

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060922\
 Data File : PL075658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2022 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2022
 Supervised By : Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 23:44:29 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...	5.644	4.638	15796317	36318304	23.406	21.641
28)	SA Decachlor...	11.641	10.385	15330768	30337921	25.041	21.532
Target Compounds							
2)	A alpha-BHC	6.228	5.340	10083003	22769134	10.727	10.056
3)	MA gamma-BHC...	6.626	5.761	9649452	22013949	10.994	10.151
6)	B beta-BHC	6.878	6.140	4348970	11163947	10.596	11.374
12)	B 4,4'-DDE	8.661	7.625	129806	464725	0.196	0.291m#
14)	MA Endrin	9.063	8.046	35706342	78317520	60.222	57.287
16)	A 4,4'-DDD	9.203	8.209	1662091	4002308	3.038	3.044
17)	MA 4,4'-DDT	9.523	8.471	66793816	146.7E6	104.271	104.356
18)	B Endrin al...	9.432	8.545	506226	1275809	0.988	1.133
20)	A Methoxychlor	10.009	9.064	90976634	185.5E6	254.144	227.717
21)	B Endrin ke...	10.174	9.292	1938372	3802799	2.756	2.356

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

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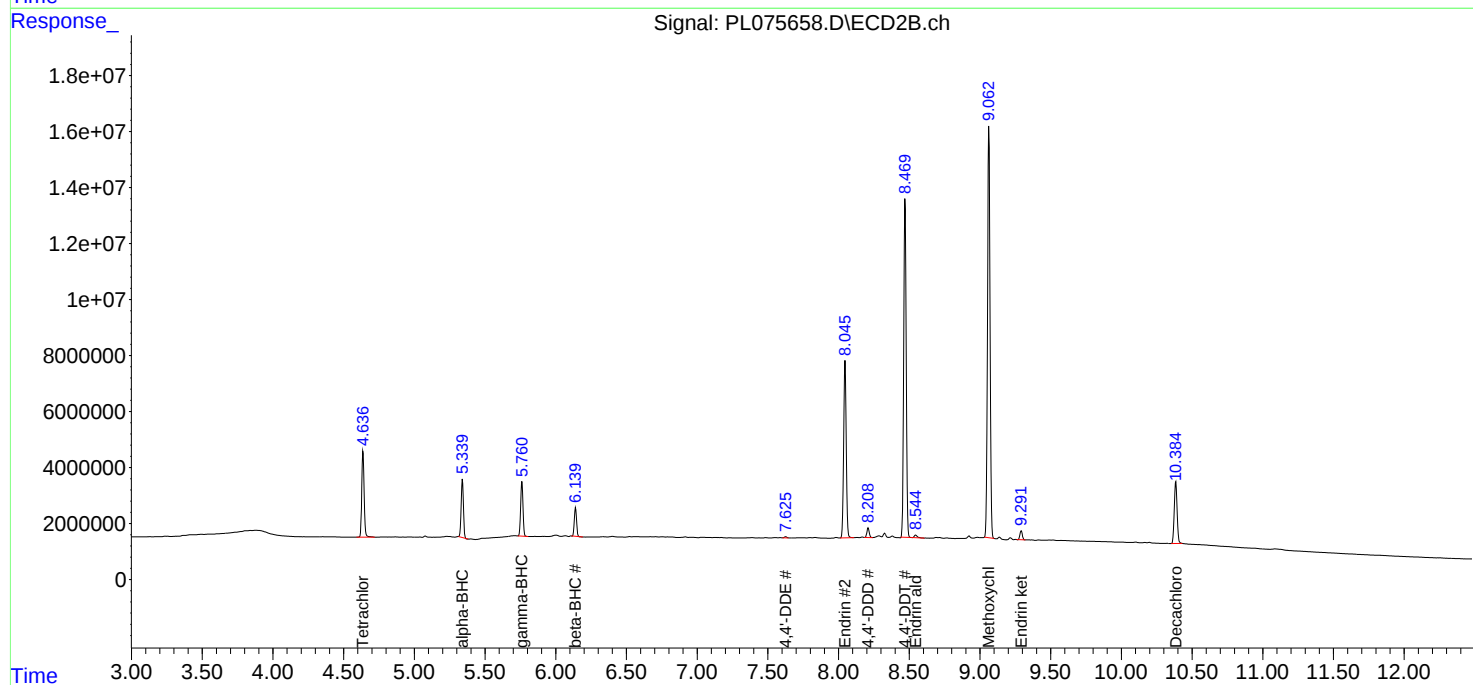
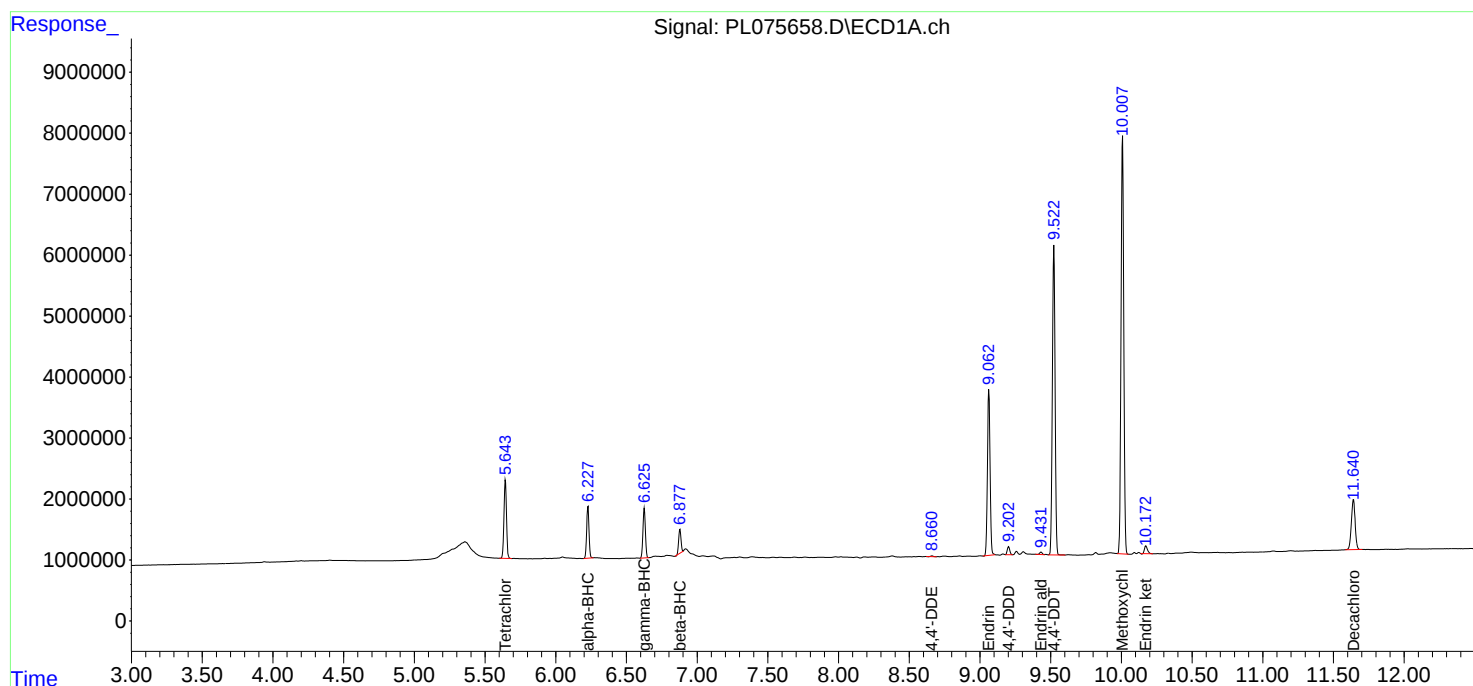
Instrument :
ECD_L
ClientSampleId :
PEM

