

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022620\
 Data File : PL056839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2020 15:13
 Operator : AJ\MA
 Sample : PB127107BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB127107BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:34:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 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...	3.498	4.020	168.7E6	54675611	19.511	21.949
28)	SA Decachlor...	8.251	9.091	183.6E6	42908675	15.435m	20.420m#
Target Compounds							
2)	A alpha-BHC	3.935	4.409	767.4E6	209.2E6	48.616m	55.610
3)	MA gamma-BHC...	4.221	4.694	712.3E6	190.8E6	47.750	55.404
4)	MA Heptachlor	4.522	5.201	696.1E6	160.6E6	47.206	54.898
5)	MB Aldrin	4.770	5.506	707.9E6	166.1E6	47.419	53.073
6)	B beta-BHC	4.471	4.867	300.0E6	82829701	51.762	63.356
7)	B delta-BHC	4.677	5.084	703.3E6	166.6E6	48.798	54.725
8)	B Heptachlo...	5.214	5.893	667.5E6	162.7E6	47.186	55.650
9)	A Endosulfan I	5.552	6.251	622.5E6	147.0E6	46.565m	54.426
10)	B gamma-Chl...	5.441	6.127	692.8E6	155.1E6	47.693	54.086
11)	B alpha-Chl...	5.497	6.200	643.0E6	151.2E6	44.528m	53.143
12)	B 4,4'-DDE	5.661	6.358	634.5E6	144.9E6	45.112m	52.606
13)	MA Dieldrin	5.796	6.508	677.8E6	156.5E6	45.472m	54.764
14)	MA Endrin	6.054	6.726	624.4E6	122.1E6	46.260	49.555
15)	B Endosulfa...	6.328	6.937	574.2E6	129.7E6	46.239	50.223
16)	A 4,4'-DDD	6.179	6.851	562.0E6	122.3E6	50.245	53.107
17)	MA 4,4'-DDT	6.419	7.149	466.1E6	102.8E6	42.799	49.393
18)	B Endrin al...	6.496	7.061	484.7E6	110.7E6	44.777	52.758
19)	B Endosulfa...	6.708	7.285	559.3E6	127.6E6	47.173	53.687
20)	A Methoxychlor	6.964	7.609	238.6E6	56361842	44.993	50.927
21)	B Endrin ke...	7.201	7.756	612.9E6	139.7E6	45.974	55.317
22)	Mirex	7.390	8.208	390.4E6	89207131	46.521	53.101m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022620\
Data File : PL056839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2020 15:13
Operator : AJ\MA
Sample : PB127107BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

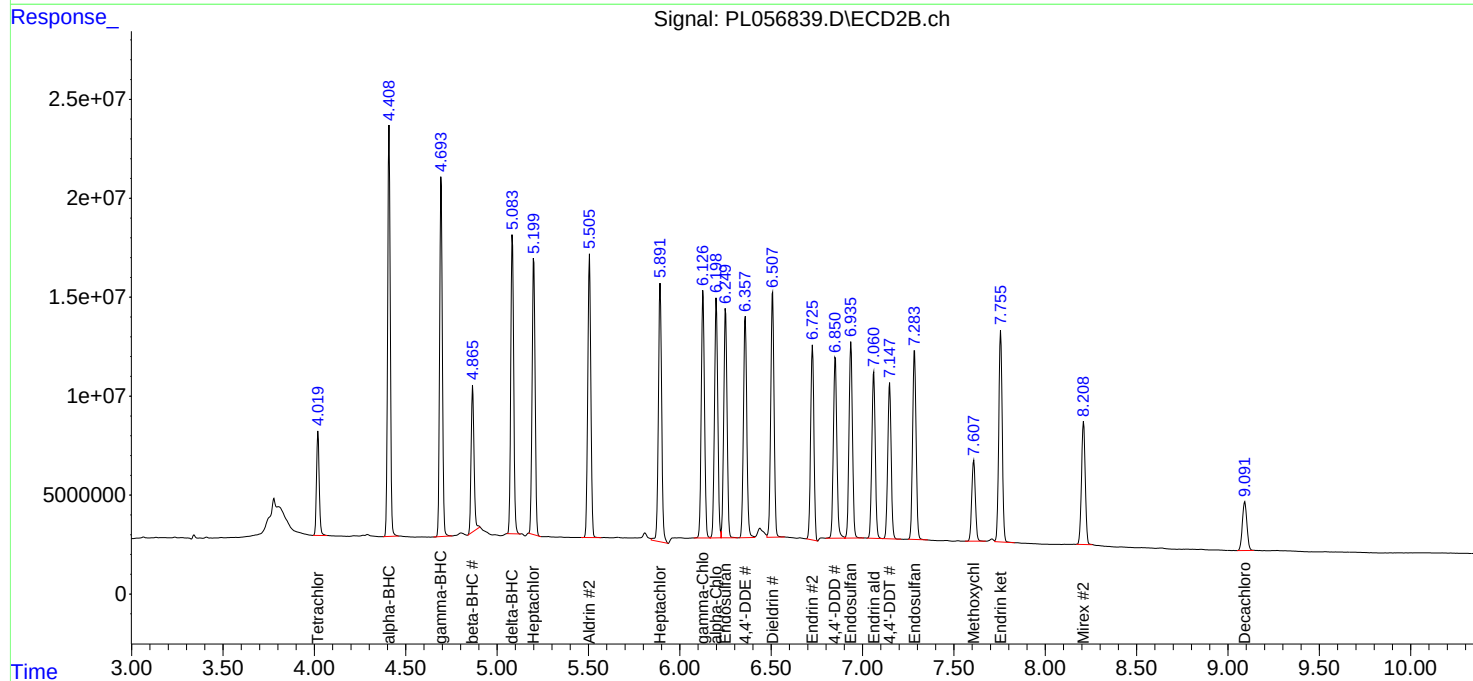
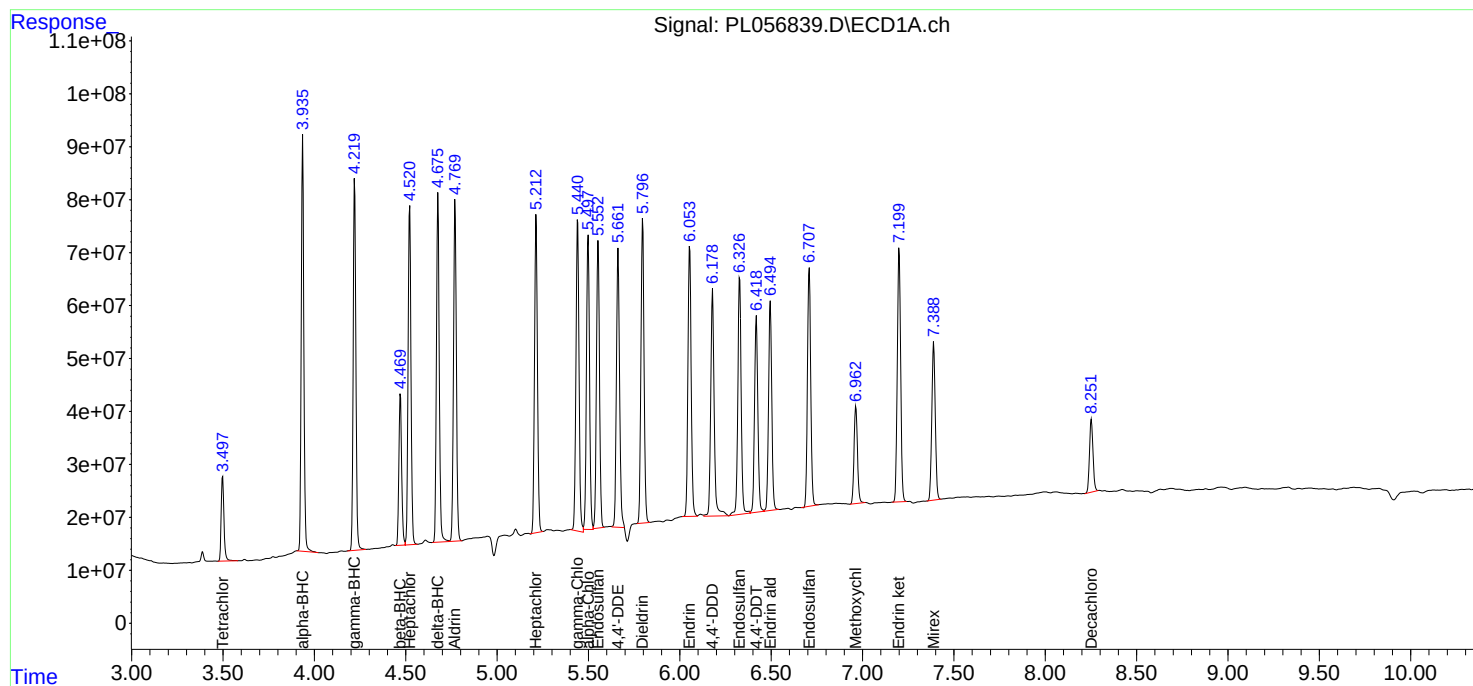
Instrument :
ECD_L
ClientSampleId :
PB127107BS

