

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091923\
 Data File : PL085405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 21:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/20/2023
 Supervised By : Ankita Jodhani 09/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 06:52:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 06:49:02 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...	3.414	2.650	62931403	28411510	18.895	18.677
28)	SA Decachlor...	8.943	7.825	66224699	37329312	19.456	19.067
Target Compounds							
2)	A alpha-BHC	3.870	3.153	45245883	20939547	9.181	8.987
3)	MA gamma-BHC...	4.203	3.483	44348792	20427821	9.073	8.868
6)	B beta-BHC	4.404	3.785	21619397	10135496	10.383	10.546
12)	B 4,4'-DDE	6.082	5.122	651878	161597	0.163	0.080m#
14)	MA Endrin	6.455	5.517	160.3E6	85725226	44.676	45.762
16)	A 4,4'-DDD	6.604	5.681	1772185	692338	0.544	0.403 #
17)	MA 4,4'-DDT	6.917	5.932	346.8E6	187.4E6	96.600	102.826
18)	B Endrin al...	6.809	6.000	6227693	4305348	2.138	2.717 #
20)	A Methoxychlor	7.402	6.518	454.5E6	245.6E6	207.394	231.484
21)	B Endrin ke...	7.527	6.726	11415300	7747153	2.812m	3.103m

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

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Acq On : 19 Sep 2023 21:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

