

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100722\
 Data File : PD072273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 09:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:37:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.745	3.498	51143644	778.2E6	20.379	21.468
28)	SA Decachlor...	7.919	8.985	50213340	227.2E6	19.698	22.616
Target Compounds							
2)	A alpha-BHC	3.250	3.961	38392156	582.2E6	9.592	11.453
3)	MA gamma-BHC...	3.581	4.295	35031829	472.1E6	9.697	11.388
6)	B beta-BHC	3.880	4.502	17944079	199.8E6	11.128	11.990
12)	B 4,4'-DDE	5.222	6.145	340816	2687302	0.112	0.151m#
14)	MA Endrin	5.627	6.535	123.6E6	651.7E6	45.556	46.133
16)	A 4,4'-DDD	5.778	6.670	10743596	65346118	4.116	4.701
17)	MA 4,4'-DDT	6.031	6.980	256.0E6	1279.6E6	97.664	90.701
18)	B Endrin al...	6.104	6.892	5264790	28289268	2.472	2.608
20)	A Methoxychlor	6.611	7.458	336.4E6	1519.5E6	217.973	218.939
21)	B Endrin ke...	6.833	7.613	16528229	64216261	5.196	4.581

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

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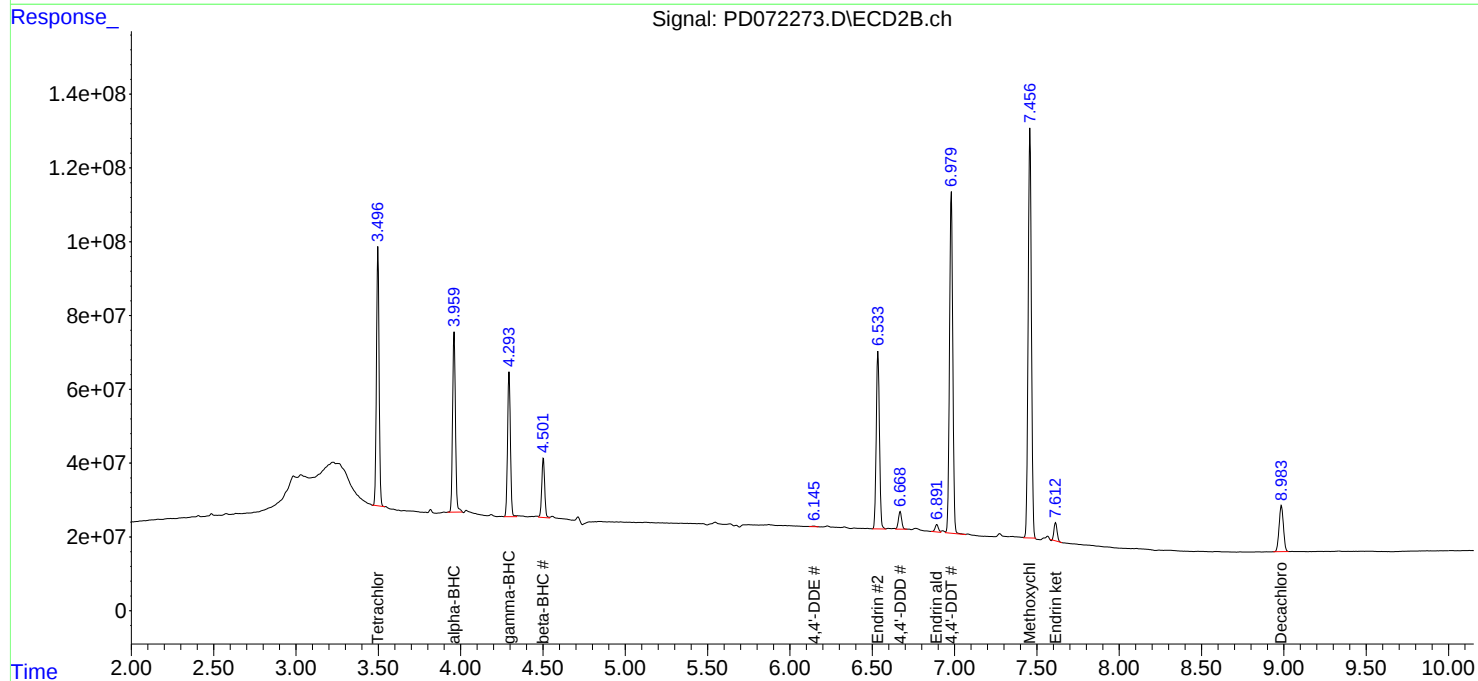
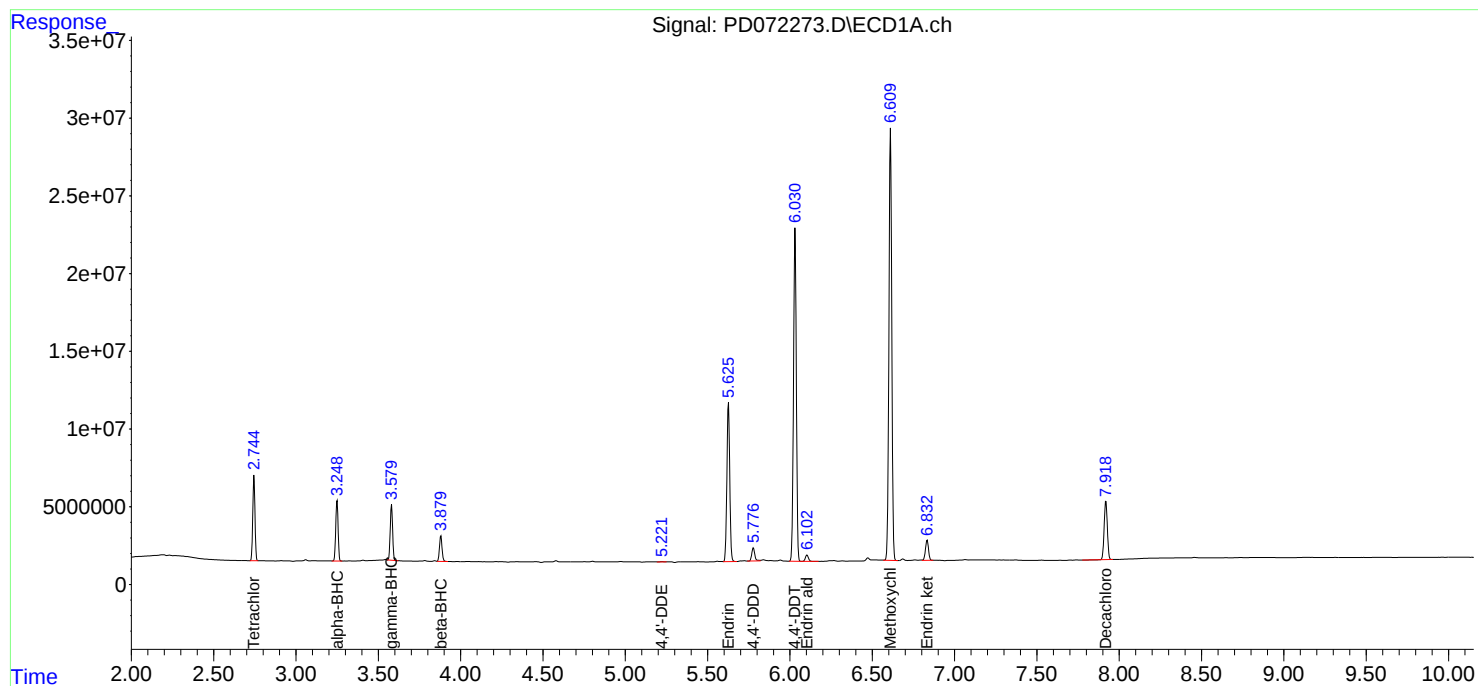
Instrument :
ECD_D
ClientSampleId :
PEM

