

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032919\
 Data File : PL046755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2019 21:21
 Operator : AJ\SJ
 Sample : K1697-14MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-02-032719-AMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 23:21:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.359	3.977	136.2E6	46503118	18.717	20.311
2)	SA Decachlor...	8.035	9.029	136.9E6	40831358	16.282	17.611
Target Compounds							
2)	A alpha-BHC	3.788	4.367	635.2E6	184.5E6	54.466	57.420
3)	MA gamma-BHC...	4.065	4.651	586.7E6	166.1E6	54.606	55.490
4)	MA Heptachlor	4.352	5.157	608.4E6	176.2E6	55.179	57.272
5)	MB Aldrin	4.592	5.462	586.8E6	170.6E6	56.884	59.530
6)	B beta-BHC	4.318	4.824	239.9E6	77482490	53.283	58.447
7)	B delta-BHC	4.513	5.040	553.4E6	147.5E6	54.670	63.579
8)	B Heptachlo...	5.029	5.847	547.6E6	158.4E6	56.145	60.066
9)	A Endosulfan I	5.361	6.204	515.4E6	150.0E6	54.817	57.481
10)	B gamma-Chl...	5.252	6.082	564.1E6	164.1E6	54.912	57.813
11)	B alpha-Chl...	5.308	6.154	551.7E6	162.3E6	54.410	57.222
12)	B 4,4'-DDE	5.474	6.312	524.9E6	144.7E6	57.009m	58.310
13)	MA Dieldrin	5.600	6.460	563.1E6	155.9E6	56.112	57.496
14)	MA Endrin	5.853	6.678	492.1E6	125.8E6	52.243	52.632
15)	B Endosulfa...	6.128	6.888	485.4E6	138.4E6	54.175	57.355
16)	A 4,4'-DDD	5.986	6.802	445.0E6	123.7E6	58.869	61.483
17)	MA 4,4'-DDT	6.221	7.099	387.8E6	112.5E6	51.203	53.655
18)	B Endrin al...	6.294	7.011	399.9E6	116.4E6	53.358	54.812
19)	B Endosulfa...	6.506	7.234	468.9E6	135.7E6	57.107	57.528
20)	A Methoxychlor	6.766	7.558	209.3E6	64955862	49.245	50.955
21)	B Endrin ke...	6.988	7.703	542.1E6	148.9E6	58.625m	59.923
22)	Mirex	7.165	8.156	374.1E6	112.4E6	51.348	56.210

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032919\
Data File : PL046755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2019 21:21
Operator : AJ\SJ
Sample : K1697-14MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

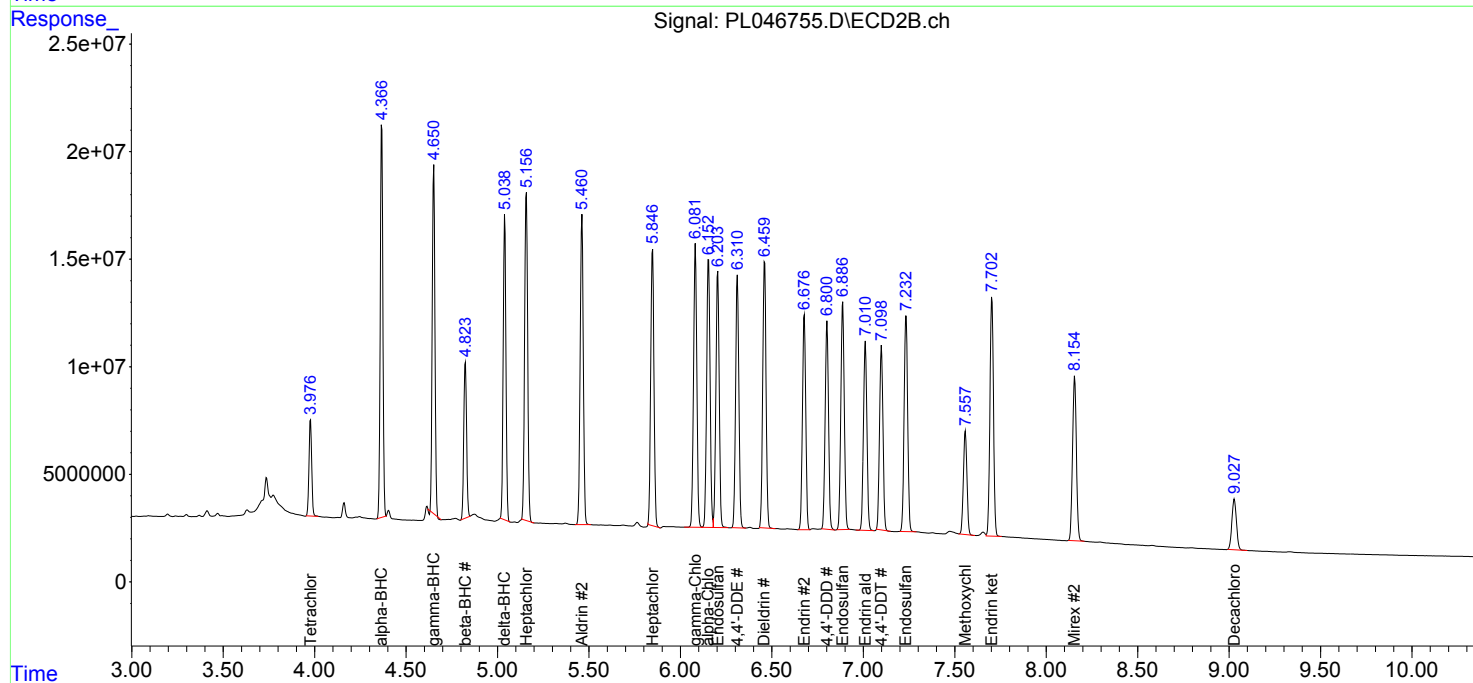
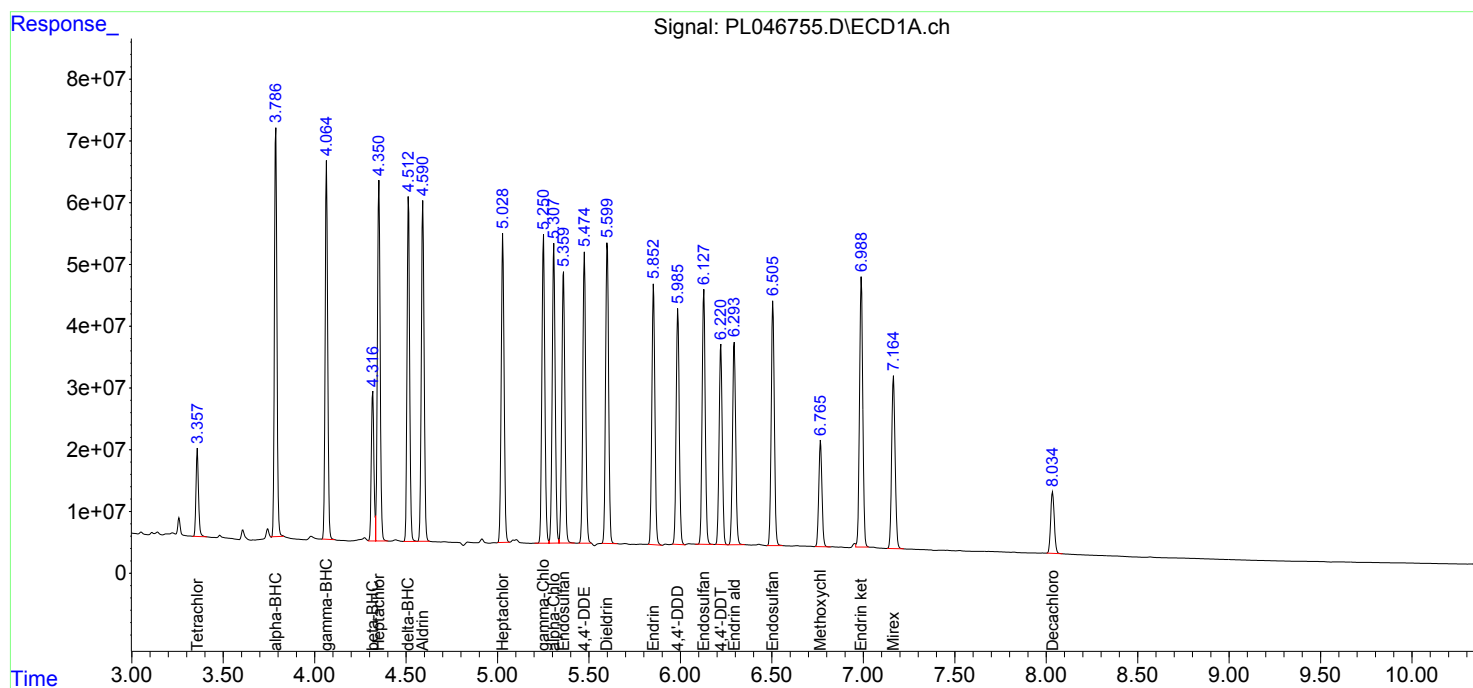
Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

