

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032321\
 Data File : PL065508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2021 17:36
 Operator : AR\AJ
 Sample : M1749-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FS-SB-15-21-22MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:15:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 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...	3.285	3.785	45491437	56573928	19.156	20.612
2)	SA Decachlor...	7.924	8.733	35919079	29678268	14.867	14.973
Target Compounds							
2)	A alpha-BHC	3.709	4.170	175.7E6	165.4E6	46.990	40.700
3)	MA gamma-BHC...	3.981	4.449	165.3E6	154.2E6	48.341m	42.224
4)	MA Heptachlor	4.269	4.935	160.8E6	151.5E6	49.148	45.431
5)	MB Aldrin	4.504	5.231	155.3E6	141.4E6	49.001m	43.161
6)	B beta-BHC	4.233	4.631	72456755	77275631	51.238	44.857
7)	B delta-BHC	4.425	4.838	60855759	54308535	18.297m	18.173
8)	B Heptachlo...	4.938	5.618	143.6E6	125.3E6	48.565	43.354
9)	A Endosulfan I	5.265	5.967	133.3E6	116.2E6	48.887	44.126
10)	B gamma-Chl...	5.159	5.848	145.3E6	125.6E6	49.194	45.007
11)	B alpha-Chl...	5.215	5.918	141.8E6	123.6E6	48.719	44.534
12)	B 4,4'-DDE	5.380	6.082	132.6E6	112.7E6	50.392m	45.245
13)	MA Dieldrin	5.501	6.223	139.6E6	119.7E6	49.871m	43.994
14)	MA Endrin	5.750	6.438	124.3E6	105.2E6	49.790m	47.615
15)	B Endosulfa...	6.024	6.655	116.0E6	103.9E6	47.332	46.019
16)	A 4,4'-DDD	5.887	6.573	100.7E6	94491122	45.561	42.960
17)	MA 4,4'-DDT	6.119	6.865	96897274	87219398	51.194m	44.437
18)	B Endrin al...	6.190	6.780	92761505	85323068	48.306	48.704
19)	B Endosulfa...	6.401	7.000	103.3E6	89864363	41.809	40.964
20)	A Methoxychlor	6.664	7.330	56997294	50822361	49.714m	48.664
21)	B Endrin ke...	6.879	7.467	123.8E6	112.5E6	46.046	47.688
22)	Mirex	7.050	7.902	98308032	85092505	48.278m	51.123

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032321\
Data File : PL065508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2021 17:36
Operator : AR\AJ
Sample : M1749-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

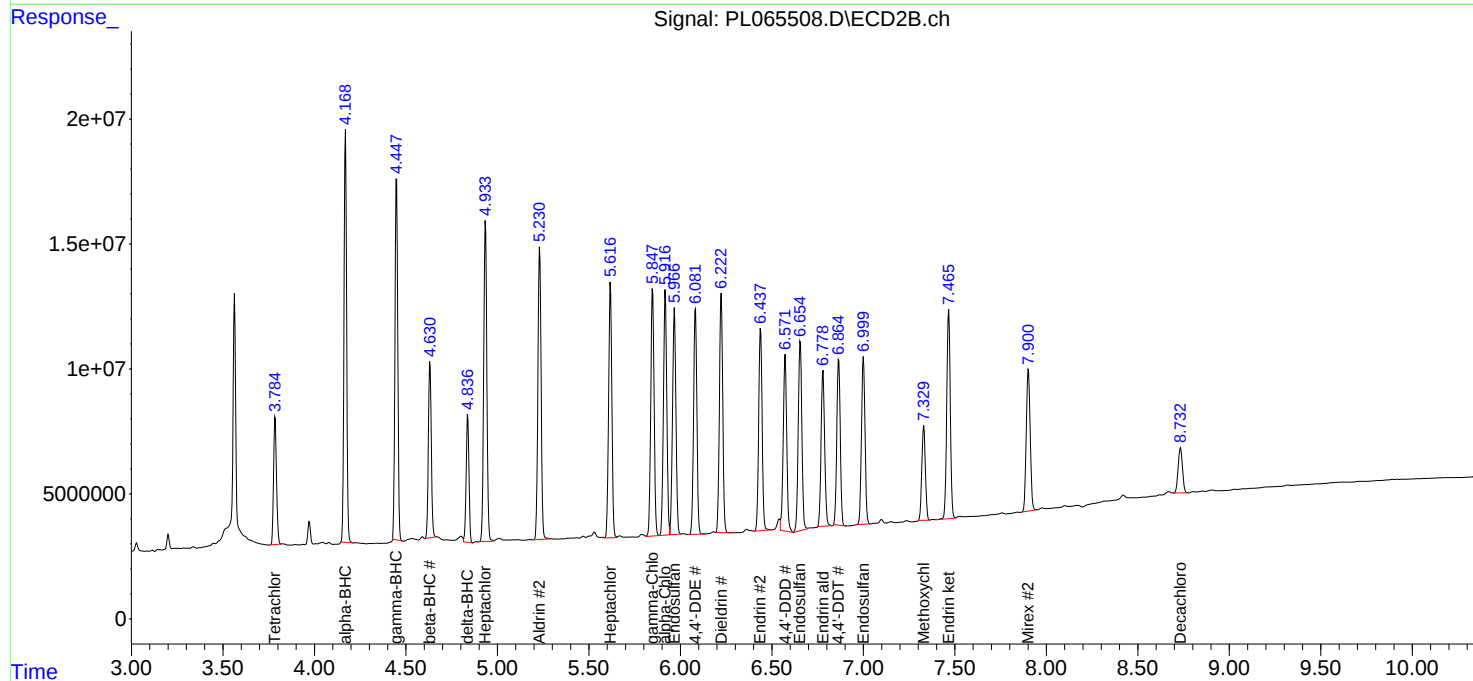
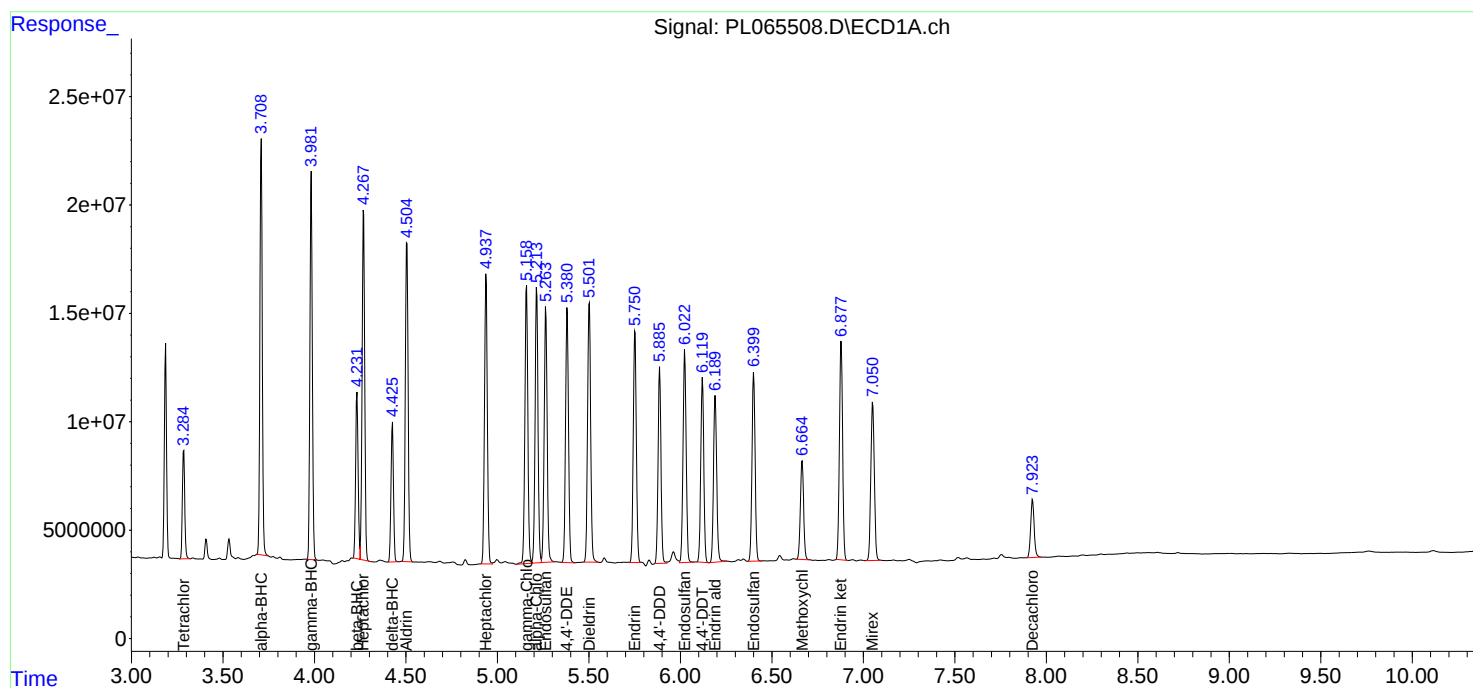
Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

