

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071619\
 Data File : PL050432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 23:26
 Operator : SM\AJ
 Sample : K3620-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-01-071219-AMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:14:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 2019
 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...	3.319	3.931	188.3E6	60067072	16.696	19.618
28)	SA Decachlor...	7.981	8.961	164.6E6	51248255	12.957	15.266
Target Compounds							
2)	A alpha-BHC	3.746	4.319	946.6E6	257.2E6	50.386	57.456
3)	MA gamma-BHC...	4.022	4.602	886.3E6	237.9E6	49.987	57.349
4)	MA Heptachlor	4.305	5.104	875.7E6	236.9E6	48.174	54.722
5)	MB Aldrin	4.544	5.406	833.2E6	212.5E6	48.254	54.241
6)	B beta-BHC	4.276	4.778	365.3E6	109.9E6	49.941	56.729
7)	B delta-BHC	4.469	4.992	839.7E6	214.3E6	46.954	54.414
8)	B Heptachlor...	4.980	5.793	744.5E6	205.4E6	46.250	56.503
9)	A Endosulfan I	5.310	6.148	728.7E6	189.8E6	47.095	55.877
10)	B gamma-Chl...	5.202	6.027	787.0E6	208.8E6	46.053	56.038
11)	B alpha-Chl...	5.258	6.098	759.7E6	202.7E6	45.768	54.820
12)	B 4,4'-DDE	5.424	6.258	693.6E6	195.5E6	41.635m	56.348 #
13)	MA Dieldrin	5.549	6.404	760.0E6	196.8E6	45.622	55.470
14)	MA Endrin	5.801	6.621	758.5E6	163.5E6	47.362	51.790
15)	B Endosulfa...	6.076	6.833	685.6E6	171.1E6	47.049	53.116
16)	A 4,4'-DDD	5.934	6.749	601.0E6	145.1E6	47.604m	55.511
17)	MA 4,4'-DDT	6.170	7.045	580.7E6	135.9E6	43.744	46.387
18)	B Endrin al...	6.243	6.957	532.3E6	142.0E6	45.063	51.714
19)	B Endosulfa...	6.454	7.180	548.3E6	143.5E6	42.287	47.677
20)	A Methoxychlor	6.715	7.507	253.4E6	76020086	38.874	45.609
21)	B Endrin ke...	6.934	7.649	603.7E6	153.9E6	42.951m	49.398
22)	Mirex	7.110	8.098	391.9E6	113.6E6	37.917	44.918

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071619\
Data File : PL050432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2019 23:26
Operator : SM\AJ
Sample : K3620-02MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

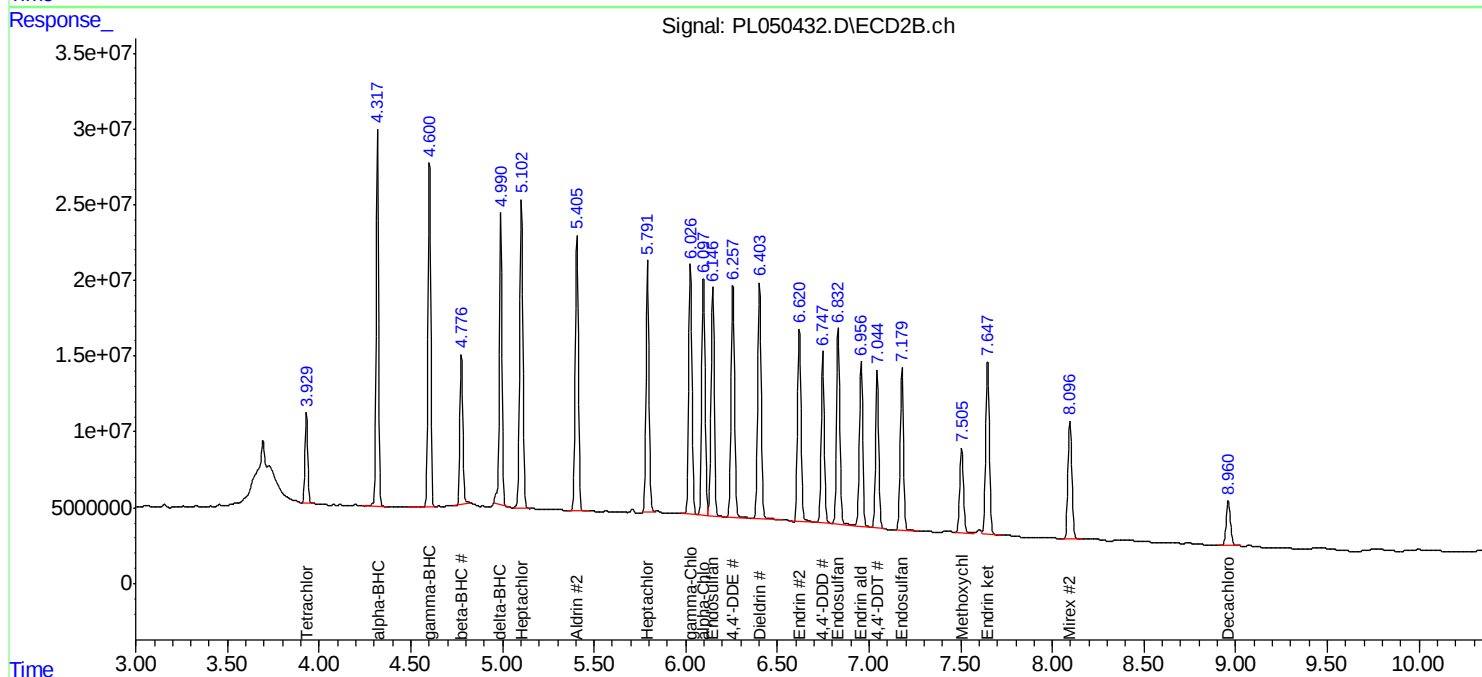
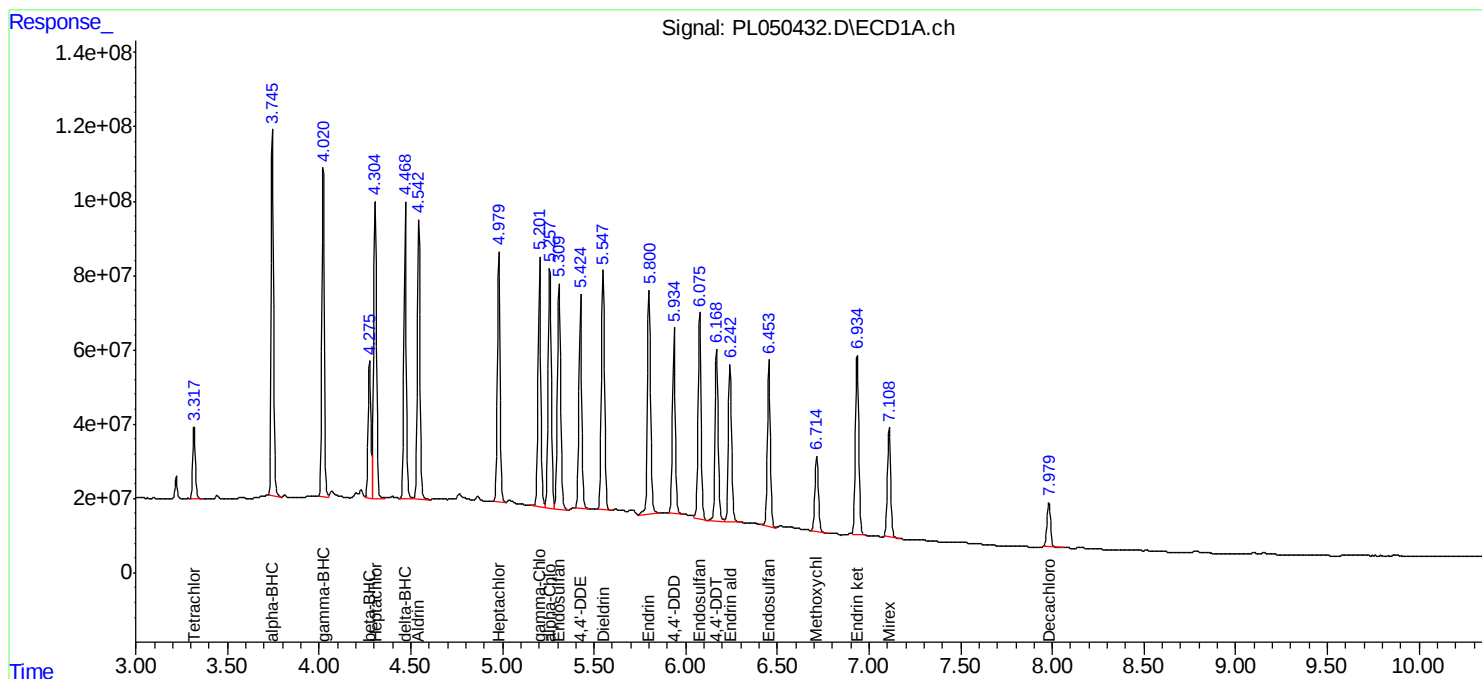
Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

