

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
 Data File : PL085375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 18:47
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2023
 Supervised By : Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 22:39:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.475	2.682	49219869	23253264	20.123	20.466
28)	SA Decachlor...	9.022	7.860	33729992	23469569	20.975	17.632
Target Compounds							
2)	A alpha-BHC	3.932	3.186	33758718	16016223	9.797	9.793
3)	MA gamma-BHC...	4.267	3.517	32105917	15035238	9.671	9.421
6)	B beta-BHC	4.466	3.819	15686345	7455036	11.099	10.987
12)	B 4,4'-DDE	6.143	5.160	351273	126985	0.169m	0.102m#
14)	MA Endrin	6.522	5.555	86186479	59527542	41.724	46.571
16)	A 4,4'-DDD	6.663	5.715	2788895	1860340	1.811m	1.771
17)	MA 4,4'-DDT	6.981	5.968	164.6E6	117.1E6	97.683	100.443
18)	B Endrin al...	6.874	6.035	1964885	2607426	1.278	2.553m#
20)	A Methoxychlor	7.463	6.552	213.5E6	157.6E6	234.996	234.248
21)	B Endrin ke...	7.593	6.763	3942975	3357575	2.013	2.276

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

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Data File : PL085375.D
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Acq On : 15 Sep 2023 18:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

