

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050324\
 Data File : PL089345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2024 10:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2024
 Supervised By :Ankita Jodhani 05/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 21:39:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.552	2.798	46467406	28883794	23.076	22.512
28)	SA Decachlor...	9.064	7.948	30056784	28637121	21.484	21.289
Target Compounds							
2)	A alpha-BHC	4.006	3.303	33706782	19424704	11.820	10.295
3)	MA gamma-BHC...	4.339	3.634	31598943	18658768	11.350	10.112
6)	B beta-BHC	4.534	3.931	14104225	9691204	11.180	11.870
12)	B 4,4'-DDE	6.200	5.262	974595	403080	0.482m	0.277m#
14)	MA Endrin	6.584	5.670	81071182	73593027	42.797m	51.189
16)	A 4,4'-DDD	6.716	5.816	10985999	7514920	6.512m	6.094
17)	MA 4,4'-DDT	7.033	6.068	150.3E6	139.8E6	81.746	103.299 #
18)	B Endrin al...	6.933	6.143	4497020	2997983	2.974	2.695
20)	A Methoxychlor	7.507	6.644	190.0E6	179.6E6	193.191	224.566
21)	B Endrin ke...	7.651	6.869	9458204	7702718	4.725	4.817m

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

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Acq On : 03 May 2024 10:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