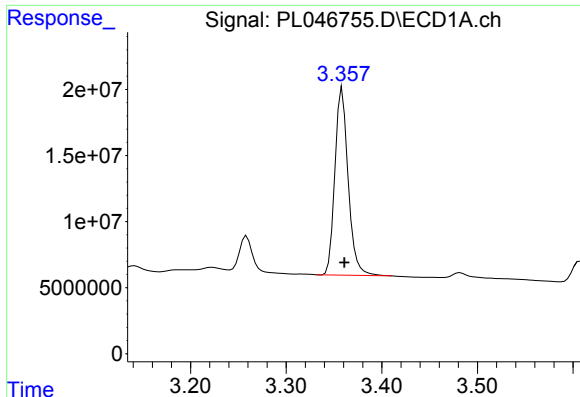
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 23:21:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Volume 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





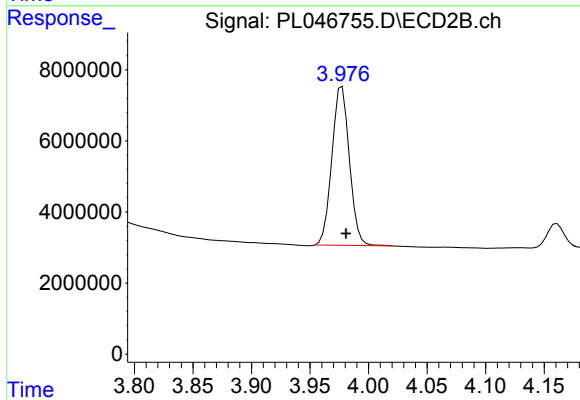
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 136161108
Conc: 18.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

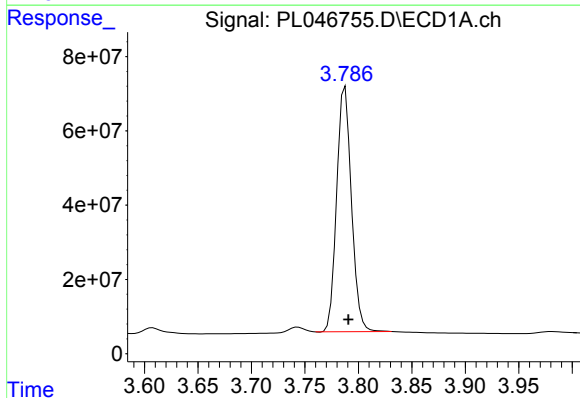
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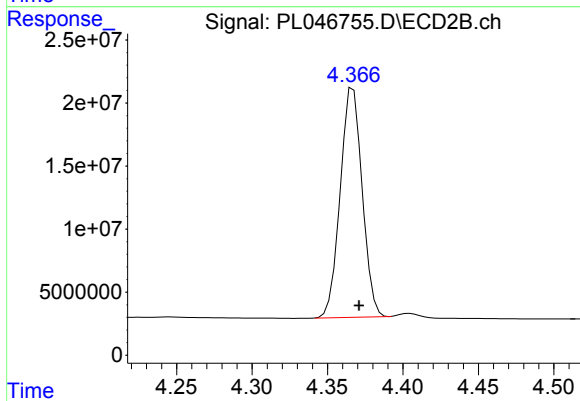
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 46503118
Conc: 20.31 ng/ml



