

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041724\
 Data File : PL089066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2024 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 02:15:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.551	2.797	44678820	26591183	21.022	19.950
28)	SA Decachlor...	9.064	7.950	27788855	26790316	21.816	20.006
Target Compounds							
2)	A alpha-BHC	4.006	3.303	32263330	17675429	10.790	8.934
3)	MA gamma-BHC...	4.338	3.634	30261058	16719697	10.488	8.692
6)	B beta-BHC	4.531	3.931	14906737	8852938	11.109m	10.593
12)	B 4,4'-DDE	6.202	5.264	1321128	388569	0.657m	0.264m#
14)	MA Endrin	6.585	5.671	81477167	66230552	43.354	45.571
16)	A 4,4'-DDD	6.719	5.819	6070815	3105010	3.766	2.564 #
17)	MA 4,4'-DDT	7.033	6.070	150.6E6	135.9E6	82.618	103.673 #
18)	B Endrin al...	6.933	6.145	4377437	2748811	2.991	2.501
20)	A Methoxychlor	7.507	6.646	193.7E6	175.0E6	219.788	234.110
21)	B Endrin ke...	7.652	6.873	7243144	4968155	3.756	3.139

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

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Acq On : 17 Apr 2024 09:17
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

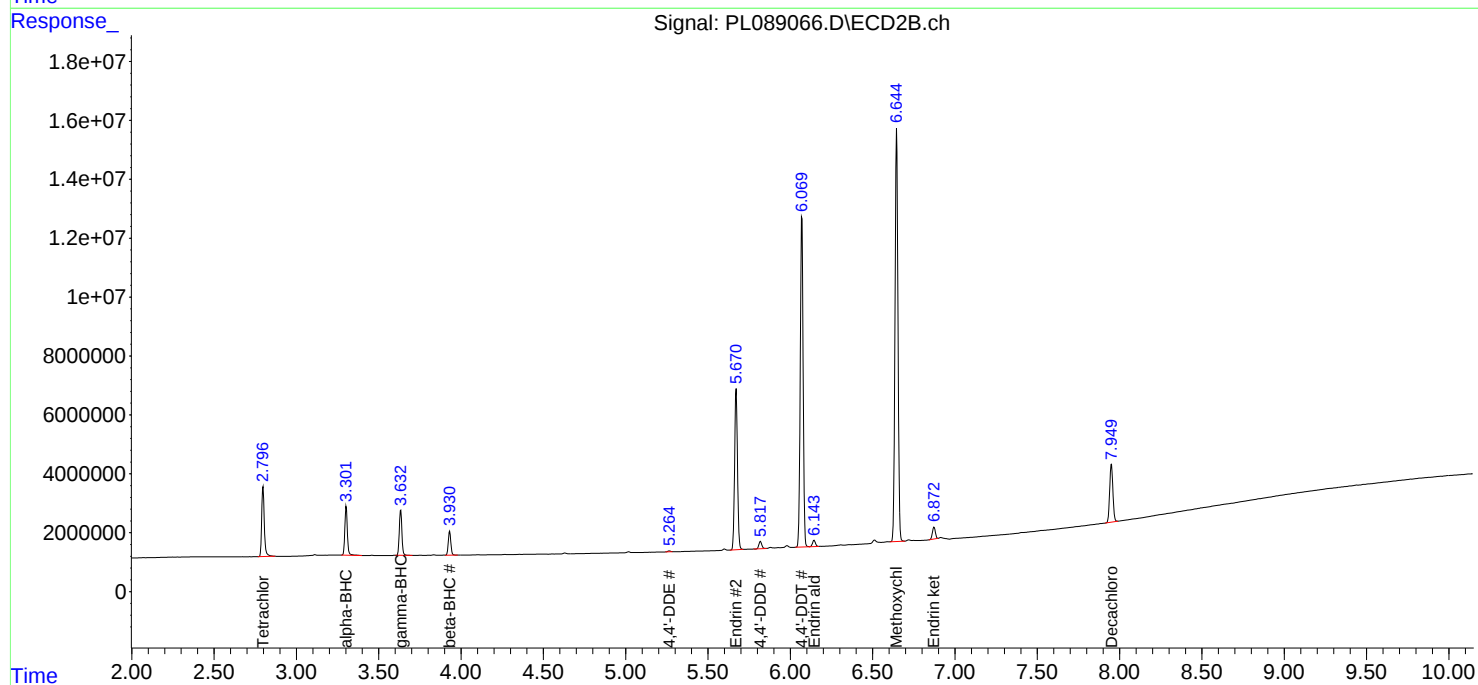
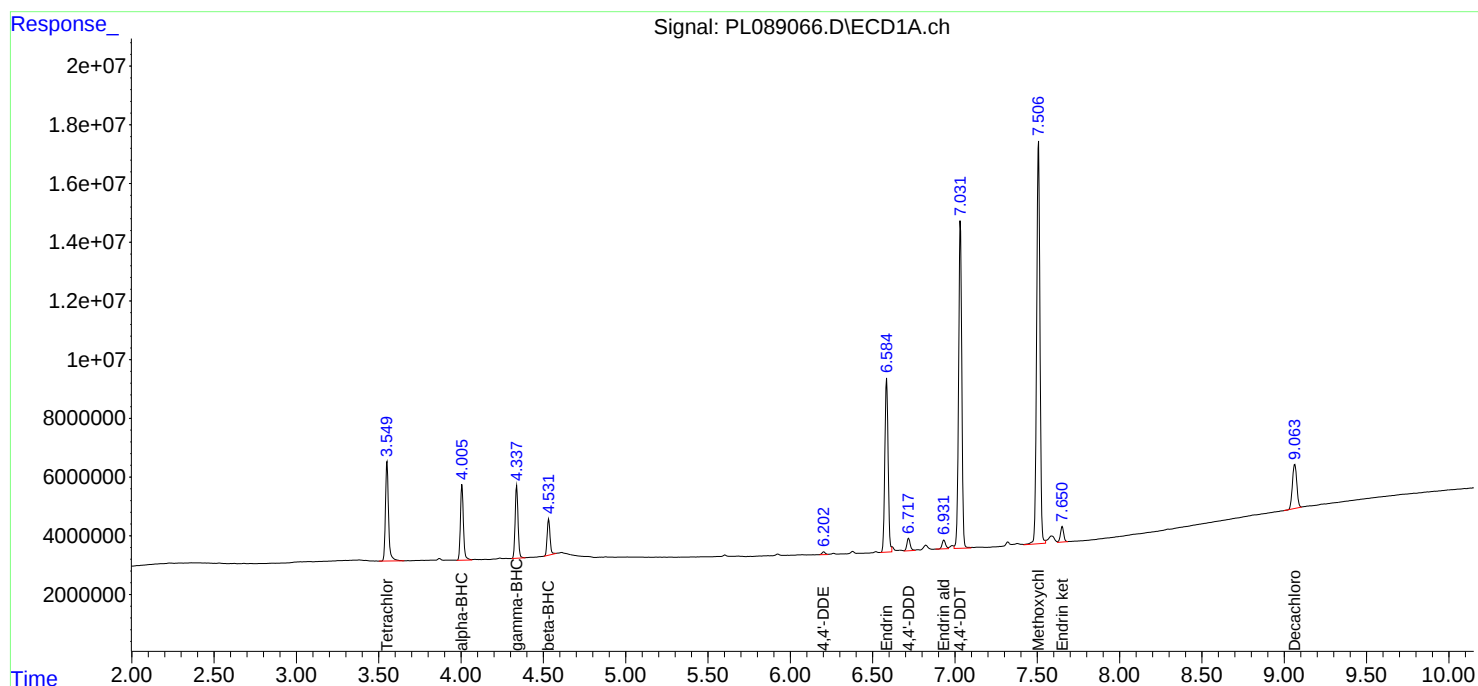
Instrument :
ECD_L
ClientSampleId :
PEM

