

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111123\
 Data File : PL086567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 14:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:00:00 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...	3.352	2.618	62846994	18306336	19.355	18.592
28)	SA Decachlor...	8.856	7.769	60023520	24407205	20.506	20.211
Target Compounds							
2)	A alpha-BHC	3.806	3.115	45140496	11667334	9.384	8.753
3)	MA gamma-BHC...	4.138	3.442	44119285	11475921	9.378	8.647
6)	B beta-BHC	4.342	3.745	21123891	6346272	10.444	10.647
12)	B 4,4'-DDE	6.015	5.076	665384	148909	0.192m	0.145m
14)	MA Endrin	6.385	5.467	157.2E6	51243041	45.627	46.783
16)	A 4,4'-DDD	6.533	5.630	2112124	587839	0.793m	0.690m
17)	MA 4,4'-DDT	6.850	5.882	304.8E6	103.5E6	102.838	105.853
18)	B Endrin al...	6.739	5.946	4794713	2773889	1.809	2.961m#
20)	A Methoxychlor	7.336	6.466	377.0E6	138.9E6	236.253	232.148
21)	B Endrin ke...	7.456	6.670	7155366	3065421	2.100m	2.392m

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

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Acq On : 09 Nov 2023 14:03
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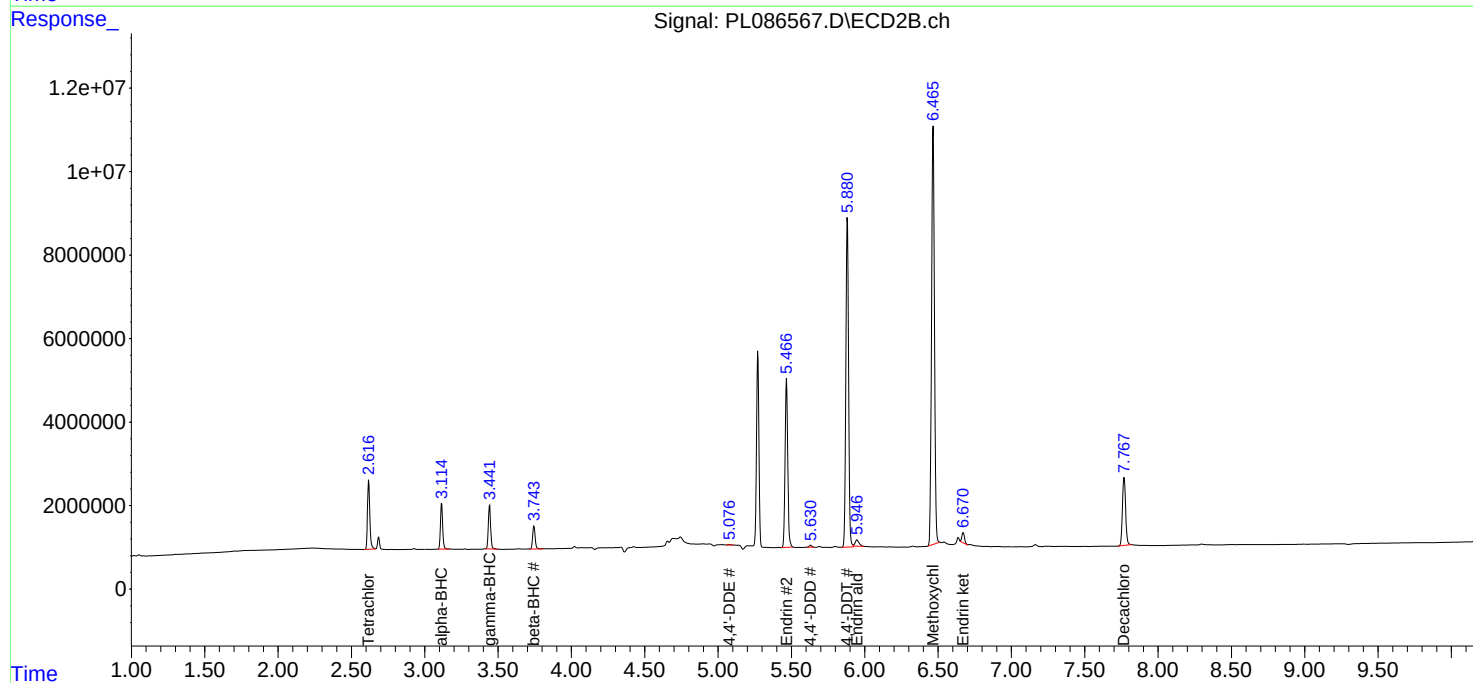
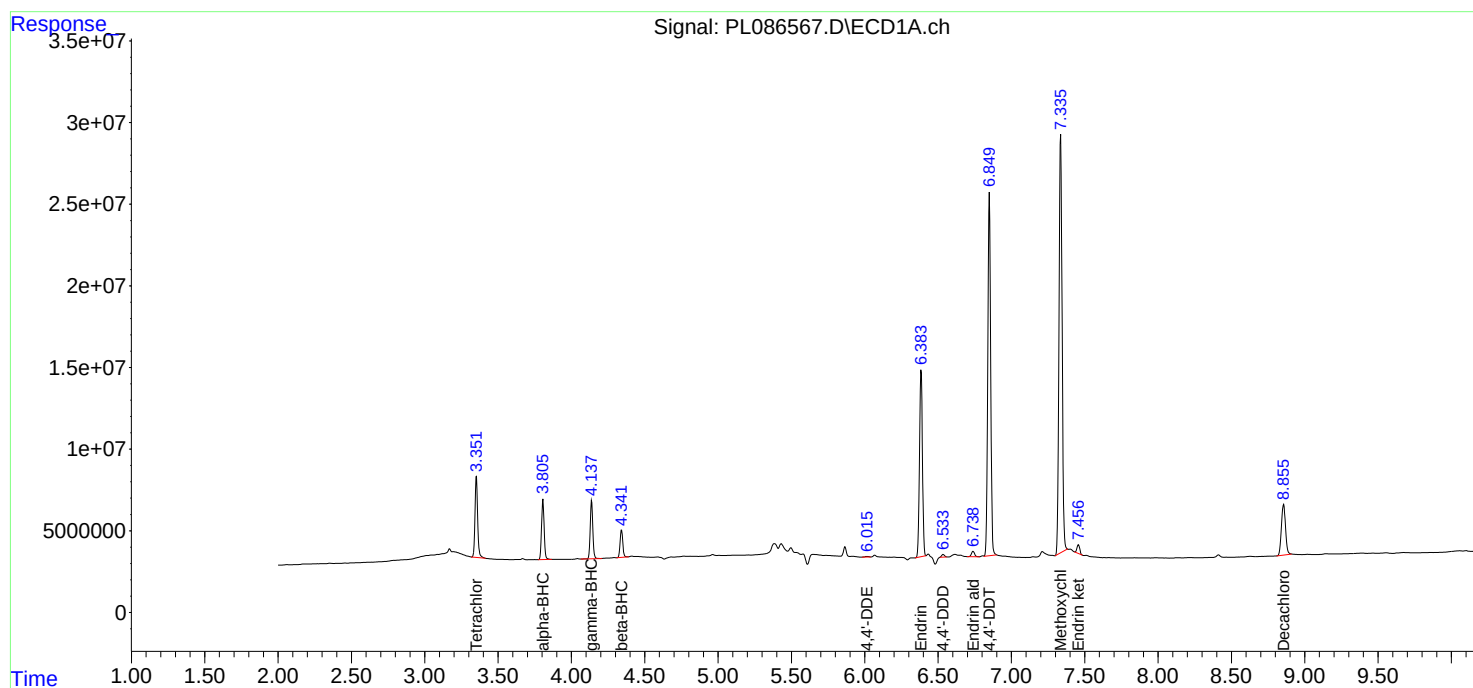
Instrument :
ECD_L
ClientSampleId :
PEM

