

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112823\
 Data File : PL086840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Nov 2023 11:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 19:58:49 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	2.617	68369559	20208681	21.056	20.524
28)	SA Decachlor...	8.857	7.769	57866246	25872425	19.769	21.425
Target Compounds							
2)	A alpha-BHC	3.806	3.115	47821861	12736840	9.941	9.555
3)	MA gamma-BHC...	4.138	3.442	45742930	12547351	9.723	9.455
6)	B beta-BHC	4.342	3.745	22642003	7067249	11.195	11.857
12)	B 4,4'-DDE	6.015	5.073	1086649	211771	0.313m	0.206m#
14)	MA Endrin	6.385	5.467	152.4E6	54142807	44.241	49.431
16)	A 4,4'-DDD	6.535	5.630	13238328	3227422	4.972	3.788
17)	MA 4,4'-DDT	6.851	5.881	295.5E6	111.5E6	99.678	114.025
18)	B Endrin al...	6.740	5.947	5587655	3584289	2.108	3.826 #
20)	A Methoxychlor	7.337	6.466	376.7E6	151.5E6	236.039	253.227
21)	B Endrin ke...	7.458	6.670	10557695	4834744	3.098	3.773m

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

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Acq On : 28 Nov 2023 11:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

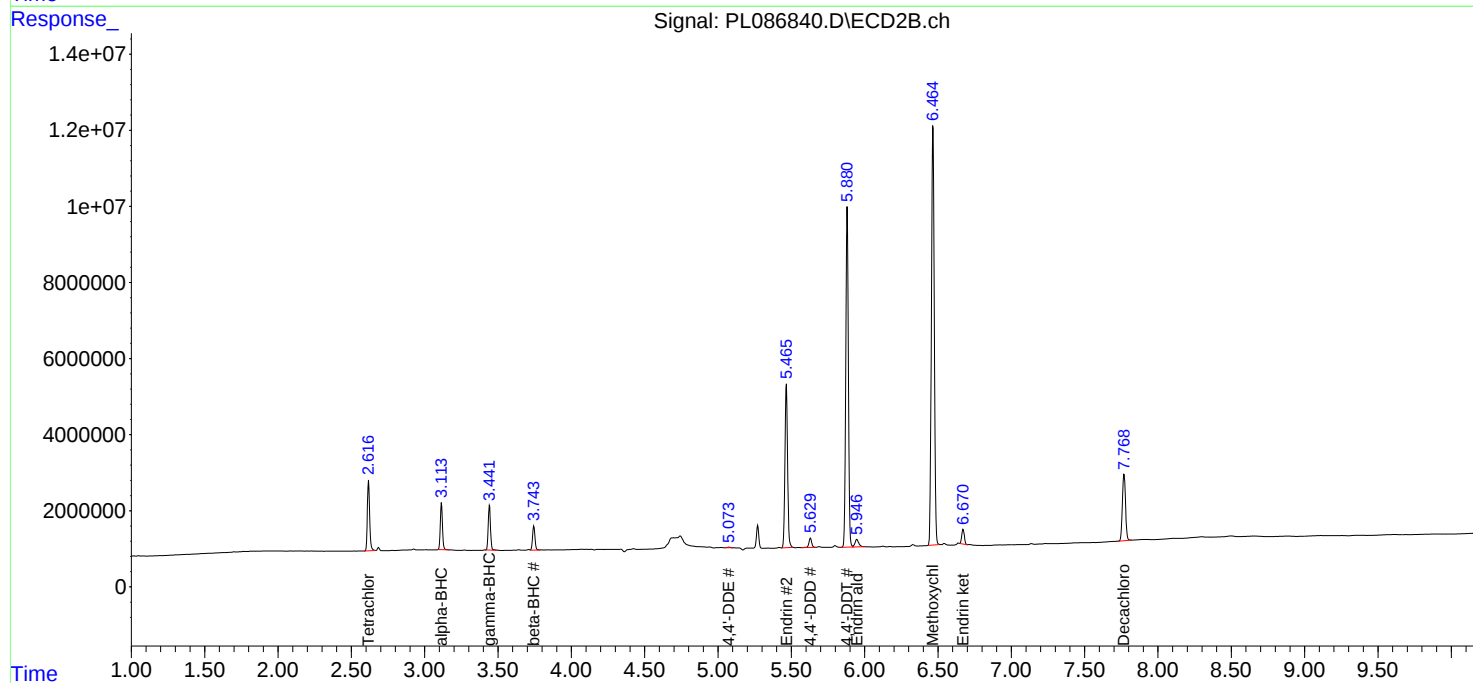
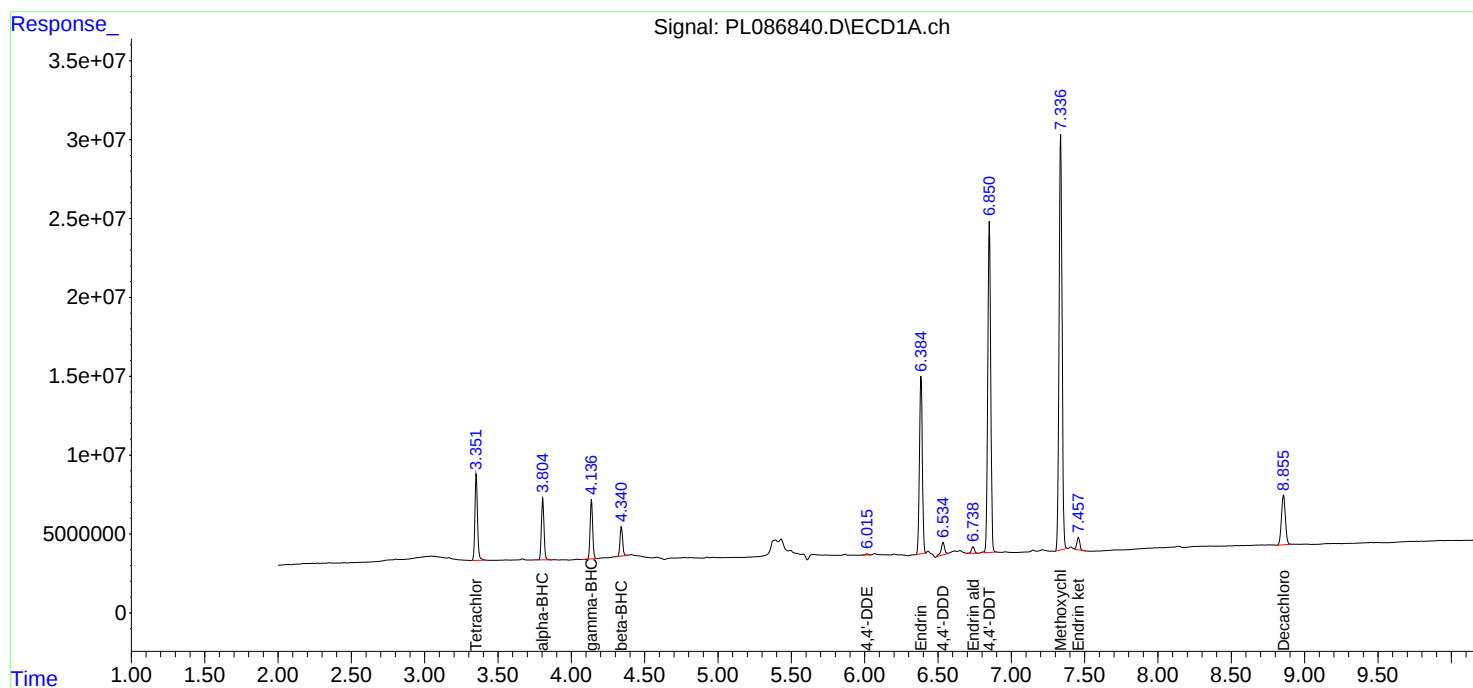
Instrument :
ECD_L
ClientSampleId :
PEM