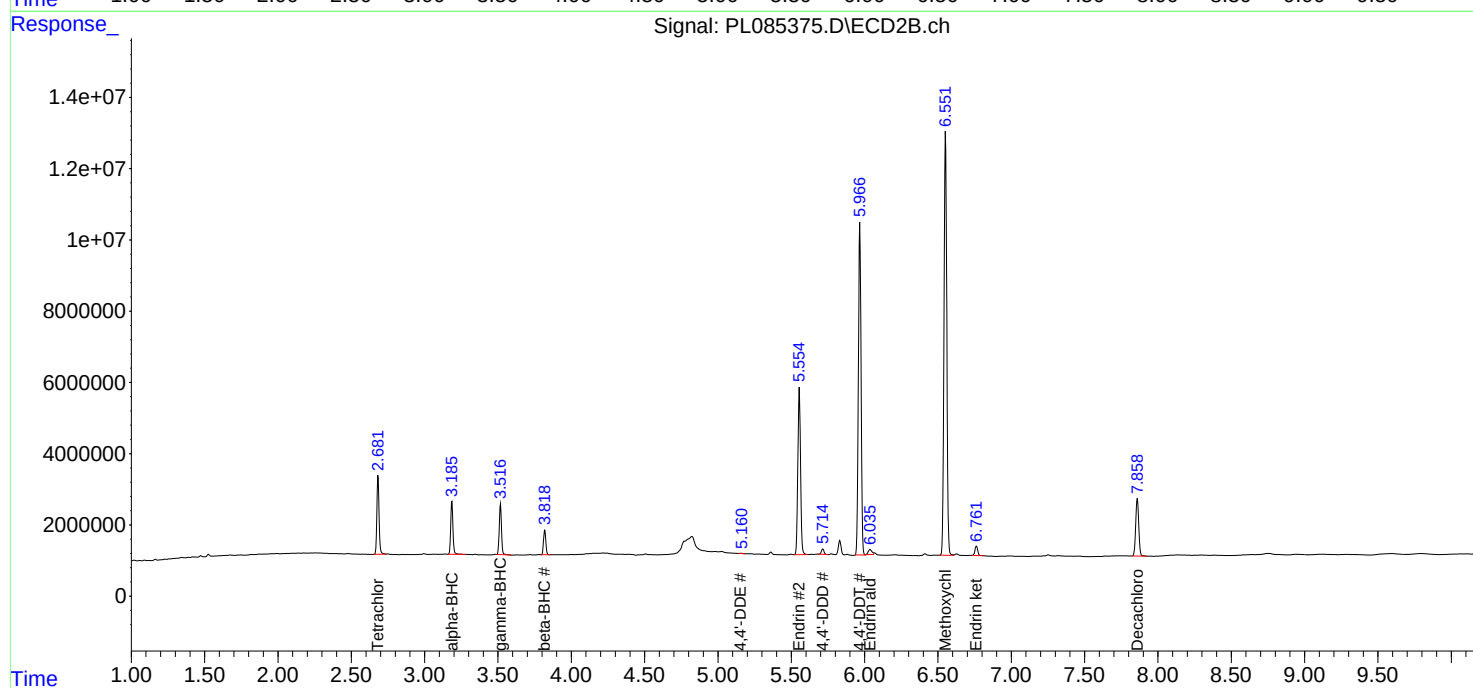
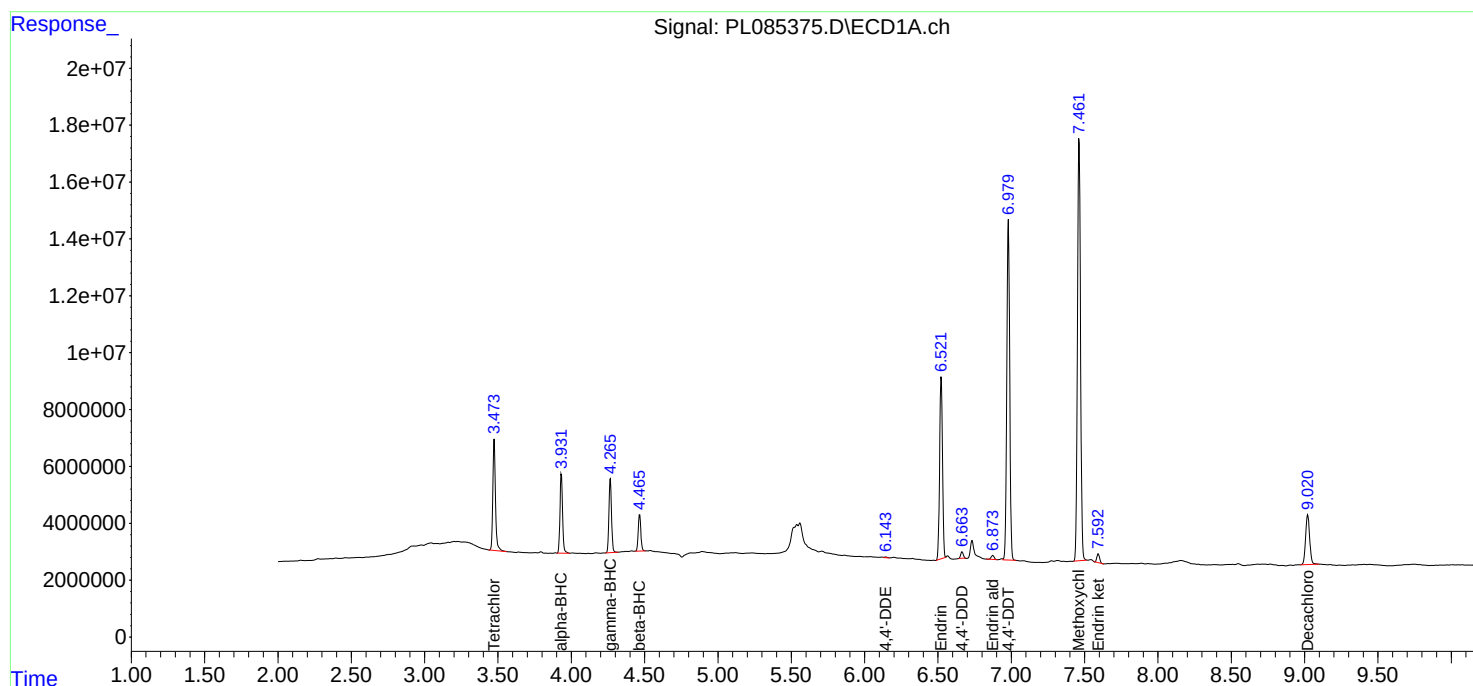
Instrument :
ECD_L
ClientSampleId :
PEM