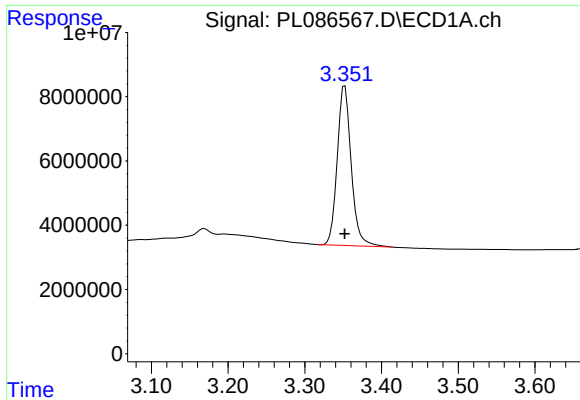
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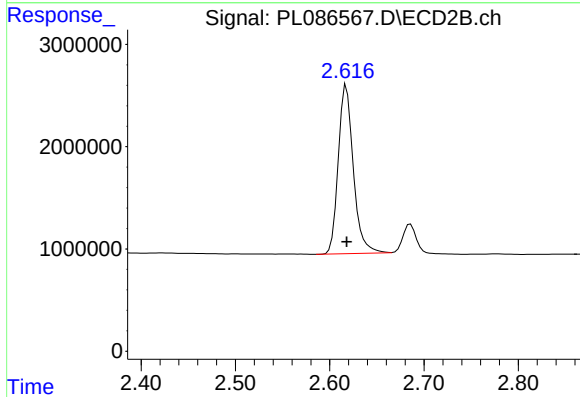
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 62846994
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

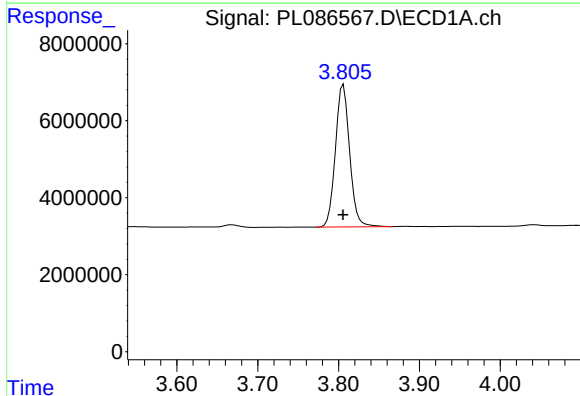
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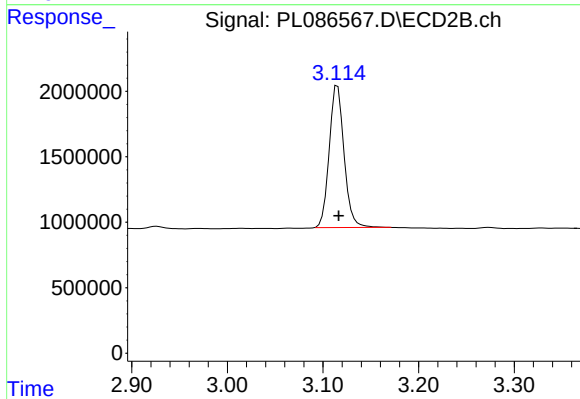
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 18306336
Conc: 18.59 ng/ml



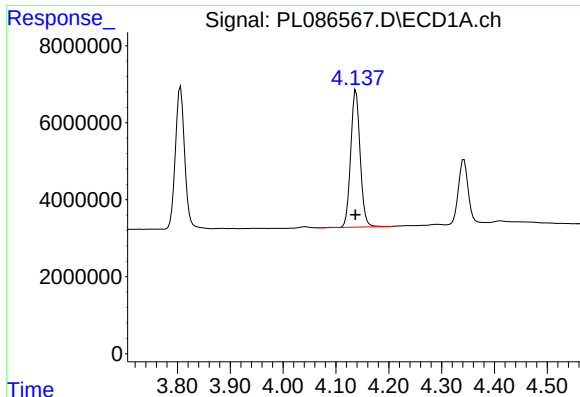
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 45140496
Conc: 9.38 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 11667334
Conc: 8.75 ng/ml



