

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
 Data File : PL055440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2019 19:11
 Operator : SG\AJ
 Sample : K6114-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EO-O1-122719MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 00:44:52 2020
 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...	3.536	4.049	204.9E6	64418693	19.483	24.380 #
28)	SA Decachlor...	8.315	9.153	203.9E6	52303349	21.980	23.694
Target Compounds							
2)	A alpha-BHC	3.978	4.441	908.8E6	245.4E6	52.238m	66.635 #
3)	MA gamma-BHC...	4.266	4.727	830.1E6	225.4E6	50.343	65.945 #
4)	MA Heptachlor	4.571	5.236	879.4E6	204.6E6	53.861	65.030
5)	MB Aldrin	4.822	5.542	853.6E6	198.9E6	55.902	69.088
6)	B beta-BHC	4.516	4.898	358.4E6	96837836	52.259	58.969
7)	B delta-BHC	4.724	5.115	747.9E6	185.9E6	49.413	66.474 #
8)	B Heptachlo...	5.267	5.929	770.1E6	174.4E6	53.893	68.443 #
9)	A Endosulfan I	5.608	6.287	703.7E6	161.3E6	53.255	65.141
10)	B gamma-Chl...	5.495	6.163	802.0E6	175.4E6	55.046	66.095
11)	B alpha-Chl...	5.554	6.236	756.1E6	170.0E6	53.706	64.831
12)	B 4,4'-DDE	5.716	6.393	721.5E6	164.0E6	54.142	67.249
13)	MA Dieldrin	5.853	6.545	778.0E6	170.6E6	55.730	66.839
14)	MA Endrin	6.112	6.765	652.7E6	132.0E6	51.358	61.520
15)	B Endosulfa...	6.385	6.974	620.3E6	144.7E6	52.848	61.022
16)	A 4,4'-DDD	6.234	6.886	571.6E6	134.3E6	59.509	70.664
17)	MA 4,4'-DDT	6.475	7.186	508.1E6	114.6E6	50.467	58.394
18)	B Endrin al...	6.552	7.099	524.6E6	120.4E6	53.860	62.403
19)	B Endosulfa...	6.766	7.323	587.5E6	136.8E6	58.411	65.518
20)	A Methoxychlor	7.021	7.646	233.8E6	58637892	48.502	54.331
21)	B Endrin ke...	7.260	7.797	637.0E6	150.3E6	60.775	67.490
22)	Mirex	7.451	8.255	418.6E6	97600710	54.951	58.864

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 19:11
Operator : SG\AJ
Sample : K6114-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

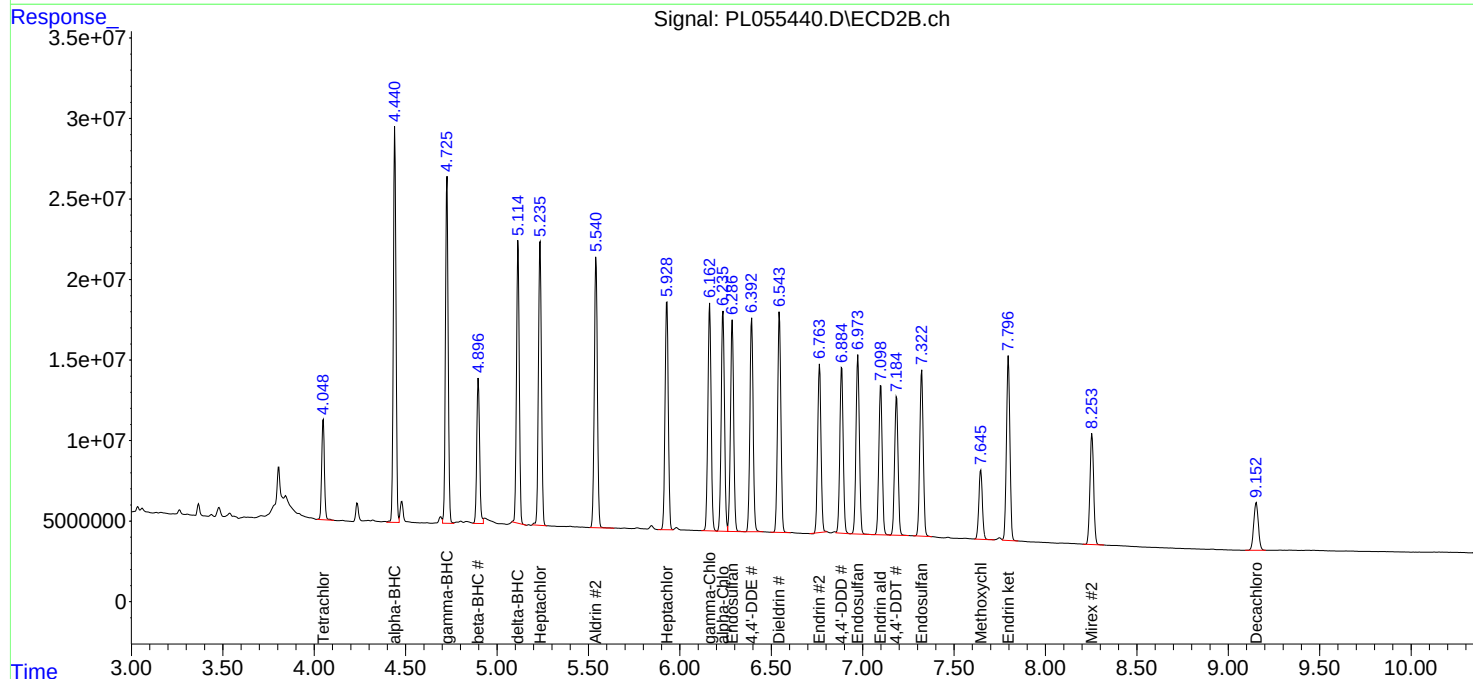
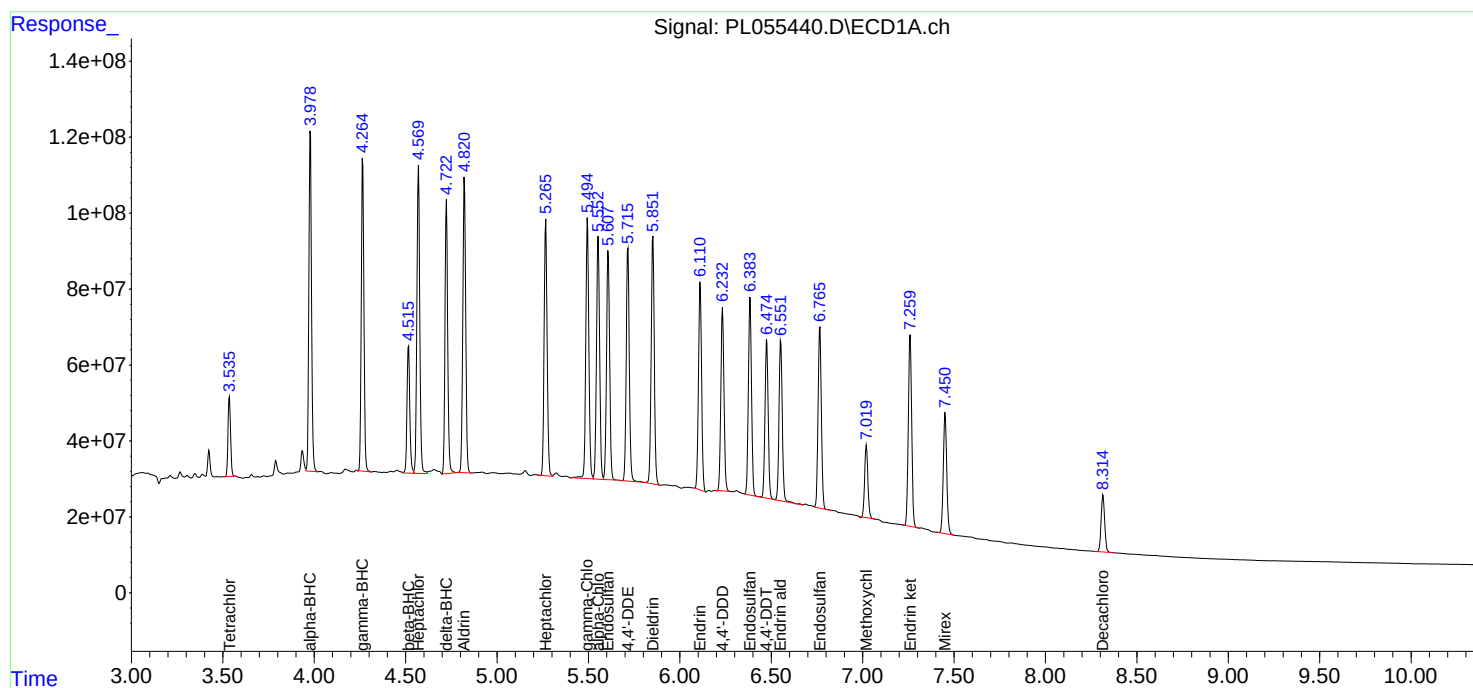
Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