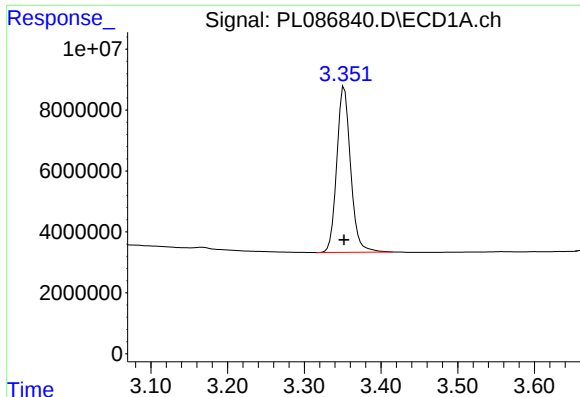
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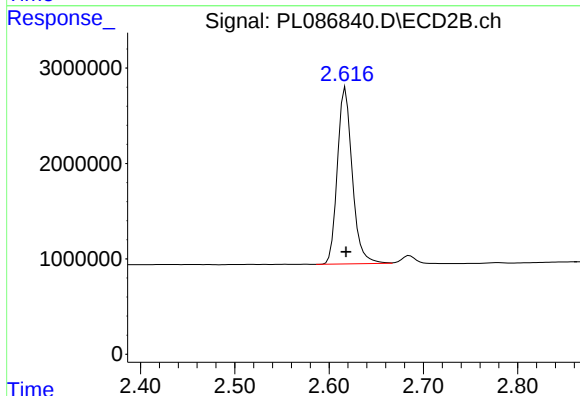
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 68369559
Conc: 21.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

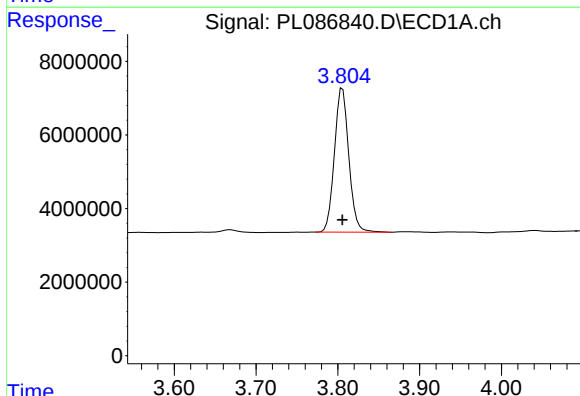
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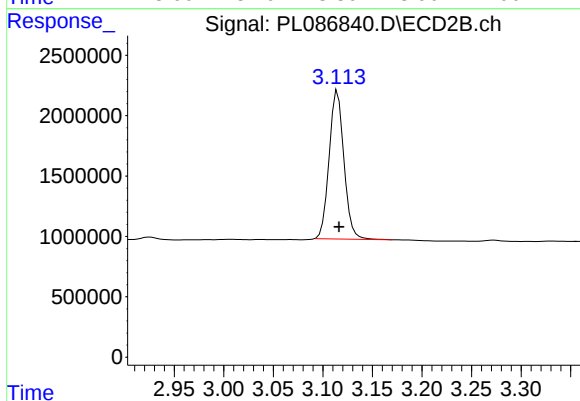
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 20208681
Conc: 20.52 ng/ml



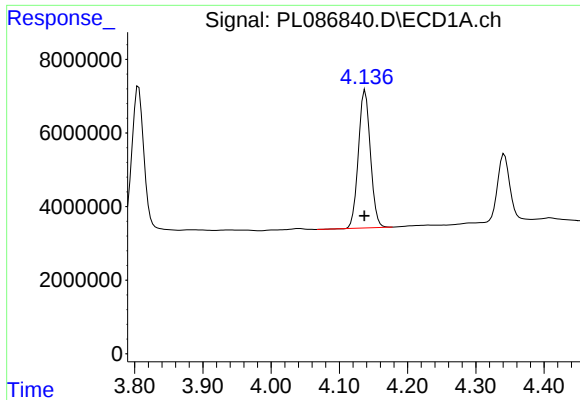
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 47821861
Conc: 9.94 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 12736840
Conc: 9.56 ng/ml



