

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083023\
 Data File : PL085082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 08:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/31/2023
 Supervised By : Ankita Jodhani 08/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:13:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.685	51029358	23203526	21.963	21.338
28)	SA Decachlor...	9.032	7.866	35411357	26660480	21.764	21.383
Target Compounds							
2)	A alpha-BHC	3.936	3.189	35246978	16013958	10.676	10.371
3)	MA gamma-BHC...	4.271	3.520	33866242	15201730	10.616	10.004
6)	B beta-BHC	4.470	3.822	16547769	7729892	11.846	11.537
12)	B 4,4'-DDE	6.151	5.162	514002	215389	0.224	0.175
14)	MA Endrin	6.528	5.560	98089108	62705886	44.975	51.263
16)	A 4,4'-DDD	6.671	5.720	4795641	2606366	2.860	2.523
17)	MA 4,4'-DDT	6.987	5.973	183.5E6	128.3E6	97.949	110.539
18)	B Endrin al...	6.880	6.040	3094145	2167944	1.834	2.186
20)	A Methoxychlor	7.469	6.558	222.9E6	161.4E6	232.248	235.296
21)	B Endrin ke...	7.599	6.768	6020202	4664320	3.009m	3.233

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

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Acq On : 30 Aug 2023 08:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

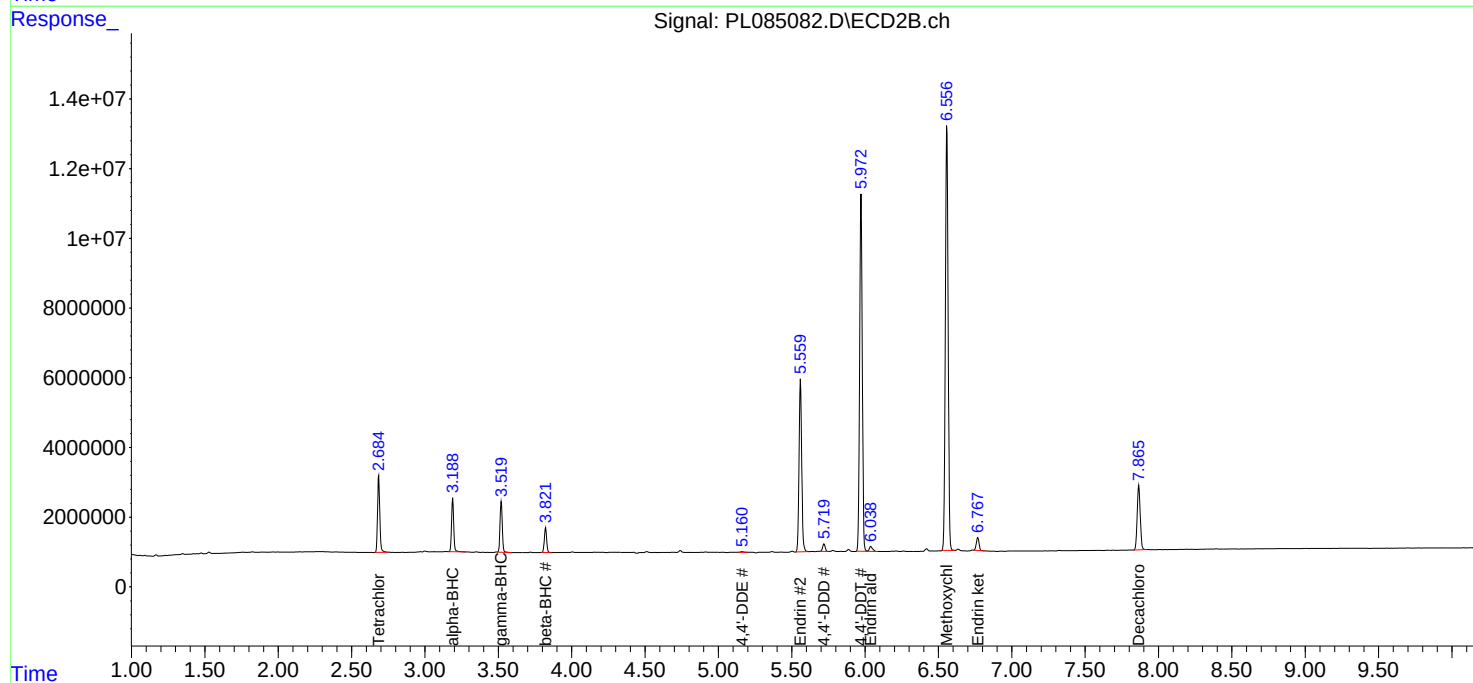
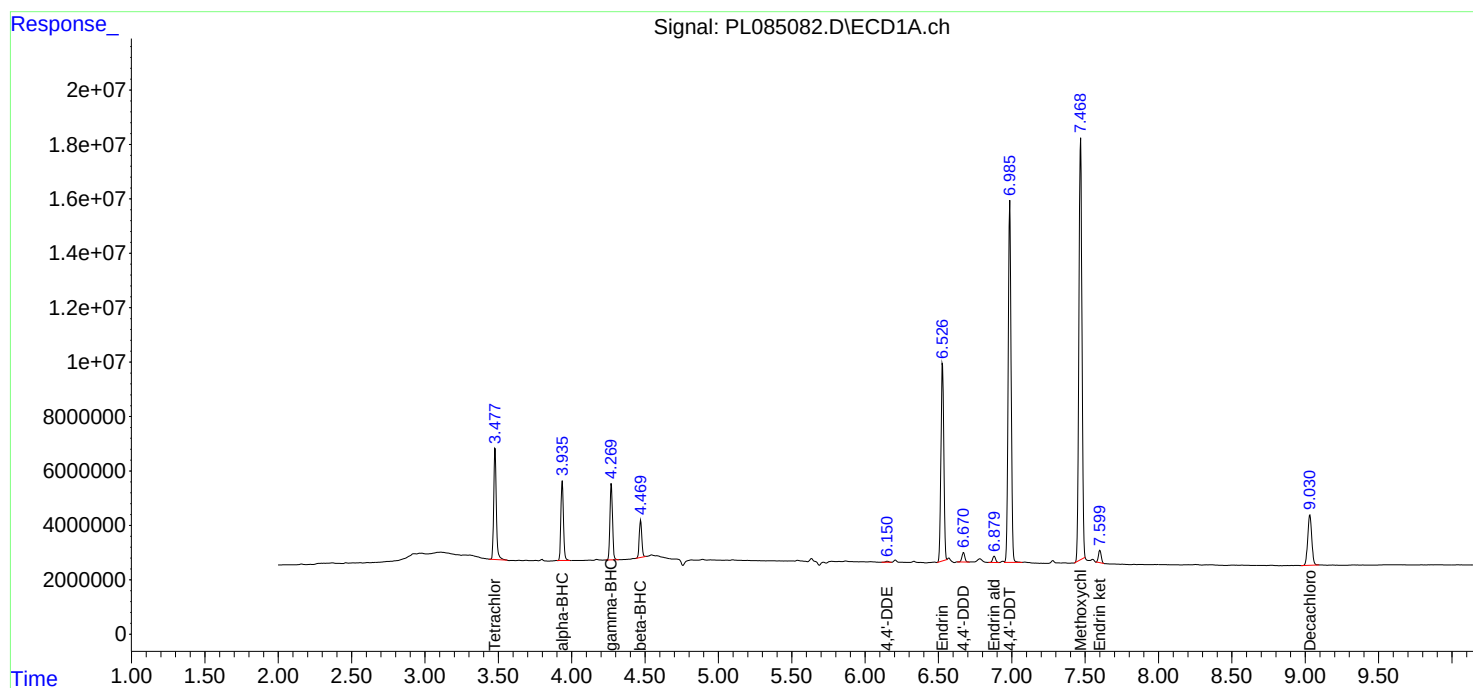
Instrument :
ECD_L
ClientSampleId :
PEM

