

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100423\
 Data File : PL085675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 09:11
 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 21:16:46 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	57602438	18059468	19.368	19.333
28)	SA Decachlor...	8.859	7.775	44520493	19146515	20.441	20.744
Target Compounds							
2)	A alpha-BHC	3.813	3.121	40437231	11243311	9.422	8.937
3)	MA gamma-BHC...	4.145	3.449	38263397	10919118	9.257	8.853
6)	B beta-BHC	4.347	3.751	18099345	5773854	10.945	11.091
12)	B 4,4'-DDE	6.021	5.083	1022857	98523	0.366m	0.120m#
14)	MA Endrin	6.391	5.474	132.2E6	43811581	46.385	48.733
16)	A 4,4'-DDD	6.543	5.640	775494	277796	0.385	0.399
17)	MA 4,4'-DDT	6.855	5.889	249.8E6	88978025	105.985	112.523
18)	B Endrin al...	6.744	5.953	2921506	1738771	1.441	2.332m#
20)	A Methoxychlor	7.340	6.472	317.6E6	125.0E6	227.428	237.575
21)	B Endrin ke...	7.460	6.678	6028288	2380425	2.093m	2.071m

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

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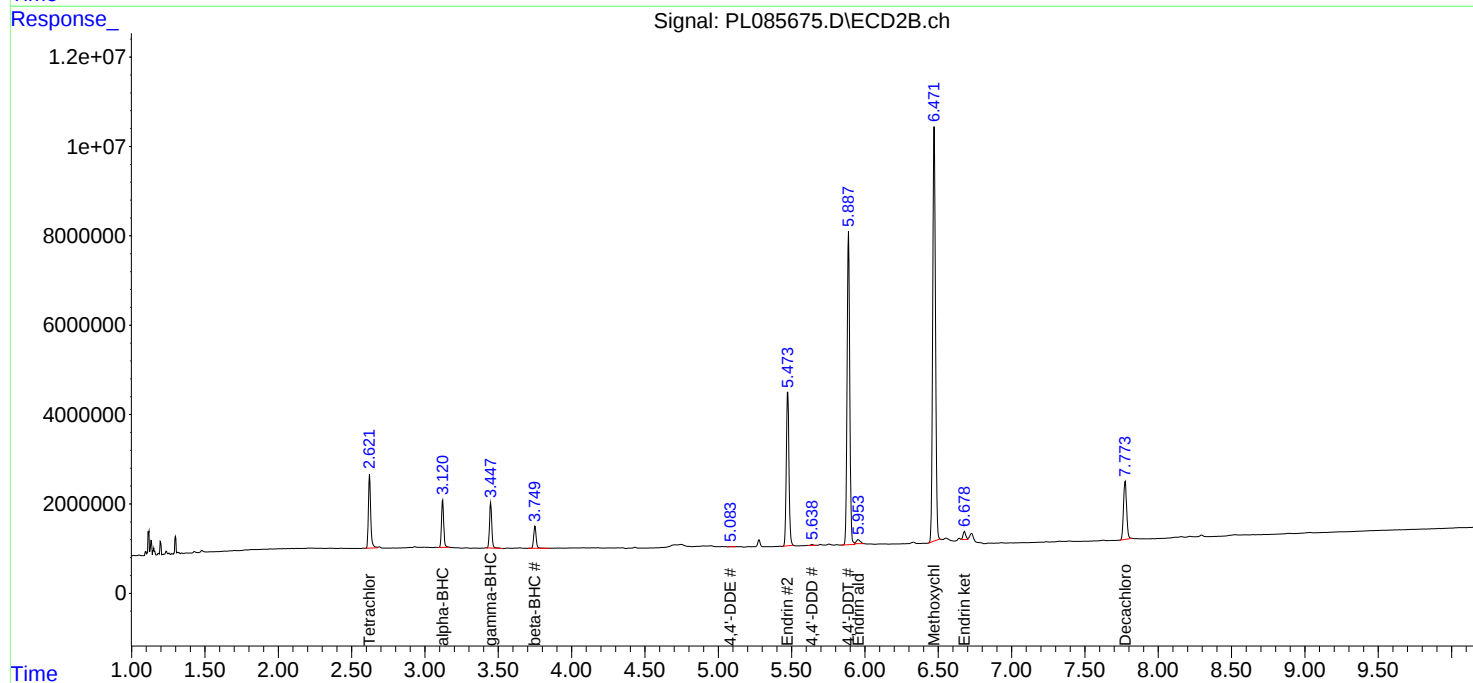
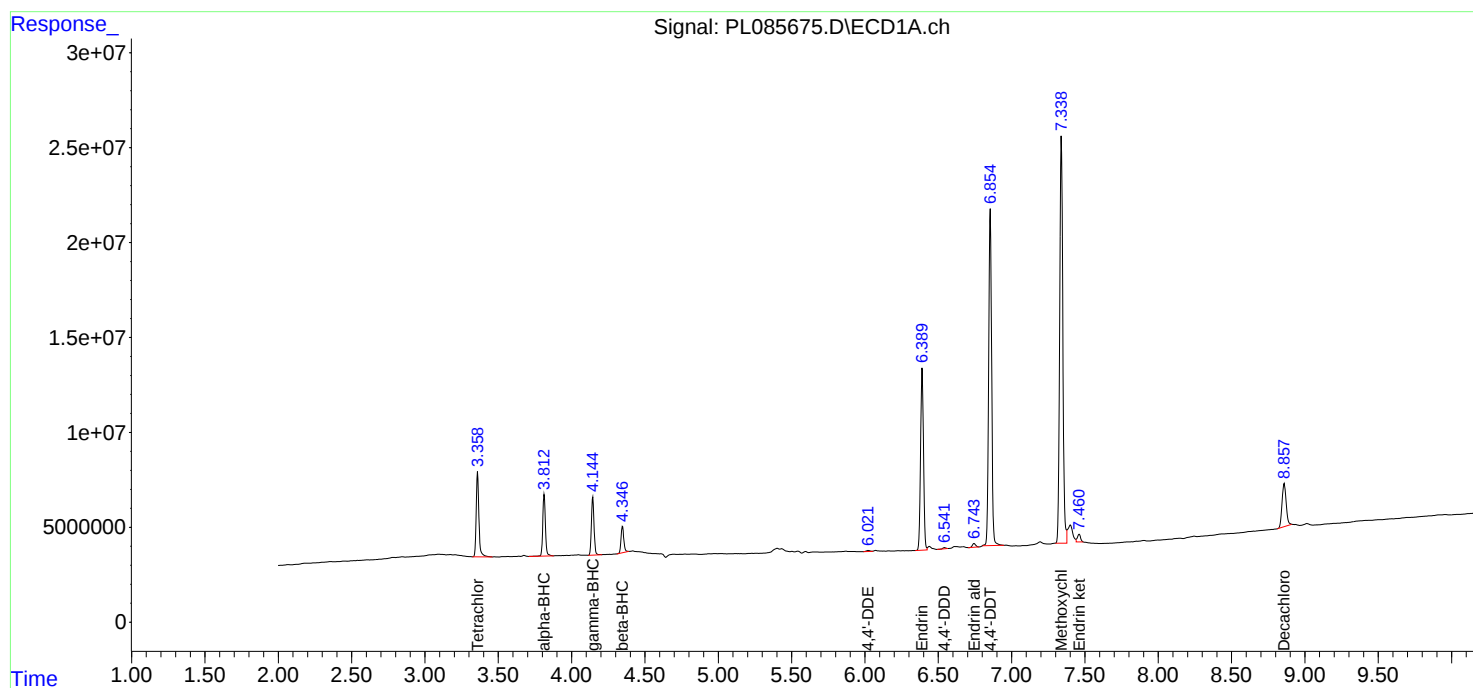
Instrument :
ECD_L
ClientSampleId :
PEM

