

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
 Data File : PL055365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2019 12:00
 Operator : SG\AJ
 Sample : K6118-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-01-122319MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 00:51:26 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...	3.536	4.048	206.8E6	63617650	19.664	24.077
28)	SA Decachlor...	8.315	9.151	201.2E6	50281596	21.681	22.778
Target Compounds							
2)	A alpha-BHC	3.977	4.440	846.3E6	213.6E6	48.645m	57.986
3)	MA gamma-BHC...	4.265	4.725	792.0E6	206.7E6	48.037	60.462 #
4)	MA Heptachlor	4.570	5.235	833.9E6	185.1E6	51.071	58.850
5)	MB Aldrin	4.821	5.540	813.2E6	177.3E6	53.255	61.561
6)	B beta-BHC	4.516	4.896	353.9E6	90474873	51.602	55.094
7)	B delta-BHC	4.724	5.112	451.4E6	103.5E6	29.825	37.021m
8)	B Heptachlo...	5.267	5.928	758.0E6	160.7E6	53.047	63.032
9)	A Endosulfan I	5.609	6.286	689.7E6	150.2E6	52.201	60.659
10)	B gamma-Chl...	5.495	6.162	788.6E6	162.2E6	54.128	61.103
11)	B alpha-Chl...	5.554	6.235	744.5E6	158.2E6	52.877	60.347
12)	B 4,4'-DDE	5.717	6.393	721.0E6	153.1E6	54.105	62.807
13)	MA Dieldrin	5.853	6.544	758.8E6	157.9E6	54.355	61.864
14)	MA Endrin	6.112	6.762	679.0E6	124.0E6	53.427	57.771
15)	B Endosulfa...	6.385	6.973	611.6E6	136.6E6	52.111	57.610
16)	A 4,4'-DDD	6.234	6.884	560.1E6	123.9E6	58.314	65.192
17)	MA 4,4'-DDT	6.476	7.185	513.3E6	110.1E6	50.985	56.110
18)	B Endrin al...	6.553	7.097	517.1E6	113.1E6	53.099	58.608
19)	B Endosulfa...	6.767	7.322	550.1E6	119.7E6	54.691	57.336
20)	A Methoxychlor	7.022	7.645	253.1E6	56984536	52.520	52.799
21)	B Endrin ke...	7.261	7.796	633.4E6	138.8E6	60.425	62.333
22)	Mirex	7.453	8.253	396.7E6	93793306	52.080	56.568

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
Data File : PL055365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Dec 2019 12:00
Operator : SG\AJ
Sample : K6118-13MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

