

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
 Data File : PL085295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 08:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 18:46:15 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	2.683	50720952	22881484	20.737	20.139
28)	SA Decachlor...	9.025	7.860	34626079	24971329	21.532	18.760
Target Compounds							
2)	A alpha-BHC	3.934	3.188	35042176	15782811	10.169	9.650
3)	MA gamma-BHC...	4.268	3.518	33936252	14907271	10.223	9.340
6)	B beta-BHC	4.468	3.821	16390393	7550893	11.597	11.128
14)	MA Endrin	6.526	5.557	95718167	61868288	46.338	48.402
16)	A 4,4'-DDD	6.666	5.717	3972930	2198334	2.580m	2.092
17)	MA 4,4'-DDT	6.983	5.969	170.2E6	119.3E6	101.015	102.331
18)	B Endrin al...	6.873	6.037	1747931	3109810	1.137m	3.045m#
20)	A Methoxychlor	7.465	6.553	225.6E6	155.7E6	248.272	231.393
21)	B Endrin ke...	7.594	6.763	5016048	3353885	2.561m	2.274m

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

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Acq On : 13 Sep 2023 08:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

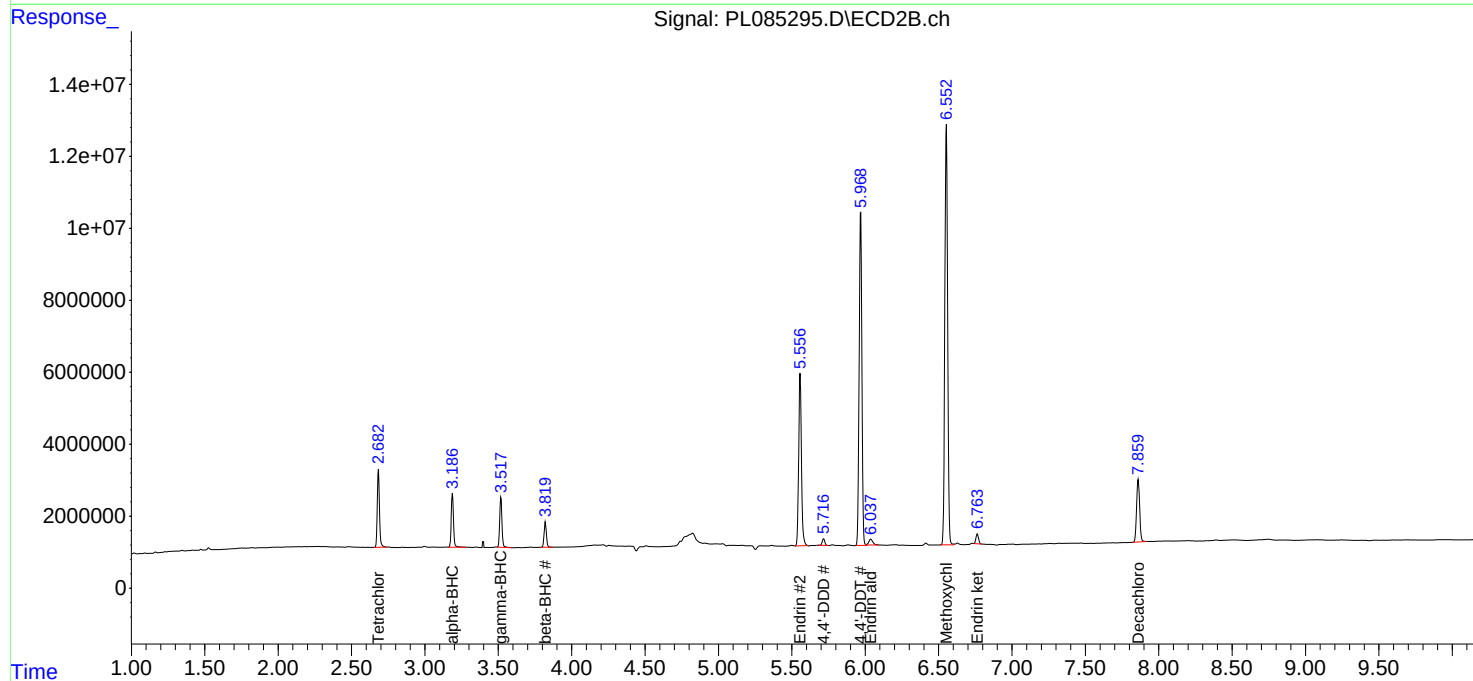
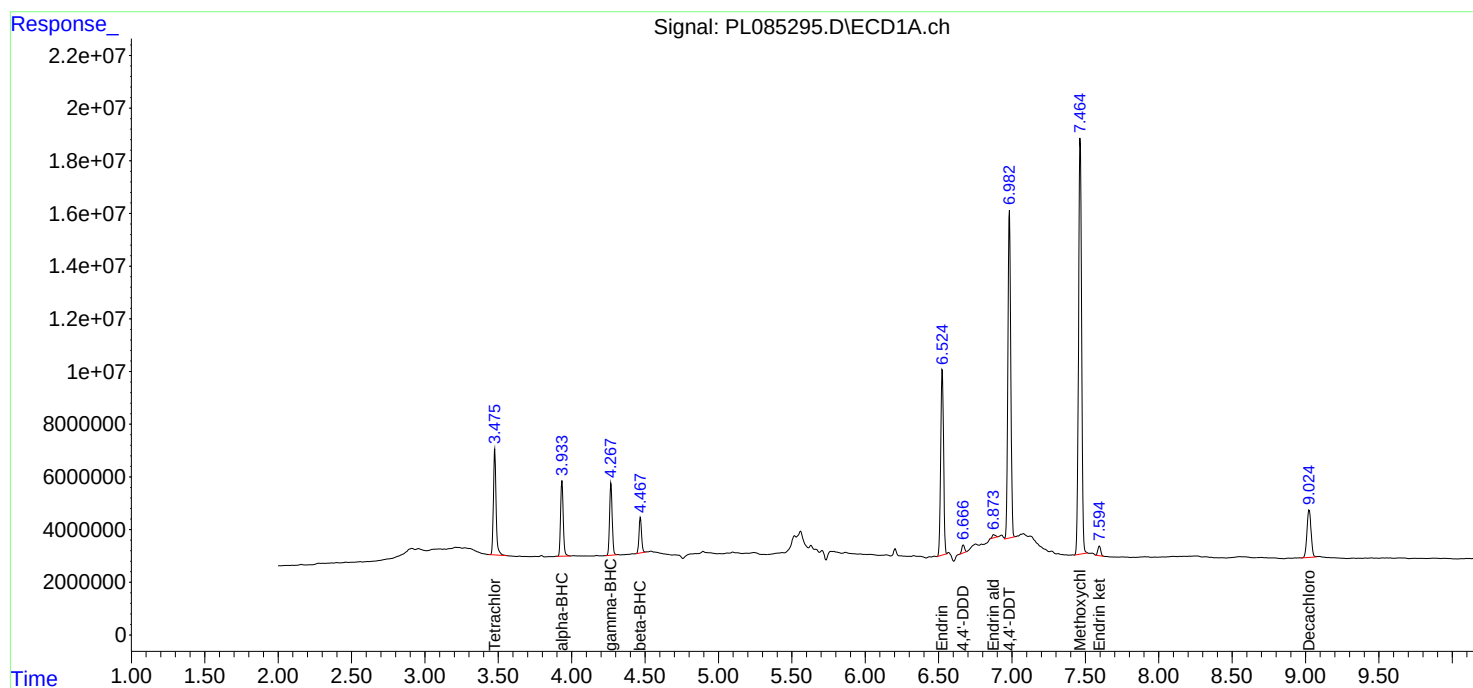
Instrument :
ECD_L
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PEM

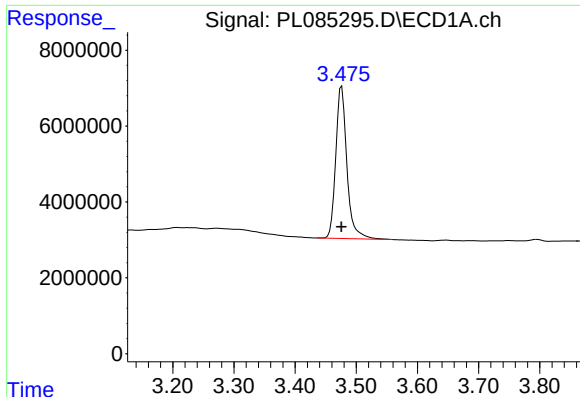
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 18:46:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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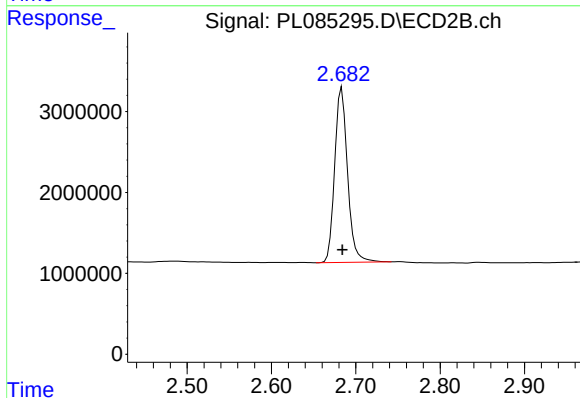
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 50720952
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

