

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100423\
 Data File : PL085694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 18:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 21:25:55 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	57909325	18397666	19.471	19.695
28)	SA Decachlor...	8.859	7.774	48026095	20407598	22.050	22.110
Target Compounds							
2)	A alpha-BHC	3.813	3.122	40068115	11591096	9.336	9.213
3)	MA gamma-BHC...	4.145	3.450	38128933	11227012	9.225	9.103
6)	B beta-BHC	4.348	3.751	19052893	5973952	11.522	11.475
12)	B 4,4'-DDE	6.024	5.083	1562995	97025	0.559m	0.118m#
14)	MA Endrin	6.390	5.474	134.5E6	46342544	47.195	51.549
16)	A 4,4'-DDD	6.541	5.639	1327651	425199	0.659	0.611
17)	MA 4,4'-DDT	6.855	5.888	257.3E6	95690501	109.173	121.012
18)	B Endrin al...	6.744	5.952	2650511	1948144	1.308	2.612m#
20)	A Methoxychlor	7.340	6.473	335.2E6	133.9E6	240.024	254.549
21)	B Endrin ke...	7.459	6.678	6409932	2559440	2.225m	2.227m

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

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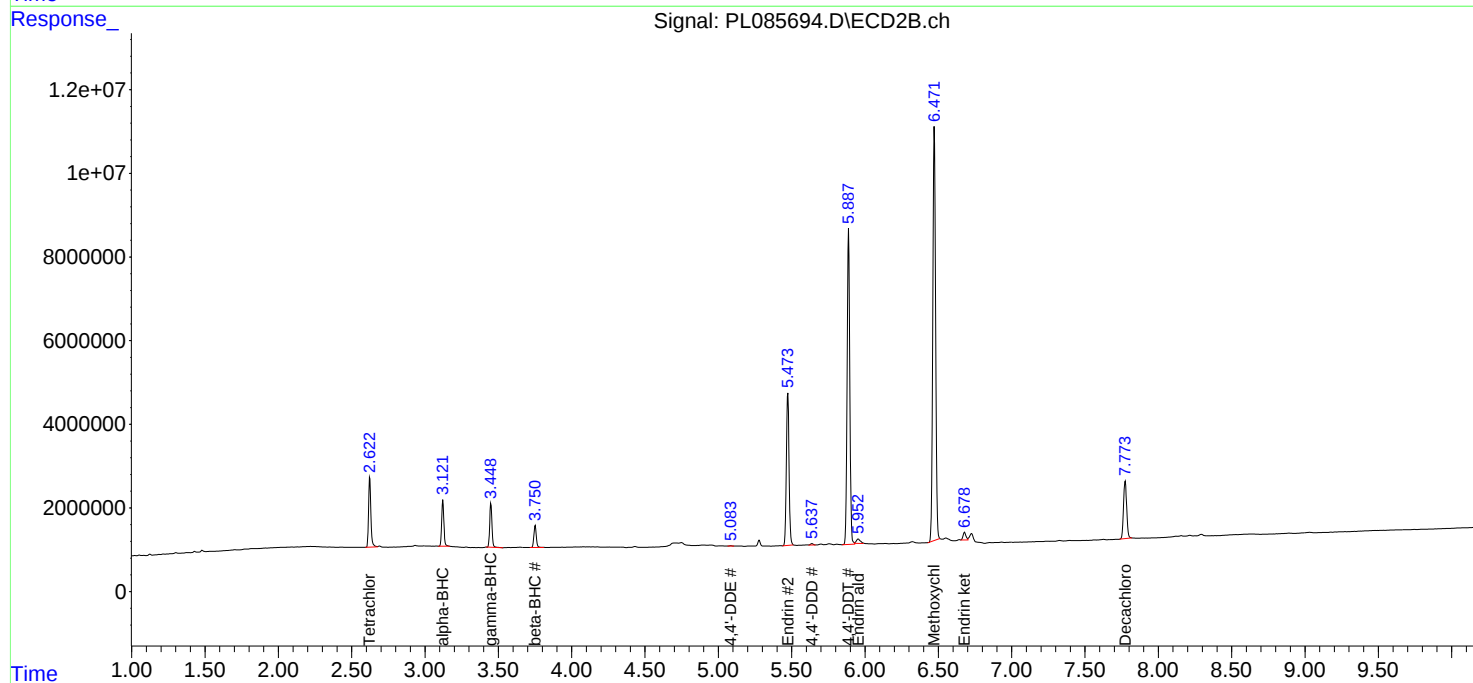
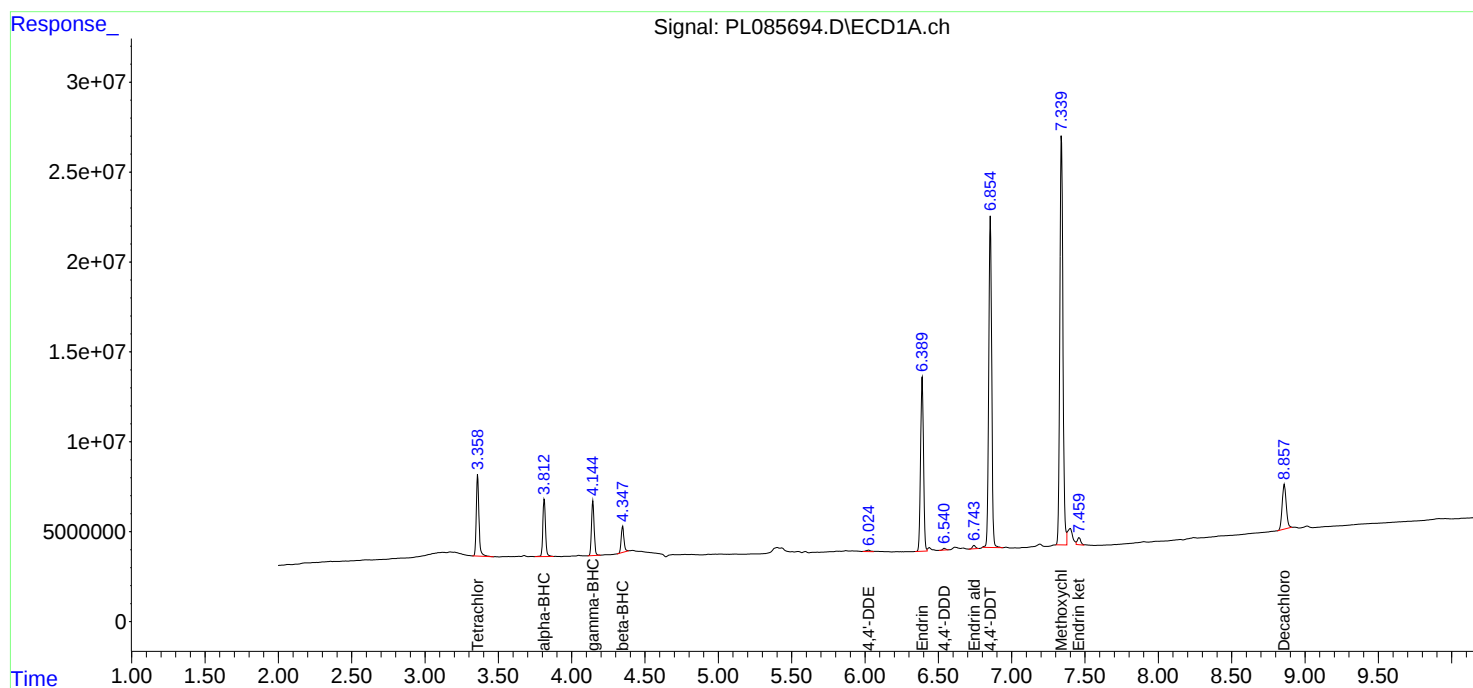
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ECD_L
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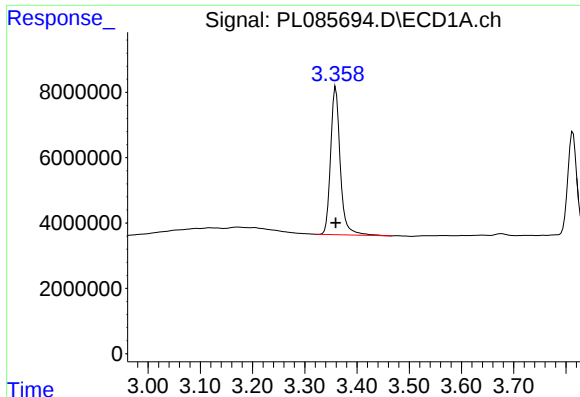
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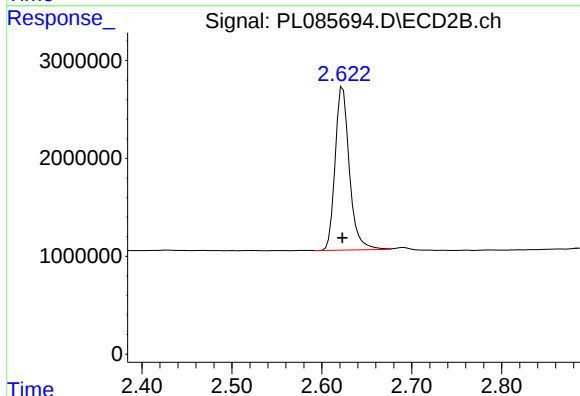
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.000 min
Response: 57909325
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

