

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100523\
 Data File : PL085709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 08:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 14:13:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.359	2.623	59017432	18036140	19.843	19.308
28)	SA Decachlor...	8.861	7.774	49262420	19943297	22.618	21.607
Target Compounds							
2)	A alpha-BHC	3.813	3.121	40215876	11052363	9.370	8.785
3)	MA gamma-BHC...	4.145	3.449	38401375	10714050	9.291	8.687
6)	B beta-BHC	4.347	3.751	18557272	5776621	11.222	11.096
12)	B 4,4'-DDE	6.020	5.082	2291512	102614	0.819m	0.125m#
14)	MA Endrin	6.391	5.474	132.5E6	42484955	46.507	47.258
16)	A 4,4'-DDD	6.541	5.638	2024102	549830	1.005	0.790
17)	MA 4,4'-DDT	6.855	5.889	257.5E6	88170321	109.242	111.502
18)	B Endrin al...	6.745	5.954	2795987	1889646	1.380	2.534 #
20)	A Methoxychlor	7.340	6.473	335.5E6	124.8E6	240.254	237.161
21)	B Endrin ke...	7.460	6.679	5938777	3033361	2.062m	2.639 #

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

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Acq On : 05 Oct 2023 08:41
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

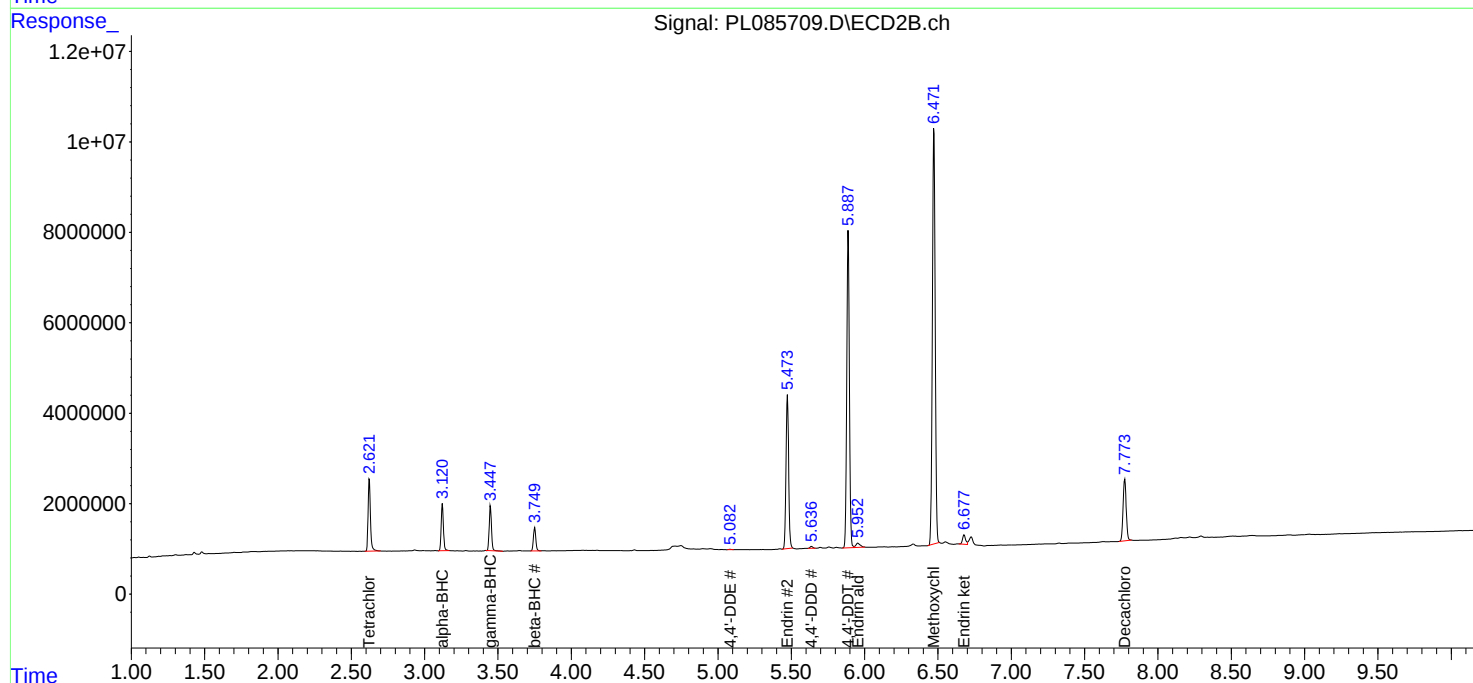
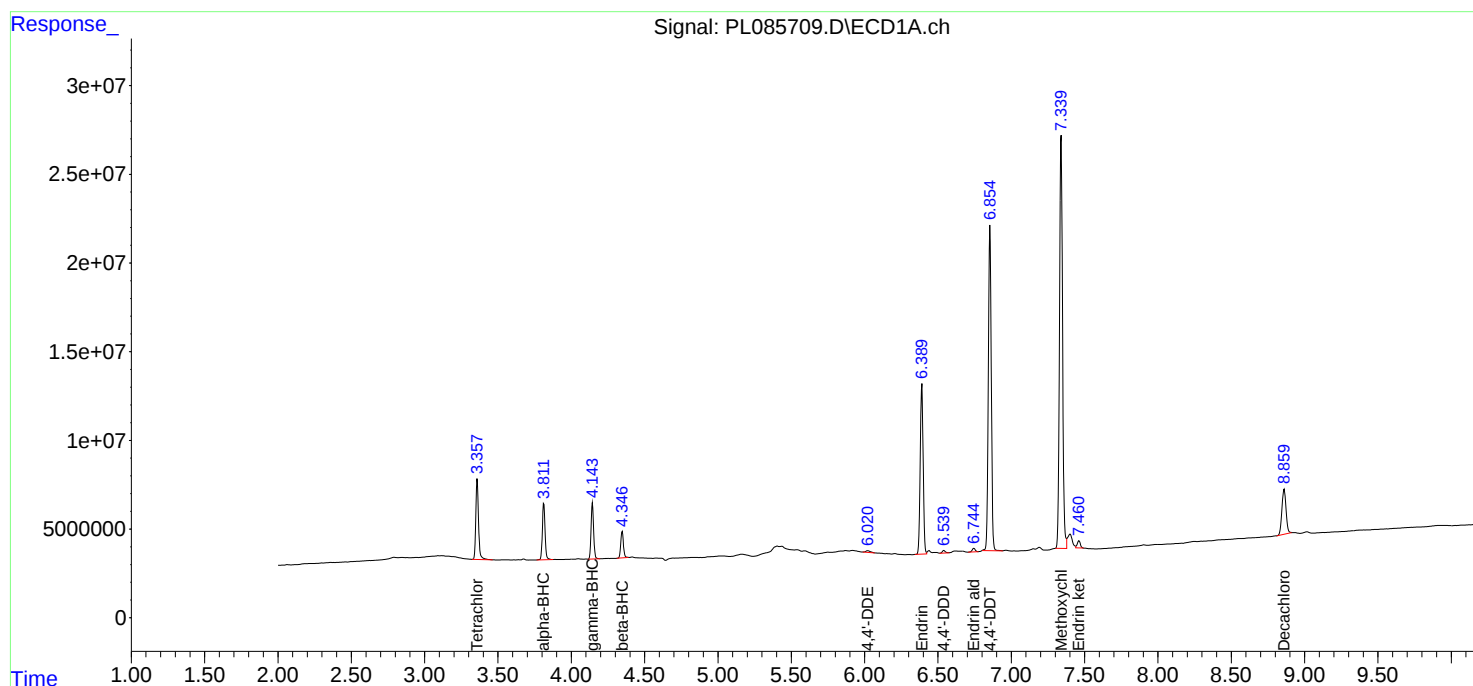
Instrument :
ECD_L
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PEM

