

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090923\
 Data File : PL085182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 12:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/08/2023
 Supervised By : Ankita Jodhani 09/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 17:55:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.476	2.684	47308864	21615530	19.342	19.025
28)	SA Decachlor...	9.027	7.864	33608135	25641521	20.899	19.263
Target Compounds							
2)	A alpha-BHC	3.933	3.188	32863174	14828581	9.537	9.067
3)	MA gamma-BHC...	4.268	3.519	31812200	13990647	9.583	8.766
6)	B beta-BHC	4.468	3.821	15953873	7062969	11.288	10.409
14)	MA Endrin	6.526	5.558	92100177	58319672	44.586	45.626
16)	A 4,4'-DDD	6.669	5.718	2924217	1668094	1.899	1.588
17)	MA 4,4'-DDT	6.985	5.971	169.0E6	120.4E6	100.295	103.270
18)	B Endrin al...	6.879	6.039	2289225	3525359	1.489	3.451 #
20)	A Methoxychlor	7.467	6.556	211.0E6	156.1E6	232.182	231.978
21)	B Endrin ke...	7.597	6.767	5200774	4022740	2.655m	2.727

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

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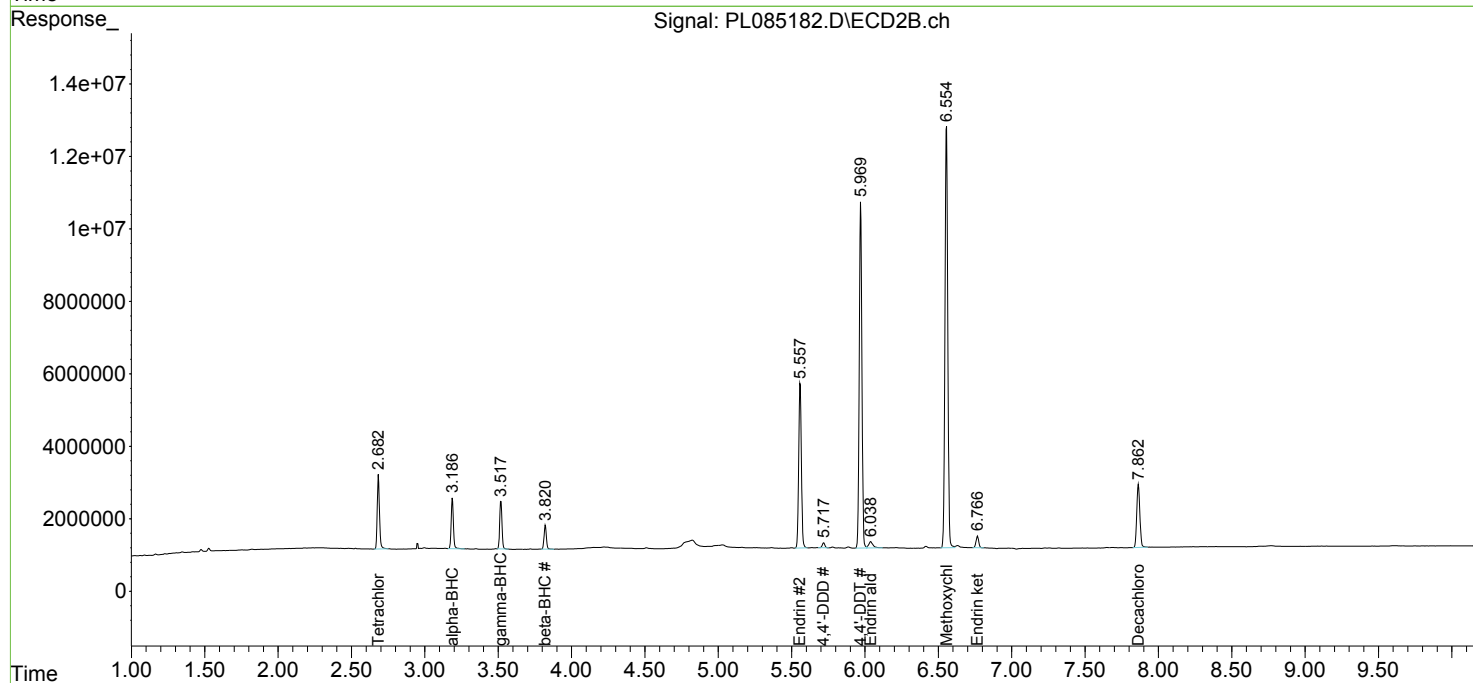
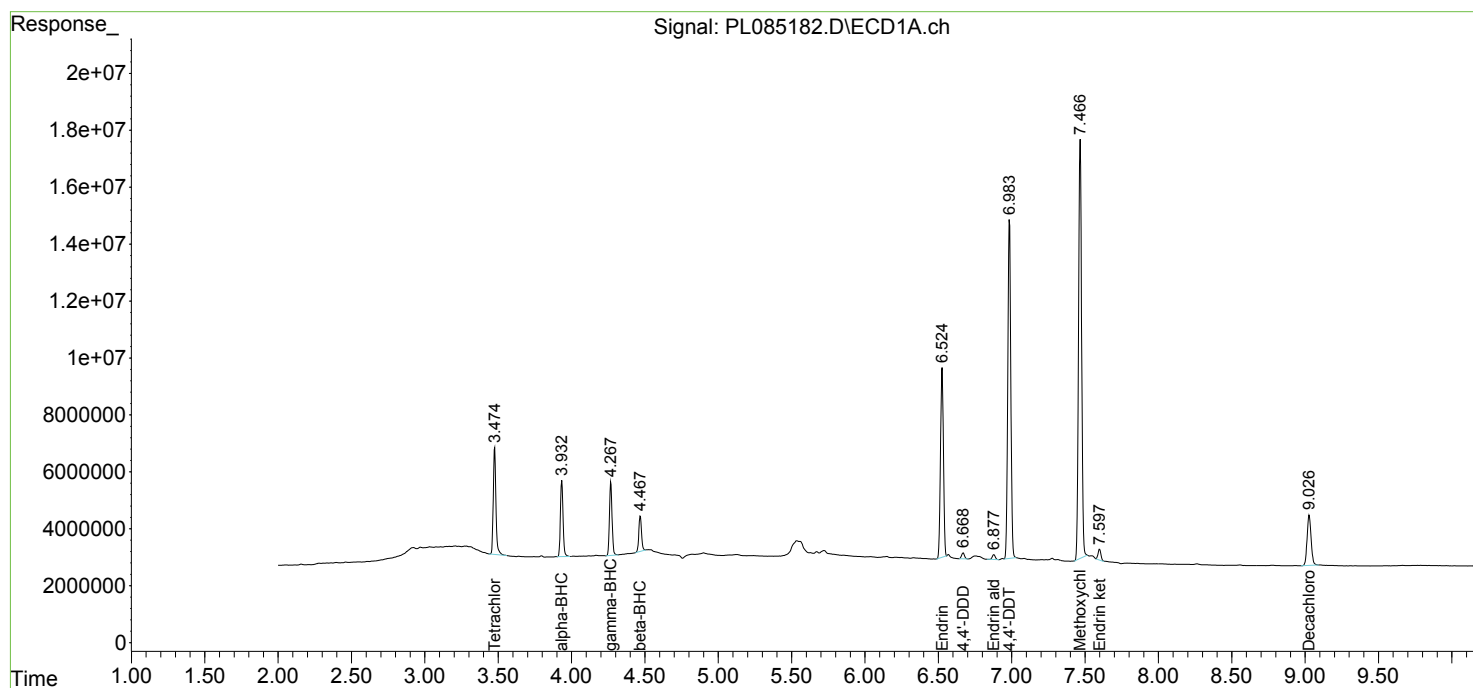
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ECD_L
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PEM

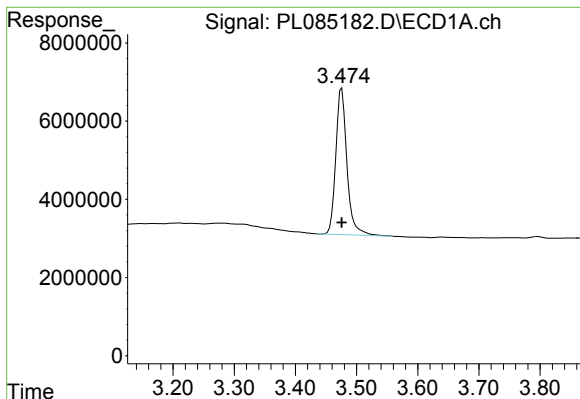
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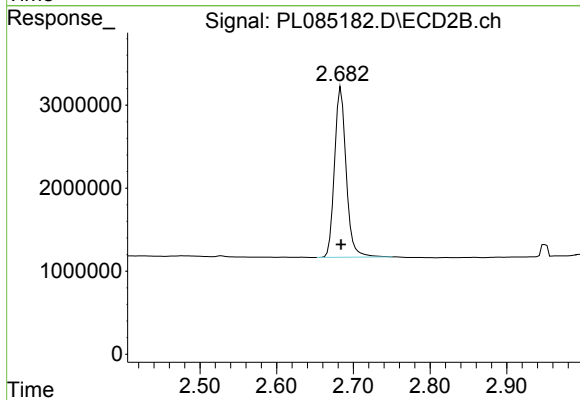
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 47308864
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

