

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
 Data File : PL056444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2020 16:20
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 PSTDCCC050

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 16:32:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 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...	3.496	4.016	489.3E6	144.1E6	46.716	49.270
28)	SA Decachlor...	8.250	9.091	424.7E6	97125350	40.342	42.939
Target Compounds							
2)	A alpha-BHC	3.935	4.405	850.8E6	225.9E6	47.745	51.617
3)	MA gamma-BHC...	4.219	4.690	792.3E6	207.2E6	48.385	50.531
4)	MA Heptachlor	4.520	5.198	808.5E6	189.2E6	50.361	52.893
5)	MB Aldrin	4.769	5.503	758.6E6	177.9E6	46.636	50.620
6)	B beta-BHC	4.468	4.862	302.0E6	80887426	45.847	49.338
7)	B delta-BHC	4.674	5.078	772.3E6	191.3E6	48.168	59.652m
8)	B Heptachlor...	5.211	5.890	693.2E6	159.3E6	45.067	51.195
9)	A Endosulfan I	5.551	6.248	636.4E6	146.4E6	43.852	48.908
10)	B gamma-Chl...	5.438	6.125	694.2E6	158.4E6	44.265	49.796
11)	B alpha-Chl...	5.496	6.197	667.8E6	155.8E6	43.414	49.160
12)	B 4,4'-DDE	5.659	6.355	693.7E6	150.3E6	47.864	50.180
13)	MA Dieldrin	5.794	6.505	673.9E6	153.6E6	43.816	49.478
14)	MA Endrin	6.051	6.724	603.4E6	129.4E6	42.938	49.395
15)	B Endosulfa...	6.324	6.934	532.8E6	128.6E6	40.736	47.785
16)	A 4,4'-DDD	6.176	6.847	508.8E6	121.0E6	47.337	51.301
17)	MA 4,4'-DDT	6.416	7.146	474.9E6	109.1E6	43.454	47.527
18)	B Endrin al...	6.492	7.059	444.1E6	106.7E6	40.589	46.999
19)	B Endosulfa...	6.705	7.282	504.8E6	120.0E6	41.524	47.415
20)	A Methoxychlor	6.960	7.606	242.5E6	55695336	45.644	45.425
21)	B Endrin ke...	7.197	7.754	531.7E6	123.8E6	40.636	46.411
22)	Mirex	7.386	8.208	333.2E6	73779011	36.062	40.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
Data File : PL056444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 16:20
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

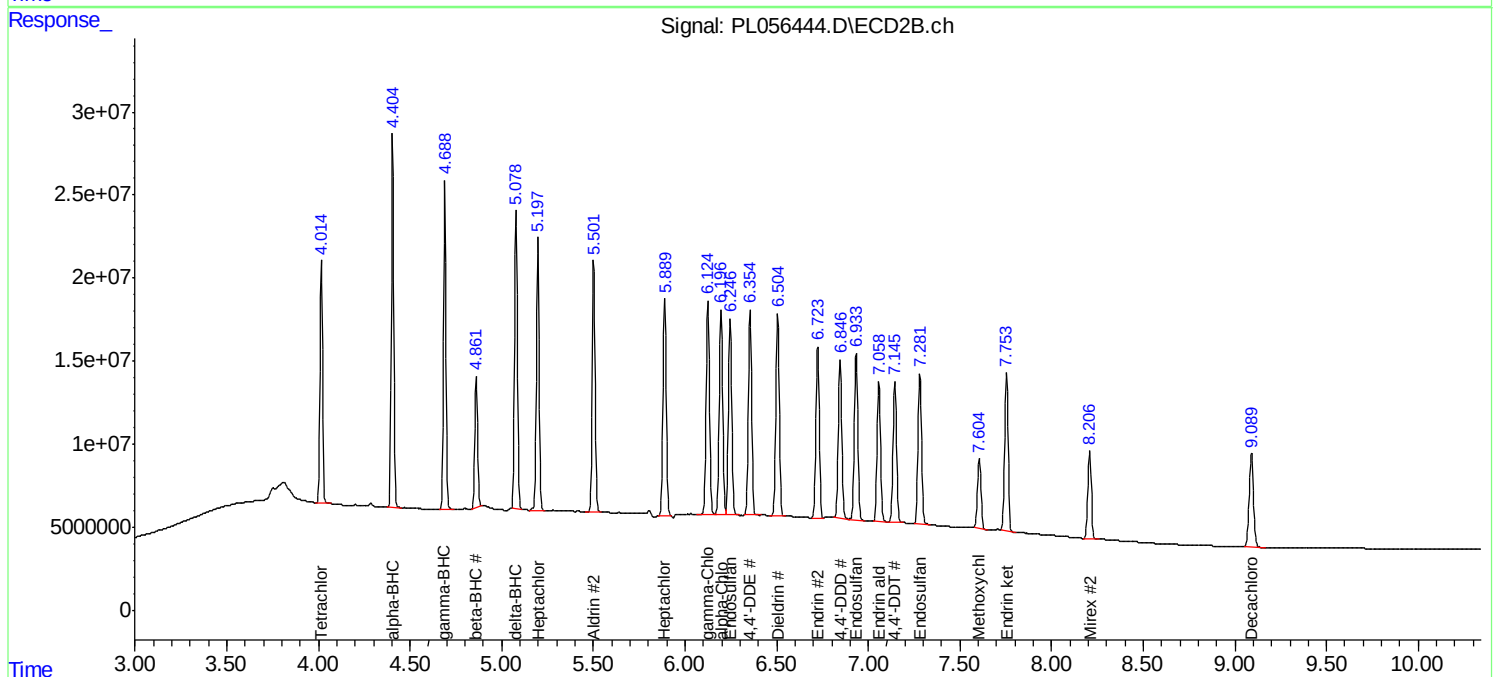
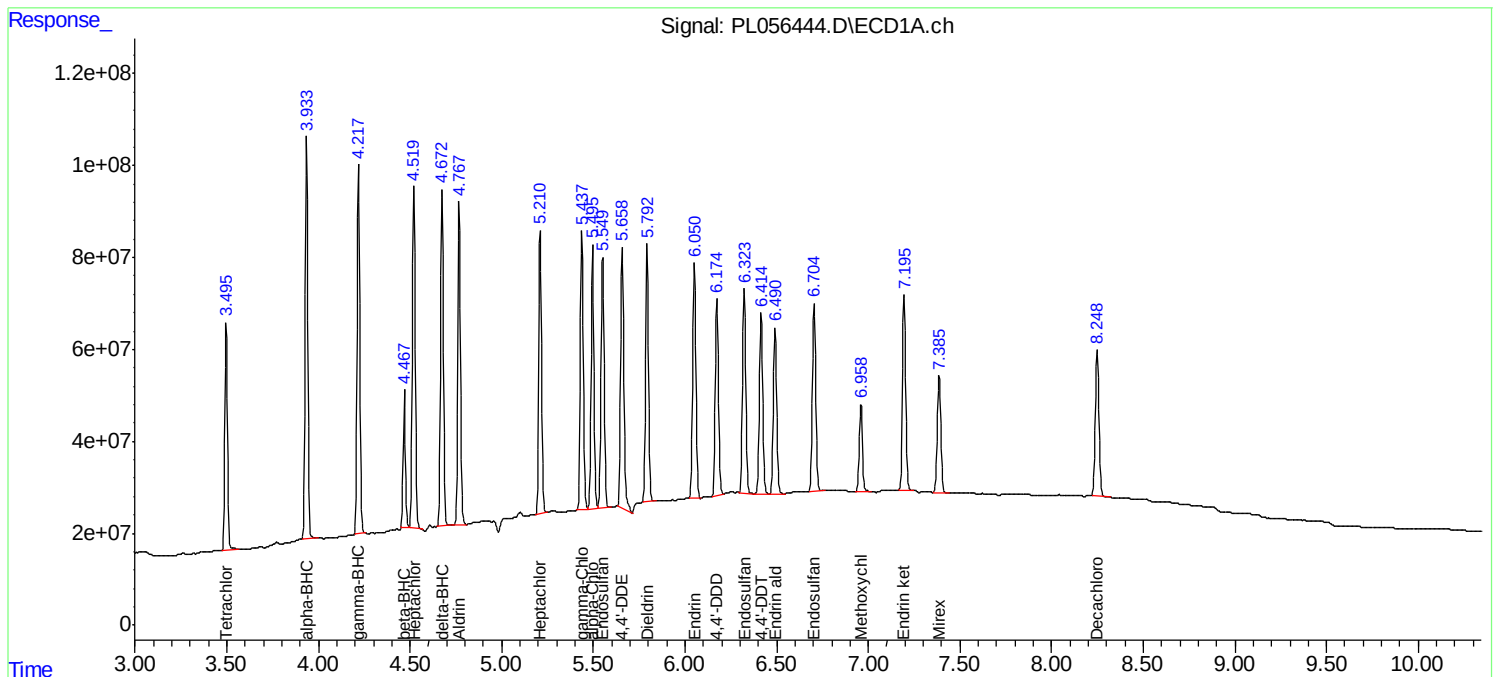
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