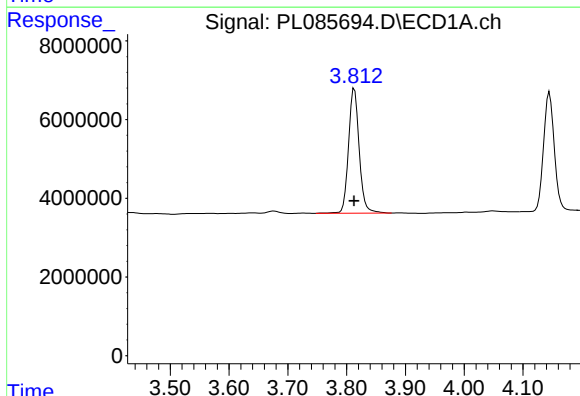
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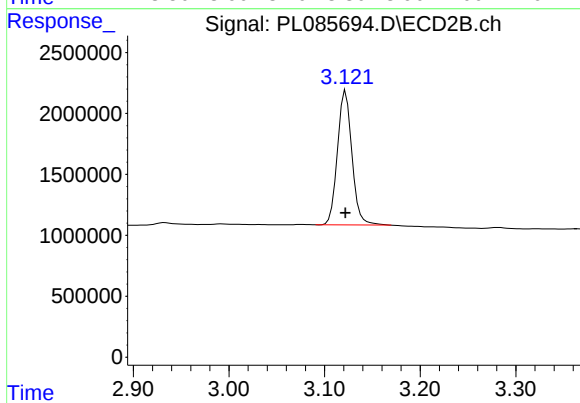
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18397666
Conc: 19.70 ng/ml



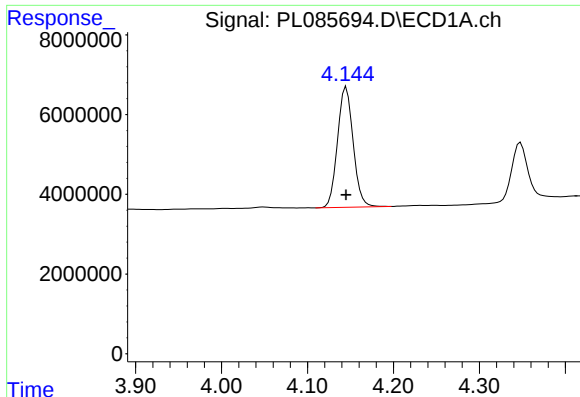
#2 alpha-BHC

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 40068115
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 11591096
Conc: 9.21 ng/ml



