

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
 Data File : PL055395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2019 21:05
 Operator : SG\AJ
 Sample : K6465-04MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GP-10-(10-12)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 00:57:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 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...	3.535	4.049	218.2E6	54042217	20.747	20.453
28)	SA Decachlor...	8.313	9.151	117.8E6	29938834	12.699	13.563
Target Compounds							
2)	A alpha-BHC	3.978	4.441	801.6E6	196.9E6	46.075	53.457
3)	MA gamma-BHC...	4.264	4.727	730.4E6	186.0E6	44.300	54.404
4)	MA Heptachlor	4.570	5.236	800.0E6	169.3E6	48.999	53.814
5)	MB Aldrin	4.821	5.542	759.8E6	166.9E6	49.761	57.979
6)	B beta-BHC	4.515	4.898	350.8E6	72665410	51.161	44.249
7)	B delta-BHC	4.723	5.116	689.5E6	137.4E6	45.552	49.123
8)	B Heptachlo...	5.266	5.928	669.5E6	138.6E6	46.854	54.359
9)	A Endosulfan I	5.608	6.286	553.3E6	133.9E6	41.877	54.048 #
10)	B gamma-Chl...	5.495	6.163	664.1E6	142.1E6	45.580	53.544
11)	B alpha-Chl...	5.553	6.236	632.7E6	142.2E6	44.936	54.211
12)	B 4,4'-DDE	5.715	6.393	627.6E6	125.3E6	47.093	51.410
13)	MA Dieldrin	5.853	6.544	652.8E6	135.6E6	46.759	53.117
14)	MA Endrin	6.111	6.763	567.8E6	108.1E6	44.674	50.396
15)	B Endosulfa...	6.384	6.973	541.7E6	116.1E6	46.156	48.987
16)	A 4,4'-DDD	6.233	6.885	466.2E6	105.5E6	48.542	55.507
17)	MA 4,4'-DDT	6.475	7.185	437.4E6	96829722	43.447	49.337
18)	B Endrin al...	6.552	7.098	432.5E6	97826984	44.411	50.690
19)	B Endosulfa...	6.765	7.323	491.0E6	110.4E6	48.814	52.876
20)	A Methoxychlor	7.020	7.646	222.0E6	55278895	46.066	51.219
21)	B Endrin ke...	7.259	7.796	501.3E6	121.6E6	47.828	54.608
22)	Mirex	7.450	8.253	337.9E6	81896167	44.364m	49.392

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
Data File : PL055395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Dec 2019 21:05
Operator : SG\AJ
Sample : K6465-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

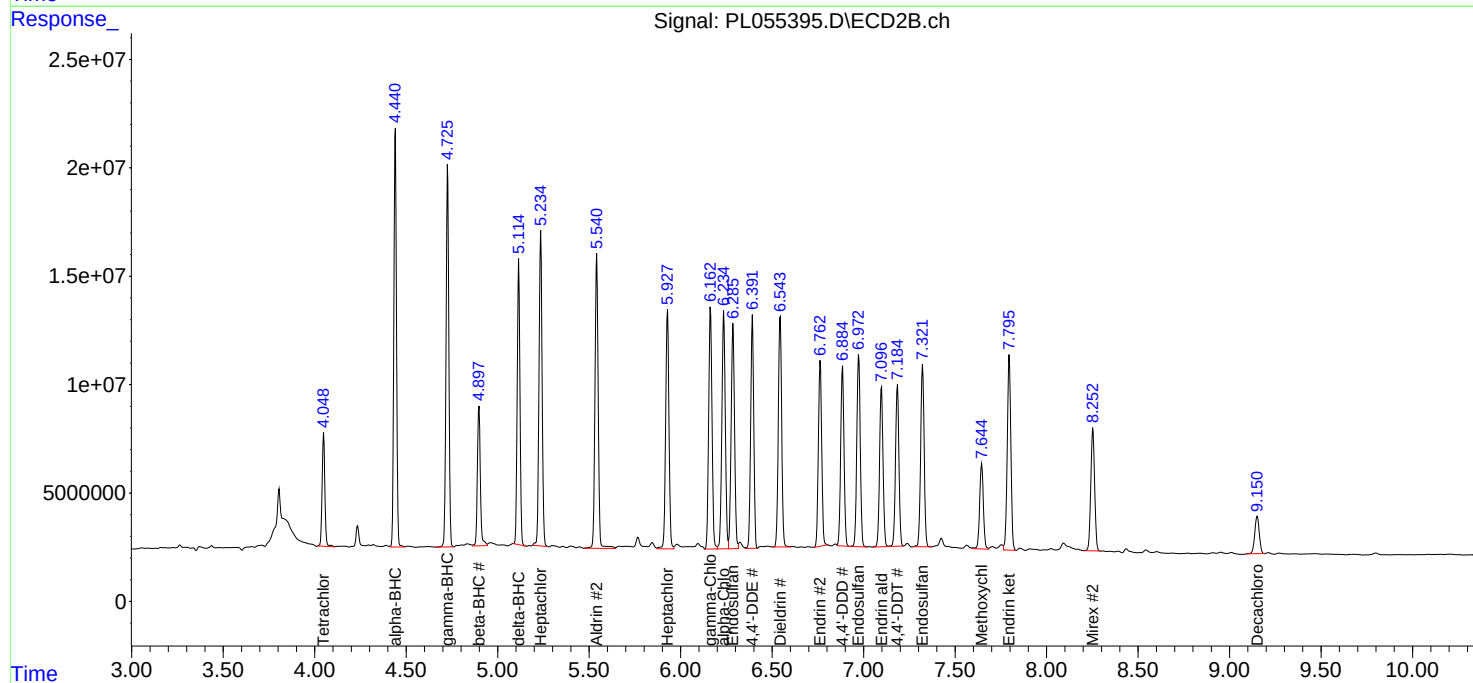
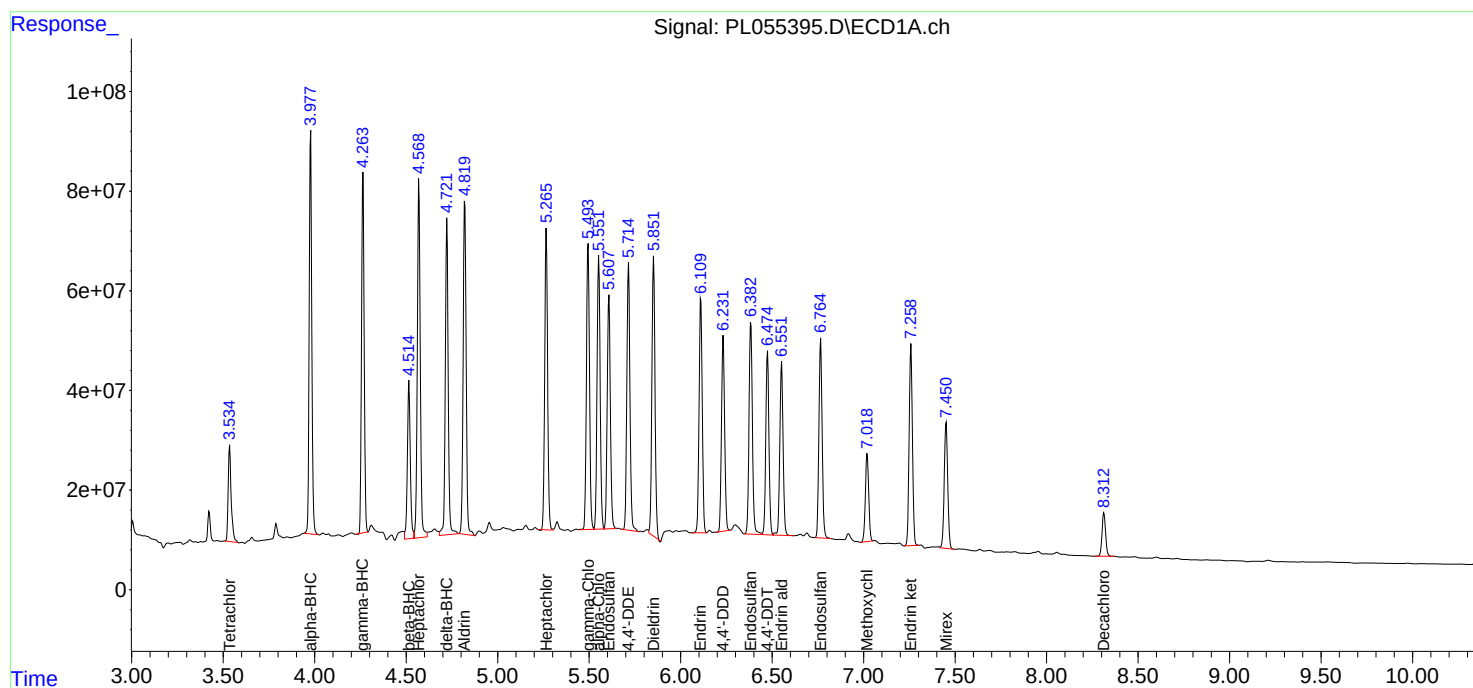
Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