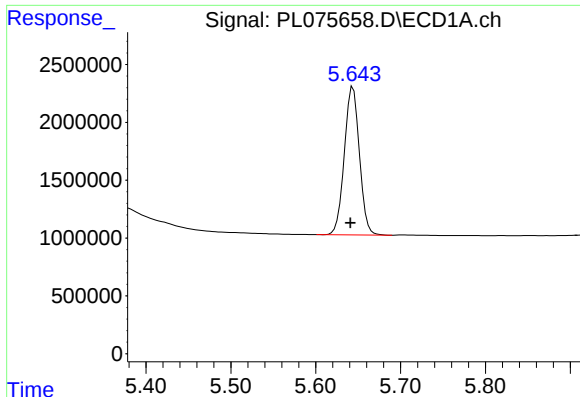
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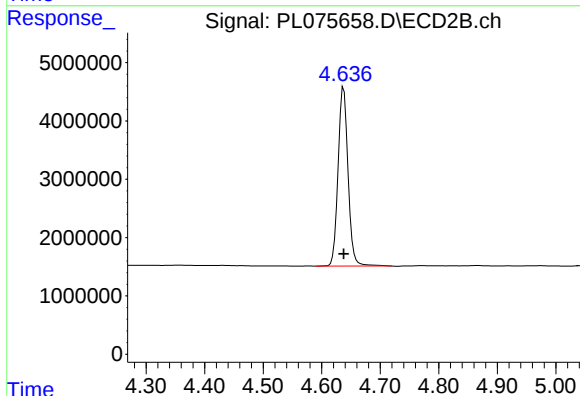
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 15796317
Conc: 23.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

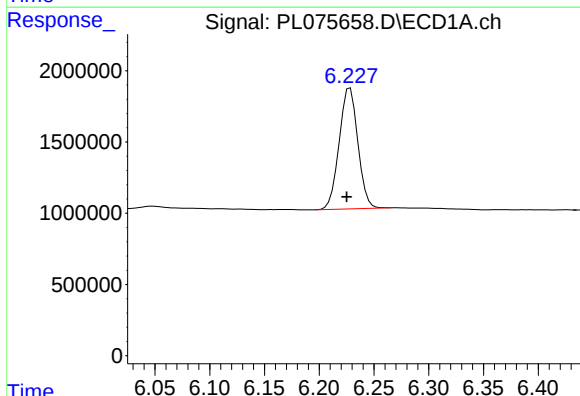
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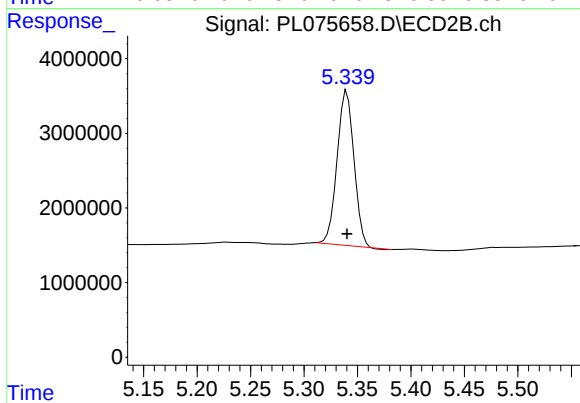
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 36318304
Conc: 21.64 ng/ml



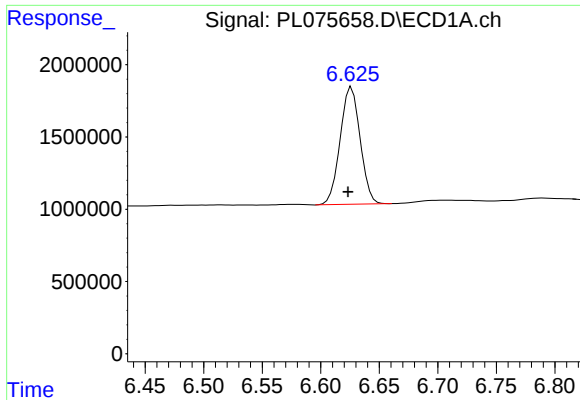
#2 alpha-BHC

R.T.: 6.228 min
Delta R.T.: 0.003 min
Response: 10083003
Conc: 10.73 ng/ml



#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 22769134
Conc: 10.06 ng/ml