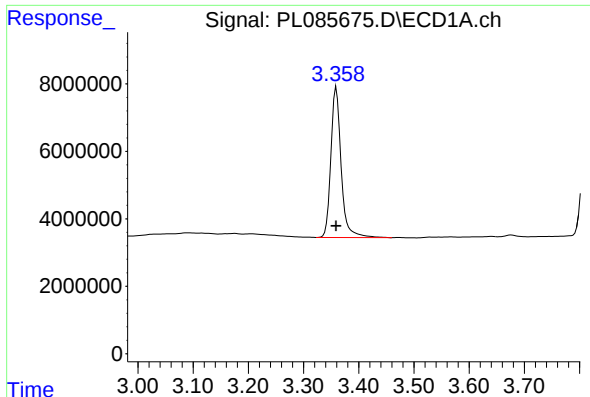
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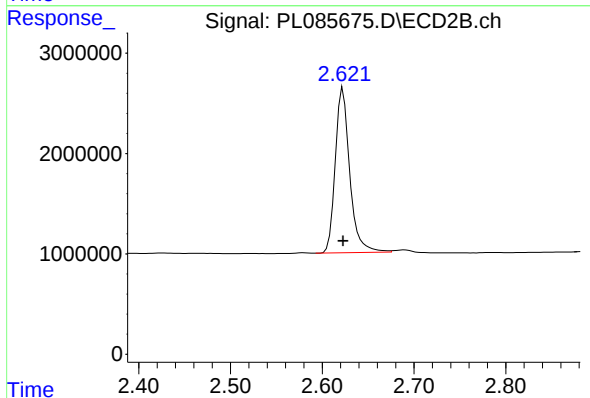
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.000 min
Response: 57602438
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

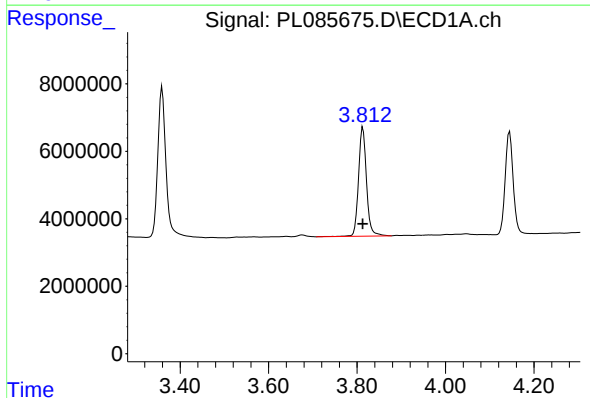
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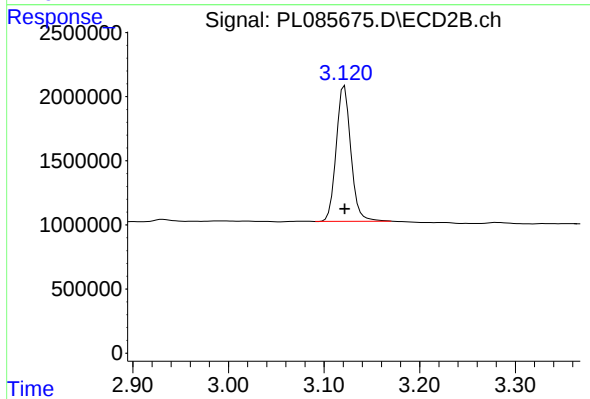
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18059468
Conc: 19.33 ng/ml



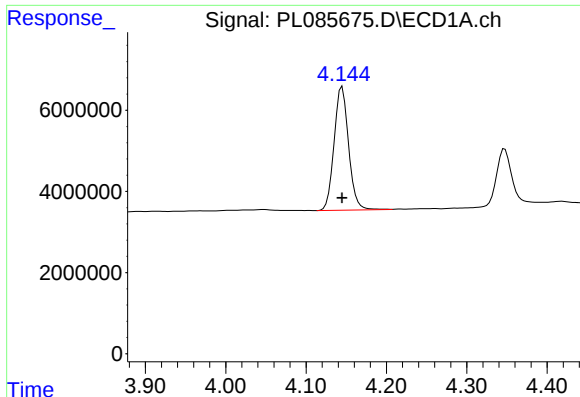
#2 alpha-BHC

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 40437231
Conc: 9.42 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11243311
Conc: 8.94 ng/ml