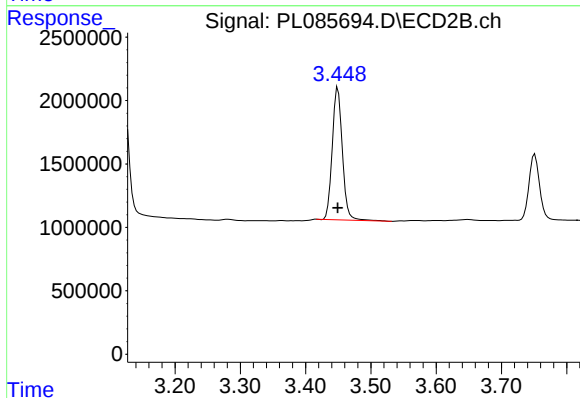
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 38128933
Conc: 9.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

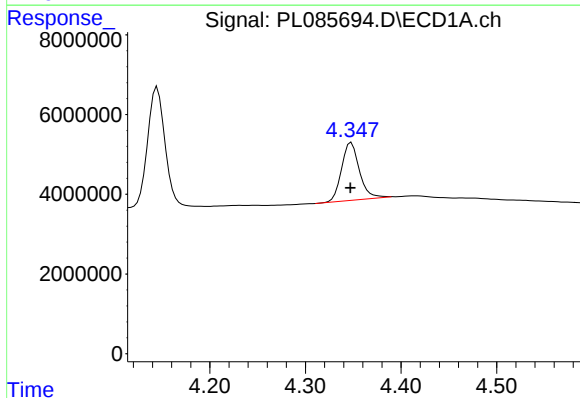
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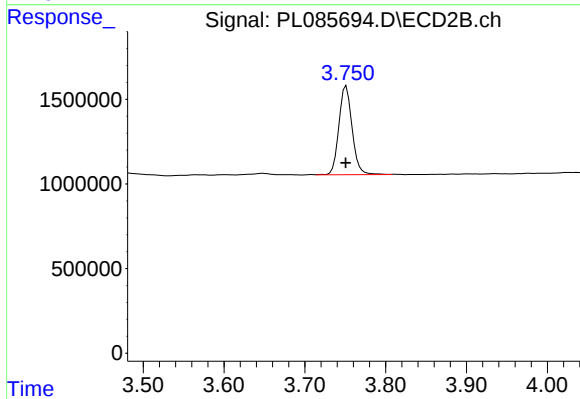
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 11227012
Conc: 9.10 ng/ml



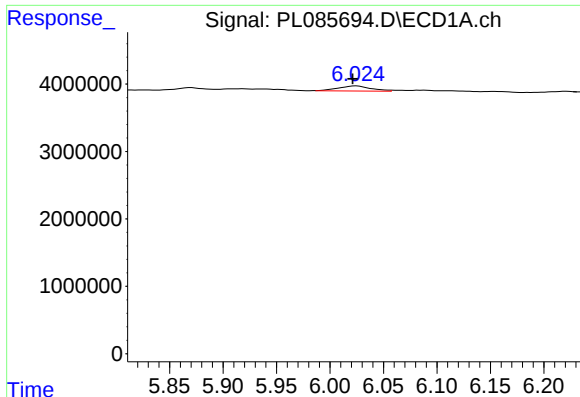
#6 beta-BHC

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 19052893
Conc: 11.52 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 5973952
Conc: 11.48 ng/ml



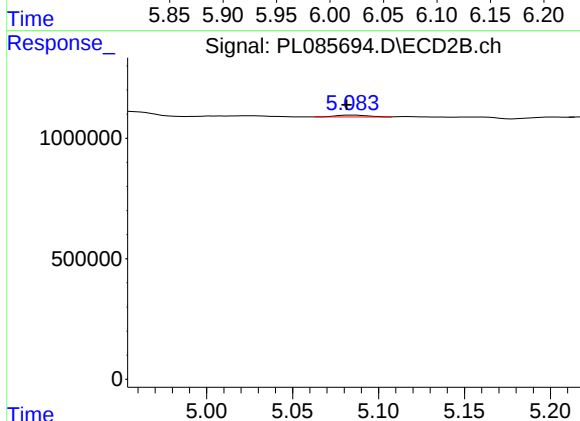
#12 4,4'-DDE

R.T.: 6.024 min
Delta R.T.: 0.003 min
Response: 1562995
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