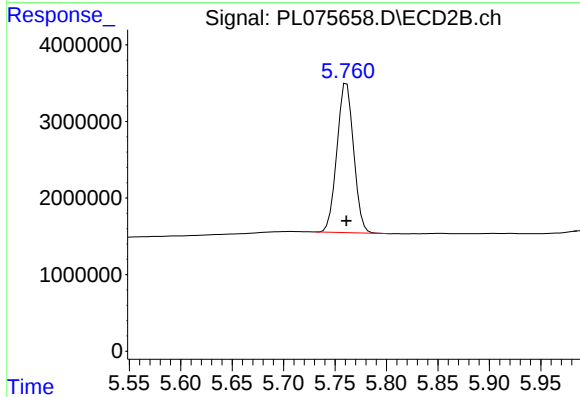
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: 0.003 min
Response: 9649452
Conc: 10.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

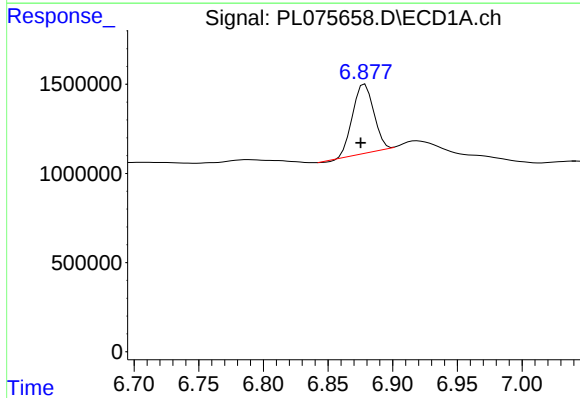
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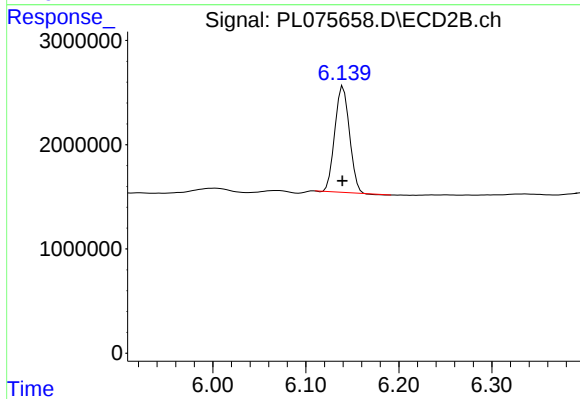
#3 gamma-BHC (Lindane)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 22013949
Conc: 10.15 ng/ml



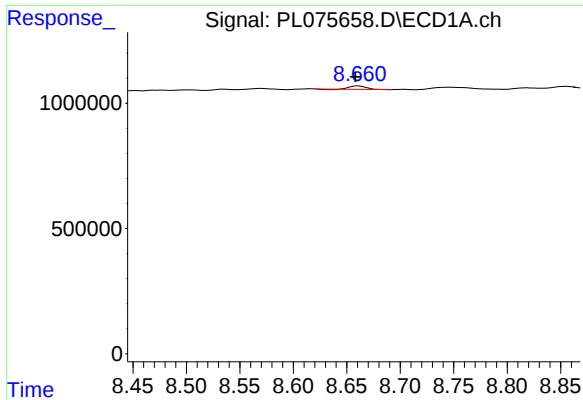
#6 beta-BHC

R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 4348970
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 11163947
Conc: 11.37 ng/ml



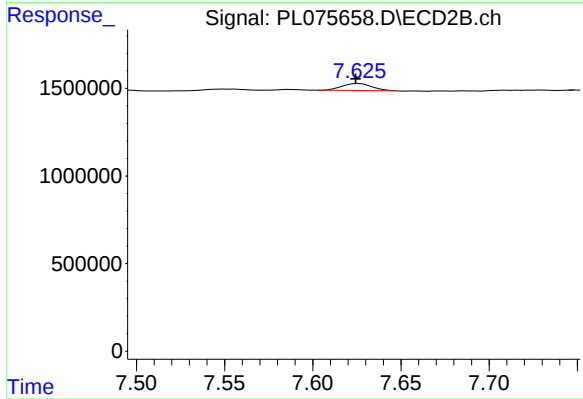
#12 4,4'-DDE

R.T.: 8.661 min
Delta R.T.: 0.003 min
Response: 129806
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