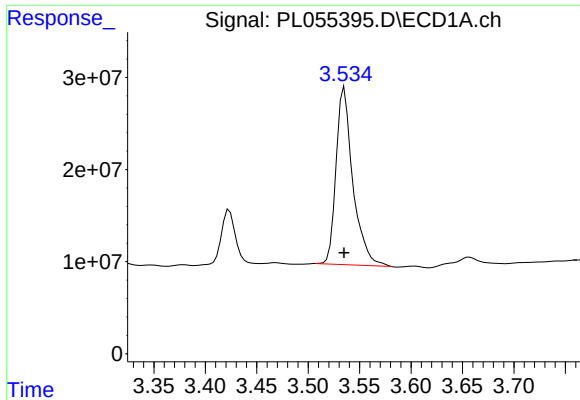
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 00:57:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





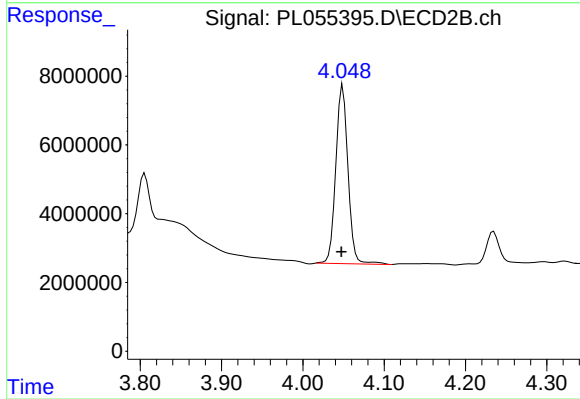
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 218180968
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

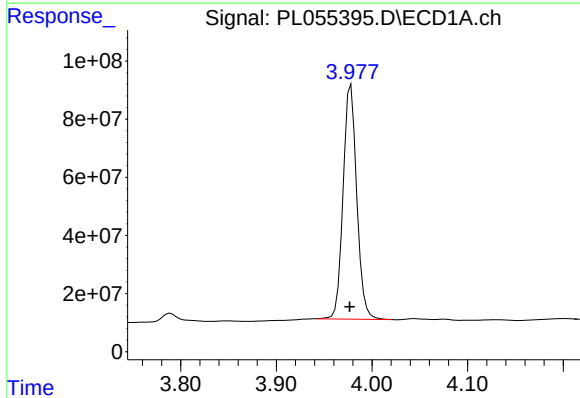
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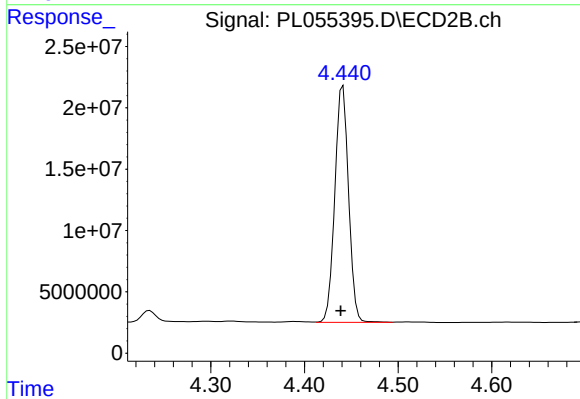
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 54042217
Conc: 20.45 ng/ml