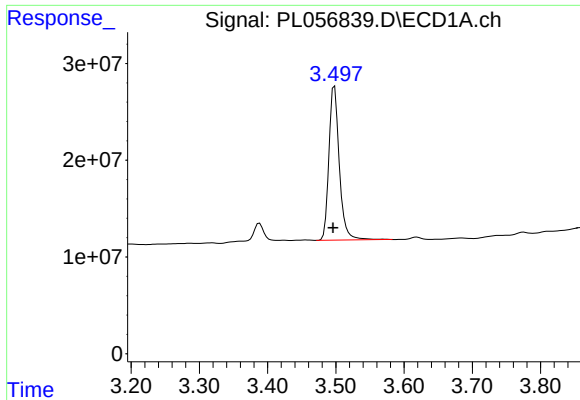
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 00:34:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 02:32:45 2020
Response 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





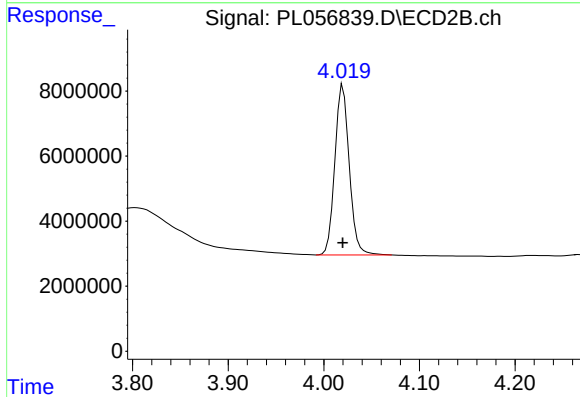
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 168724006
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

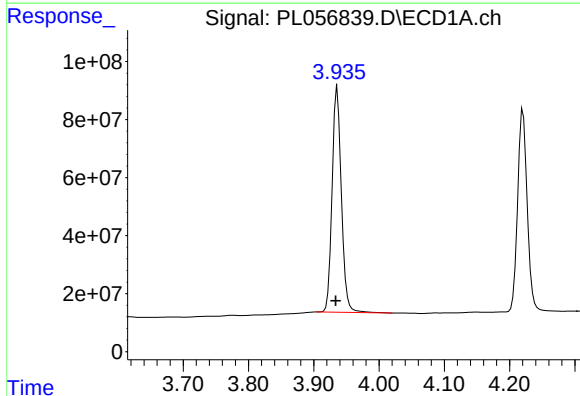
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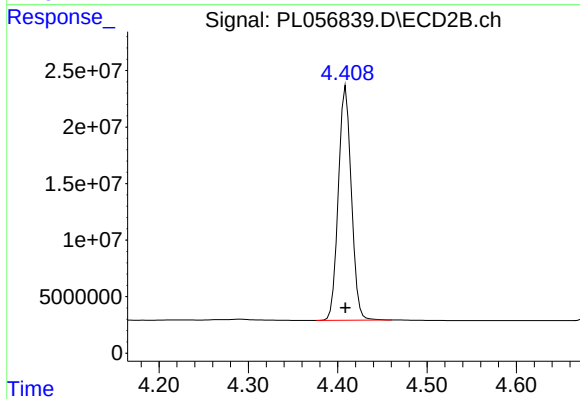
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 54675611
Conc: 21.95 ng/ml