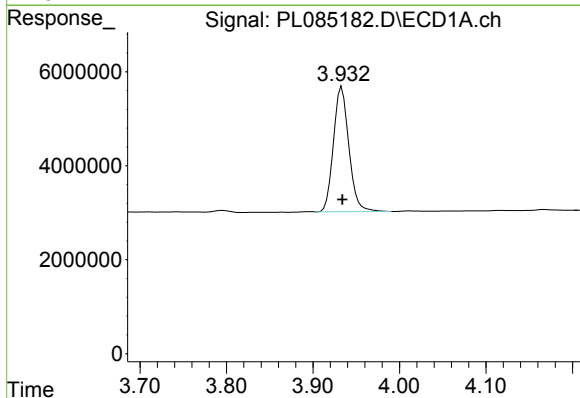
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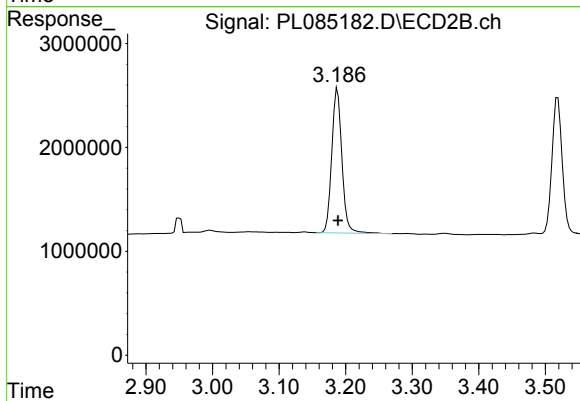
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 21615530
Conc: 19.02 ng/ml



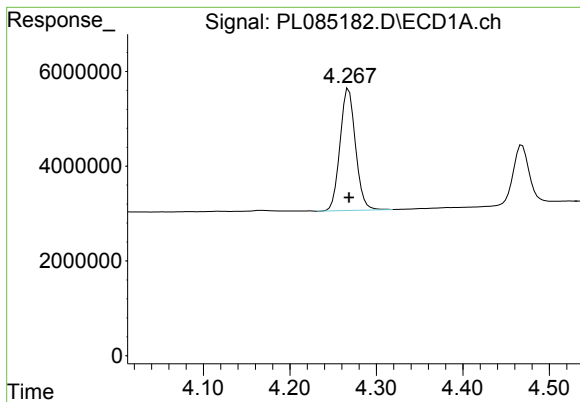
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 32863174
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 14828581
Conc: 9.07 ng/ml



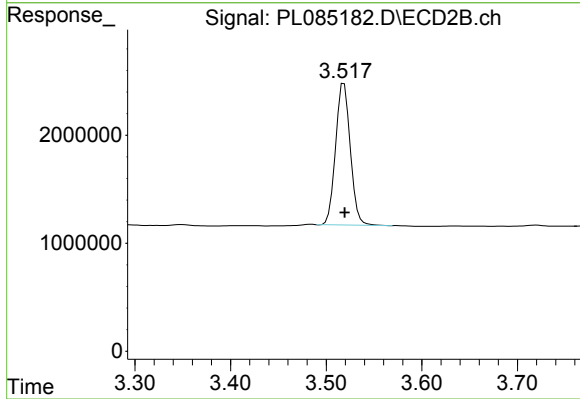
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 31812200
Conc: 9.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

