

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061722\
 Data File : PL075833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2022 09:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2022
 Supervised By : Ankita Jodhani 06/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 22:25:59 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...	5.642	4.636	13993401	34383923	20.734	20.489
28)	SA Decachlor...	11.639	10.379	12311708	26426011	20.110	18.756
Target Compounds							
2)	A alpha-BHC	6.226	5.337	8790835	21754899	9.352	9.608
3)	MA gamma-BHC...	6.625	5.758	8686787	20696362	9.897	9.544
6)	B beta-BHC	6.877	6.137	4045589	10456006	9.857	10.653
12)	B 4,4'-DDE	8.657	7.621	24773	120890	0.037m	0.076m#
14)	MA Endrin	9.061	8.041	28637597	68859540	48.300	50.368
16)	A 4,4'-DDD	9.200	8.203	1629396	4001698	2.978	3.043m
17)	MA 4,4'-DDT	9.521	8.465	56482925	136.3E6	88.174	96.990
18)	B Endrin al...	9.429	8.540	482721	2000997	0.943	1.777 #
20)	A Methoxychlor	10.006	9.058	78706665	176.0E6	219.868	216.089
21)	B Endrin ke...	10.170	9.286	2198125	5013388	3.126	3.106

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

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Acq On : 17 Jun 2022 09:36
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