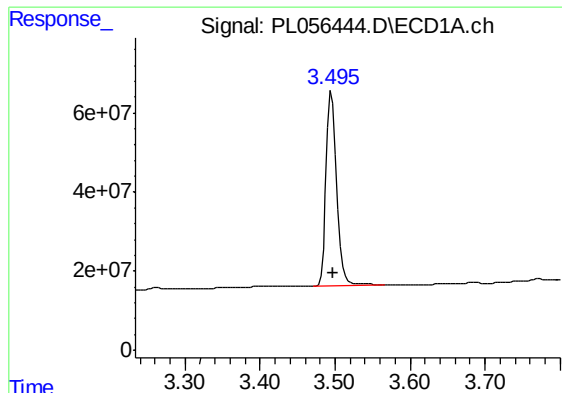
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 16:32:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
Response 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





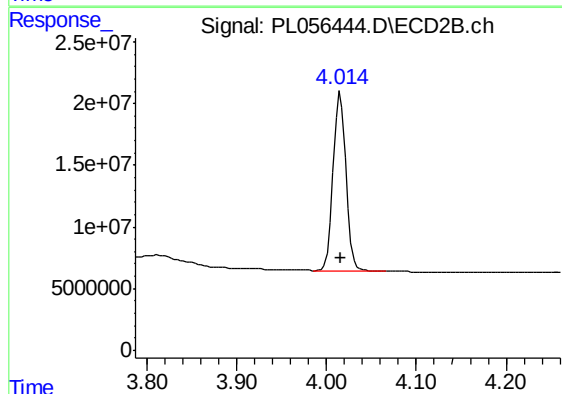
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 489251772
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

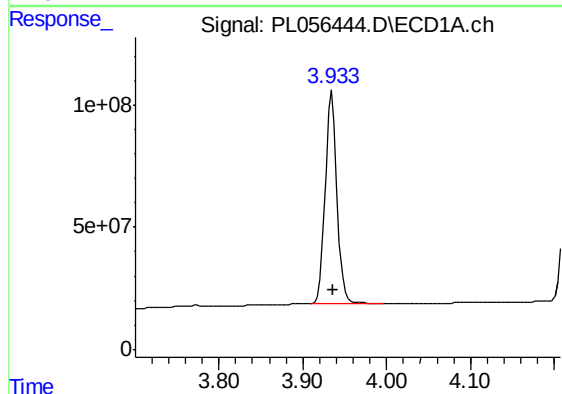
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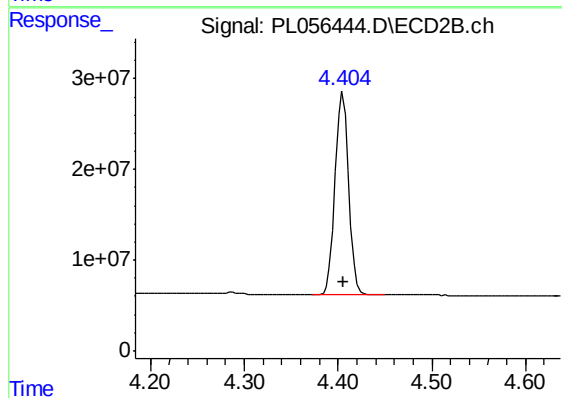
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 144069171
Conc: 49.27 ng/ml