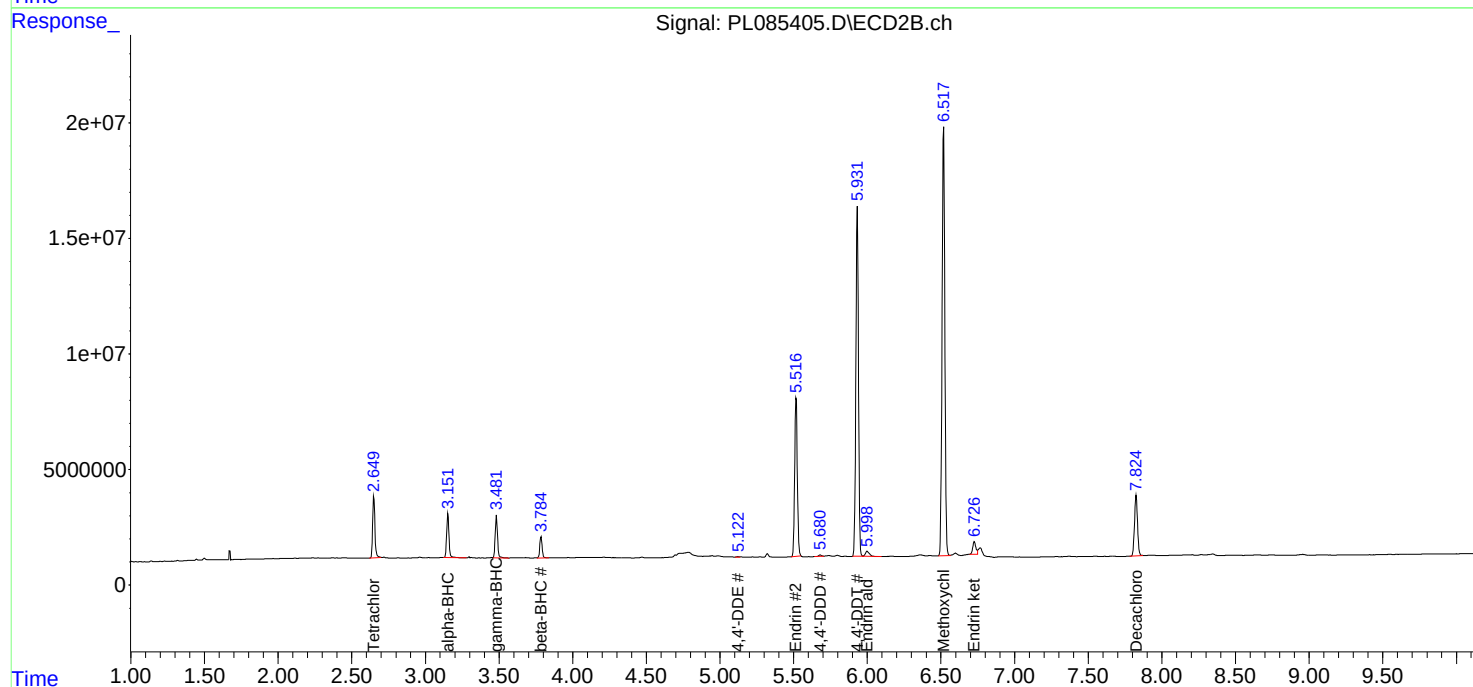
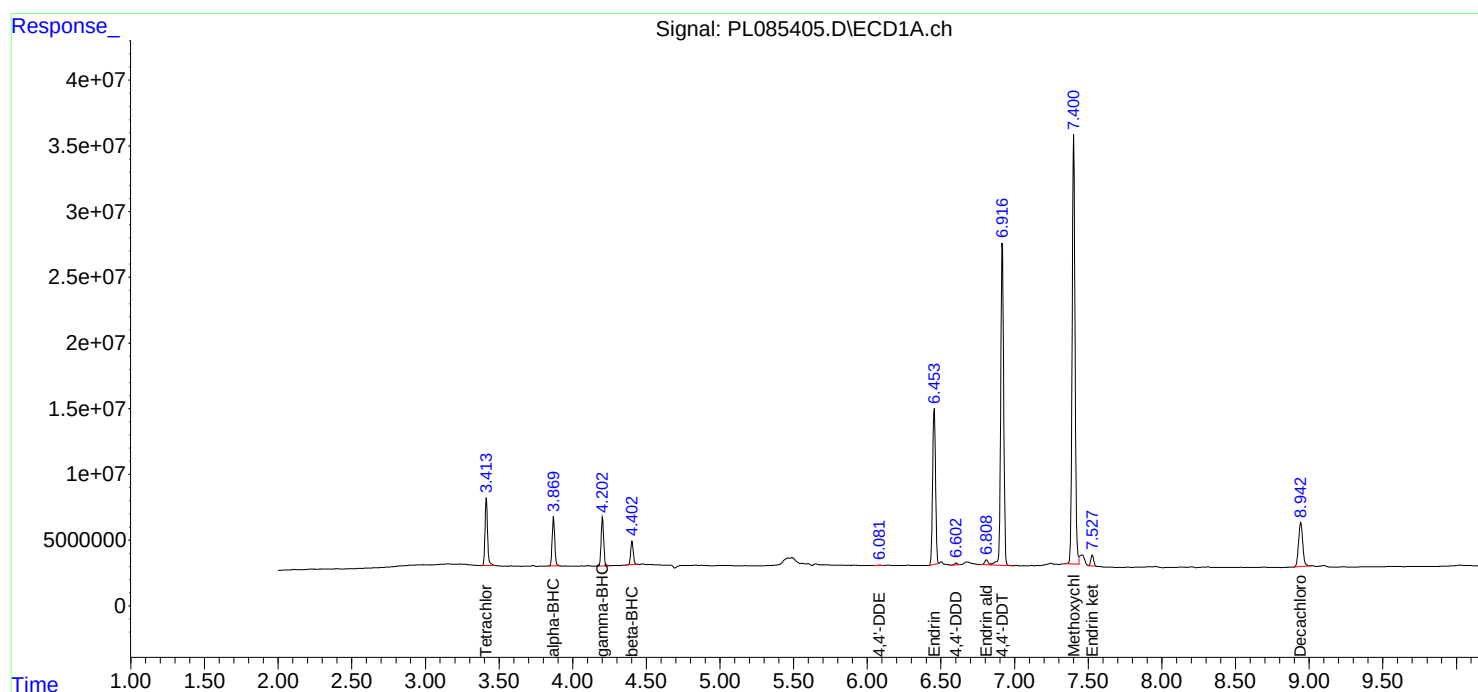
Instrument :
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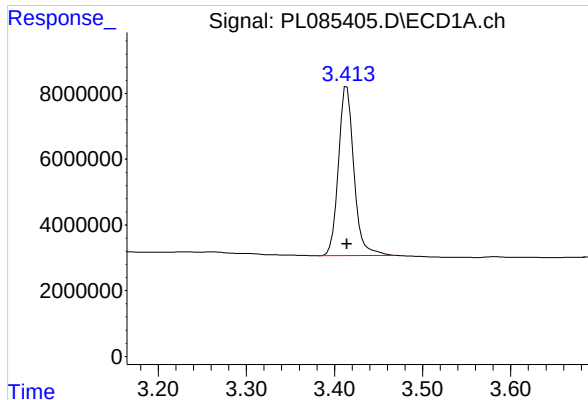
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
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Volume Inj. : 1 µl
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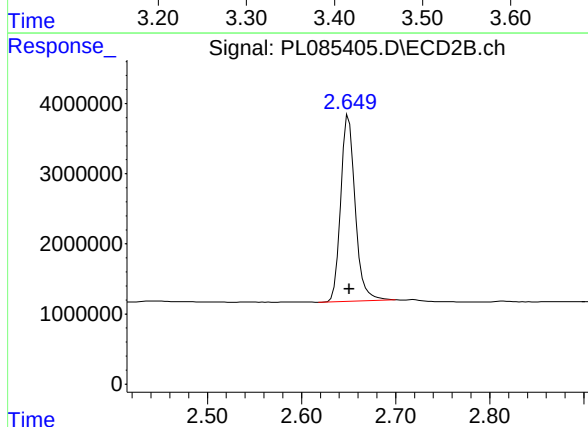
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 62931403
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