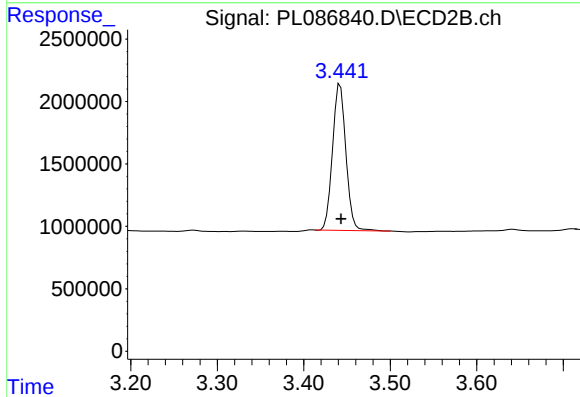
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 45742930
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

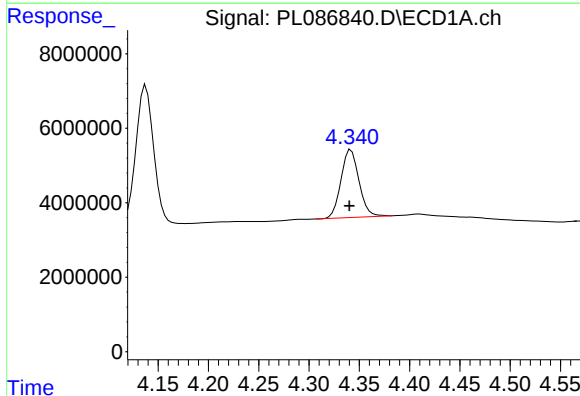
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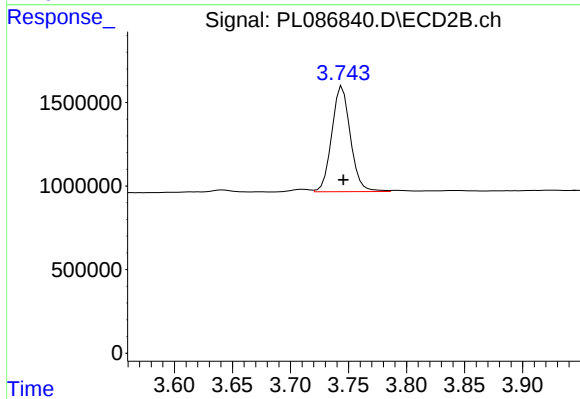
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 12547351
Conc: 9.45 ng/ml



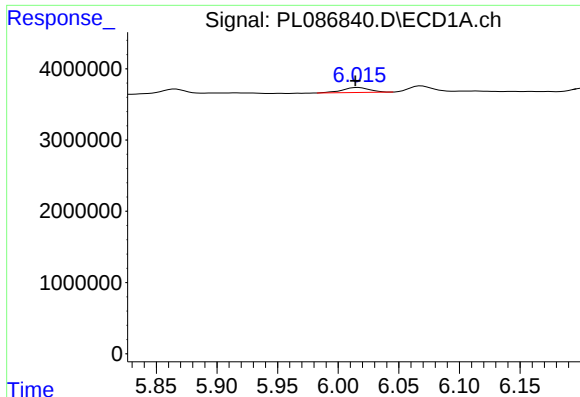
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 22642003
Conc: 11.19 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 7067249
Conc: 11.86 ng/ml



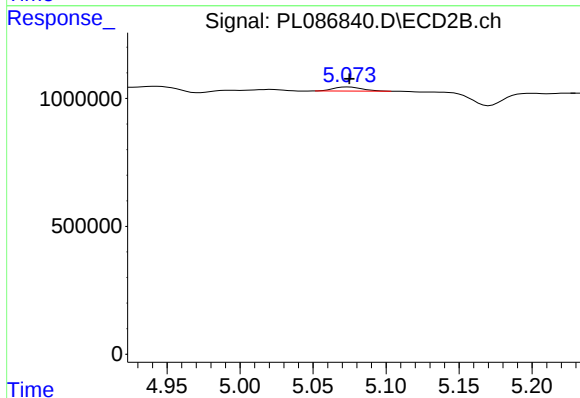
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 1086649
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