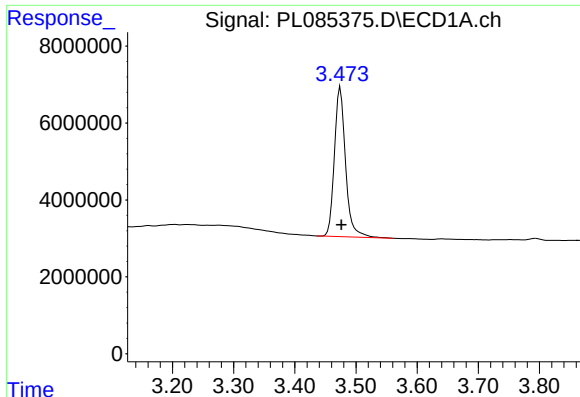
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Supervised By :Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 22:39:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 2023
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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





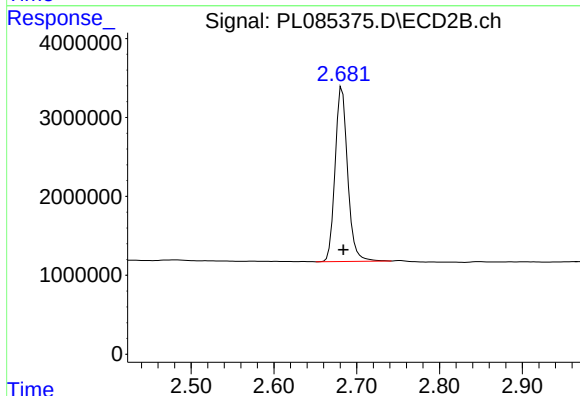
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: -0.001 min
Response: 49219869
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

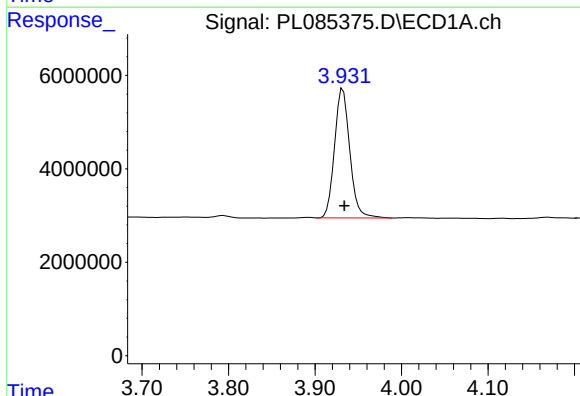
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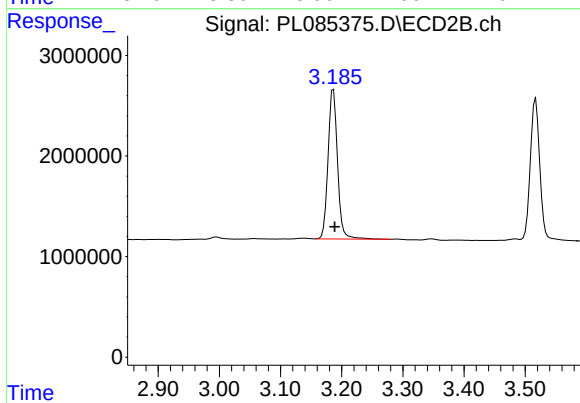
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.002 min
Response: 23253264
Conc: 20.47 ng/ml



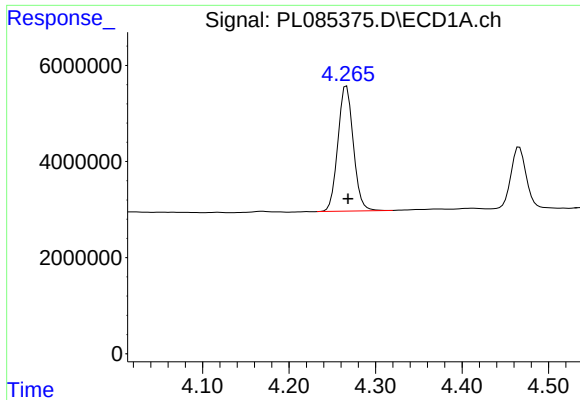
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: -0.002 min
Response: 33758718
Conc: 9.80 ng/ml