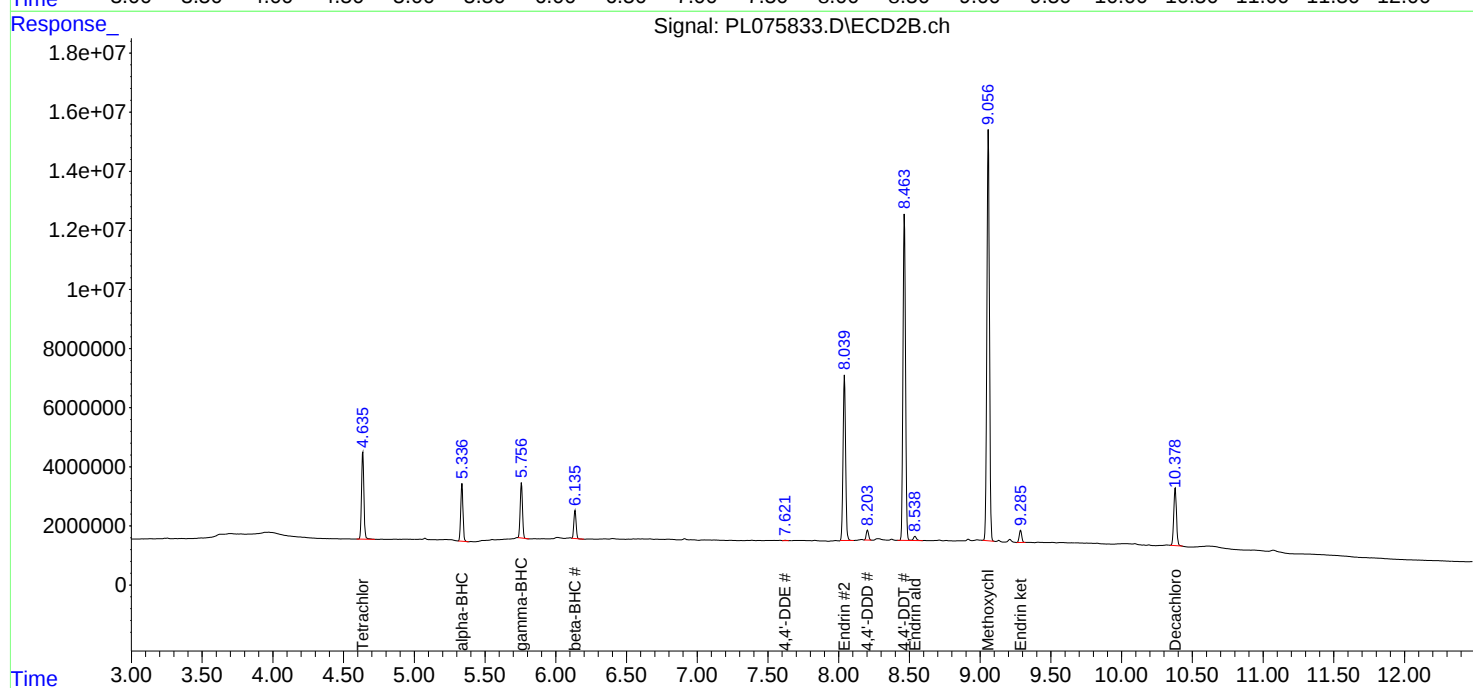
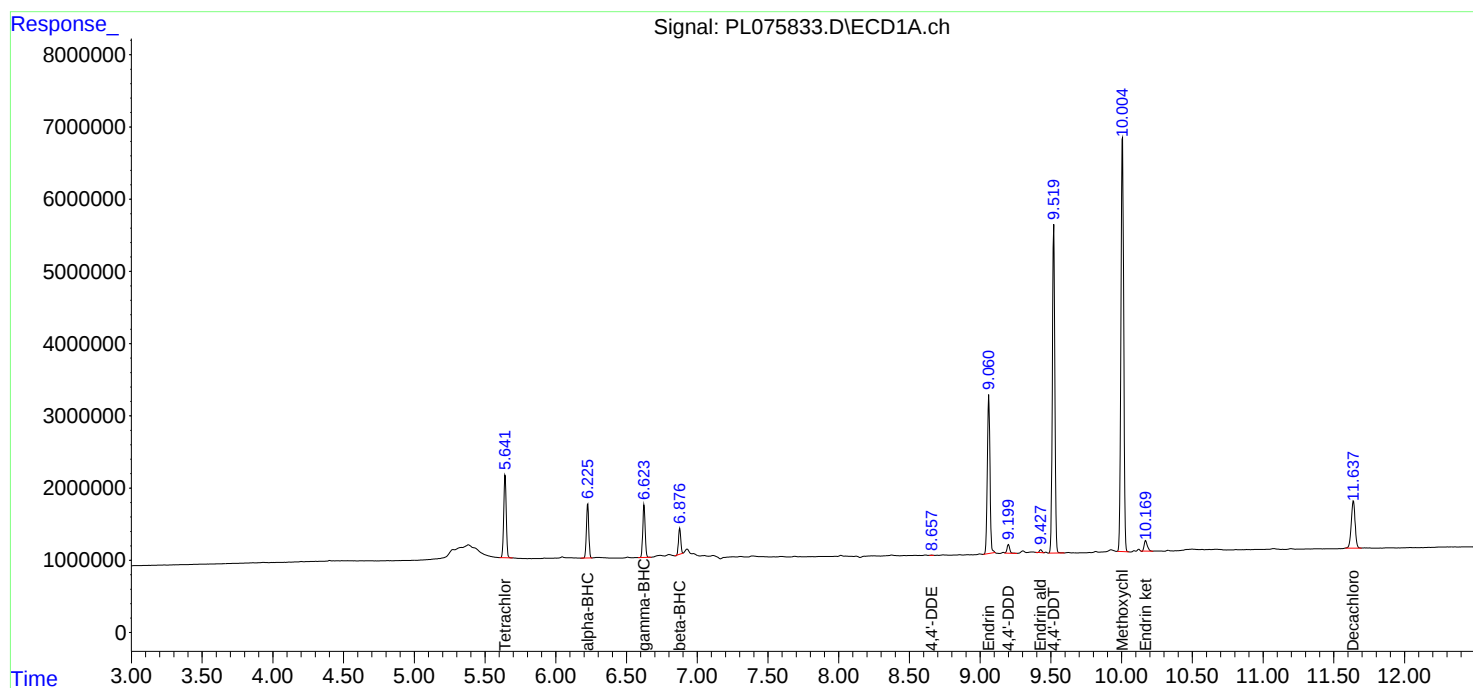
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PEM

