

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052020\
 Data File : PL058821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2020 15:42
 Operator : AJ\MA
 Sample : L2497-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-02-051920MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 17:27:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 2020
 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...	3.530	4.076	34898368	54157099	19.032	19.996
28)	SA Decachlor...	8.312	9.187	32454951	53271982	19.209	20.208
Target Compounds							
2)	A alpha-BHC	3.972	4.469	138.1E6	216.5E6	50.794	53.952
3)	MA gamma-BHC...	4.258	4.755	121.2E6	228.2E6	51.370	60.223m
4)	MA Heptachlor	4.565	5.270	111.5E6	199.0E6	49.571	51.953
5)	MB Aldrin	4.816	5.578	96143845	181.3E6	49.661	53.136
6)	B beta-BHC	4.507	4.924	52890549	90382502	51.462	51.943
7)	B delta-BHC	4.715	5.144	109.3E6	191.2E6	50.968	52.417
8)	B Heptachlo...	5.261	5.965	94976081	173.9E6	51.460	52.736
9)	A Endosulfan I	5.603	6.325	88922388	157.7E6	52.384	53.659
10)	B gamma-Chl...	5.490	6.200	94155230	179.0E6	51.357	54.034
11)	B alpha-Chl...	5.549	6.274	91622064	170.2E6	50.072	52.413
12)	B 4,4'-DDE	5.712	6.428	86151570	157.8E6	52.464	55.290
13)	MA Dieldrin	5.846	6.583	90230799	167.7E6	51.404	55.375
14)	MA Endrin	6.105	6.801	82956338	139.6E6	52.930	55.954
15)	B Endosulfa...	6.377	7.009	83502048	141.4E6	50.119	50.461
16)	A 4,4'-DDD	6.229	6.918	73442647	131.1E6	51.883	54.955
17)	MA 4,4'-DDT	6.471	7.219	74702113	128.4E6	51.355	54.010
18)	B Endrin al...	6.545	7.133	70304030	124.4E6	49.818	52.734
19)	B Endosulfa...	6.759	7.356	85222938	144.4E6	52.237	54.944
20)	A Methoxychlor	7.018	7.676	42617955	74057913	49.961	53.101
21)	B Endrin ke...	7.251	7.830	97325824	154.3E6	52.775	55.710
22)	Mirex	7.446	8.287	75527950	114.1E6	48.833	52.041

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052020\
Data File : PL058821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2020 15:42
Operator : AJ\MA
Sample : L2497-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

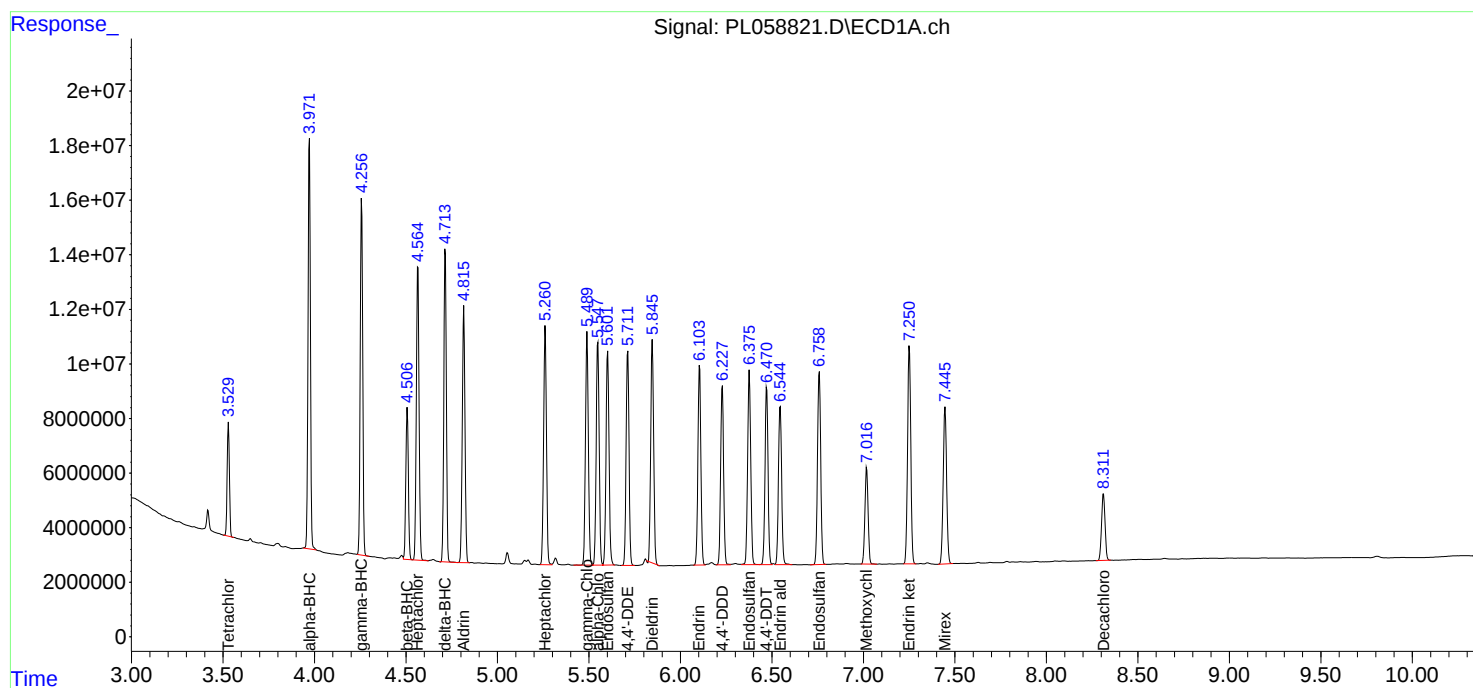
Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

