

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
 Data File : PL057051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2020 19:20
 Operator : AJ\MA
 Sample : L1771-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PIER-122-CORE-2-3-2-20MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 02:50:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:55:01 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...	3.460	3.958	153.2E6	41987075	17.980	19.680
28)	SA Decachlor...	8.211	8.984	122.7E6	30592815	12.695	14.398
Target Compounds							
2)	A alpha-BHC	3.897	4.345	665.5E6	159.0E6	44.906	50.326
3)	MA gamma-BHC...	4.181	4.626	625.5E6	149.3E6	45.525	48.041m
4)	MA Heptachlor	4.482	5.129	627.6E6	161.8E6	46.201	51.998m
5)	MB Aldrin	4.730	5.431	599.0E6	152.4E6	46.392	50.990m
6)	B beta-BHC	4.432	4.801	253.4E6	74149822	47.831	52.612
7)	B delta-BHC	4.637	5.013	593.0E6	112.5E6	45.455	46.209m
8)	B Heptachlo...	5.173	5.817	554.7E6	134.9E6	45.840	48.676
9)	A Endosulfan I	5.511	6.172	524.9E6	139.0E6	46.303	49.768
10)	B gamma-Chl...	5.399	6.051	583.1E6	151.5E6	46.949	50.619
11)	B alpha-Chl...	5.458	6.123	557.6E6	149.9E6	45.387	49.736
12)	B 4,4'-DDE	5.622	6.281	549.7E6	142.6E6	46.914	50.249
13)	MA Dieldrin	5.755	6.428	568.0E6	143.0E6	46.460	48.578
14)	MA Endrin	6.012	6.644	503.3E6	123.5E6	46.259	47.903
15)	B Endosulfa...	6.285	6.855	476.1E6	126.7E6	44.084	45.153
16)	A 4,4'-DDD	6.138	6.771	447.9E6	120.7E6	46.267	49.540
17)	MA 4,4'-DDT	6.378	7.067	439.6E6	112.8E6	44.926	45.855
18)	B Endrin al...	6.453	6.979	393.7E6	110.3E6	44.003	47.609
19)	B Endosulfa...	6.667	7.201	431.8E6	121.4E6	43.234	48.408
20)	A Methoxychlor	6.924	7.527	208.9E6	59421128	41.906	47.563
21)	B Endrin ke...	7.157	7.669	483.3E6	128.4E6	42.795	46.839
22)	Mirex	7.345	8.119	343.4E6	90618696	42.383	47.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
Data File : PL057051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2020 19:20
Operator : AJ\MA
Sample : L1771-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