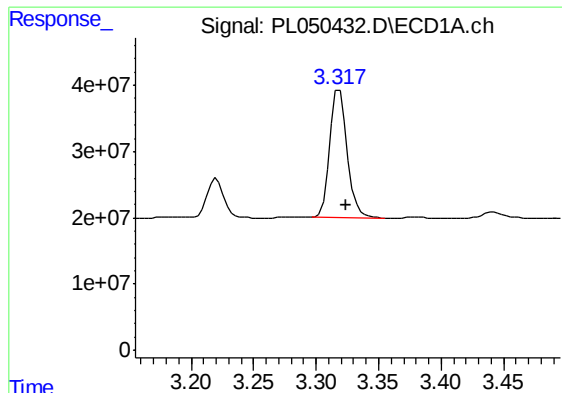
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:14:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
Response 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





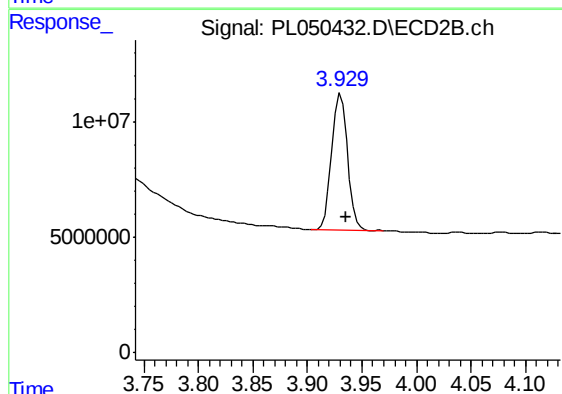
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.005 min
Response: 188297485
Conc: 16.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

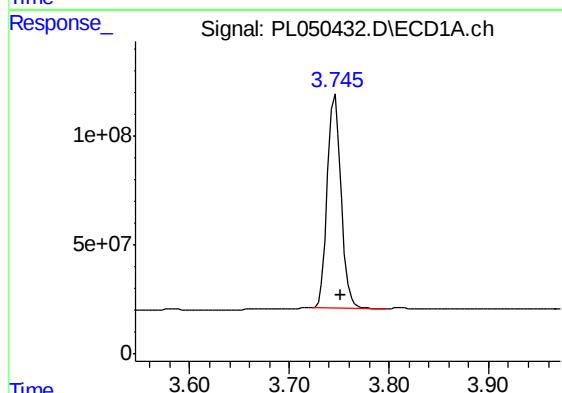
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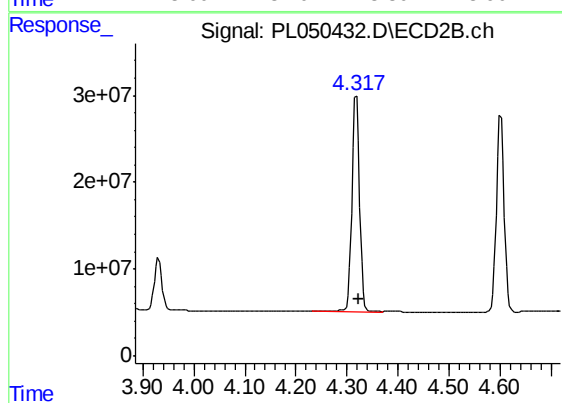
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 60067072
Conc: 19.62 ng/ml