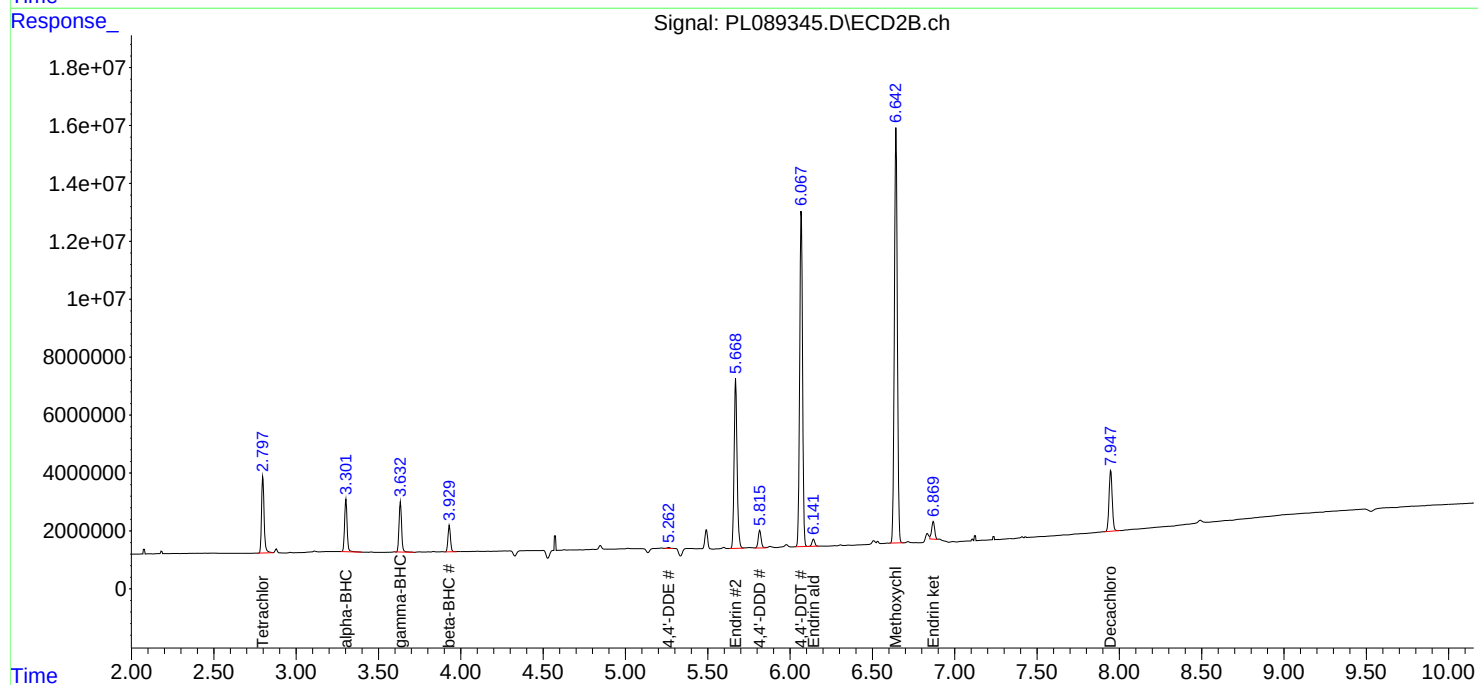
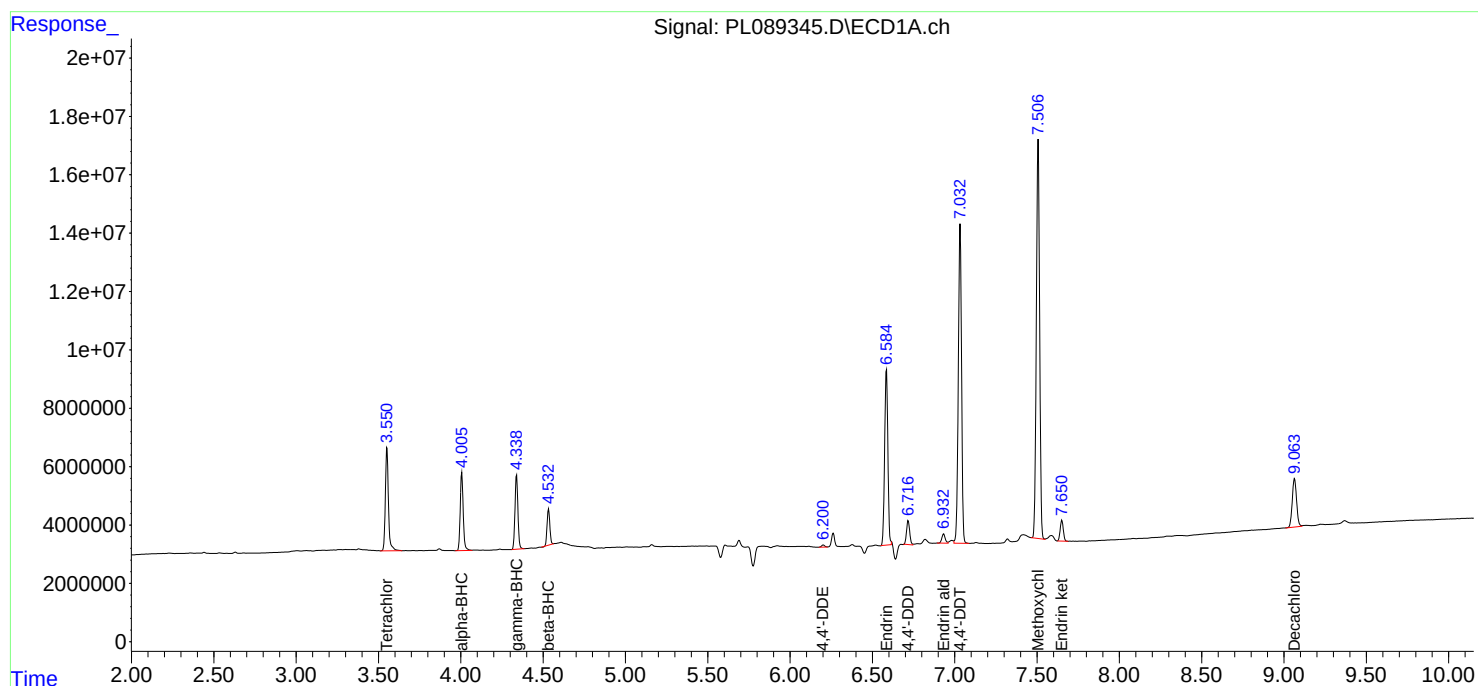
Instrument :
ECD_L
ClientSampleId :
PEM