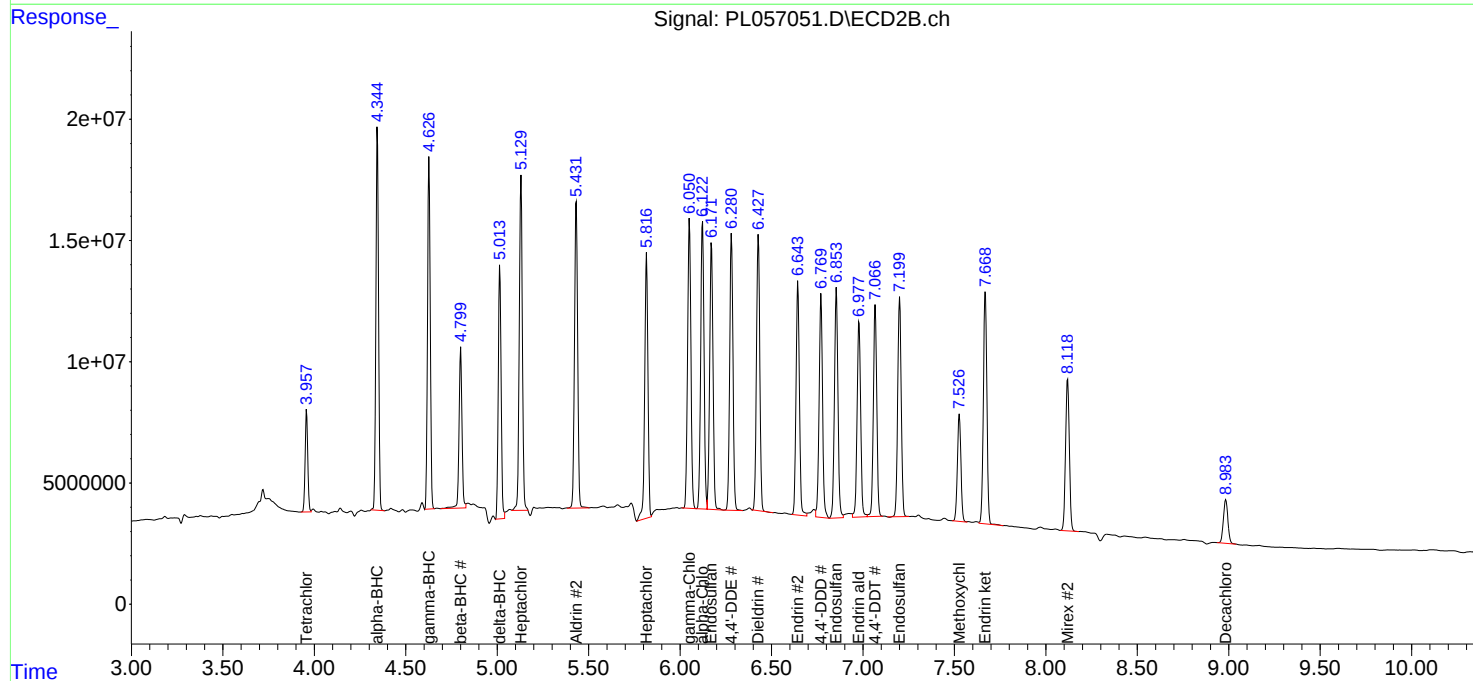
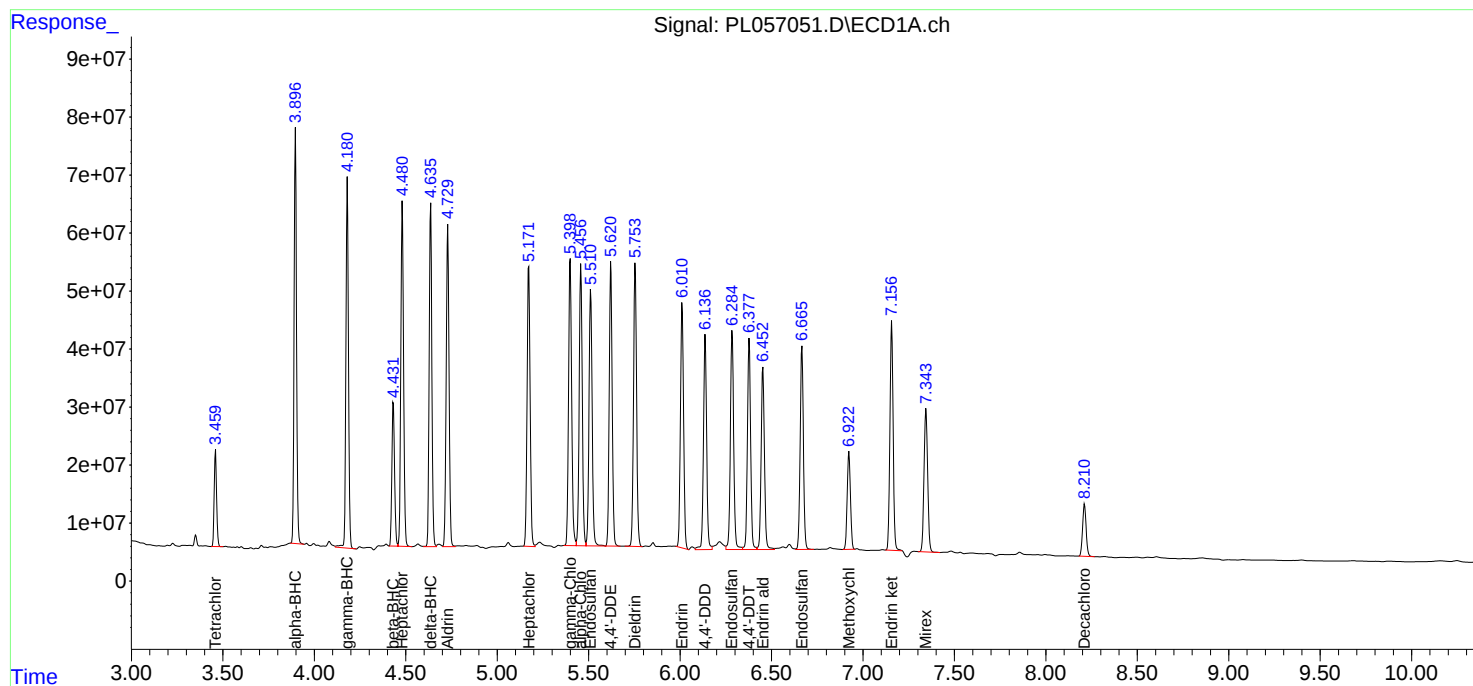
Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

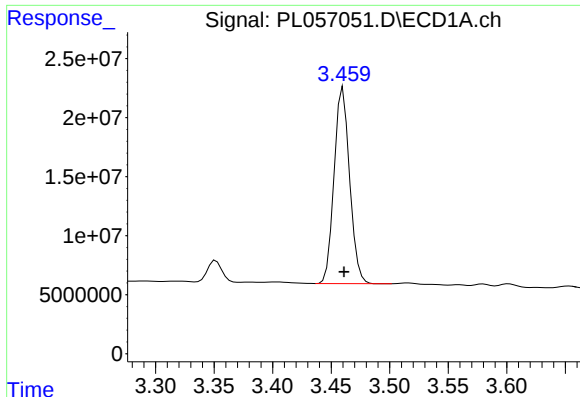
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 02:50:13 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 2020
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Volume 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





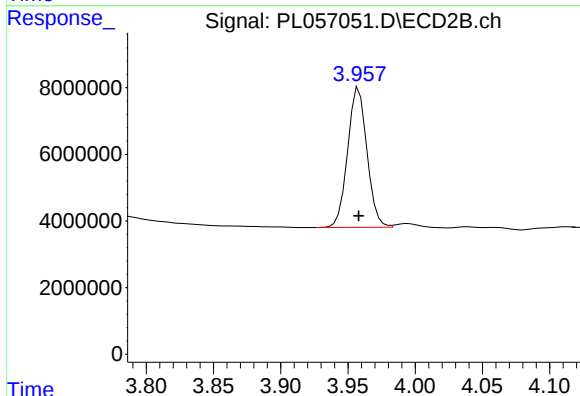
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 153227199
Conc: 17.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

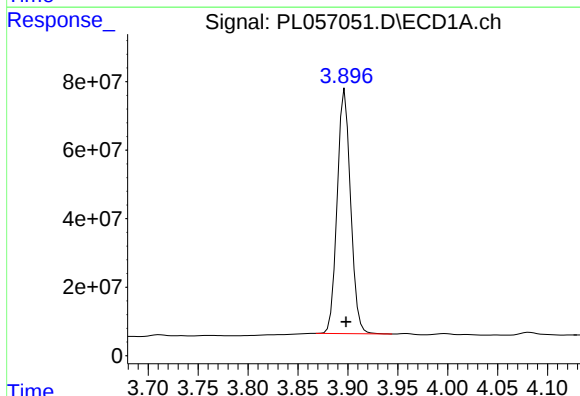
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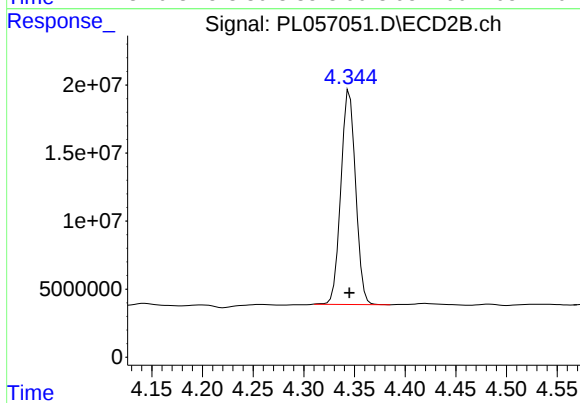
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 41987075
Conc: 19.68 ng/ml