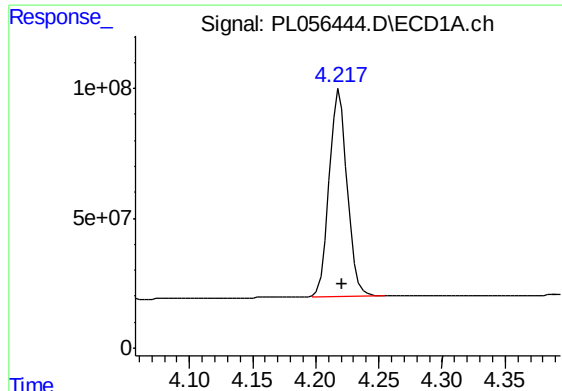
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 850818645
Conc: 47.74 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 225940009
Conc: 51.62 ng/ml



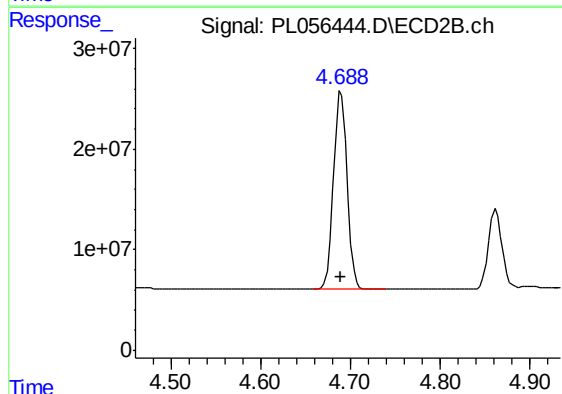
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 792253485
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

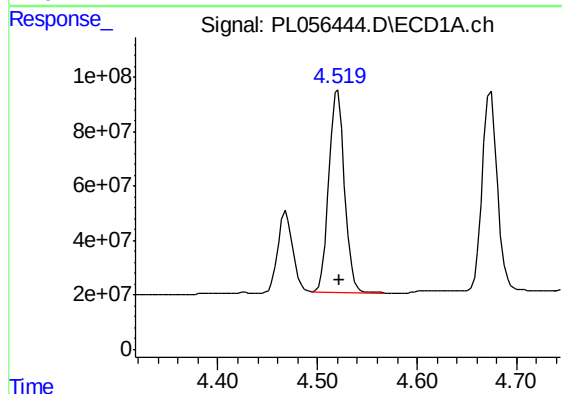
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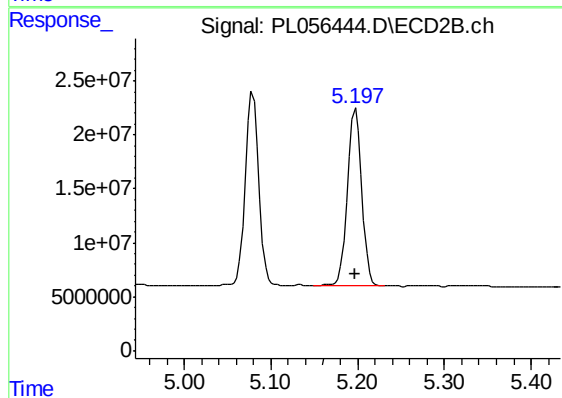
#3 gamma-BHC (Lindane)

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 207214822
Conc: 50.53 ng/ml



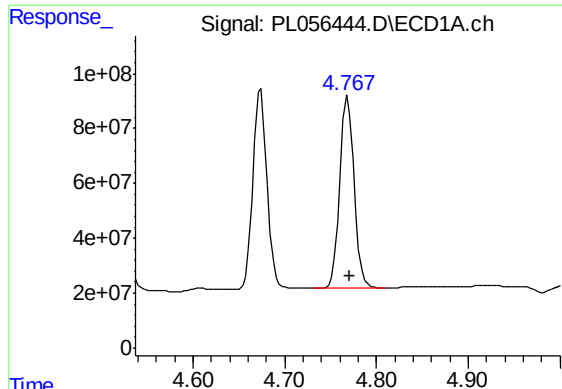
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 808522055
Conc: 50.36 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 189238127
Conc: 52.89 ng/ml



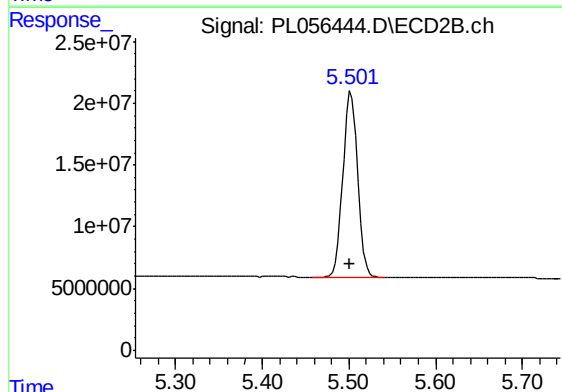
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 758645136
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