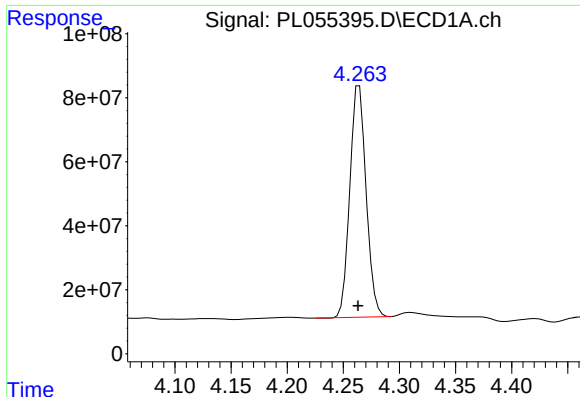
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.001 min
Response: 801588973
Conc: 46.08 ng/ml



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.003 min
Response: 196873072
Conc: 53.46 ng/ml



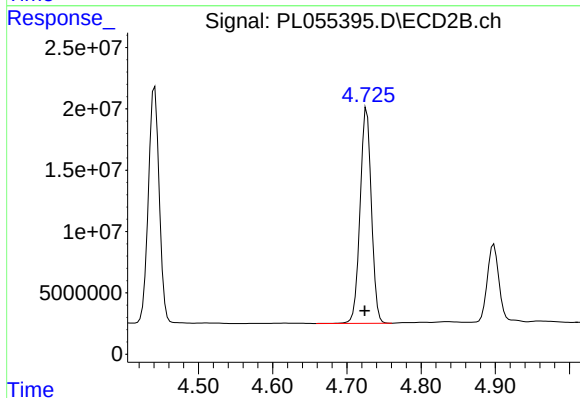
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 730436003
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

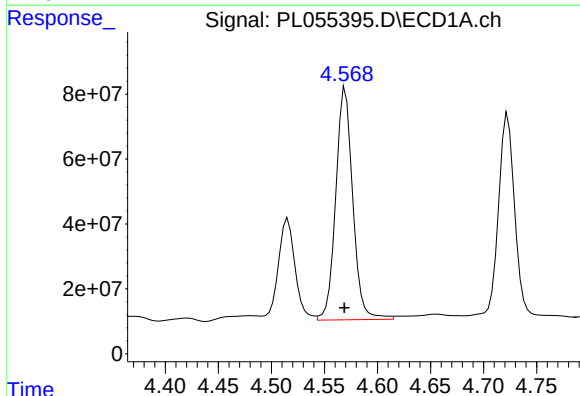
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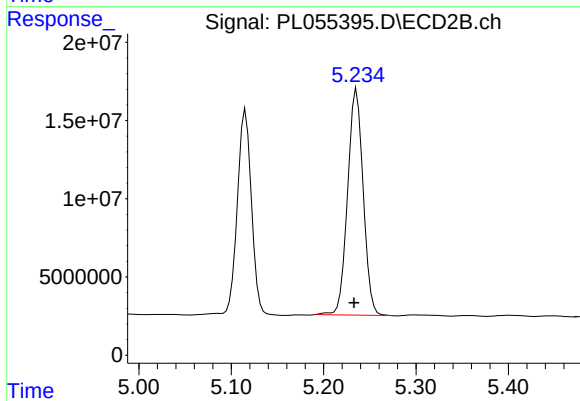
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 185985786
Conc: 54.40 ng/ml



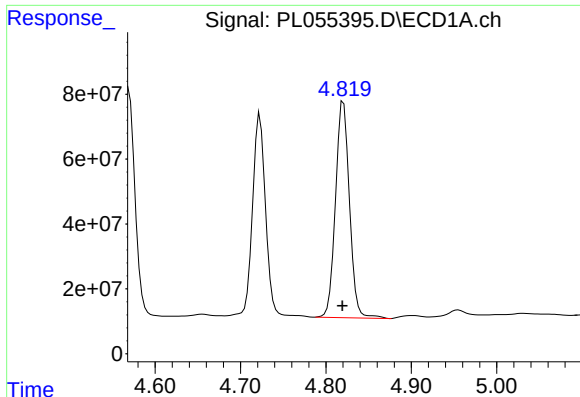
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 800019945
Conc: 49.00 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 169304253
Conc: 53.81 ng/ml



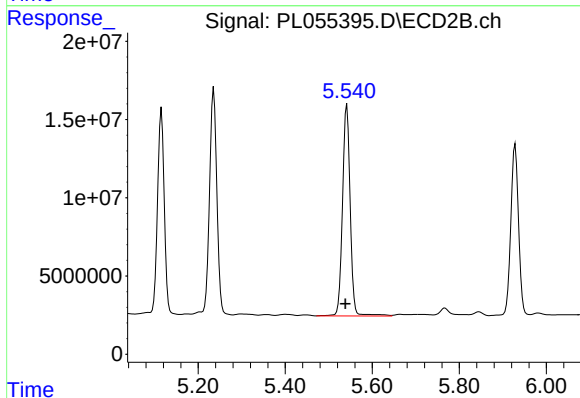
#5 Aldrin

R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 759819644
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

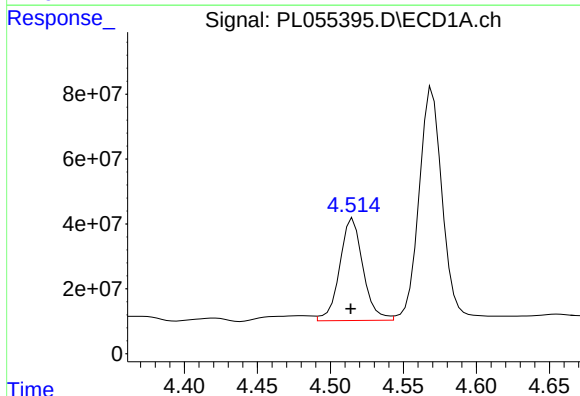
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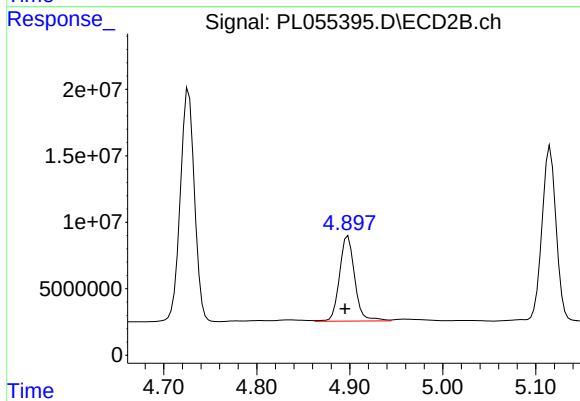
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.003 min
Response: 166949085
Conc: 57.98 ng/ml