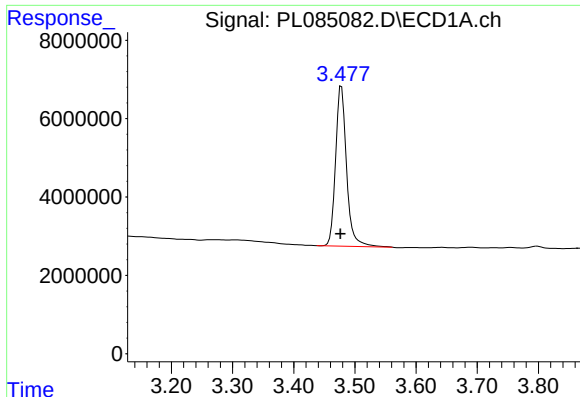
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Integration File signal 1: autoint1.e
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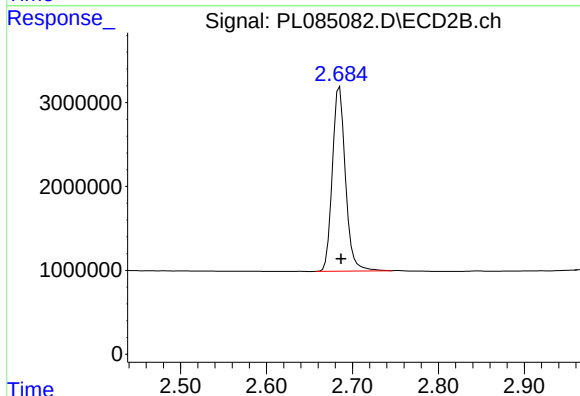
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 51029358
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

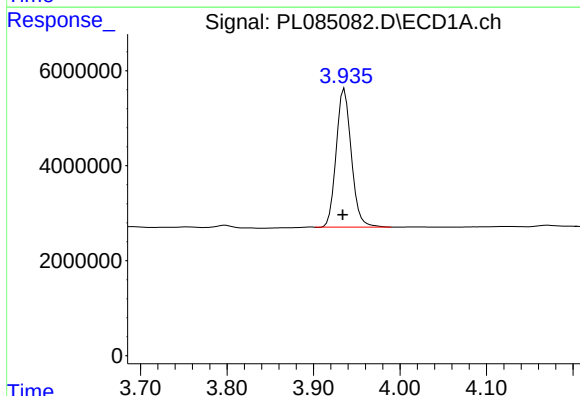
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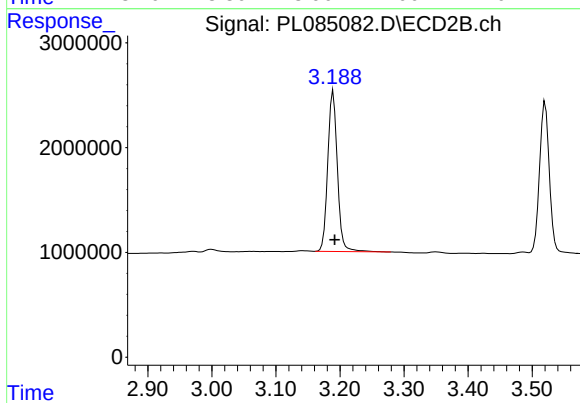
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 23203526
Conc: 21.34 ng/ml



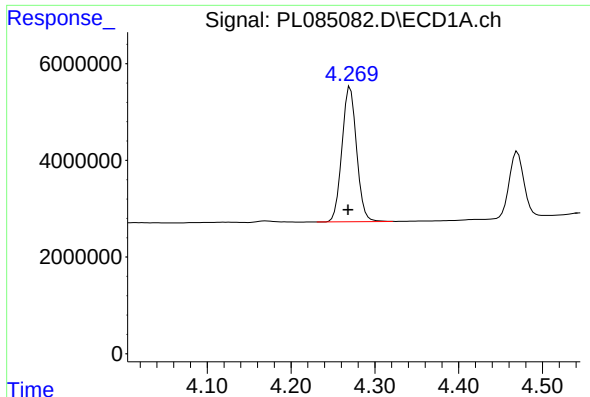
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 35246978
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 16013958
Conc: 10.37 ng/ml