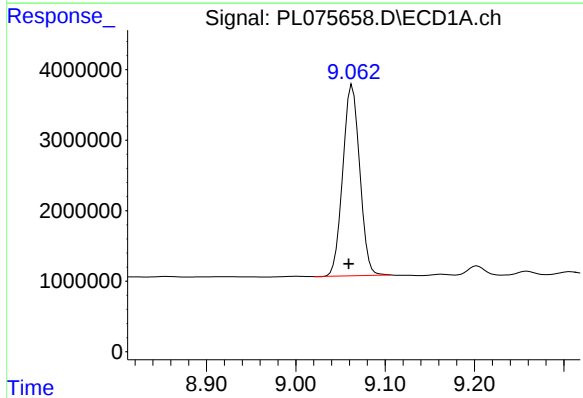
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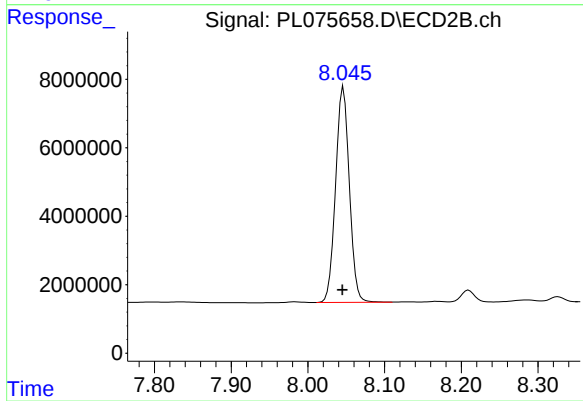
#12 4,4'-DDE

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 464725
Conc: 0.29 ng/ml m



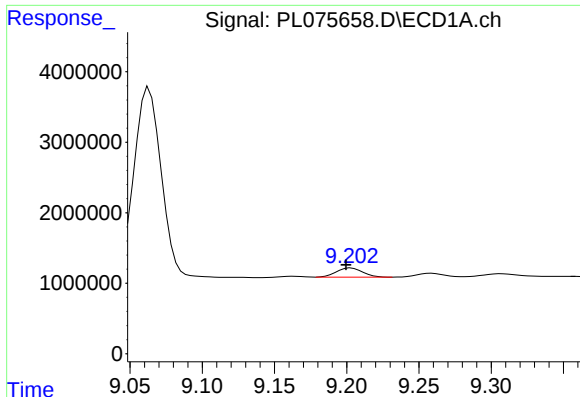
#14 Endrin

R.T.: 9.063 min
Delta R.T.: 0.004 min
Response: 35706342
Conc: 60.22 ng/ml



#14 Endrin

R.T.: 8.046 min
Delta R.T.: 0.001 min
Response: 78317520
Conc: 57.29 ng/ml



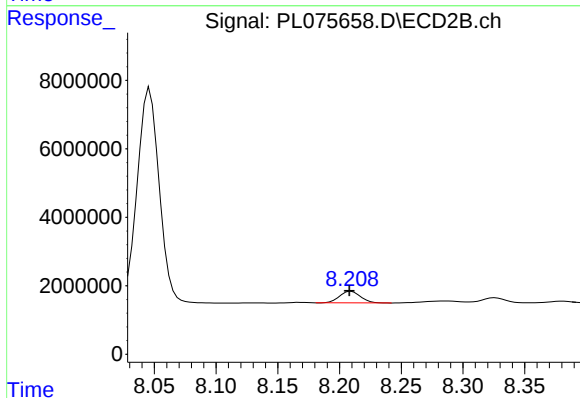
#16 4,4'-DDD

R.T.: 9.203 min
Delta R.T.: 0.003 min
Response: 1662091
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