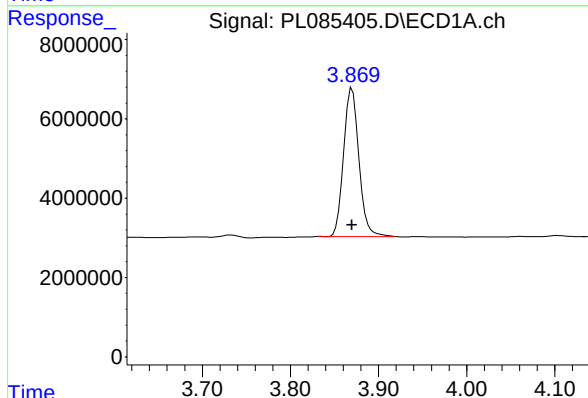
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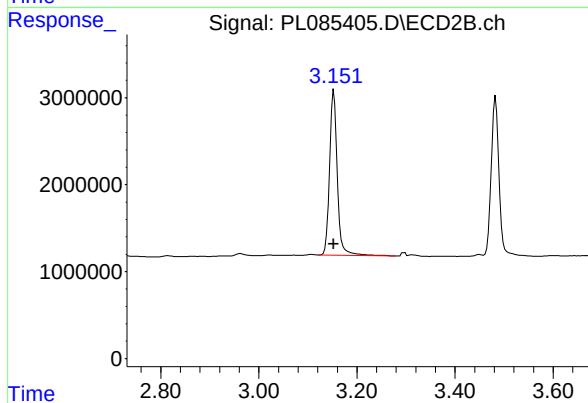
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 28411510
Conc: 18.68 ng/ml



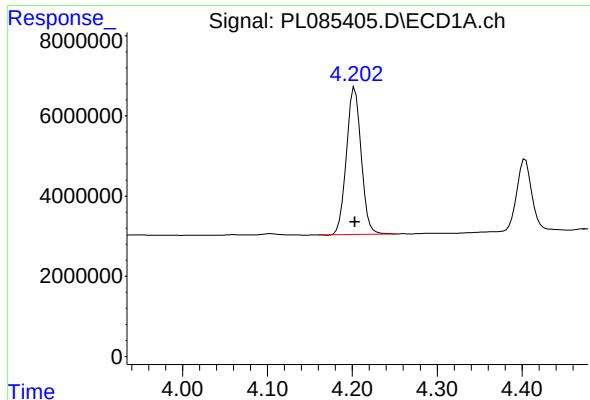
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 45245883
Conc: 9.18 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 20939547
Conc: 8.99 ng/ml



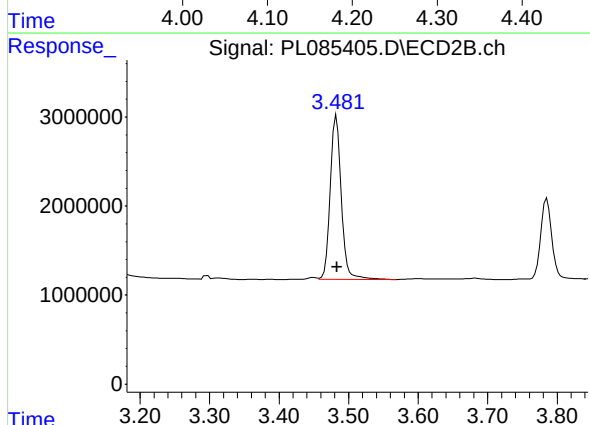
#3 gamma-BHC (Lindane)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 44348792
Conc: 9.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