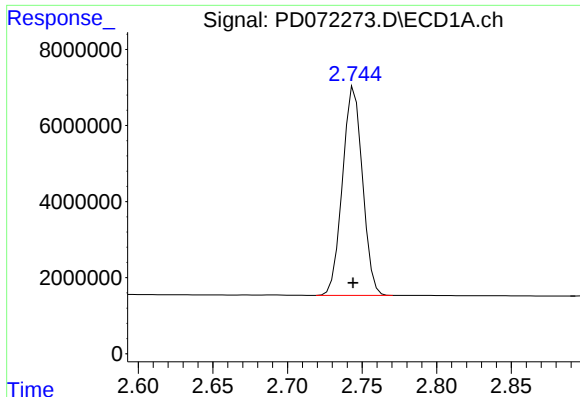
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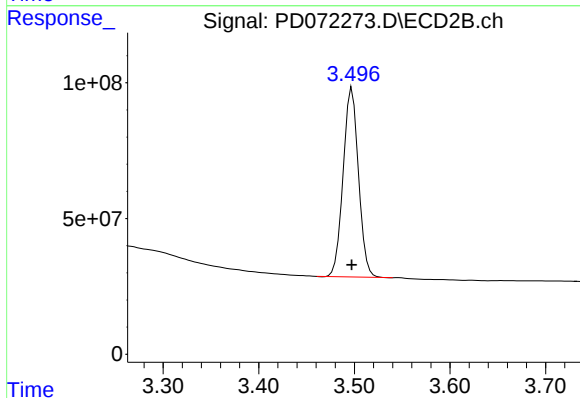
#1 Tetrachloro-m-xylene

R.T.: 2.745 min
Delta R.T.: 0.000 min
Response: 51143644
Conc: 20.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

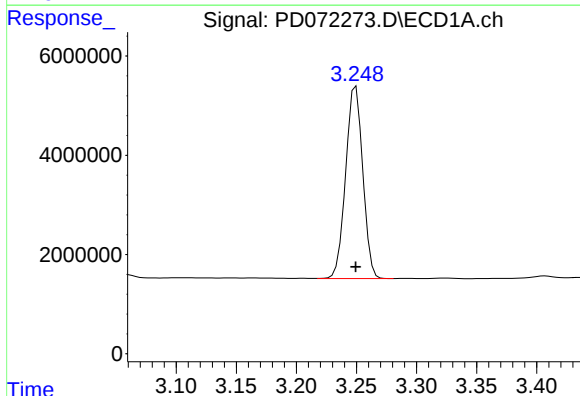
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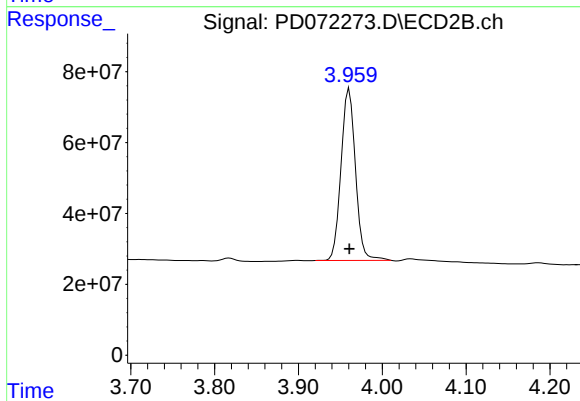
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 778228659
Conc: 21.47 ng/ml



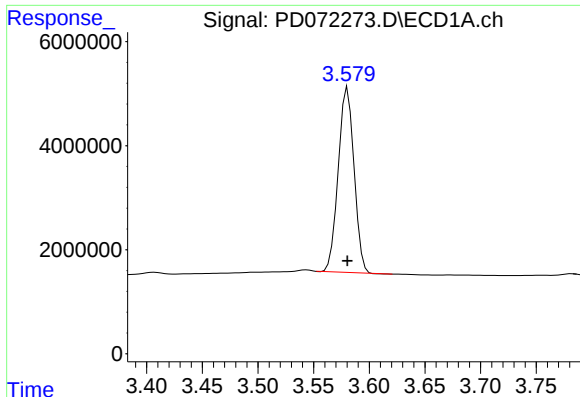
#2 alpha-BHC

R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 38392156
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 582246979
Conc: 11.45 ng/ml