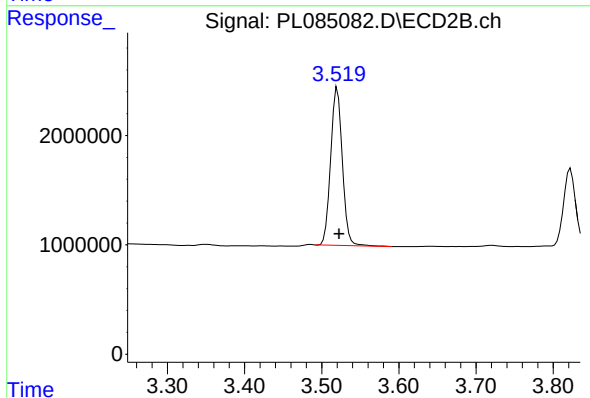
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: 0.002 min
Response: 33866242
Conc: 10.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

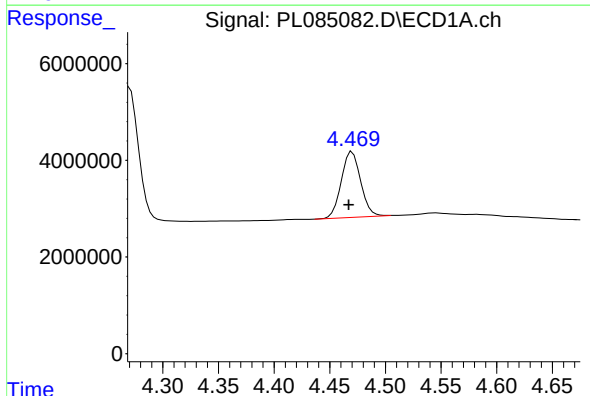
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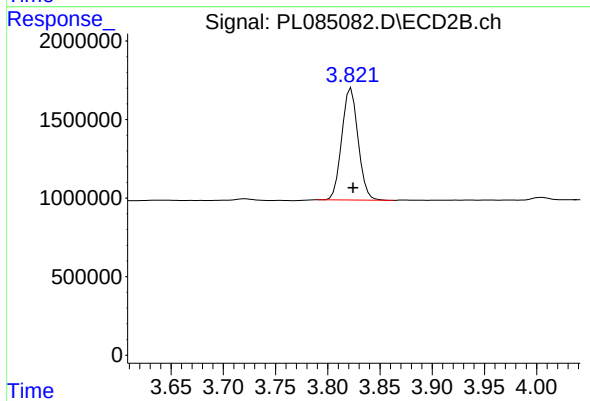
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.002 min
Response: 15201730
Conc: 10.00 ng/ml



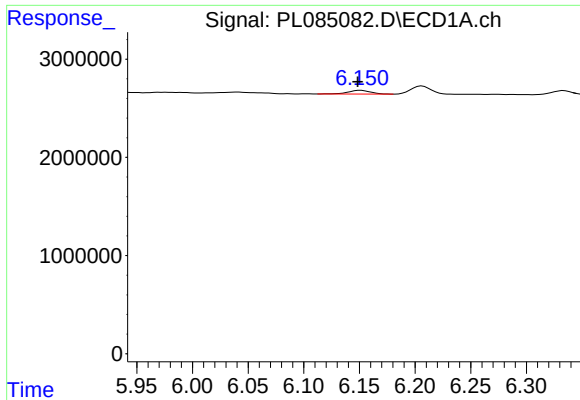
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.003 min
Response: 16547769
Conc: 11.85 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 7729892
Conc: 11.54 ng/ml



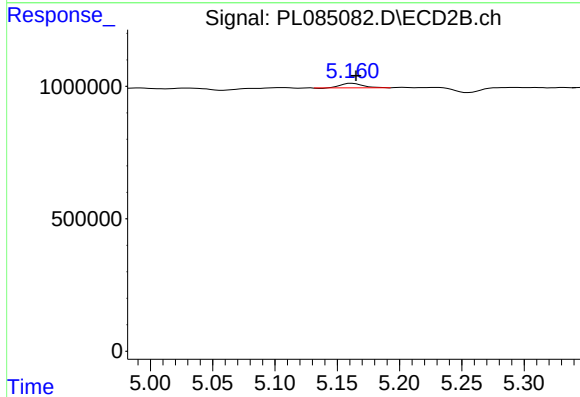
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.003 min
Response: 514002
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

