

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062122\
 Data File : PL075876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/22/2022
 Supervised By : Ankita Jodhani 06/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:19:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 2022
 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...	5.643	4.637	13274391	30591008	19.669	18.229
28)	SA Decachlor...	11.637	10.379	10631602	21196920	17.366	15.044
Target Compounds							
2)	A alpha-BHC	6.227	5.339	8185466	18813672	8.708	8.309
3)	MA gamma-BHC...	6.625	5.759	8168525	18700149	9.306	8.623
6)	B beta-BHC	6.878	6.138	3949098	9312210	9.622	9.487
12)	B 4,4'-DDE	8.665	7.622	48583	38335	0.073m	0.024m#
14)	MA Endrin	9.061	8.042	23917057	60305574	40.338	44.111
16)	A 4,4'-DDD	9.202	8.205	345219	860784	0.631	0.655
17)	MA 4,4'-DDT	9.521	8.466	48214597	129.7E6	75.267	92.293
18)	B Endrin al...	9.429	8.540	576149	2009541	1.125	1.784 #
20)	A Methoxychlor	10.006	9.058	69535264	163.1E6	194.248	200.201
21)	B Endrin ke...	10.172	9.286	1737030	3474008	2.470	2.152

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

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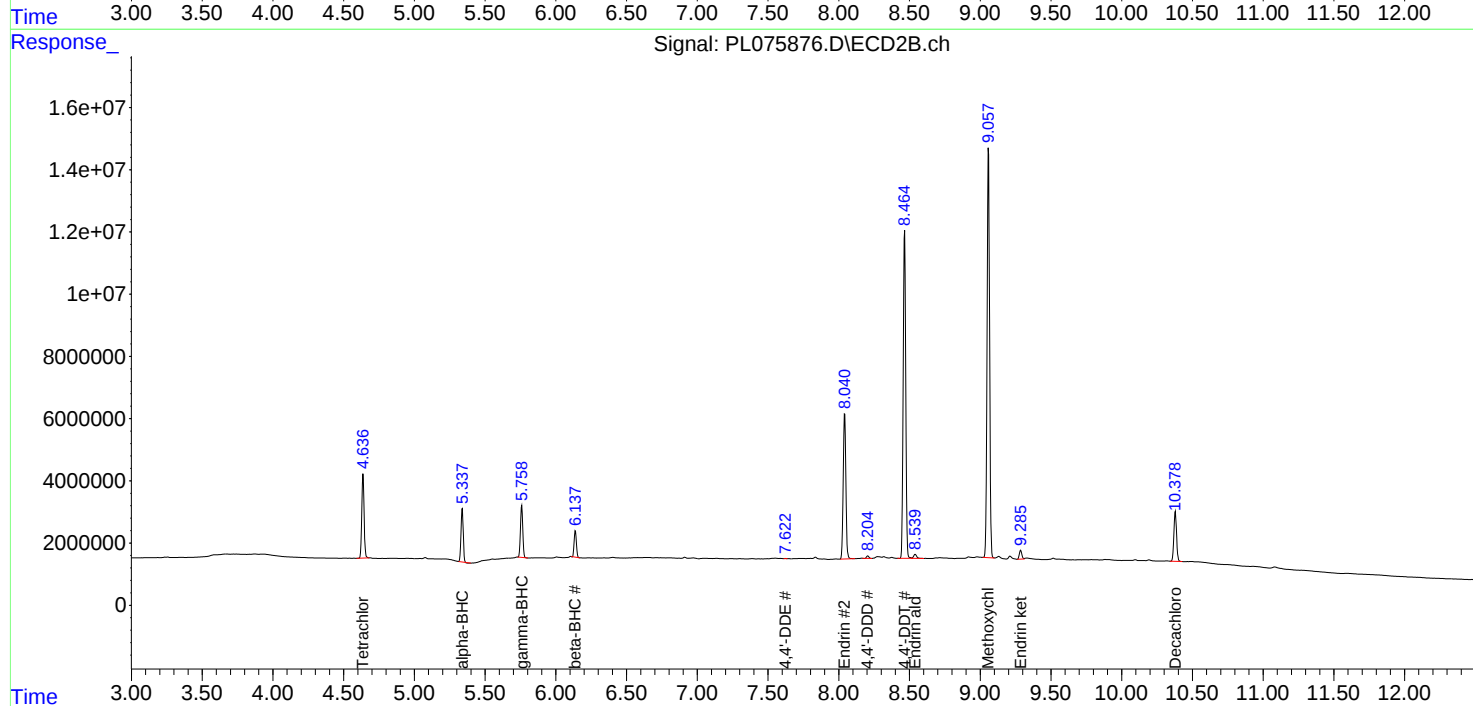
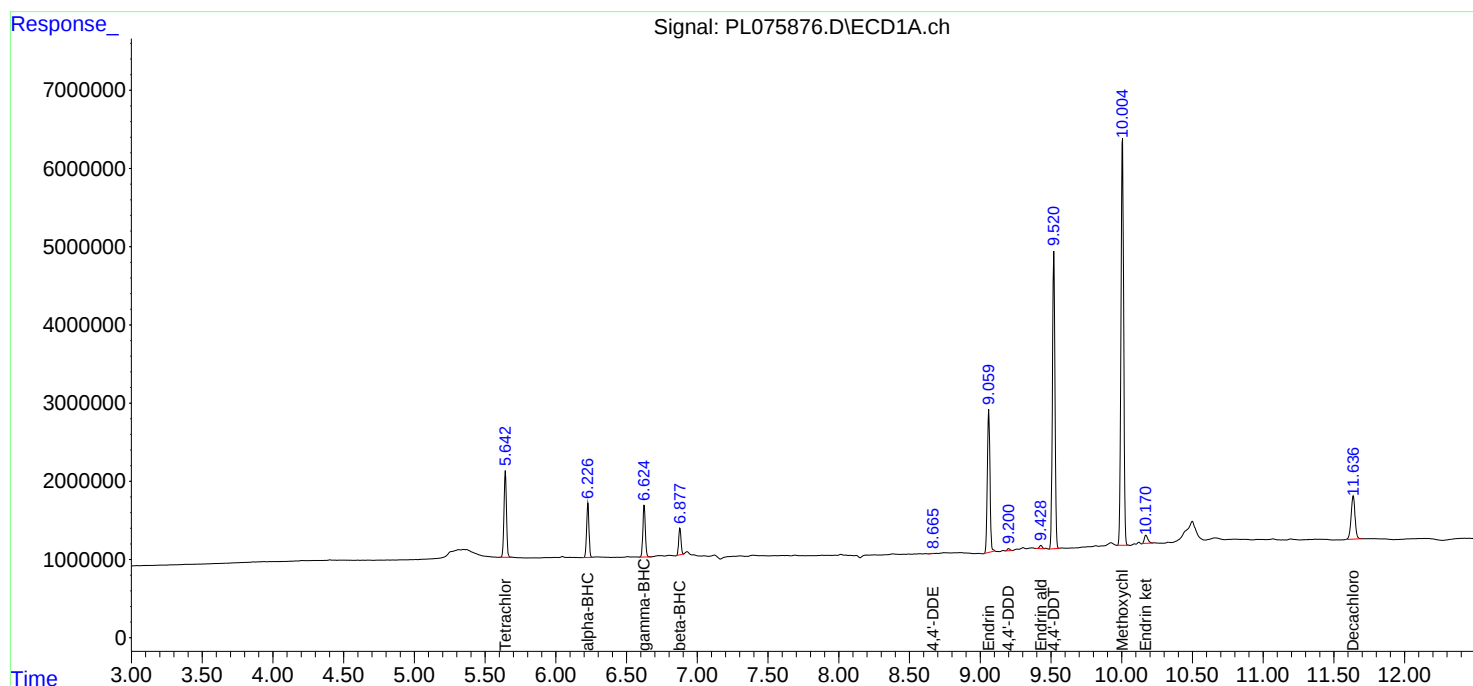
Instrument :
ECD_L
ClientSampleId :
PEM