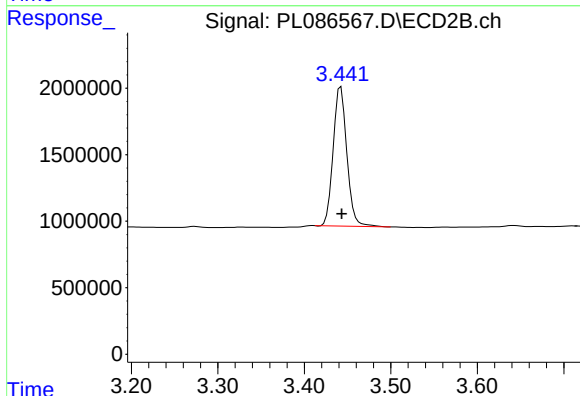
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.001 min
Response: 44119285
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

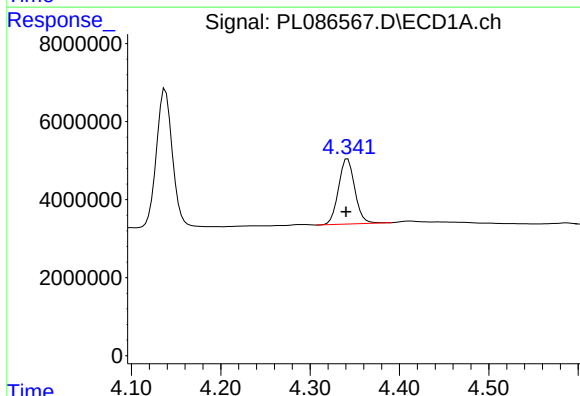
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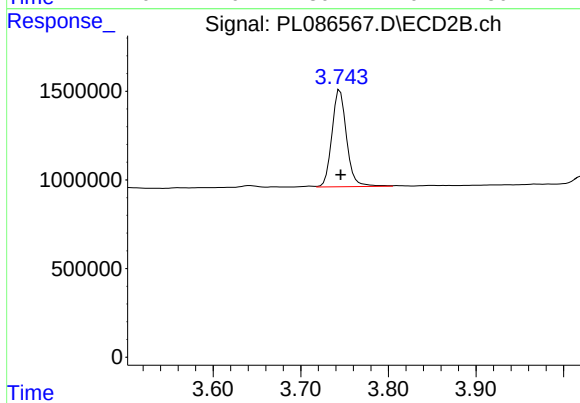
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 11475921
Conc: 8.65 ng/ml



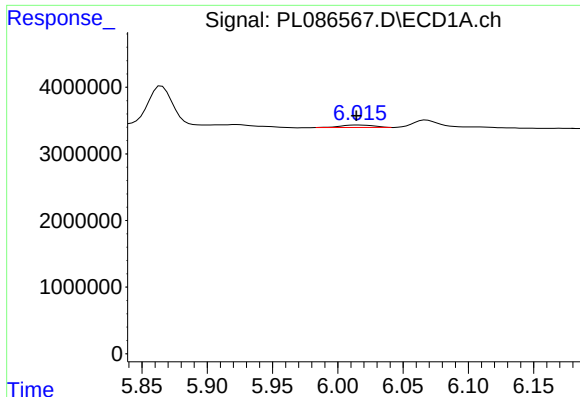
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.002 min
Response: 21123891
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6346272
Conc: 10.65 ng/ml



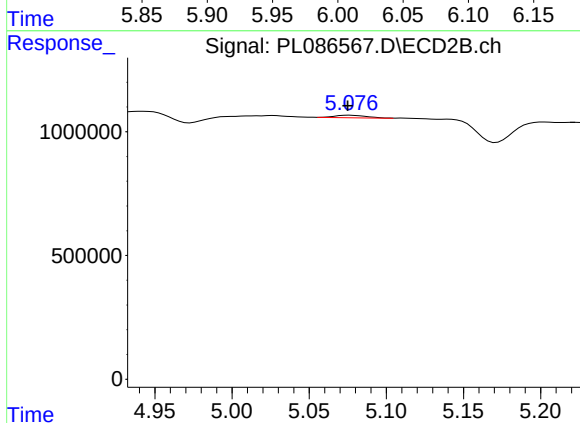
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 665384
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