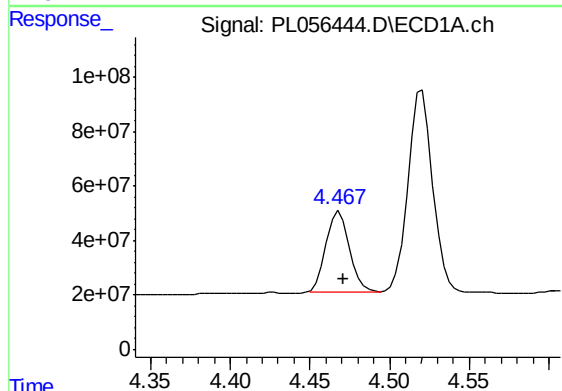
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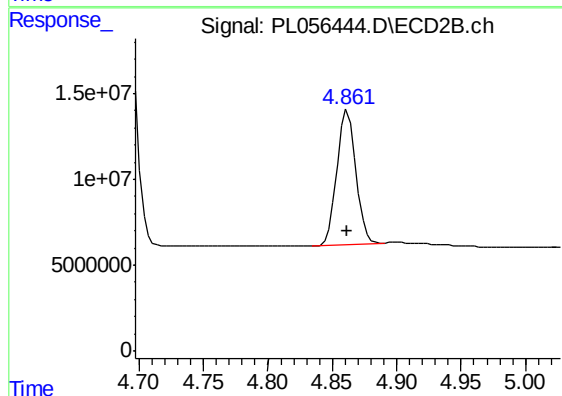
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 177909092
Conc: 50.62 ng/ml



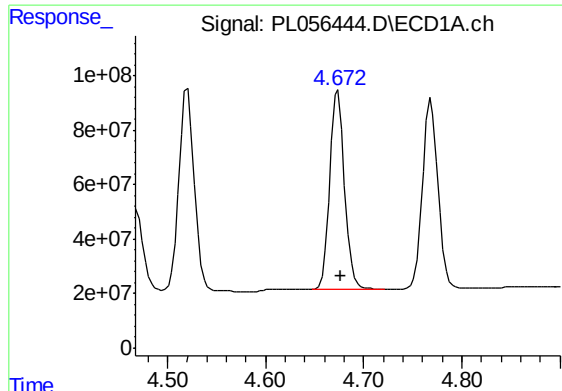
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 301984314
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 80887426
Conc: 49.34 ng/ml



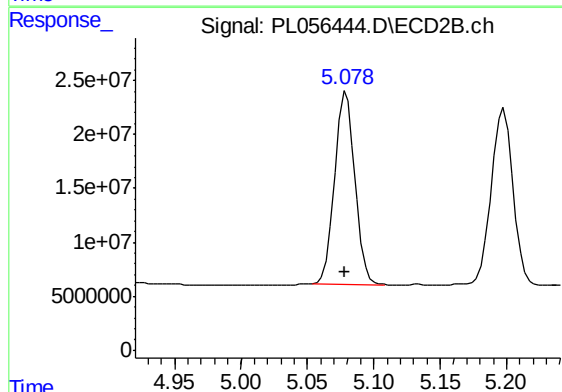
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 772250037
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

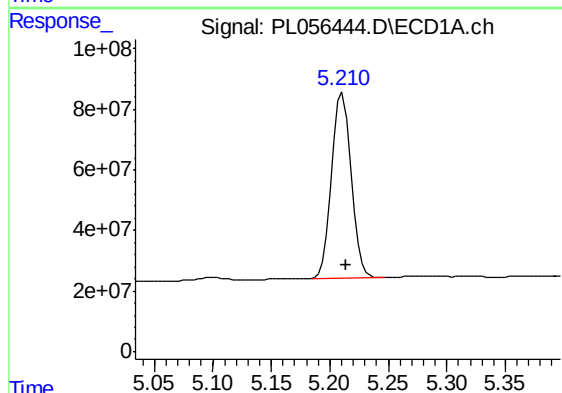
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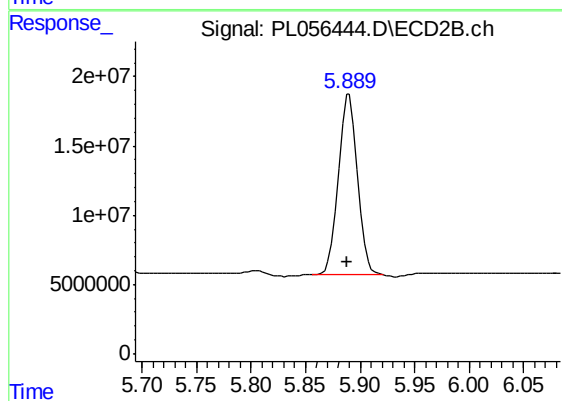
#7 delta-BHC

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 191310537
Conc: 59.65 ng/ml m



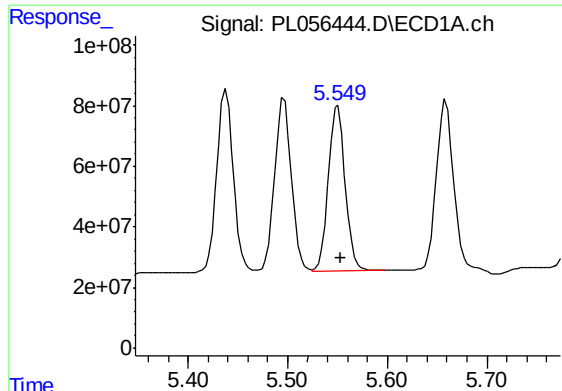
#8 Heptachlor epoxide

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 693157575
Conc: 45.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 159348516
Conc: 51.20 ng/ml



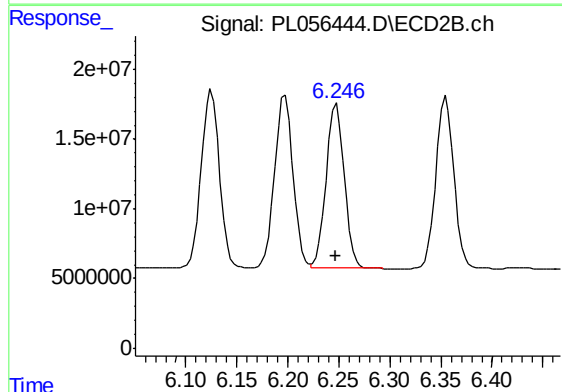
#9 Endosulfan I

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 636356553
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