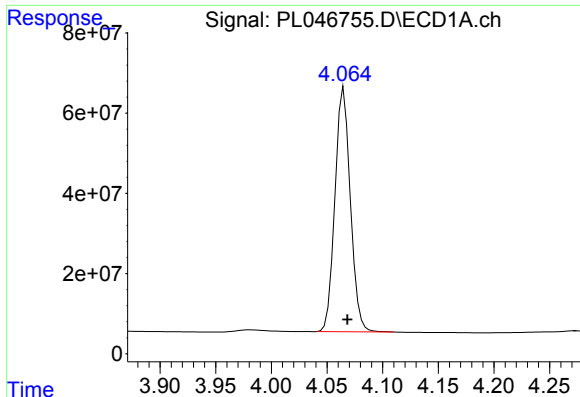
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 635183886
Conc: 54.47 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 184508743
Conc: 57.42 ng/ml



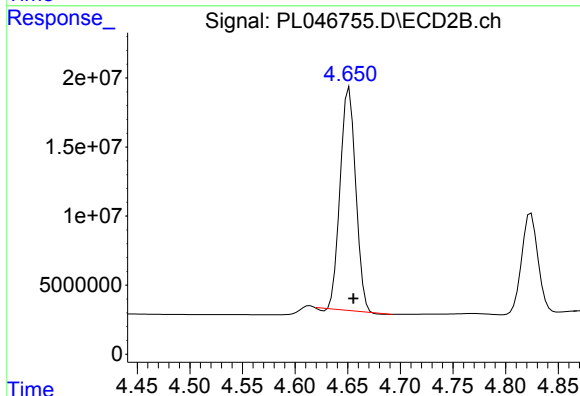
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 586719597
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

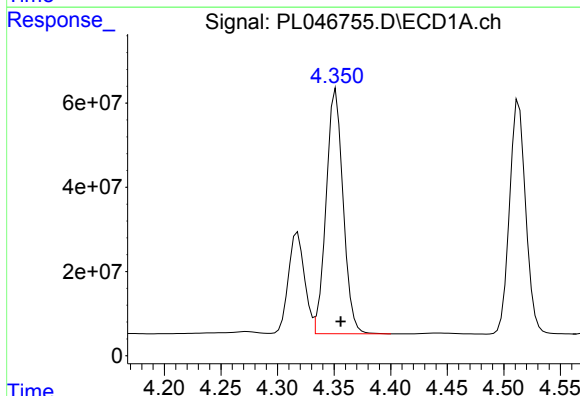
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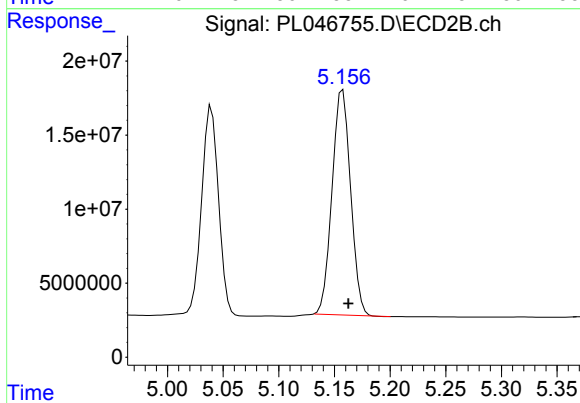
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 166081521
Conc: 55.49 ng/ml



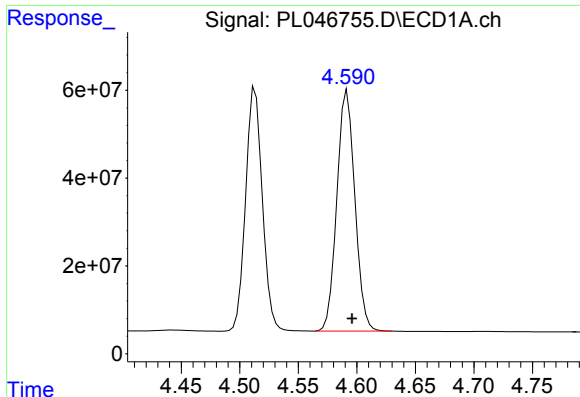
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 608355528
Conc: 55.18 ng/ml



#4 Heptachlor

R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 176162192
Conc: 57.27 ng/ml



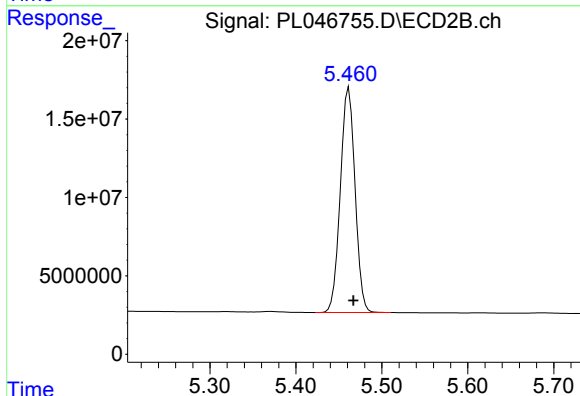
#5 Aldrin

R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 586751507
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