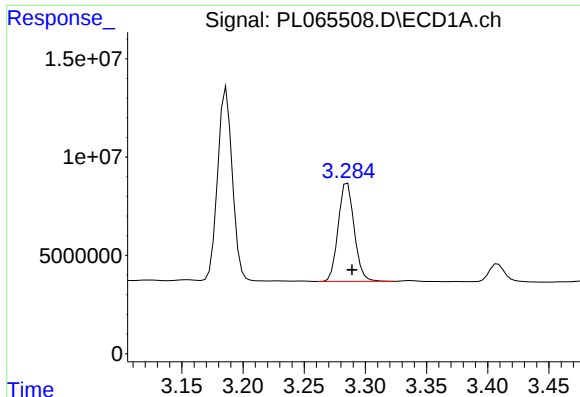
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 04:15:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 2021
Response 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





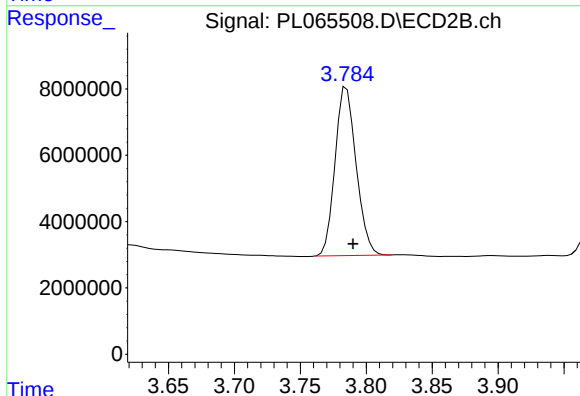
#1 Tetrachloro-m-xylene

R.T.: 3.285 min
Delta R.T.: -0.004 min
Response: 45491437
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

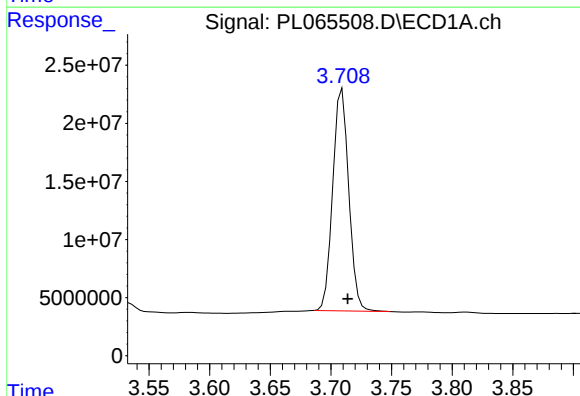
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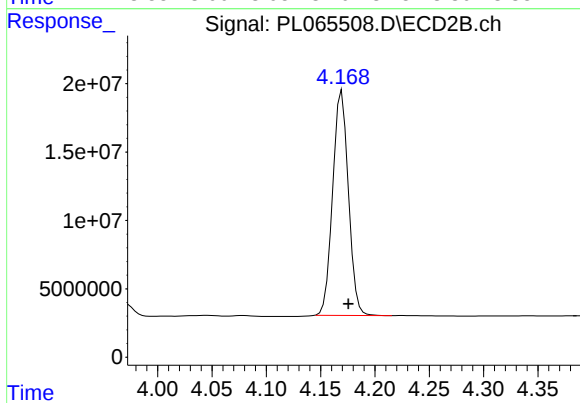
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 56573928
Conc: 20.61 ng/ml