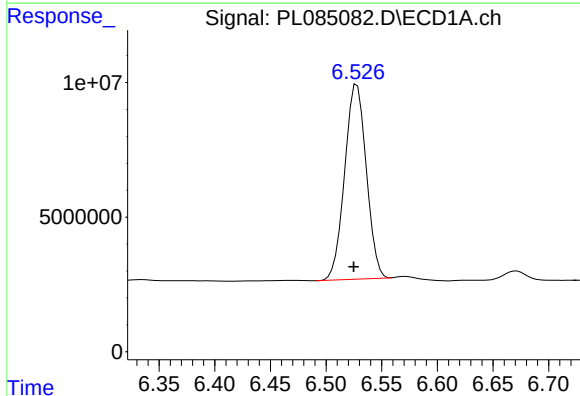
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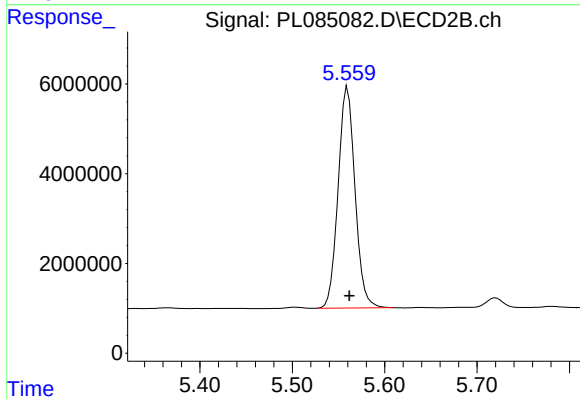
#12 4,4'-DDE

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 215389
Conc: 0.17 ng/ml



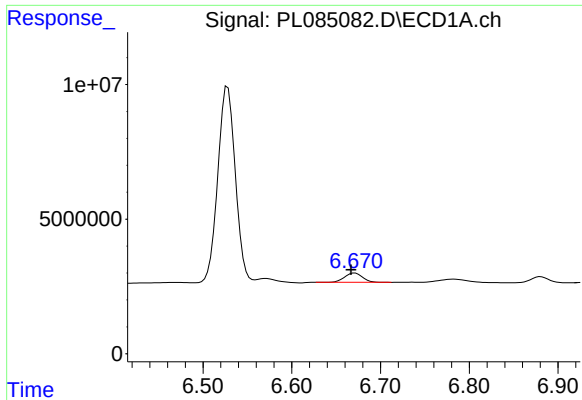
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 98089108
Conc: 44.97 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 62705886
Conc: 51.26 ng/ml



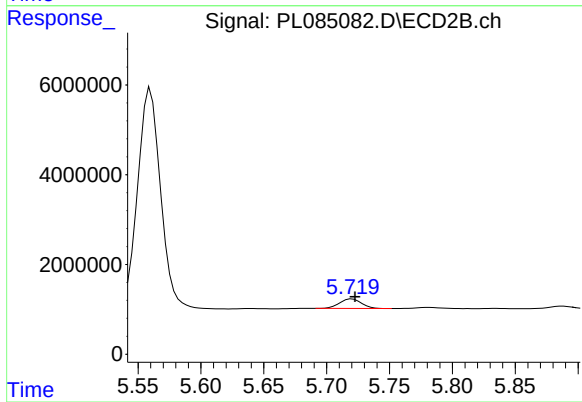
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: 0.004 min
Response: 4795641
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