#2 alpha-BHC

R.T.: 3.186 min
Delta R.T.: -0.002 min
Response: 16016223
Conc: 9.79 ng/ml



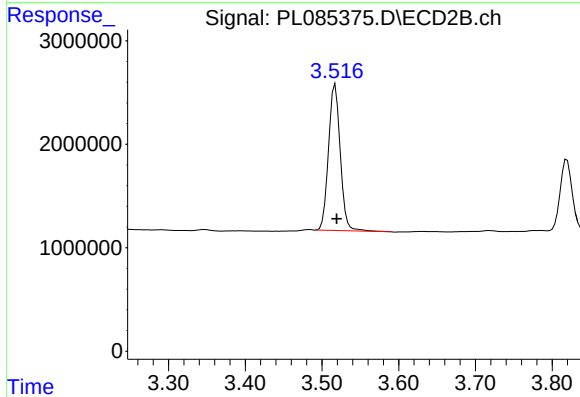
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 32105917
Conc: 9.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

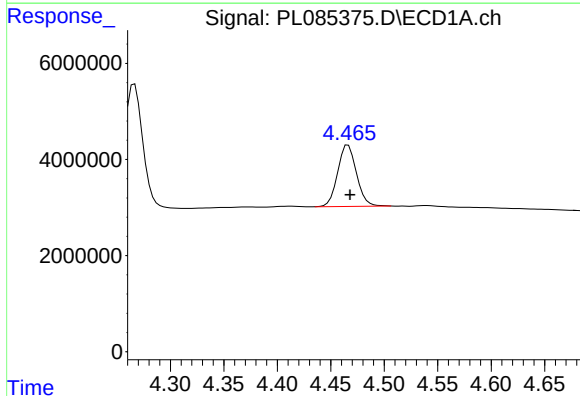
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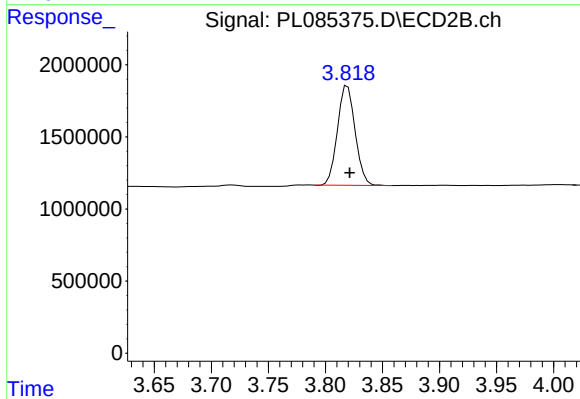
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.002 min
Response: 15035238
Conc: 9.42 ng/ml



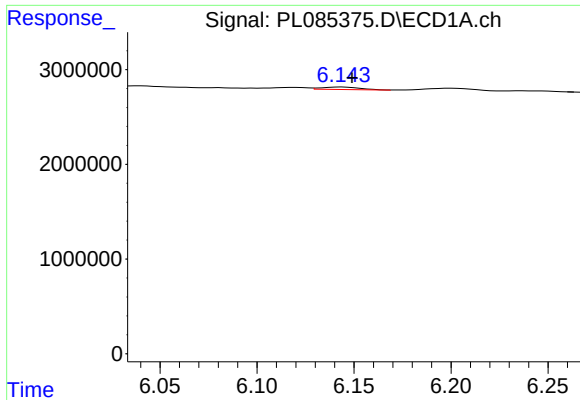
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 15686345
Conc: 11.10 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 7455036
Conc: 10.99 ng/ml



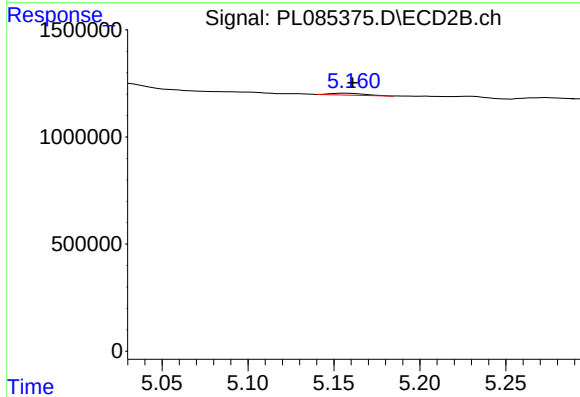
#12 4,4'-DDE

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 351273
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