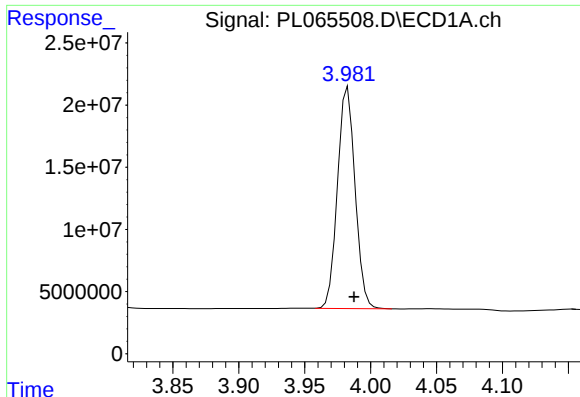
#2 alpha-BHC

R.T.: 3.709 min
Delta R.T.: -0.004 min
Response: 175682458
Conc: 46.99 ng/ml



#2 alpha-BHC

R.T.: 4.170 min
Delta R.T.: -0.006 min
Response: 165397416
Conc: 40.70 ng/ml



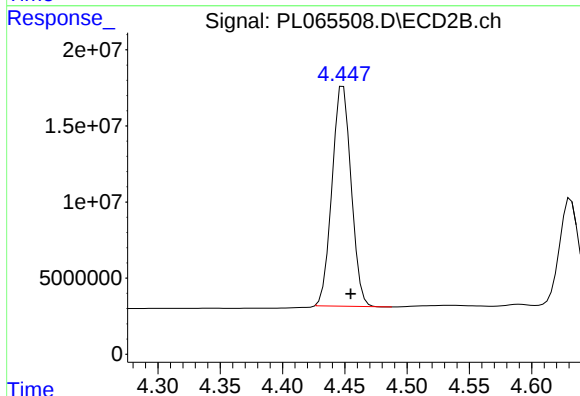
#3 gamma-BHC (Lindane)

R.T.: 3.981 min
Delta R.T.: -0.006 min
Response: 165334247
Conc: 48.34 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

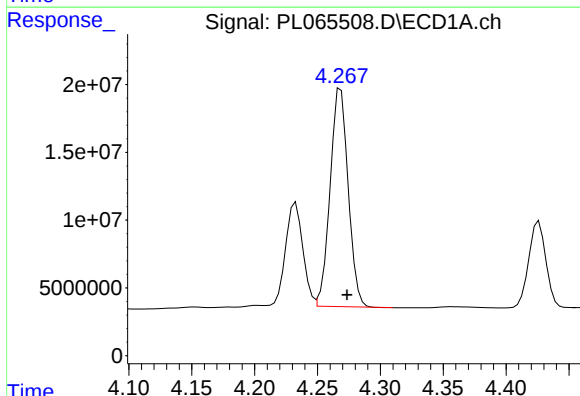
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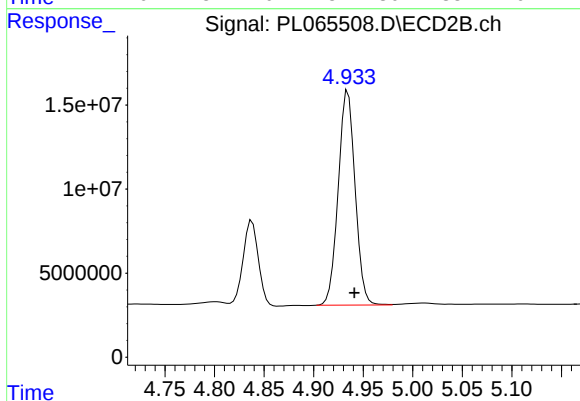
#3 gamma-BHC (Lindane)

R.T.: 4.449 min
Delta R.T.: -0.006 min
Response: 154180791
Conc: 42.22 ng/ml



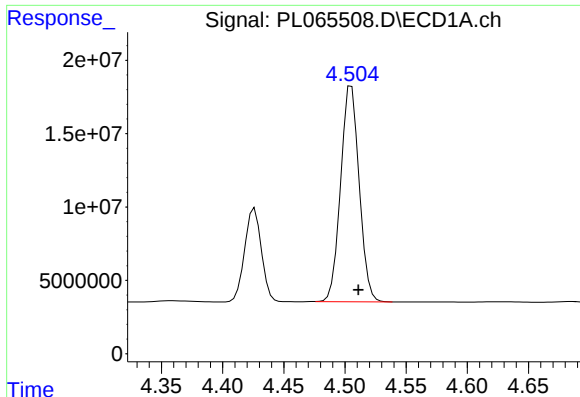
#4 Heptachlor

R.T.: 4.269 min
Delta R.T.: -0.005 min
Response: 160849137
Conc: 49.15 ng/ml



#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 151498402
Conc: 45.43 ng/ml



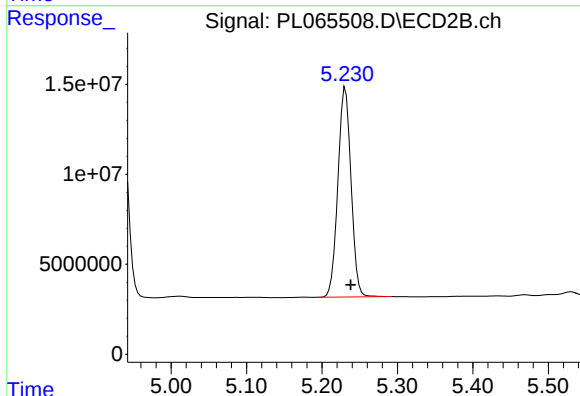
#5 Aldrin

R.T.: 4.504 min
Delta R.T.: -0.007 min
Response: 155268909
Conc: 49.00 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

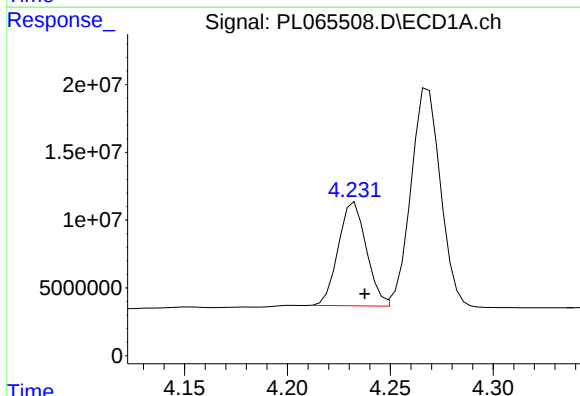
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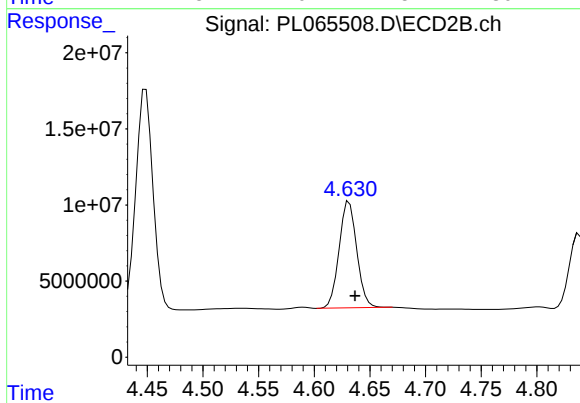
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.007 min
Response: 141357169
Conc: 43.16 ng/ml