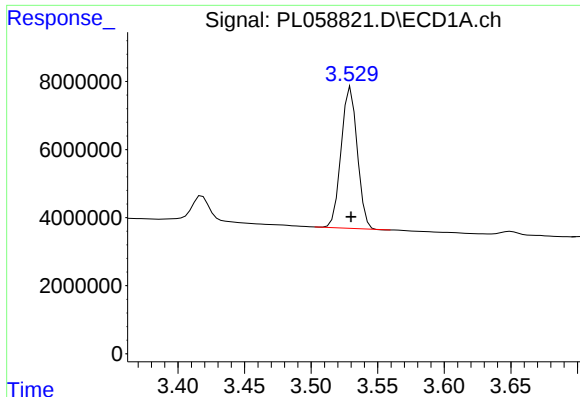
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 17:27:13 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
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Volume 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





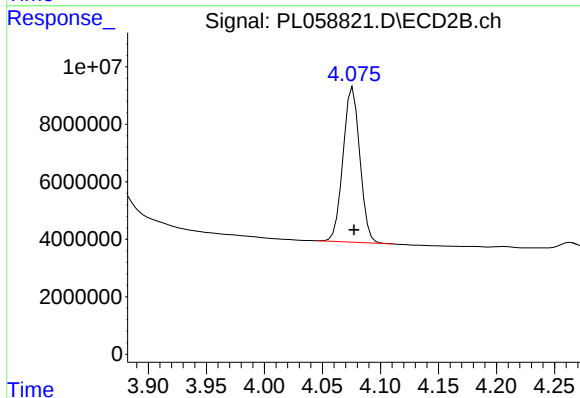
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 34898368
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

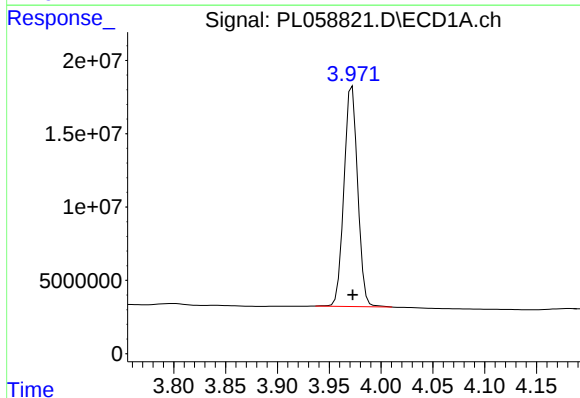
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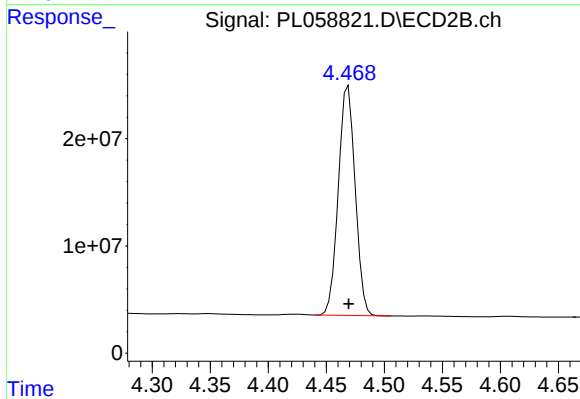
#1 Tetrachloro-m-xylene

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 54157099
Conc: 20.00 ng/ml



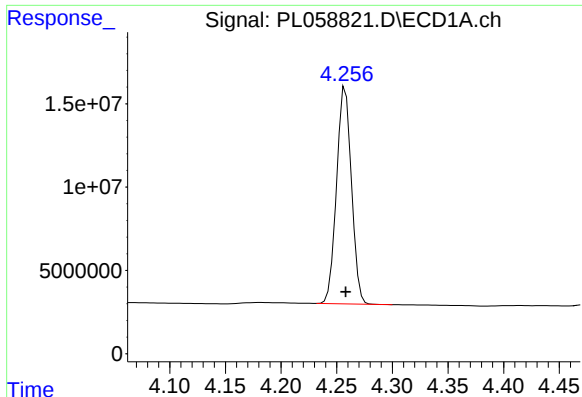
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 138101349
Conc: 50.79 ng/ml



#2 alpha-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 216524031
Conc: 53.95 ng/ml



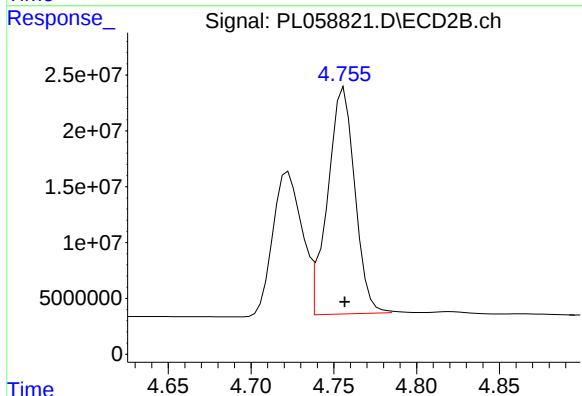
#3 gamma-BHC (Lindane)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 121244849
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