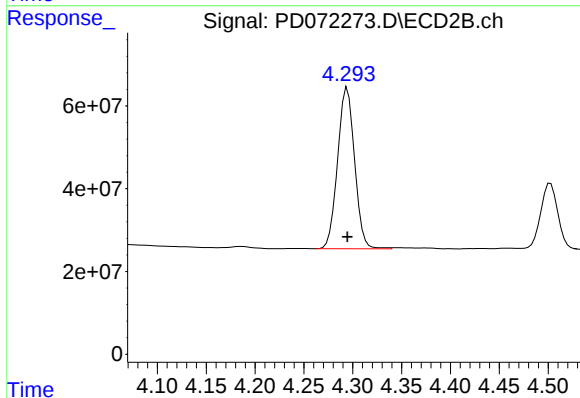
#3 gamma-BHC (Lindane)

R.T.: 3.581 min
Delta R.T.: 0.000 min
Response: 35031829
Conc: 9.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

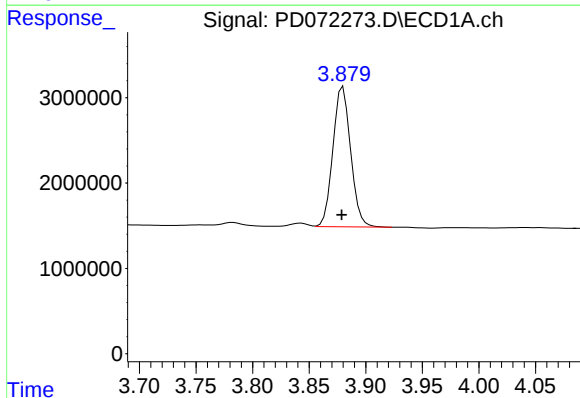
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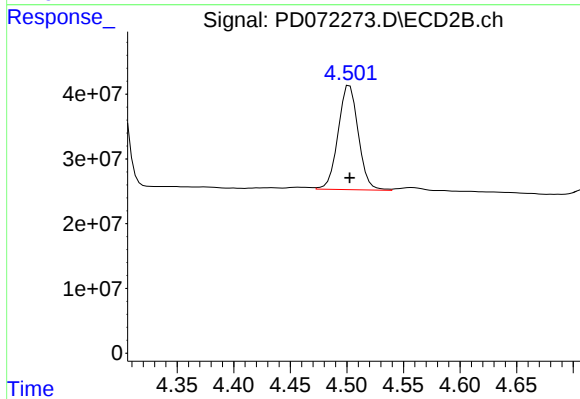
#3 gamma-BHC (Lindane)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 472096427
Conc: 11.39 ng/ml



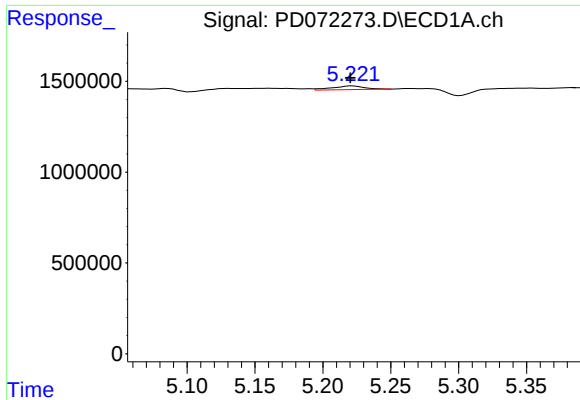
#6 beta-BHC

R.T.: 3.880 min
Delta R.T.: 0.001 min
Response: 17944079
Conc: 11.13 ng/ml



#6 beta-BHC

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 199819354
Conc: 11.99 ng/ml



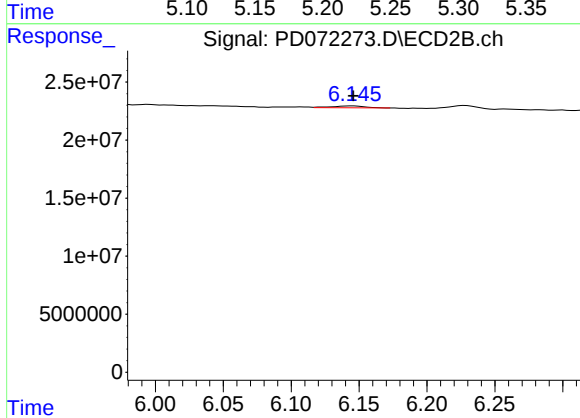
#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.002 min
Response: 340816
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