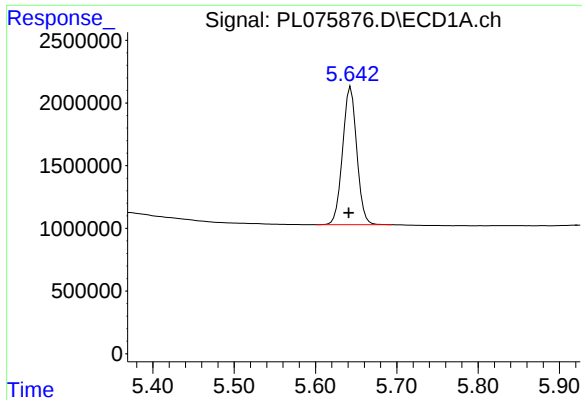
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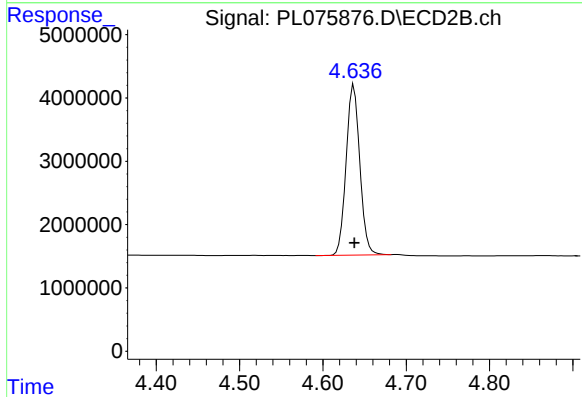
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 13274391
Conc: 19.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

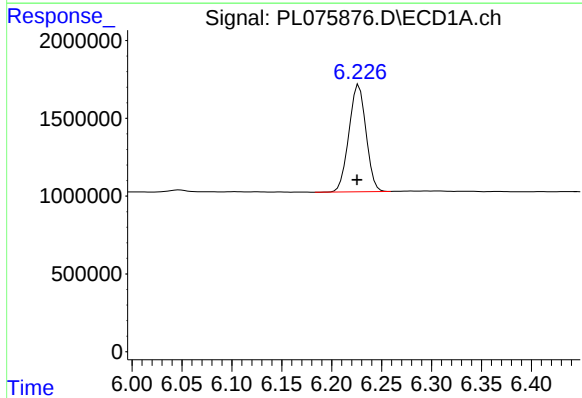
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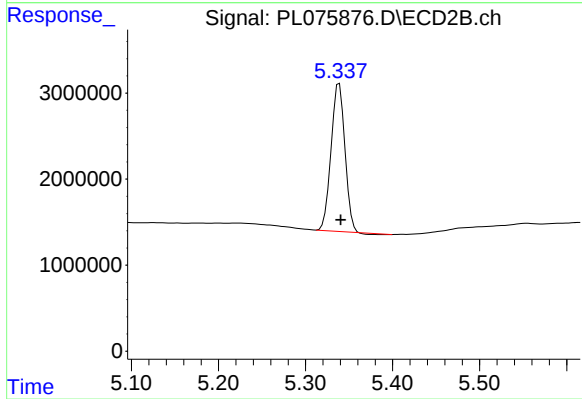
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 30591008
Conc: 18.23 ng/ml



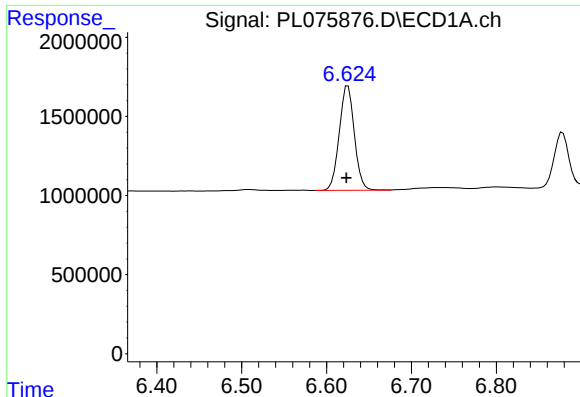
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 8185466
Conc: 8.71 ng/ml