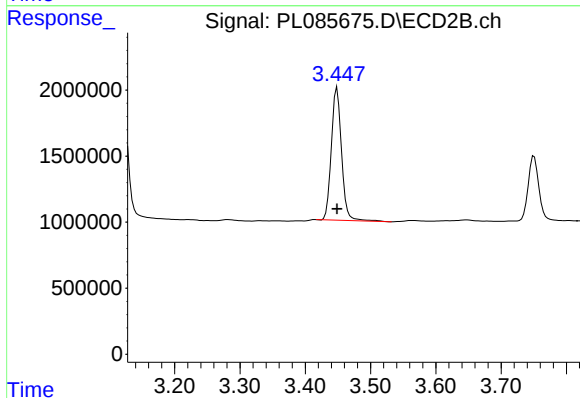
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 38263397
Conc: 9.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

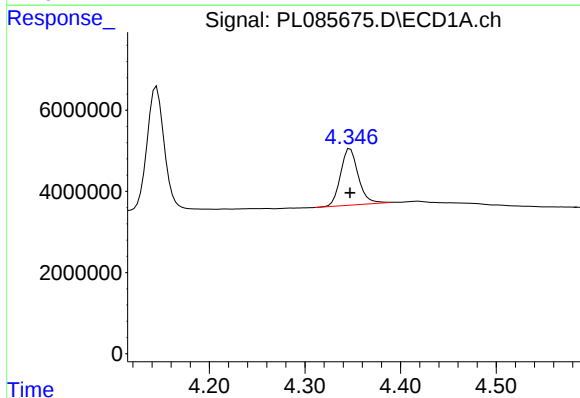
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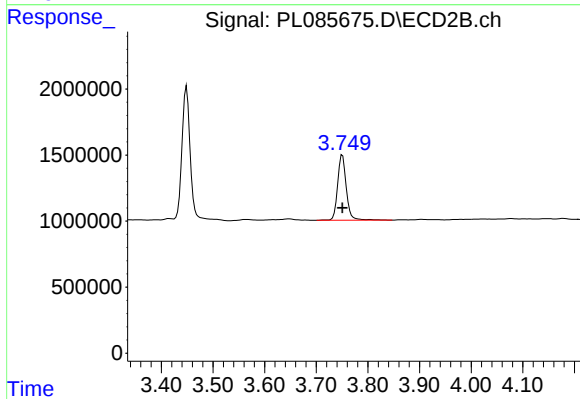
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 10919118
Conc: 8.85 ng/ml



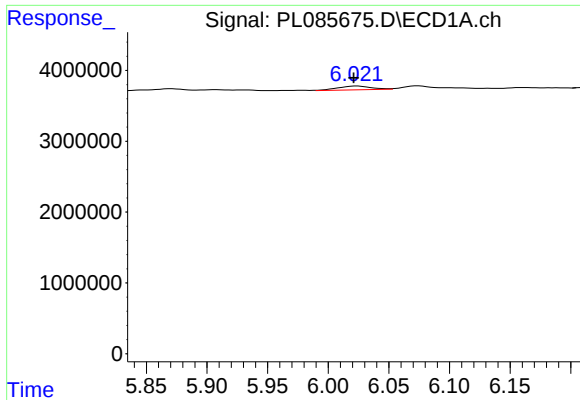
#6 beta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 18099345
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 5773854
Conc: 11.09 ng/ml



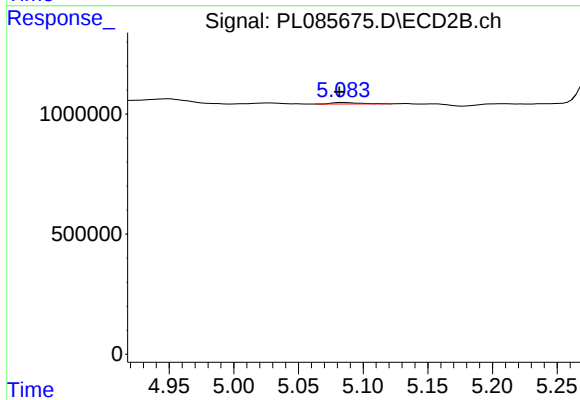
#12 4,4'-DDE

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 1022857
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