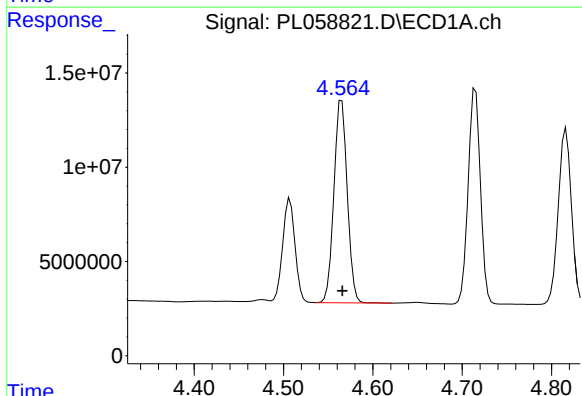
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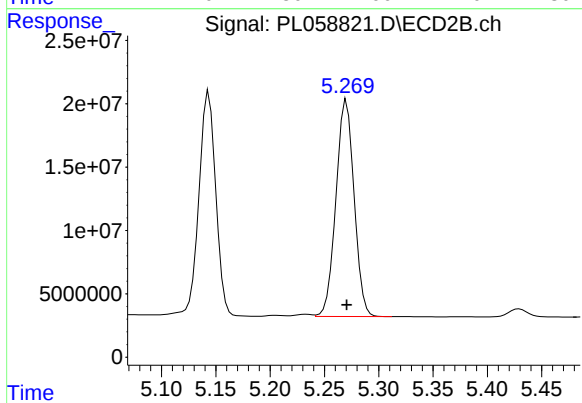
#3 gamma-BHC (Lindane)

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 228233962
Conc: 60.22 ng/ml m



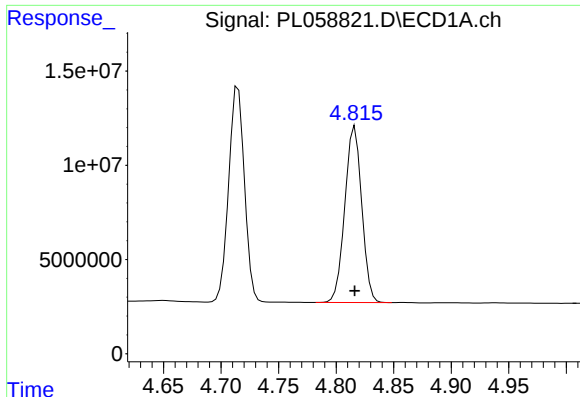
#4 Heptachlor

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 111458457
Conc: 49.57 ng/ml



#4 Heptachlor

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 199000118
Conc: 51.95 ng/ml



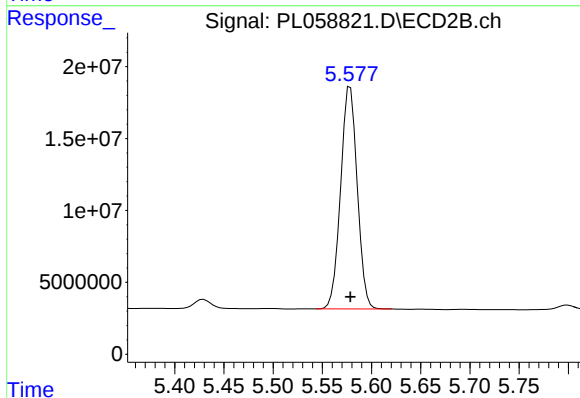
#5 Aldrin

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 96143845
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

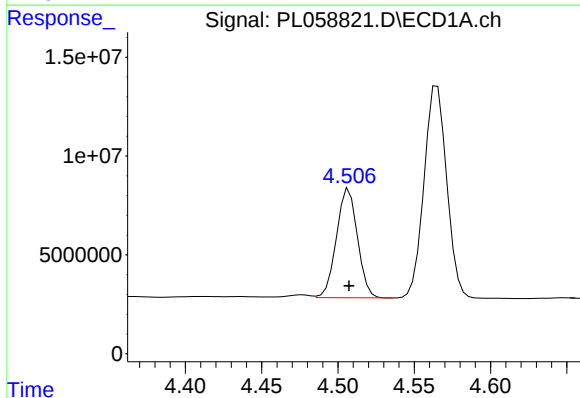
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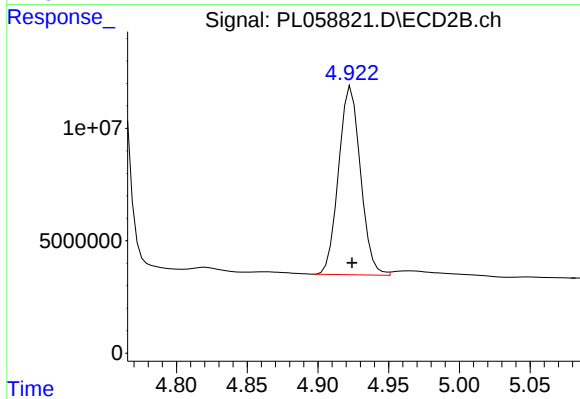
#5 Aldrin

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 181254881
Conc: 53.14 ng/ml



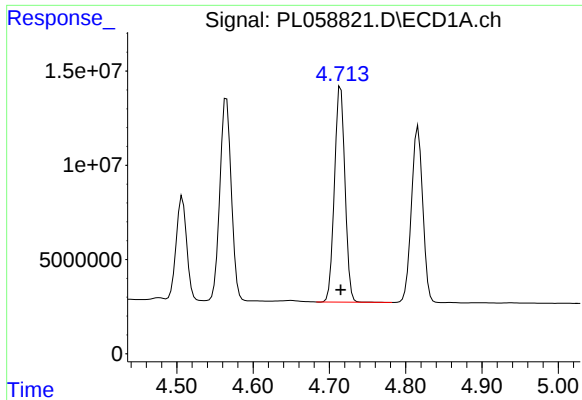
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 52890549
Conc: 51.46 ng/ml