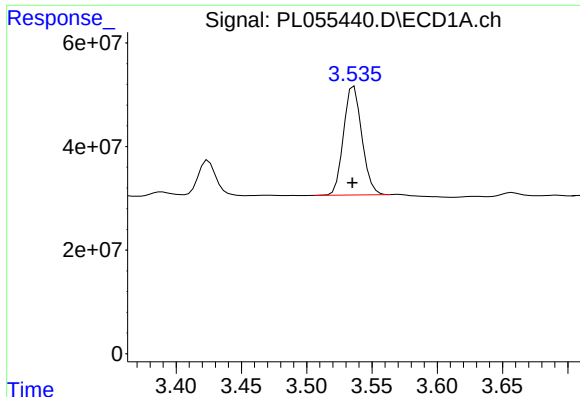
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:44:52 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





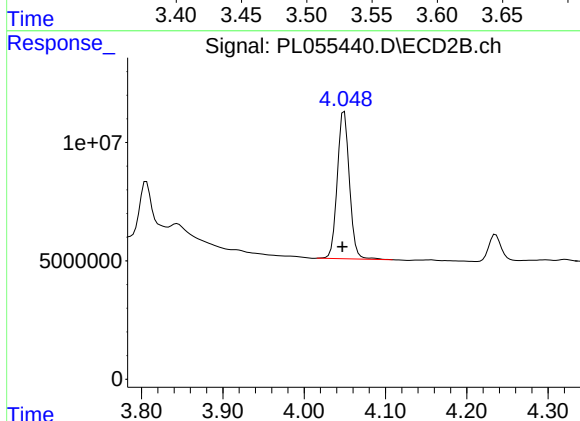
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 204895055
Conc: 19.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

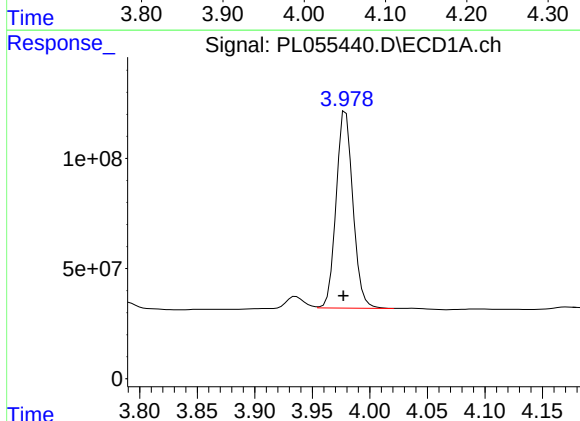
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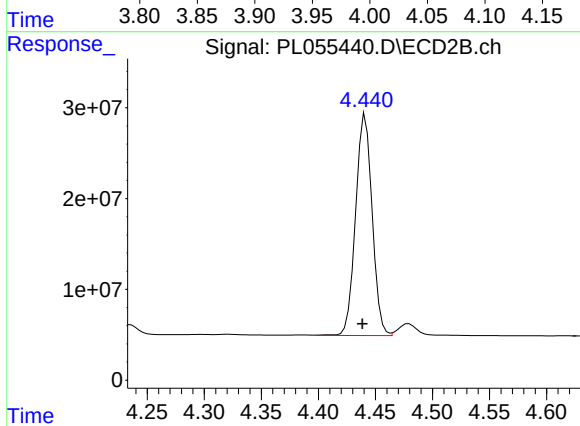
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 64418693
Conc: 24.38 ng/ml