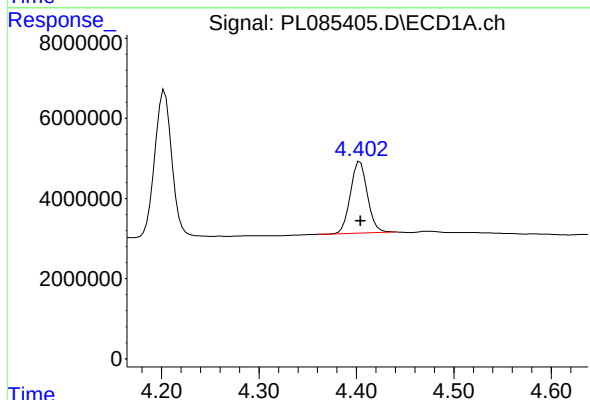
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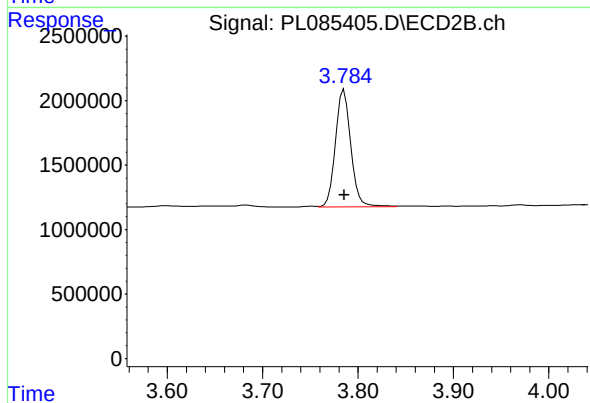
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 20427821
Conc: 8.87 ng/ml



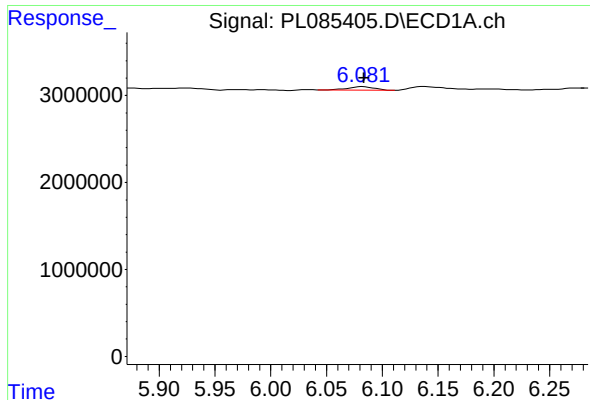
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 21619397
Conc: 10.38 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 10135496
Conc: 10.55 ng/ml



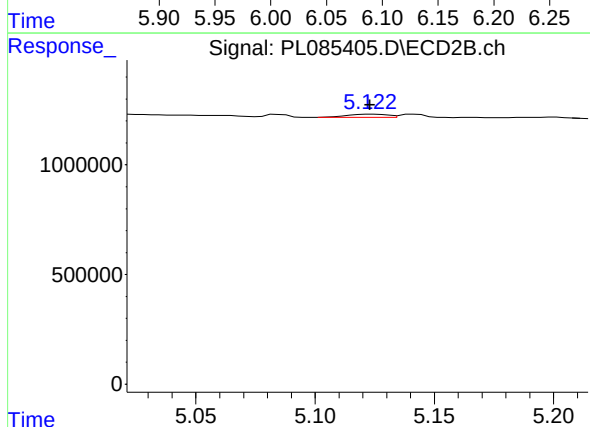
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 651878
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

