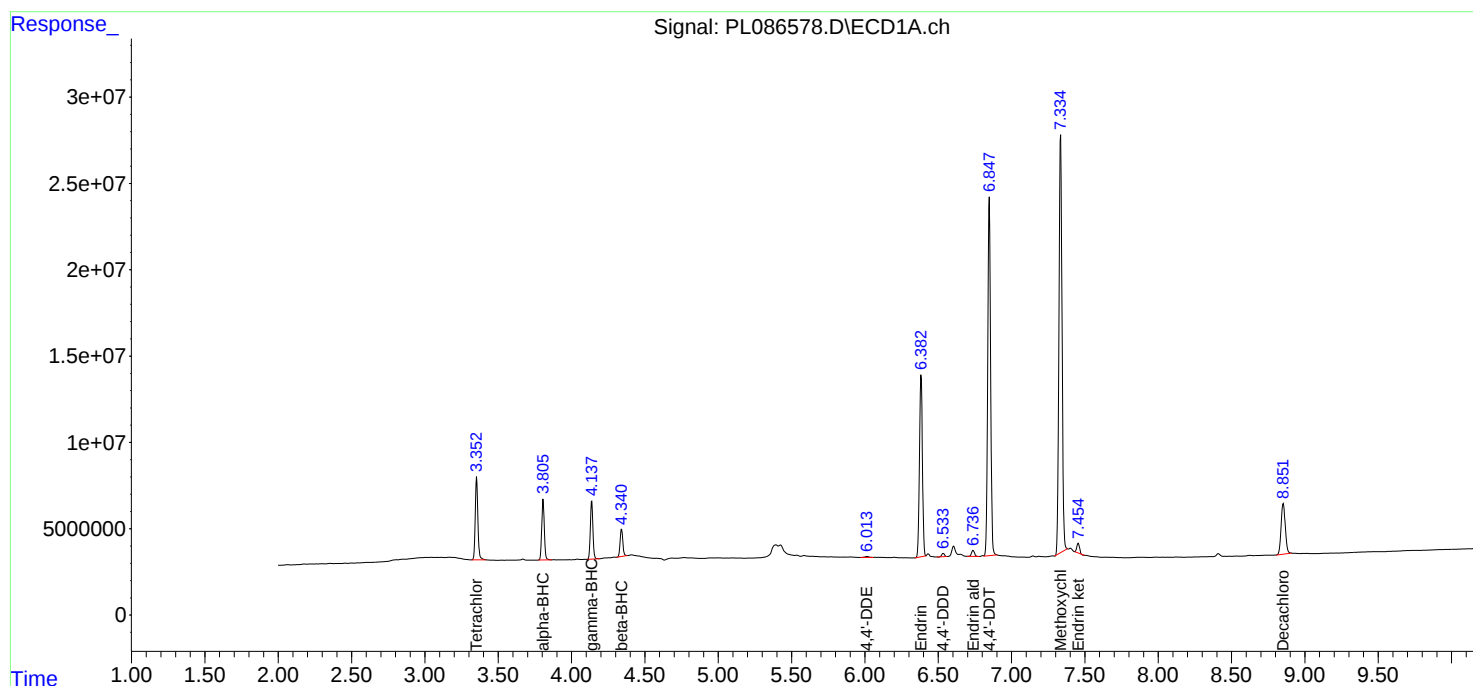
Instrument :
ECD_L
ClientSampleId :
PEM

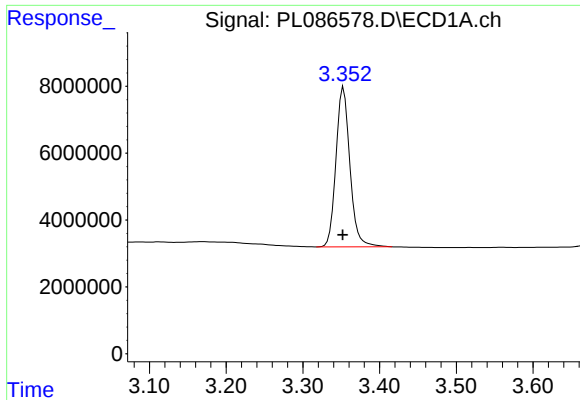
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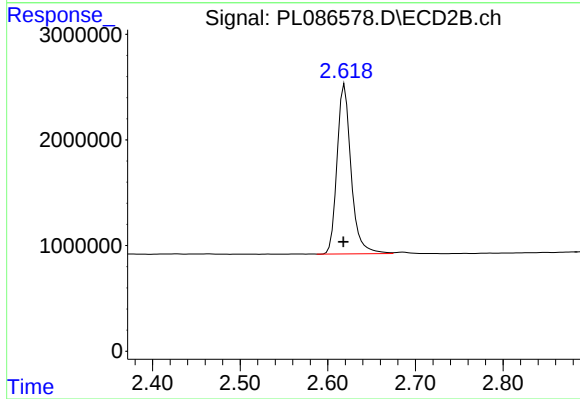
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 60374375
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

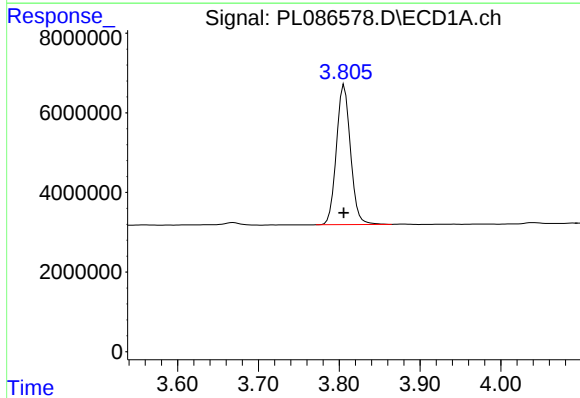