#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 18813672
Conc: 8.31 ng/ml



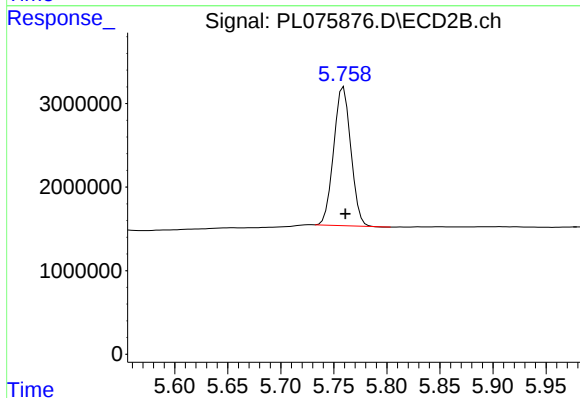
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.002 min
Response: 8168525
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

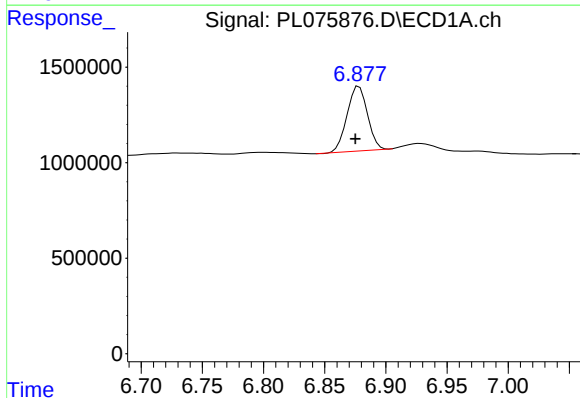
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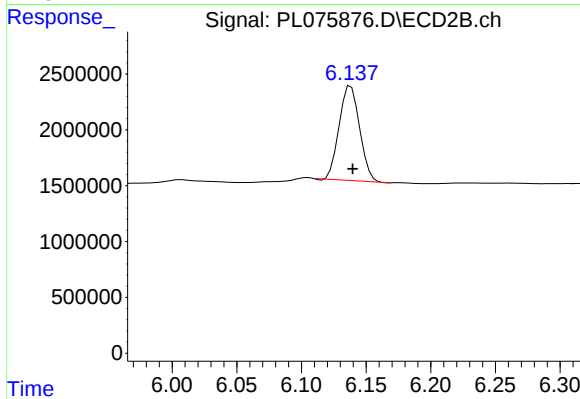
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 18700149
Conc: 8.62 ng/ml



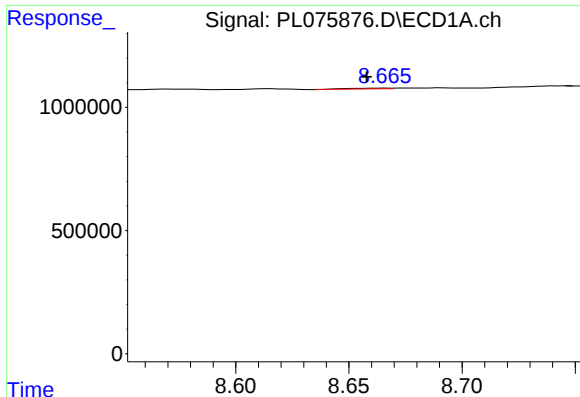
#6 beta-BHC

R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 3949098
Conc: 9.62 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 9312210
Conc: 9.49 ng/ml



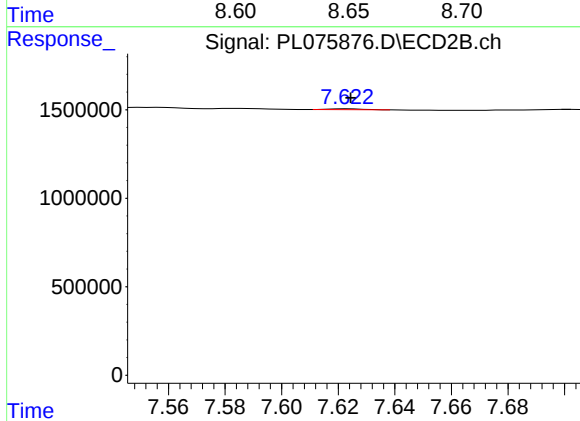
#12 4,4'-DDE

R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 48583
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