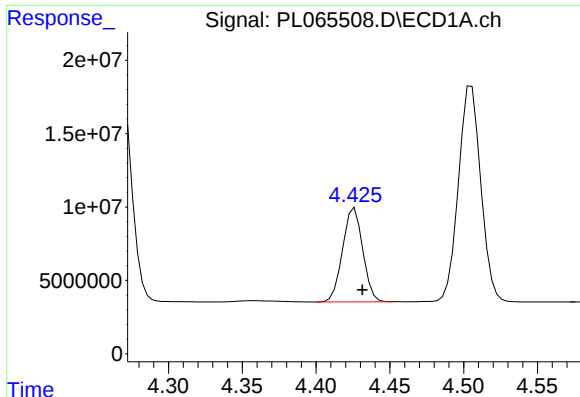
#6 beta-BHC

R.T.: 4.233 min
Delta R.T.: -0.005 min
Response: 72456755
Conc: 51.24 ng/ml



#6 beta-BHC

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 77275631
Conc: 44.86 ng/ml



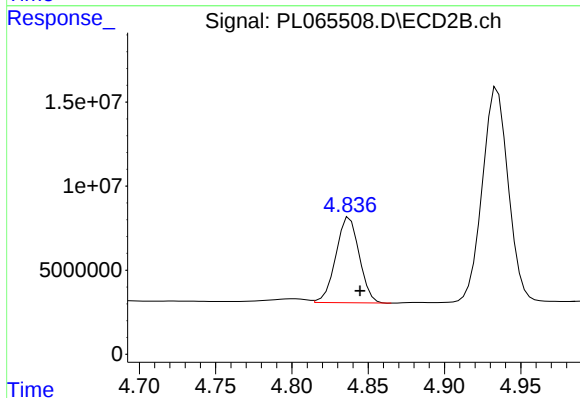
#7 delta-BHC

R.T.: 4.425 min
Delta R.T.: -0.007 min
Response: 60855759
Conc: 18.30 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

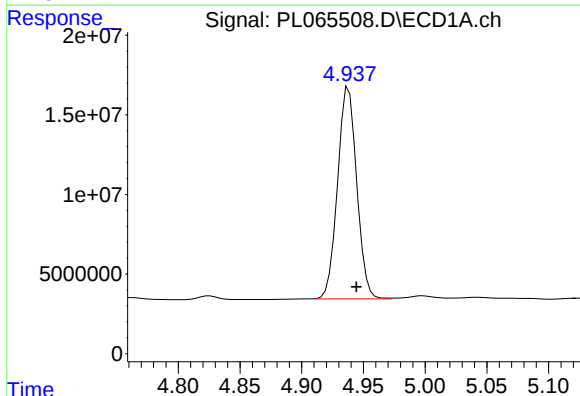
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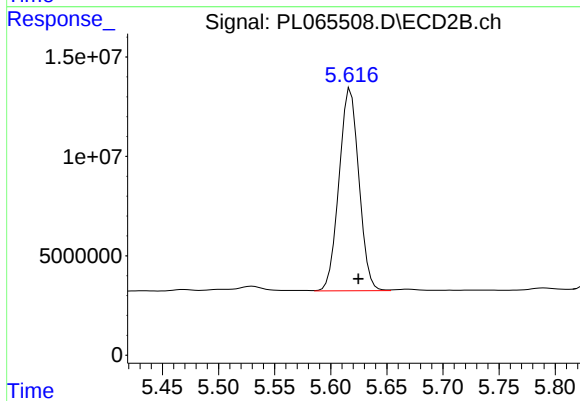
#7 delta-BHC

R.T.: 4.838 min
Delta R.T.: -0.007 min
Response: 54308535
Conc: 18.17 ng/ml



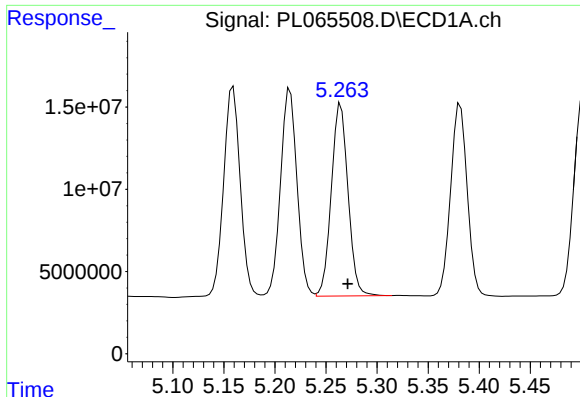
#8 Heptachlor epoxide

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 143615487
Conc: 48.57 ng/ml



#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.007 min
Response: 125325312
Conc: 43.35 ng/ml



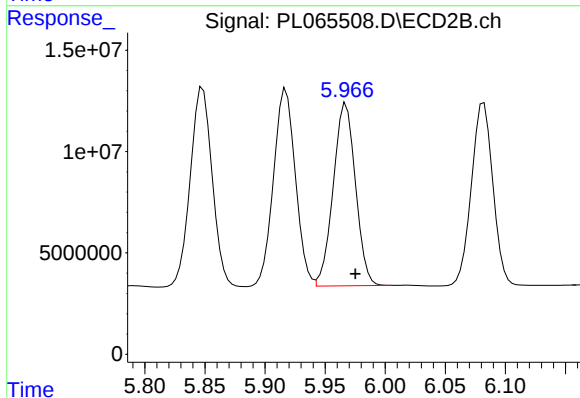
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 133257189
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