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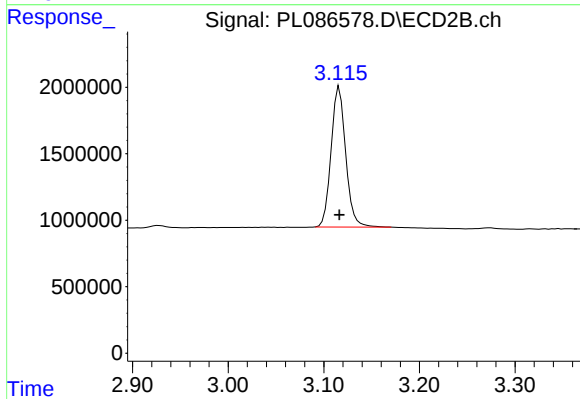
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.001 min
Response: 17864381
Conc: 18.14 ng/ml



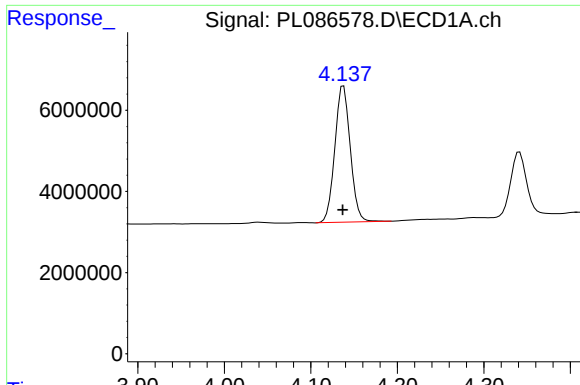
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 42563134
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 11164635
Conc: 8.38 ng/ml