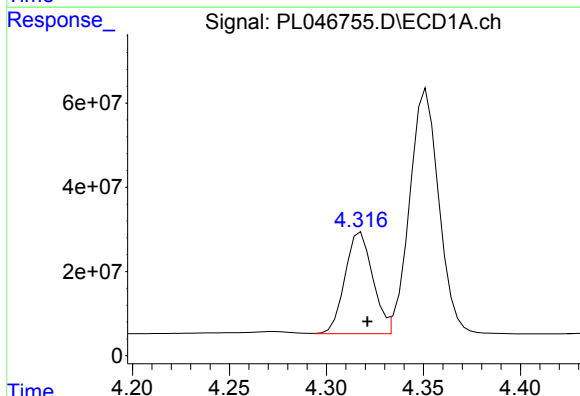
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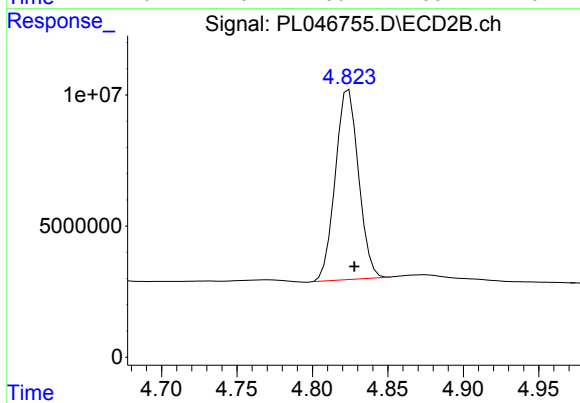
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 170550265
Conc: 59.53 ng/ml



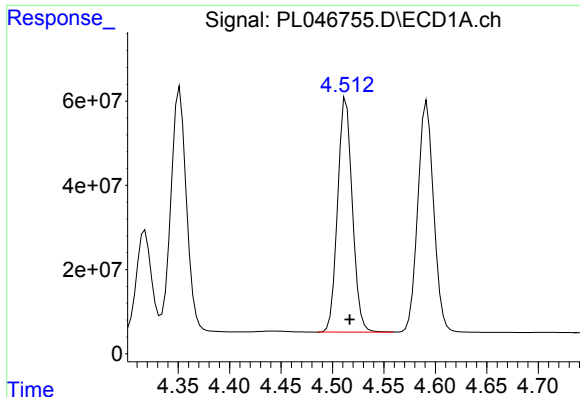
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 239901079
Conc: 53.28 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 77482490
Conc: 58.45 ng/ml



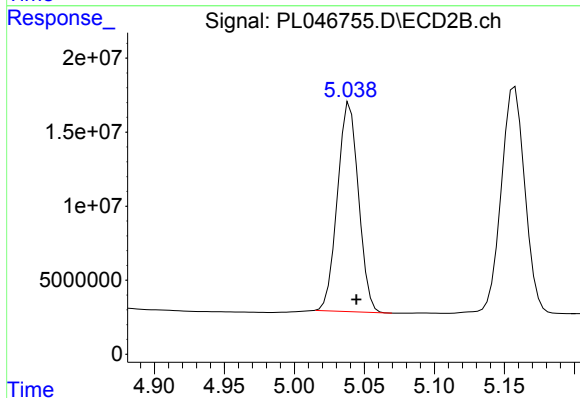
#7 delta-BHC

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 553426037
Conc: 54.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

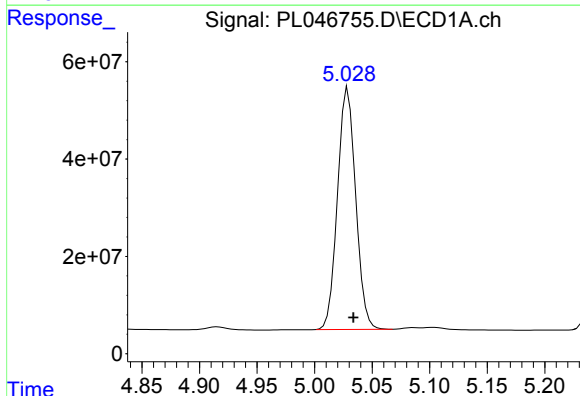
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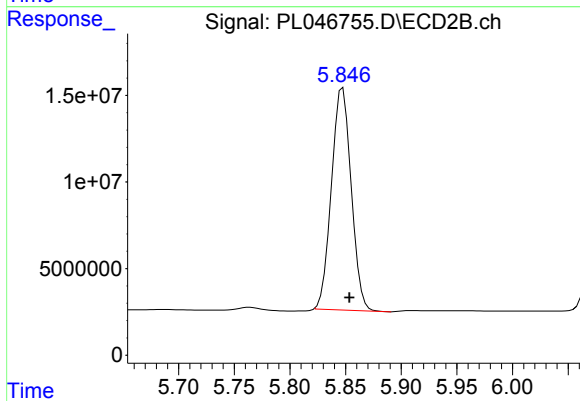
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 147514174
Conc: 63.58 ng/ml



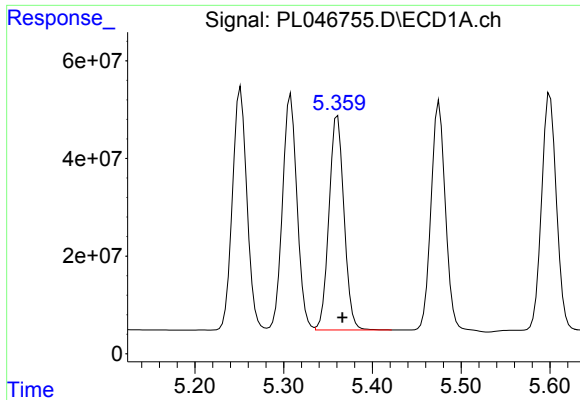
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 547613803
Conc: 56.15 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 158406428
Conc: 60.07 ng/ml



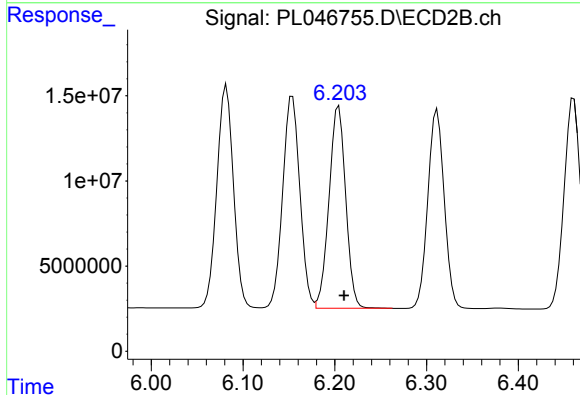
#9 Endosulfan I

R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 515407980
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