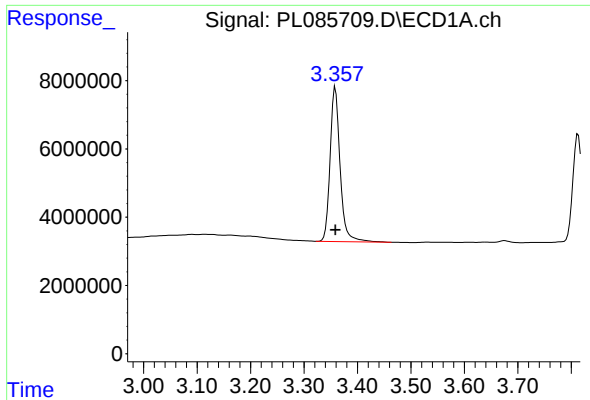
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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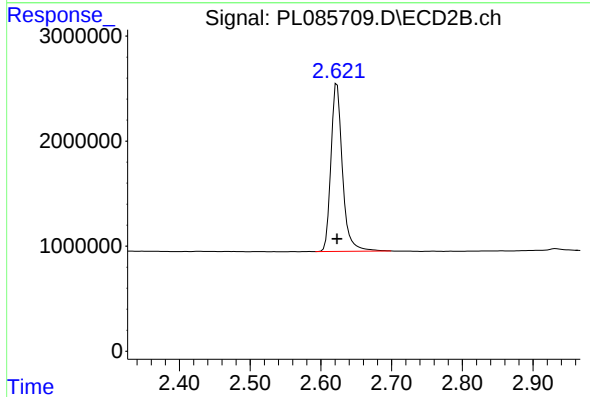
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.000 min
Response: 59017432
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

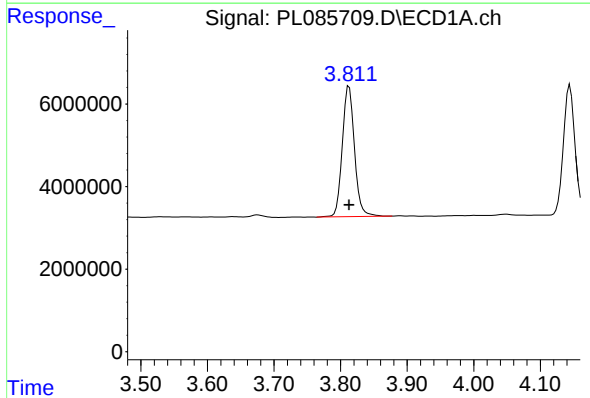
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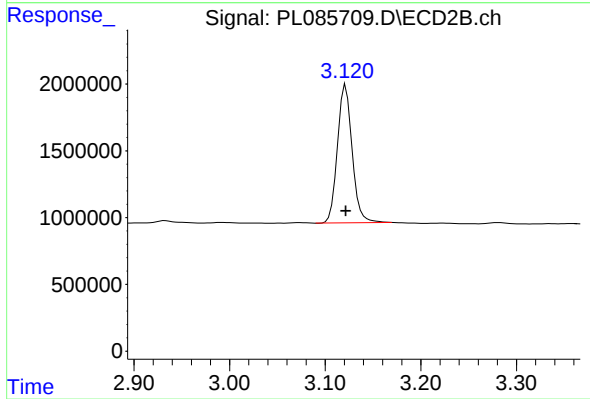
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18036140
Conc: 19.31 ng/ml