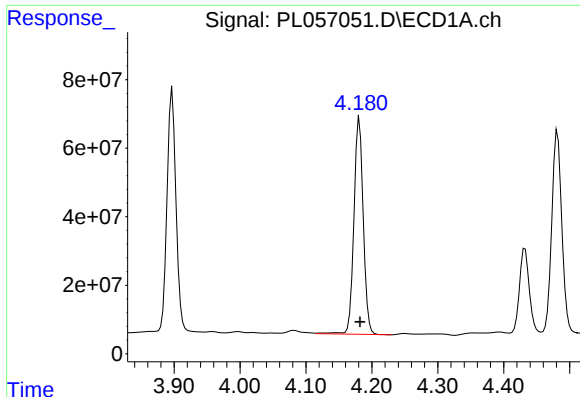
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 665499994
Conc: 44.91 ng/ml



#2 alpha-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 158978943
Conc: 50.33 ng/ml



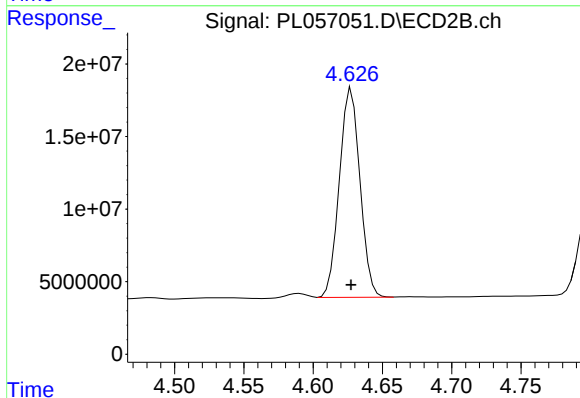
#3 gamma-BHC (Lindane)

R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 625549707
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

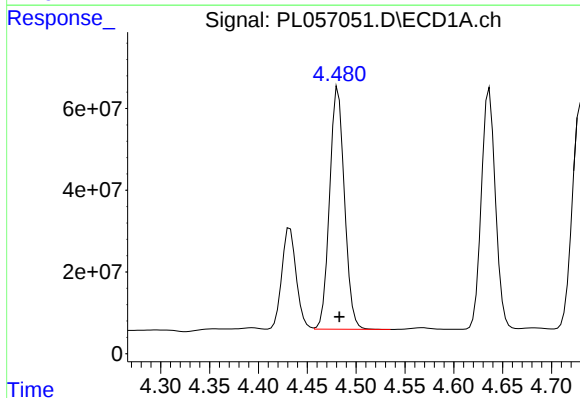
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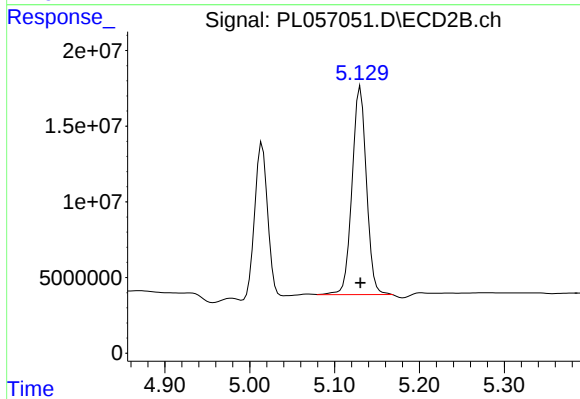
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 149347786
Conc: 48.04 ng/ml m



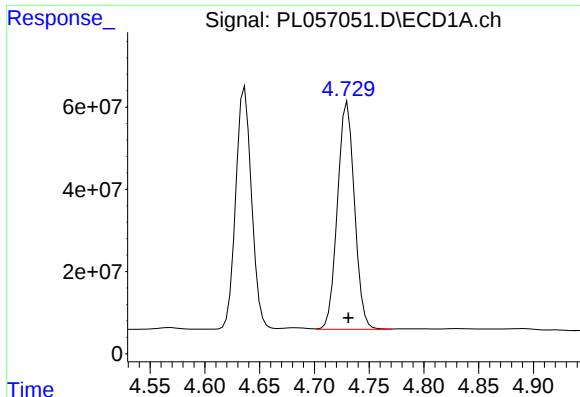
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: -0.002 min
Response: 627599592
Conc: 46.20 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 161838051
Conc: 52.00 ng/ml m



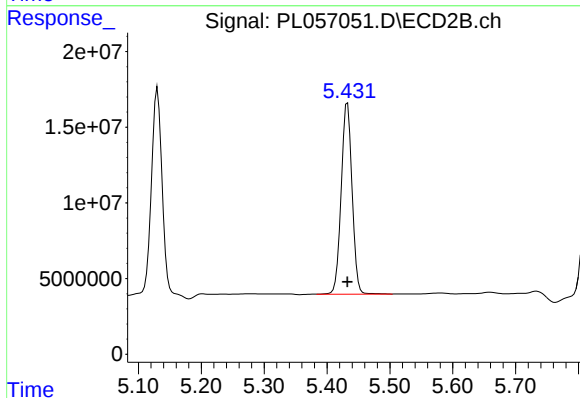
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 599047058
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