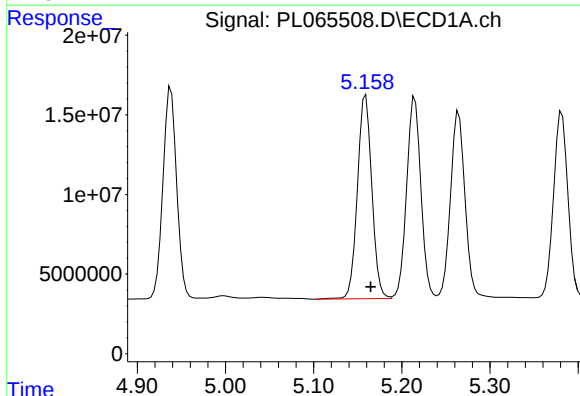
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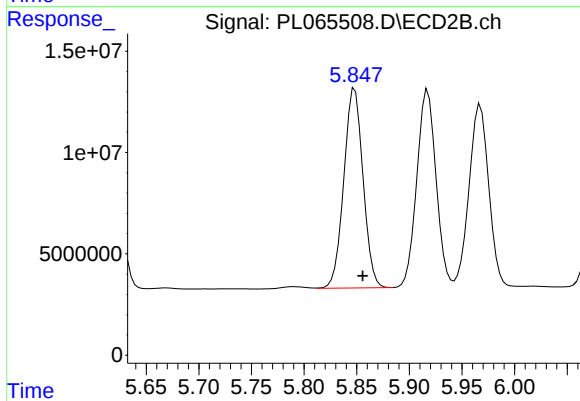
#9 Endosulfan I

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 116172050
Conc: 44.13 ng/ml



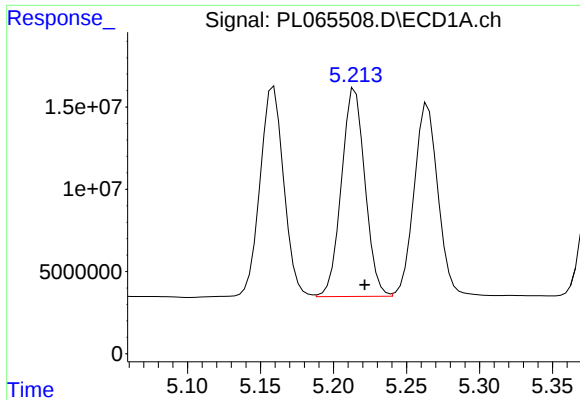
#10 gamma-Chlordane

R.T.: 5.159 min
Delta R.T.: -0.006 min
Response: 145253366
Conc: 49.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.848 min
Delta R.T.: -0.007 min
Response: 125596886
Conc: 45.01 ng/ml



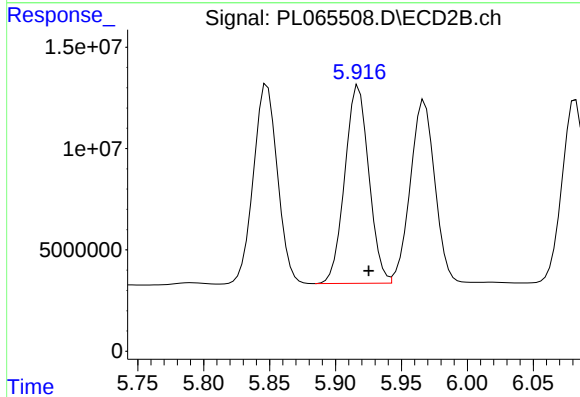
#11 alpha-Chlordane

R.T.: 5.215 min
Delta R.T.: -0.006 min
Response: 141778575
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

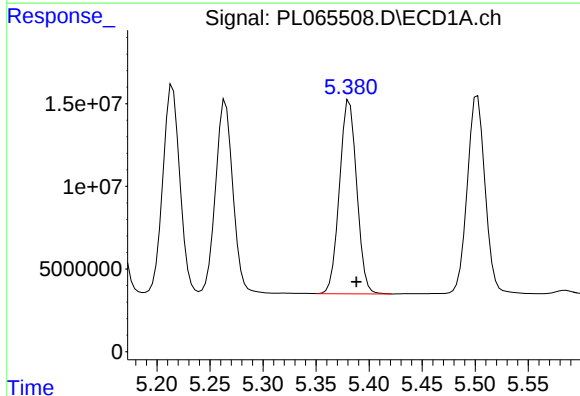
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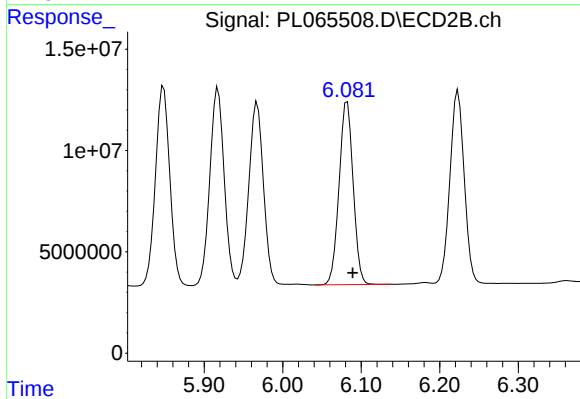
#11 alpha-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 123599215
Conc: 44.53 ng/ml



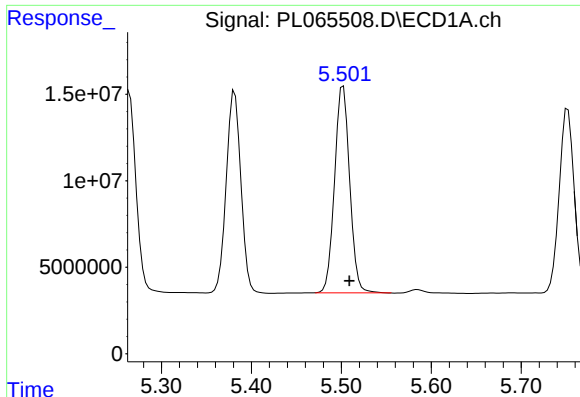
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 132609350
Conc: 50.39 ng/ml m



#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 112696031
Conc: 45.25 ng/ml