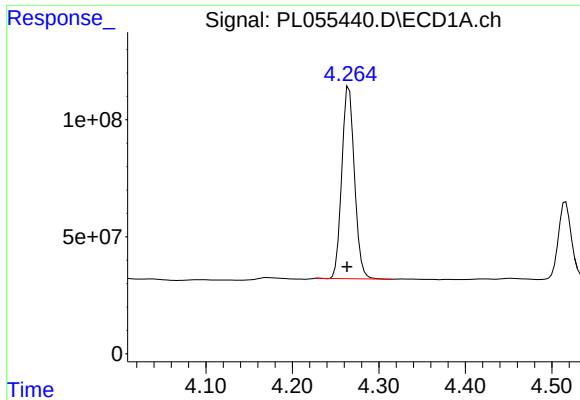
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 908805573
Conc: 52.24 ng/ml m



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.003 min
Response: 245404199
Conc: 66.64 ng/ml



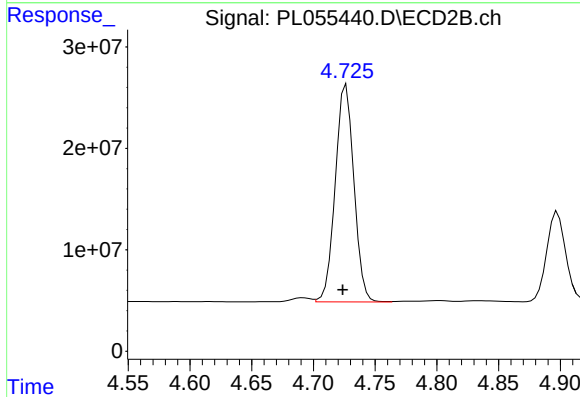
#3 gamma-BHC (Lindane)

R.T.: 4.266 min
Delta R.T.: 0.002 min
Response: 830073760
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

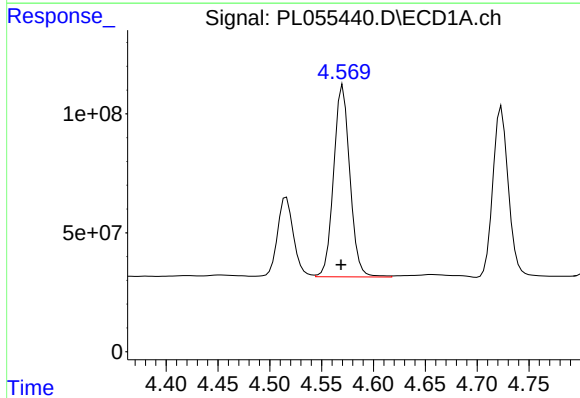
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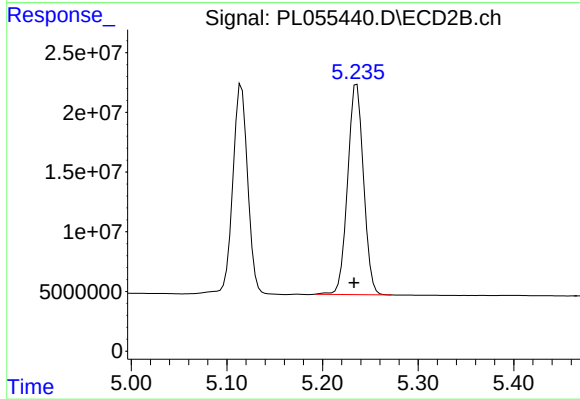
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 225439203
Conc: 65.94 ng/ml



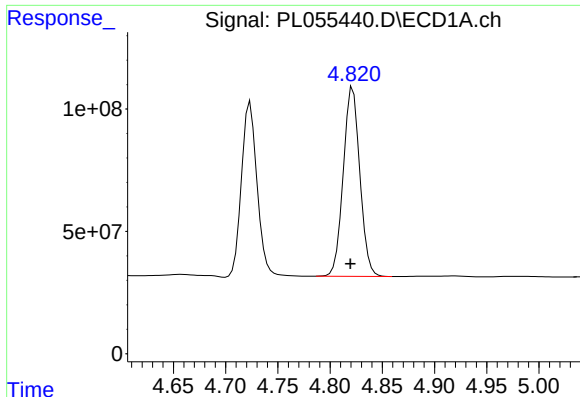
#4 Heptachlor

R.T.: 4.571 min
Delta R.T.: 0.002 min
Response: 879411759
Conc: 53.86 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 204591513
Conc: 65.03 ng/ml



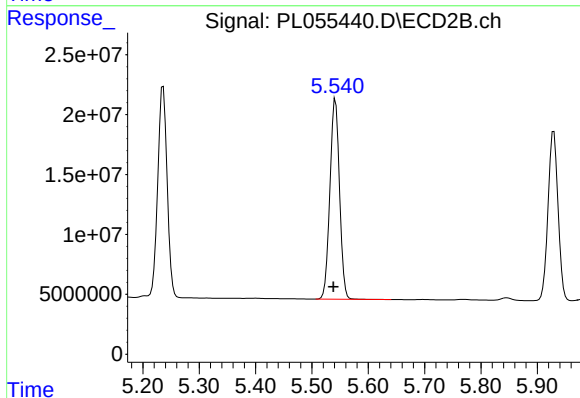
#5 Aldrin

R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 853594980
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