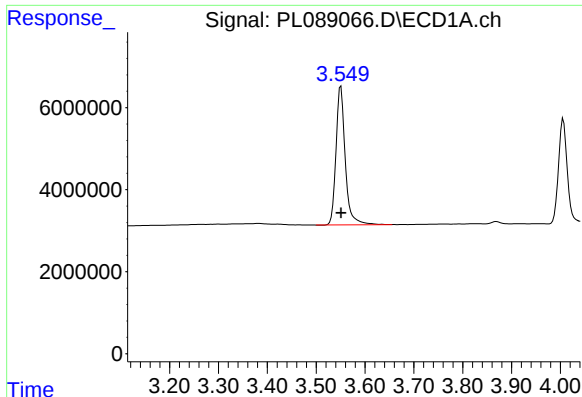
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Integration File signal 1: autoint1.e
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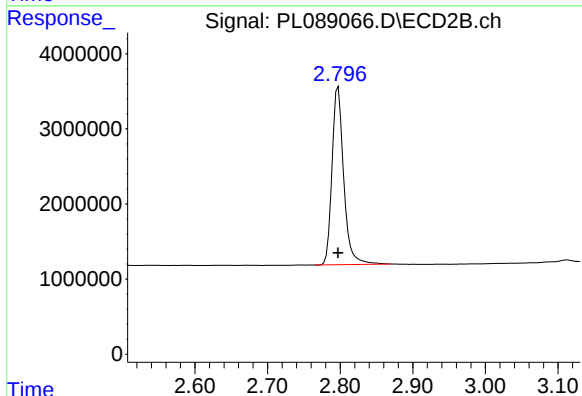
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44678820
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

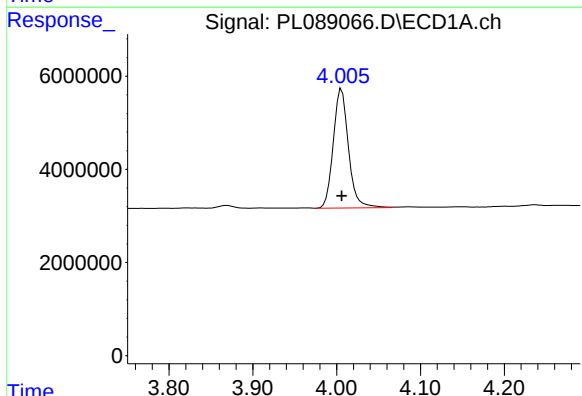
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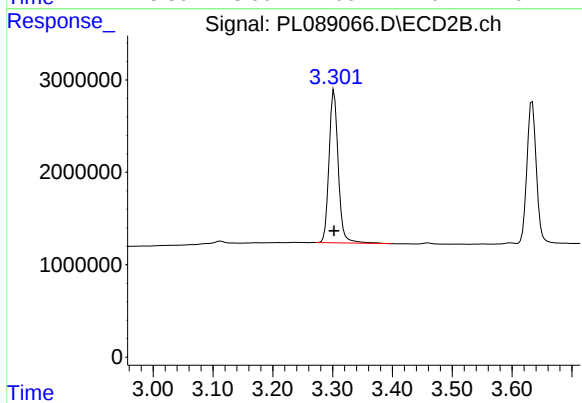
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26591183
Conc: 19.95 ng/ml



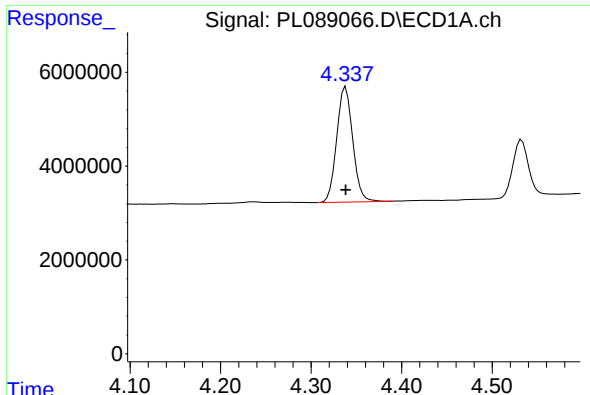
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 32263330
Conc: 10.79 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 17675429
Conc: 8.93 ng/ml