#6 beta-BHC

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 90382502
Conc: 51.94 ng/ml



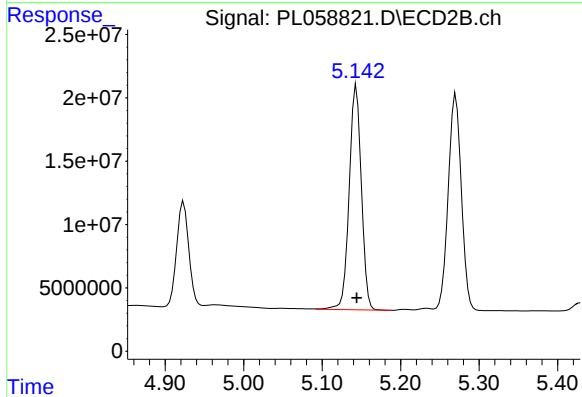
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 109282747
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

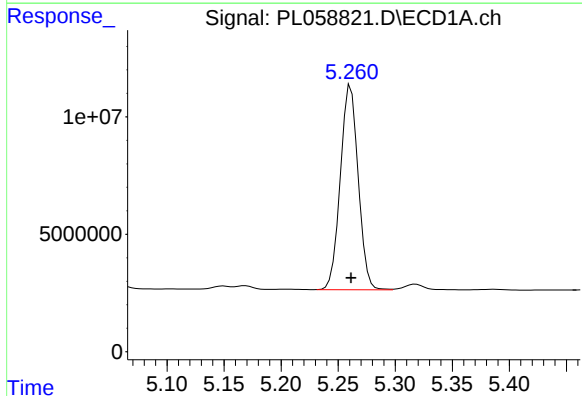
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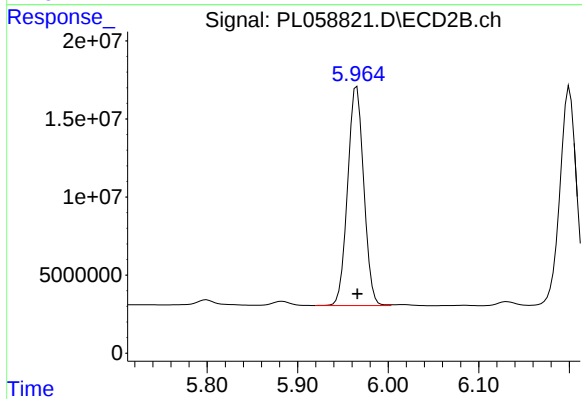
#7 delta-BHC

R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 191172954
Conc: 52.42 ng/ml



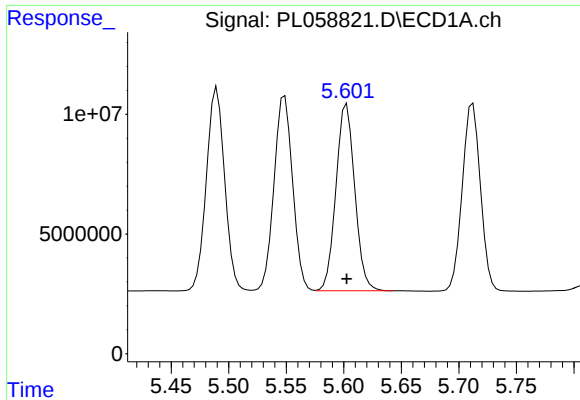
#8 Heptachlor epoxide

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 94976081
Conc: 51.46 ng/ml



#8 Heptachlor epoxide

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 173934882
Conc: 52.74 ng/ml



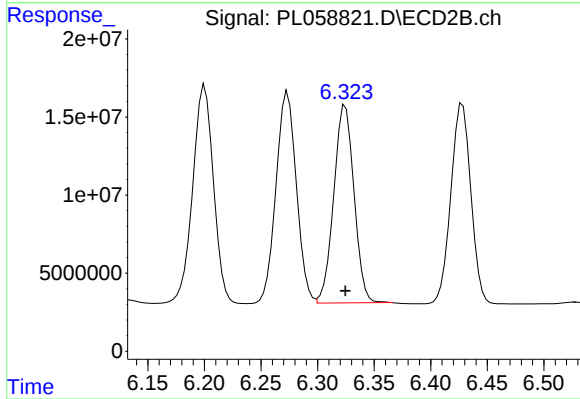
#9 Endosulfan I

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 88922388
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

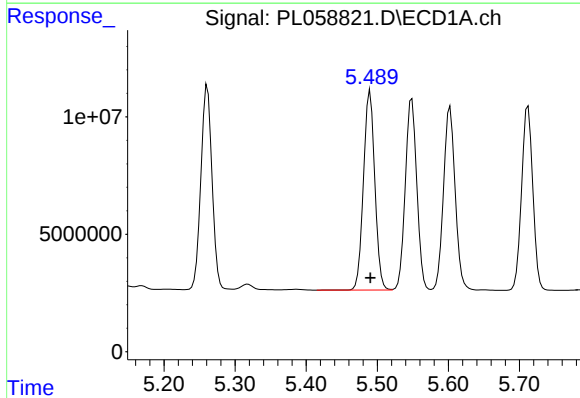
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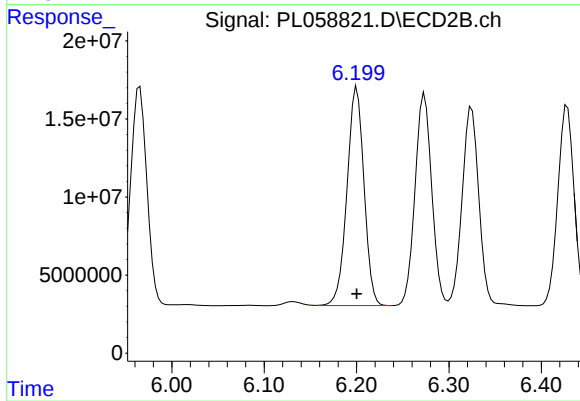
#9 Endosulfan I