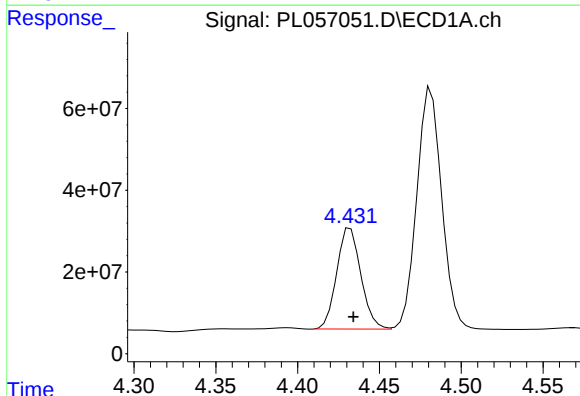
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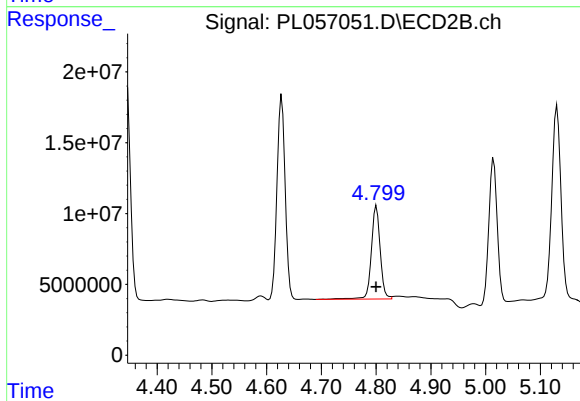
#5 Aldrin

R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 152418340
Conc: 50.99 ng/ml m



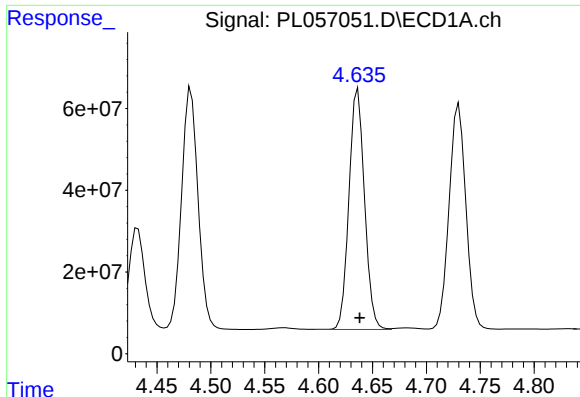
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 253370577
Conc: 47.83 ng/ml



#6 beta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 74149822
Conc: 52.61 ng/ml



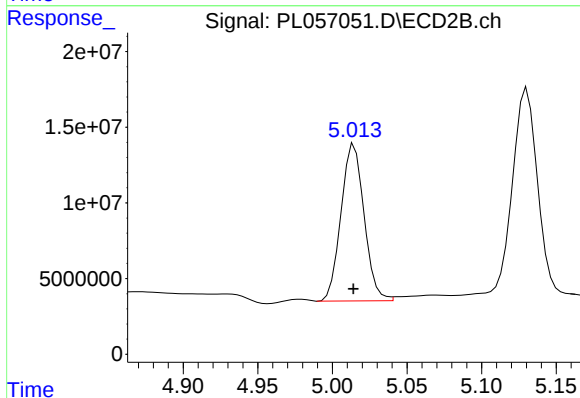
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 593013015
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

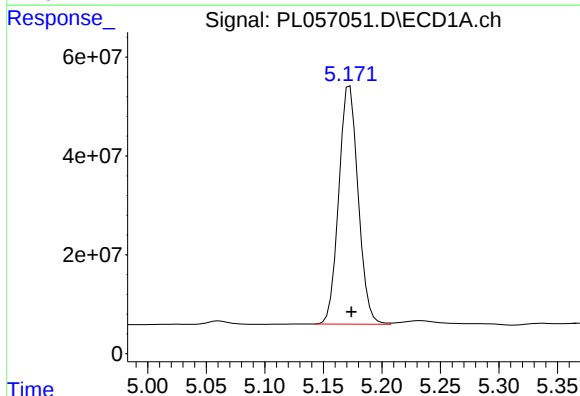
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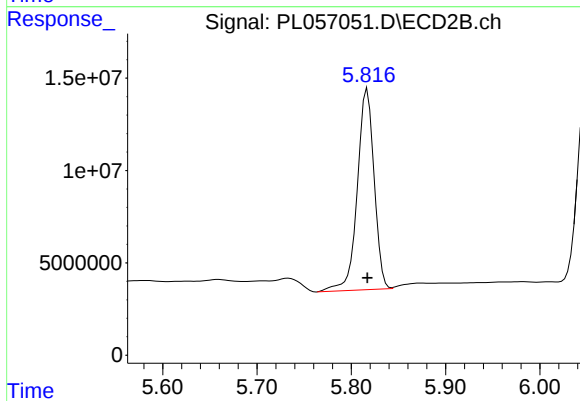
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 112510493
Conc: 46.21 ng/ml m



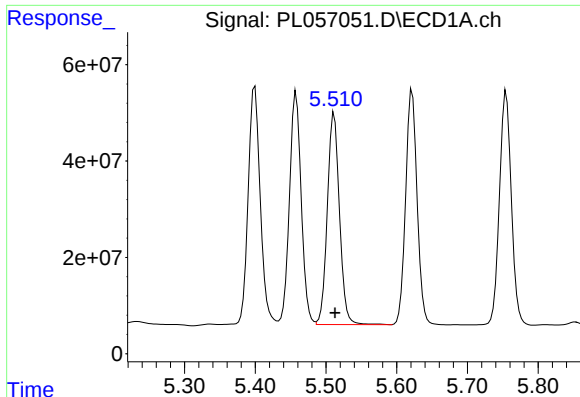
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 554663493
Conc: 45.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 134882715
Conc: 48.68 ng/ml