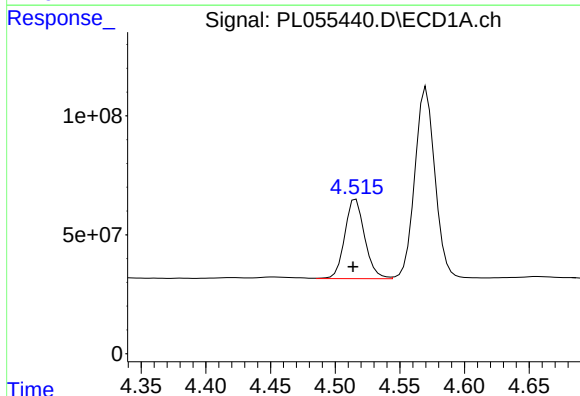
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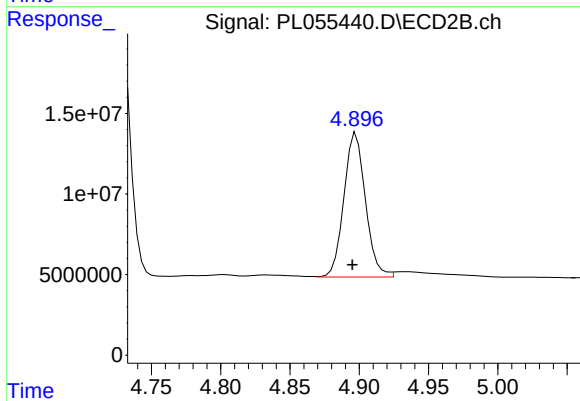
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.003 min
Response: 198936899
Conc: 69.09 ng/ml



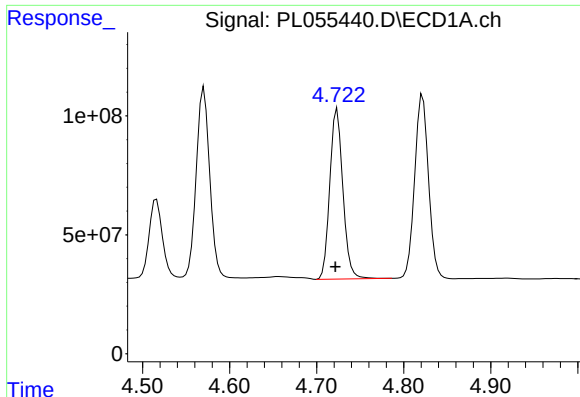
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 358362858
Conc: 52.26 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 96837836
Conc: 58.97 ng/ml



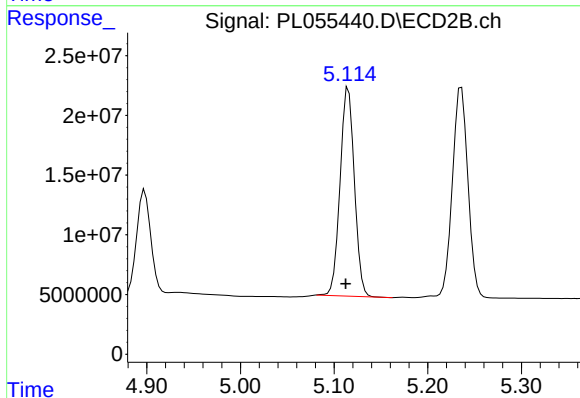
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 747915759
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

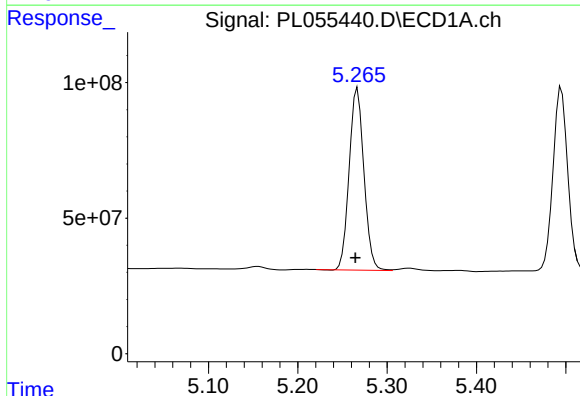
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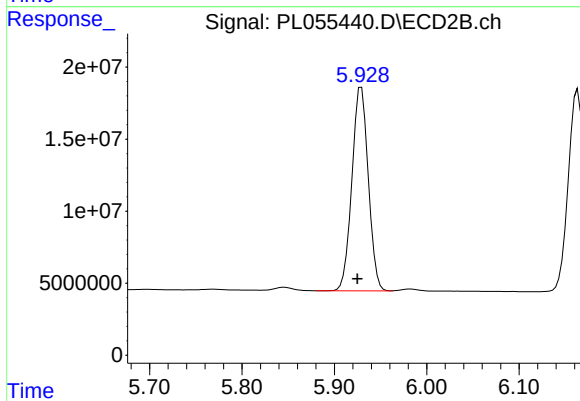
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 185880978
Conc: 66.47 ng/ml



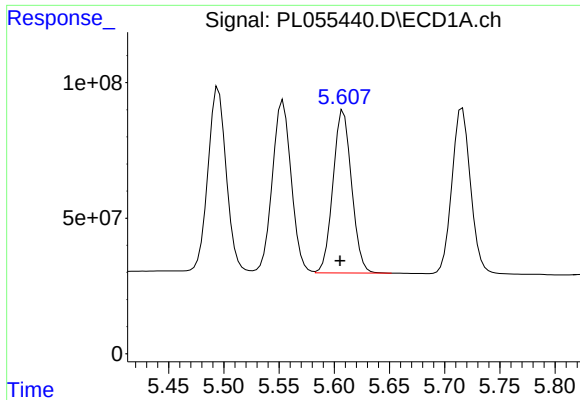
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 770091137
Conc: 53.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 174449175
Conc: 68.44 ng/ml



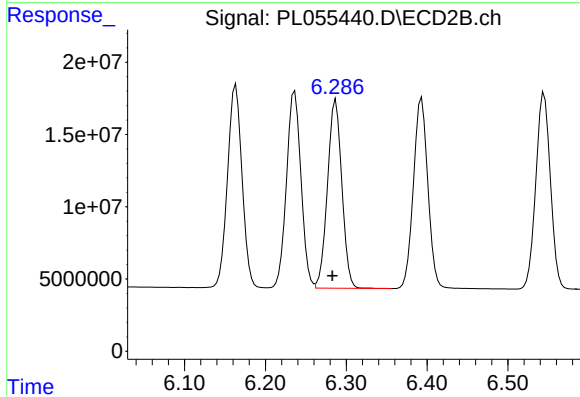
#9 Endosulfan I

R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 703653912
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