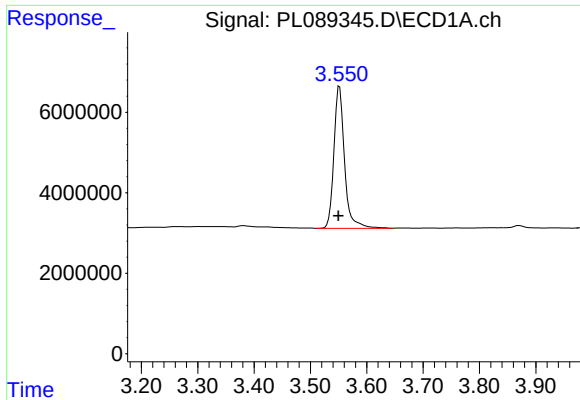
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
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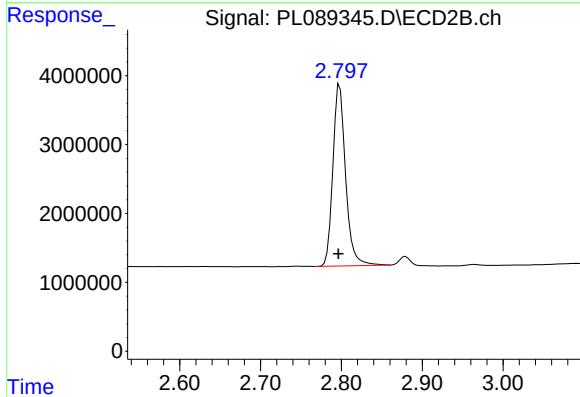
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 46467406
Conc: 23.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

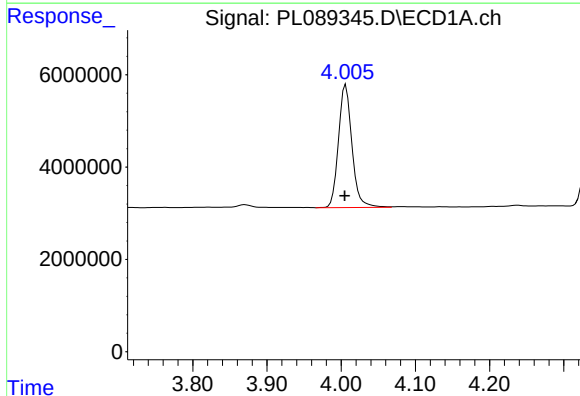
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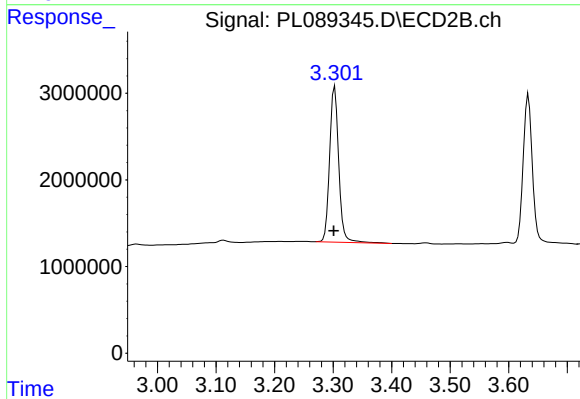
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 28883794
Conc: 22.51 ng/ml



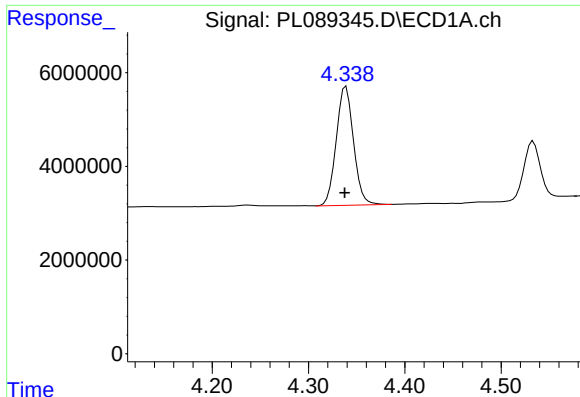
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33706782
Conc: 11.82 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 19424704
Conc: 10.29 ng/ml