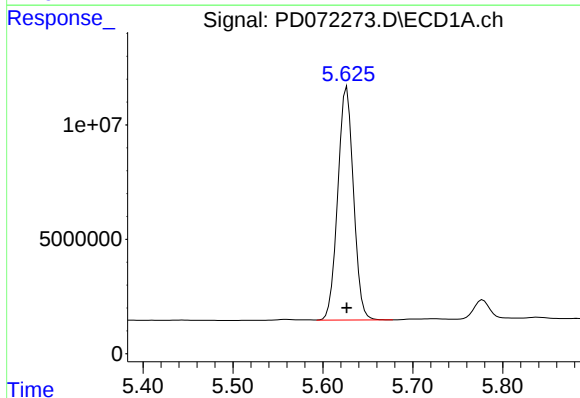
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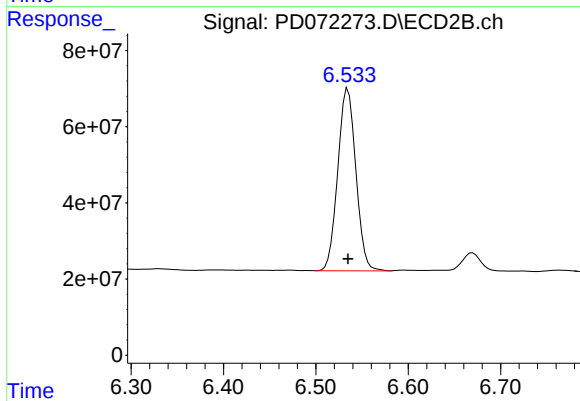
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 2687302
Conc: 0.15 ng/ml m



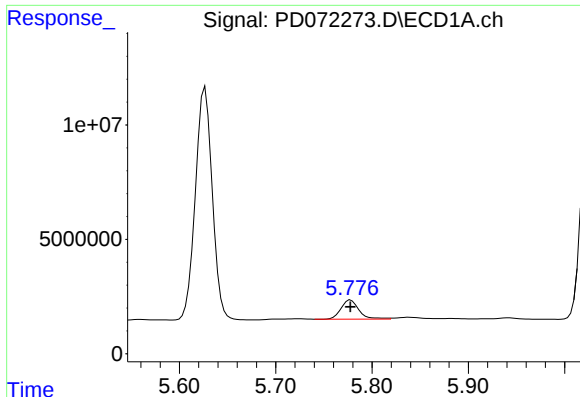
#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 123627906
Conc: 45.56 ng/ml



#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 651723556
Conc: 46.13 ng/ml



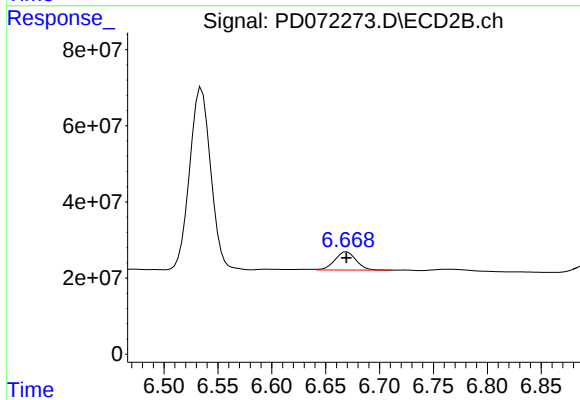
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 10743596
Conc: 4.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