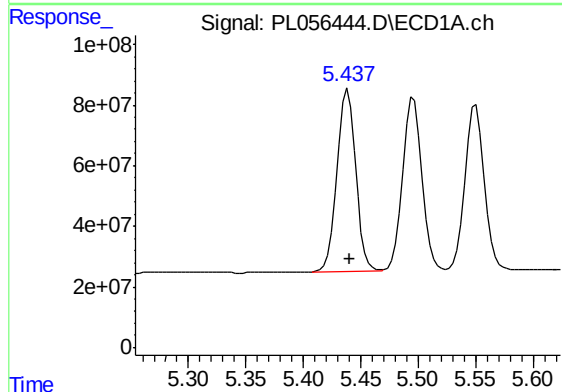
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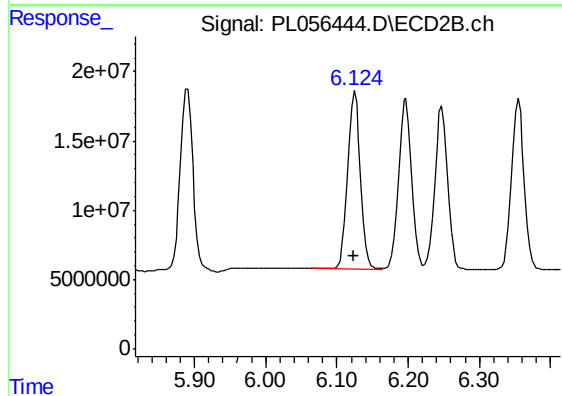
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: 0.001 min
Response: 146367822
Conc: 48.91 ng/ml



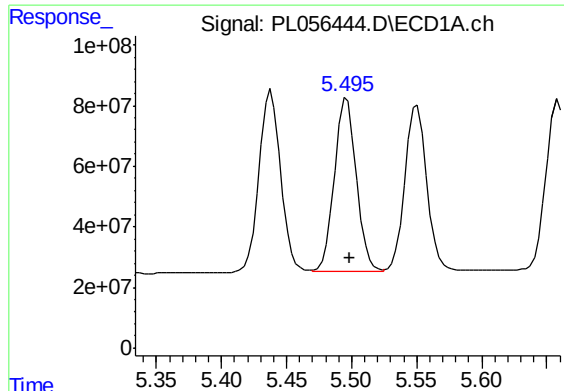
#10 gamma-Chlordane

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 694203118
Conc: 44.26 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 158359940
Conc: 49.80 ng/ml



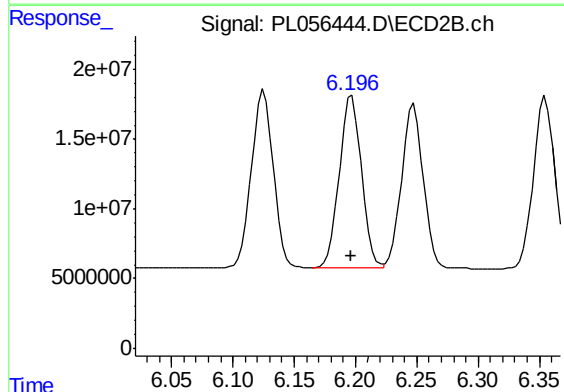
#11 alpha-Chlordane

R.T.: 5.496 min
Delta R.T.: -0.002 min
Response: 667839148
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

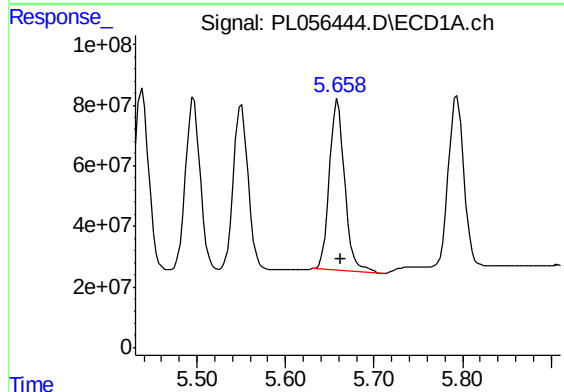
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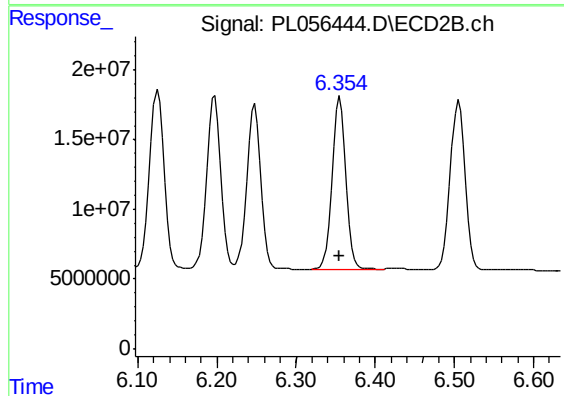
#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 155822796
Conc: 49.16 ng/ml



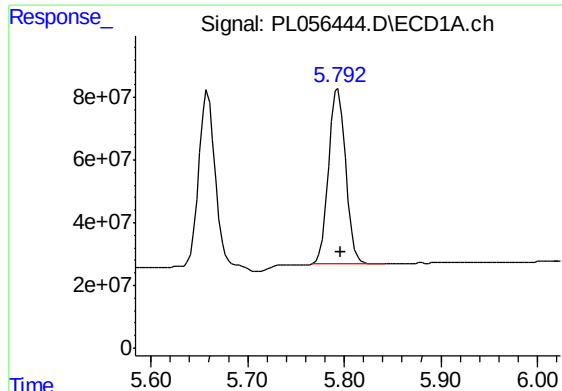
#12 4,4'-DDE

R.T.: 5.659 min
Delta R.T.: -0.004 min
Response: 693721361
Conc: 47.86 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 150308263
Conc: 50.18 ng/ml