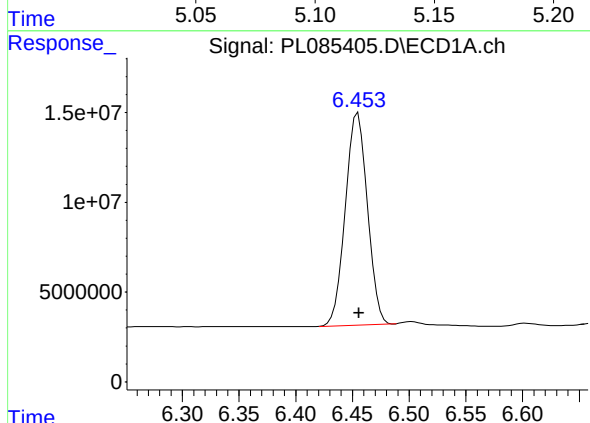
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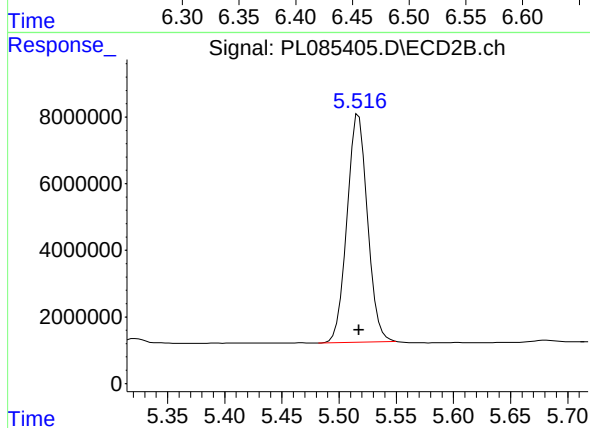
#12 4,4'-DDE

R.T.: 5.122 min
Delta R.T.: -0.001 min
Response: 161597
Conc: 0.08 ng/ml



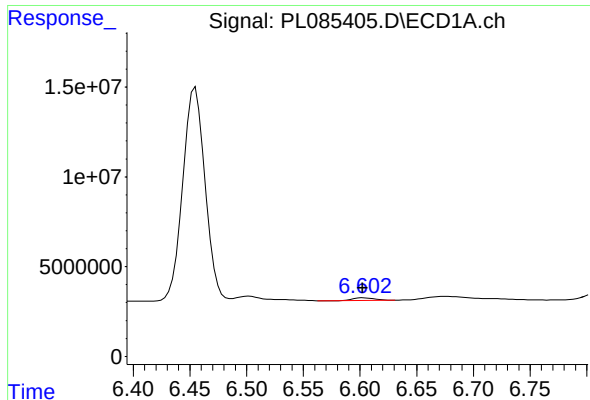
#14 Endrin

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 160300323
Conc: 44.68 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 85725226
Conc: 45.76 ng/ml



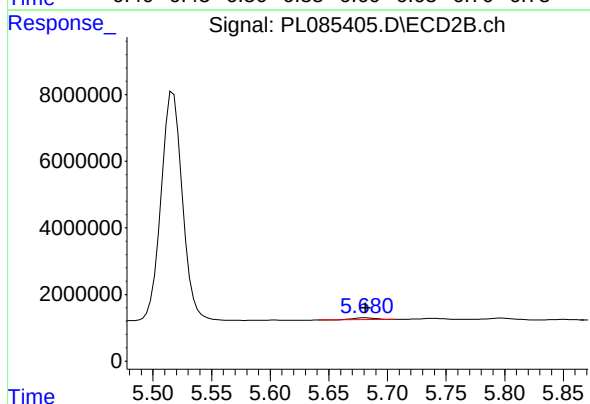
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.001 min
Response: 1772185
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