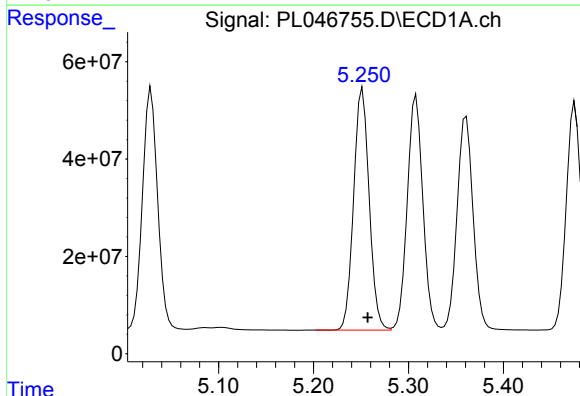
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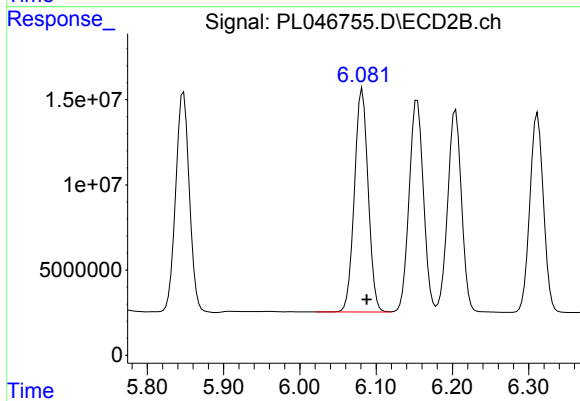
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 150017724
Conc: 57.48 ng/ml



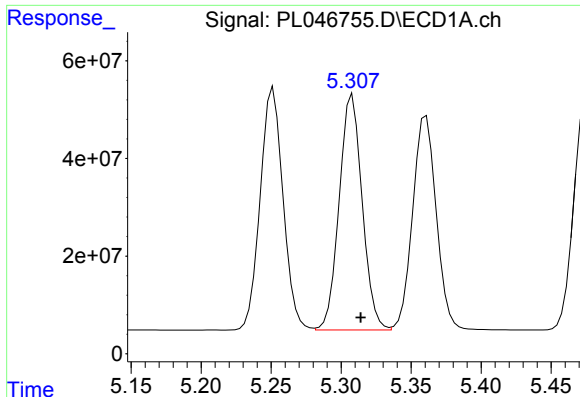
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 564088747
Conc: 54.91 ng/ml



#10 gamma-Chlordane

R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 164076973
Conc: 57.81 ng/ml



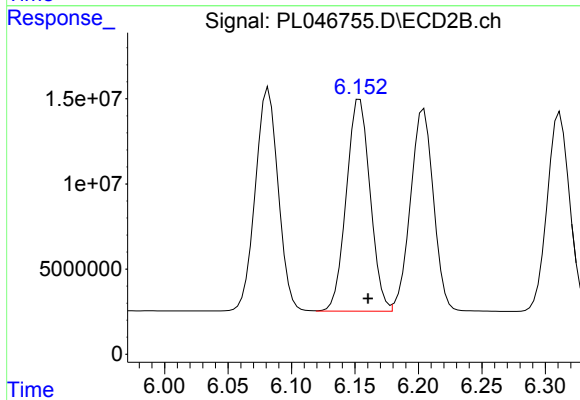
#11 alpha-Chlordane

R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 551662950
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

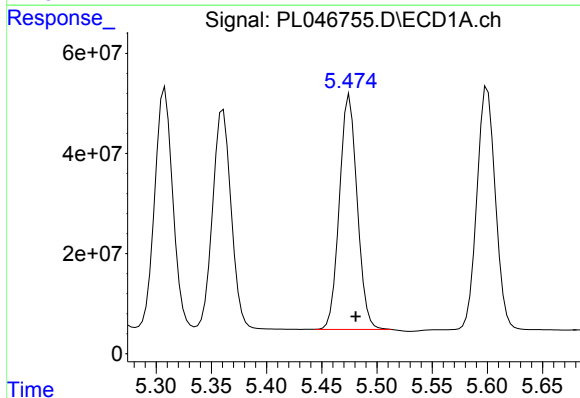
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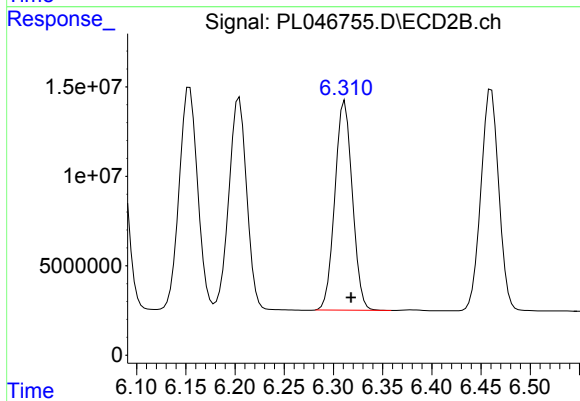
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 162320673
Conc: 57.22 ng/ml



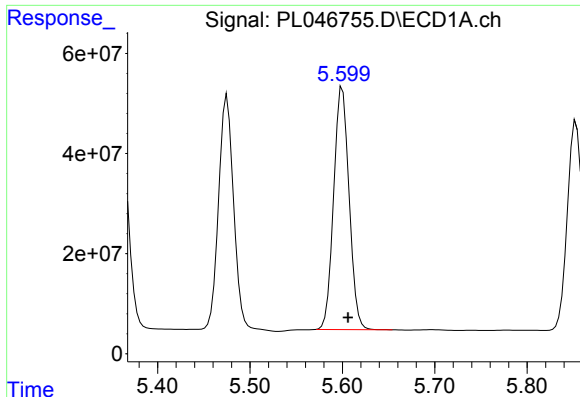
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 524880902
Conc: 57.01 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 144744927
Conc: 58.31 ng/ml