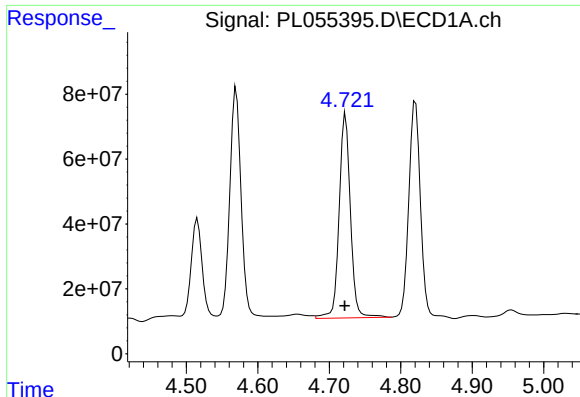
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 350832495
Conc: 51.16 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 72665410
Conc: 44.25 ng/ml



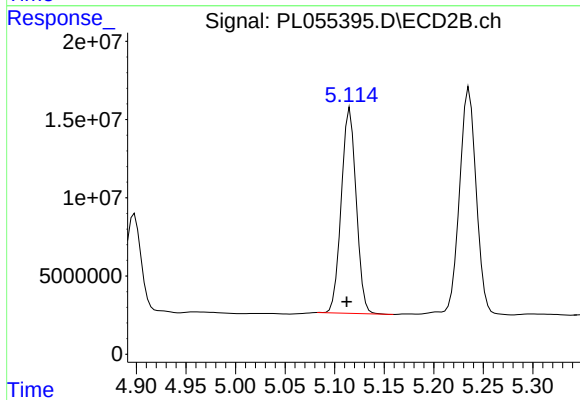
#7 delta-BHC

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 689487686
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

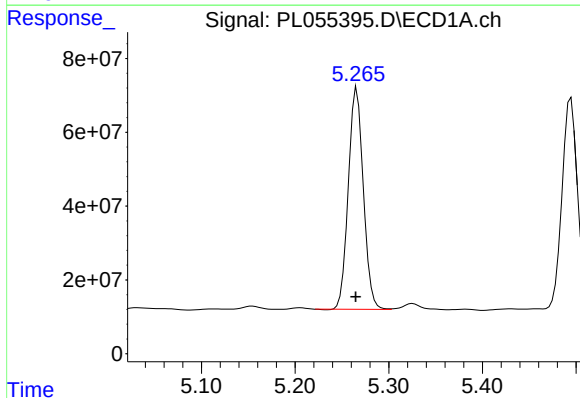
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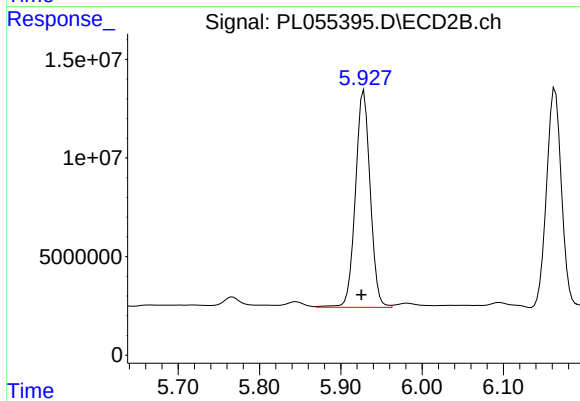
#7 delta-BHC

R.T.: 5.116 min
Delta R.T.: 0.003 min
Response: 137364145
Conc: 49.12 ng/ml



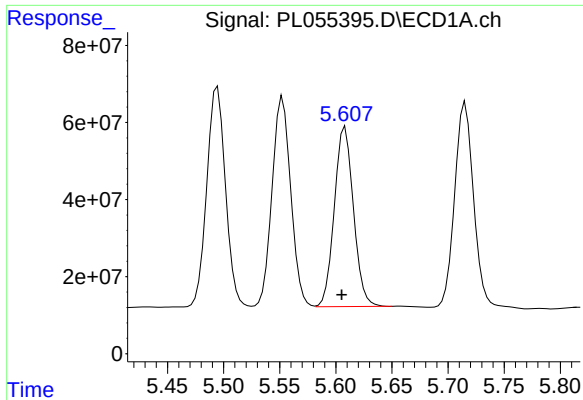
#8 Heptachlor epoxide

R.T.: 5.266 min
Delta R.T.: 0.001 min
Response: 669500788
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 138552772
Conc: 54.36 ng/ml



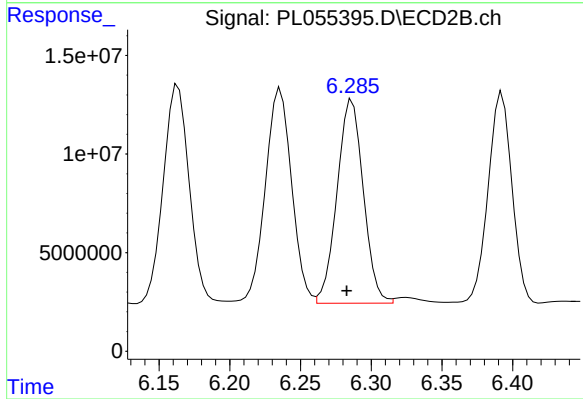
#9 Endosulfan I

R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 553325039
Conc: 41.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