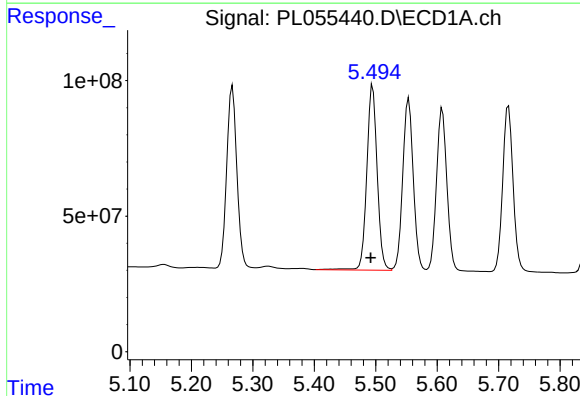
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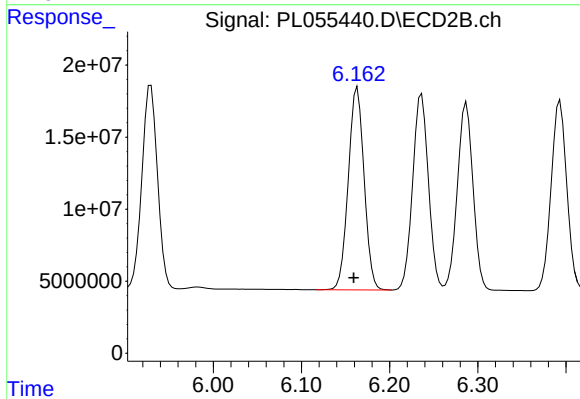
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 161341758
Conc: 65.14 ng/ml



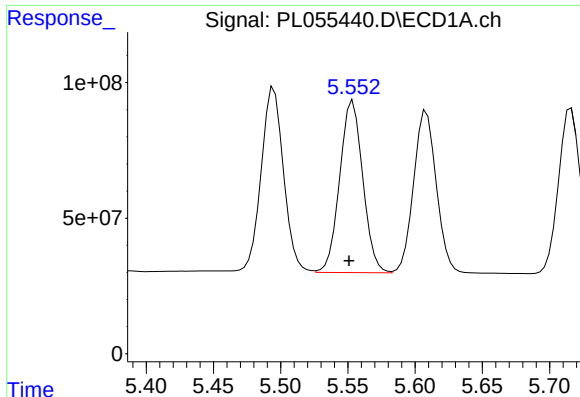
#10 gamma-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 802020081
Conc: 55.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.163 min
Delta R.T.: 0.004 min
Response: 175425663
Conc: 66.10 ng/ml



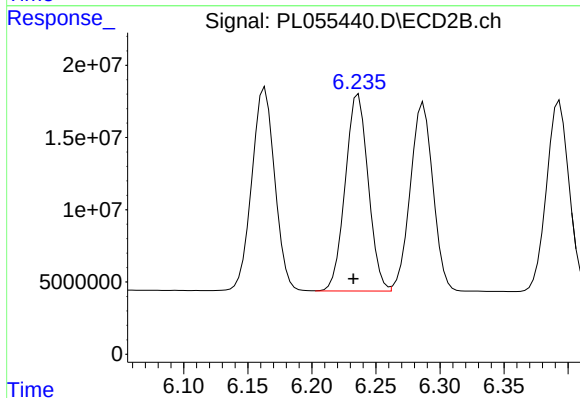
#11 alpha-Chlordane

R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 756118687
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

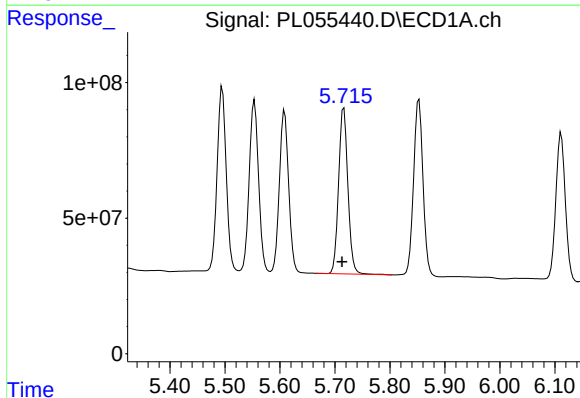
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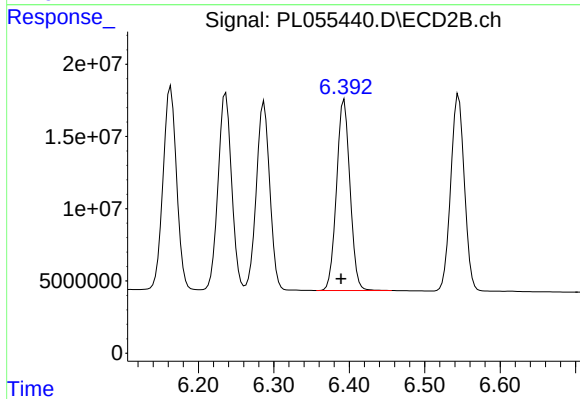
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 170007881
Conc: 64.83 ng/ml



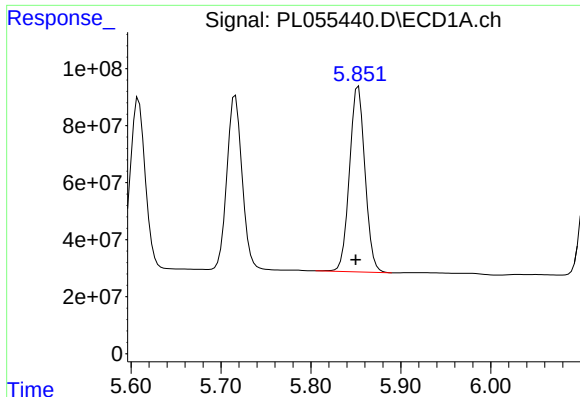
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 721505218
Conc: 54.14 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 163968942
Conc: 67.25 ng/ml