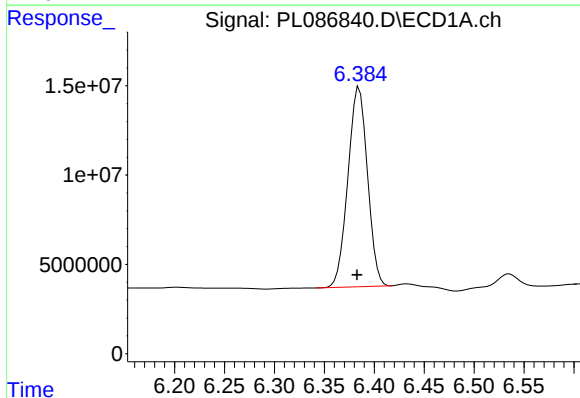
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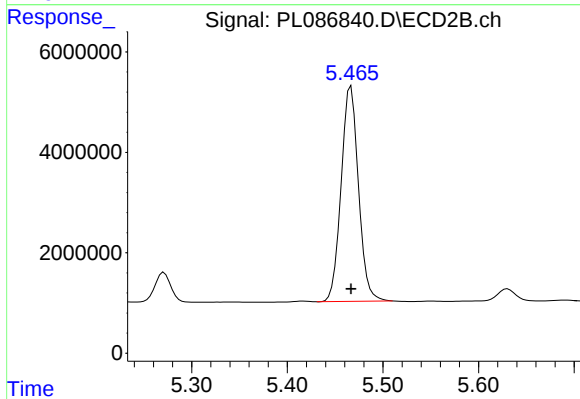
#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 211771
Conc: 0.21 ng/ml m



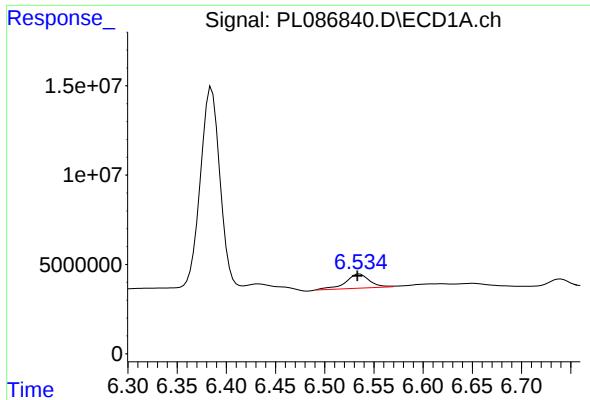
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 152381350
Conc: 44.24 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 54142807
Conc: 49.43 ng/ml



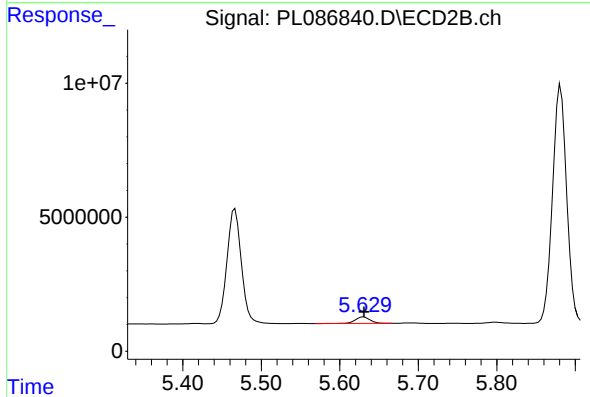
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 13238328
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