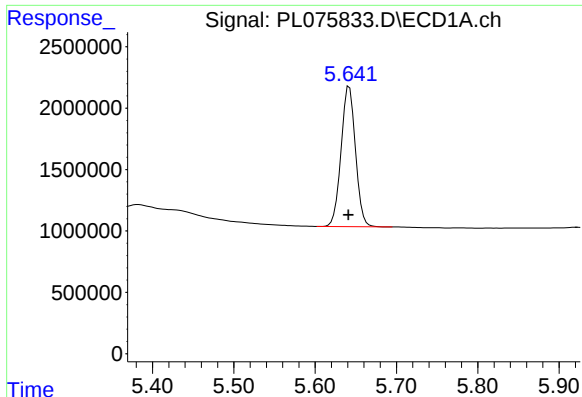
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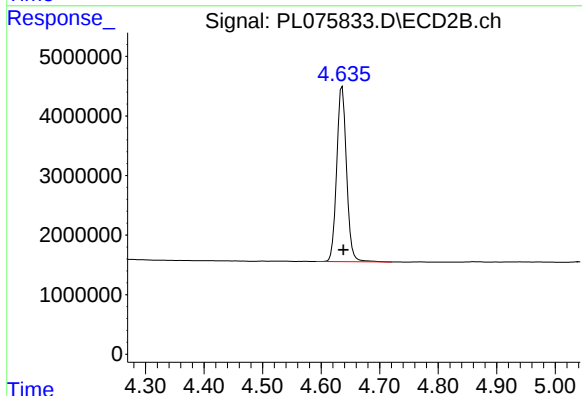
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.001 min
Response: 13993401
Conc: 20.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

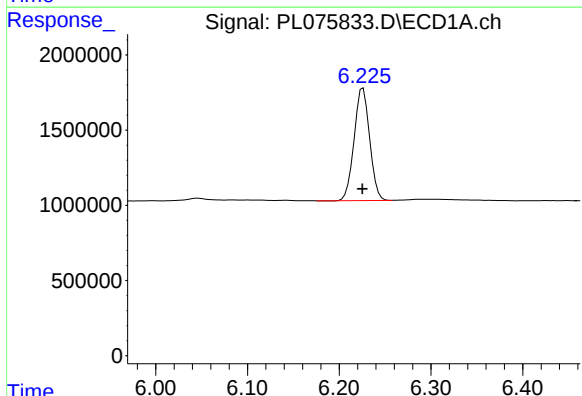
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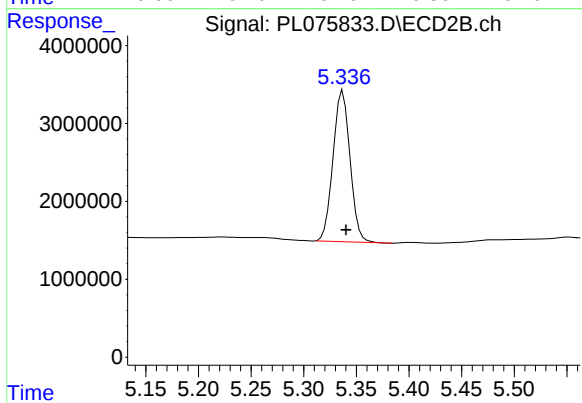
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 34383923
Conc: 20.49 ng/ml