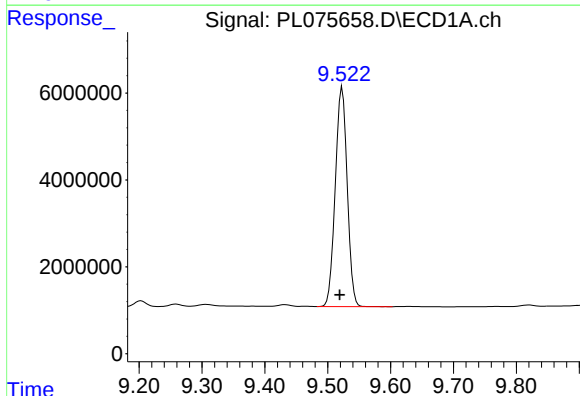
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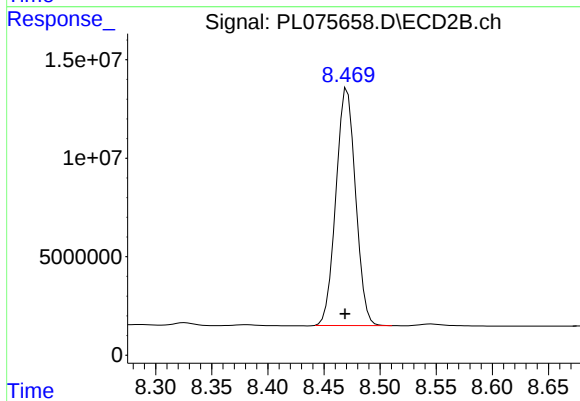
#16 4,4'-DDD

R.T.: 8.209 min
Delta R.T.: 0.001 min
Response: 4002308
Conc: 3.04 ng/ml



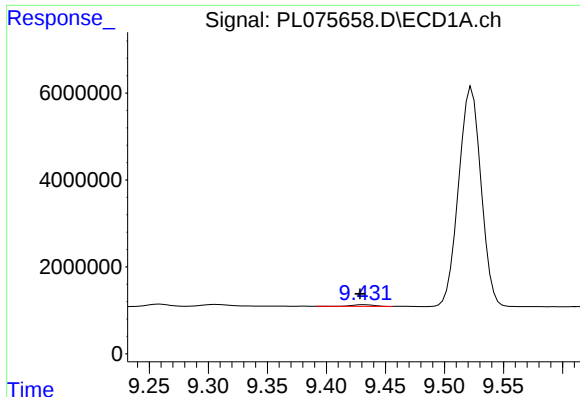
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: 0.004 min
Response: 66793816
Conc: 104.27 ng/ml



#17 4,4'-DDT

R.T.: 8.471 min
Delta R.T.: 0.002 min
Response: 146700763
Conc: 104.36 ng/ml



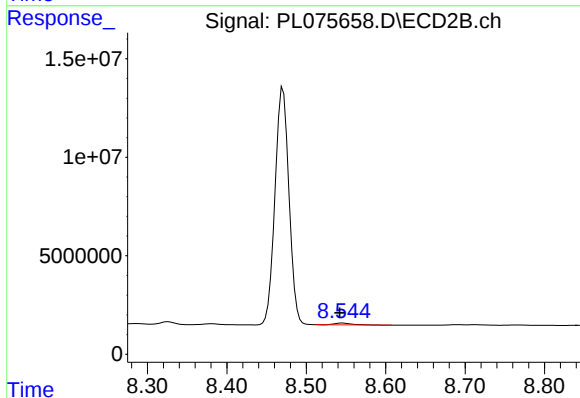
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: 0.004 min
Response: 506226
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

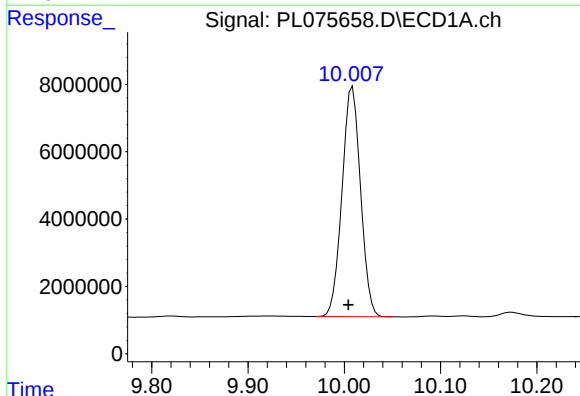
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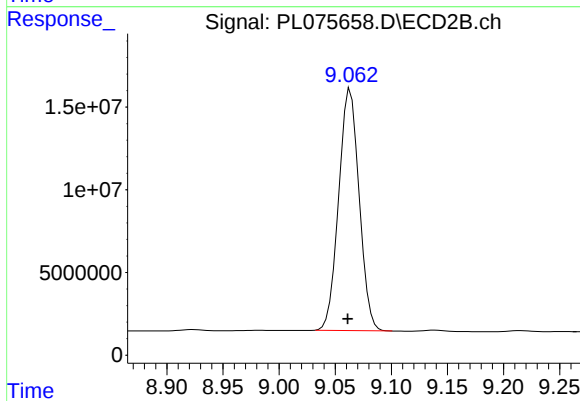
#18 Endrin aldehyde