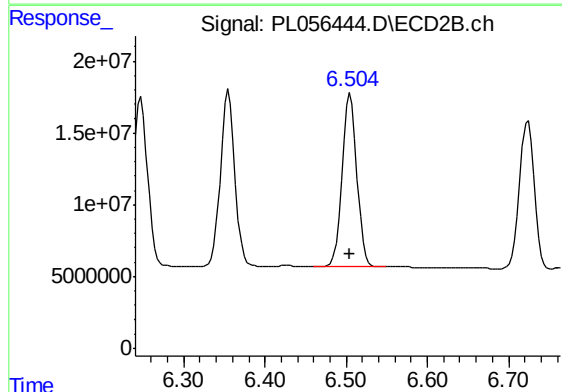
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 673882966
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

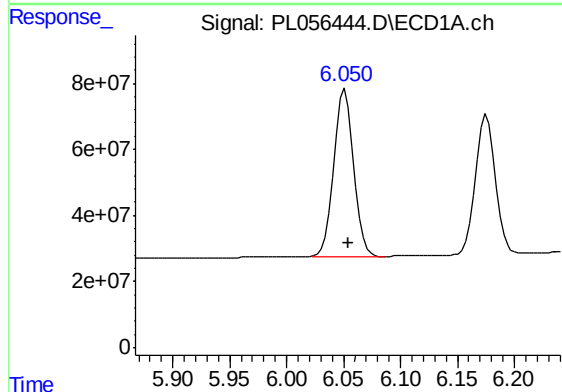
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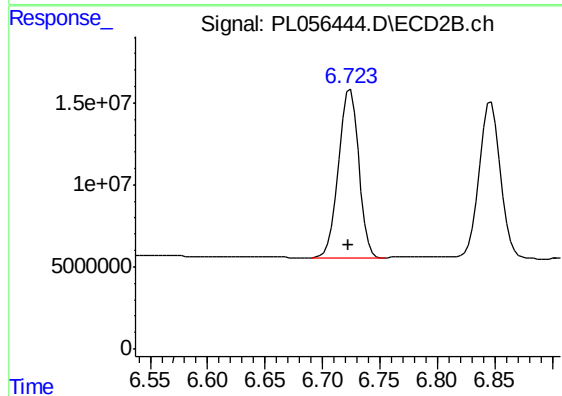
#13 Dieldrin

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 153579541
Conc: 49.48 ng/ml



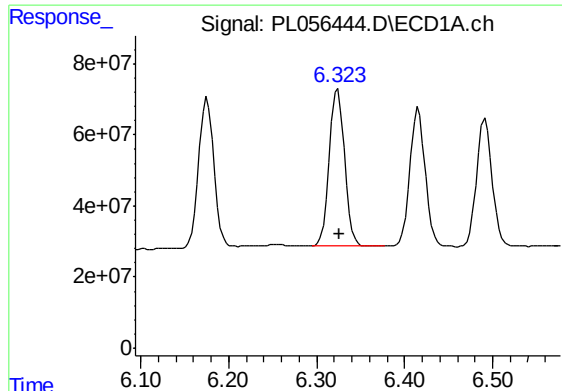
#14 Endrin

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 603358505
Conc: 42.94 ng/ml



#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.001 min
Response: 129449002
Conc: 49.40 ng/ml



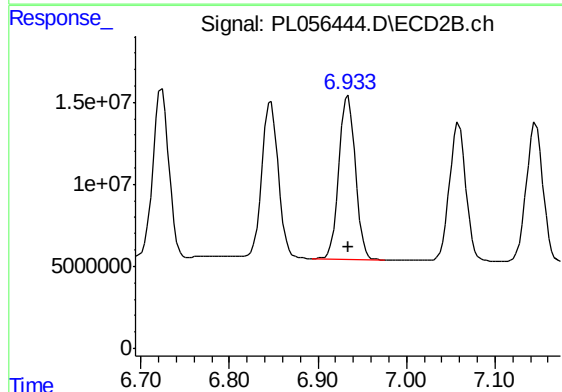
#15 Endosulfan II

R.T.: 6.324 min
Delta R.T.: -0.002 min
Response: 532763127
Conc: 40.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

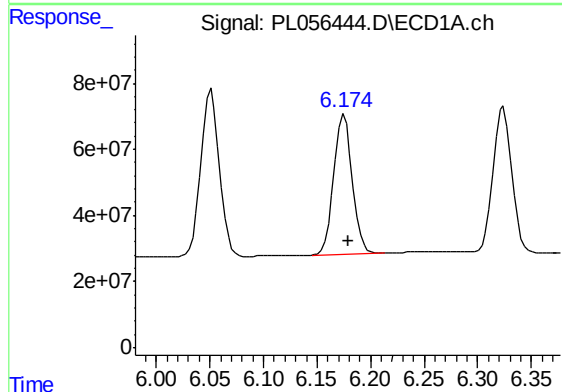
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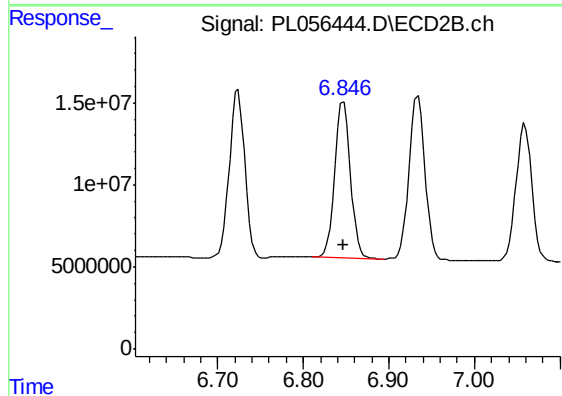
#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 128641589
Conc: 47.79 ng/ml