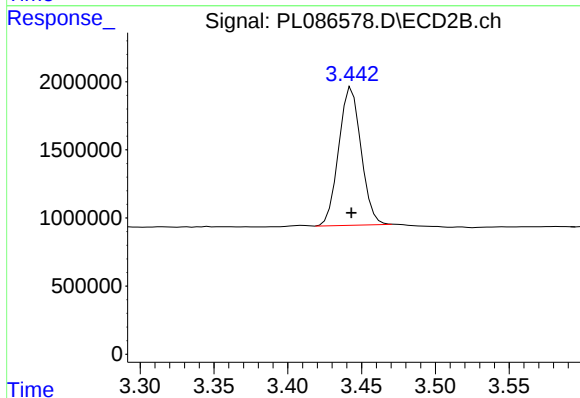
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.001 min
Response: 41475091
Conc: 8.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

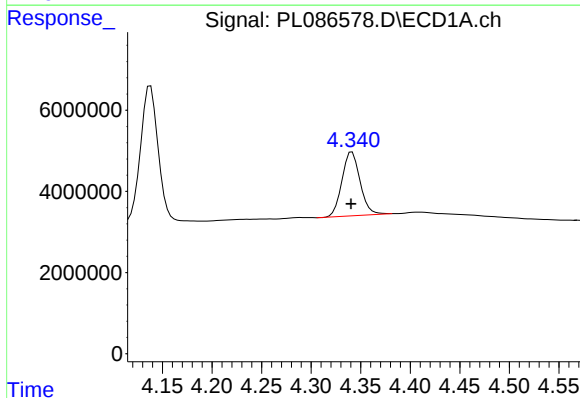
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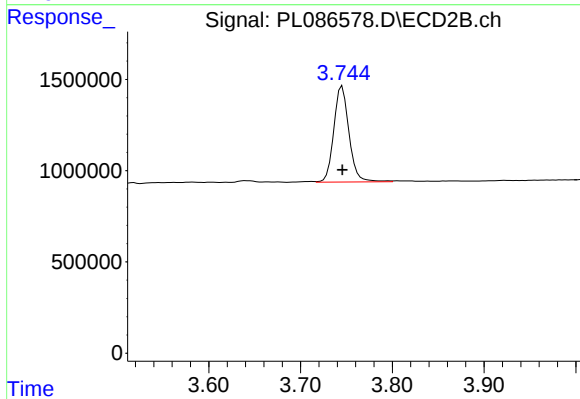
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 10677299
Conc: 8.05 ng/ml m



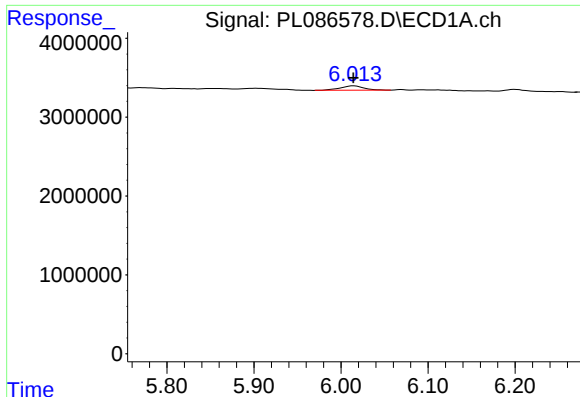
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 19927287
Conc: 9.85 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6083324
Conc: 10.21 ng/ml



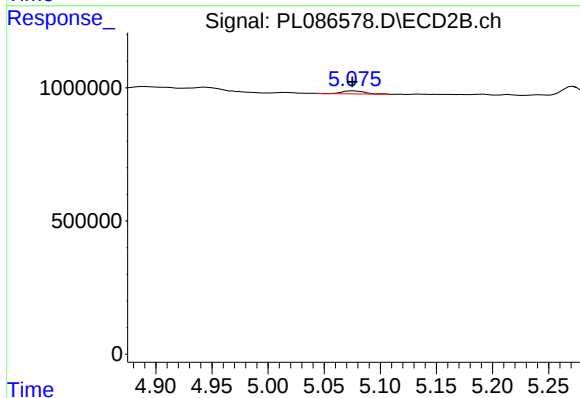
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 1057506
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