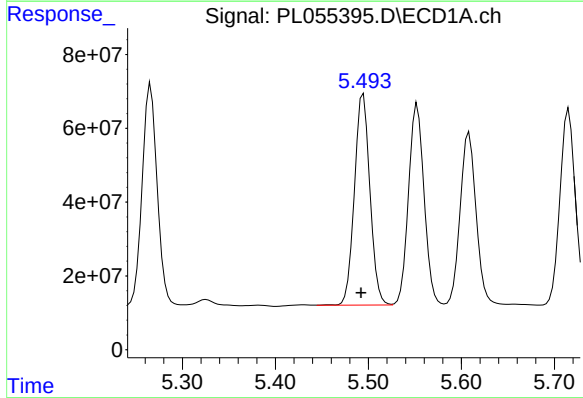
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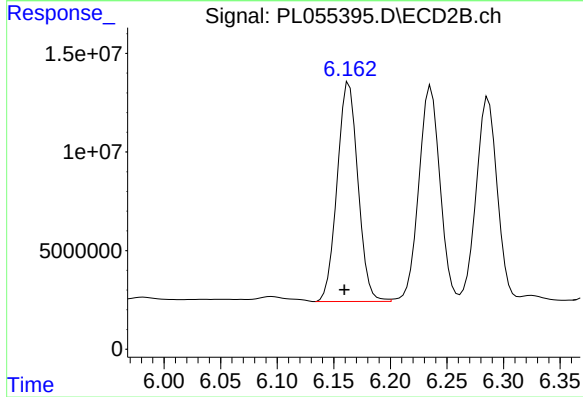
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: 0.004 min
Response: 133866599
Conc: 54.05 ng/ml



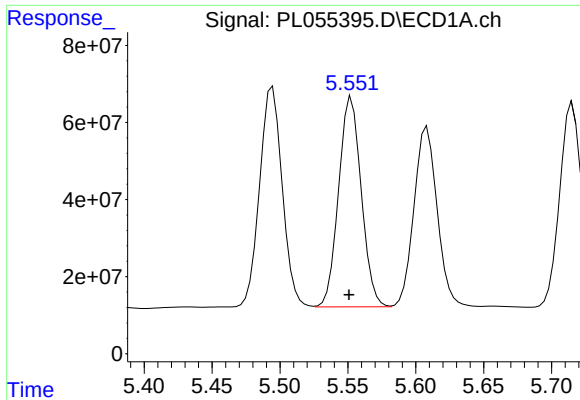
#10 gamma-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 664101309
Conc: 45.58 ng/ml



#10 gamma-Chlordane

R.T.: 6.163 min
Delta R.T.: 0.004 min
Response: 142111810
Conc: 53.54 ng/ml



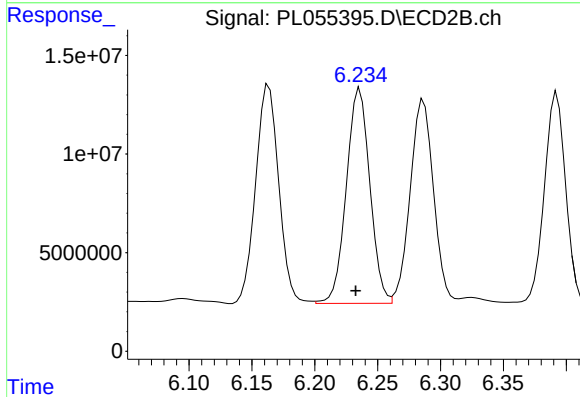
#11 alpha-Chlordane

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 632658808
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

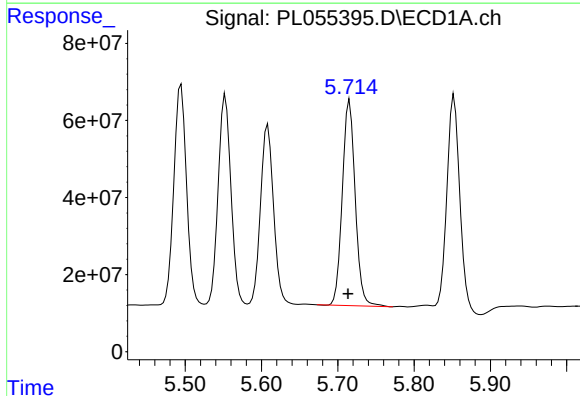
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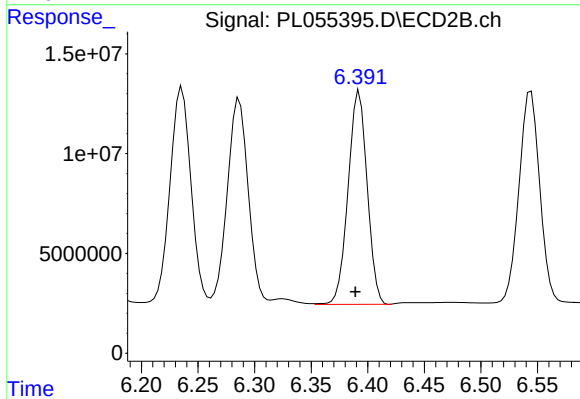
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 142159111
Conc: 54.21 ng/ml



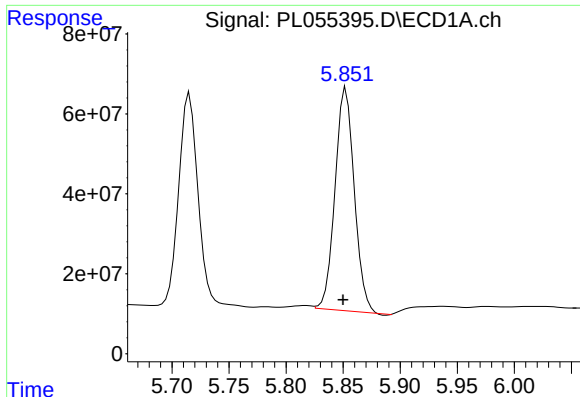
#12 4,4'-DDE

R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 627566807
Conc: 47.09 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 125349919
Conc: 51.41 ng/ml



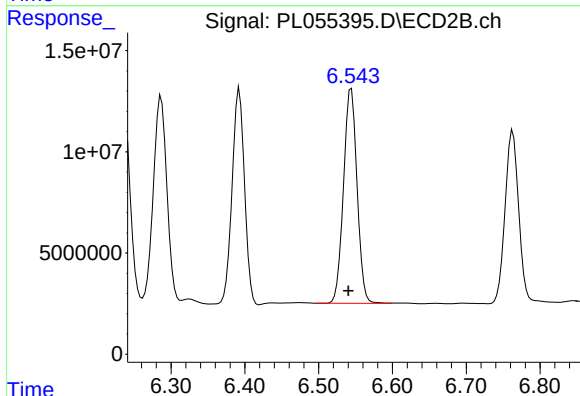
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 652757425
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