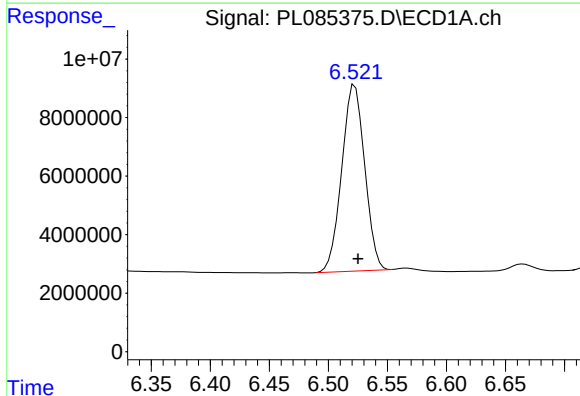
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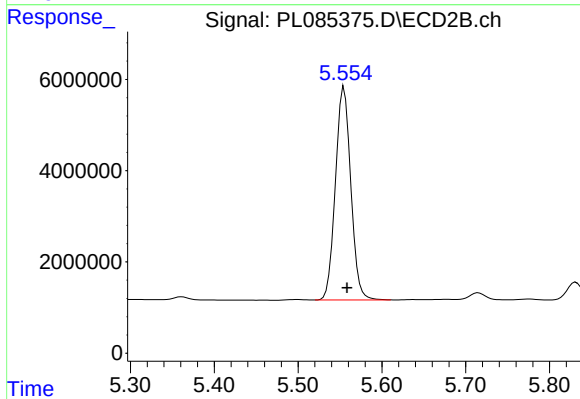
#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.001 min
Response: 126985
Conc: 0.10 ng/ml m



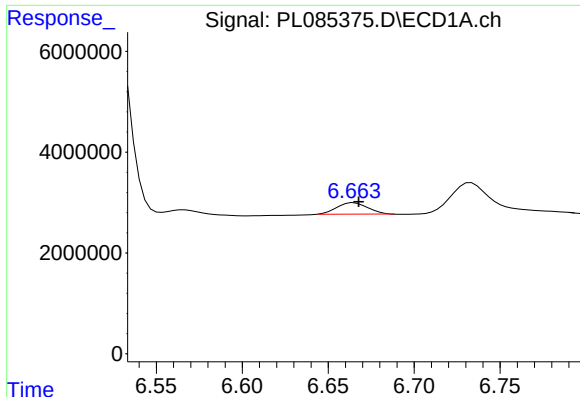
#14 Endrin

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 86186479
Conc: 41.72 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 59527542
Conc: 46.57 ng/ml



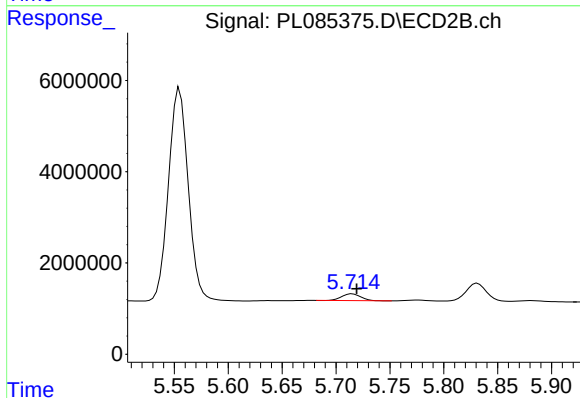
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 2788895
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