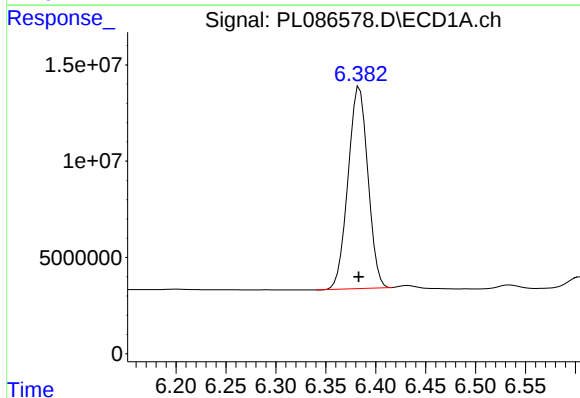
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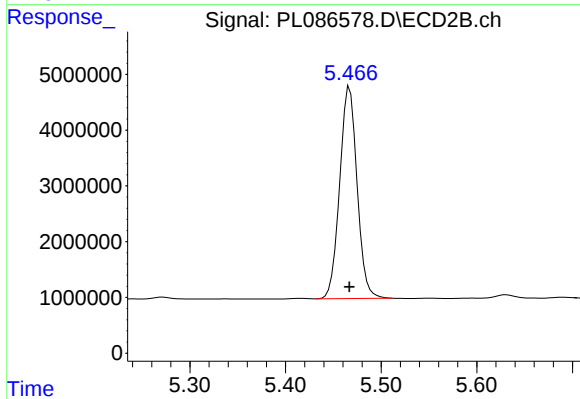
#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 155683
Conc: 0.15 ng/ml



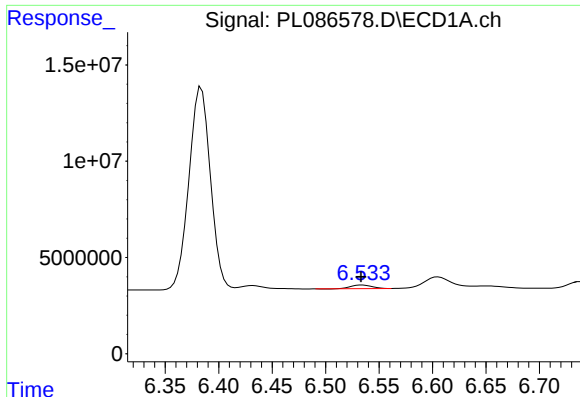
#14 Endrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 145217879
Conc: 42.16 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 48123825
Conc: 43.94 ng/ml



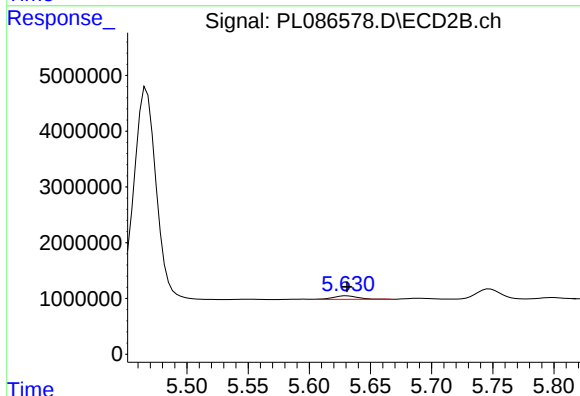
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 2500632
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