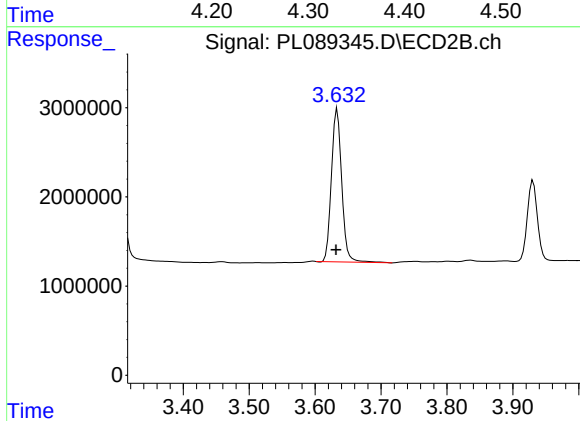
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 31598943
Conc: 11.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

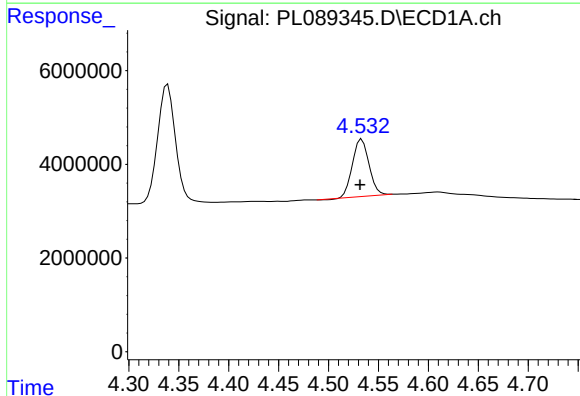
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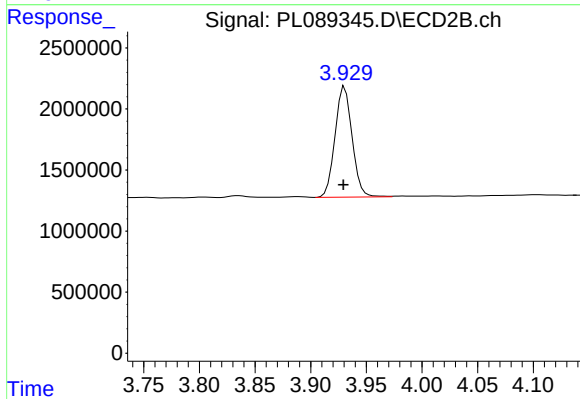
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 18658768
Conc: 10.11 ng/ml



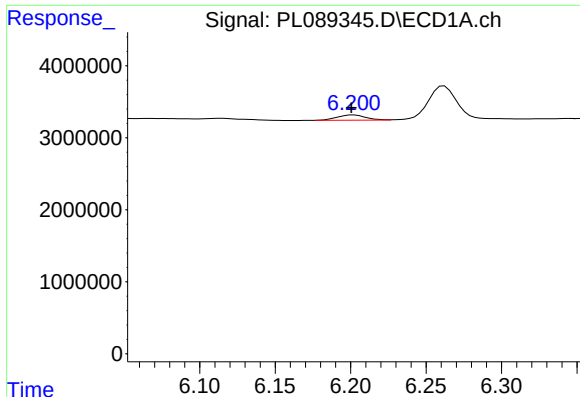
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 14104225
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 9691204
Conc: 11.87 ng/ml



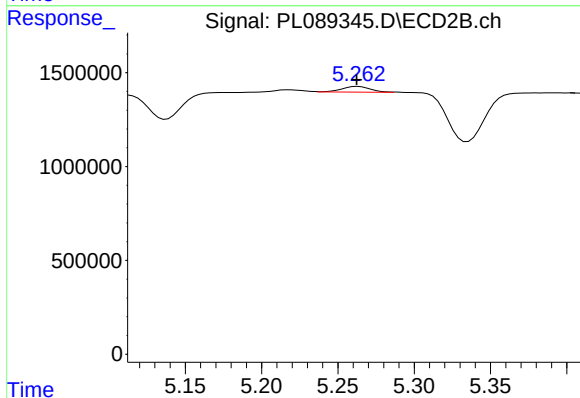
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 974595
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