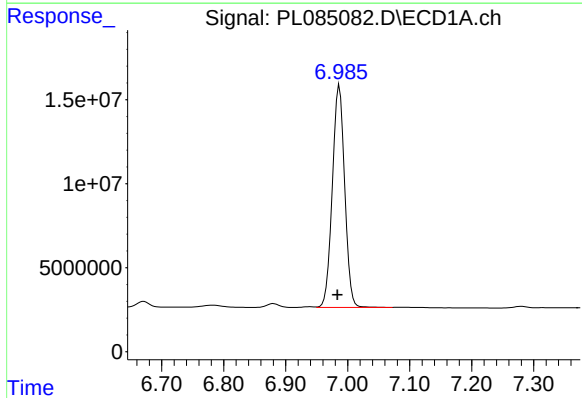
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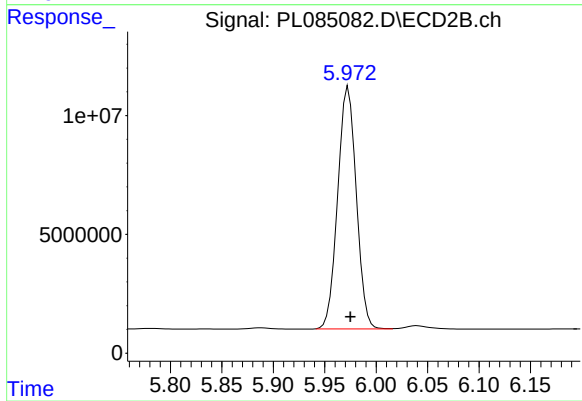
#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 2606366
Conc: 2.52 ng/ml



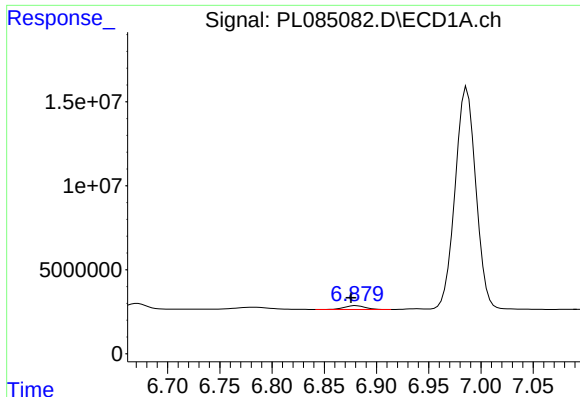
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.003 min
Response: 183527422
Conc: 97.95 ng/ml



#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 128286324
Conc: 110.54 ng/ml



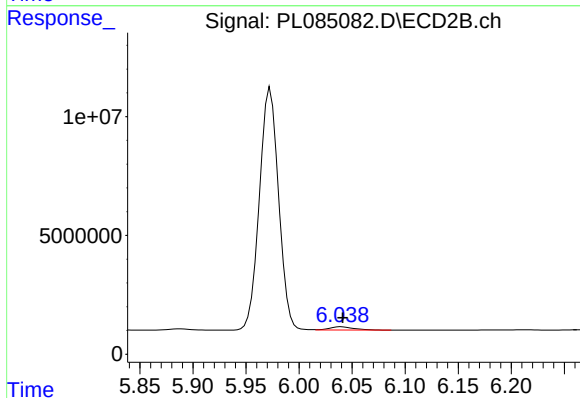
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.005 min
Response: 3094145
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

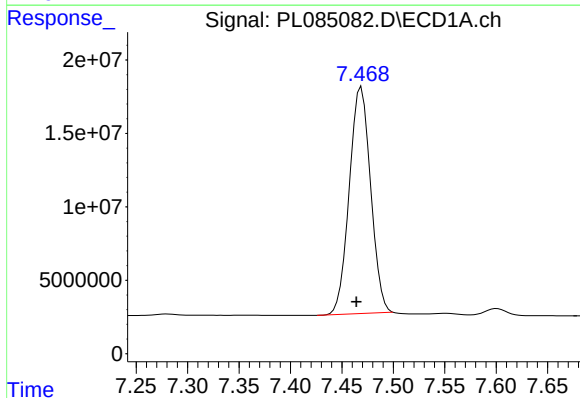
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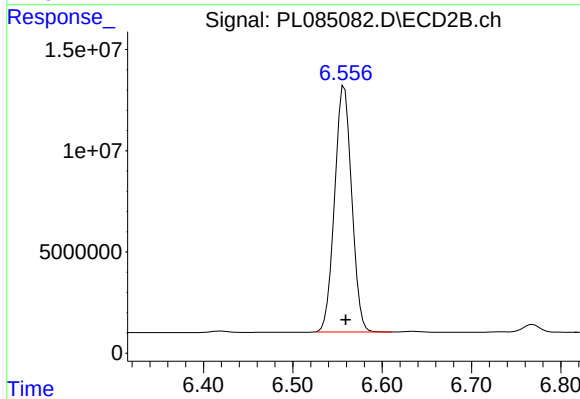
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 2167944
Conc: 2.19 ng/ml