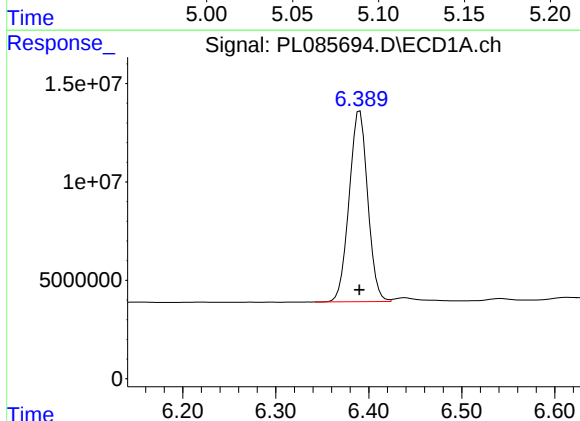
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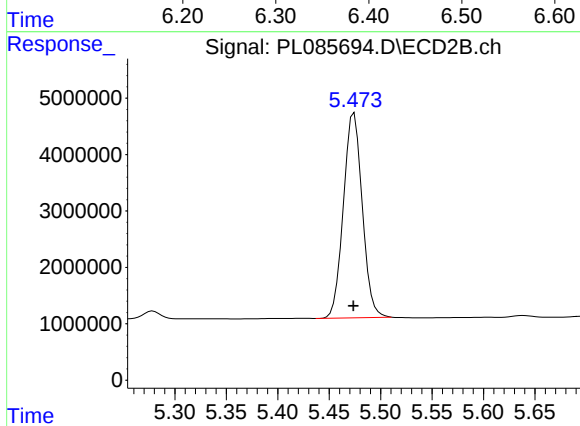
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.002 min
Response: 97025
Conc: 0.12 ng/ml m



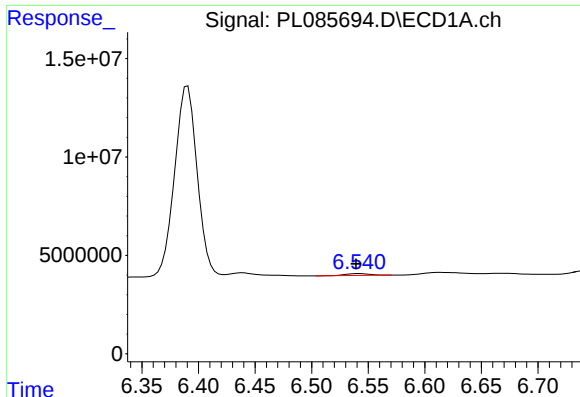
#14 Endrin

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 134494163
Conc: 47.19 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 46342544
Conc: 51.55 ng/ml



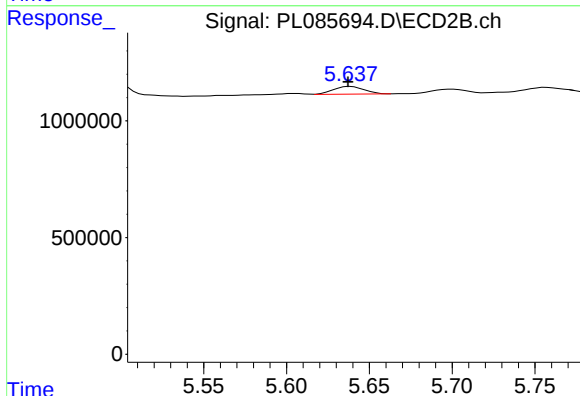
#16 4,4'-DDD

R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 1327651
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