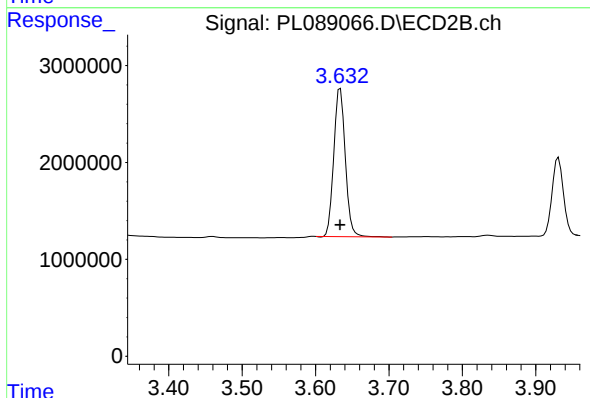
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30261058
Conc: 10.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

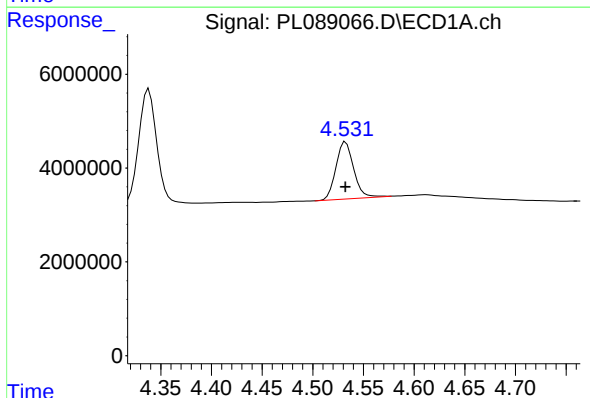
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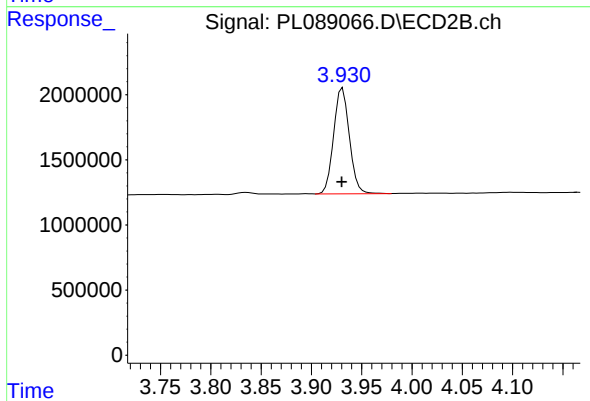
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 16719697
Conc: 8.69 ng/ml



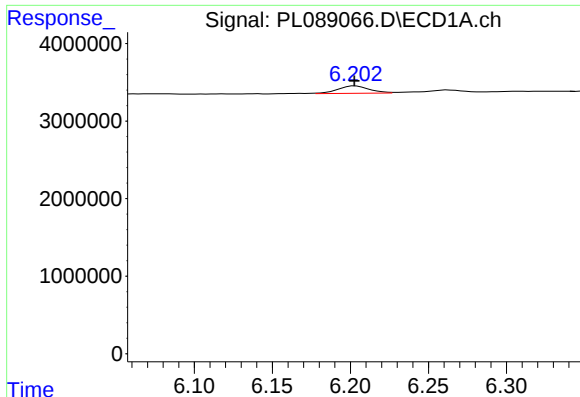
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 14906737
Conc: 11.11 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 8852938
Conc: 10.59 ng/ml



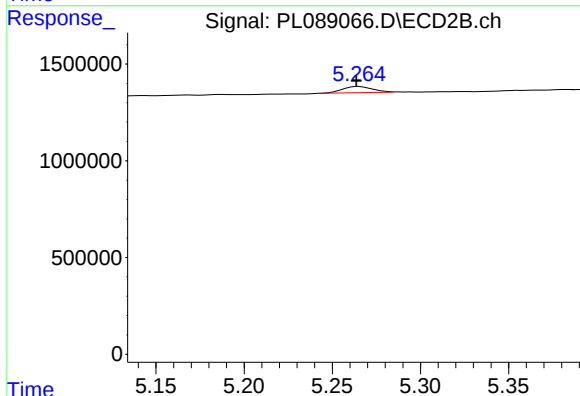
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1321128
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