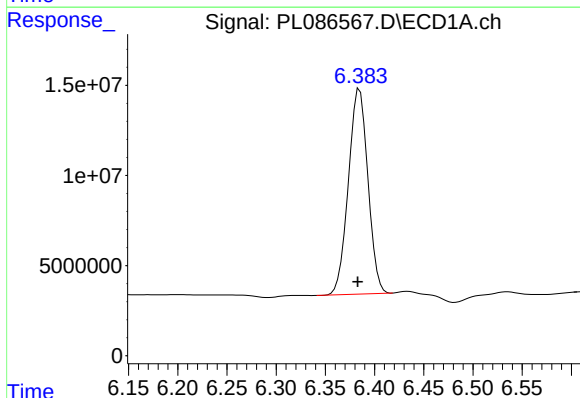
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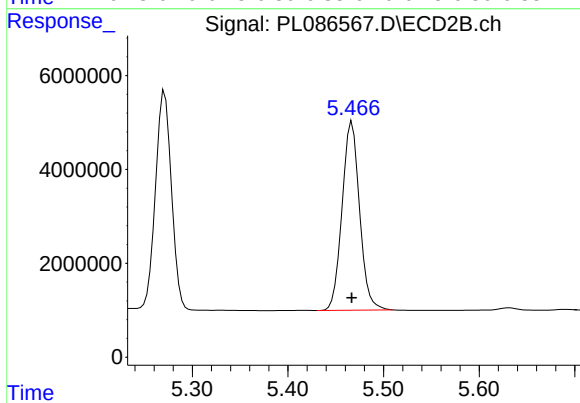
#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 148909
Conc: 0.15 ng/ml m



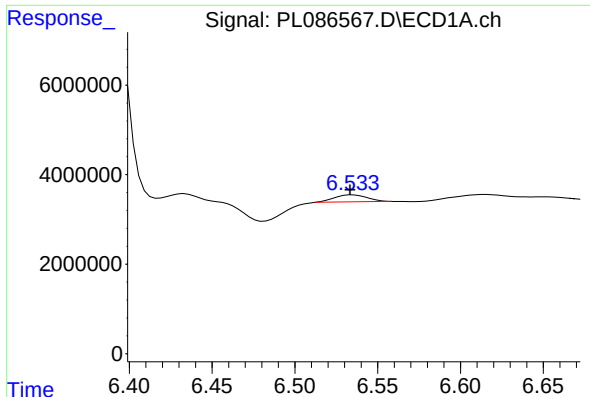
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 157157442
Conc: 45.63 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 51243041
Conc: 46.78 ng/ml



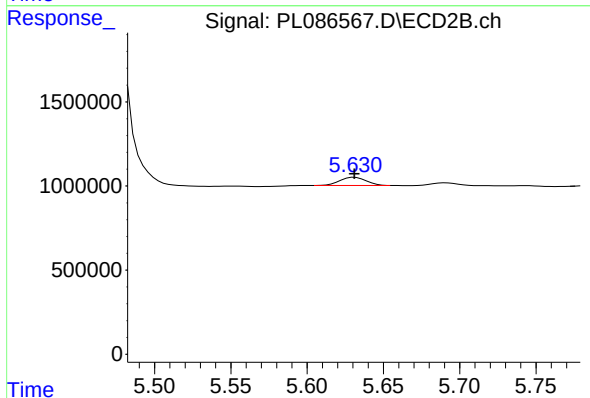
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 2112124
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