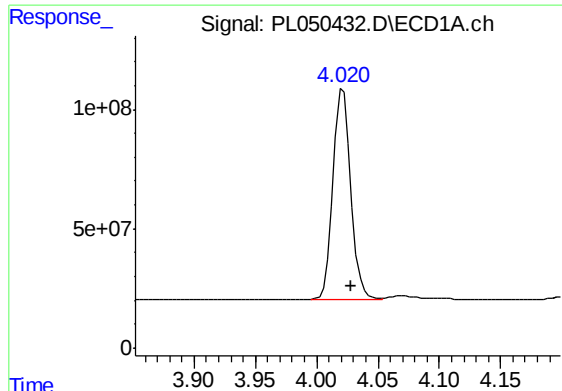
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: -0.006 min
Response: 946622416
Conc: 50.39 ng/ml



#2 alpha-BHC

R.T.: 4.319 min
Delta R.T.: -0.005 min
Response: 257205306
Conc: 57.46 ng/ml



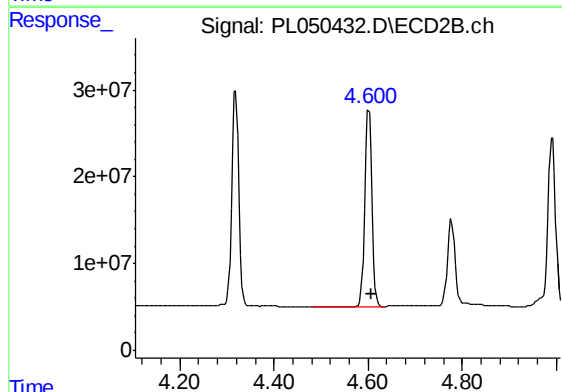
#3 gamma-BHC (Lindane)

R.T.: 4.022 min
Delta R.T.: -0.006 min
Response: 886295693
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

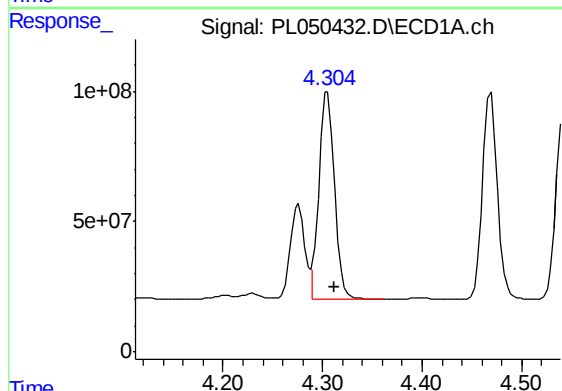
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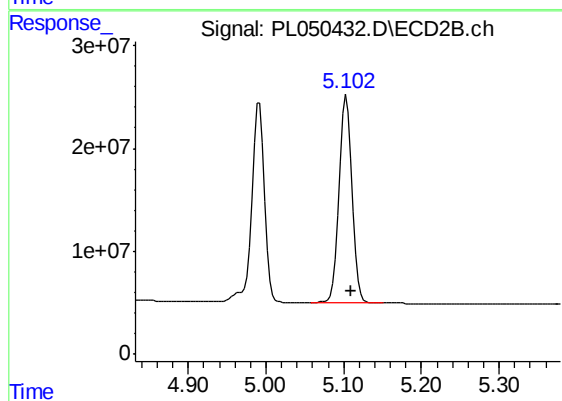
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 237873567
Conc: 57.35 ng/ml



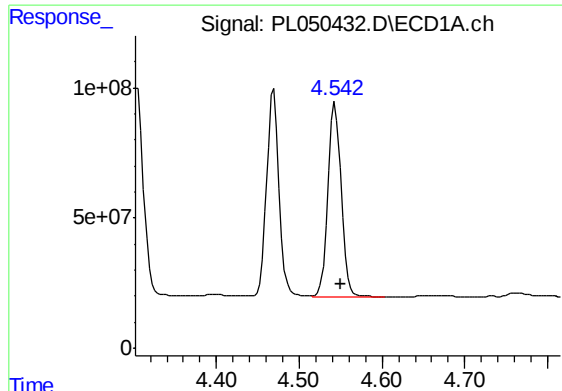
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: -0.007 min
Response: 875669521
Conc: 48.17 ng/ml



#4 Heptachlor

R.T.: 5.104 min
Delta R.T.: -0.007 min
Response: 236859166
Conc: 54.72 ng/ml



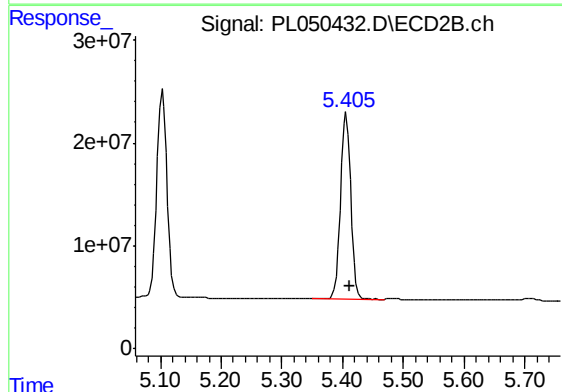
#5 Aldrin

R.T.: 4.544 min
Delta R.T.: -0.007 min
Response: 833245601
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