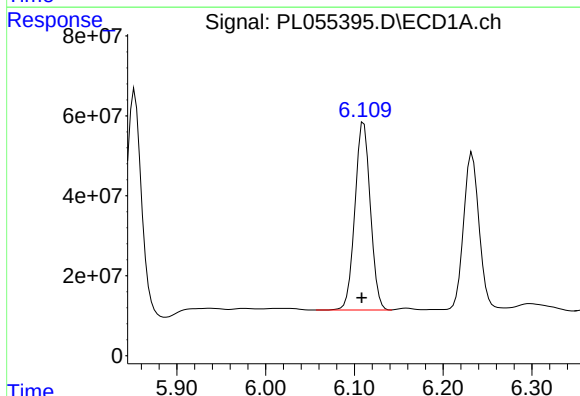
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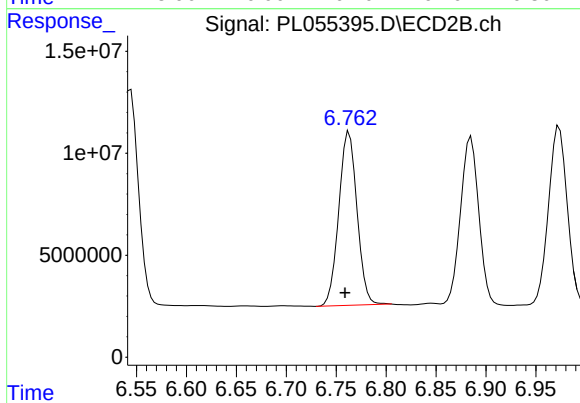
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 135556464
Conc: 53.12 ng/ml



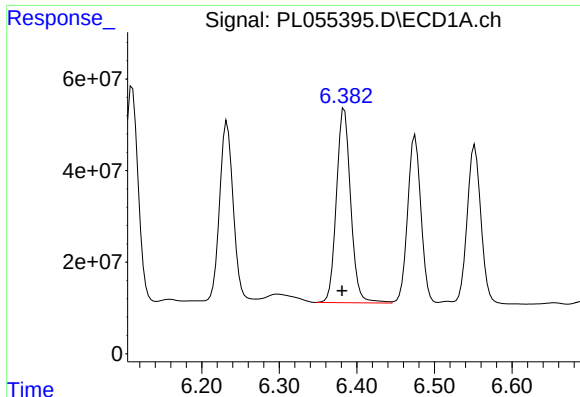
#14 Endrin

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 567789563
Conc: 44.67 ng/ml



#14 Endrin

R.T.: 6.763 min
Delta R.T.: 0.004 min
Response: 108148467
Conc: 50.40 ng/ml



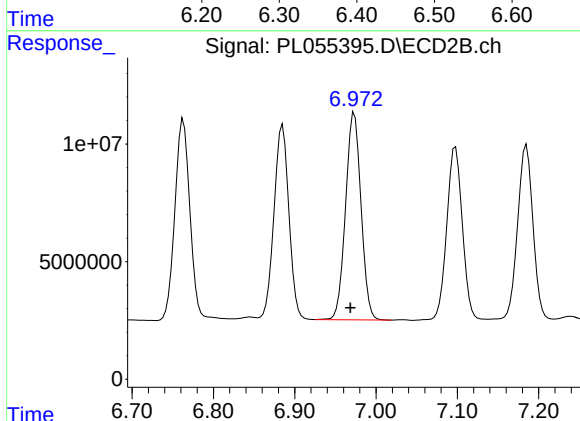
#15 Endosulfan II

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 541718587
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

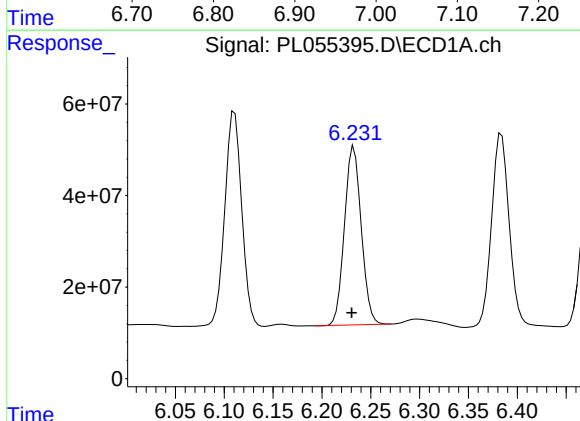
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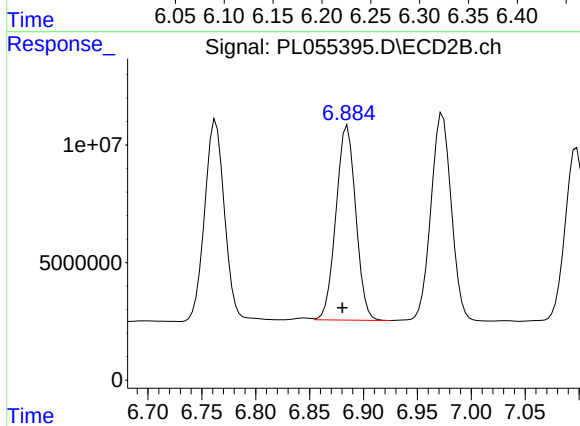
#15 Endosulfan II

R.T.: 6.973 min
Delta R.T.: 0.005 min
Response: 116133846
Conc: 48.99 ng/ml



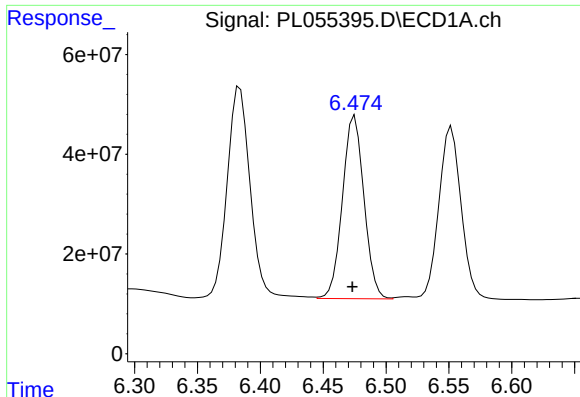
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: 0.002 min
Response: 466224107
Conc: 48.54 ng/ml