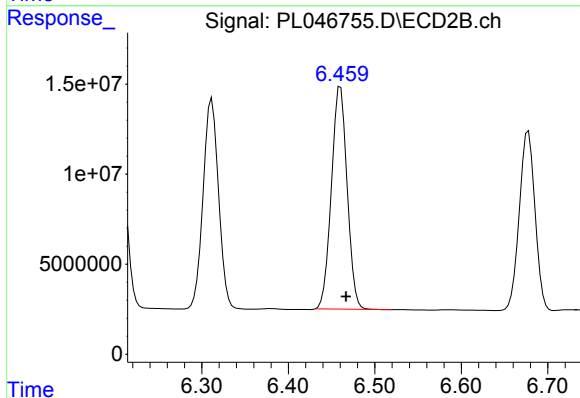
#13 Dieldrin

R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 563113297
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

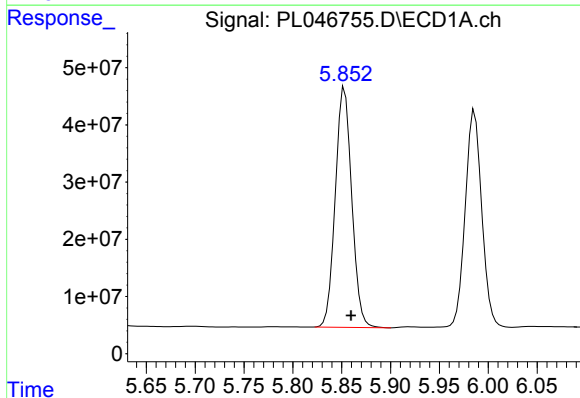
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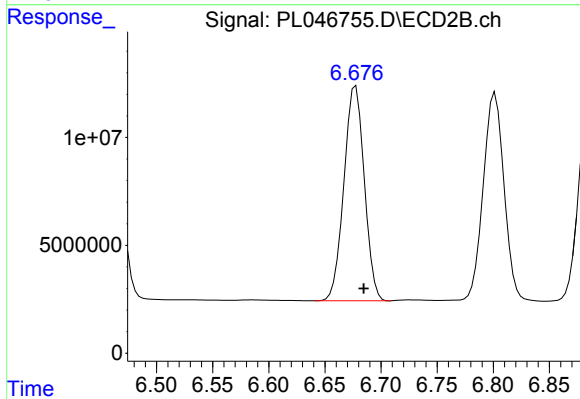
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 155853424
Conc: 57.50 ng/ml



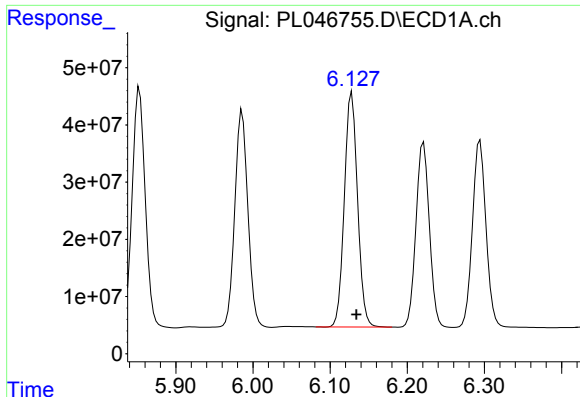
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.007 min
Response: 492088454
Conc: 52.24 ng/ml



#14 Endrin

R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 125777775
Conc: 52.63 ng/ml



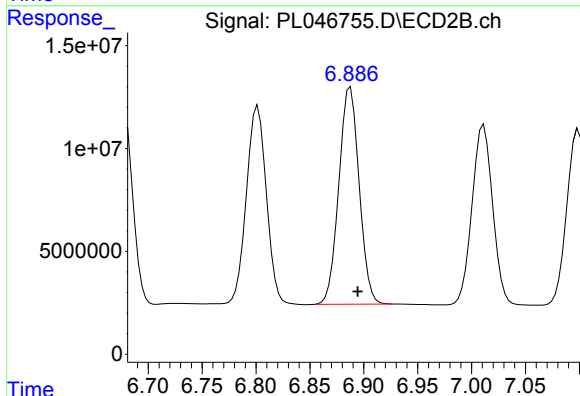
#15 Endosulfan II

R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 485387159
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

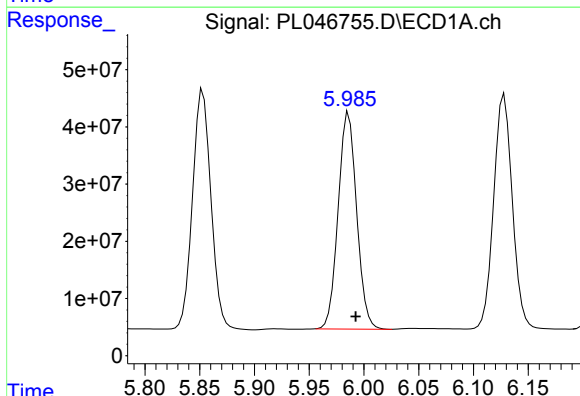
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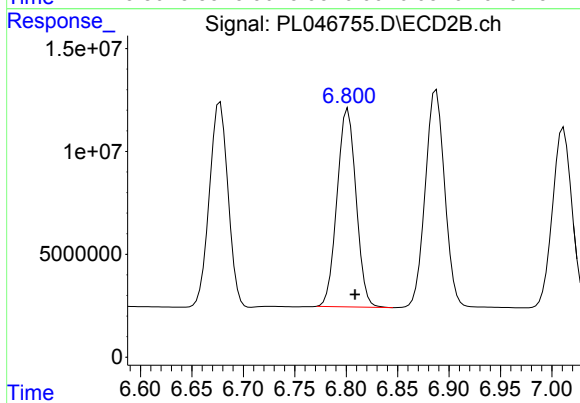
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 138392471
Conc: 57.36 ng/ml