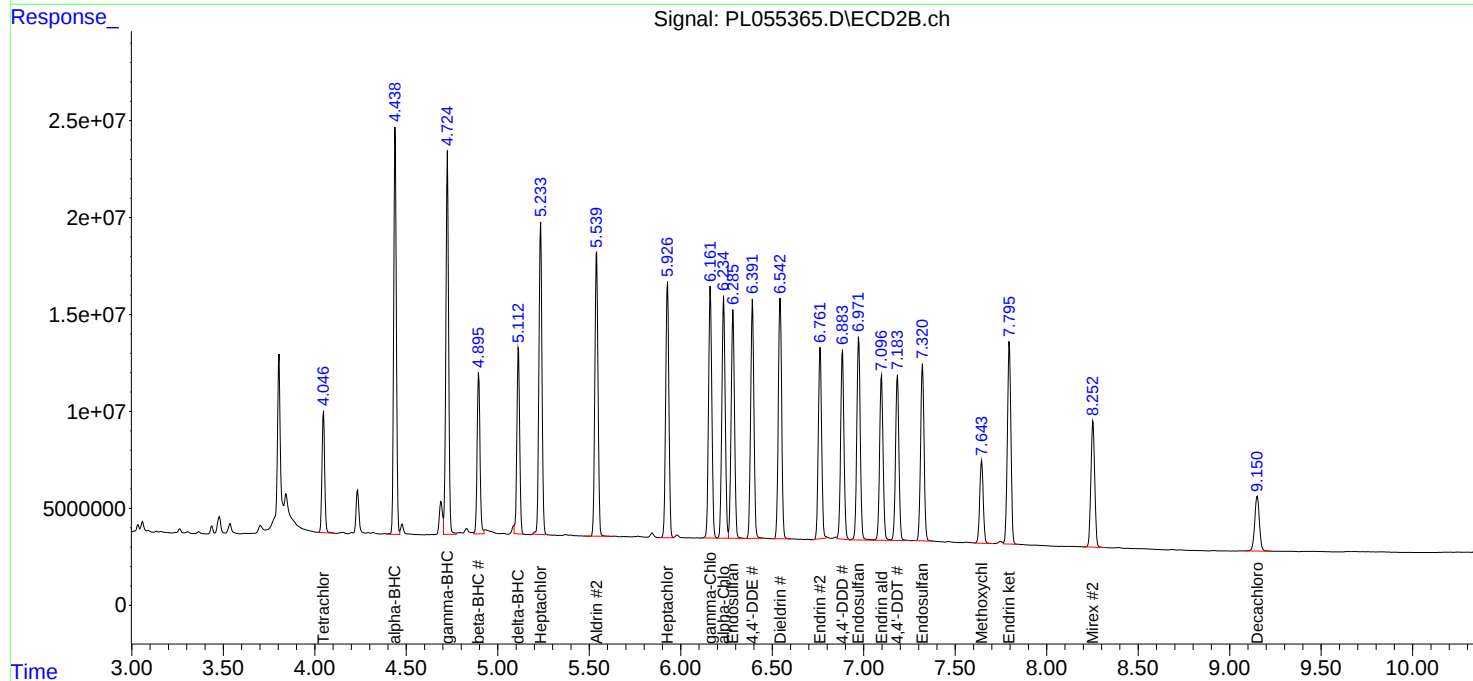
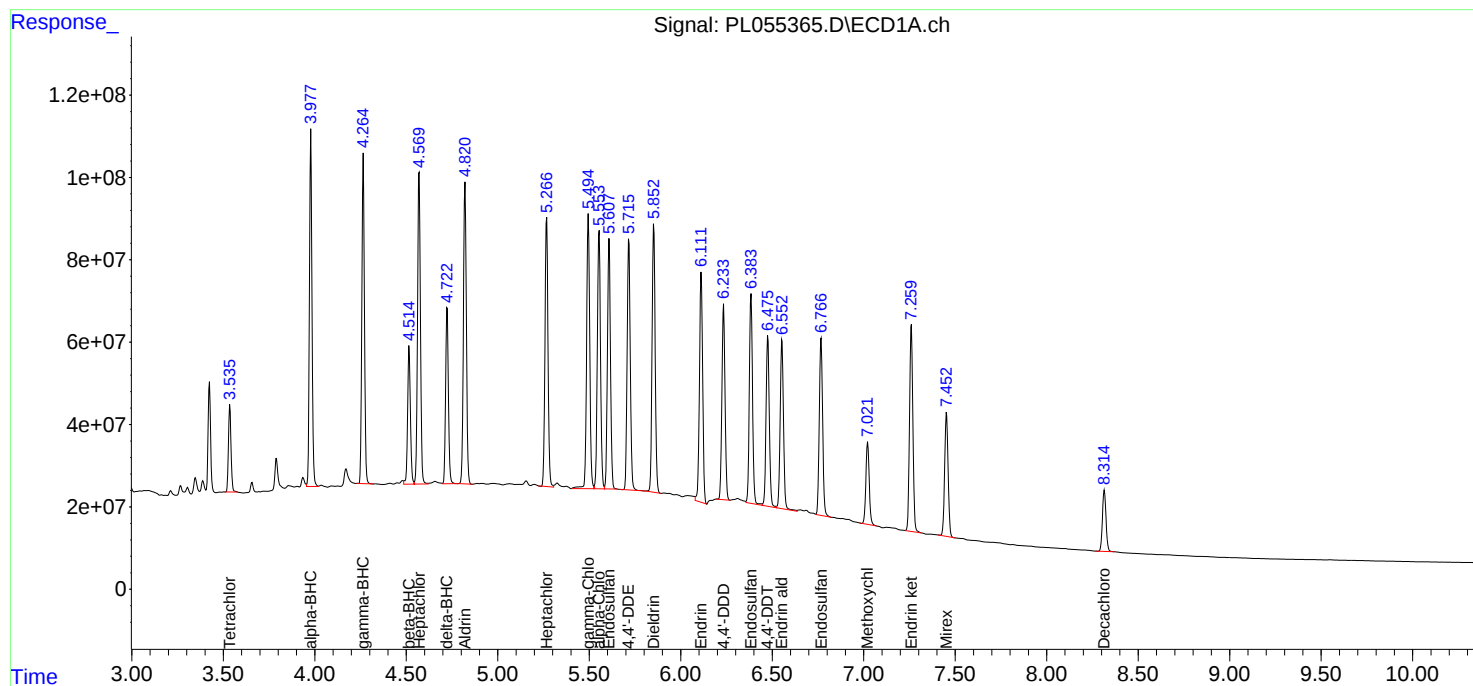
Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