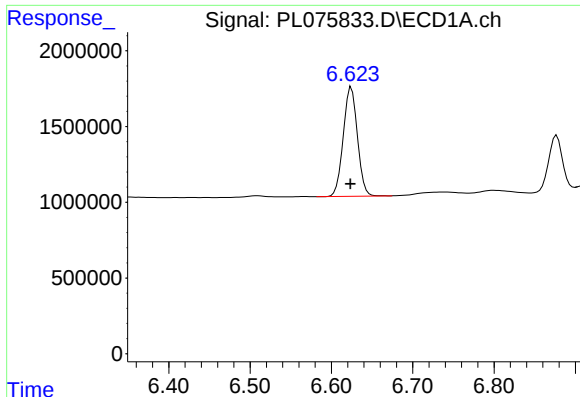
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 8790835
Conc: 9.35 ng/ml



#2 alpha-BHC

R.T.: 5.337 min
Delta R.T.: -0.003 min
Response: 21754899
Conc: 9.61 ng/ml



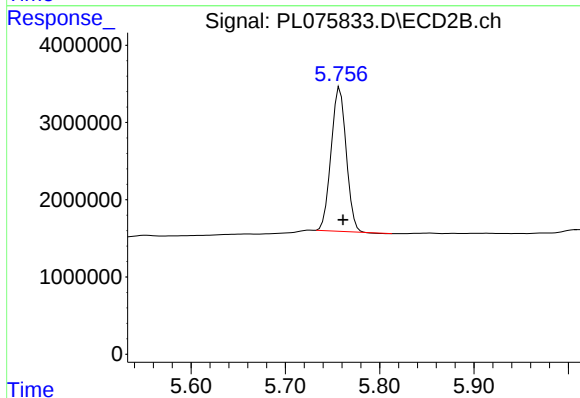
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.001 min
Response: 8686787
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

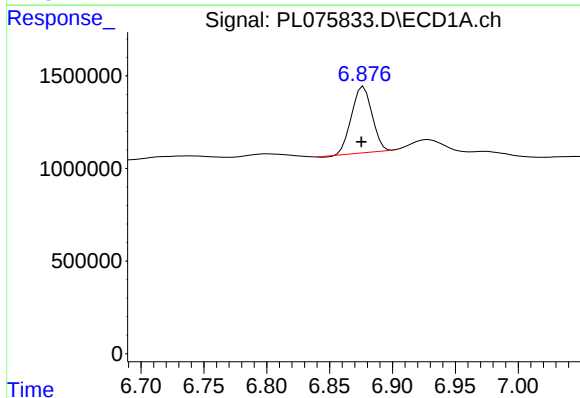
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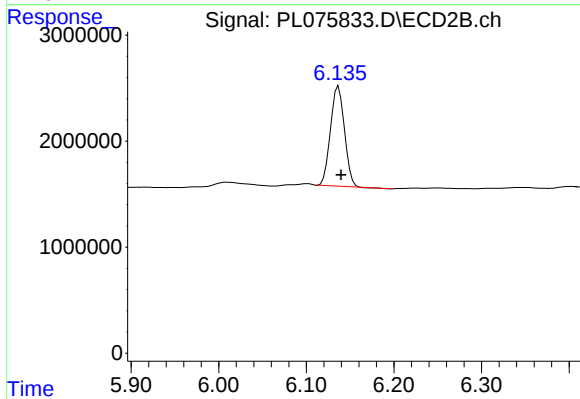
#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 20696362
Conc: 9.54 ng/ml



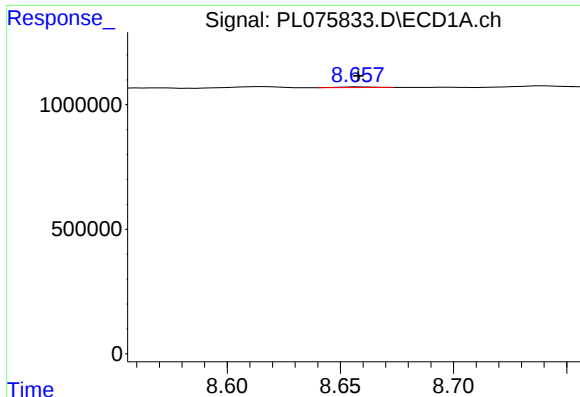
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 4045589
Conc: 9.86 ng/ml