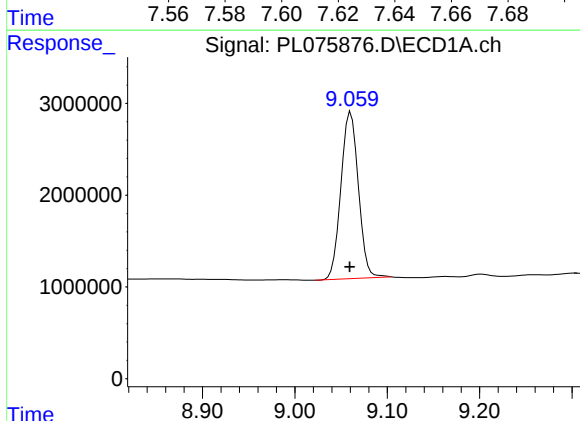
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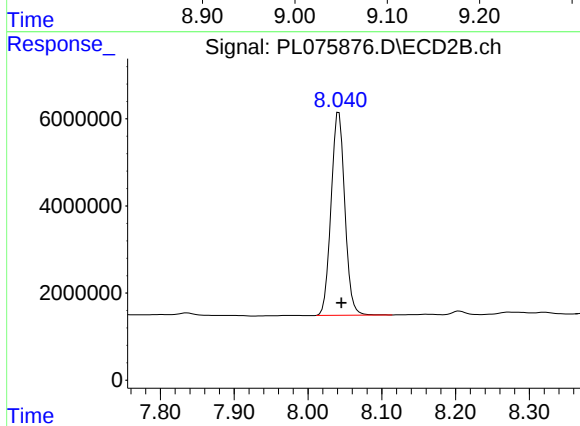
#12 4,4'-DDE

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 38335
Conc: 0.02 ng/ml m



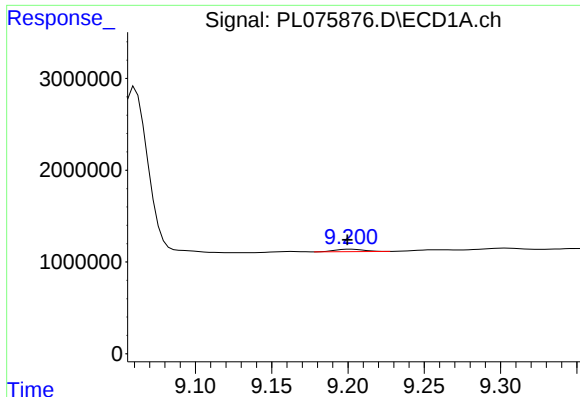
#14 Endrin

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 23917057
Conc: 40.34 ng/ml



#14 Endrin

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 60305574
Conc: 44.11 ng/ml



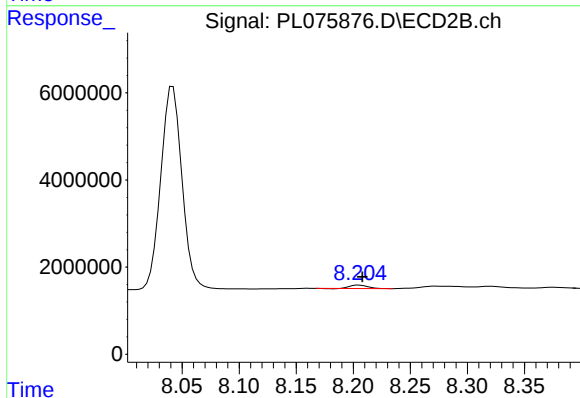
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: 0.002 min
Response: 345219
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