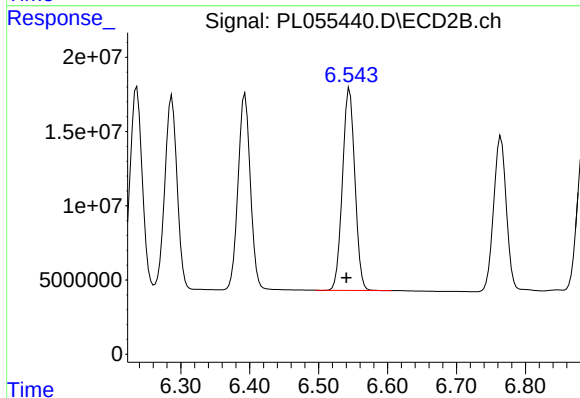
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 777988904
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

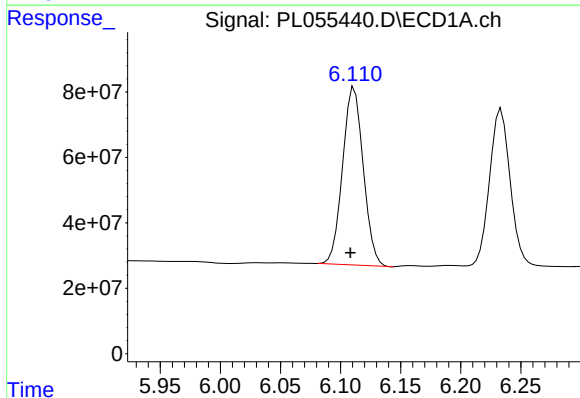
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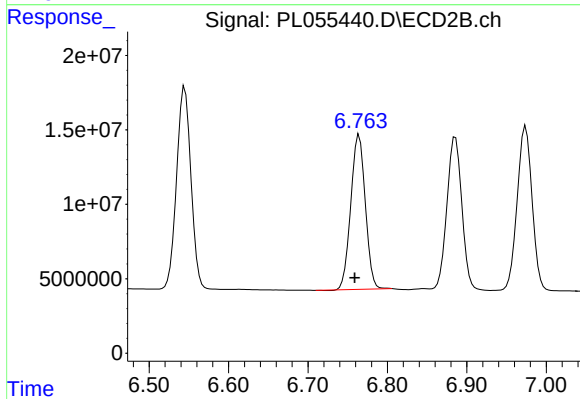
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 170576392
Conc: 66.84 ng/ml



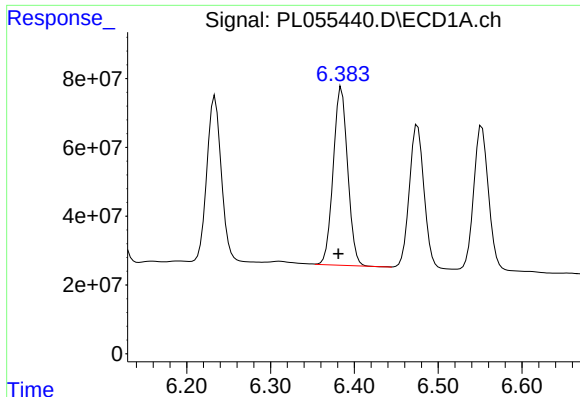
#14 Endrin

R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 652741442
Conc: 51.36 ng/ml



#14 Endrin

R.T.: 6.765 min
Delta R.T.: 0.006 min
Response: 132020481
Conc: 61.52 ng/ml



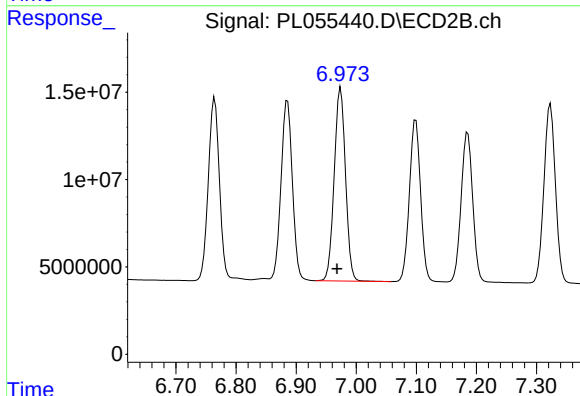
#15 Endosulfan II

R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 620264475
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

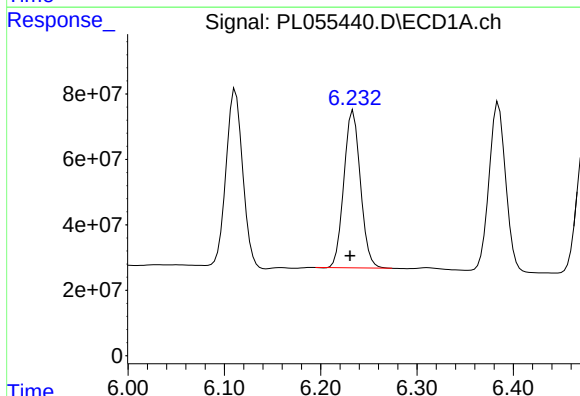
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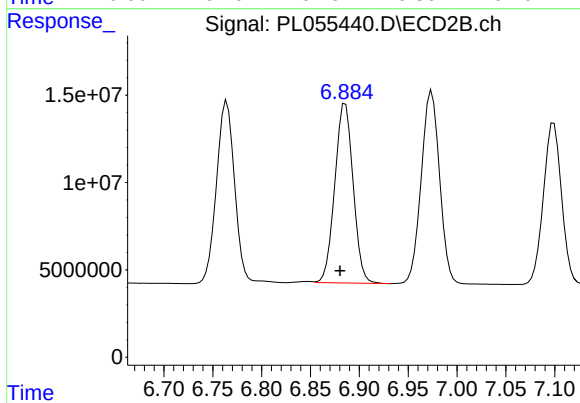
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.006 min
Response: 144666687
Conc: 61.02 ng/ml