#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 10456006
Conc: 10.65 ng/ml



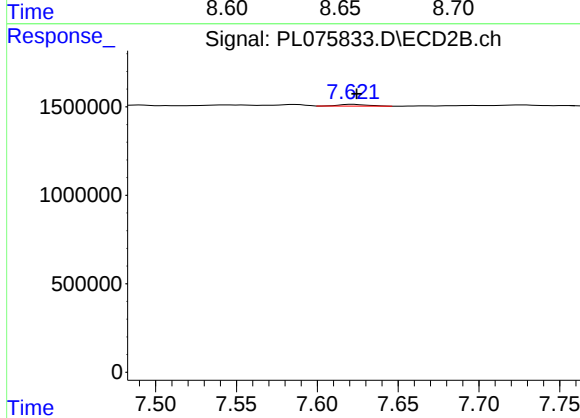
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: -0.001 min
Response: 24773
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

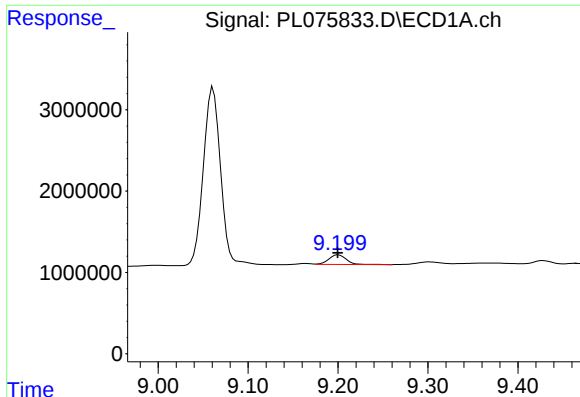
R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 120890
Conc: 0.08 ng/ml m

#14 Endrin

R.T.: 9.061 min
Delta R.T.: 0.002 min
Response: 28637597
Conc: 48.30 ng/ml

#14 Endrin

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 68859540
Conc: 50.37 ng/ml



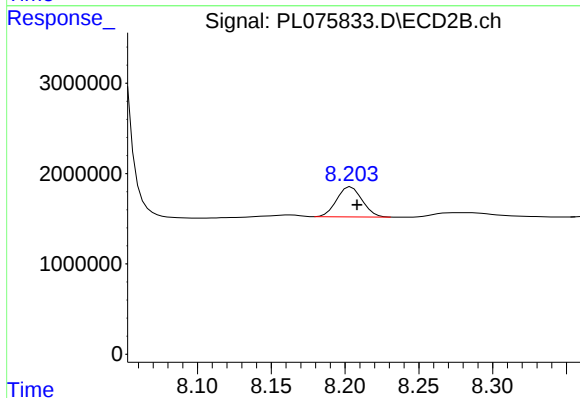
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 1629396
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

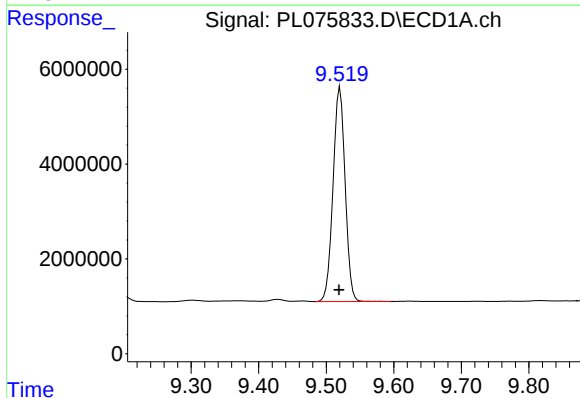
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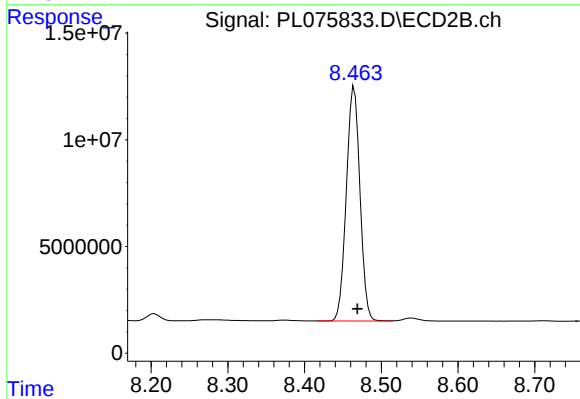
#16 4,4'-DDD