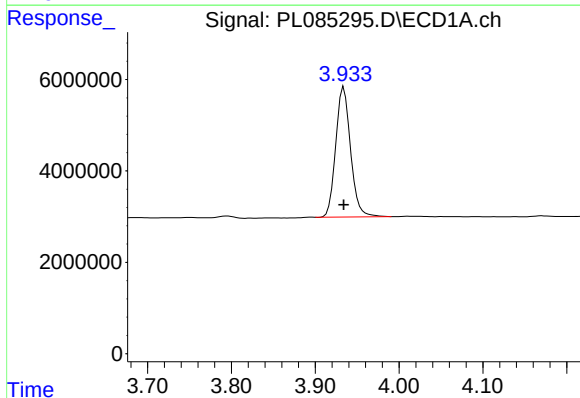
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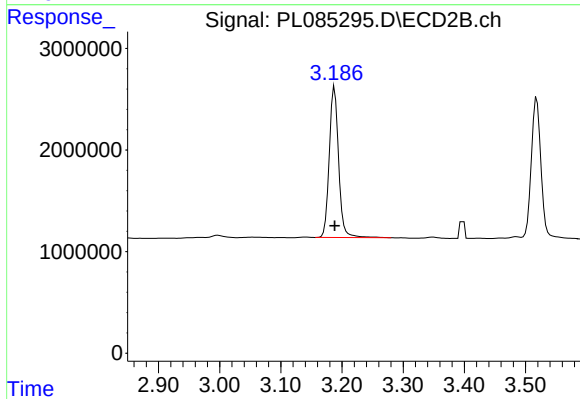
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: 0.000 min
Response: 22881484
Conc: 20.14 ng/ml



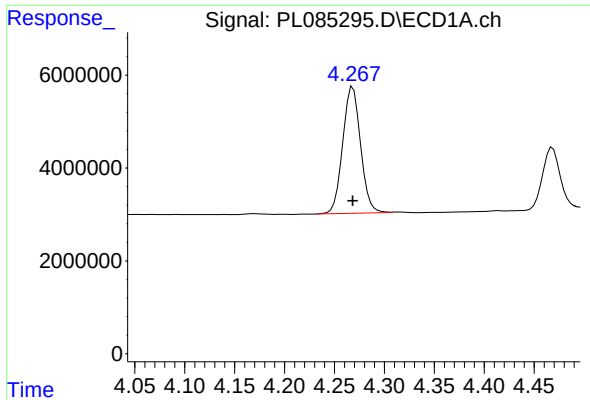
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 35042176
Conc: 10.17 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 15782811
Conc: 9.65 ng/ml



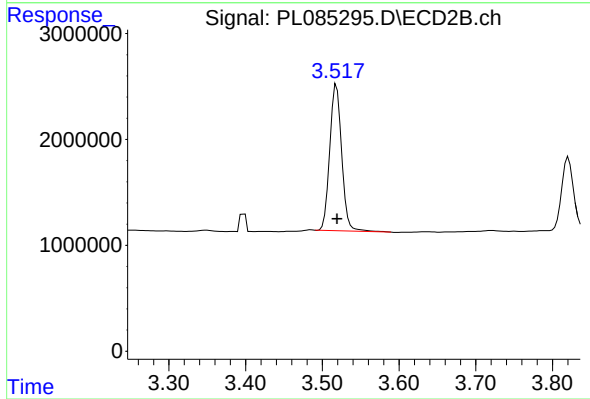
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 33936252
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