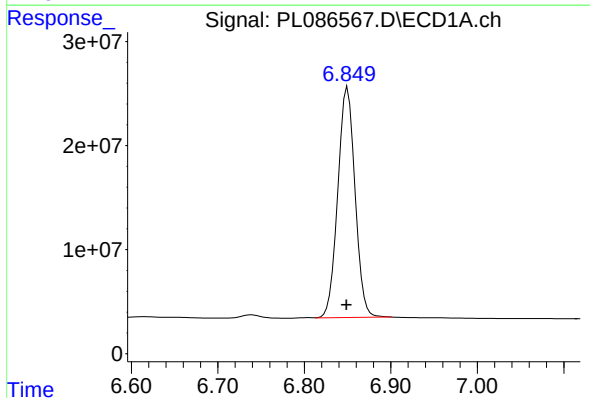
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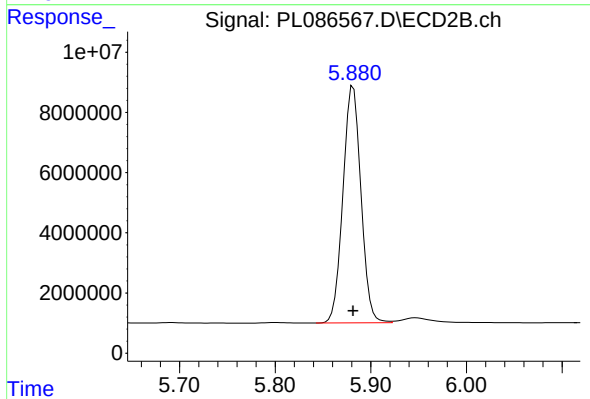
#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 587839
Conc: 0.69 ng/ml m



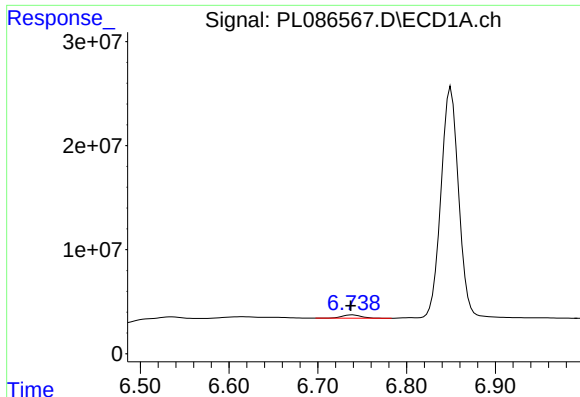
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 304844818
Conc: 102.84 ng/ml



#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 103479091
Conc: 105.85 ng/ml



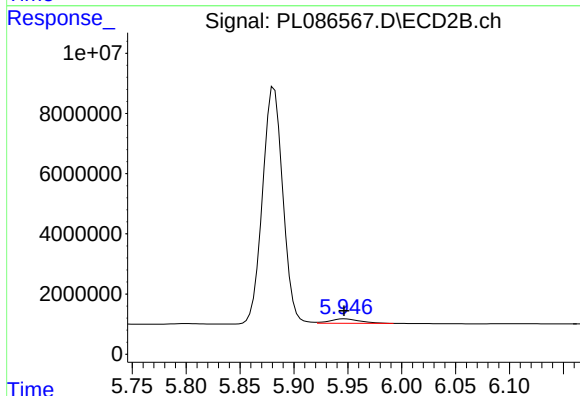
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 4794713
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

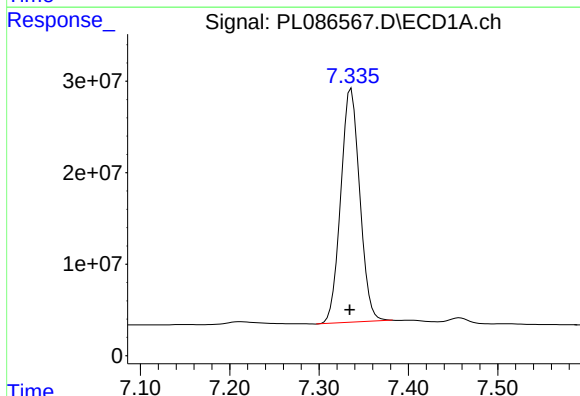
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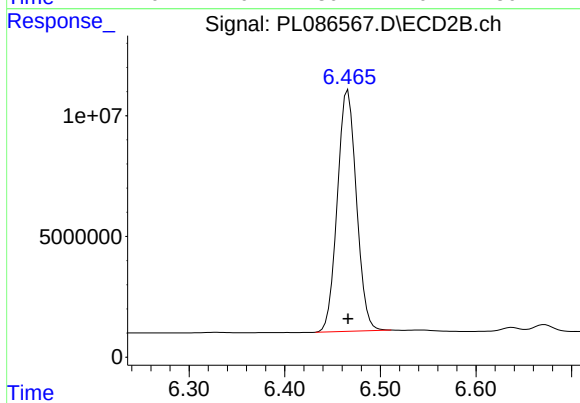
#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2773889
Conc: 2.96 ng/ml m