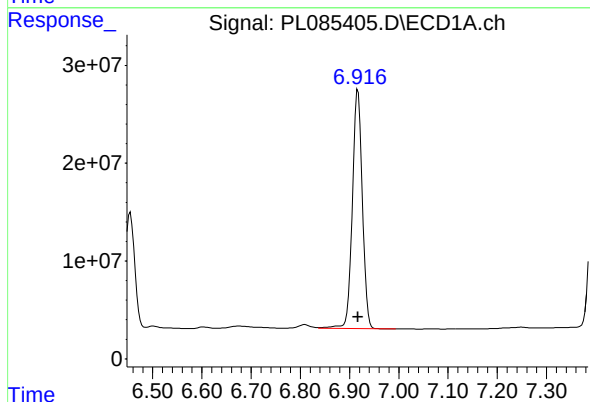
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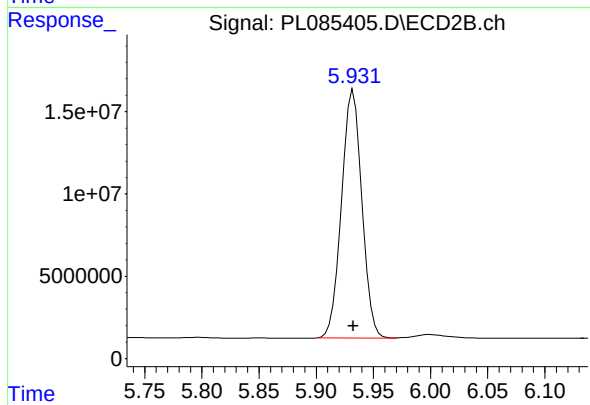
#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 692338
Conc: 0.40 ng/ml



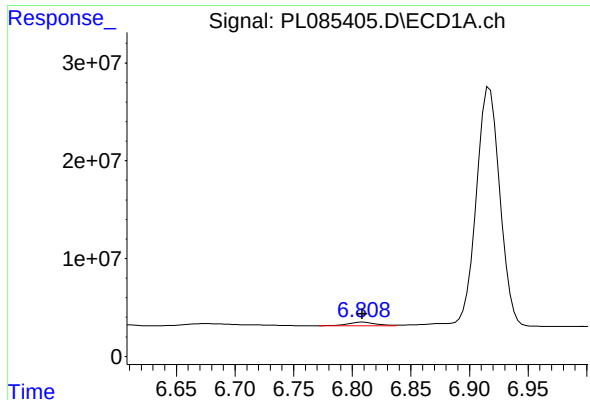
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 346803803
Conc: 96.60 ng/ml



#17 4,4'-DDT

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 187351713
Conc: 102.83 ng/ml



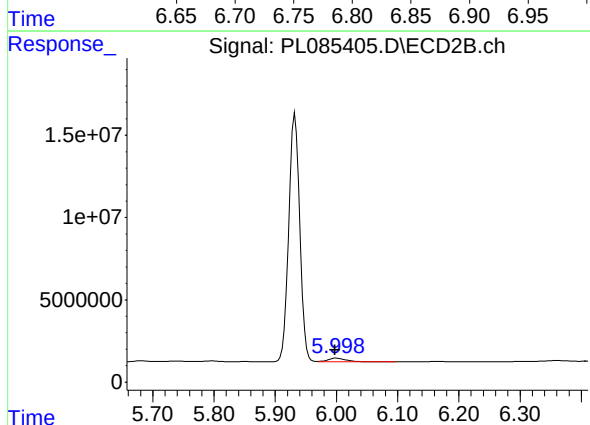
#18 Endrin aldehyde

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 6227693
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

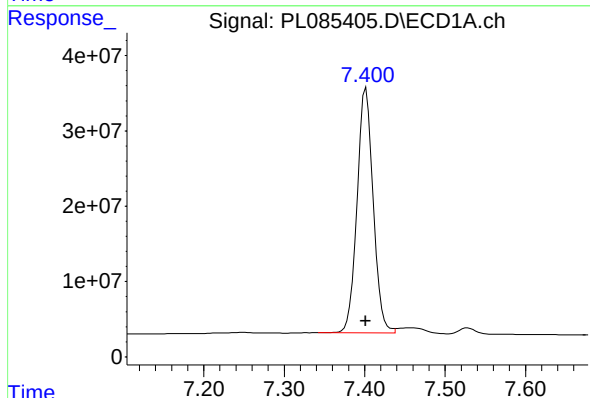
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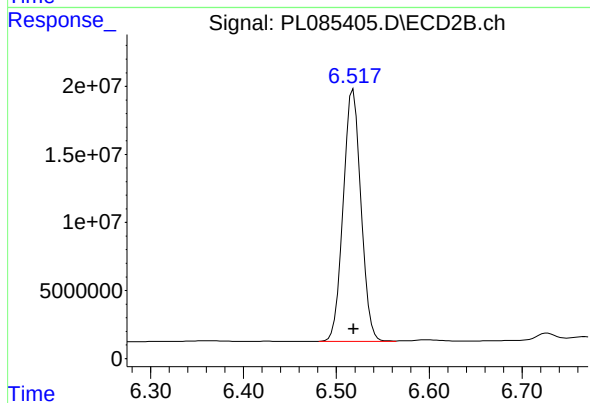
#18 Endrin aldehyde