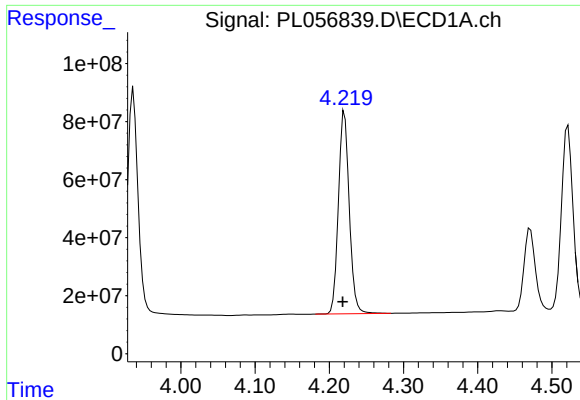
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 767360525
Conc: 48.62 ng/ml m



#2 alpha-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 209200321
Conc: 55.61 ng/ml



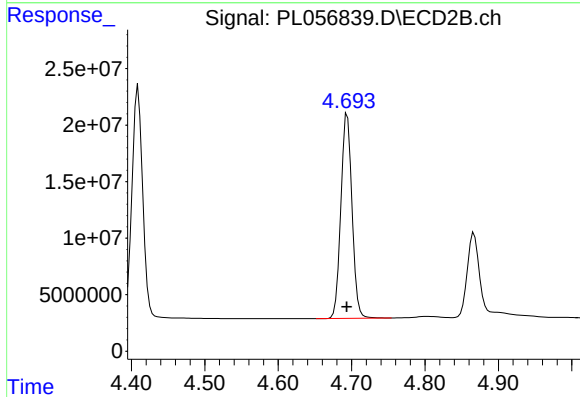
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 712334349
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

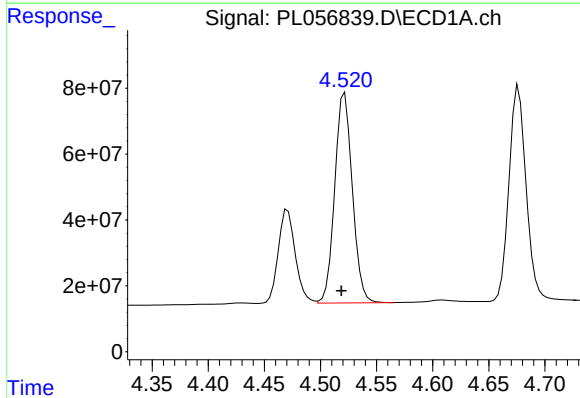
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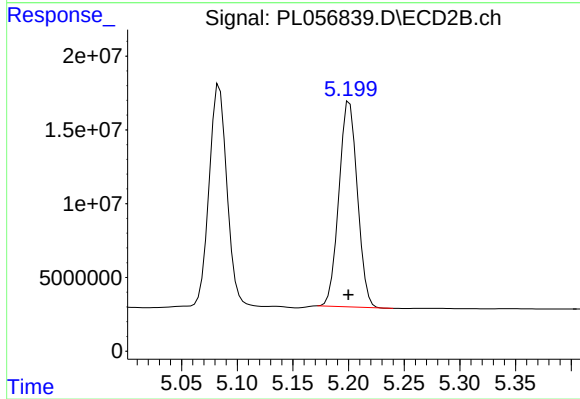
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 190790225
Conc: 55.40 ng/ml



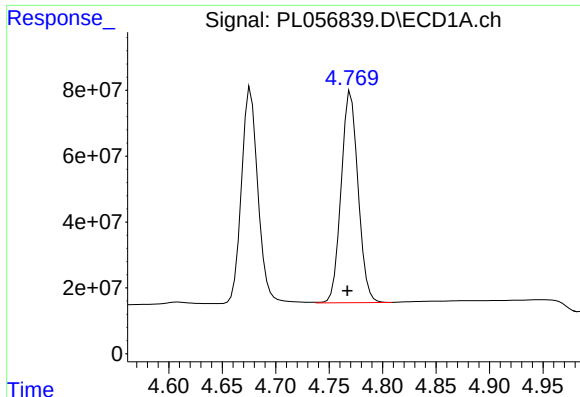
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.003 min
Response: 696081812
Conc: 47.21 ng/ml



#4 Heptachlor

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 160605098
Conc: 54.90 ng/ml



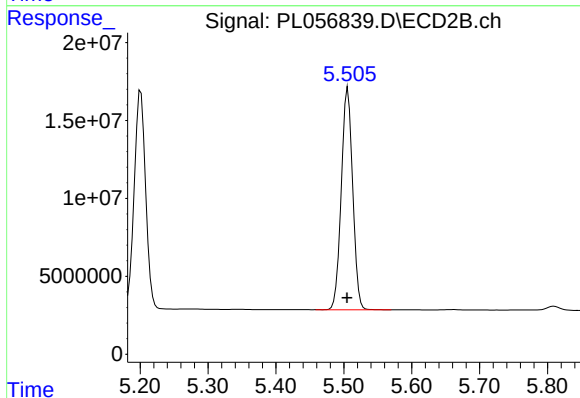
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.003 min
Response: 707938604
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