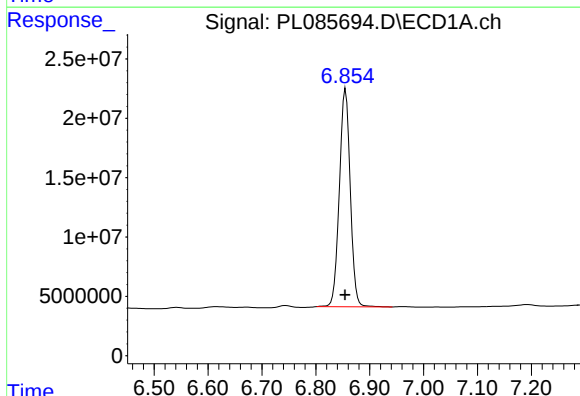
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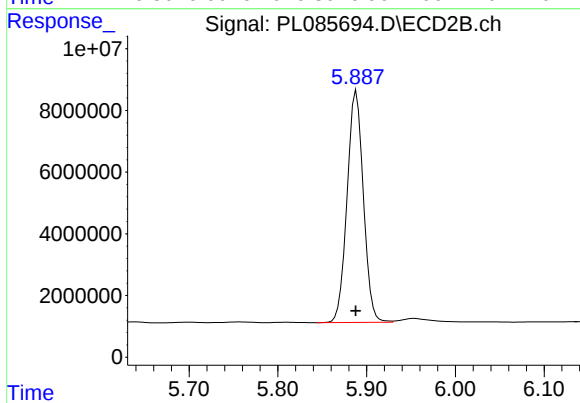
#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 425199
Conc: 0.61 ng/ml



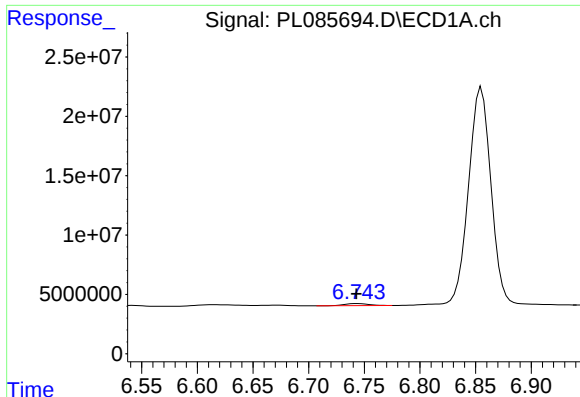
#17 4,4'-DDT

R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 257331386
Conc: 109.17 ng/ml



#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 95690501
Conc: 121.01 ng/ml



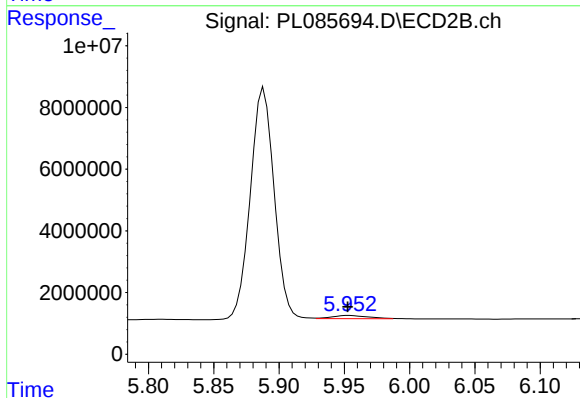
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.001 min
Response: 2650511
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

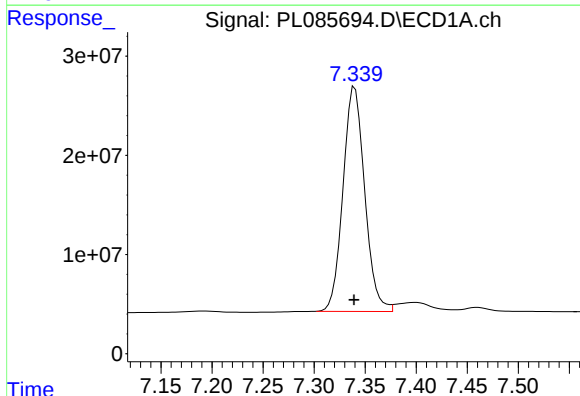
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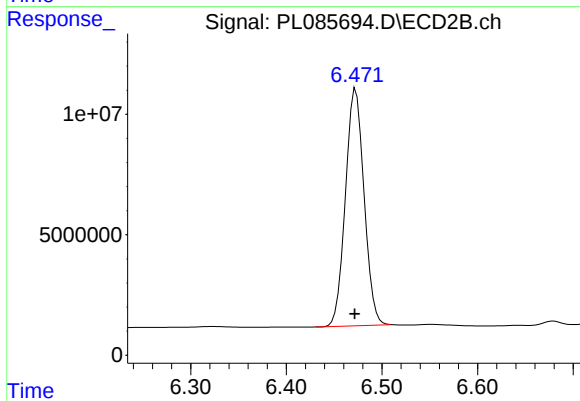
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 1948144
Conc: 2.61 ng/ml m