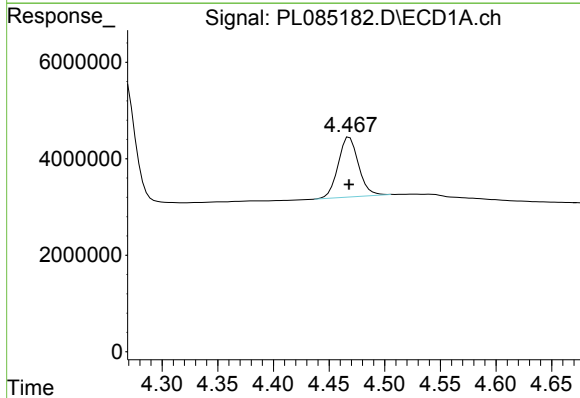
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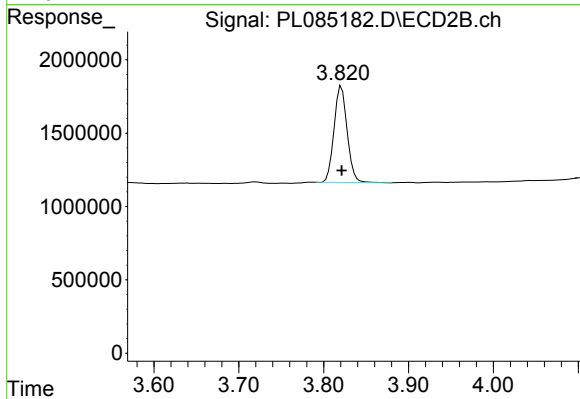
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 13990647
Conc: 8.77 ng/ml



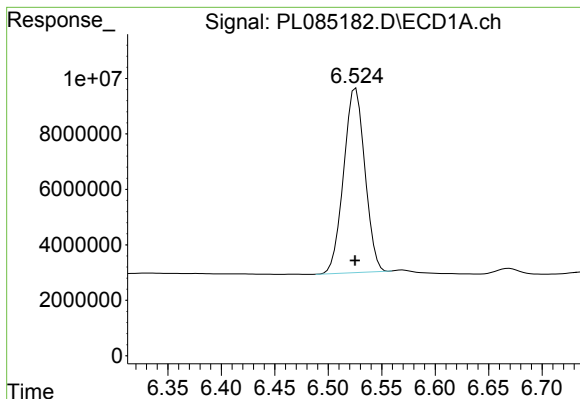
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 15953873
Conc: 11.29 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 7062969
Conc: 10.41 ng/ml



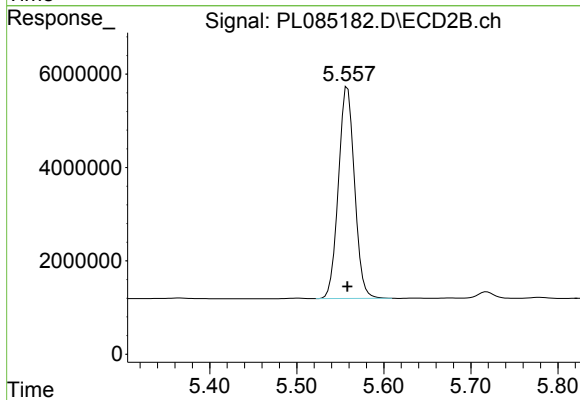
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 92100177
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

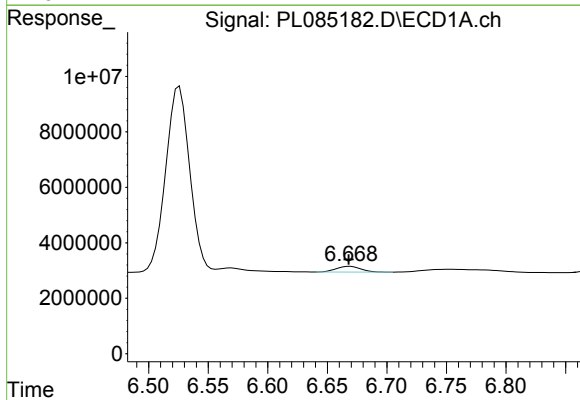
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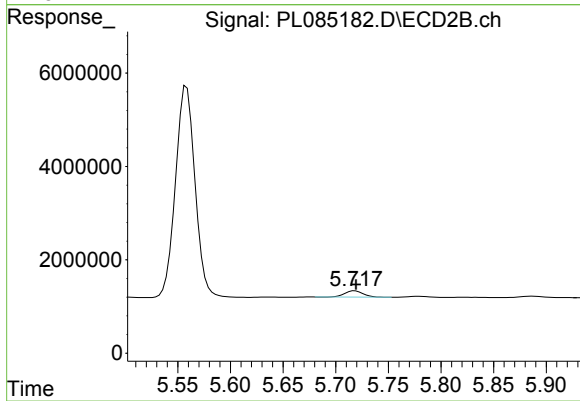
#14 Endrin