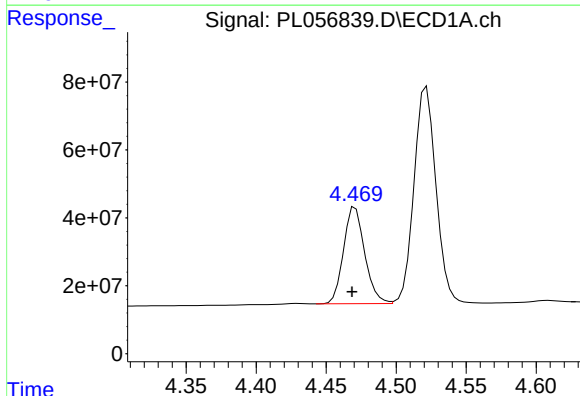
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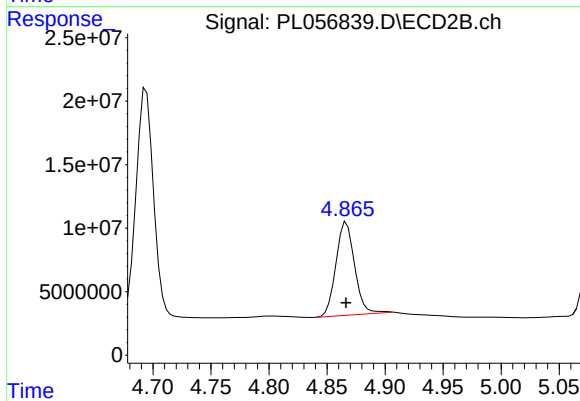
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 166106058
Conc: 53.07 ng/ml



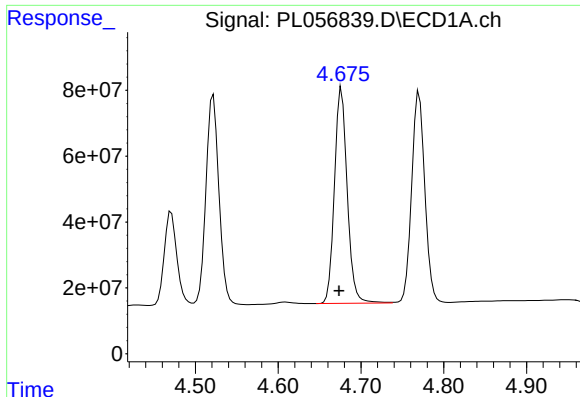
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.003 min
Response: 299972922
Conc: 51.76 ng/ml



#6 beta-BHC

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 82829701
Conc: 63.36 ng/ml



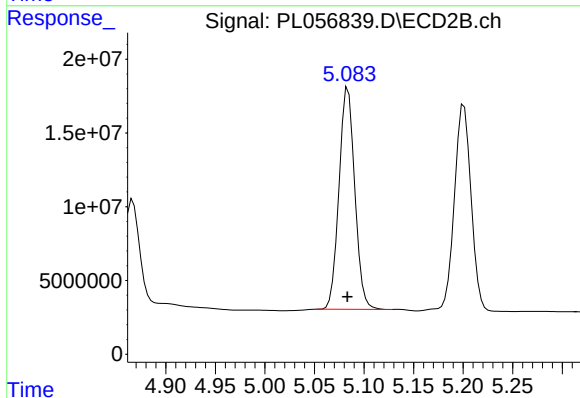
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.003 min
Response: 703325647
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

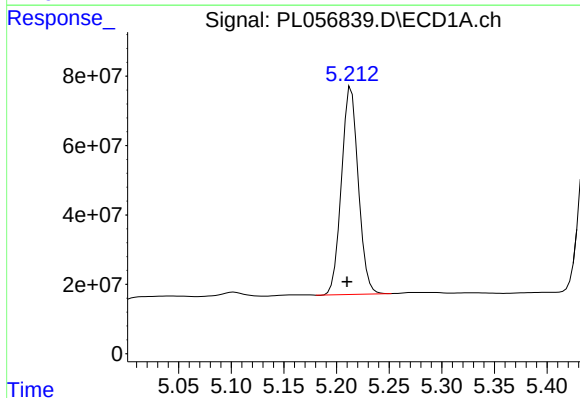
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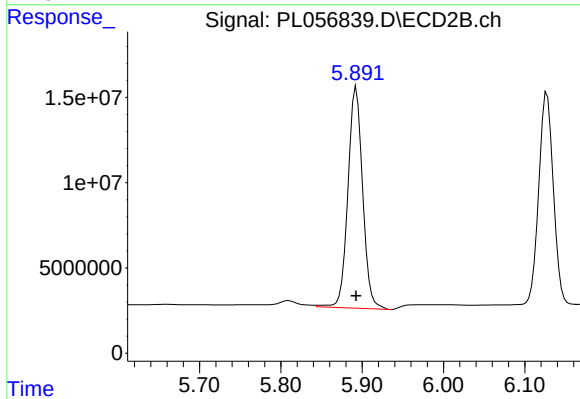
#7 delta-BHC

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 166612109
Conc: 54.72 ng/ml



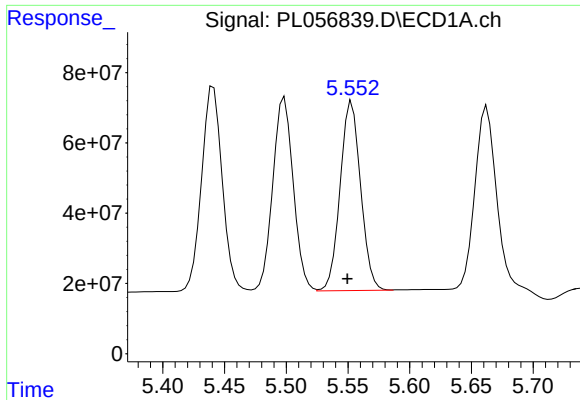
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 667540770
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 162707365
Conc: 55.65 ng/ml



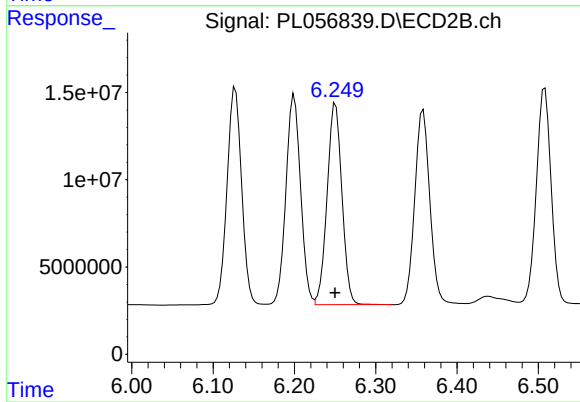
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 622487507
Conc: 46.57 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127107BS