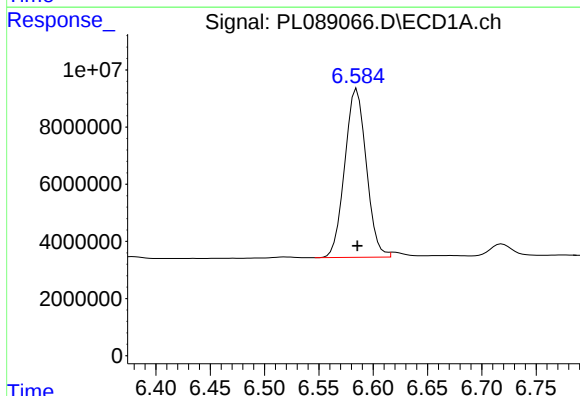
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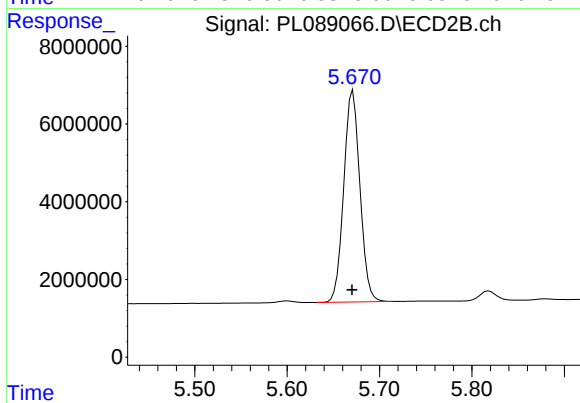
#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 388569
Conc: 0.26 ng/ml m



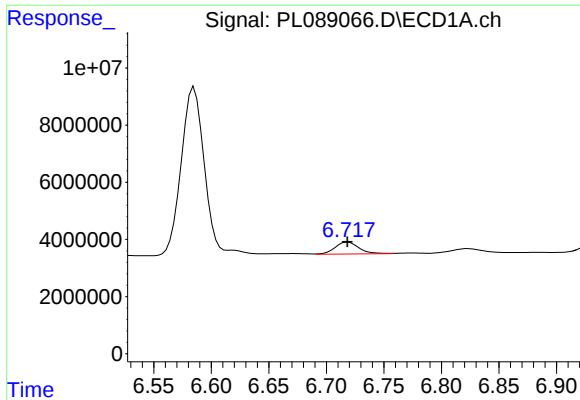
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 81477167
Conc: 43.35 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 66230552
Conc: 45.57 ng/ml



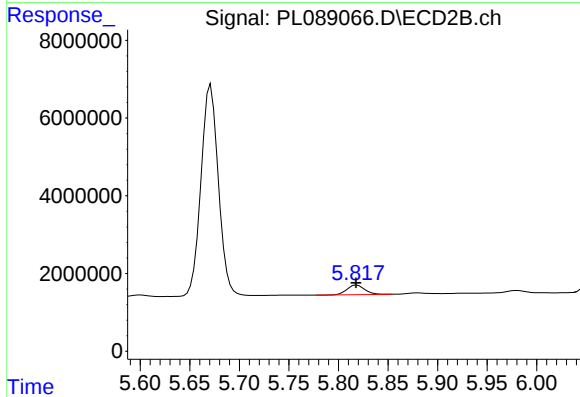
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 6070815
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