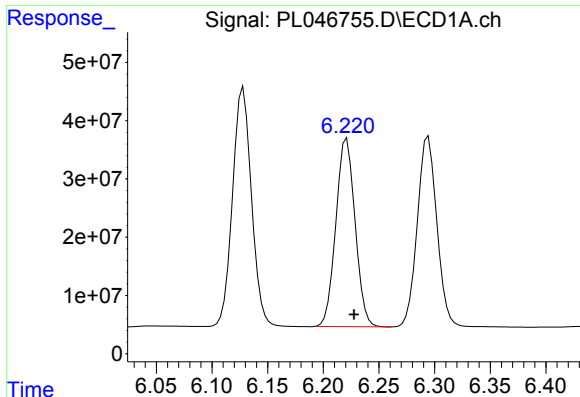
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 444994914
Conc: 58.87 ng/ml



#16 4,4'-DDD

R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 123705951
Conc: 61.48 ng/ml



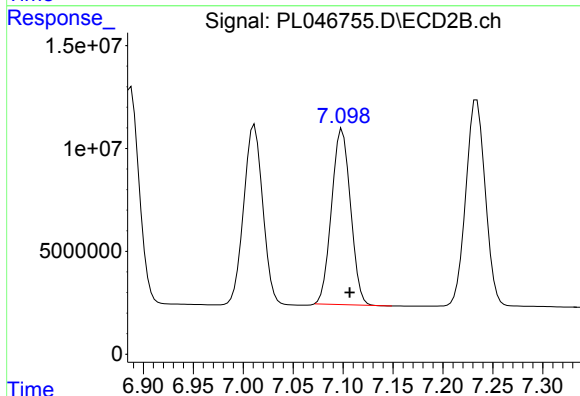
#17 4,4'-DDT

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 387826083
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

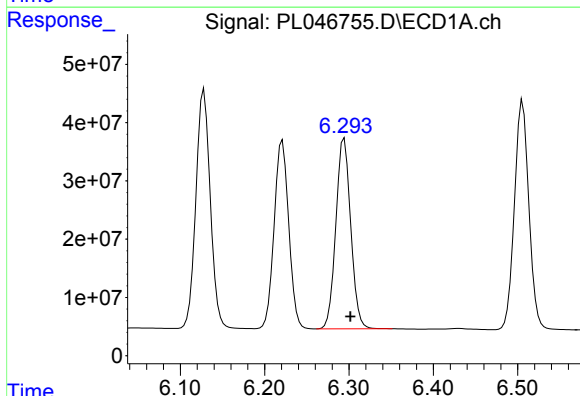
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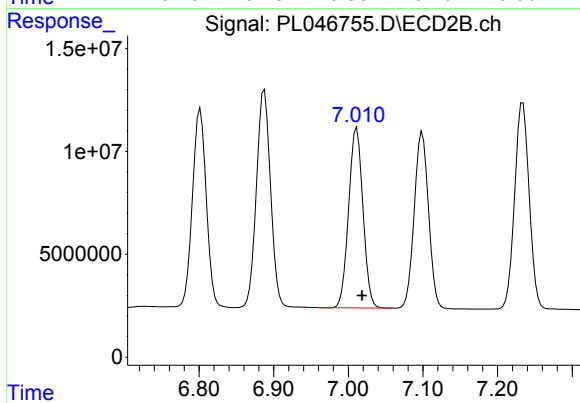
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 112511392
Conc: 53.65 ng/ml



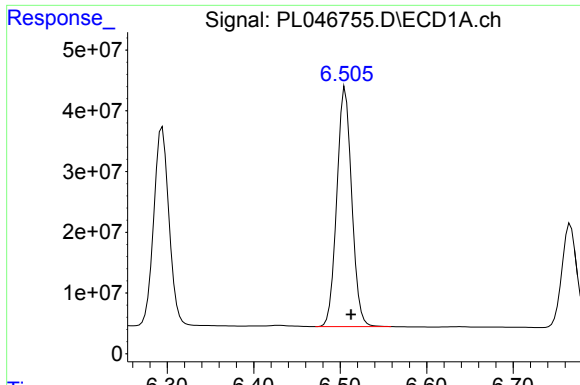
#18 Endrin aldehyde

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 399929222
Conc: 53.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: -0.007 min
Response: 116421266
Conc: 54.81 ng/ml



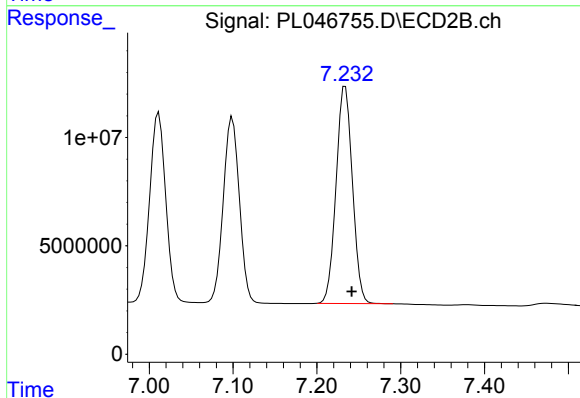
#19 Endosulfan Sulfate

R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 468920341
Conc: 57.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

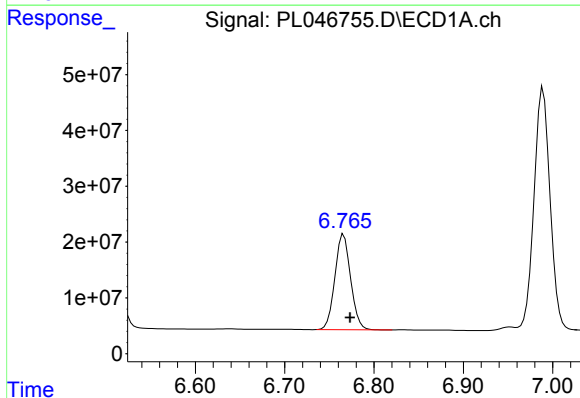
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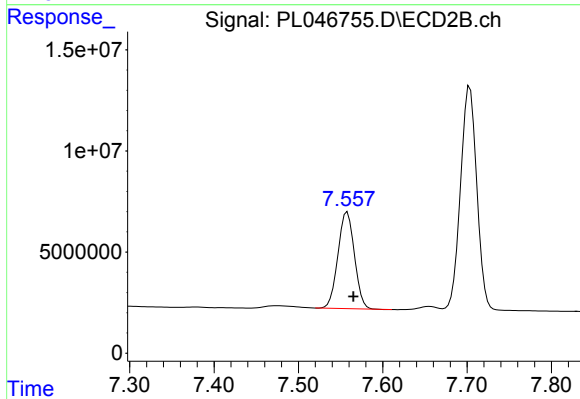
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 135708664
Conc: 57.53 ng/ml