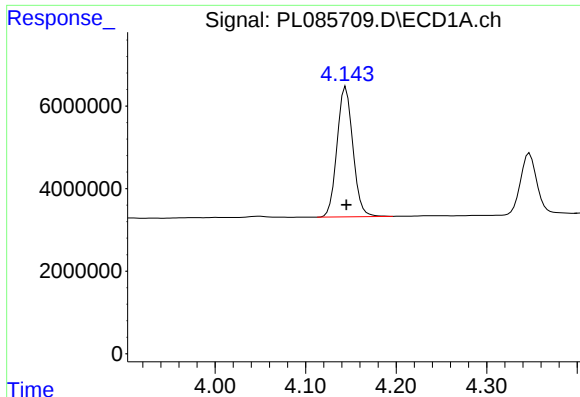
#2 alpha-BHC

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 40215876
Conc: 9.37 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11052363
Conc: 8.78 ng/ml



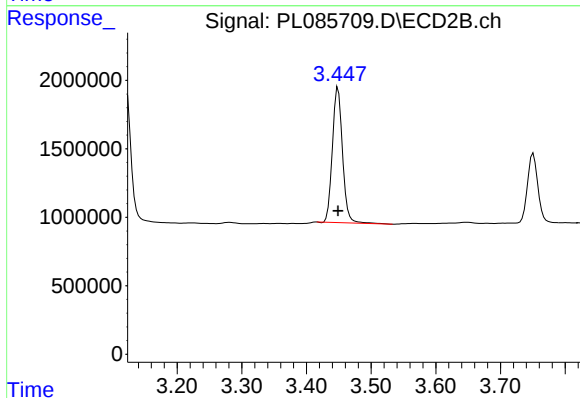
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 38401375
Conc: 9.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

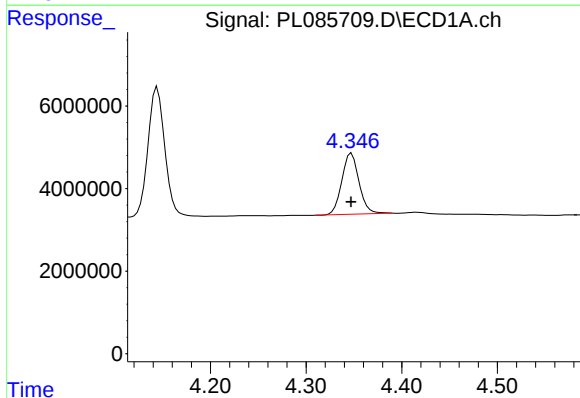
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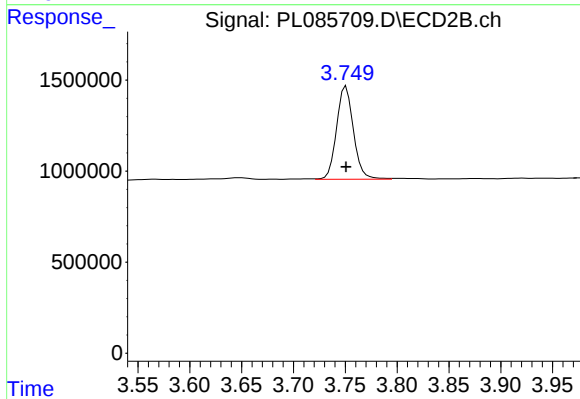
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 10714050
Conc: 8.69 ng/ml



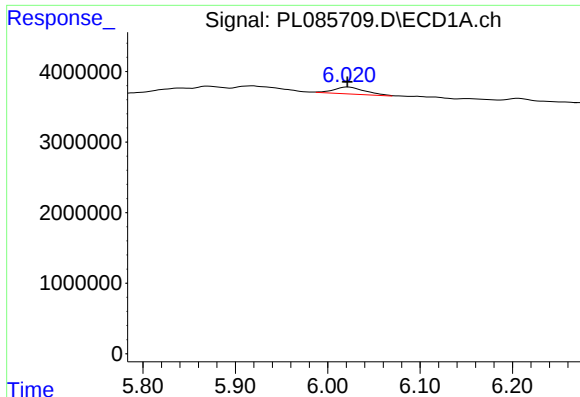
#6 beta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 18557272
Conc: 11.22 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 5776621
Conc: 11.10 ng/ml