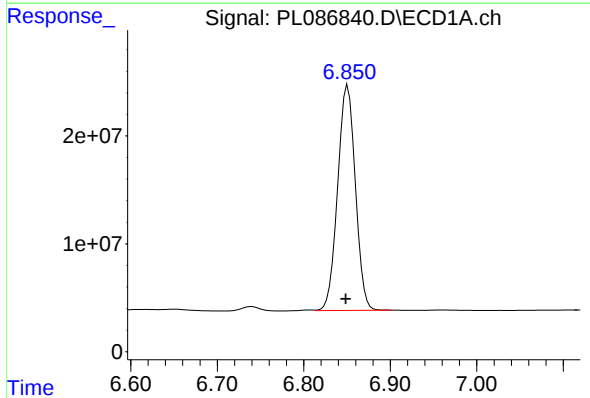
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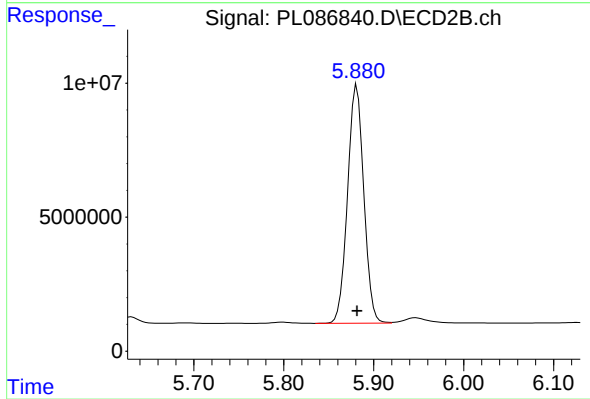
#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 3227422
Conc: 3.79 ng/ml



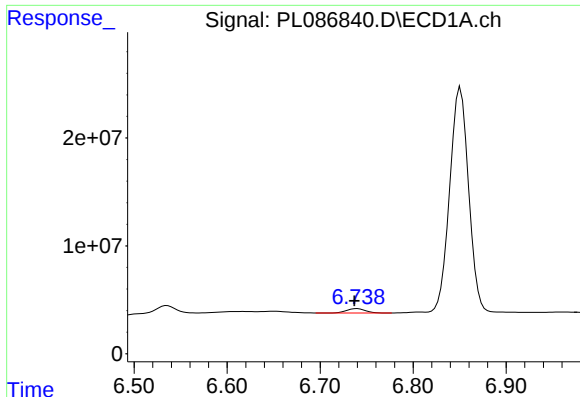
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 295477663
Conc: 99.68 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 111468183
Conc: 114.03 ng/ml



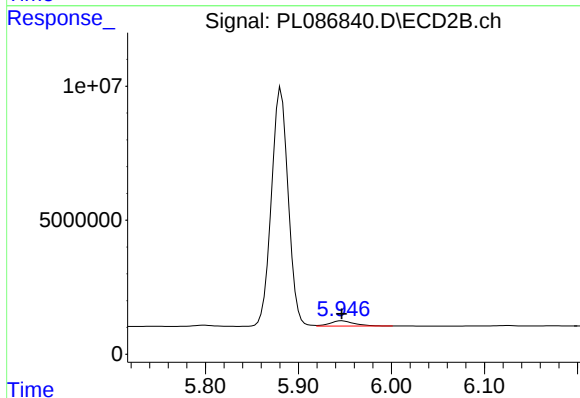
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 5587655
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

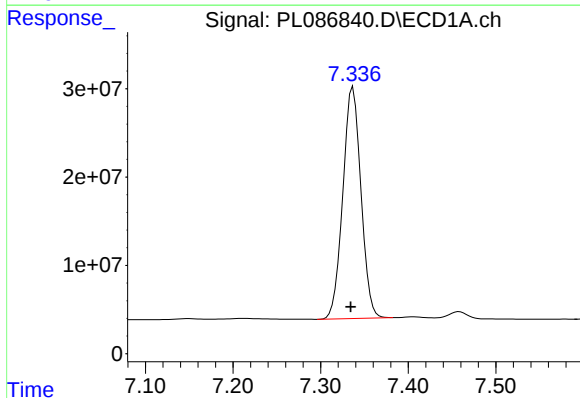
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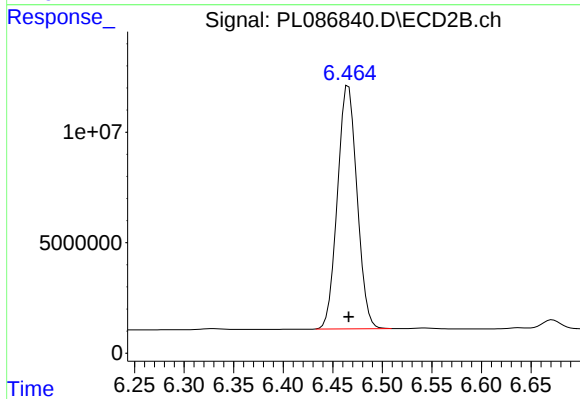
#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 3584289
Conc: 3.83 ng/ml