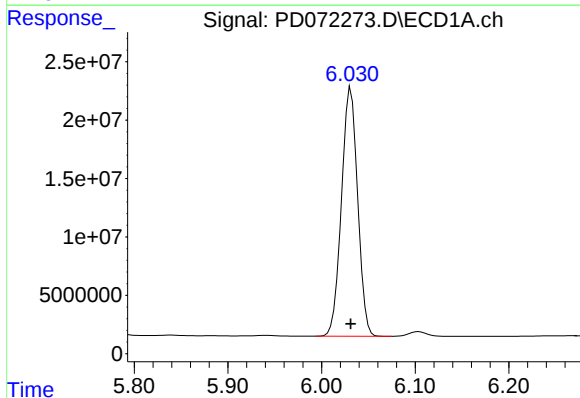
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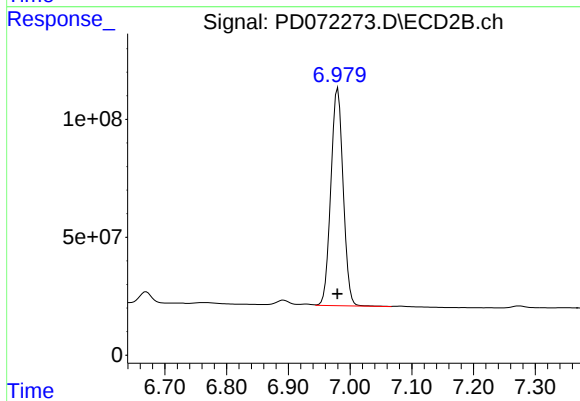
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 65346118
Conc: 4.70 ng/ml



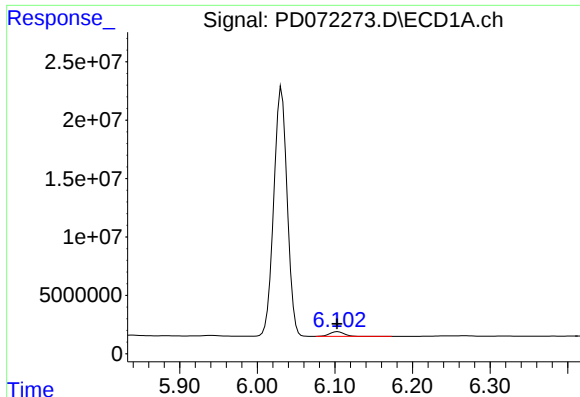
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 255992052
Conc: 97.66 ng/ml



#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 1279614726
Conc: 90.70 ng/ml



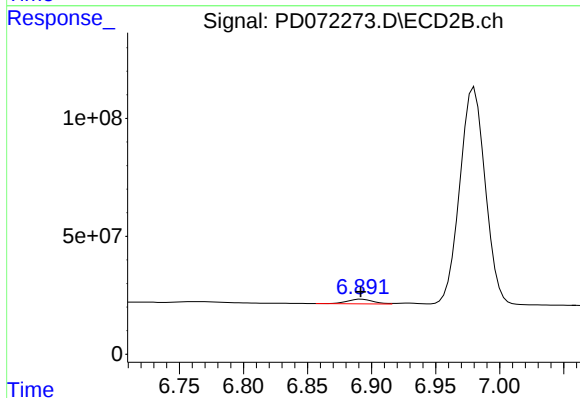
#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.001 min
Response: 5264790
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

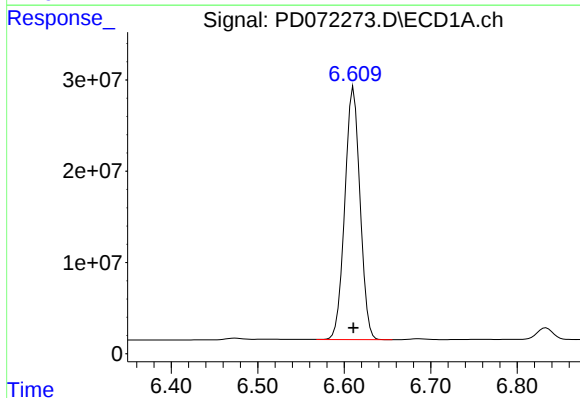
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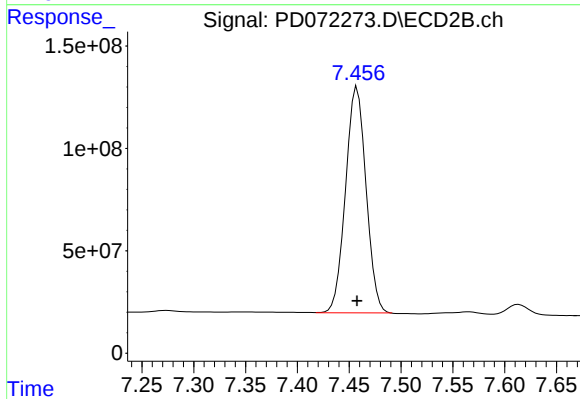
#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 28289268
Conc: 2.61 ng/ml