R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 4001698
Conc: 3.04 ng/ml m



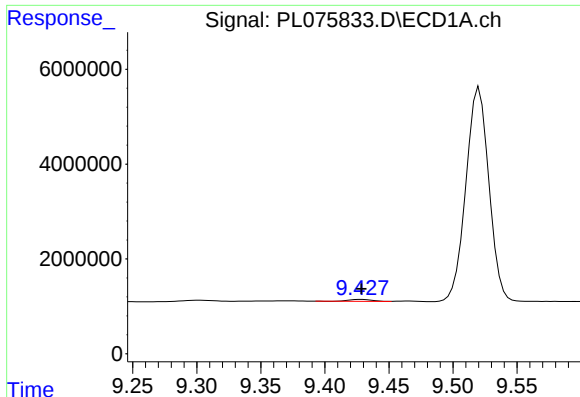
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.001 min
Response: 56482925
Conc: 88.17 ng/ml



#17 4,4'-DDT

R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 136345325
Conc: 96.99 ng/ml



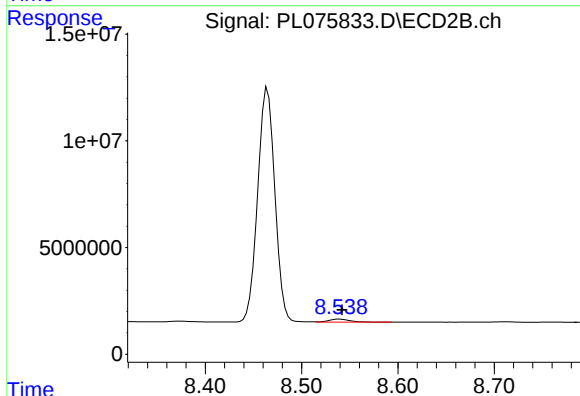
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 482721
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

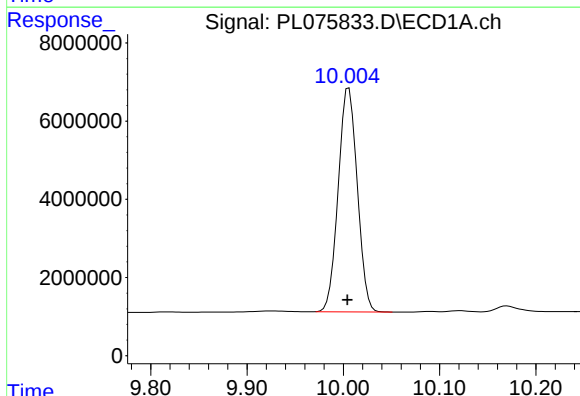
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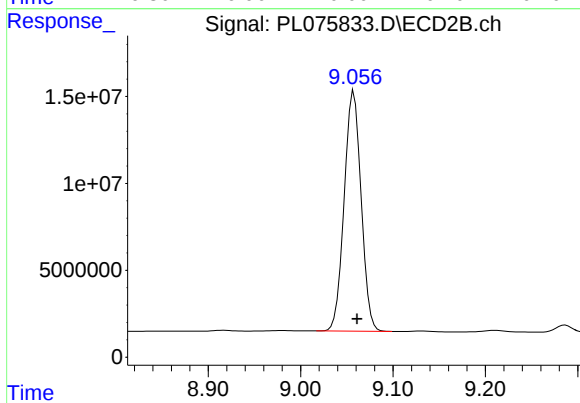
#18 Endrin aldehyde