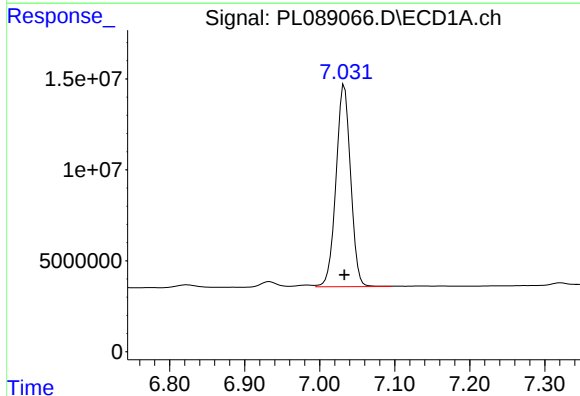
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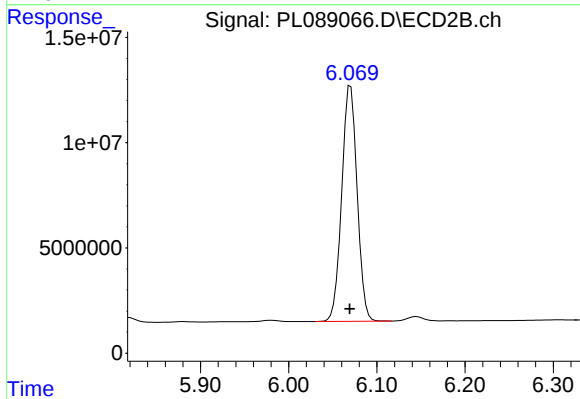
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 3105010
Conc: 2.56 ng/ml



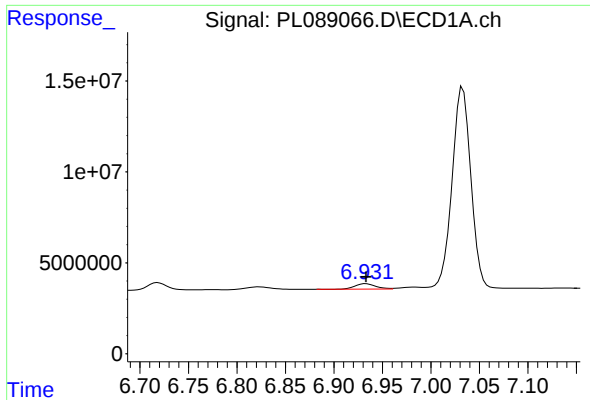
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 150550019
Conc: 82.62 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 135890777
Conc: 103.67 ng/ml



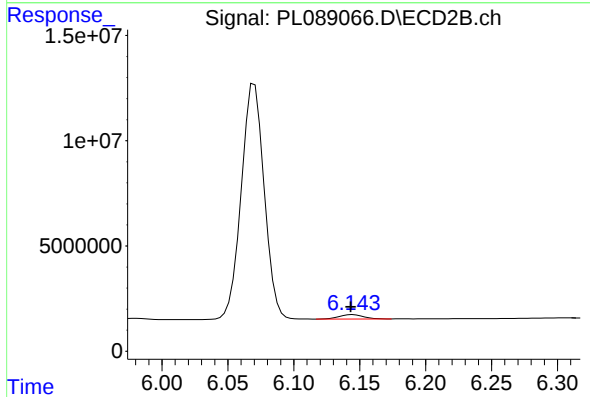
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 4377437
Conc: 2.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

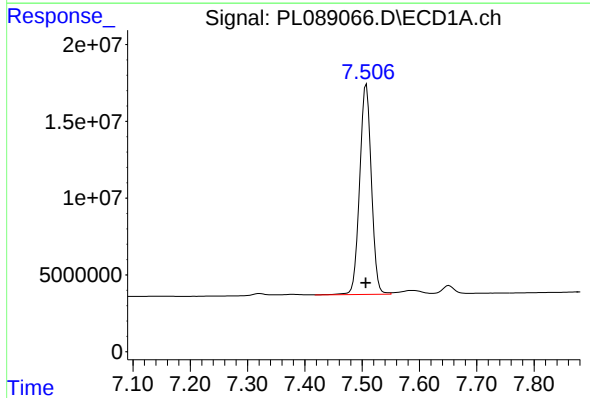
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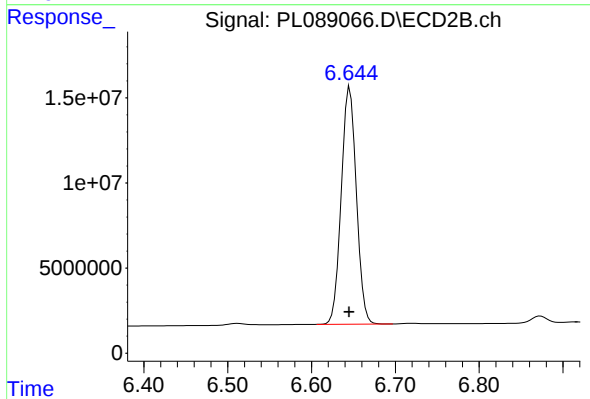
#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 2748811
Conc: 2.50 ng/ml