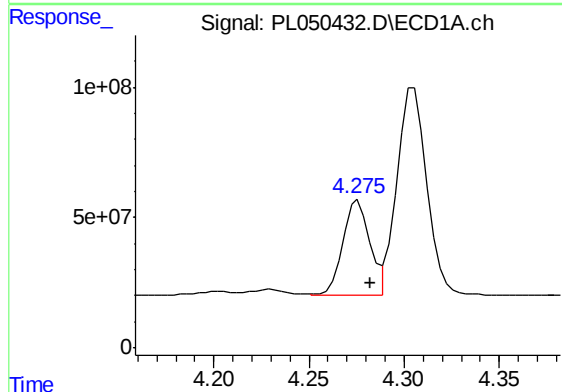
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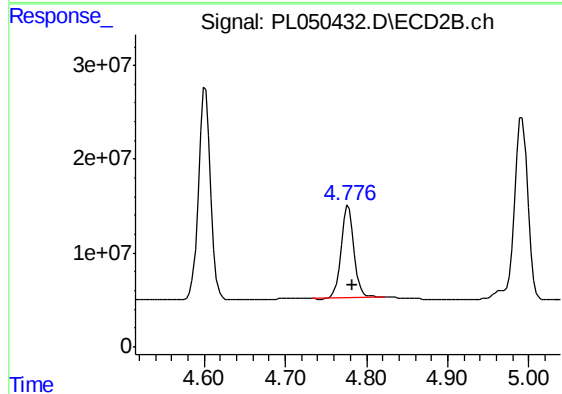
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: -0.007 min
Response: 212465896
Conc: 54.24 ng/ml



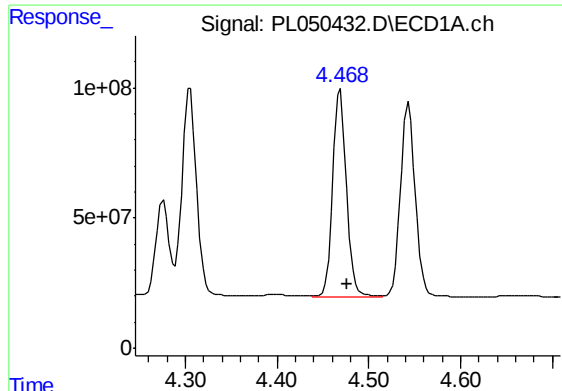
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: -0.006 min
Response: 365308433
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 109886274
Conc: 56.73 ng/ml



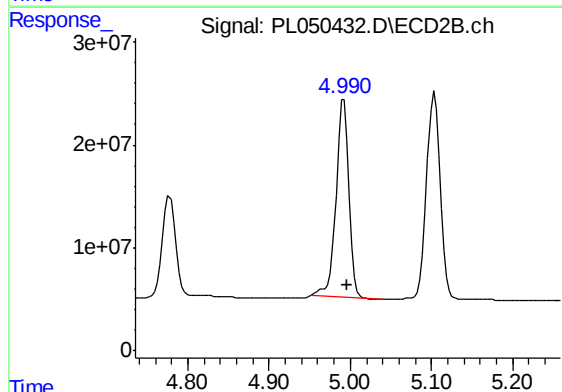
#7 delta-BHC

R.T.: 4.469 min
Delta R.T.: -0.007 min
Response: 839719379
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

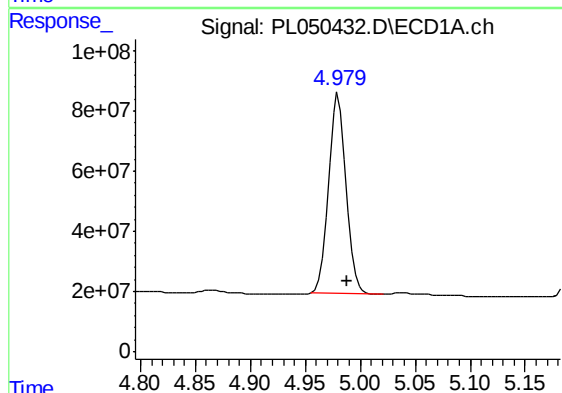
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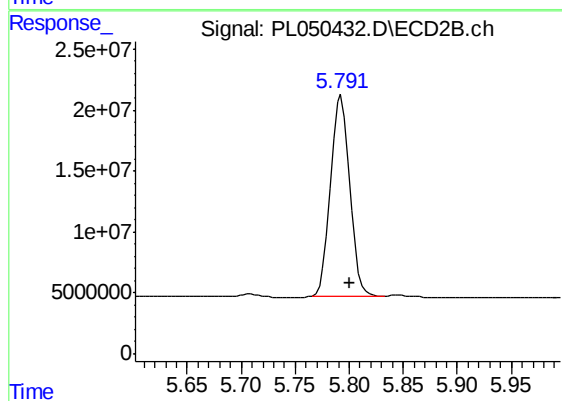
#7 delta-BHC

R.T.: 4.992 min
Delta R.T.: -0.005 min
Response: 214328521
Conc: 54.41 ng/ml



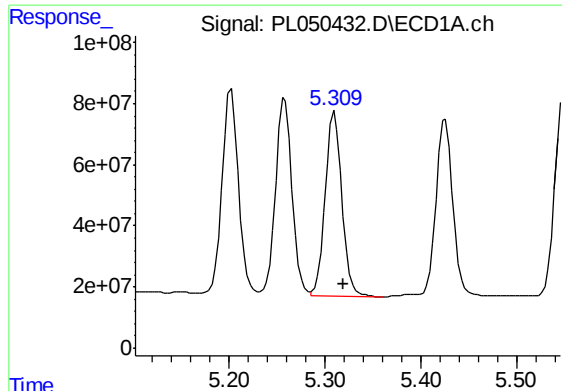
#8 Heptachlor epoxide

R.T.: 4.980 min
Delta R.T.: -0.008 min
Response: 744501783
Conc: 46.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.793 min
Delta R.T.: -0.007 min
Response: 205430549
Conc: 56.50 ng/ml



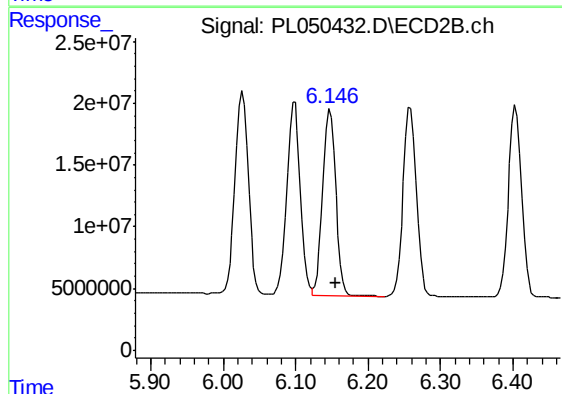
#9 Endosulfan I

R.T.: 5.310 min
Delta R.T.: -0.009 min
Response: 728678691
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