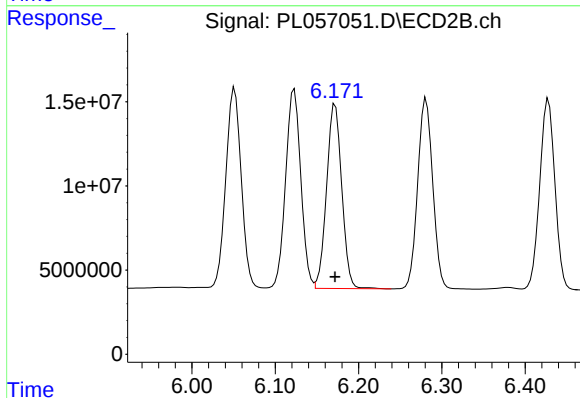
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 524888407
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

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#9 Endosulfan I

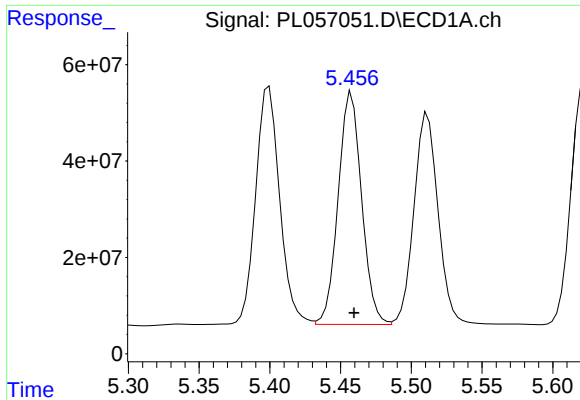
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 139024189
Conc: 49.77 ng/ml

#10 gamma-Chlordane

R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 583137002
Conc: 46.95 ng/ml

#10 gamma-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 151533300
Conc: 50.62 ng/ml



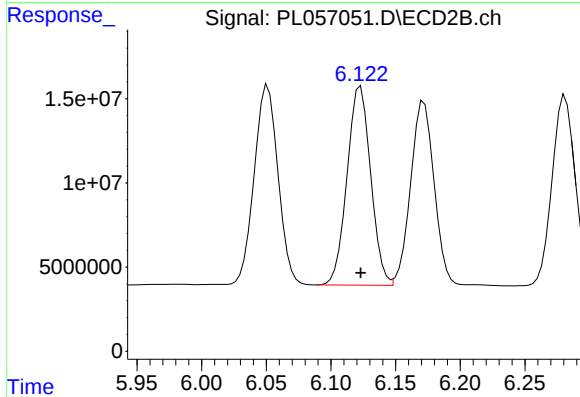
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 557632531
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

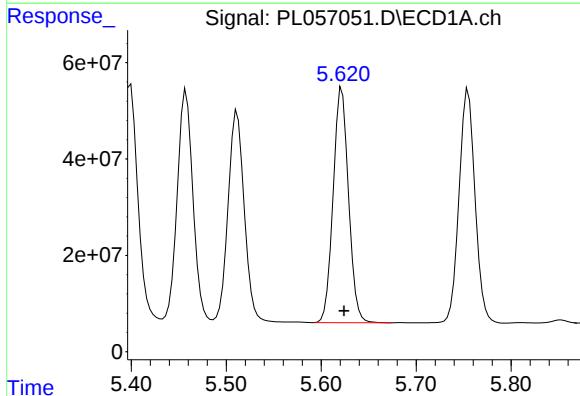
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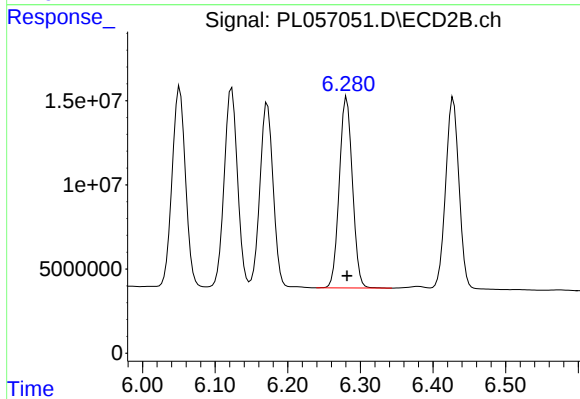
#11 alpha-Chlordane

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 149925893
Conc: 49.74 ng/ml



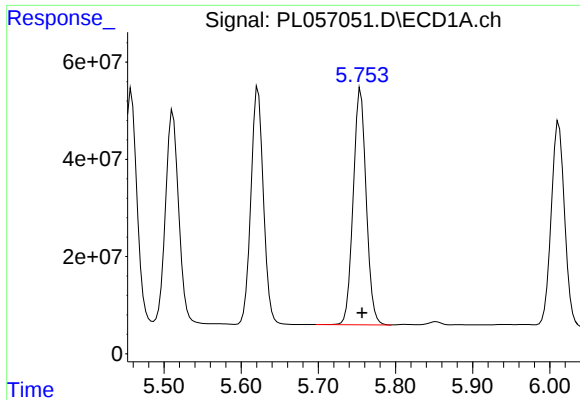
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 549735565
Conc: 46.91 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 142602061
Conc: 50.25 ng/ml



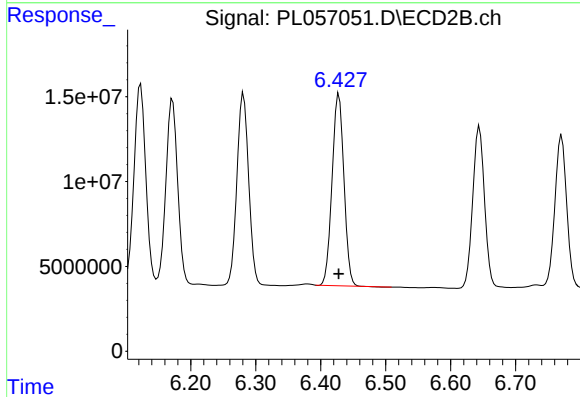
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 568042996
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