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 58319672
Conc: 45.63 ng/ml



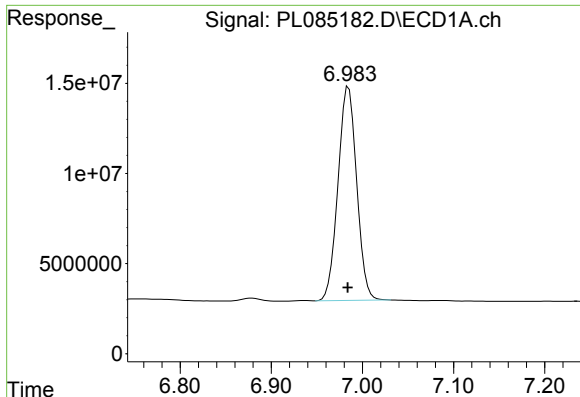
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.001 min
Response: 2924217
Conc: 1.90 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1668094
Conc: 1.59 ng/ml



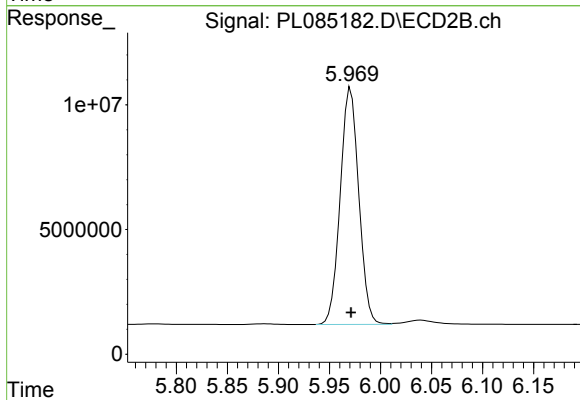
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 168955813
Conc: 100.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

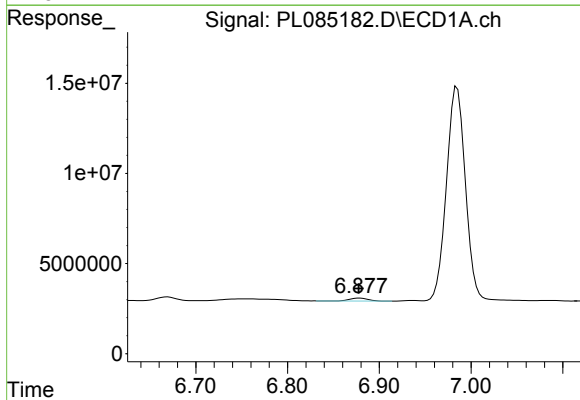
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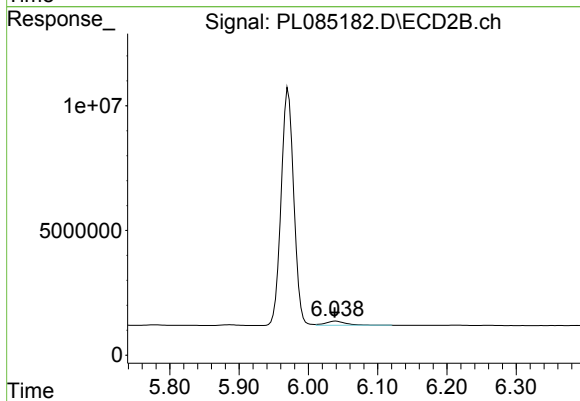
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 120396418
Conc: 103.27 ng/ml



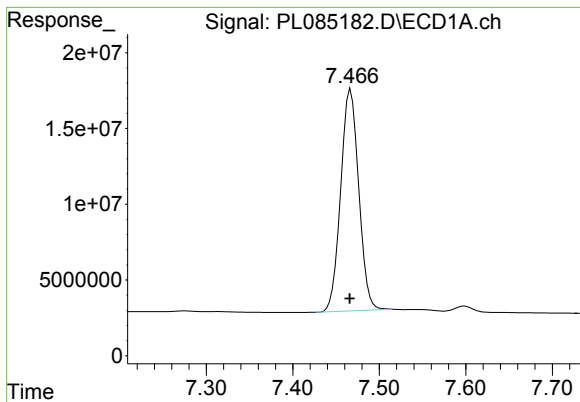
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.001 min
Response: 2289225
Conc: 1.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.001 min
Response: 3525359
Conc: 3.45 ng/ml