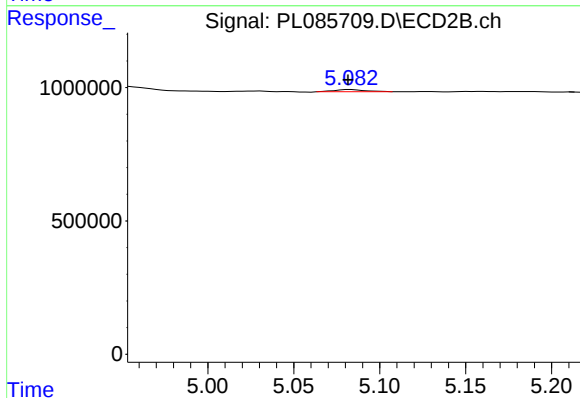
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 2291512
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

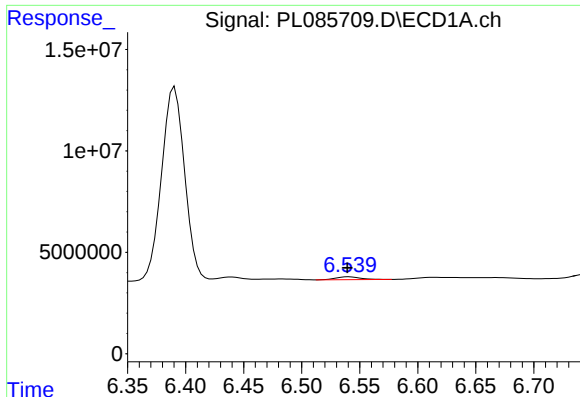
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 102614
Conc: 0.12 ng/ml m

#14 Endrin

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 132533817
Conc: 46.51 ng/ml

#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 42484955
Conc: 47.26 ng/ml



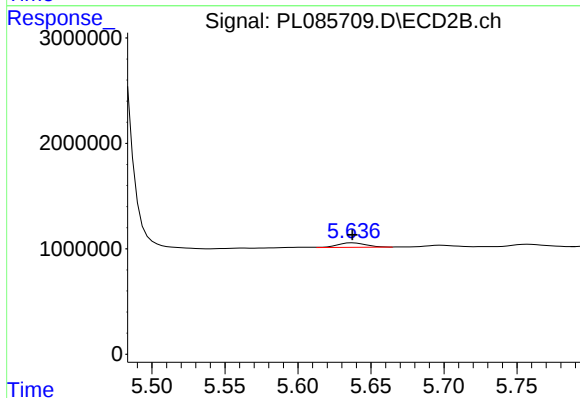
#16 4,4'-DDD

R.T.: 6.541 min
Delta R.T.: 0.001 min
Response: 2024102
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

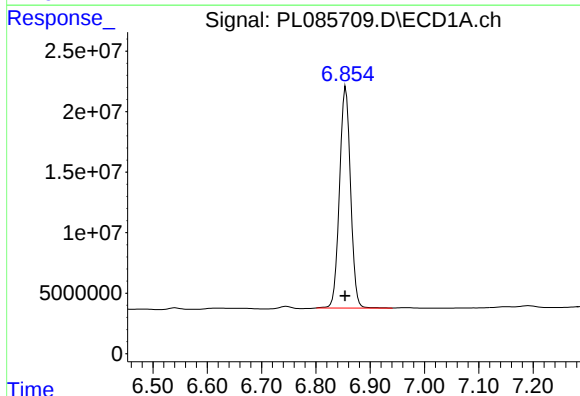
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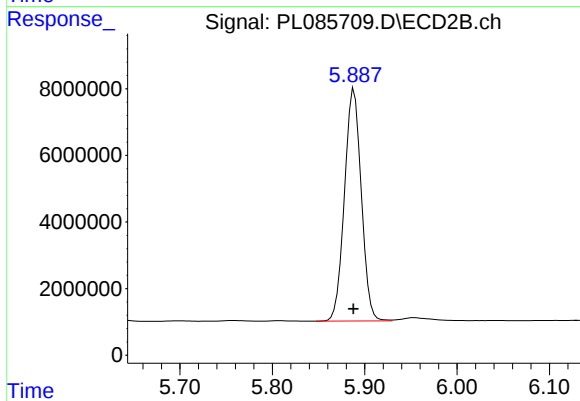
#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 549830
Conc: 0.79 ng/ml