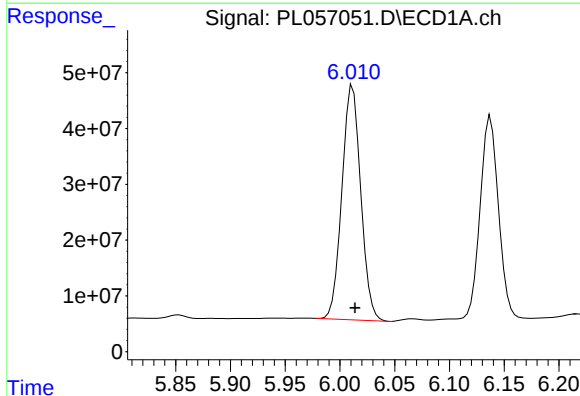
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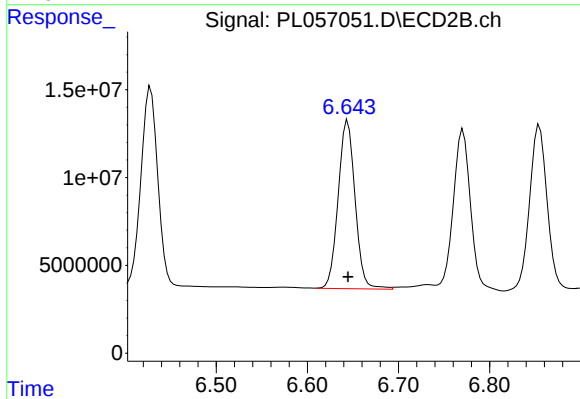
#13 Dieldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 142975934
Conc: 48.58 ng/ml



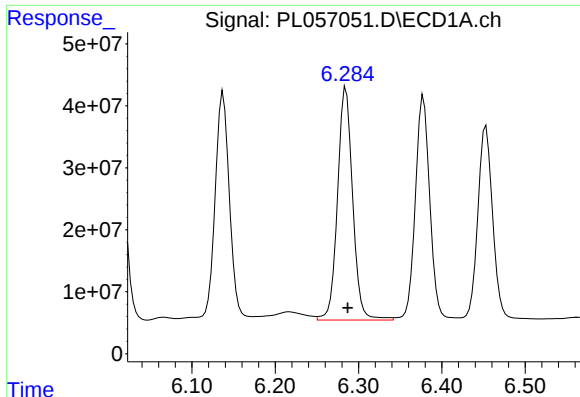
#14 Endrin

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 503275563
Conc: 46.26 ng/ml



#14 Endrin

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 123531969
Conc: 47.90 ng/ml



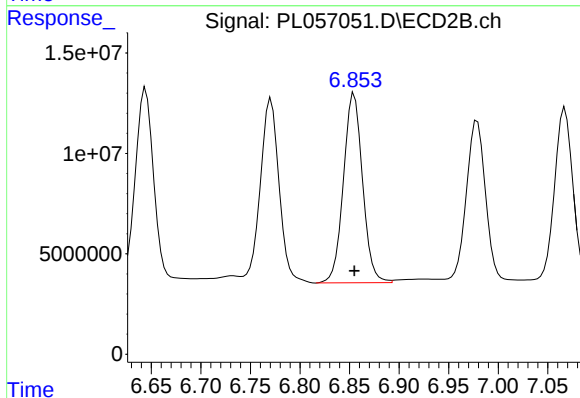
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 476090446
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

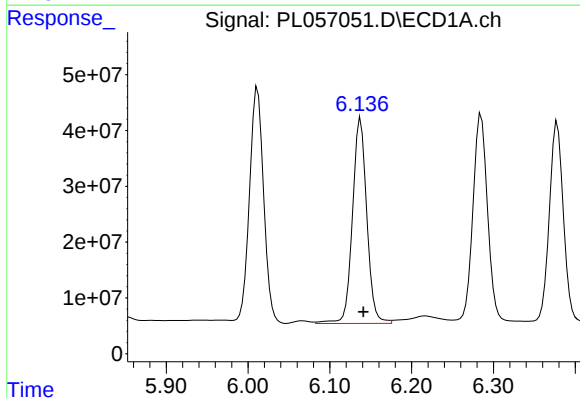
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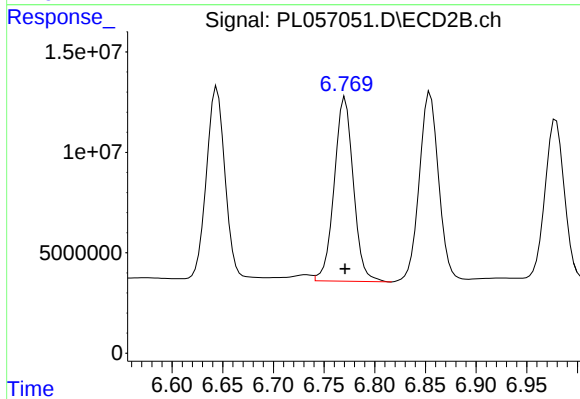
#15 Endosulfan II

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 126702404
Conc: 45.15 ng/ml



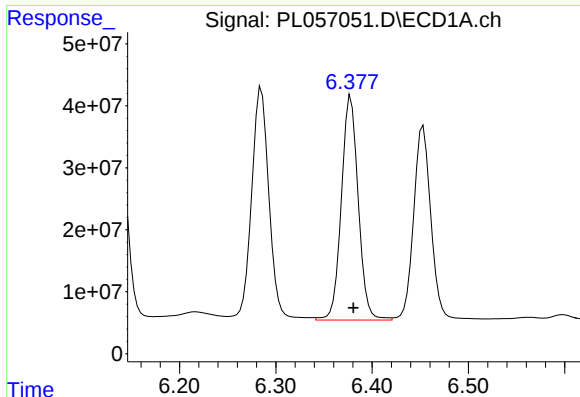
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 447897957
Conc: 46.27 ng/ml