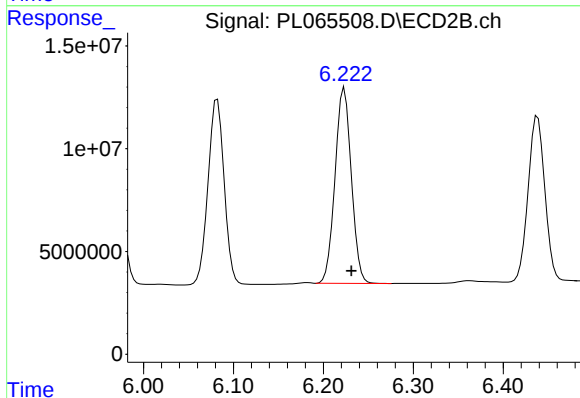
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 139602068
Conc: 49.87 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

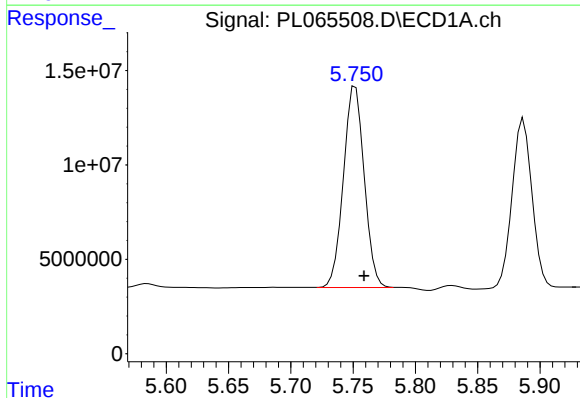
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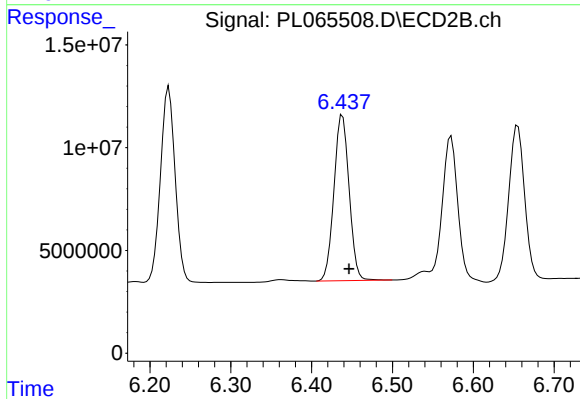
#13 Dieldrin

R.T.: 6.223 min
Delta R.T.: -0.008 min
Response: 119671370
Conc: 43.99 ng/ml



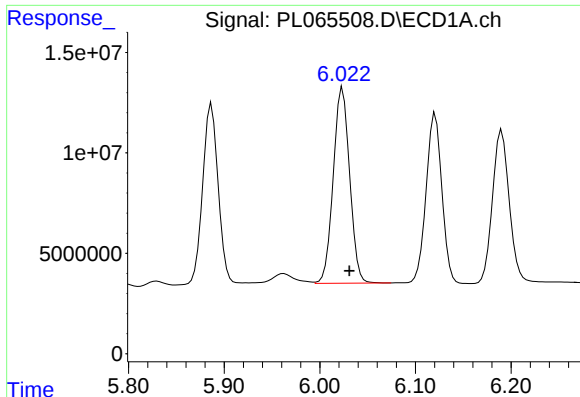
#14 Endrin

R.T.: 5.750 min
Delta R.T.: -0.008 min
Response: 124322283
Conc: 49.79 ng/ml m



#14 Endrin

R.T.: 6.438 min
Delta R.T.: -0.008 min
Response: 105174241
Conc: 47.62 ng/ml



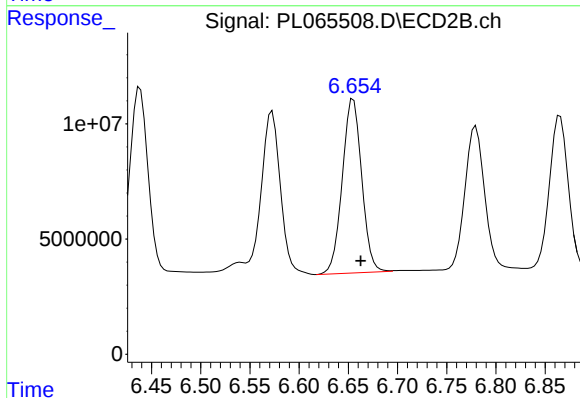
#15 Endosulfan II

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 115951300
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

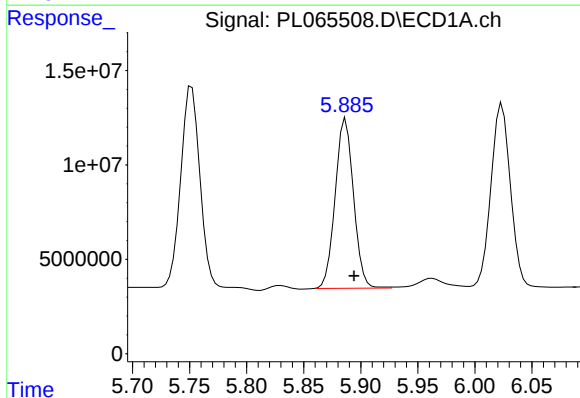
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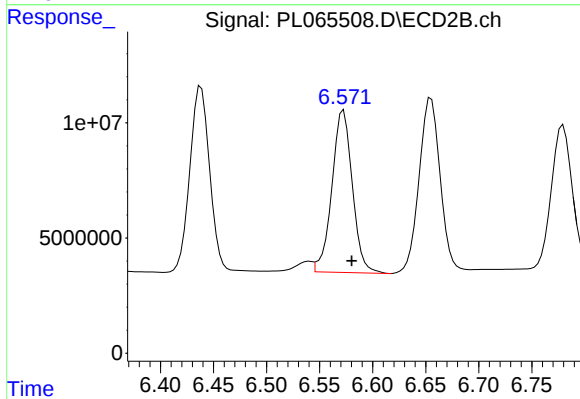
#15 Endosulfan II