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 157743357
Conc: 53.66 ng/ml



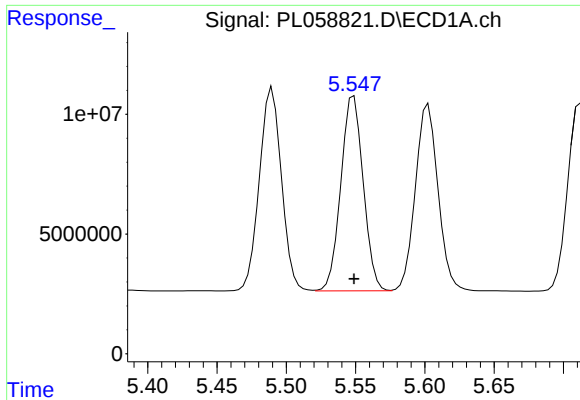
#10 gamma-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 94155230
Conc: 51.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 178968775
Conc: 54.03 ng/ml



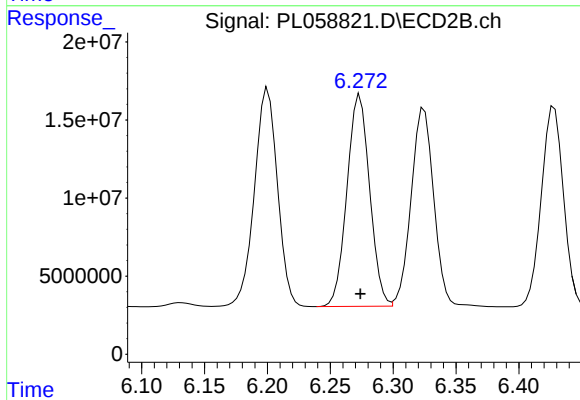
#11 alpha-Chlordane

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 91622064
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

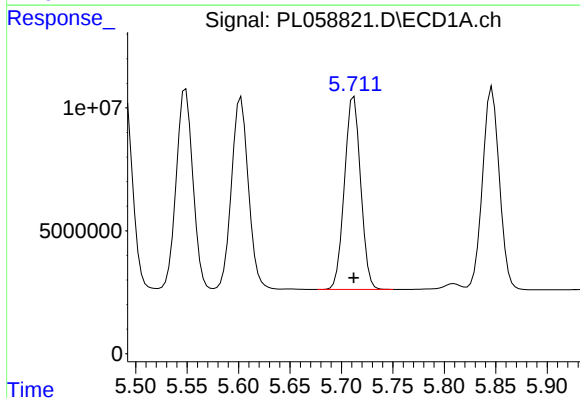
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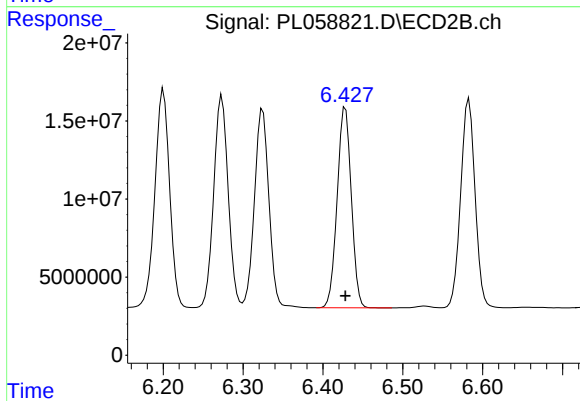
#11 alpha-Chlordane

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 170245475
Conc: 52.41 ng/ml



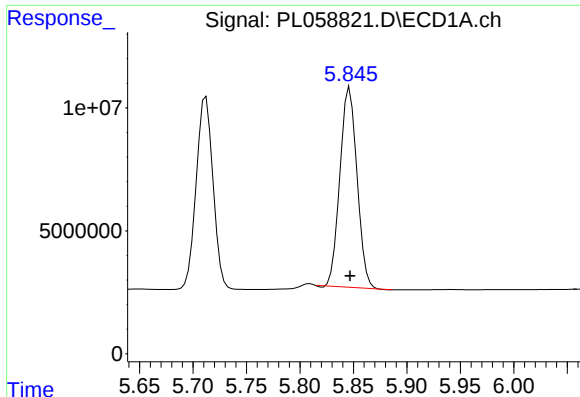
#12 4,4'-DDE

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 86151570
Conc: 52.46 ng/ml



#12 4,4'-DDE

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 157795503
Conc: 55.29 ng/ml



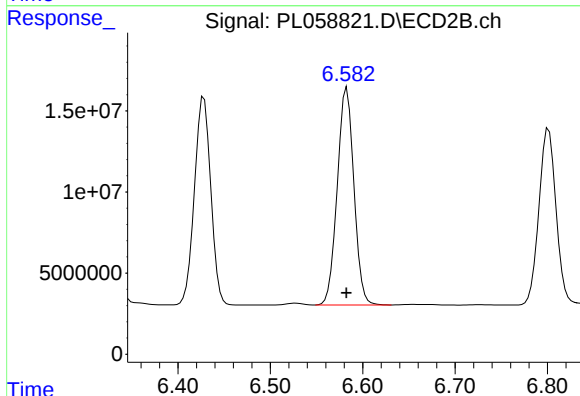
#13 Dieldrin

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 90230799
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