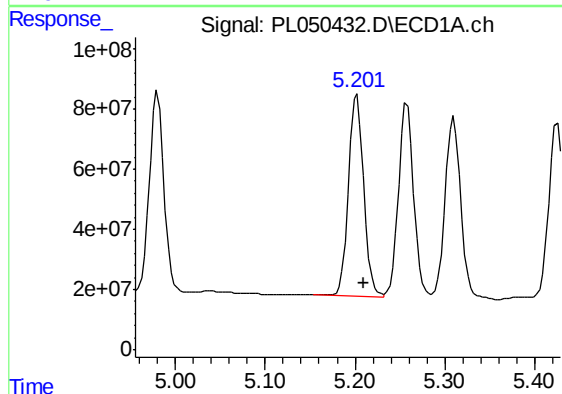
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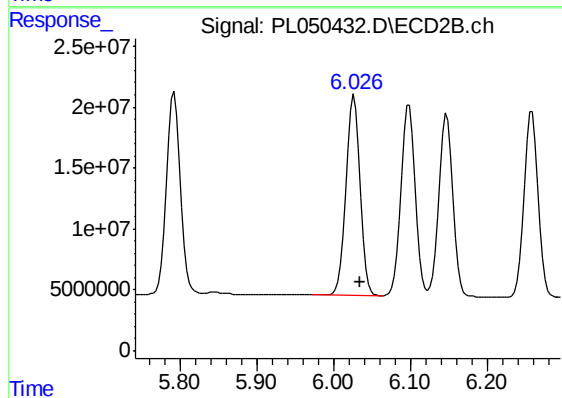
#9 Endosulfan I

R.T.: 6.148 min
Delta R.T.: -0.008 min
Response: 189834388
Conc: 55.88 ng/ml



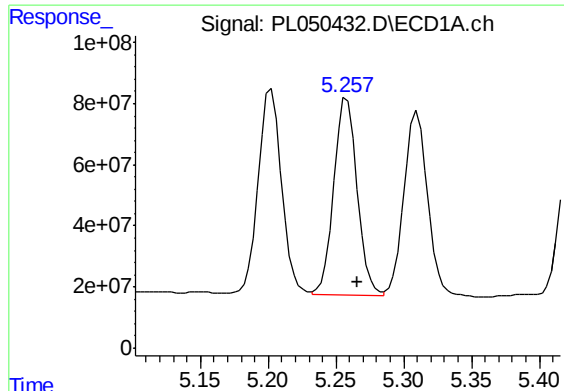
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: -0.008 min
Response: 786991809
Conc: 46.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.007 min
Response: 208822943
Conc: 56.04 ng/ml



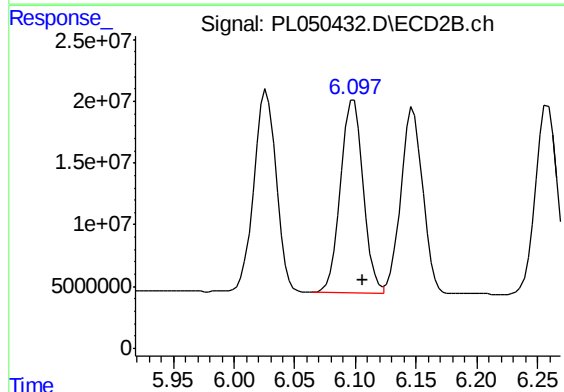
#11 alpha-Chlordane

R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 759699019
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

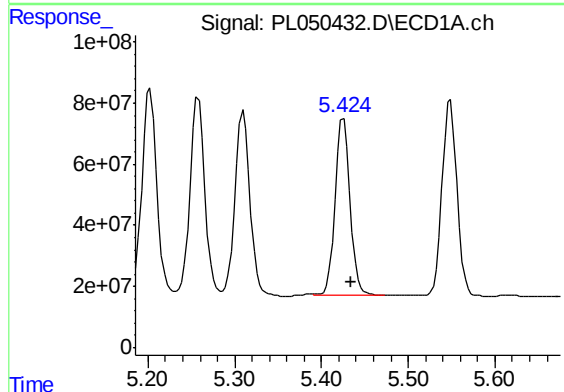
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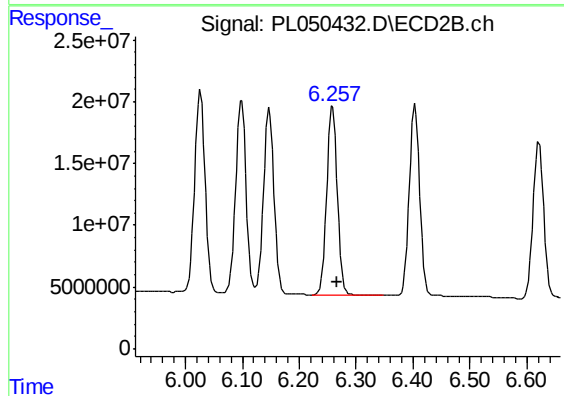
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: -0.007 min
Response: 202747472
Conc: 54.82 ng/ml



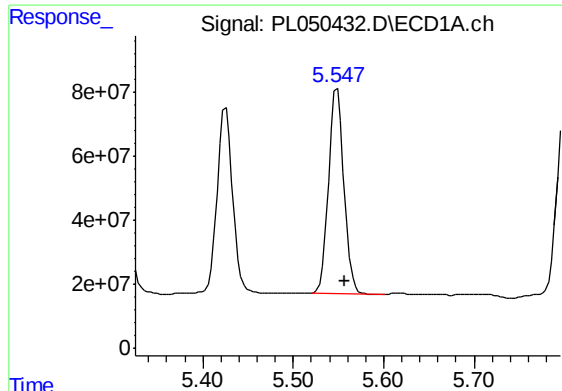
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: -0.010 min
Response: 693606590
Conc: 41.64 ng/ml m