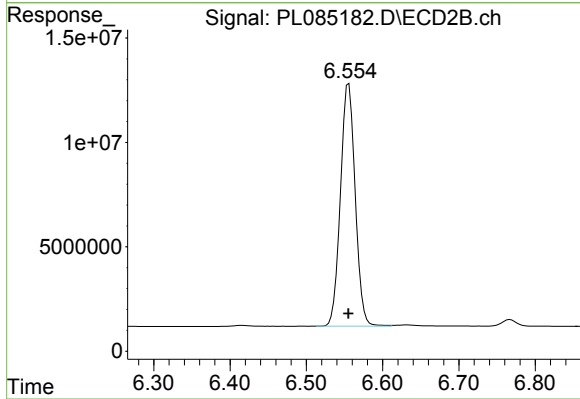
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.001 min
Response: 210961807
Conc: 232.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

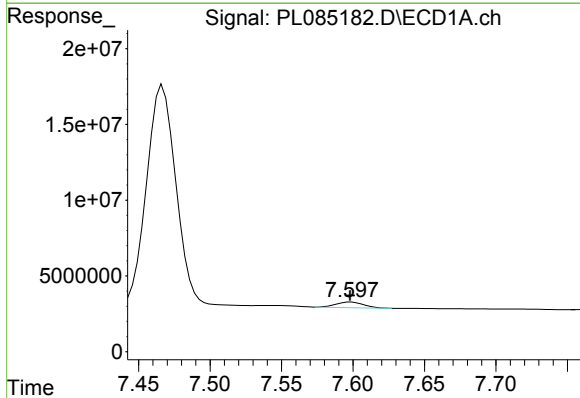
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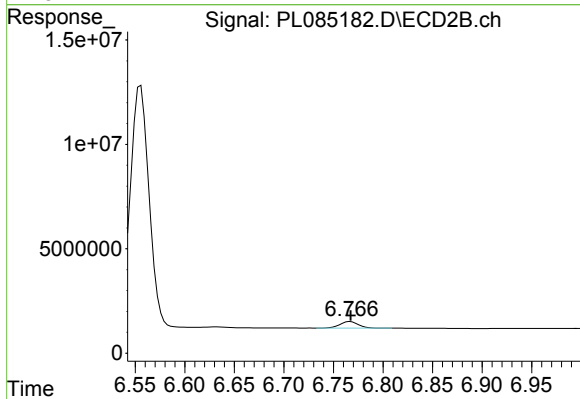
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 156055871
Conc: 231.98 ng/ml



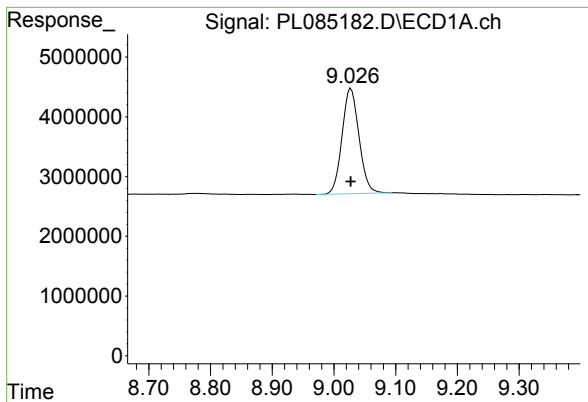
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 5200774
Conc: 2.65 ng/ml m



#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 4022740
Conc: 2.73 ng/ml



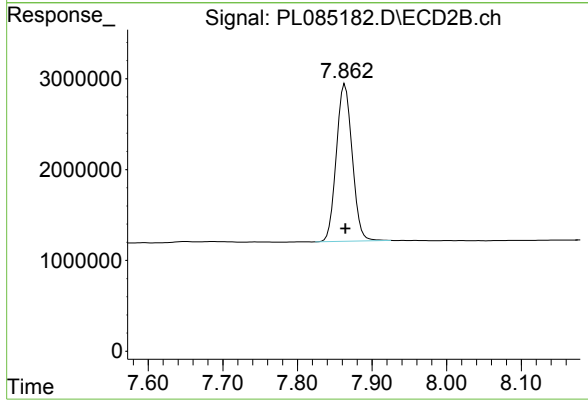
#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 33608135
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 25641521
Conc: 19.26 ng/ml