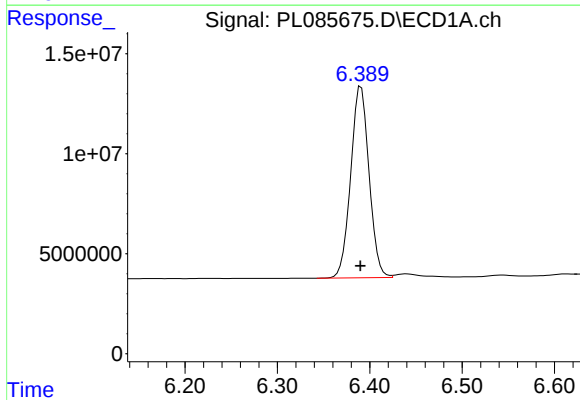
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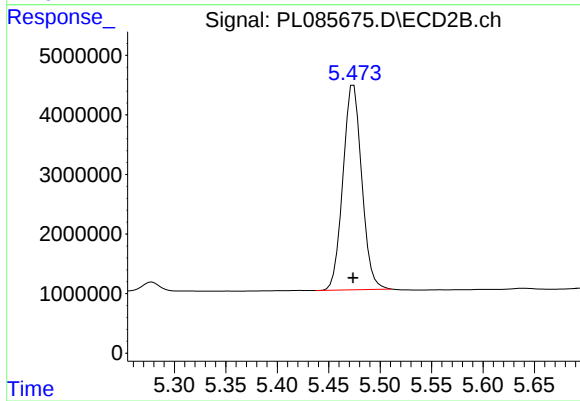
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 98523
Conc: 0.12 ng/ml m



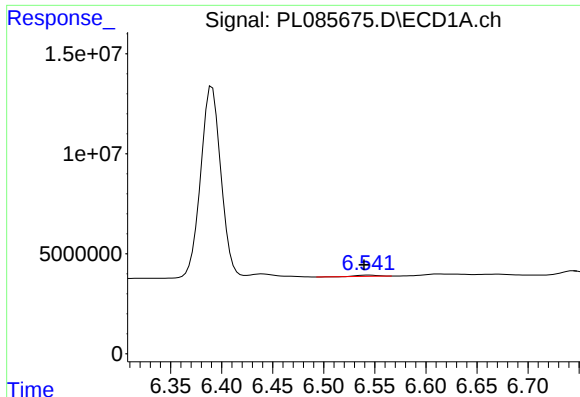
#14 Endrin

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 132185883
Conc: 46.38 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 43811581
Conc: 48.73 ng/ml



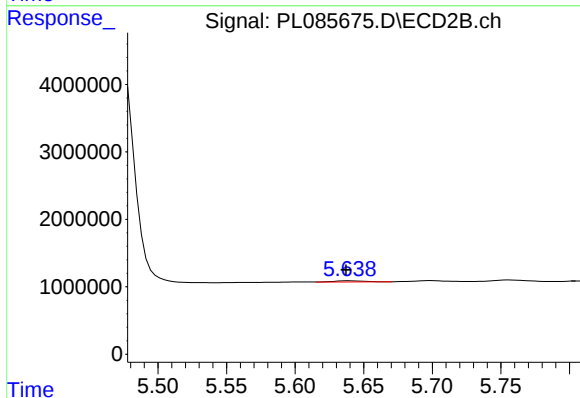
#16 4,4'-DDD

R.T.: 6.543 min
Delta R.T.: 0.004 min
Response: 775494
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