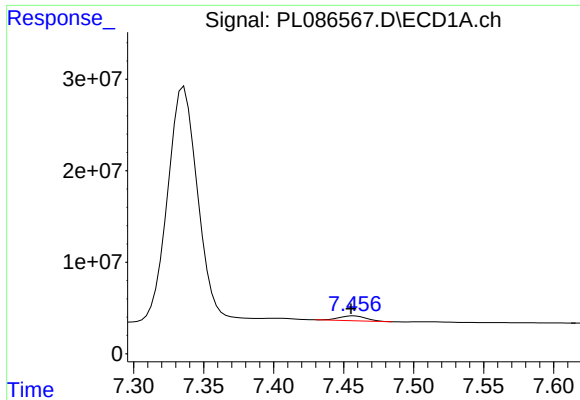
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: 0.002 min
Response: 377030473
Conc: 236.25 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 138863942
Conc: 232.15 ng/ml



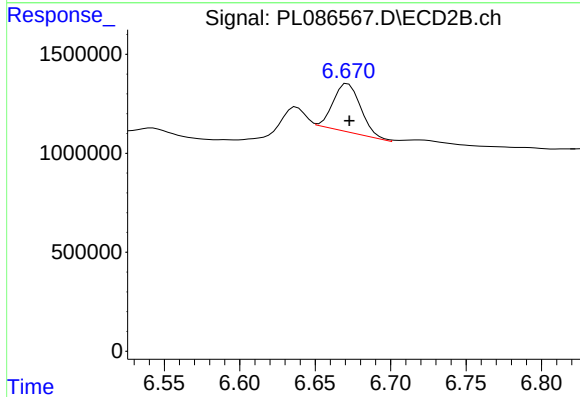
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 7155366
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

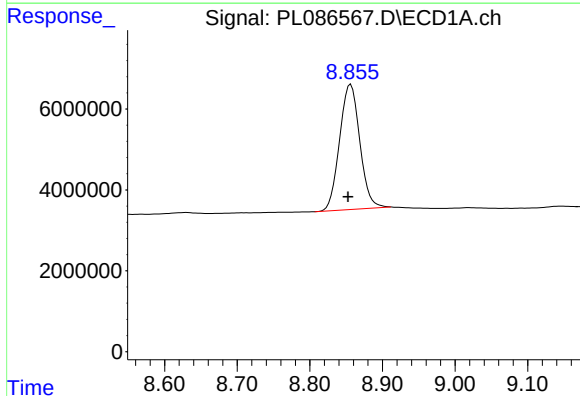
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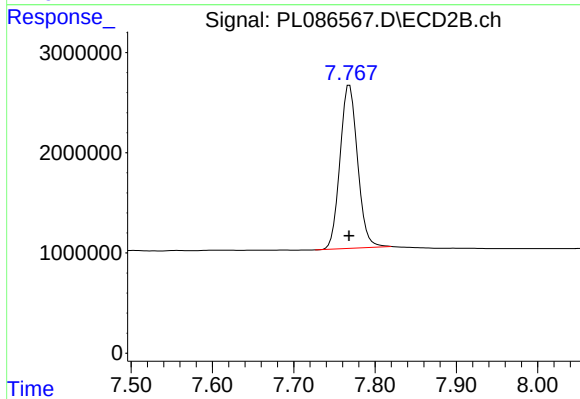
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.002 min
Response: 3065421
Conc: 2.39 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: 0.004 min
Response: 60023520
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 24407205
Conc: 20.21 ng/ml