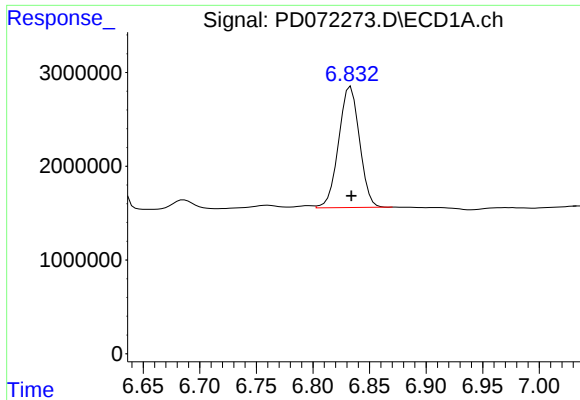
#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 336408012
Conc: 217.97 ng/ml



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1519492731
Conc: 218.94 ng/ml



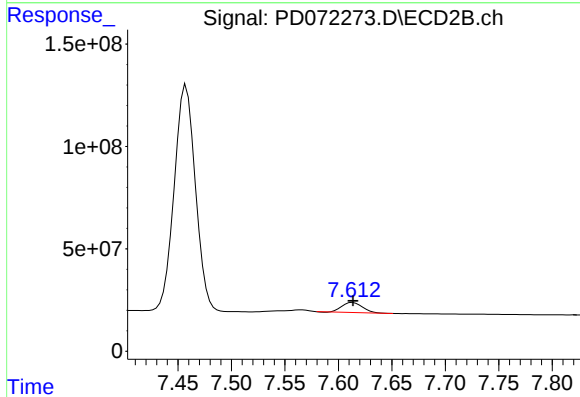
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 16528229
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

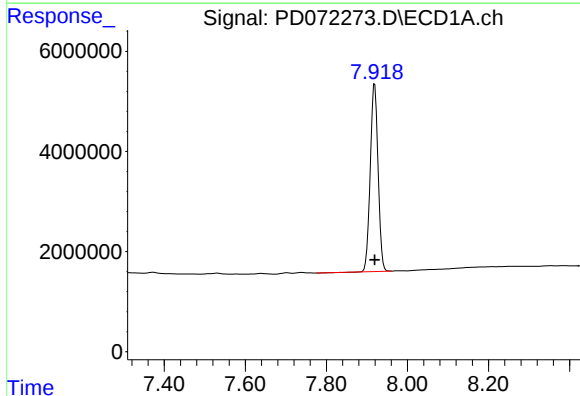
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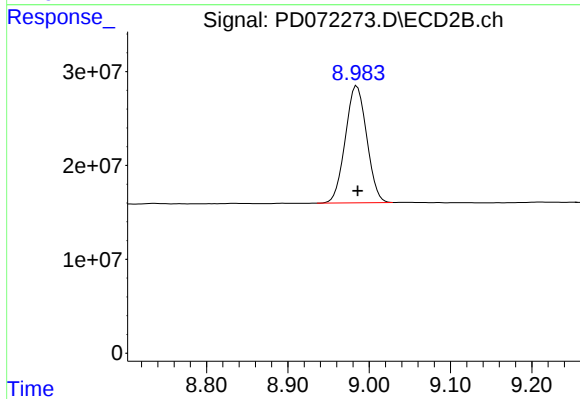
#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 64216261
Conc: 4.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 50213340
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 227219610
Conc: 22.62 ng/ml