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: -0.007 min
Response: 195534254
Conc: 56.35 ng/ml



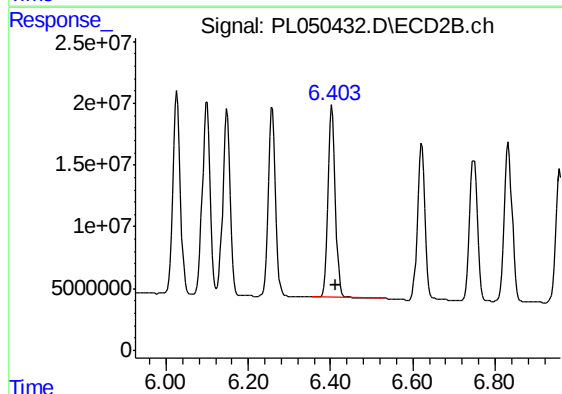
#13 Dielldrin

R.T.: 5.549 min
Delta R.T.: -0.009 min
Response: 759958812
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

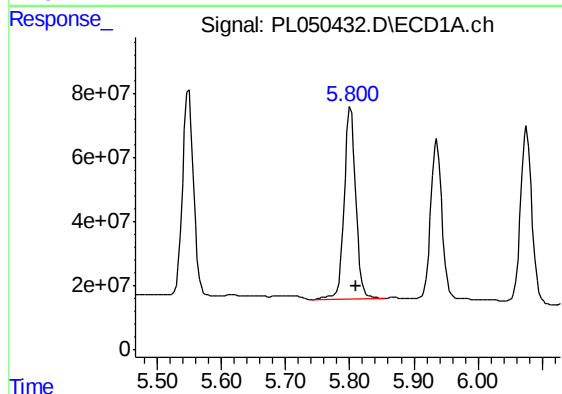
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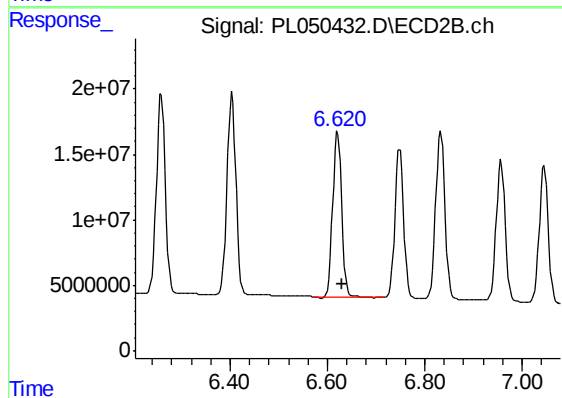
#13 Dielldrin

R.T.: 6.404 min
Delta R.T.: -0.008 min
Response: 196781370
Conc: 55.47 ng/ml



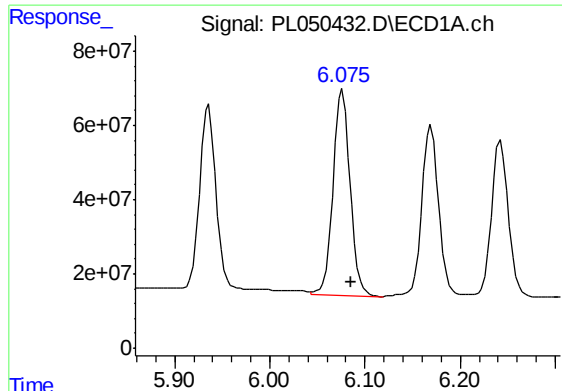
#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 758482661
Conc: 47.36 ng/ml



#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.008 min
Response: 163512195
Conc: 51.79 ng/ml



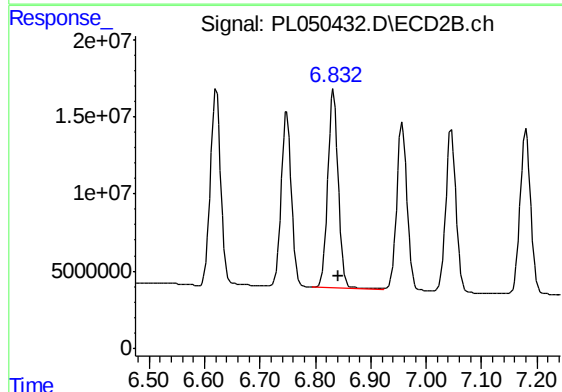
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: -0.009 min
Response: 685571050
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

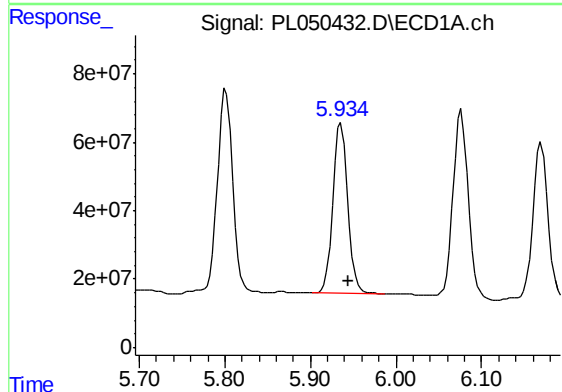
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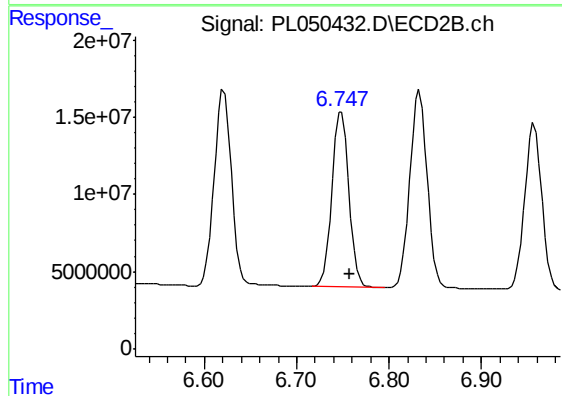
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.008 min
Response: 171080548
Conc: 53.12 ng/ml