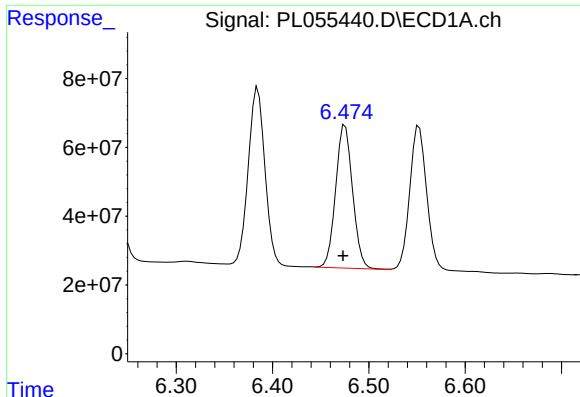
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 571554540
Conc: 59.51 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: 0.005 min
Response: 134338348
Conc: 70.66 ng/ml



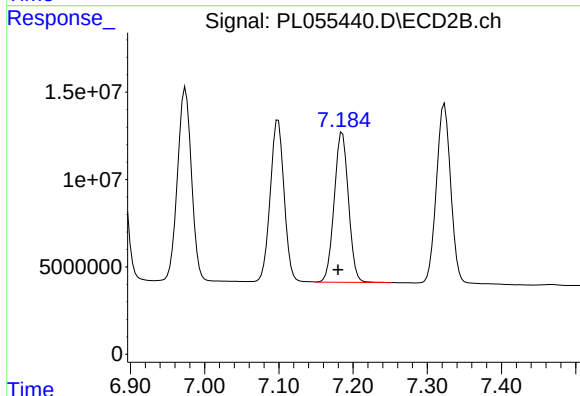
#17 4,4'-DDT

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 508059156
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

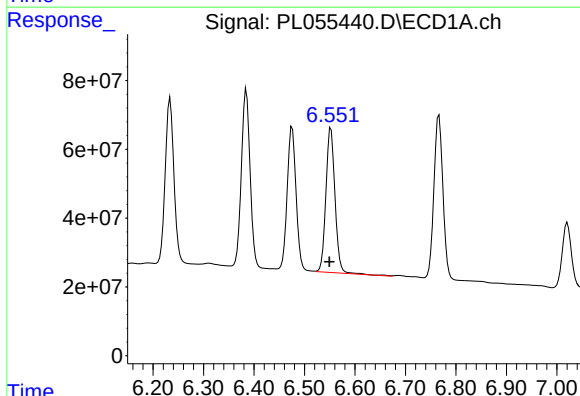
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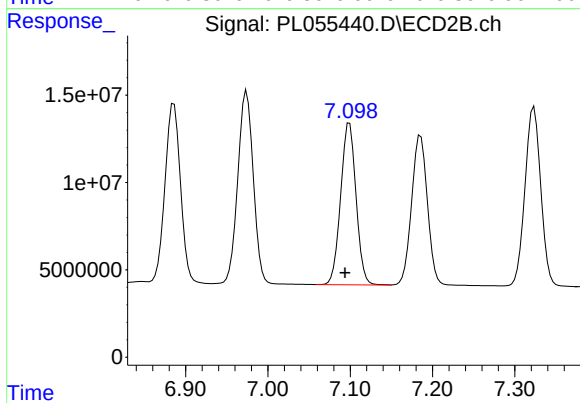
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.006 min
Response: 114605803
Conc: 58.39 ng/ml



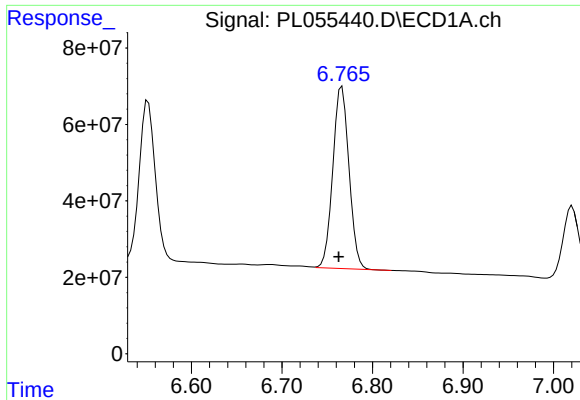
#18 Endrin aldehyde

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 524557403
Conc: 53.86 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: 0.006 min
Response: 120432070
Conc: 62.40 ng/ml



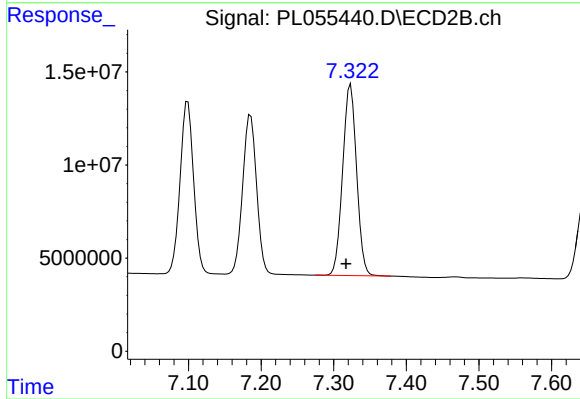
#19 Endosulfan Sulfate

R.T.: 6.766 min
Delta R.T.: 0.004 min
Response: 587545660
Conc: 58.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

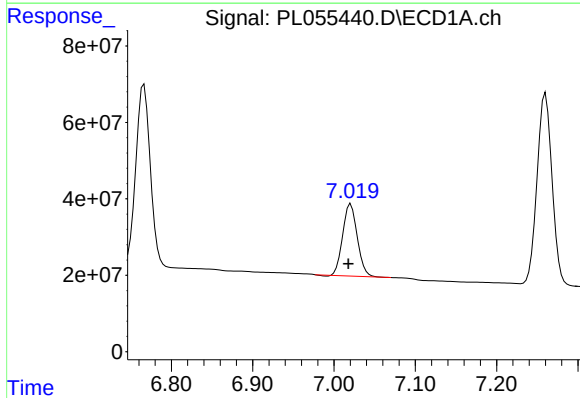
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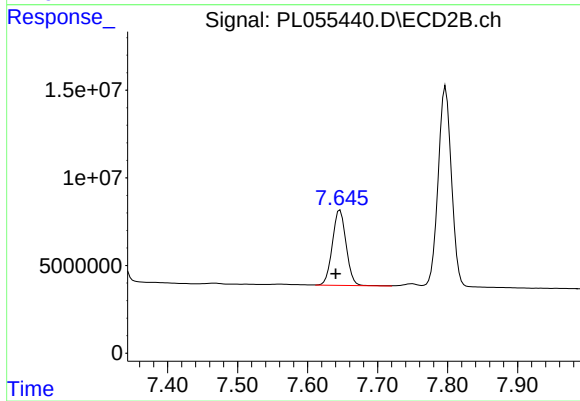
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.006 min
Response: 136838088
Conc: 65.52 ng/ml