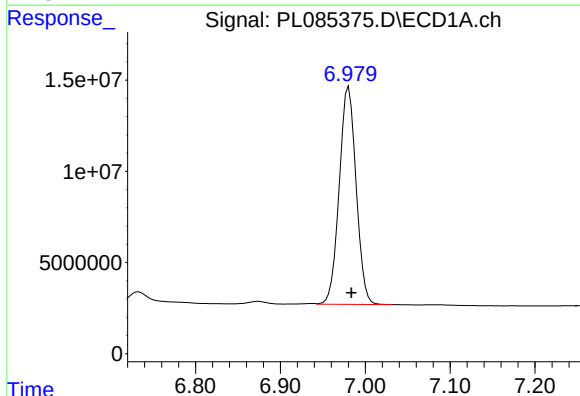
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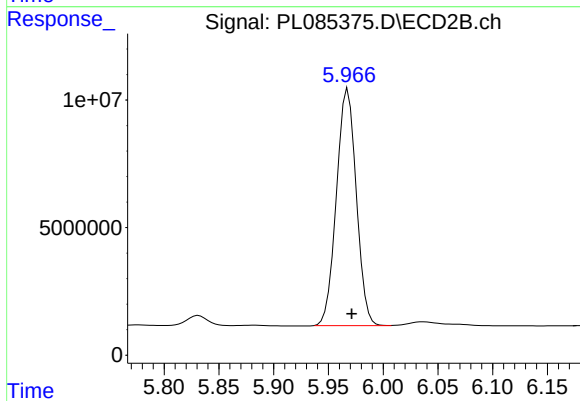
#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 1860340
Conc: 1.77 ng/ml



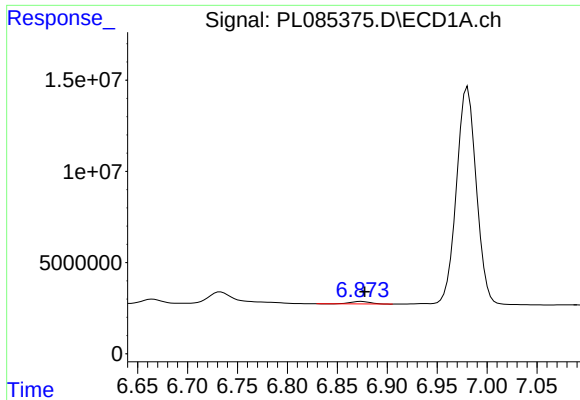
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 164556358
Conc: 97.68 ng/ml



#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.003 min
Response: 117101040
Conc: 100.44 ng/ml



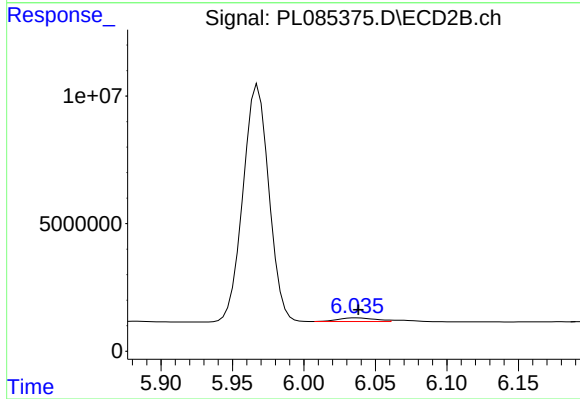
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 1964885
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

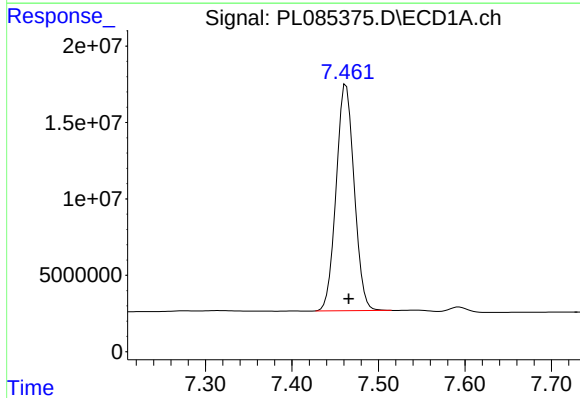
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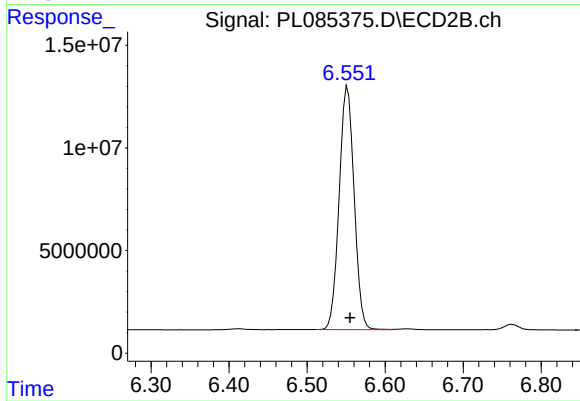
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 2607426
Conc: 2.55 ng/ml m