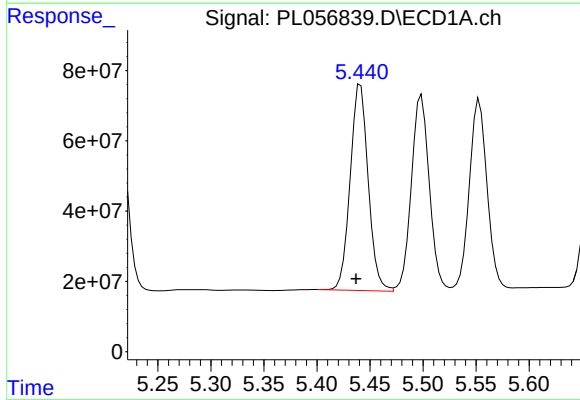
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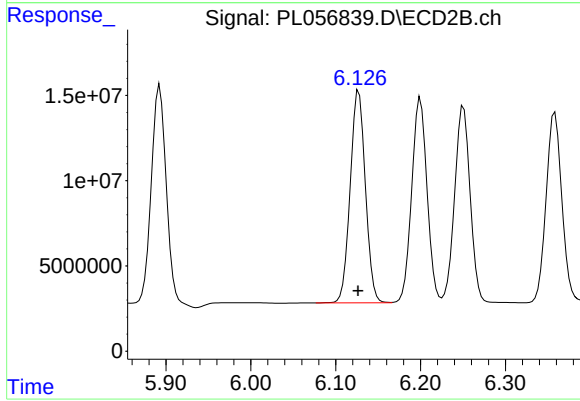
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 147037926
Conc: 54.43 ng/ml



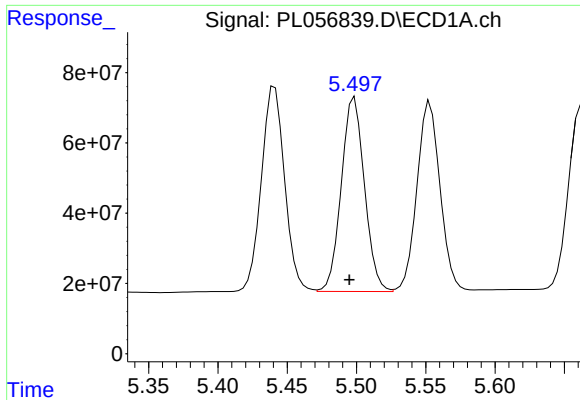
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 692780069
Conc: 47.69 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 155125777
Conc: 54.09 ng/ml



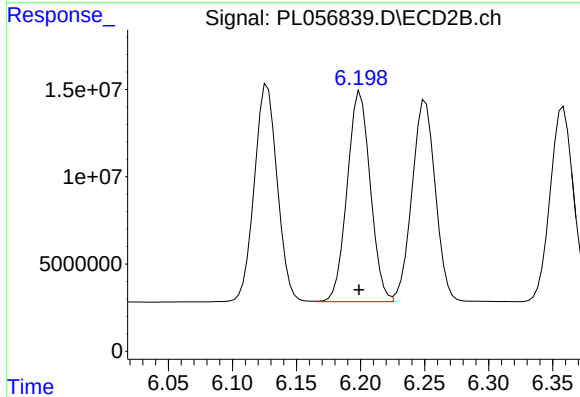
#11 alpha-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.002 min
Response: 642994784
Conc: 44.53 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127107BS

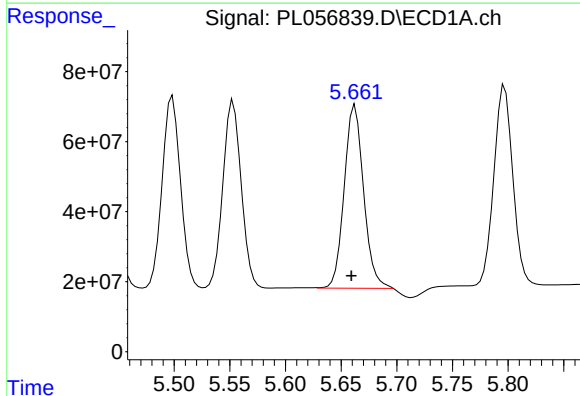
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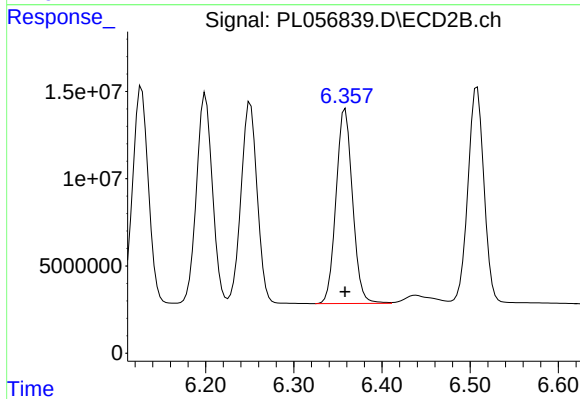
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 151215051
Conc: 53.14 ng/ml



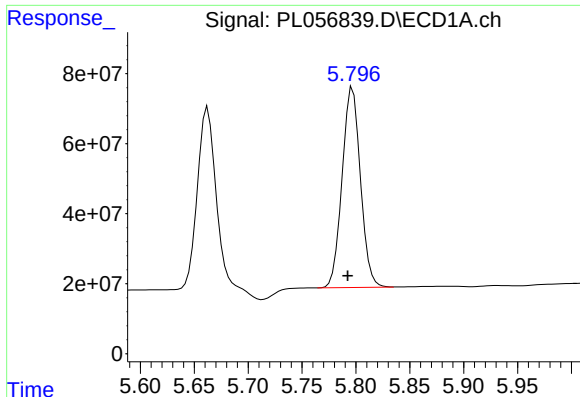
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 634546287
Conc: 45.11 ng/ml m



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 144867293
Conc: 52.61 ng/ml