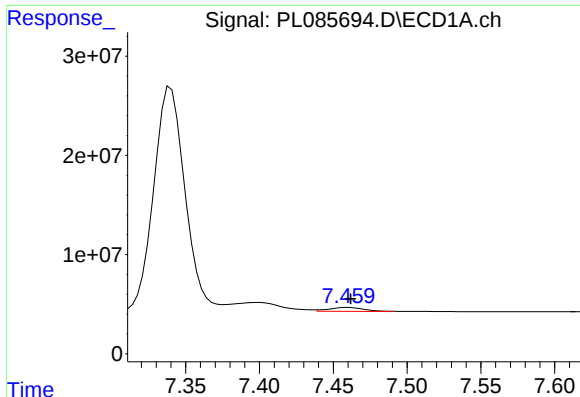
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 335221552
Conc: 240.02 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 133912194
Conc: 254.55 ng/ml



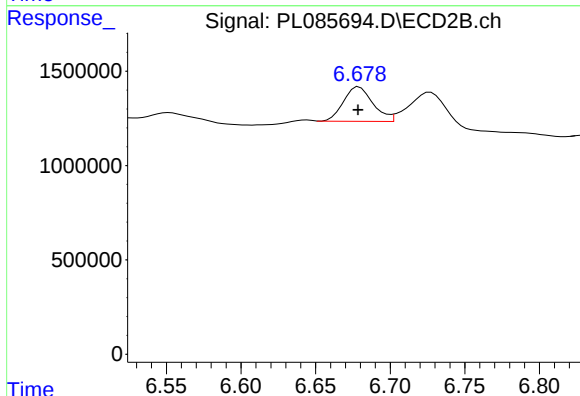
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 6409932
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

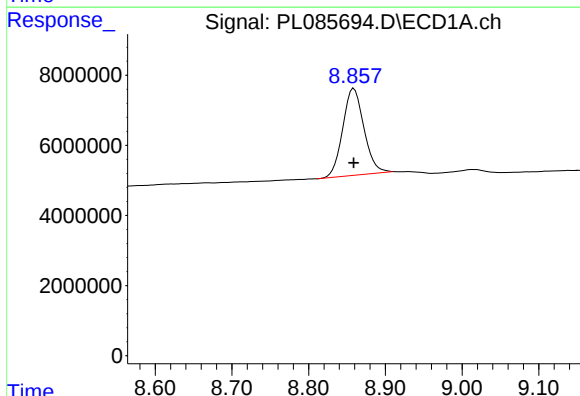
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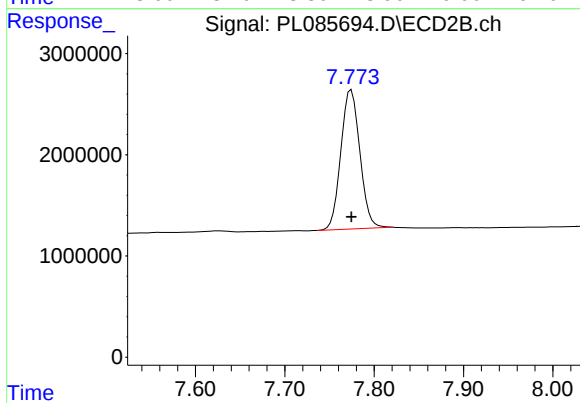
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 2559440
Conc: 2.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 48026095
Conc: 22.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 20407598
Conc: 22.11 ng/ml