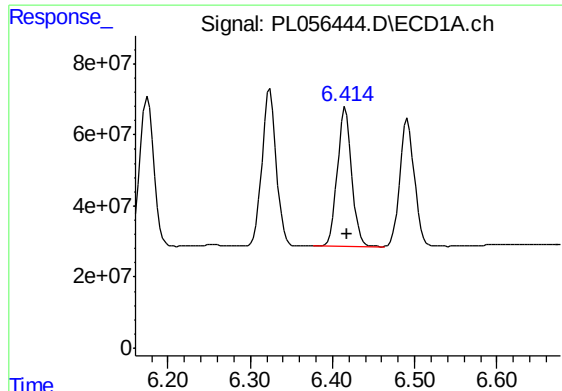
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 508831354
Conc: 47.34 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 121043173
Conc: 51.30 ng/ml



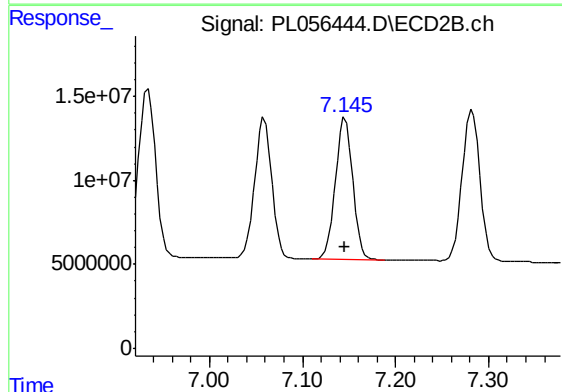
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 474901838
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

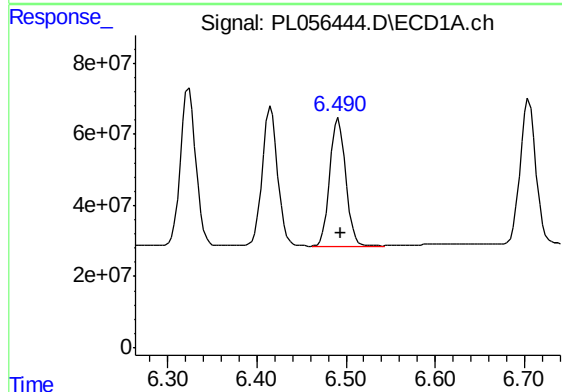
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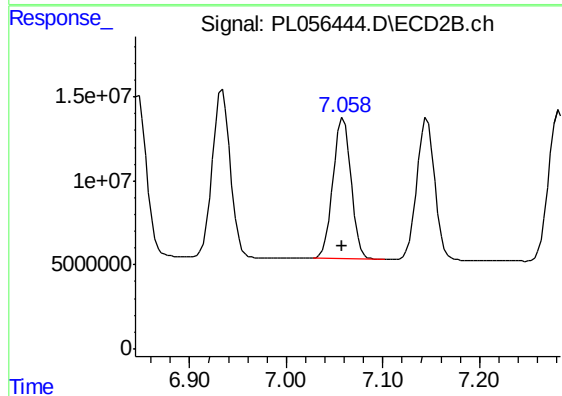
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 109111352
Conc: 47.53 ng/ml



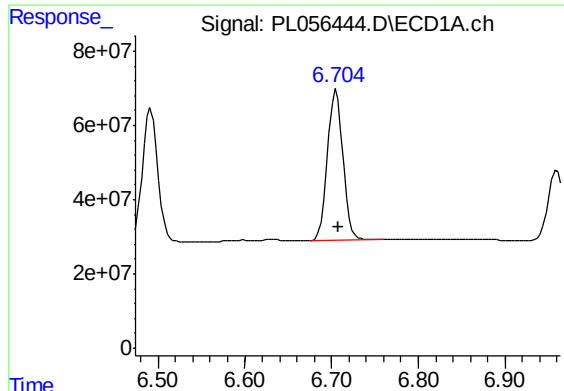
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 444075737
Conc: 40.59 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 106699405
Conc: 47.00 ng/ml



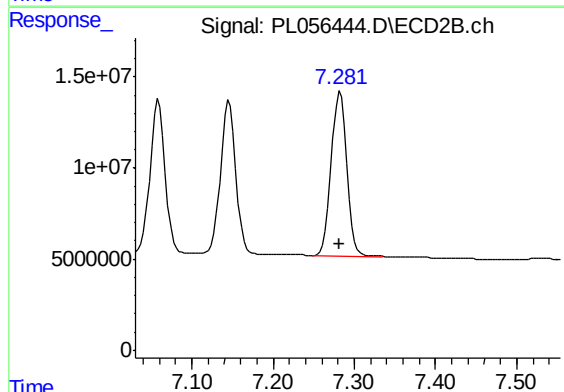
#19 Endosulfan Sulfate

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 504835768
Conc: 41.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

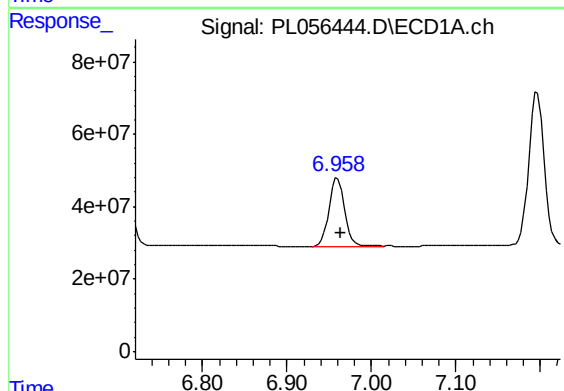
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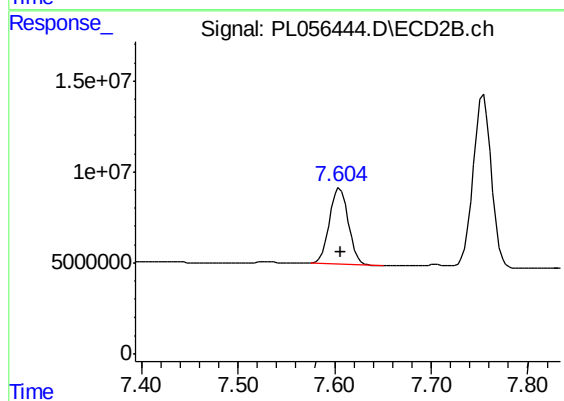
#19 Endosulfan Sulfate