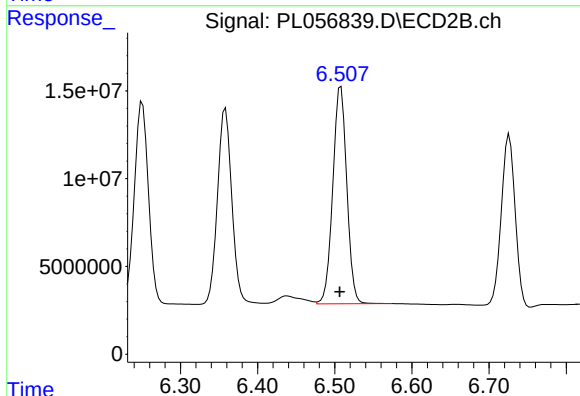
#13 Dieldrin

R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 677768085
Conc: 45.47 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127107BS

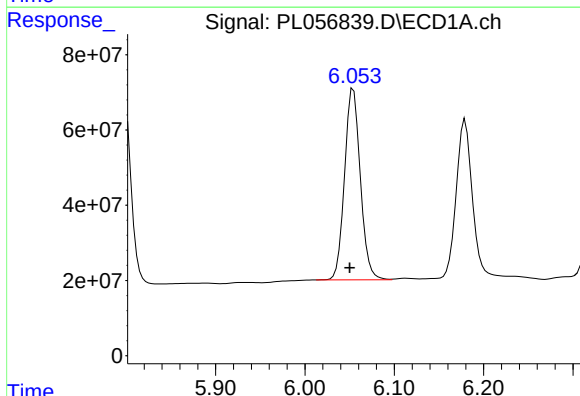
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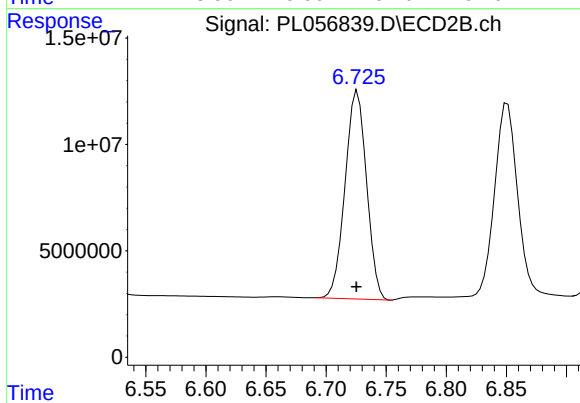
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.001 min
Response: 156542832
Conc: 54.76 ng/ml



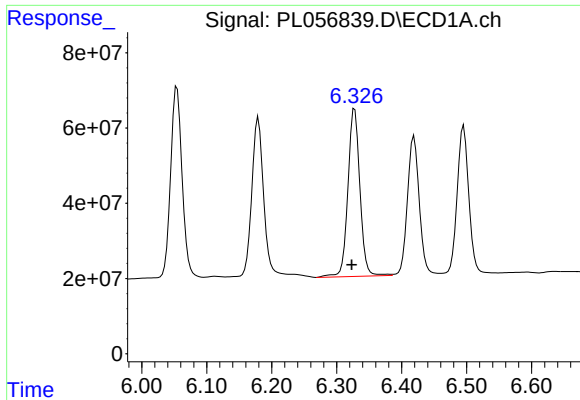
#14 Endrin

R.T.: 6.054 min
Delta R.T.: 0.004 min
Response: 624372650
Conc: 46.26 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 122076192
Conc: 49.55 ng/ml



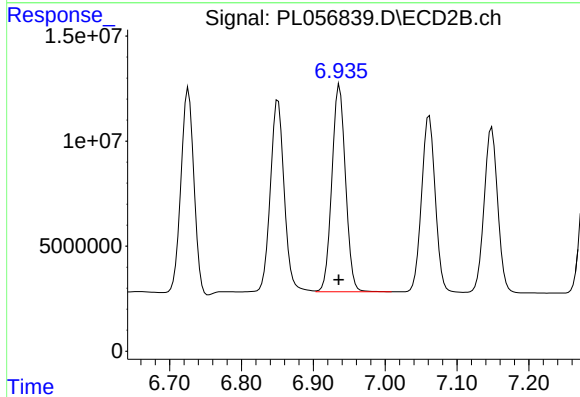
#15 Endosulfan II

R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 574247929
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

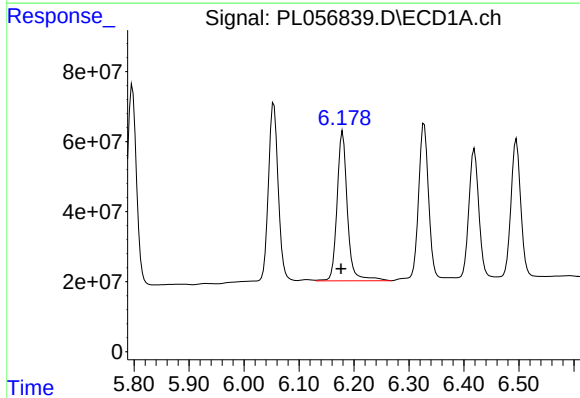
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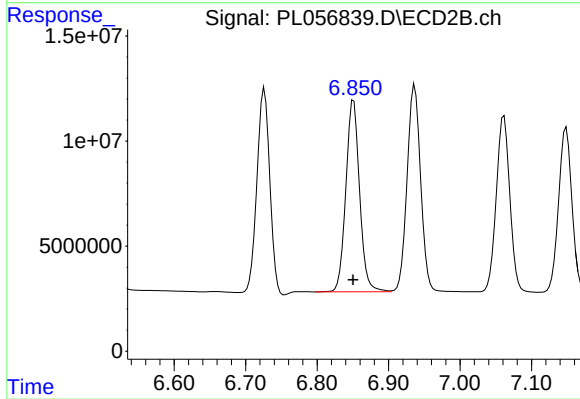
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 129707988
Conc: 50.22 ng/ml