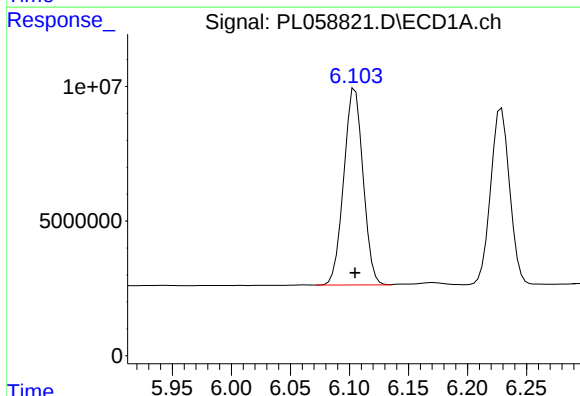
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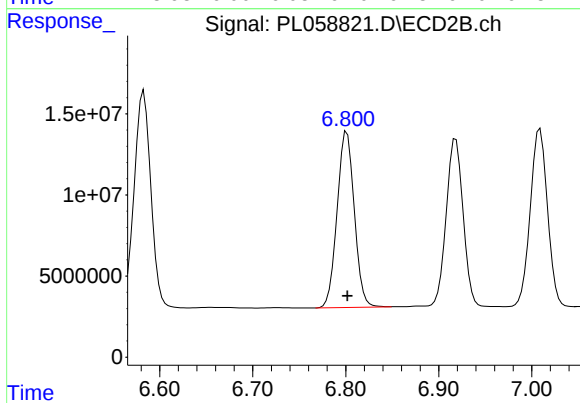
#13 Dieldrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 167734326
Conc: 55.37 ng/ml



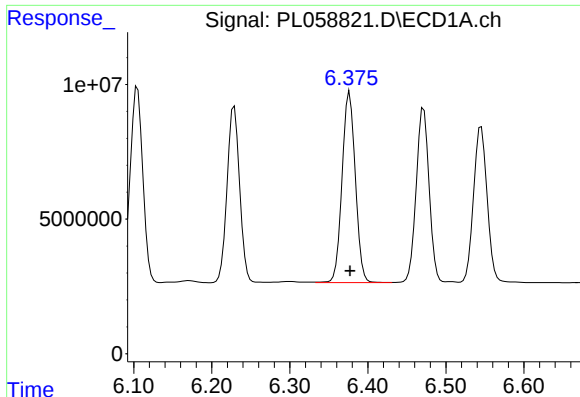
#14 Endrin

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 82956338
Conc: 52.93 ng/ml



#14 Endrin

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 139621636
Conc: 55.95 ng/ml



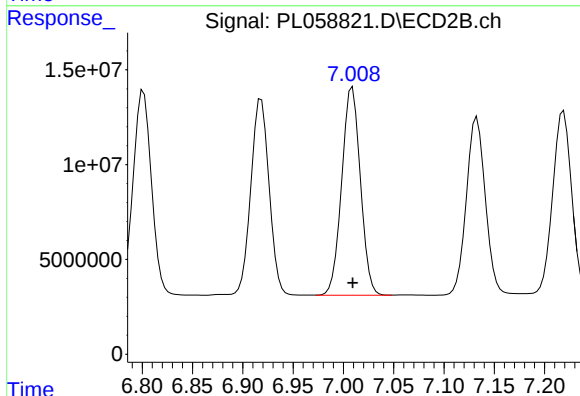
#15 Endosulfan II

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 83502048
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

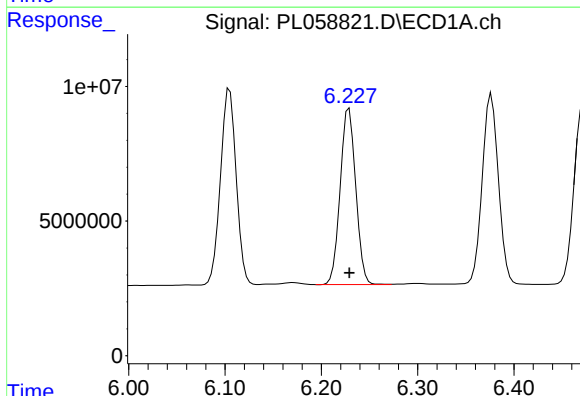
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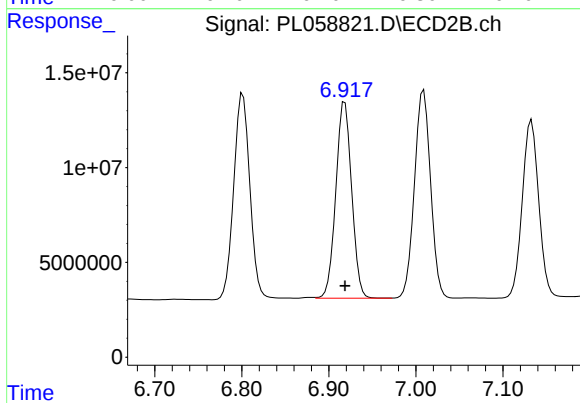
#15 Endosulfan II

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 141445012
Conc: 50.46 ng/ml



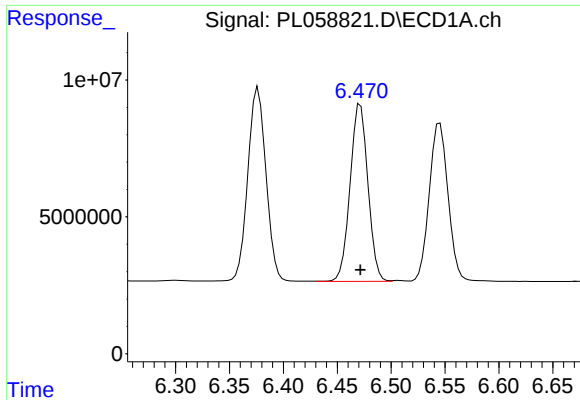
#16 4,4'-DDD

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 73442647
Conc: 51.88 ng/ml



#16 4,4'-DDD

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 131114665
Conc: 54.95 ng/ml