#16 4,4'-DDD

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 120679968
Conc: 49.54 ng/ml



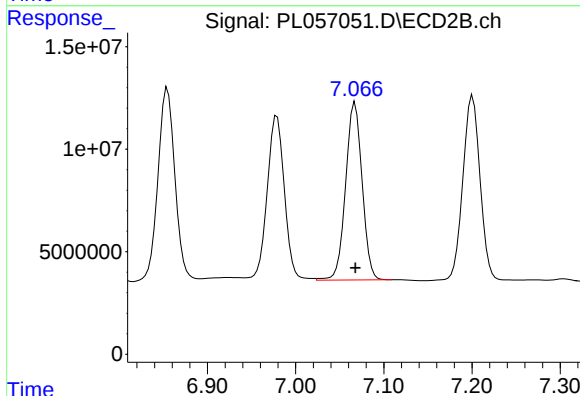
#17 4,4'-DDT

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 439608360
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

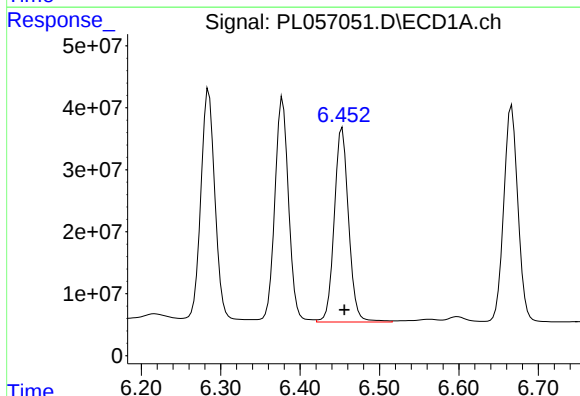
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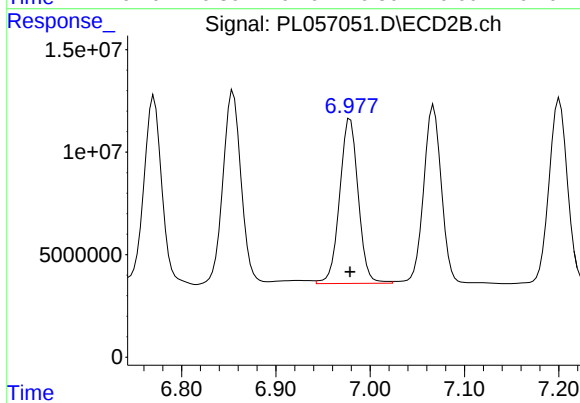
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 112801758
Conc: 45.86 ng/ml



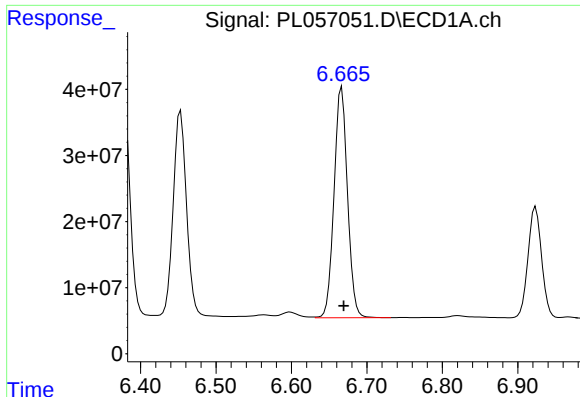
#18 Endrin aldehyde

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 393662236
Conc: 44.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 110323835
Conc: 47.61 ng/ml



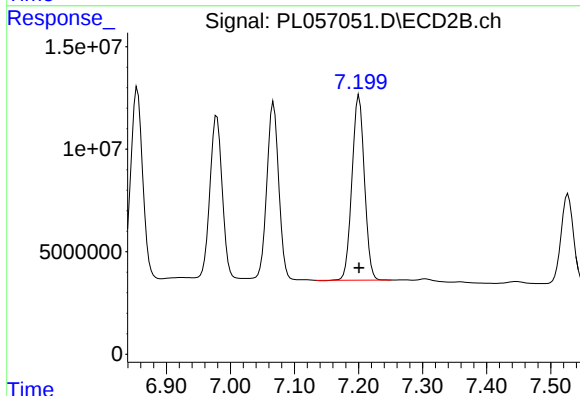
#19 Endosulfan Sulfate

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 431785209
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

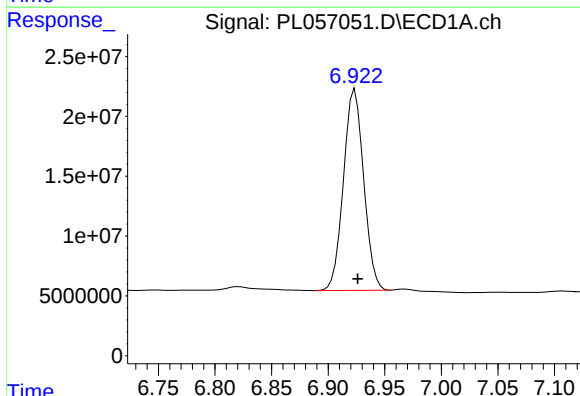
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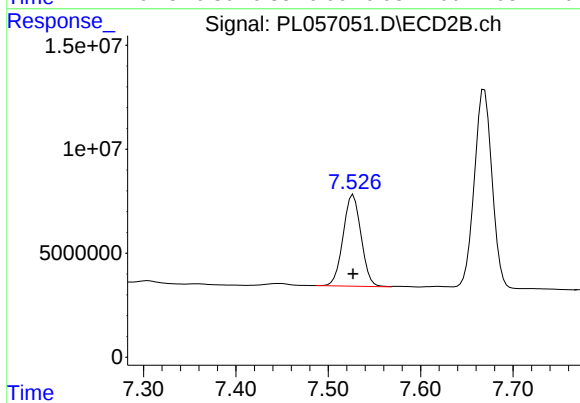
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 121402038
Conc: 48.41 ng/ml