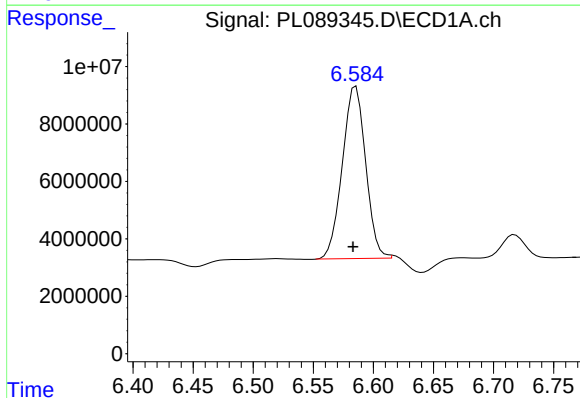
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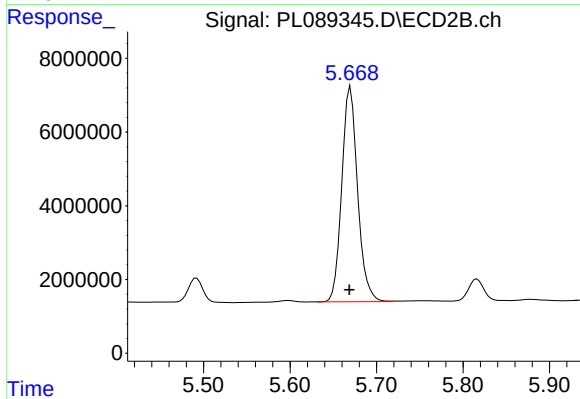
#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 403080
Conc: 0.28 ng/ml m



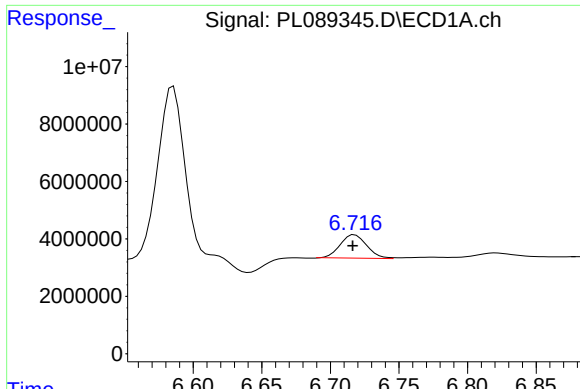
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 81071182
Conc: 42.80 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 73593027
Conc: 51.19 ng/ml



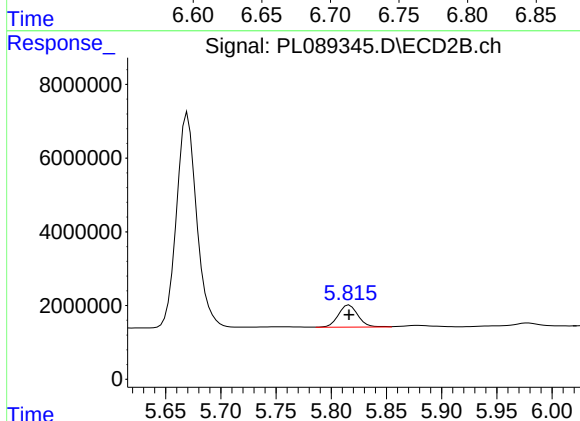
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 10985999
Conc: 6.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