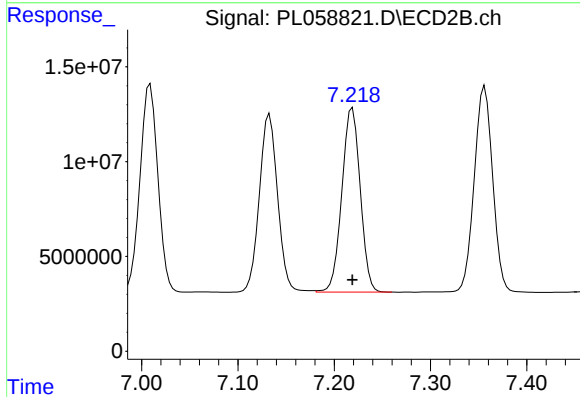
#17 4,4'-DDT

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 74702113
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

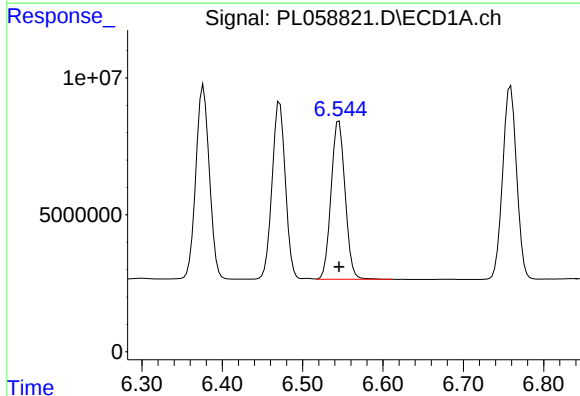
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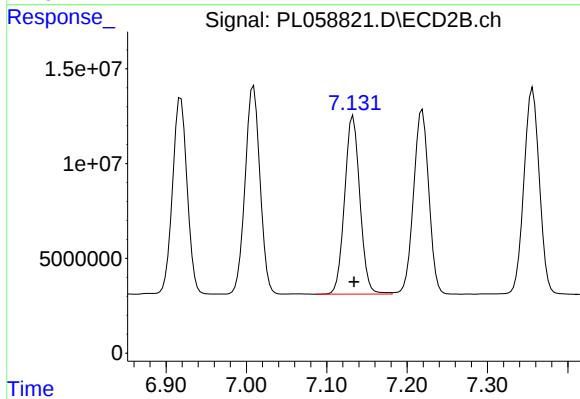
#17 4,4'-DDT

R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 128439997
Conc: 54.01 ng/ml



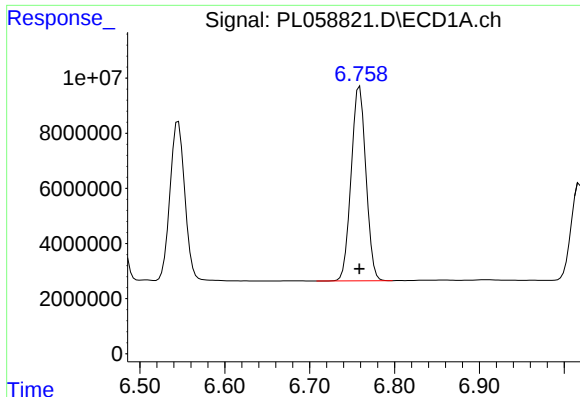
#18 Endrin aldehyde

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 70304030
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 124431556
Conc: 52.73 ng/ml



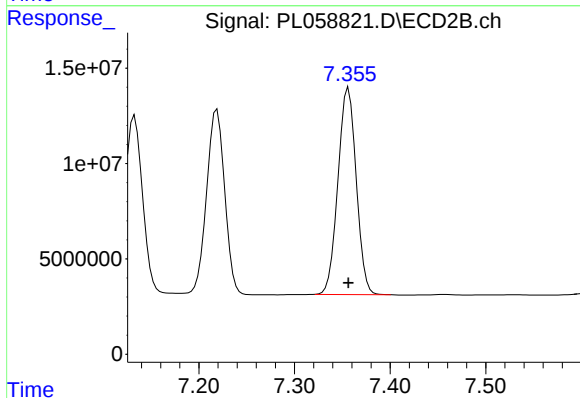
#19 Endosulfan Sulfate

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 85222938
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

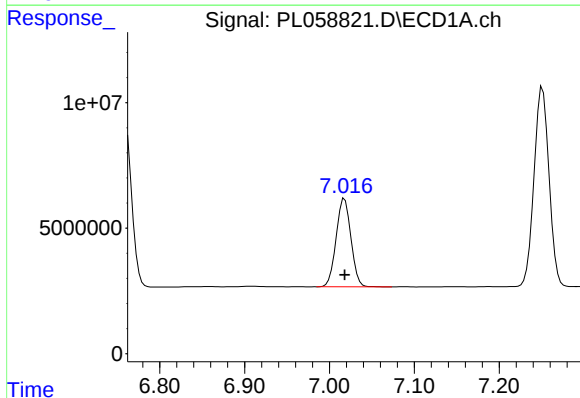
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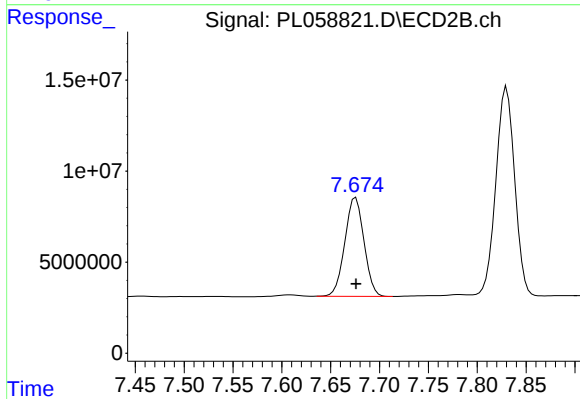
#19 Endosulfan Sulfate