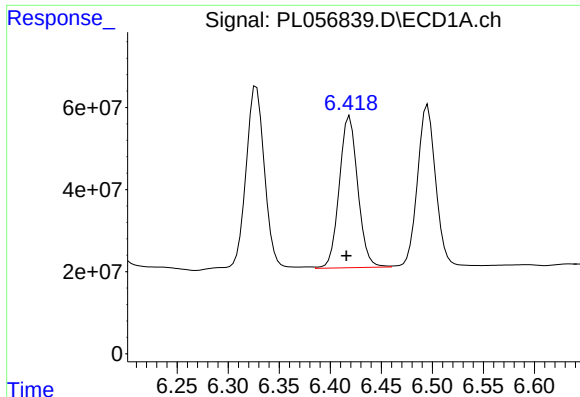
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.003 min
Response: 562013013
Conc: 50.25 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 122284506
Conc: 53.11 ng/ml



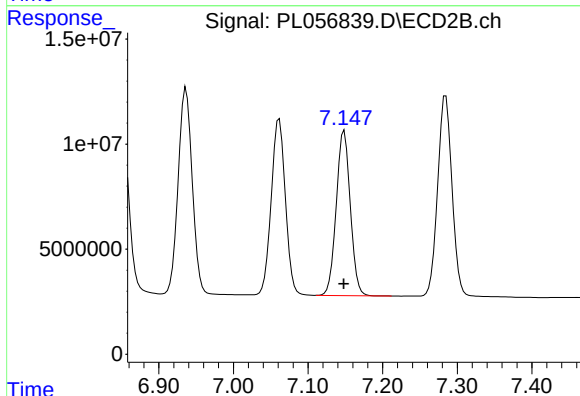
#17 4,4'-DDT

R.T.: 6.419 min
Delta R.T.: 0.003 min
Response: 466098878
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

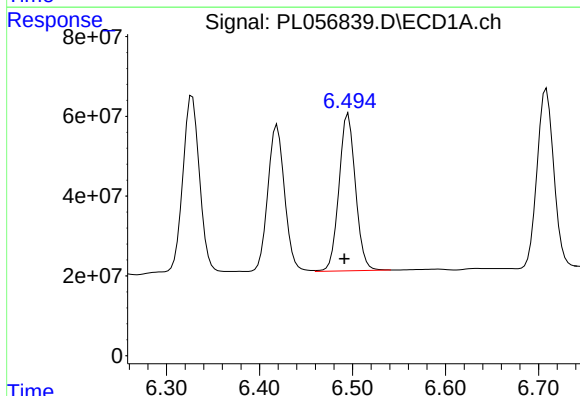
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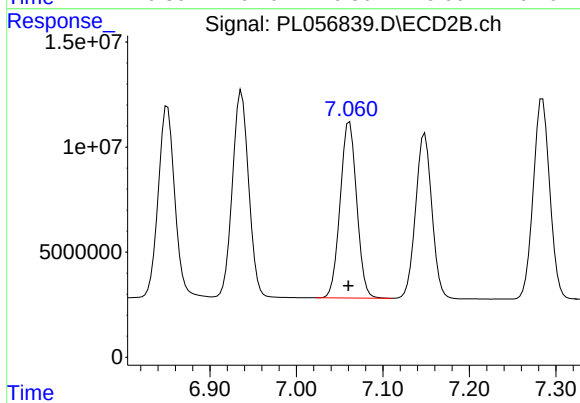
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 102761031
Conc: 49.39 ng/ml



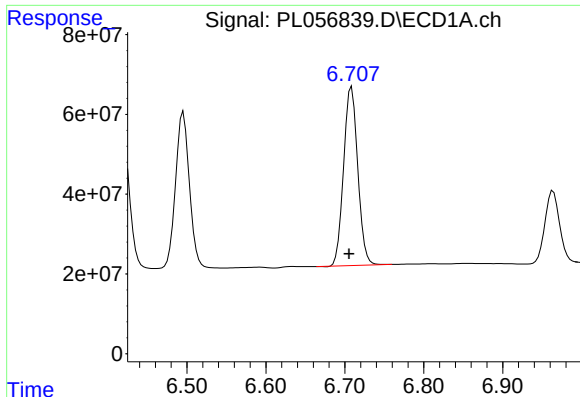
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.004 min
Response: 484693354
Conc: 44.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 110677621
Conc: 52.76 ng/ml



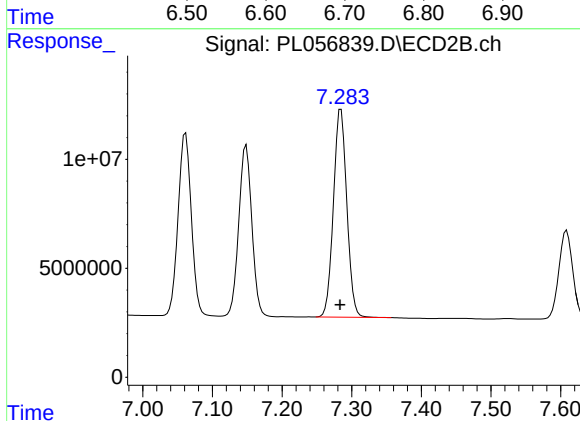
#19 Endosulfan Sulfate

R.T.: 6.708 min
Delta R.T.: 0.003 min
Response: 559323288
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

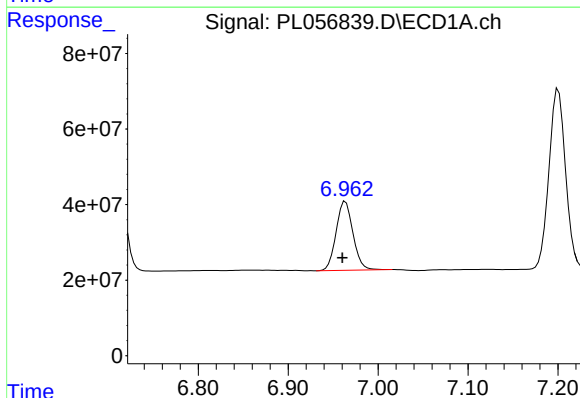
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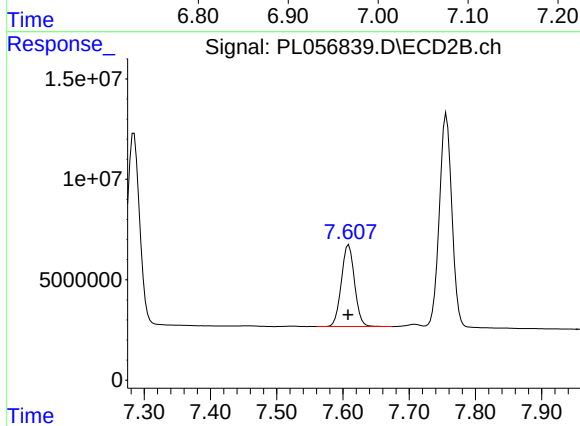
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 127587146
Conc: 53.69 ng/ml