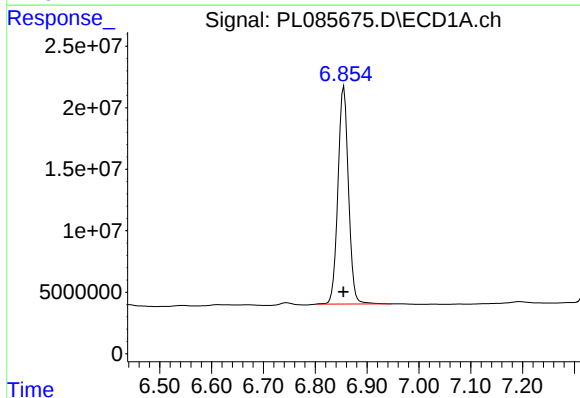
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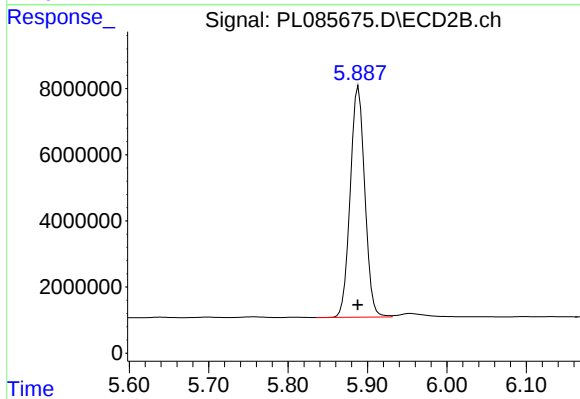
#16 4,4'-DDD

R.T.: 5.640 min
Delta R.T.: 0.003 min
Response: 277796
Conc: 0.40 ng/ml



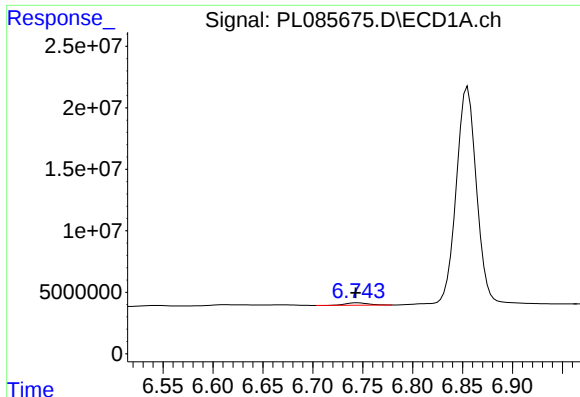
#17 4,4'-DDT

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 249816326
Conc: 105.98 ng/ml



#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 88978025
Conc: 112.52 ng/ml



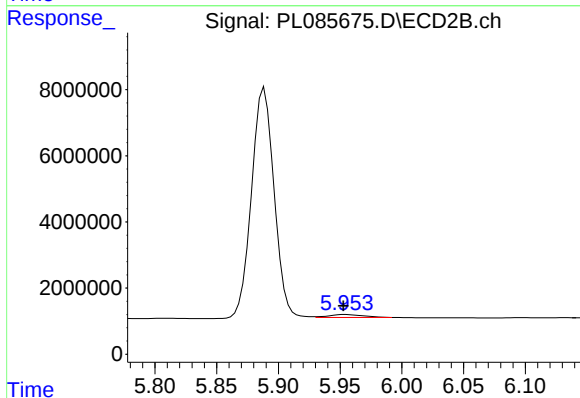
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 2921506
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

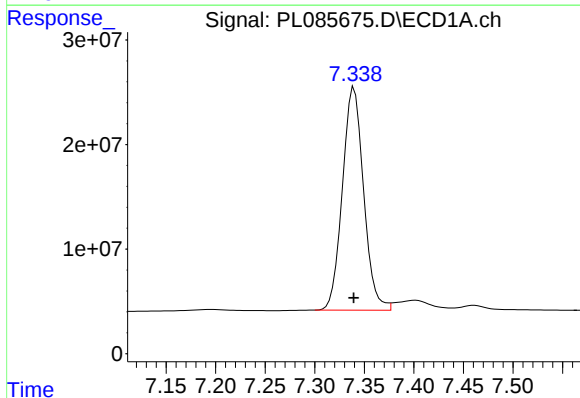
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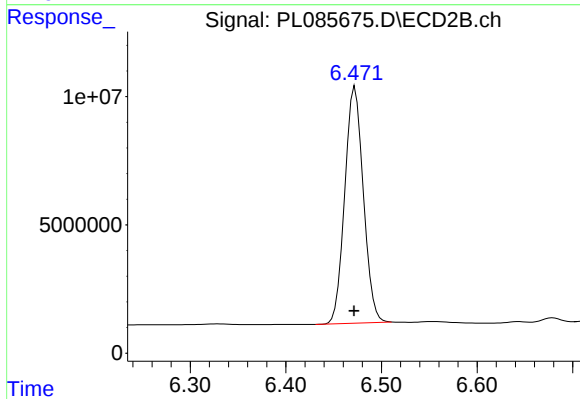
#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 1738771
Conc: 2.33 ng/ml m