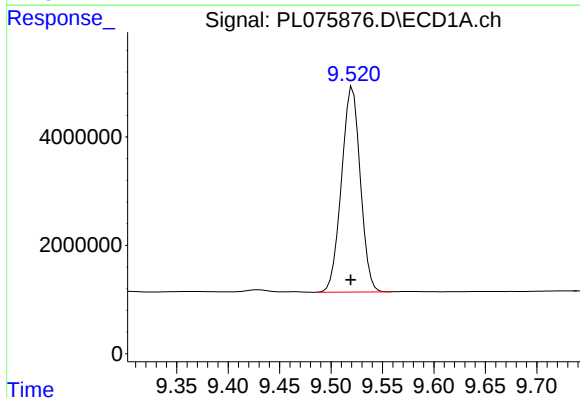
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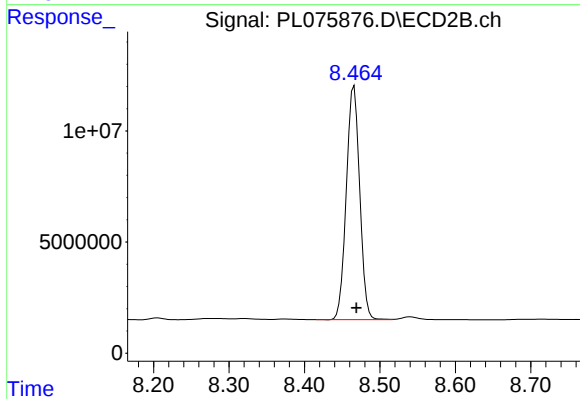
#16 4,4'-DDD

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 860784
Conc: 0.65 ng/ml



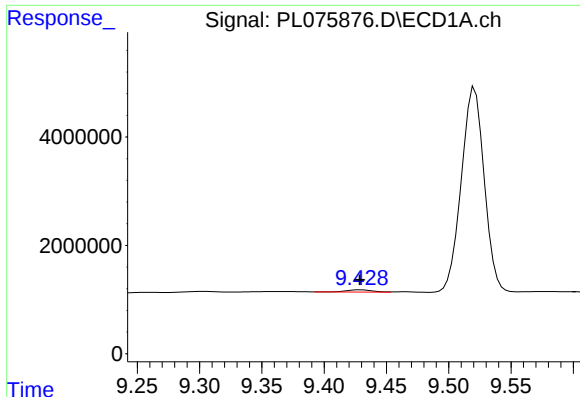
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.002 min
Response: 48214597
Conc: 75.27 ng/ml



#17 4,4'-DDT

R.T.: 8.466 min
Delta R.T.: -0.003 min
Response: 129743070
Conc: 92.29 ng/ml



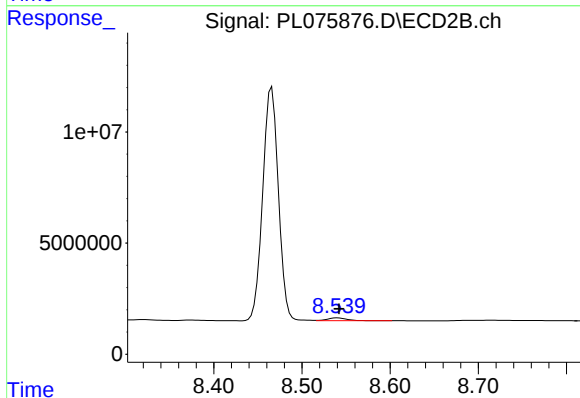
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 576149
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

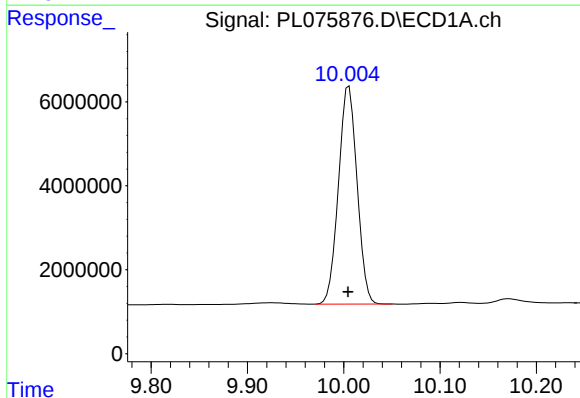
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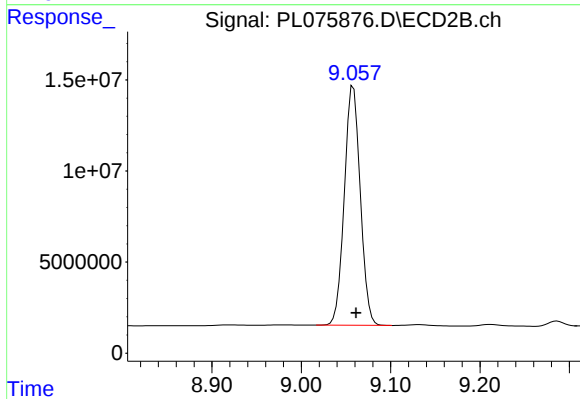
#18 Endrin aldehyde