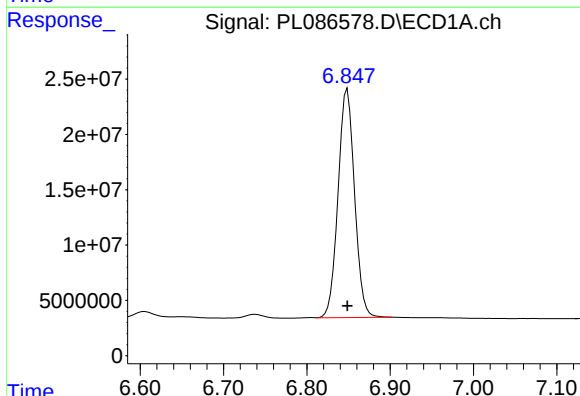
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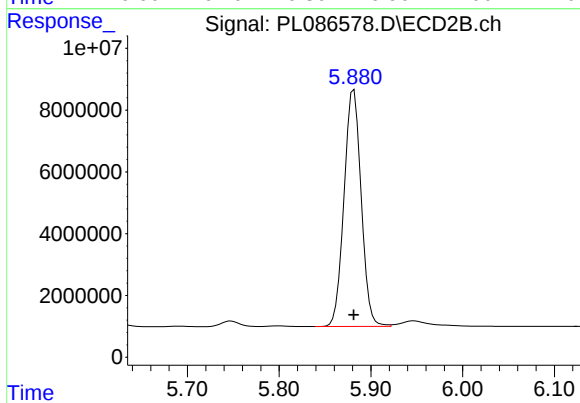
#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 857295
Conc: 1.01 ng/ml



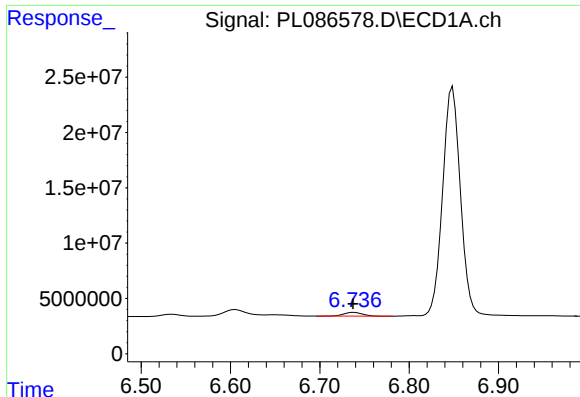
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 284581787
Conc: 96.00 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 99232791
Conc: 101.51 ng/ml



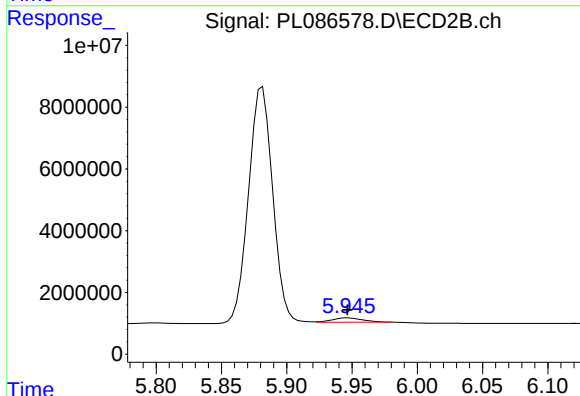
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 5032757
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

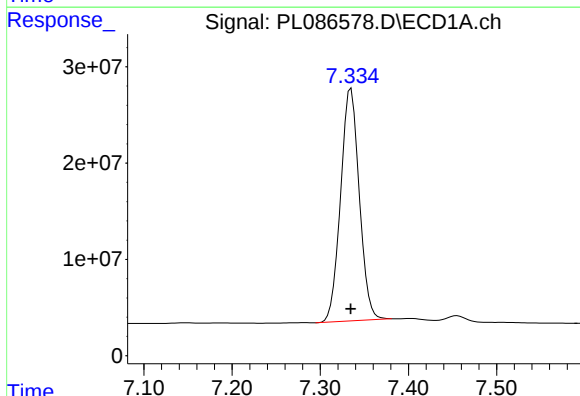
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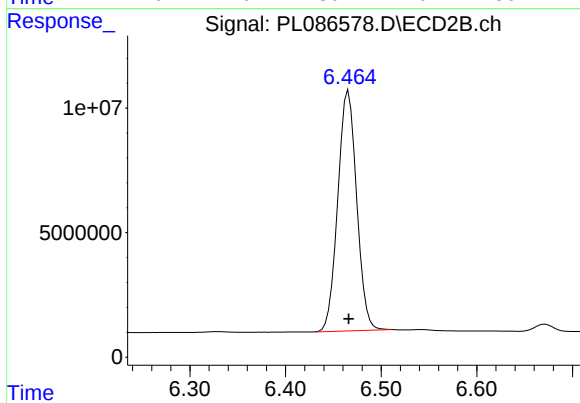
#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 2305474
Conc: 2.46 ng/ml m