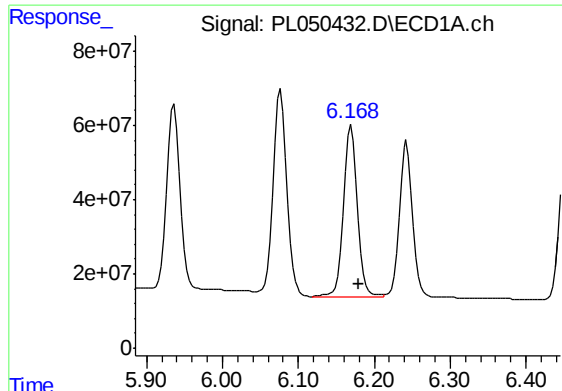
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 600954858
Conc: 47.60 ng/ml m



#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 145117891
Conc: 55.51 ng/ml



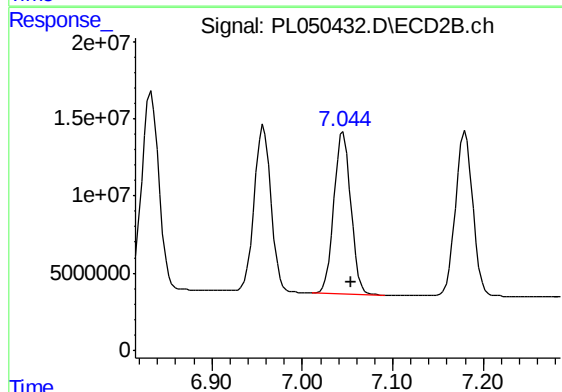
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.010 min
Response: 580731295
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

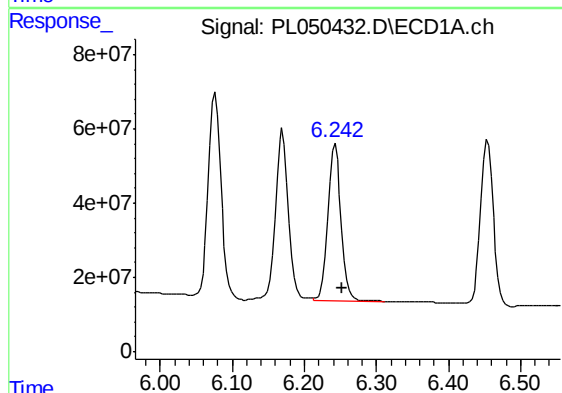
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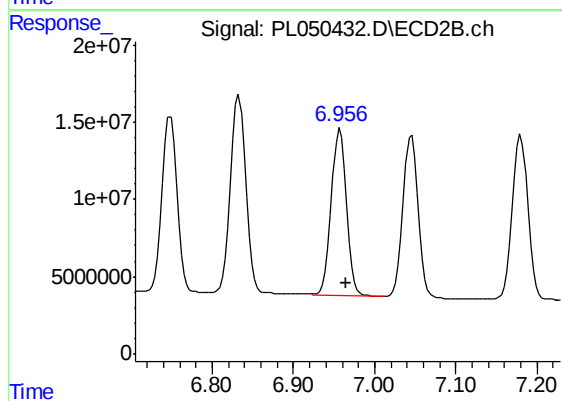
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.008 min
Response: 135856211
Conc: 46.39 ng/ml



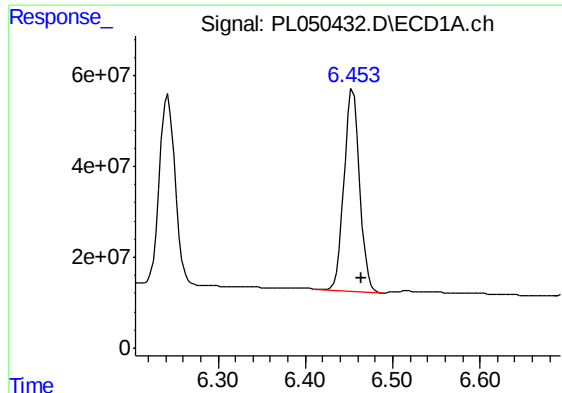
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 532268874
Conc: 45.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.008 min
Response: 142025562
Conc: 51.71 ng/ml



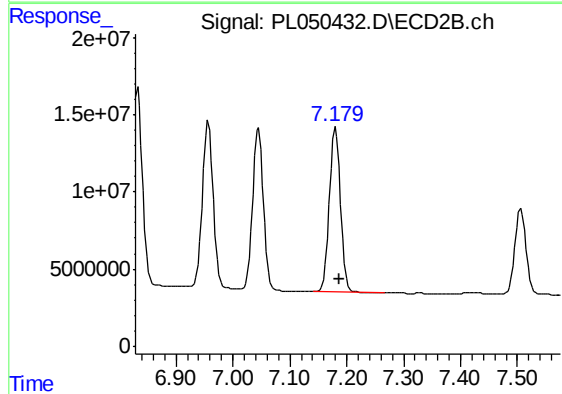
#19 Endosulfan Sulfate

R.T.: 6.454 min
Delta R.T.: -0.010 min
Response: 548271885
Conc: 42.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

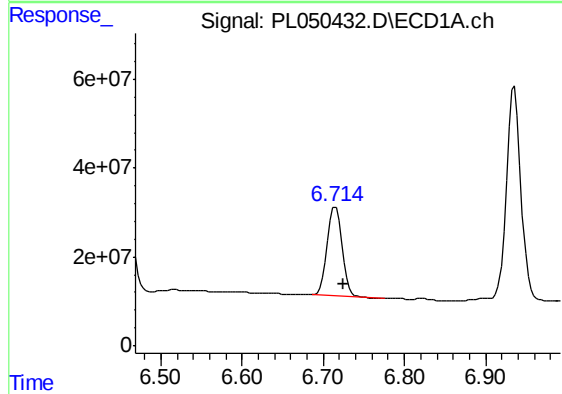
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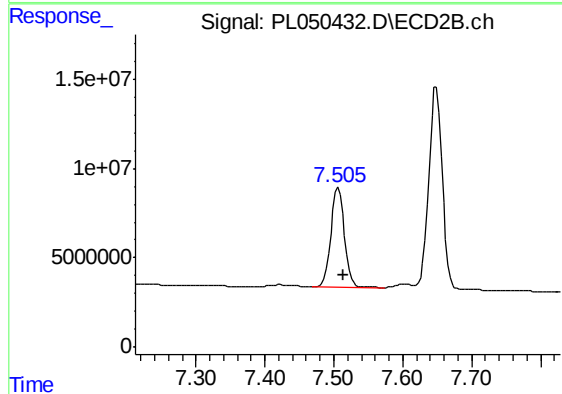
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: -0.008 min
Response: 143489430
Conc: 47.68 ng/ml