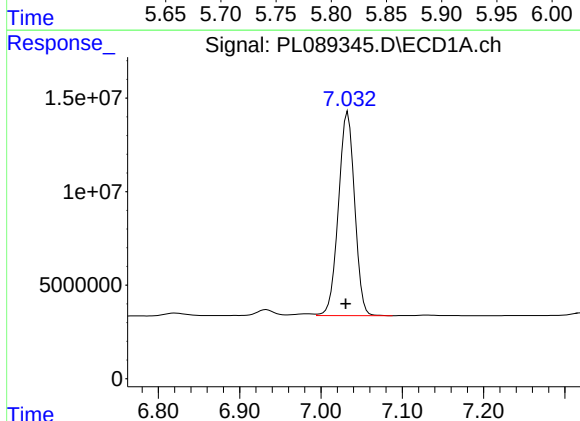
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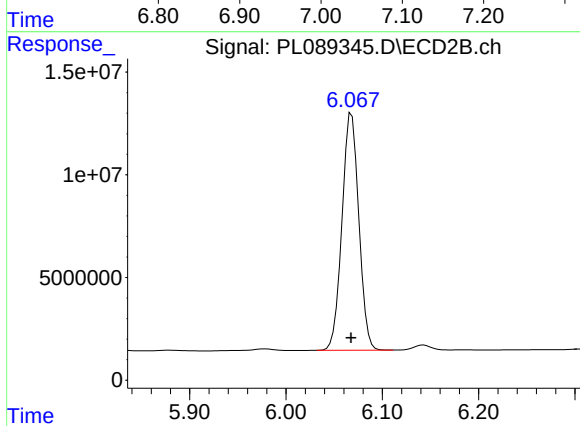
#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 7514920
Conc: 6.09 ng/ml



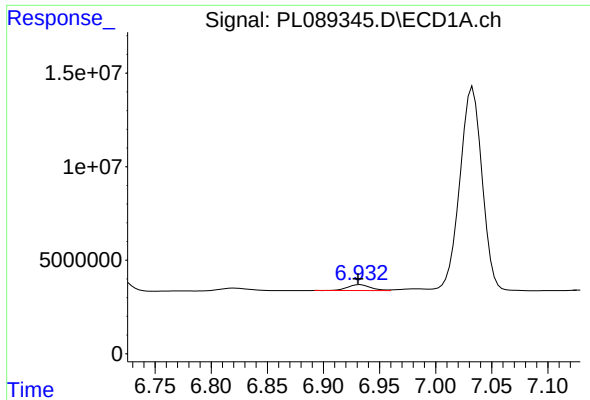
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 150329713
Conc: 81.75 ng/ml



#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 139762674
Conc: 103.30 ng/ml



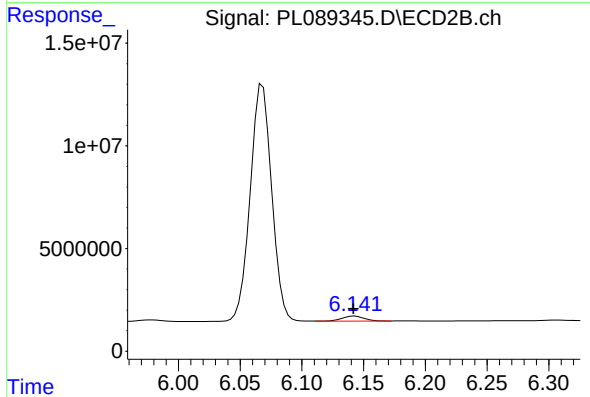
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 4497020
Conc: 2.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

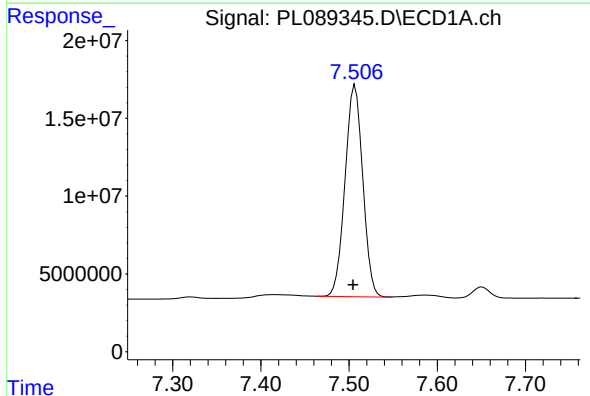
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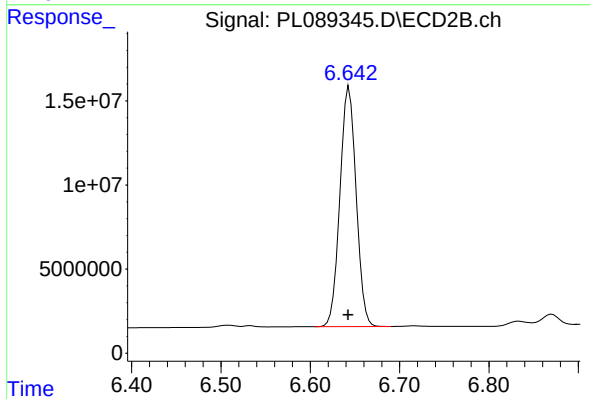
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 2997983
Conc: 2.70 ng/ml