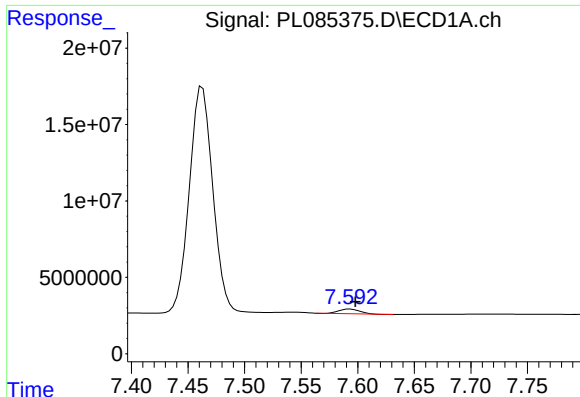
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.003 min
Response: 213518777
Conc: 235.00 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 157582803
Conc: 234.25 ng/ml



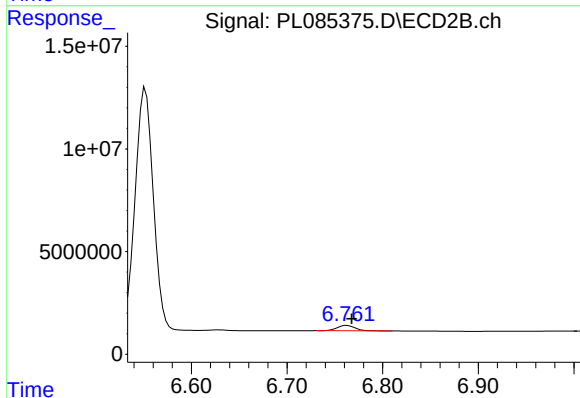
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.005 min
Response: 3942975
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

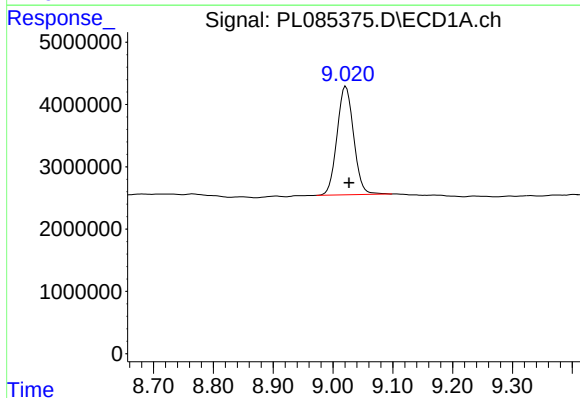
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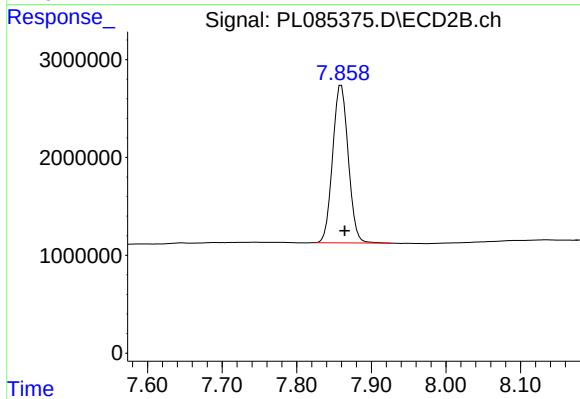
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.005 min
Response: 3357575
Conc: 2.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: -0.006 min
Response: 33729992
Conc: 20.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.005 min
Response: 23469569
Conc: 17.63 ng/ml