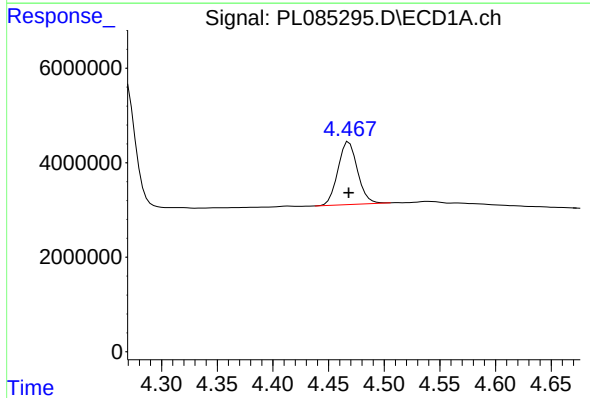
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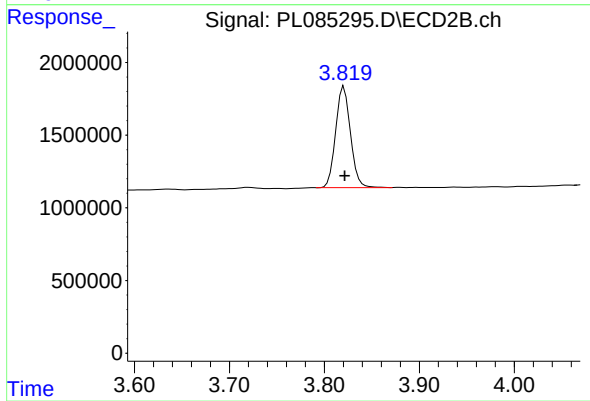
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: 0.000 min
Response: 14907271
Conc: 9.34 ng/ml



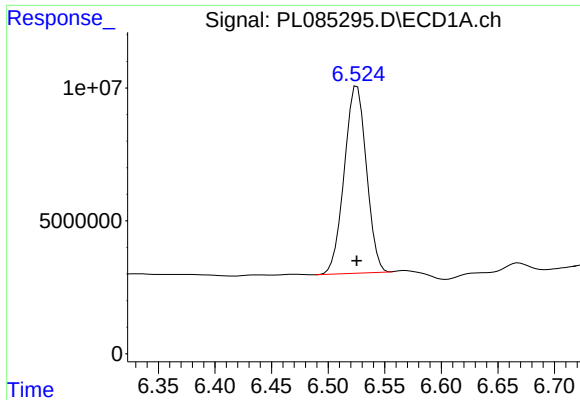
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 16390393
Conc: 11.60 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 7550893
Conc: 11.13 ng/ml



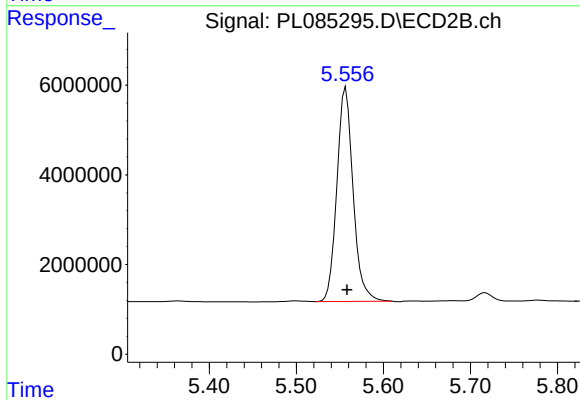
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 95718167
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

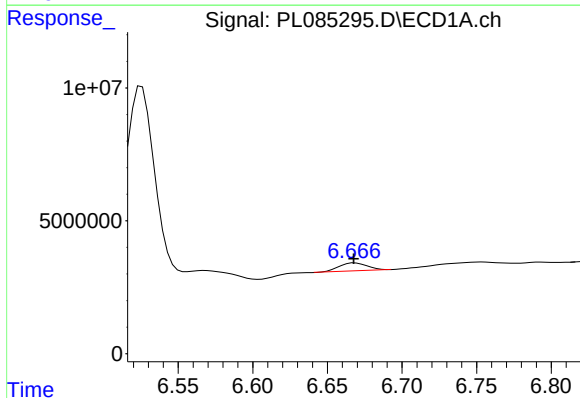
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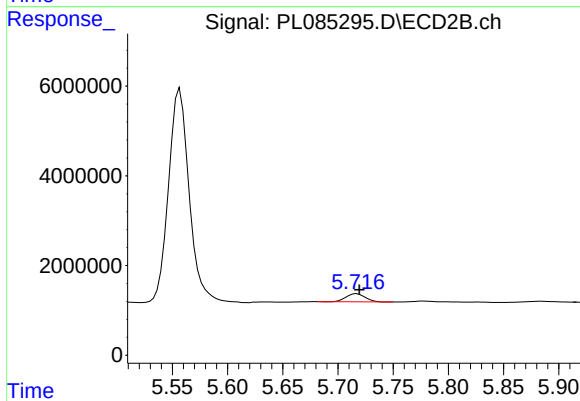
#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.001 min
Response: 61868288
Conc: 48.40 ng/ml