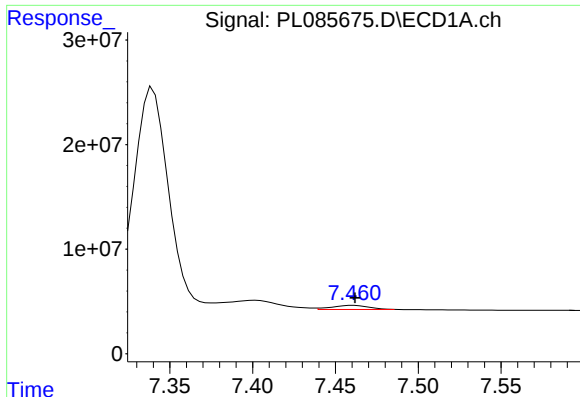
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 317630739
Conc: 227.43 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 124982775
Conc: 237.58 ng/ml



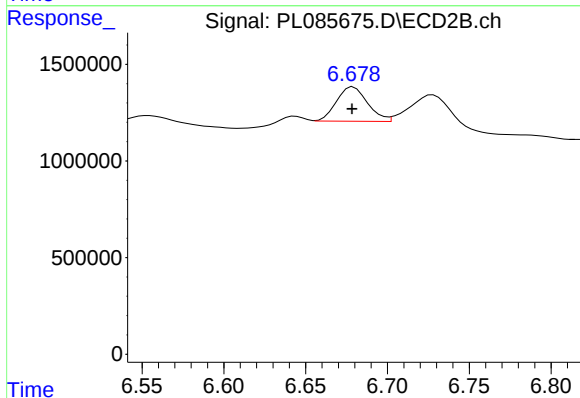
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 6028288
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

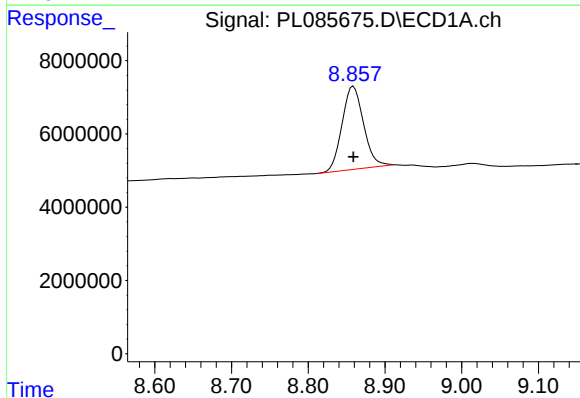
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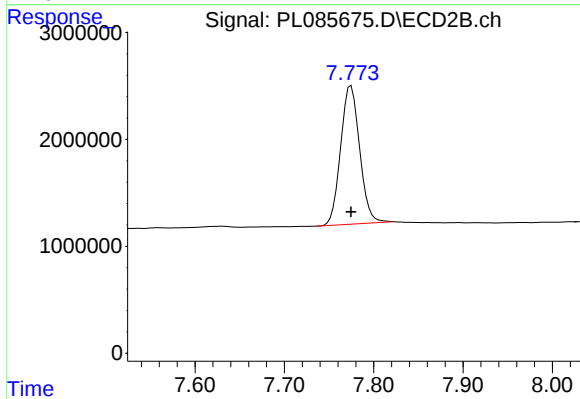
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 2380425
Conc: 2.07 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 44520493
Conc: 20.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 19146515
Conc: 20.74 ng/ml