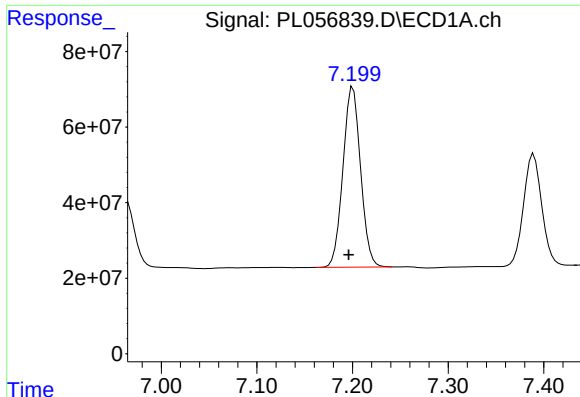
#20 Methoxychlor

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 238571544
Conc: 44.99 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 56361842
Conc: 50.93 ng/ml



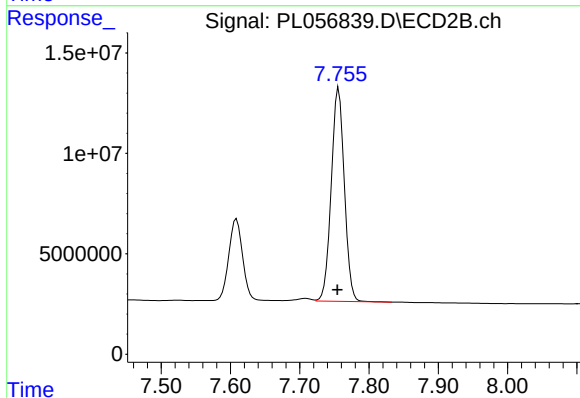
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.005 min
Response: 612927868
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127107BS

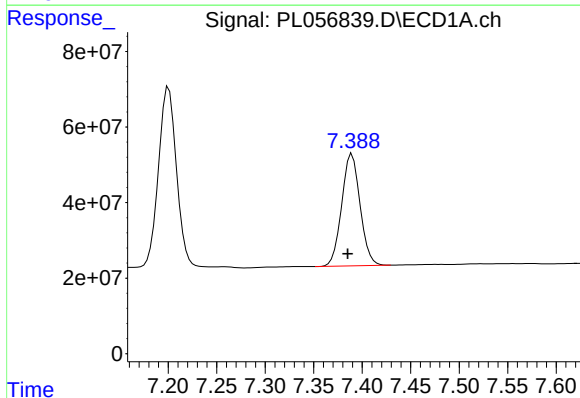
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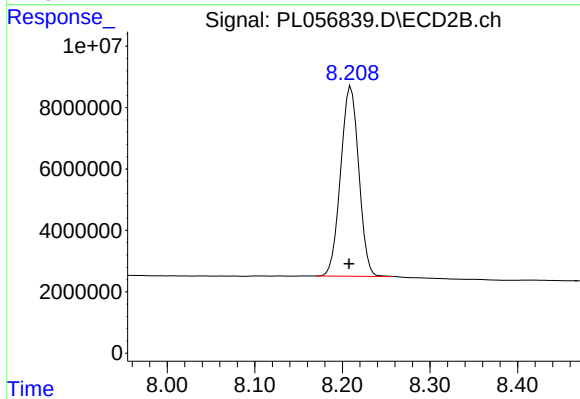
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.002 min
Response: 139693867
Conc: 55.32 ng/ml



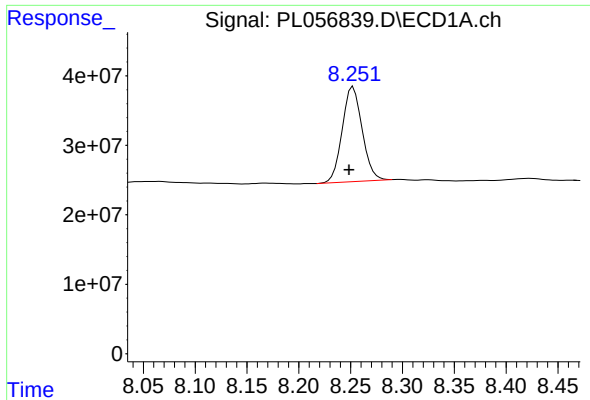
#22 Mirex

R.T.: 7.390 min
Delta R.T.: 0.004 min
Response: 390380431
Conc: 46.52 ng/ml



#22 Mirex

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 89207131
Conc: 53.10 ng/ml m



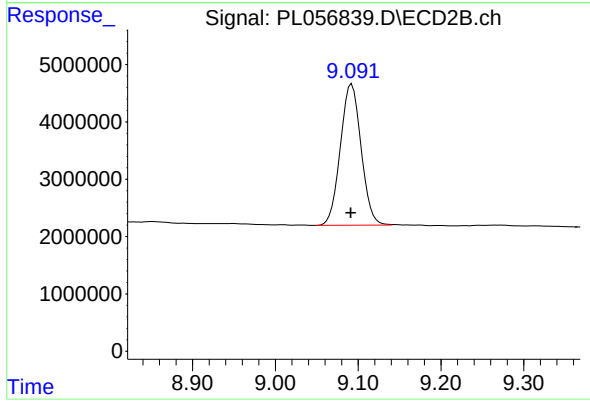
#28 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: 0.003 min
Response: 183597105
Conc: 15.43 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127107BS

Manual Integrations
APPROVED

mohammad
2/27/2020 11:37:56 AM



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 42908675
Conc: 20.42 ng/ml m