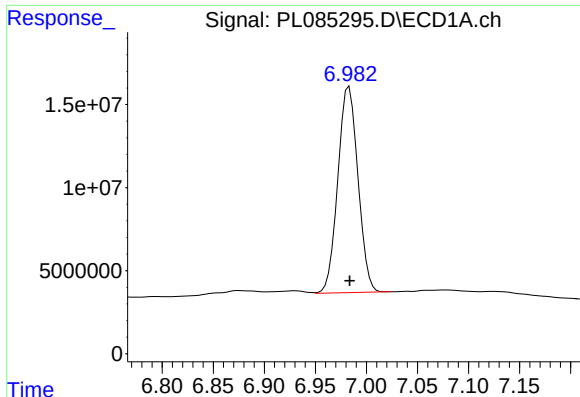
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 3972930
Conc: 2.58 ng/ml m



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 2198334
Conc: 2.09 ng/ml



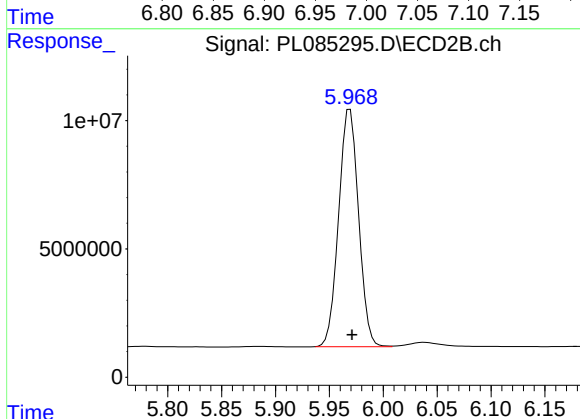
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 170169525
Conc: 101.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

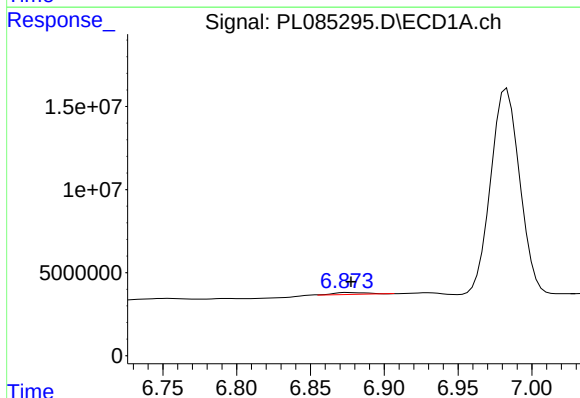
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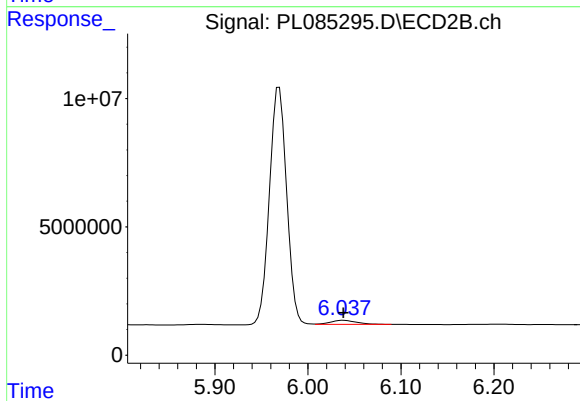
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.002 min
Response: 119302809
Conc: 102.33 ng/ml



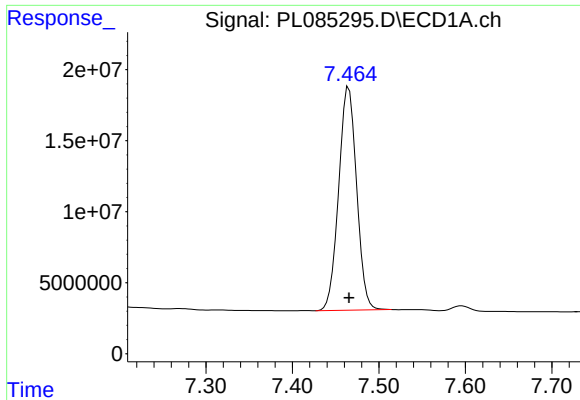
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.005 min
Response: 1747931
Conc: 1.14 ng/ml m