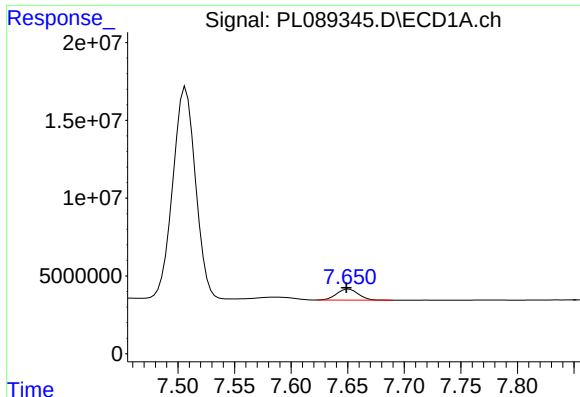
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 189984903
Conc: 193.19 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 179559513
Conc: 224.57 ng/ml



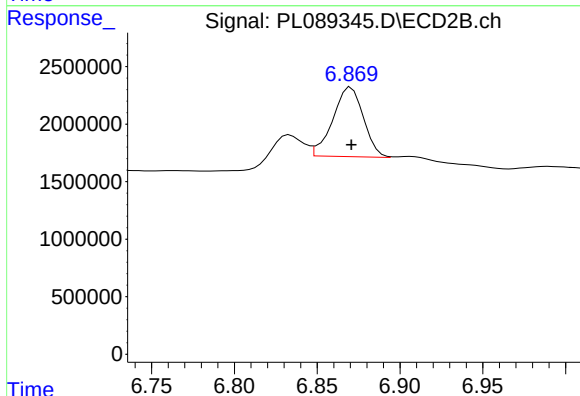
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 9458204
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

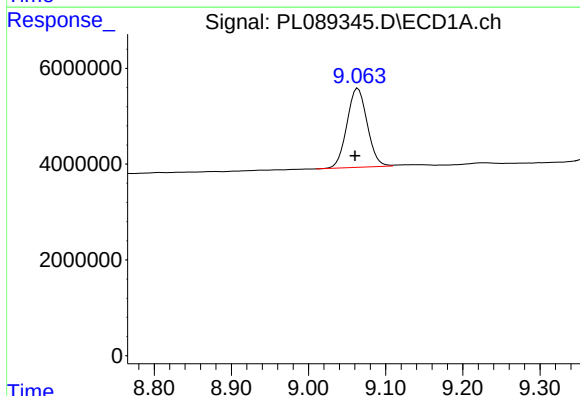
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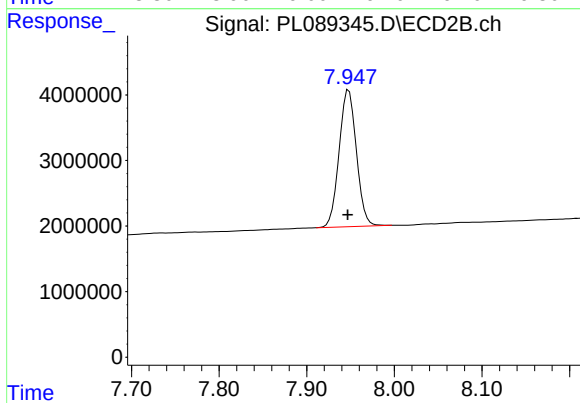
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 7702718
Conc: 4.82 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.004 min
Response: 30056784
Conc: 21.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.001 min
Response: 28637121
Conc: 21.29 ng/ml