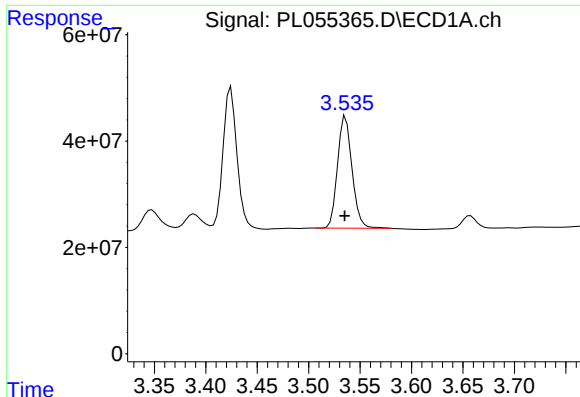
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 00:51:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





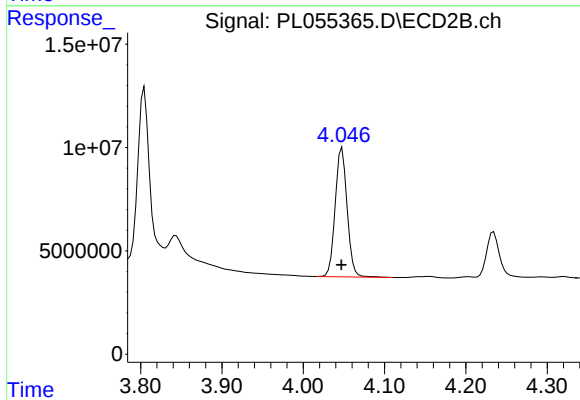
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 206792590
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

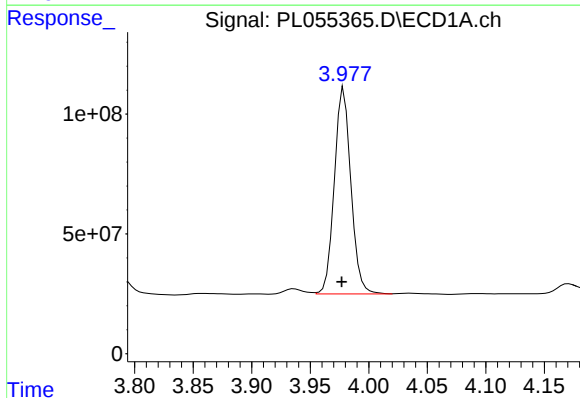
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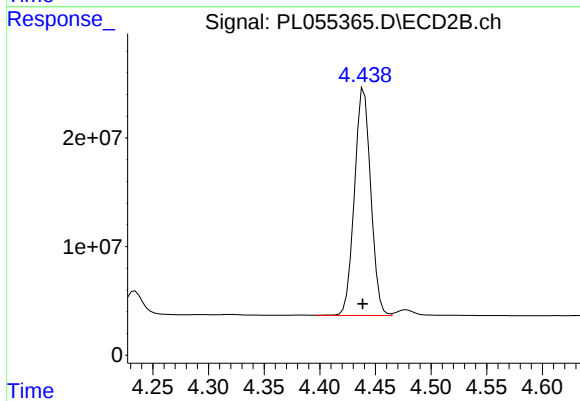
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 63617650
Conc: 24.08 ng/ml



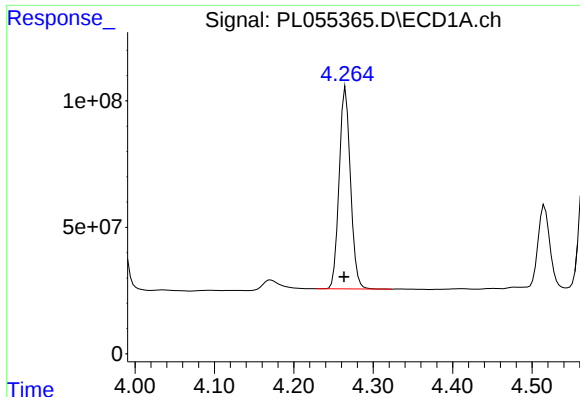
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 846299266
Conc: 48.65 ng/ml m