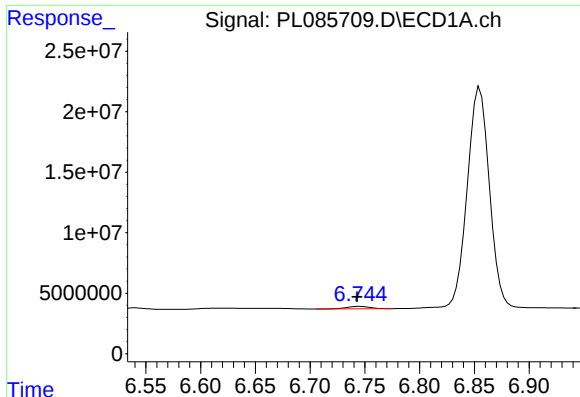
#17 4,4'-DDT

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 257494115
Conc: 109.24 ng/ml



#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 88170321
Conc: 111.50 ng/ml



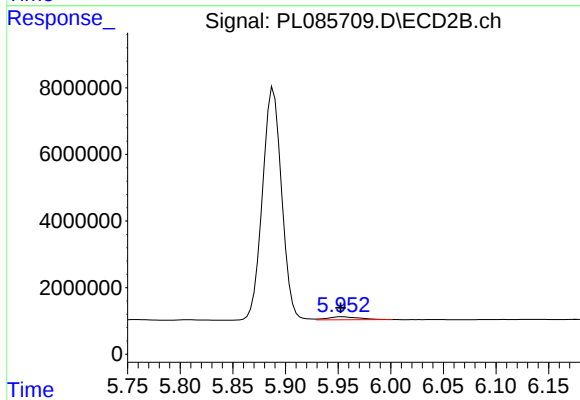
#18 Endrin aldehyde

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 2795987
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

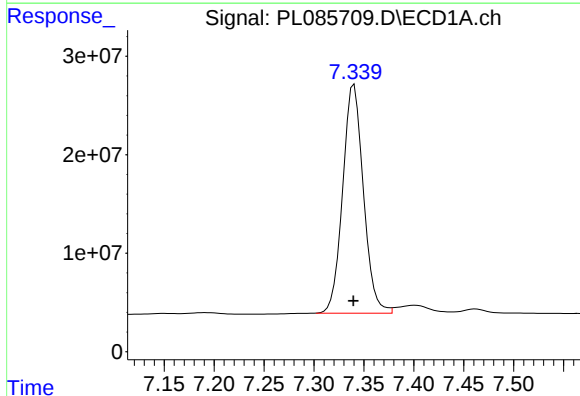
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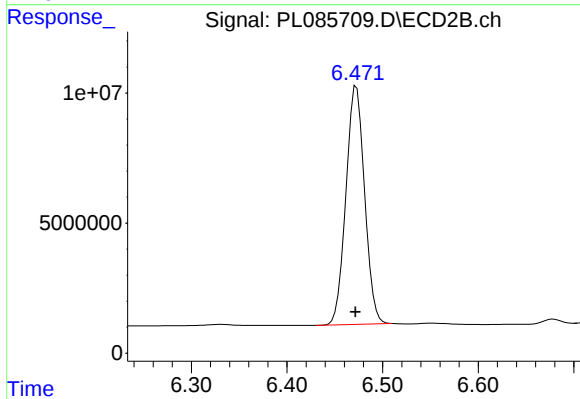
#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 1889646
Conc: 2.53 ng/ml