R.T.: 6.655 min
Delta R.T.: -0.008 min
Response: 103880592
Conc: 46.02 ng/ml



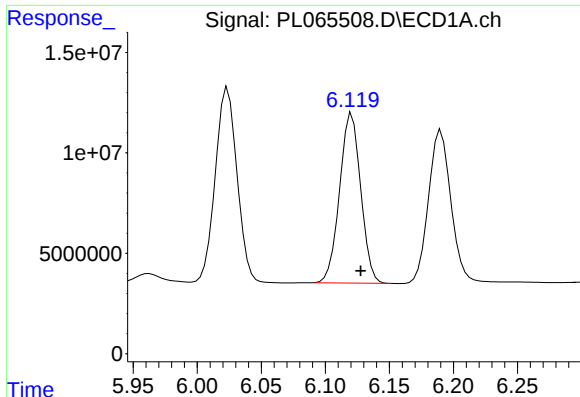
#16 4,4'-DDD

R.T.: 5.887 min
Delta R.T.: -0.007 min
Response: 100697170
Conc: 45.56 ng/ml



#16 4,4'-DDD

R.T.: 6.573 min
Delta R.T.: -0.008 min
Response: 94491122
Conc: 42.96 ng/ml



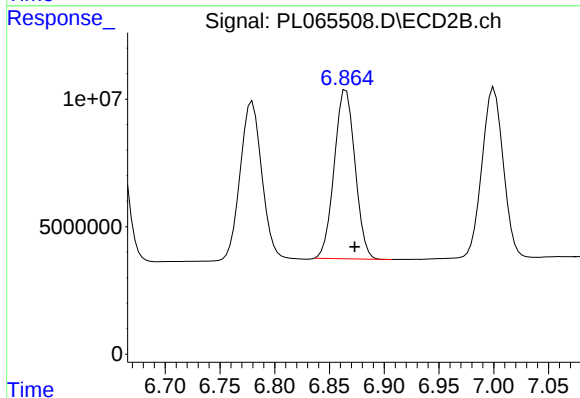
#17 4,4'-DDT

R.T.: 6.119 min
Delta R.T.: -0.008 min
Response: 96897274
Conc: 51.19 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

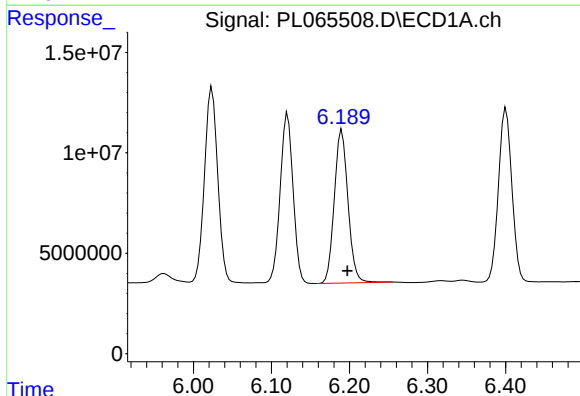
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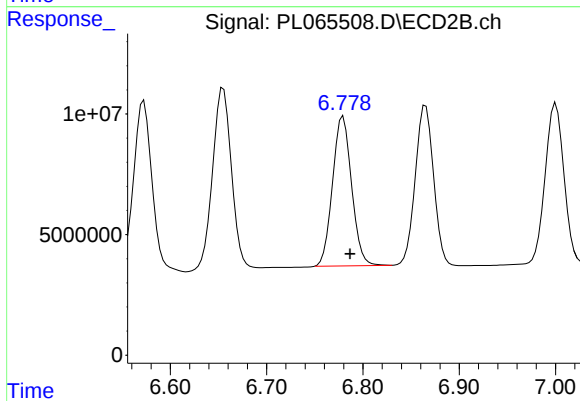
#17 4,4'-DDT

R.T.: 6.865 min
Delta R.T.: -0.008 min
Response: 87219398
Conc: 44.44 ng/ml



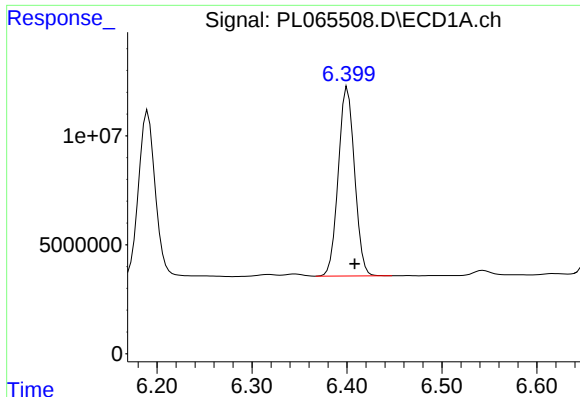
#18 Endrin aldehyde

R.T.: 6.190 min
Delta R.T.: -0.007 min
Response: 92761505
Conc: 48.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 85323068
Conc: 48.70 ng/ml



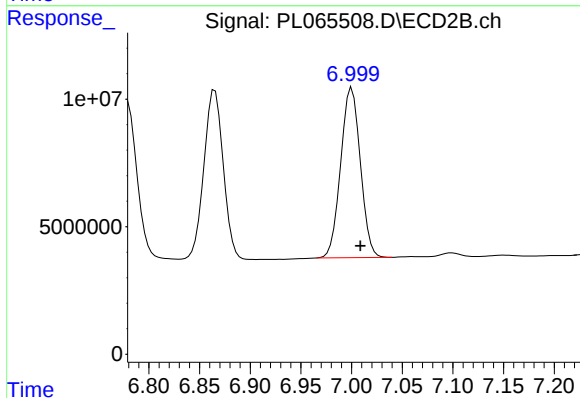
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.008 min
Response: 103332498
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

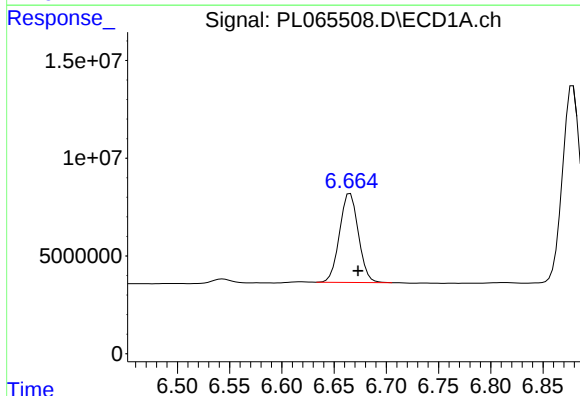
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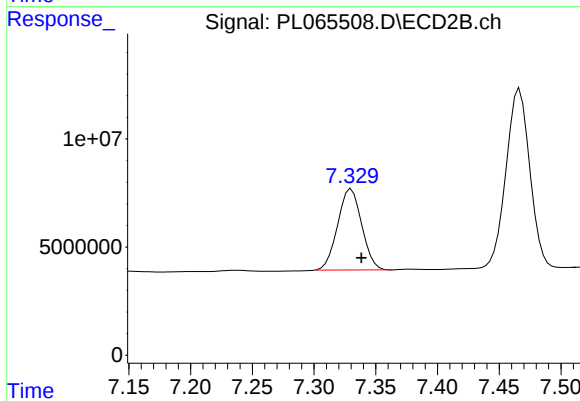
#19 Endosulfan Sulfate