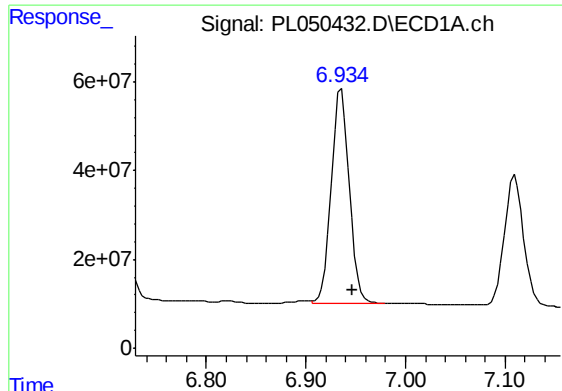
#20 Methoxychlor

R.T.: 6.715 min
Delta R.T.: -0.010 min
Response: 253389832
Conc: 38.87 ng/ml



#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: -0.008 min
Response: 76020086
Conc: 45.61 ng/ml



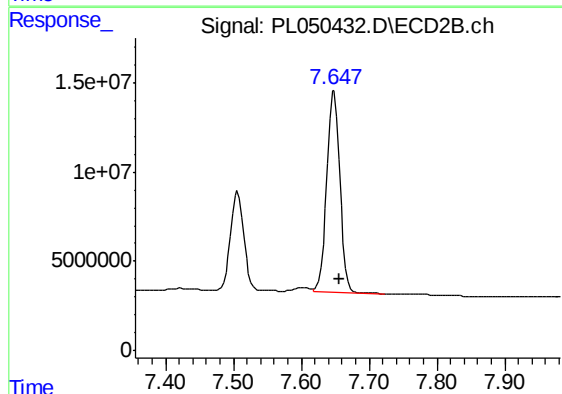
#21 Endrin ketone

R.T.: 6.934 min
Delta R.T.: -0.012 min
Response: 603678479
Conc: 42.95 ng/ml m

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

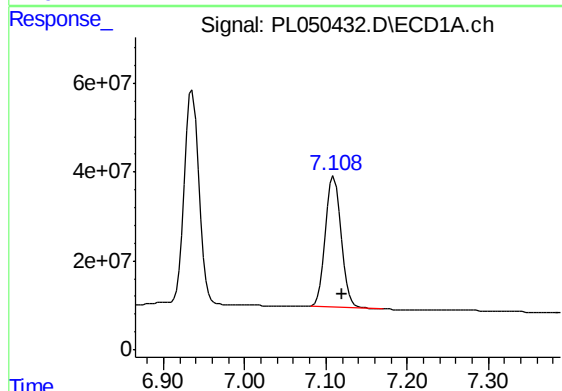
Manual Integrations
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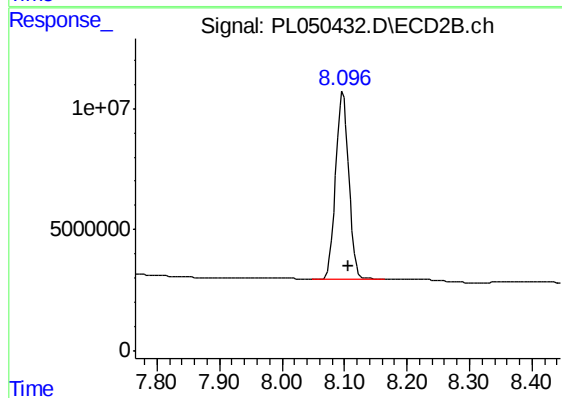
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: -0.009 min
Response: 153931929
Conc: 49.40 ng/ml



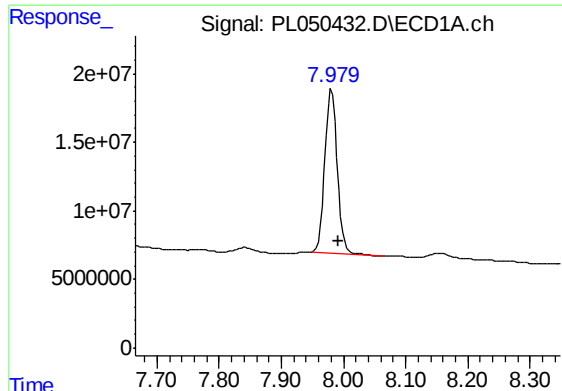
#22 Mirex

R.T.: 7.110 min
Delta R.T.: -0.010 min
Response: 391941968
Conc: 37.92 ng/ml



#22 Mirex

R.T.: 8.098 min
Delta R.T.: -0.009 min
Response: 113582843
Conc: 44.92 ng/ml



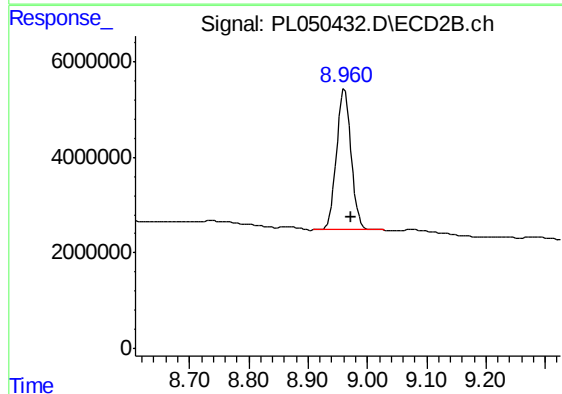
#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.011 min
Response: 164634177
Conc: 12.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-071219-AMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: -0.012 min
Response: 51248255
Conc: 15.27 ng/ml