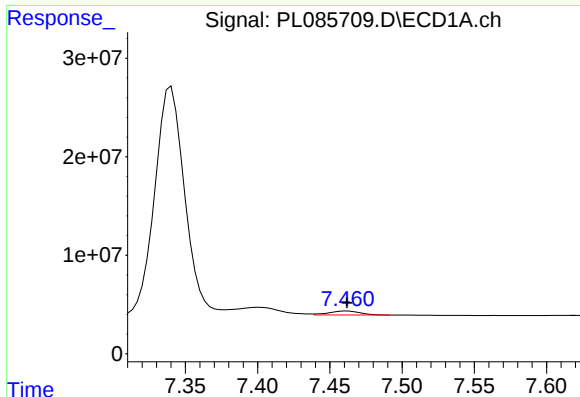
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 335543115
Conc: 240.25 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 124765201
Conc: 237.16 ng/ml



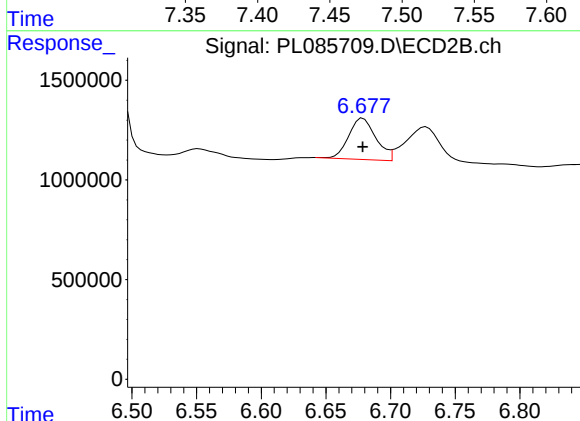
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 5938777
Conc: 2.06 ng/ml

Instrument :
ECD_L
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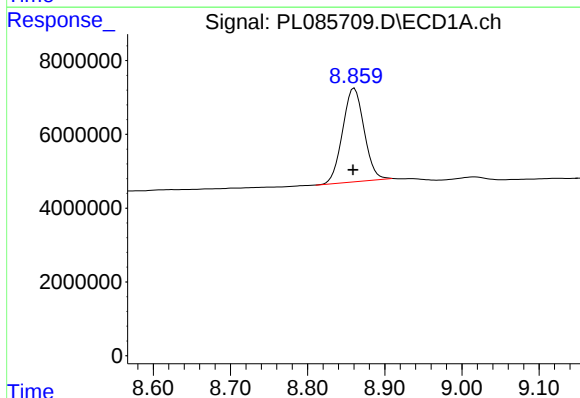
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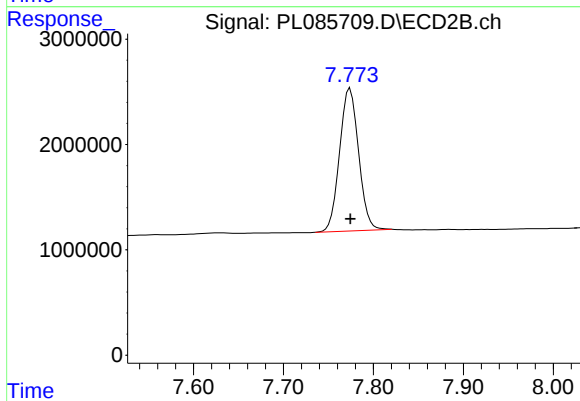
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 3033361
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 49262420
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 19943297
Conc: 21.61 ng/ml