#16 4,4'-DDD

R.T.: 6.885 min
Delta R.T.: 0.005 min
Response: 105523537
Conc: 55.51 ng/ml



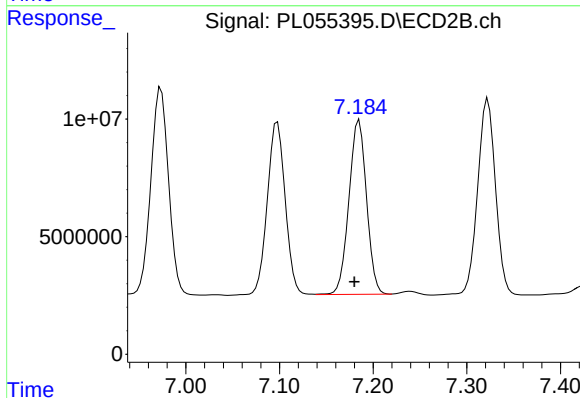
#17 4,4'-DDT

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 437388938
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

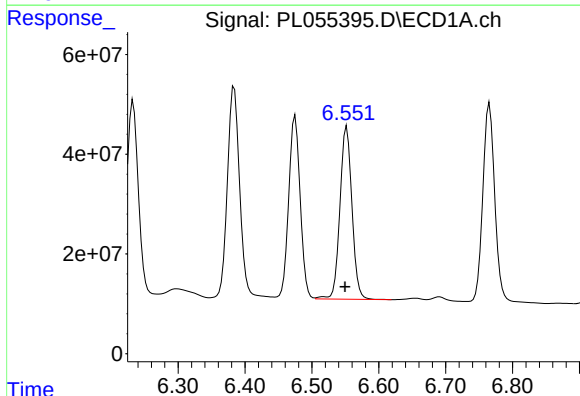
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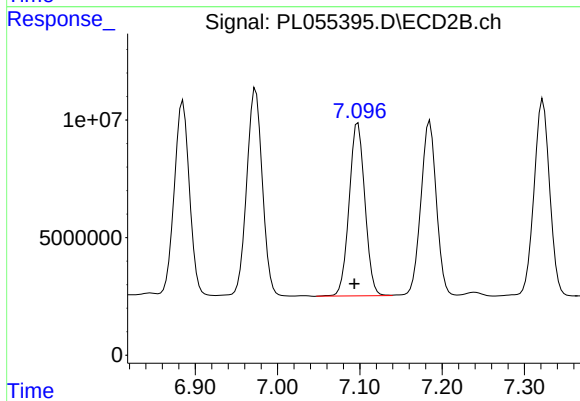
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 96829722
Conc: 49.34 ng/ml



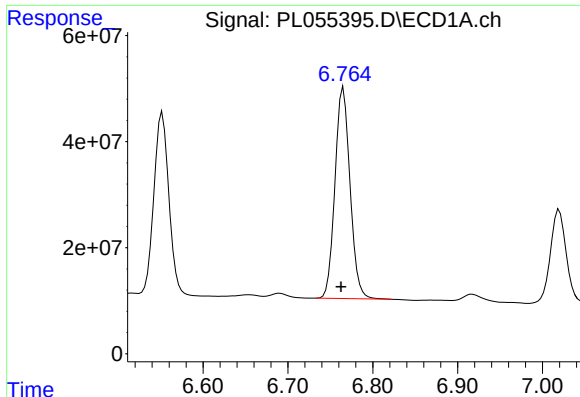
#18 Endrin aldehyde

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 432532414
Conc: 44.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: 0.004 min
Response: 97826984
Conc: 50.69 ng/ml



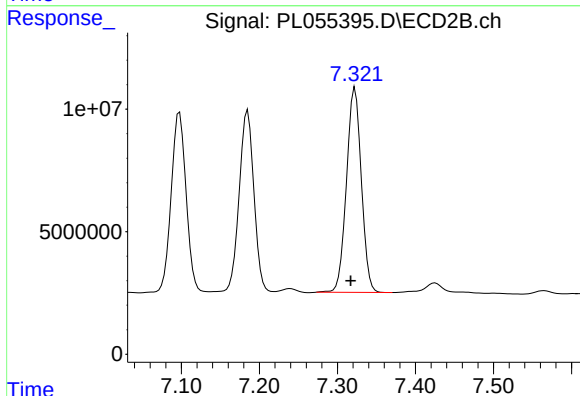
#19 Endosulfan Sulfate

R.T.: 6.765 min
Delta R.T.: 0.003 min
Response: 491007541
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

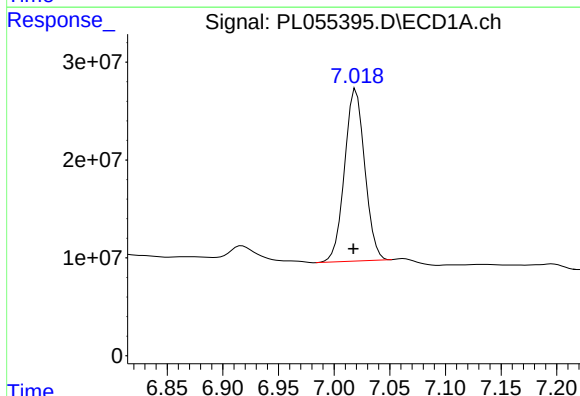
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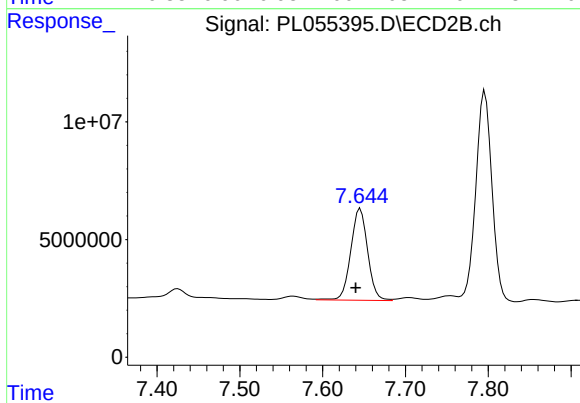
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.006 min
Response: 110435582
Conc: 52.88 ng/ml