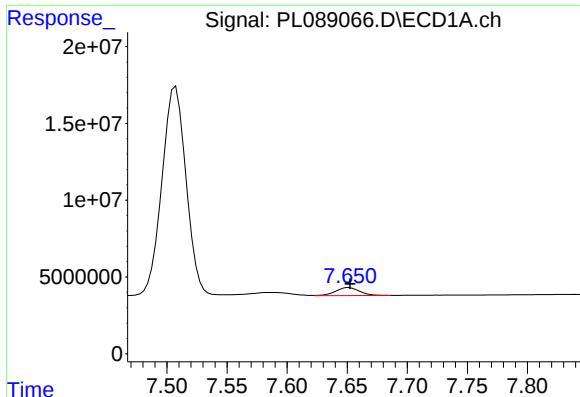
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.001 min
Response: 193658644
Conc: 219.79 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 174980193
Conc: 234.11 ng/ml



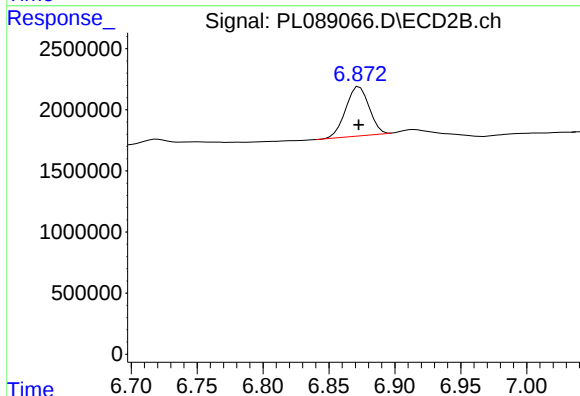
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 7243144
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

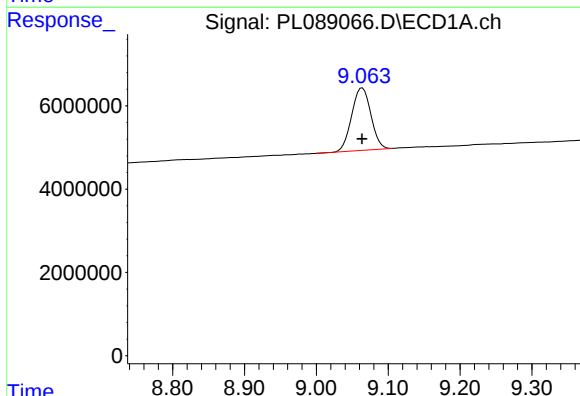
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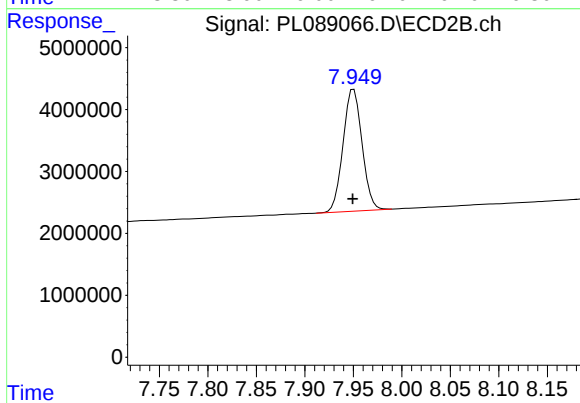
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 4968155
Conc: 3.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 27788855
Conc: 21.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 26790316
Conc: 20.01 ng/ml