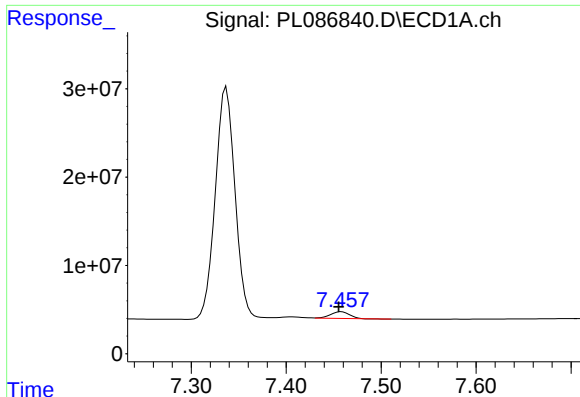
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: 0.002 min
Response: 376687634
Conc: 236.04 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 151472769
Conc: 253.23 ng/ml



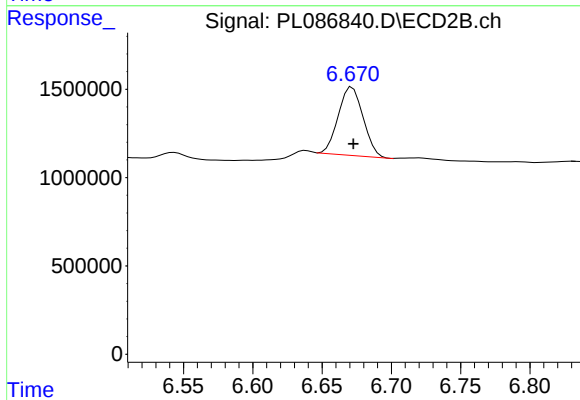
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: 0.003 min
Response: 10557695
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

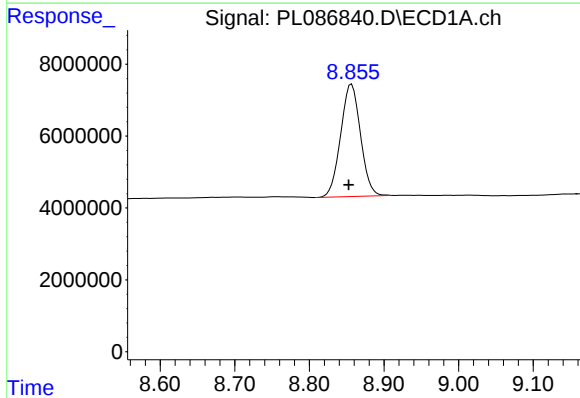
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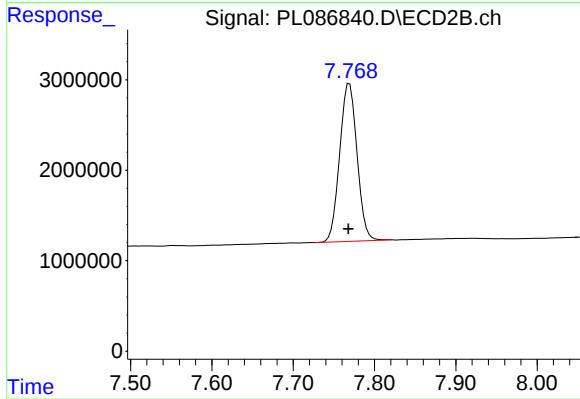
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.002 min
Response: 4834744
Conc: 3.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: 0.004 min
Response: 57866246
Conc: 19.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 25872425
Conc: 21.42 ng/ml