R.T.: 8.540 min
Delta R.T.: -0.002 min
Response: 2009541
Conc: 1.78 ng/ml



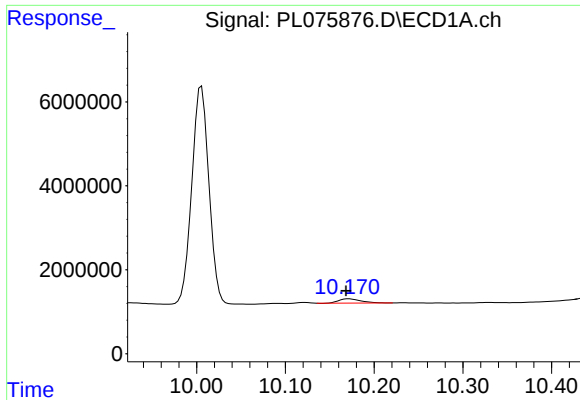
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: 0.001 min
Response: 69535264
Conc: 194.25 ng/ml



#20 Methoxychlor

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 163092774
Conc: 200.20 ng/ml



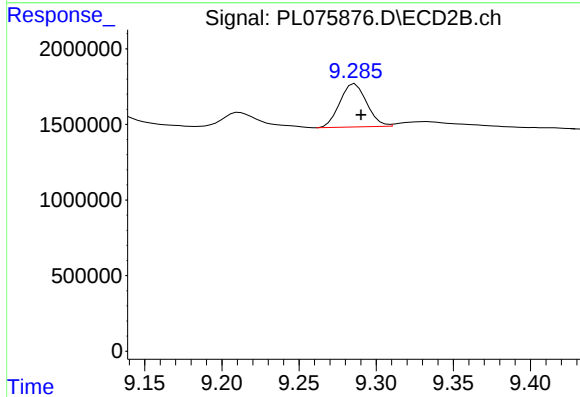
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 1737030
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

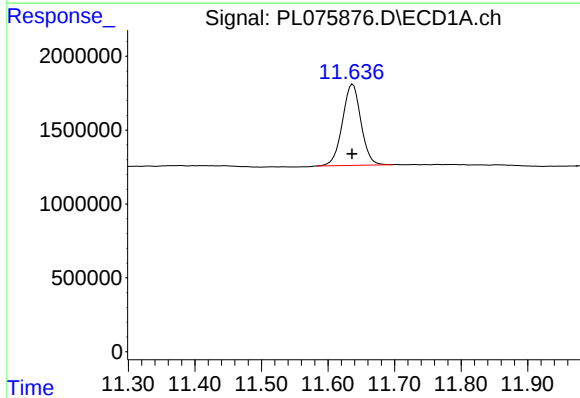
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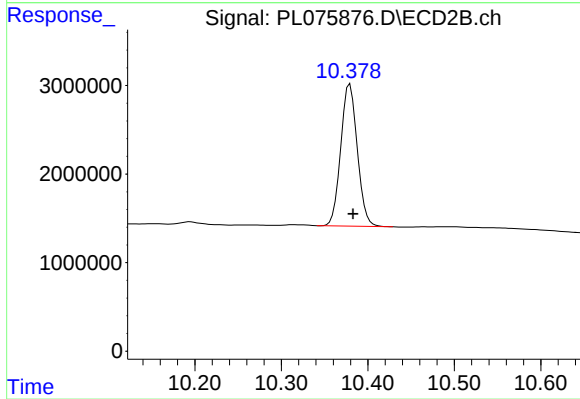
#21 Endrin ketone

R.T.: 9.286 min
Delta R.T.: -0.004 min
Response: 3474008
Conc: 2.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.637 min
Delta R.T.: 0.001 min
Response: 10631602
Conc: 17.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.004 min
Response: 21196920
Conc: 15.04 ng/ml