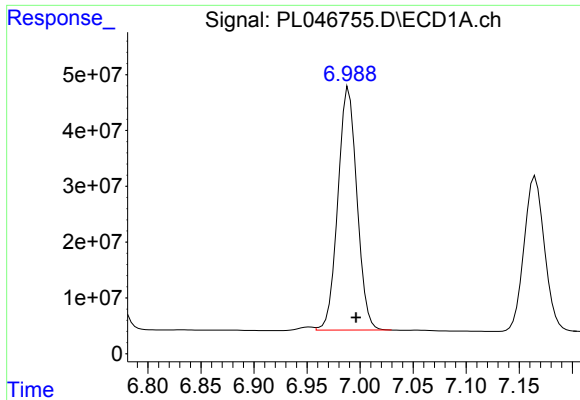
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 209284049
Conc: 49.24 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: -0.007 min
Response: 64955862
Conc: 50.95 ng/ml



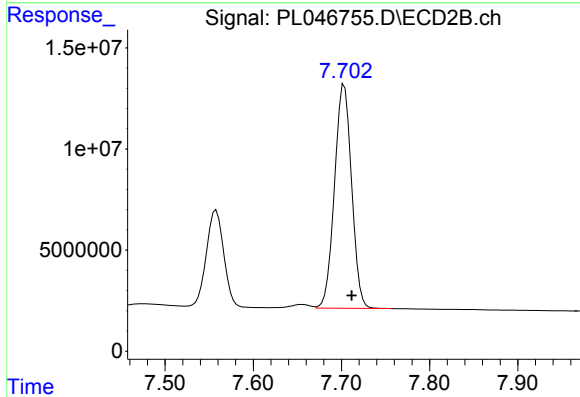
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 542095573
Conc: 58.63 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

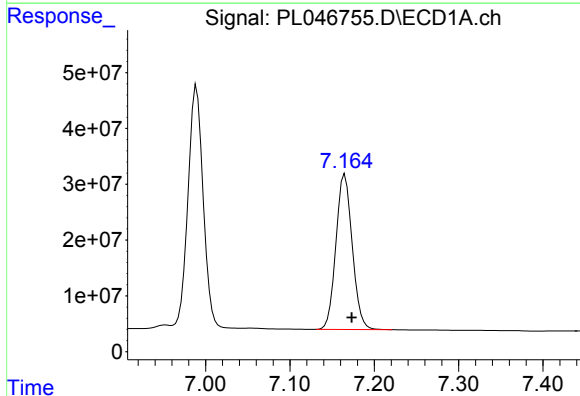
Manual Integrations
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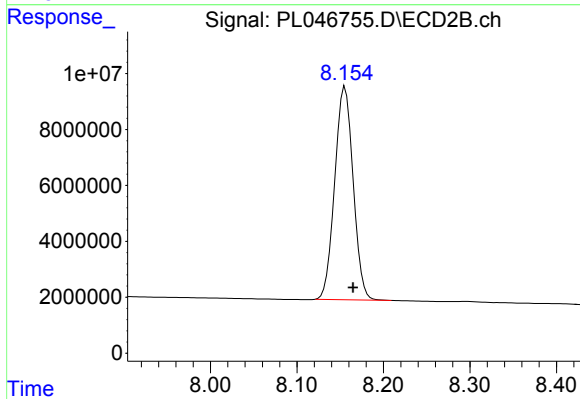
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: -0.009 min
Response: 148881809
Conc: 59.92 ng/ml



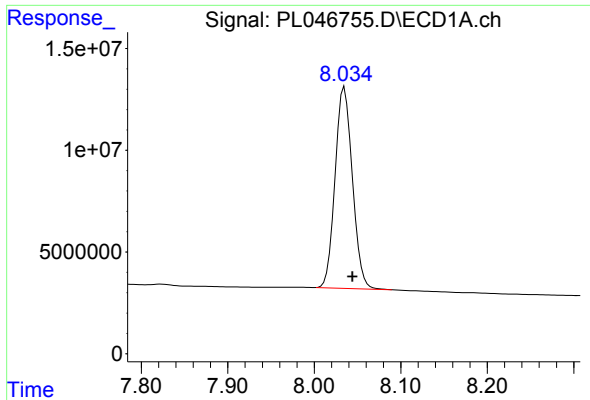
#22 Mirex

R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 374099113
Conc: 51.35 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 112430670
Conc: 56.21 ng/ml



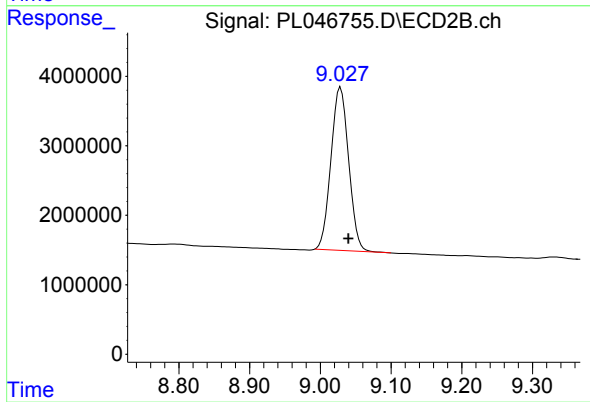
#28 Decachlorobiphenyl

R.T.: 8.035 min
Delta R.T.: -0.009 min
Response: 136944920
Conc: 16.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-032719-AMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: -0.011 min
Response: 40831358
Conc: 17.61 ng/ml