R.T.: 7.000 min
Delta R.T.: -0.008 min
Response: 89864363
Conc: 40.96 ng/ml



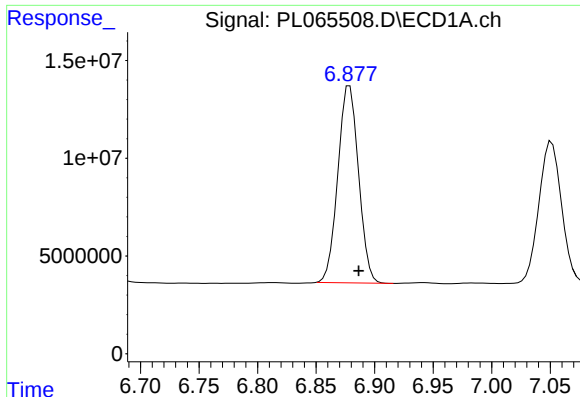
#20 Methoxychlor

R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 56997294
Conc: 49.71 ng/ml m



#20 Methoxychlor

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 50822361
Conc: 48.66 ng/ml



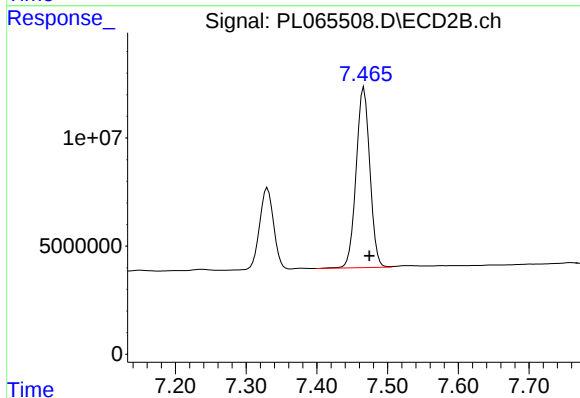
#21 Endrin ketone

R.T.: 6.879 min
Delta R.T.: -0.008 min
Response: 123770196
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

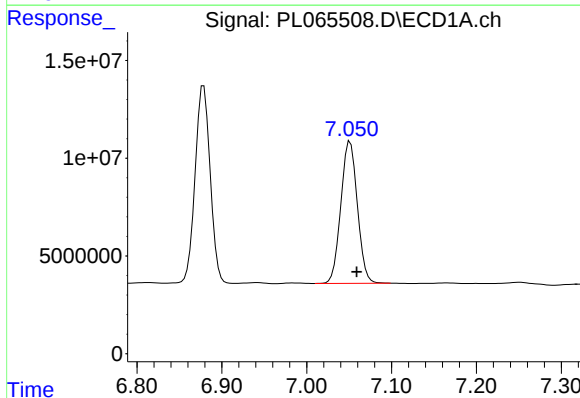
Manual Integrations
APPROVED

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3/24/2021 11:22:26 AM



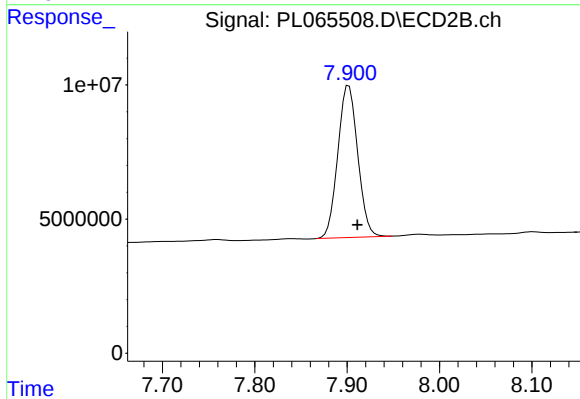
#21 Endrin ketone

R.T.: 7.467 min
Delta R.T.: -0.008 min
Response: 112510291
Conc: 47.69 ng/ml



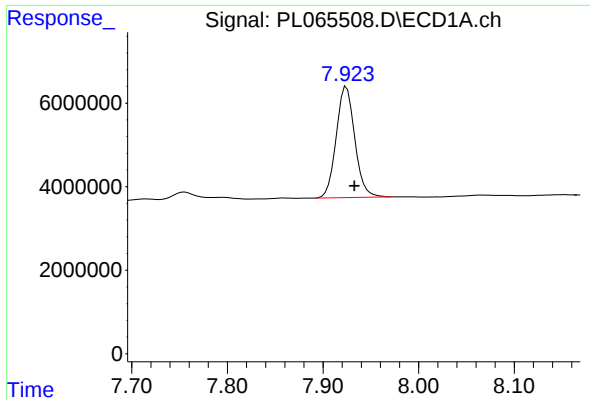
#22 Mirex

R.T.: 7.050 min
Delta R.T.: -0.009 min
Response: 98308032
Conc: 48.28 ng/ml m



#22 Mirex

R.T.: 7.902 min
Delta R.T.: -0.010 min
Response: 85092505
Conc: 51.12 ng/ml



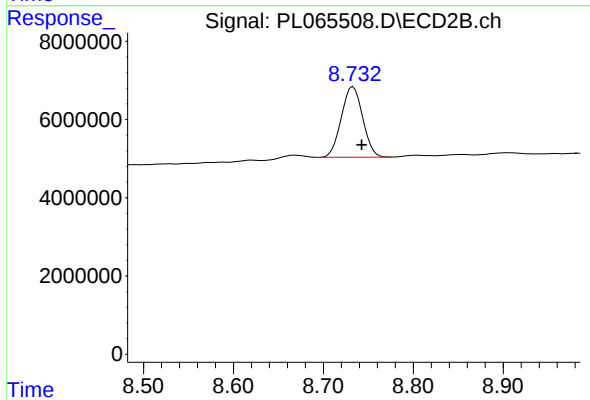
#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.008 min
Response: 35919079
Conc: 14.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
FS-SB-15-21-22MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.010 min
Response: 29678268
Conc: 14.97 ng/ml