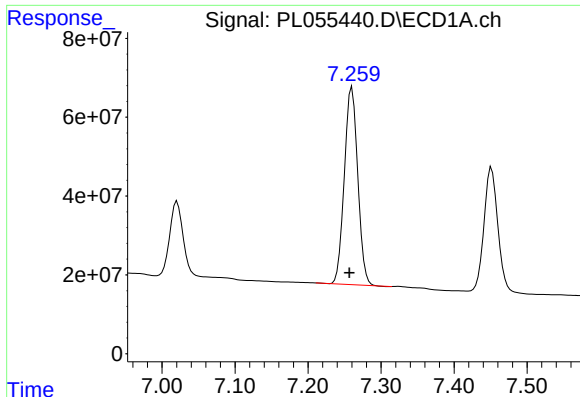
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 233751896
Conc: 48.50 ng/ml



#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: 0.006 min
Response: 58637892
Conc: 54.33 ng/ml



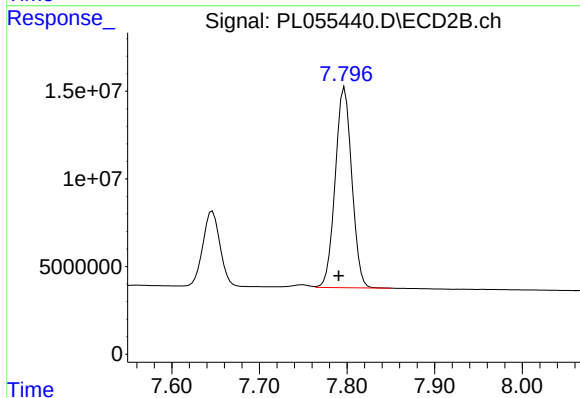
#21 Endrin ketone

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 637025113
Conc: 60.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

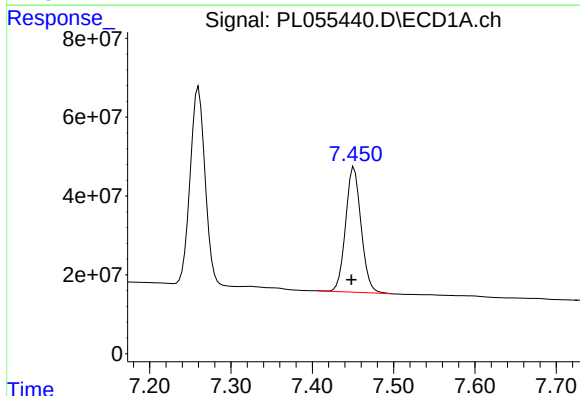
Manual Integrations
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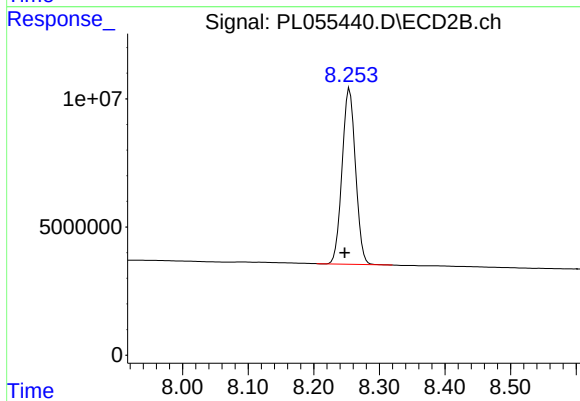
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.007 min
Response: 150298092
Conc: 67.49 ng/ml



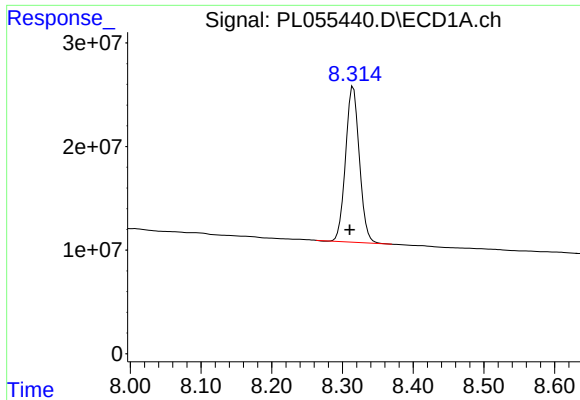
#22 Mirex

R.T.: 7.451 min
Delta R.T.: 0.003 min
Response: 418567778
Conc: 54.95 ng/ml



#22 Mirex

R.T.: 8.255 min
Delta R.T.: 0.008 min
Response: 97600710
Conc: 58.86 ng/ml



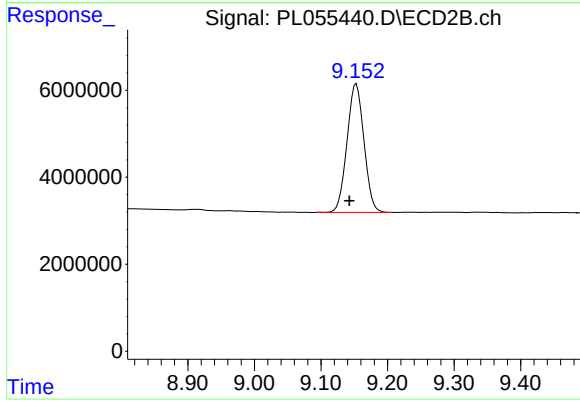
#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 203944867
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-O1-122719MSD

Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:51 PM



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: 0.010 min
Response: 52303349
Conc: 23.69 ng/ml