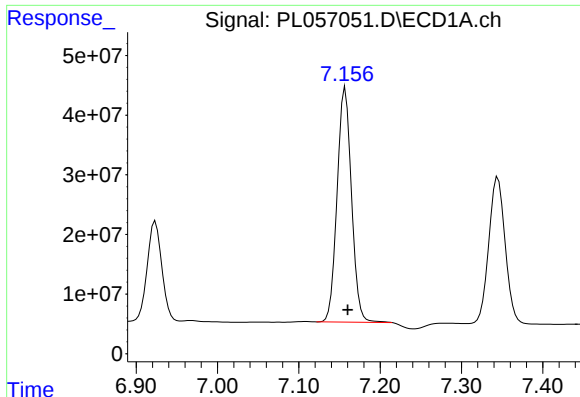
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 208947973
Conc: 41.91 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 59421128
Conc: 47.56 ng/ml



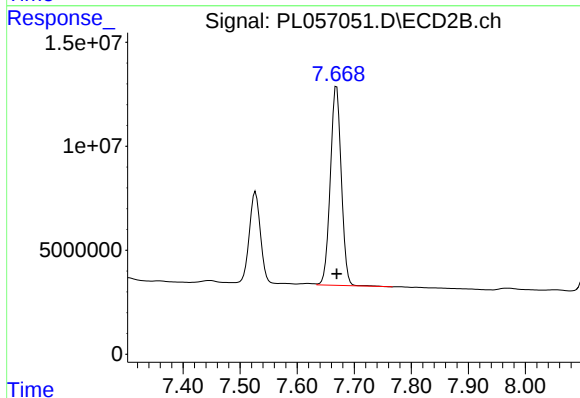
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 483267502
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

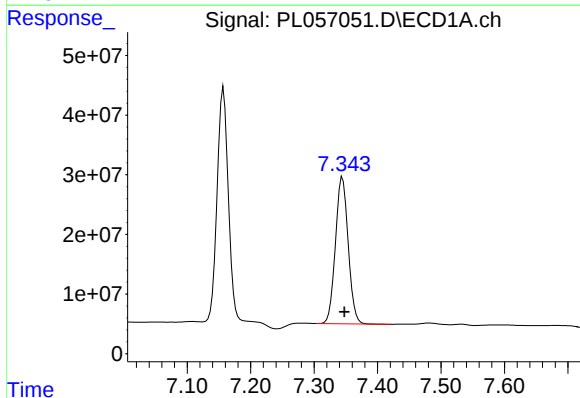
Manual Integrations
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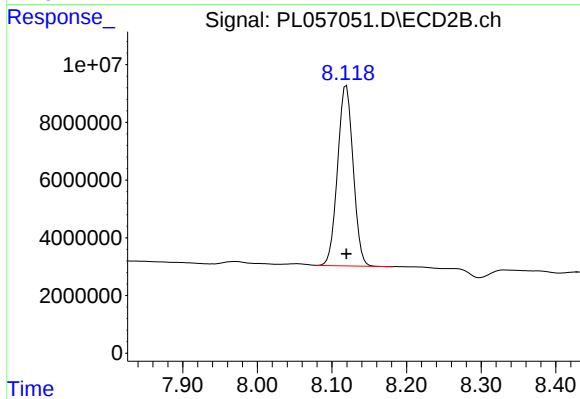
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 128359896
Conc: 46.84 ng/ml



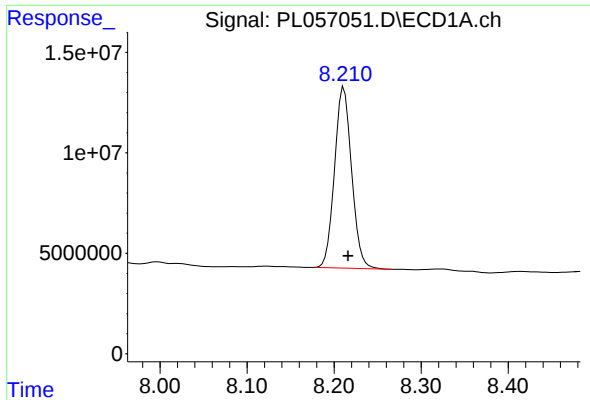
#22 Mirex

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 343444481
Conc: 42.38 ng/ml



#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 90618696
Conc: 47.27 ng/ml



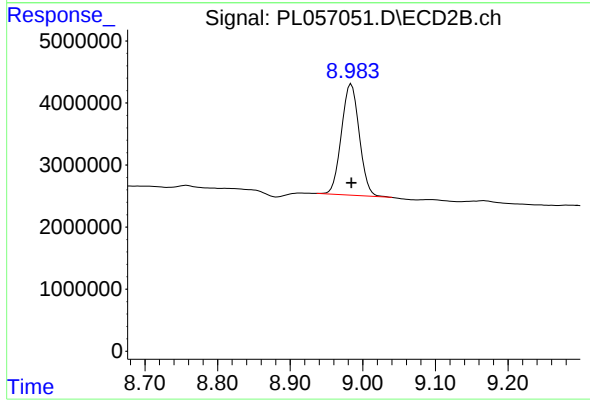
#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 122696734
Conc: 12.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PIER-122-CORE-2-3-2-20MS

Manual Integrations
APPROVED

mohammad
3/6/2020 11:23:02 AM



#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 30592815
Conc: 14.40 ng/ml