R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 4305348
Conc: 2.72 ng/ml



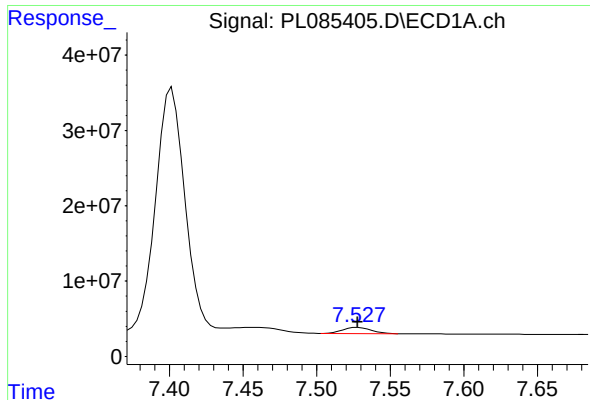
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 454516530
Conc: 207.39 ng/ml



#20 Methoxychlor

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 245553471
Conc: 231.48 ng/ml



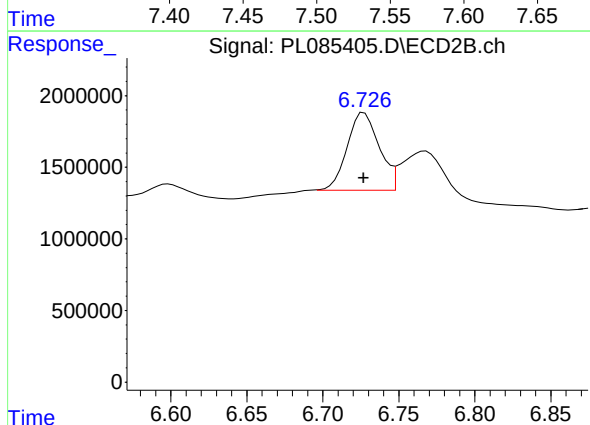
#21 Endrin ketone

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 11415300
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

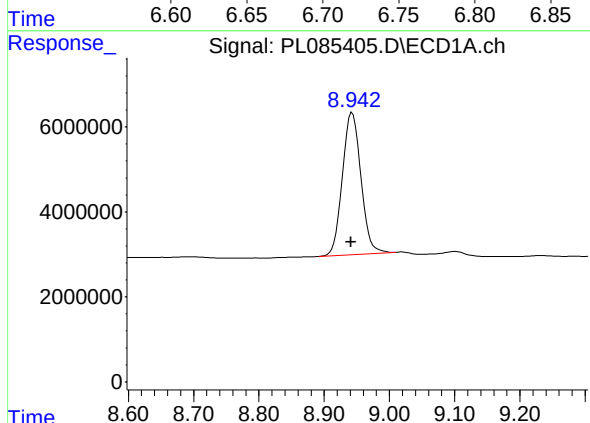
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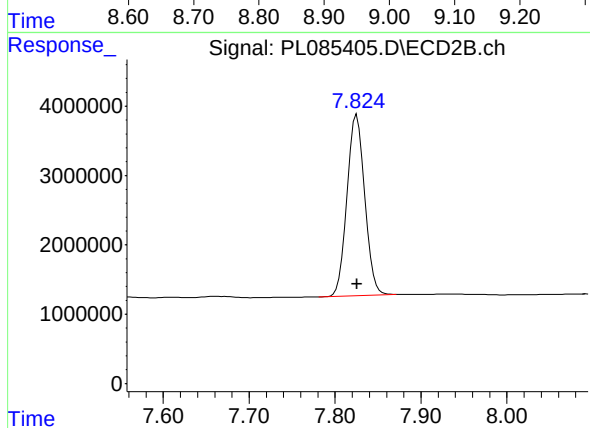
#21 Endrin ketone

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 7747153
Conc: 3.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.943 min
Delta R.T.: 0.002 min
Response: 66224699
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 37329312
Conc: 19.07 ng/ml