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 119995258
Conc: 47.41 ng/ml



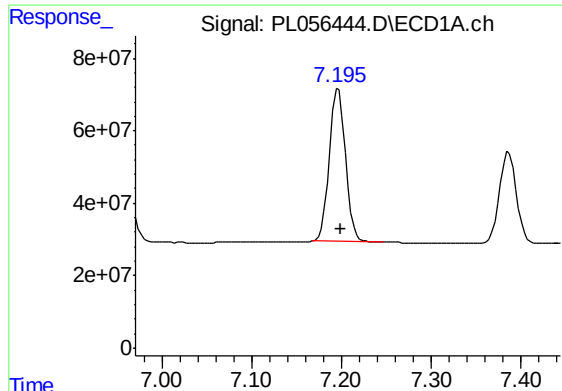
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 242473469
Conc: 45.64 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 55695336
Conc: 45.42 ng/ml



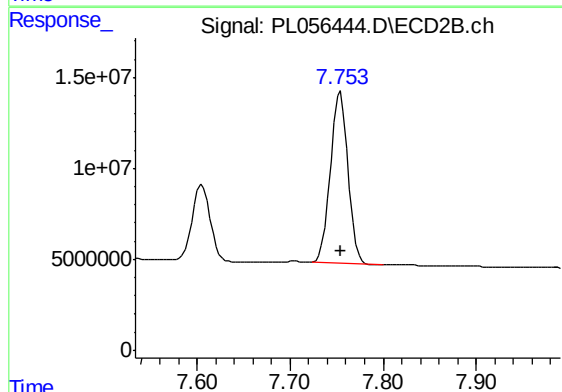
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 531724051
Conc: 40.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

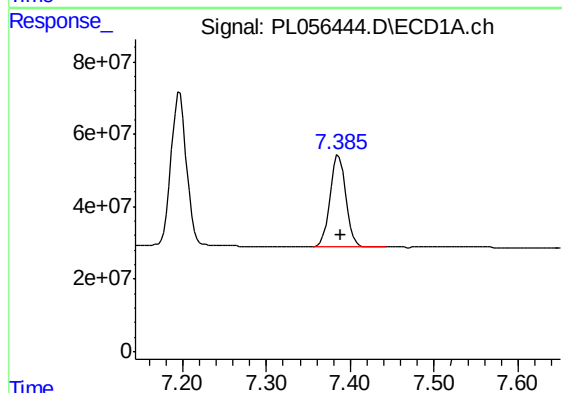
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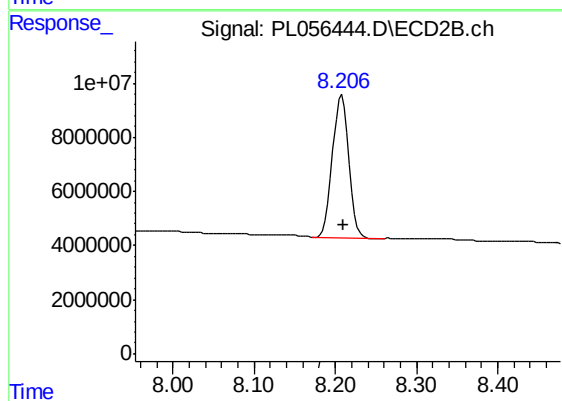
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 123771578
Conc: 46.41 ng/ml



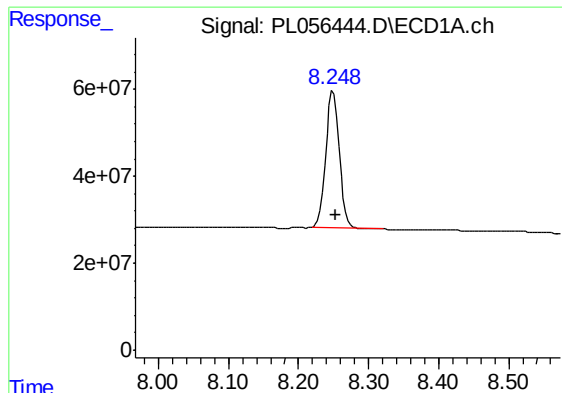
#22 Mirex

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 333192575
Conc: 36.06 ng/ml



#22 Mirex

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 73779011
Conc: 40.59 ng/ml



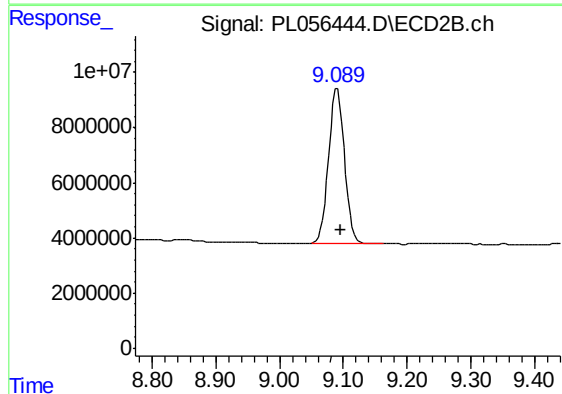
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: -0.003 min
Response: 424727632
Conc: 40.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
2/11/2020 3:41:41 PM



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 97125350
Conc: 42.94 ng/ml