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 144386398
Conc: 54.94 ng/ml



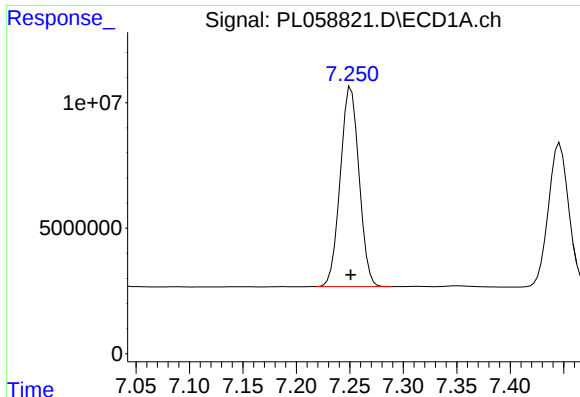
#20 Methoxychlor

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 42617955
Conc: 49.96 ng/ml



#20 Methoxychlor

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 74057913
Conc: 53.10 ng/ml



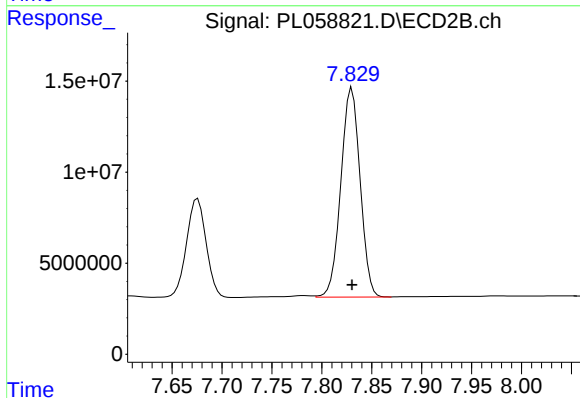
#21 Endrin ketone

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 97325824
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

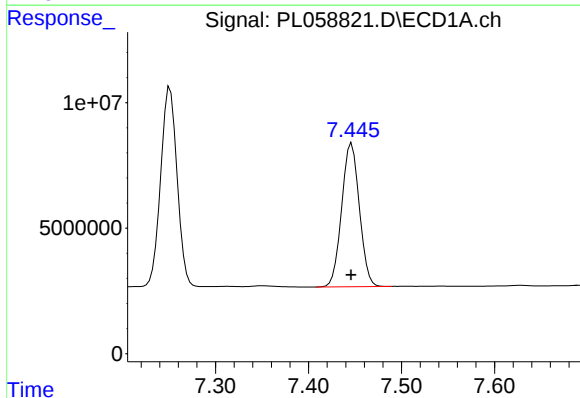
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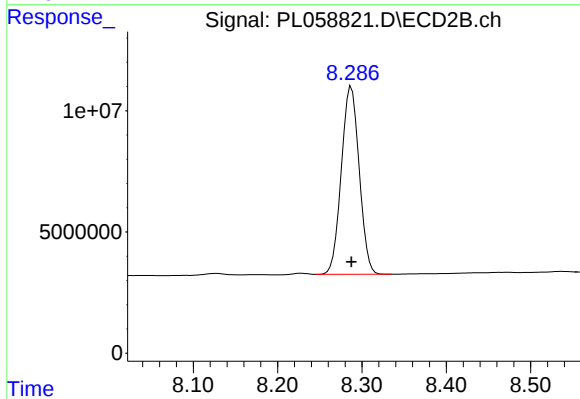
#21 Endrin ketone

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 154334572
Conc: 55.71 ng/ml



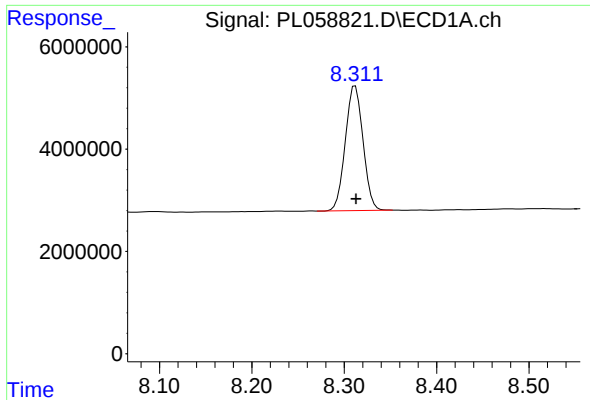
#22 Mirex

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 75527950
Conc: 48.83 ng/ml



#22 Mirex

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 114056547
Conc: 52.04 ng/ml



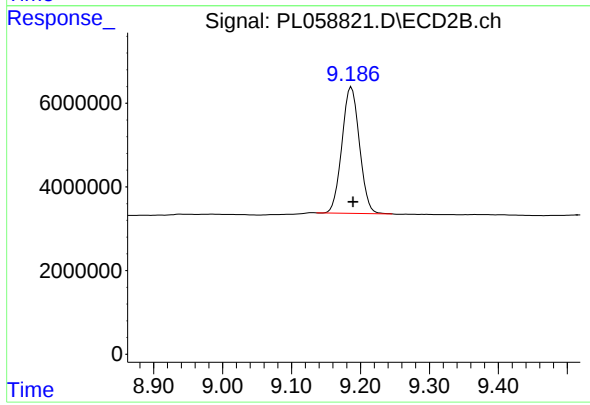
#28 Decachlorobiphenyl

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 32454951
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-02-051920MS

Manual Integrations
APPROVED

mohammad
5/22/2020 12:14:19 PM



#28 Decachlorobiphenyl

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 53271982
Conc: 20.21 ng/ml