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 3109810
Conc: 3.04 ng/ml m



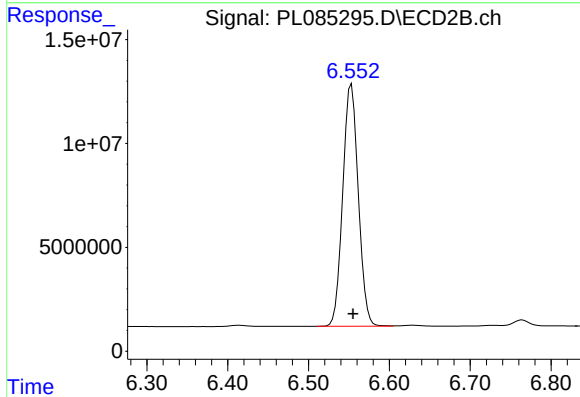
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 225581186
Conc: 248.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

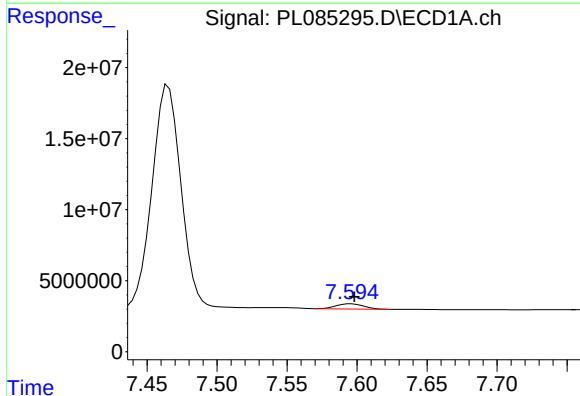
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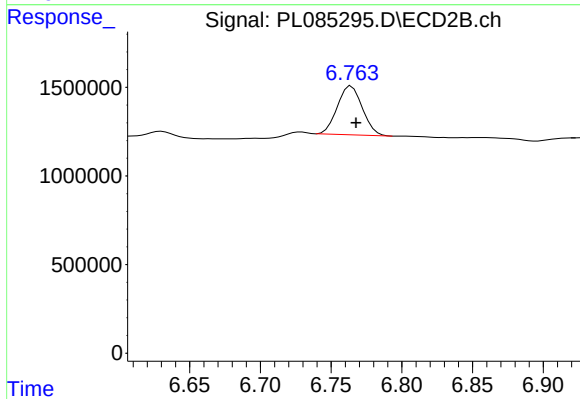
#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 155662166
Conc: 231.39 ng/ml



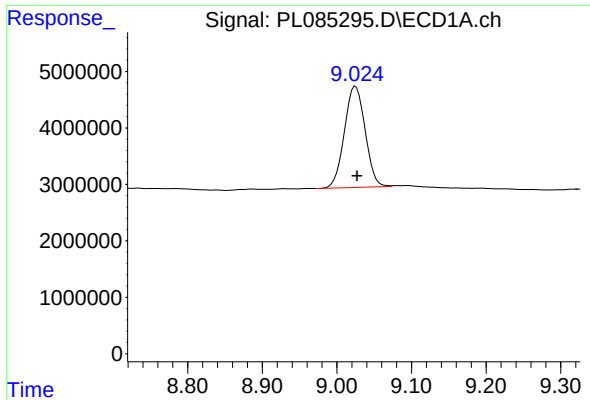
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: -0.004 min
Response: 5016048
Conc: 2.56 ng/ml m



#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.005 min
Response: 3353885
Conc: 2.27 ng/ml m



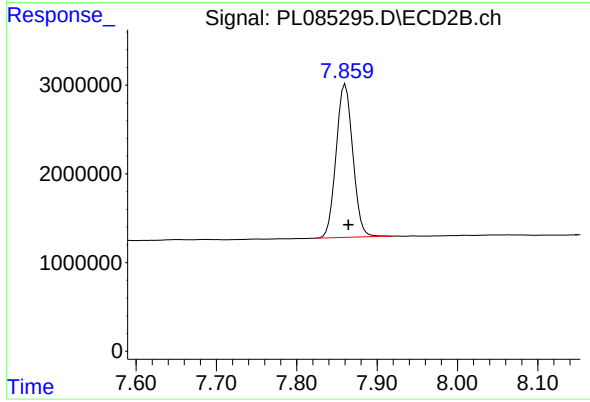
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 34626079
Conc: 21.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.004 min
Response: 24971329
Conc: 18.76 ng/ml