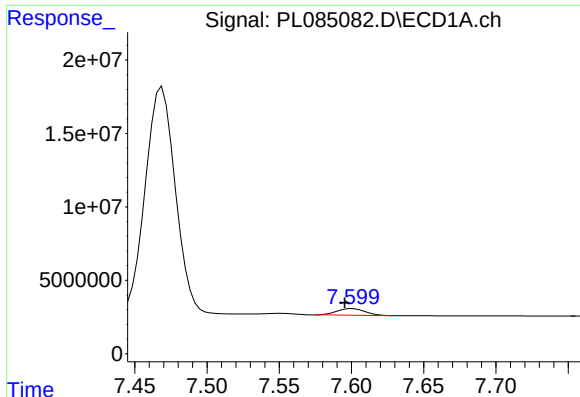
#20 Methoxychlor

R.T.: 7.469 min
Delta R.T.: 0.005 min
Response: 222885345
Conc: 232.25 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 161436761
Conc: 235.30 ng/ml



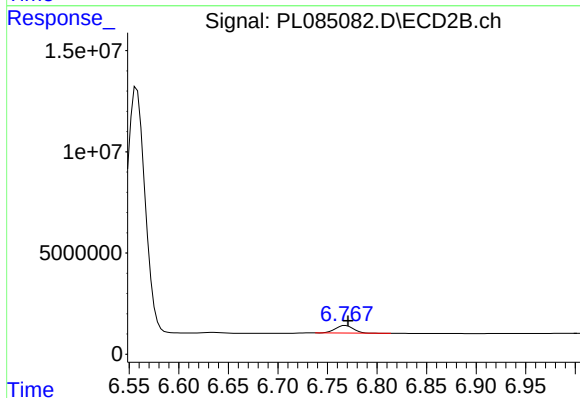
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.004 min
Response: 6020202
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

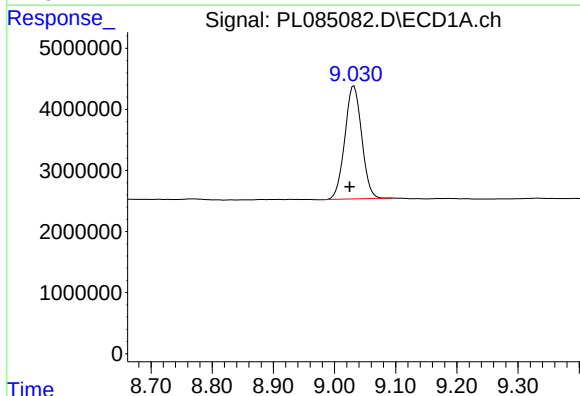
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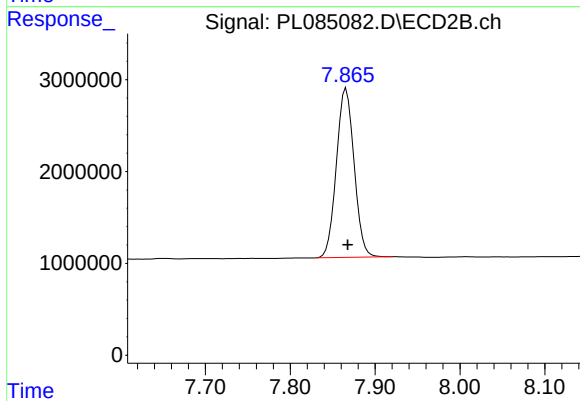
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 4664320
Conc: 3.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.007 min
Response: 35411357
Conc: 21.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 26660480
Conc: 21.38 ng/ml