R.T.: 8.545 min
Delta R.T.: 0.003 min
Response: 1275809
Conc: 1.13 ng/ml



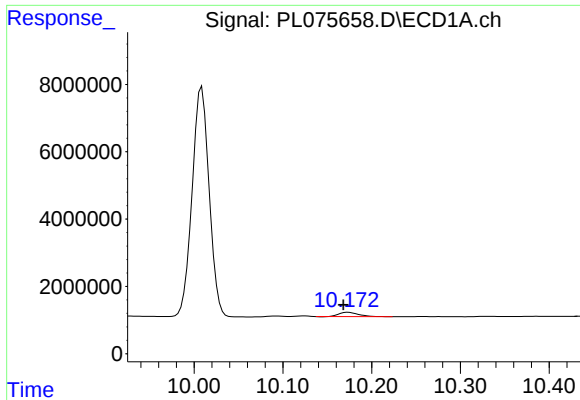
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: 0.004 min
Response: 90976634
Conc: 254.14 ng/ml



#20 Methoxychlor

R.T.: 9.064 min
Delta R.T.: 0.002 min
Response: 185508910
Conc: 227.72 ng/ml



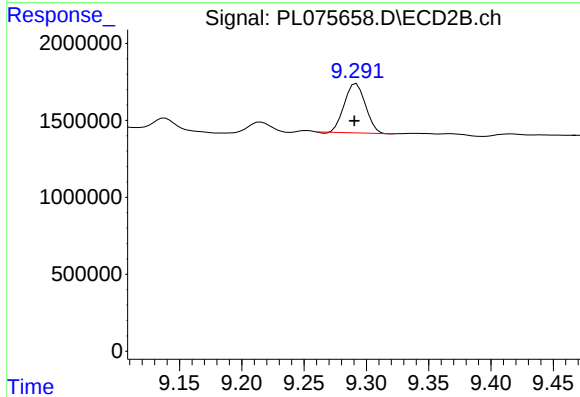
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 1938372
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

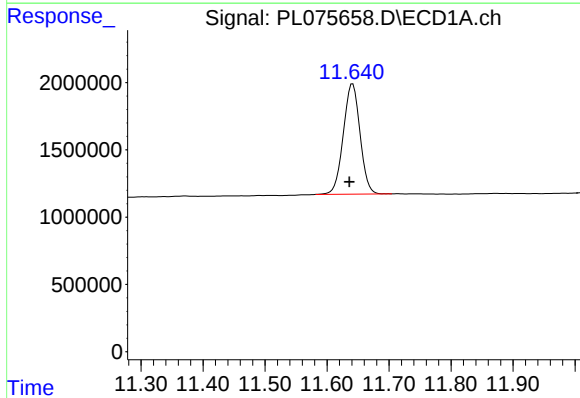
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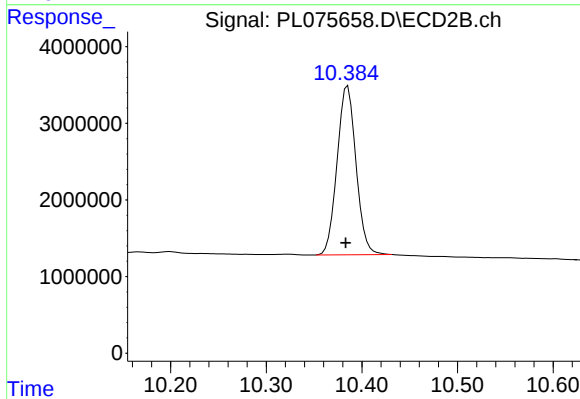
#21 Endrin ketone

R.T.: 9.292 min
Delta R.T.: 0.002 min
Response: 3802799
Conc: 2.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.641 min
Delta R.T.: 0.005 min
Response: 15330768
Conc: 25.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.385 min
Delta R.T.: 0.002 min
Response: 30337921
Conc: 21.53 ng/ml