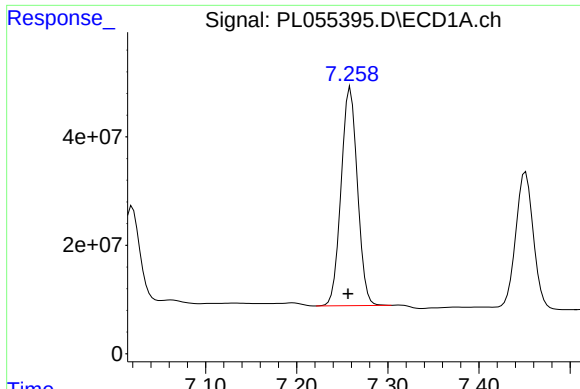
#20 Methoxychlor

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 222010526
Conc: 46.07 ng/ml



#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: 0.005 min
Response: 55278895
Conc: 51.22 ng/ml



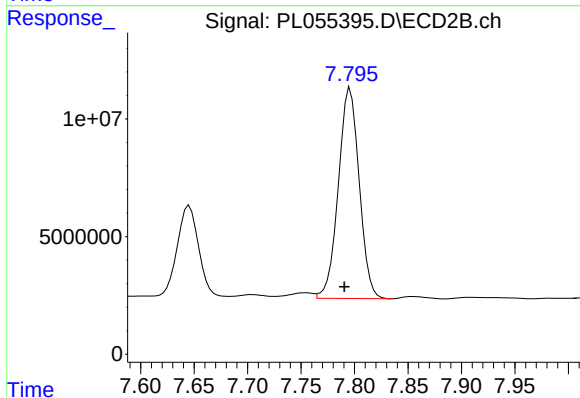
#21 Endrin ketone

R.T.: 7.259 min
Delta R.T.: 0.003 min
Response: 501316040
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

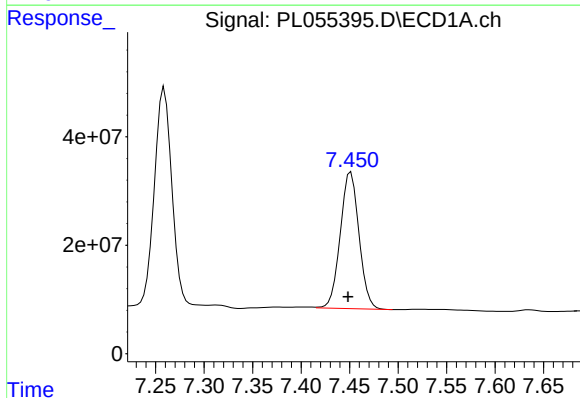
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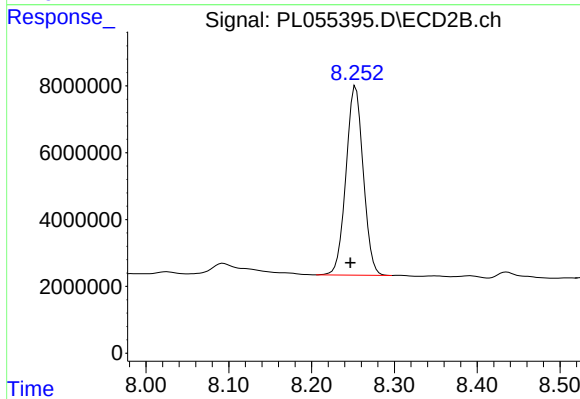
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: 0.006 min
Response: 121609848
Conc: 54.61 ng/ml



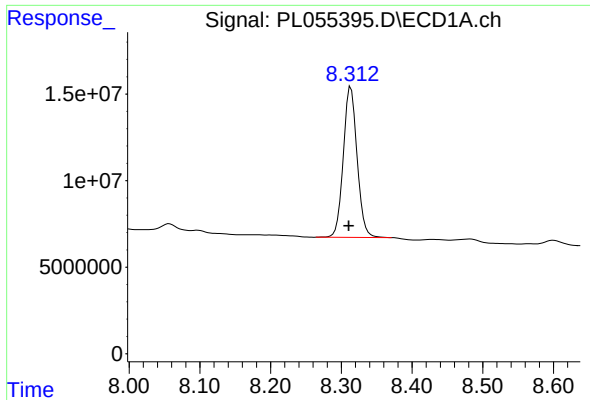
#22 Mirex

R.T.: 7.450 min
Delta R.T.: 0.002 min
Response: 337924226
Conc: 44.36 ng/ml m



#22 Mirex

R.T.: 8.253 min
Delta R.T.: 0.006 min
Response: 81896167
Conc: 49.39 ng/ml



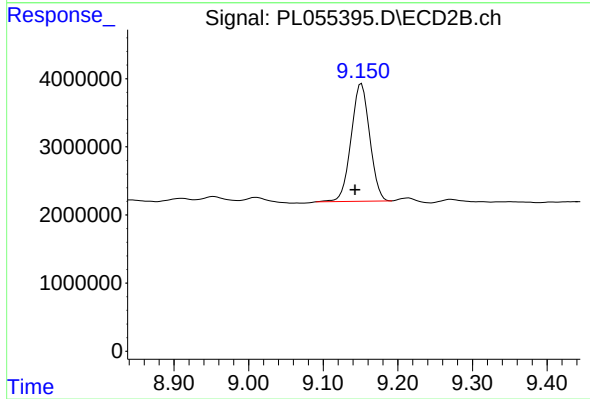
#28 Decachlorobiphenyl

R.T.: 8.313 min
Delta R.T.: 0.003 min
Response: 117832147
Conc: 12.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
GP-10-(10-12)MSD

Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:40 AM



#28 Decachlorobiphenyl

R.T.: 9.151 min
Delta R.T.: 0.008 min
Response: 29938834
Conc: 13.56 ng/ml