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2000997
Conc: 1.78 ng/ml



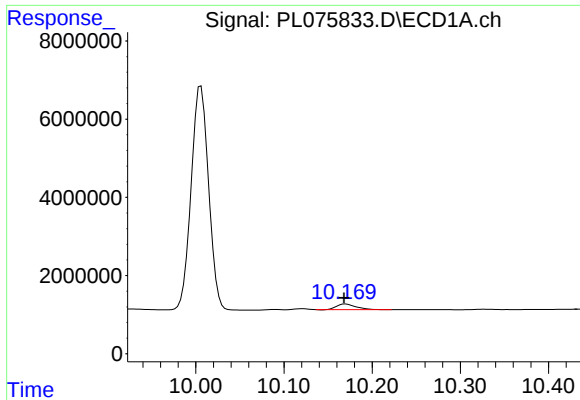
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: 0.002 min
Response: 78706665
Conc: 219.87 ng/ml



#20 Methoxychlor

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 176035779
Conc: 216.09 ng/ml



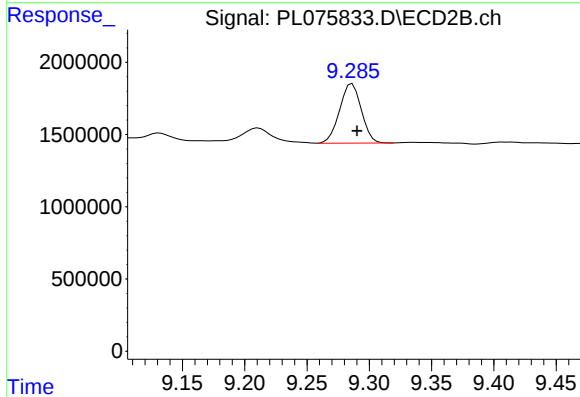
#21 Endrin ketone

R.T.: 10.170 min
Delta R.T.: 0.002 min
Response: 2198125
Conc: 3.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

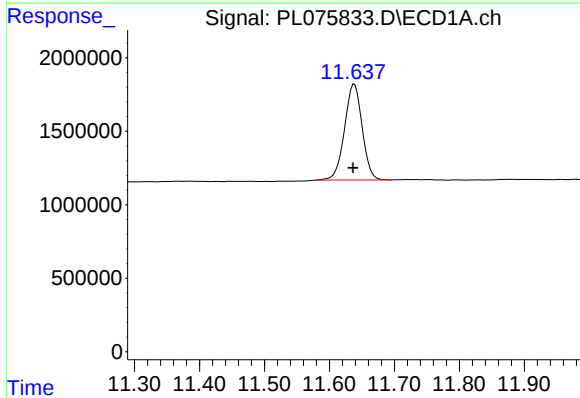
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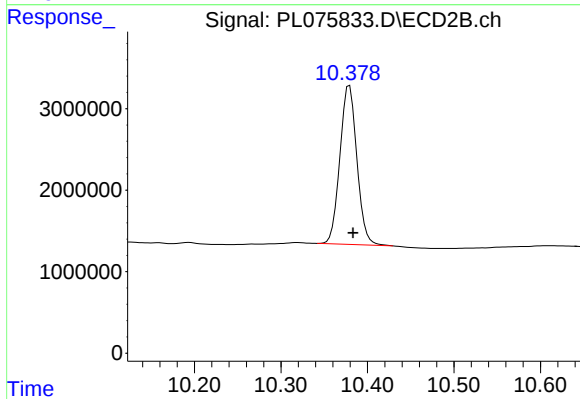
#21 Endrin ketone

R.T.: 9.286 min
Delta R.T.: -0.004 min
Response: 5013388
Conc: 3.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: 0.002 min
Response: 12311708
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.004 min
Response: 26426011
Conc: 18.76 ng/ml