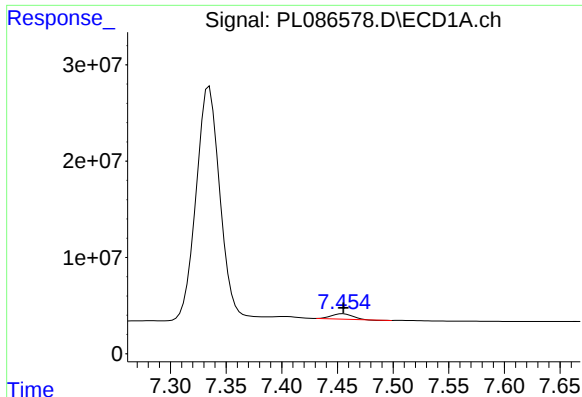
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 354804707
Conc: 222.33 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 132537607
Conc: 221.57 ng/ml



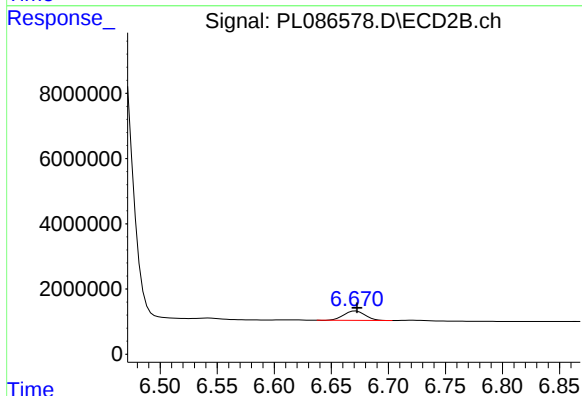
#21 Endrin ketone

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 7190809
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

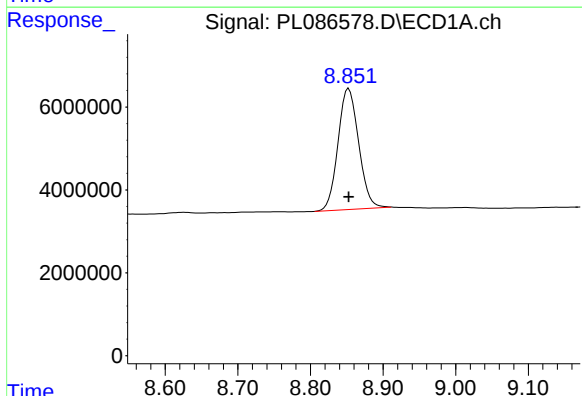
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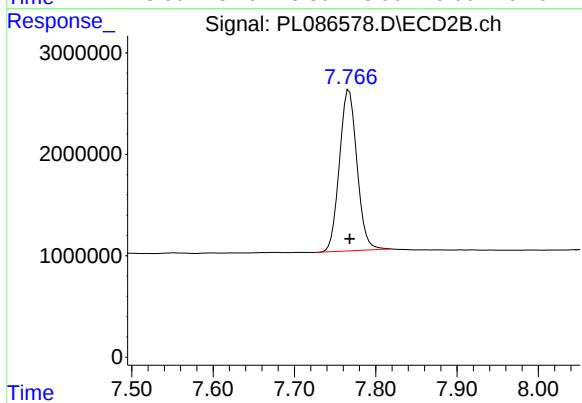
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 3748687
Conc: 2.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: 0.000 min
Response: 57754369
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 23771098
Conc: 19.68 ng/ml