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.001 min
Response: 213551020
Conc: 57.99 ng/ml



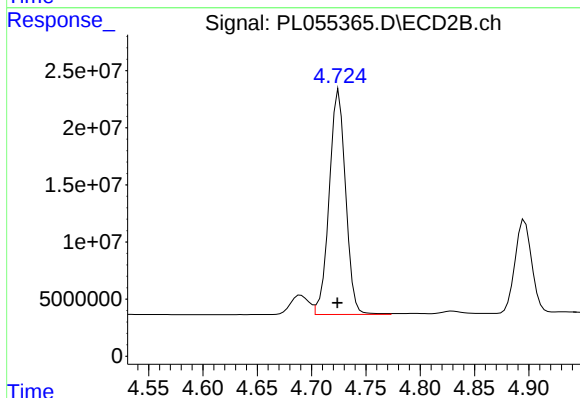
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.002 min
Response: 792041719
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

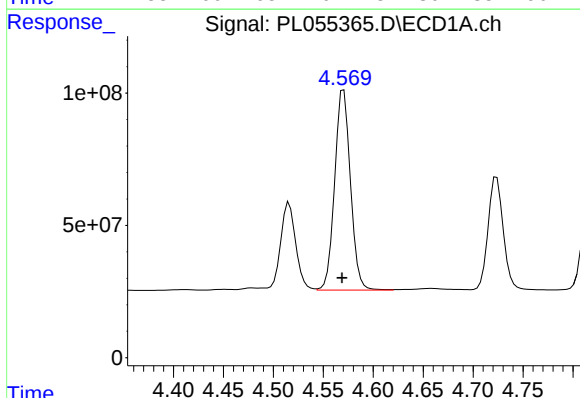
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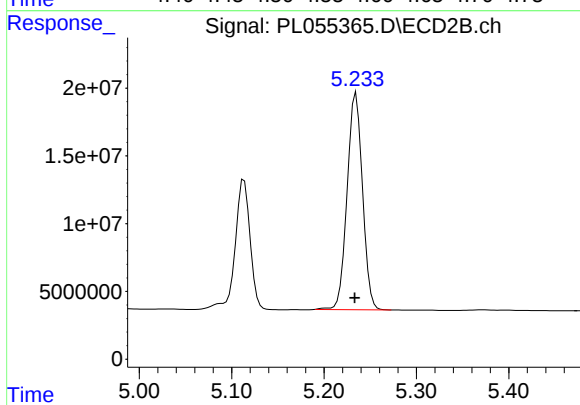
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.001 min
Response: 206693897
Conc: 60.46 ng/ml



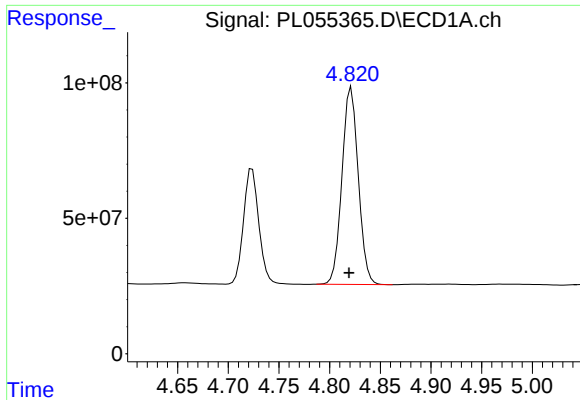
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 833862059
Conc: 51.07 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 185149738
Conc: 58.85 ng/ml



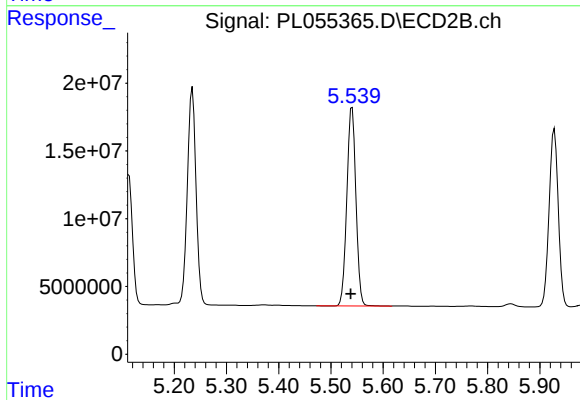
#5 Aldrin

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 813177595
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

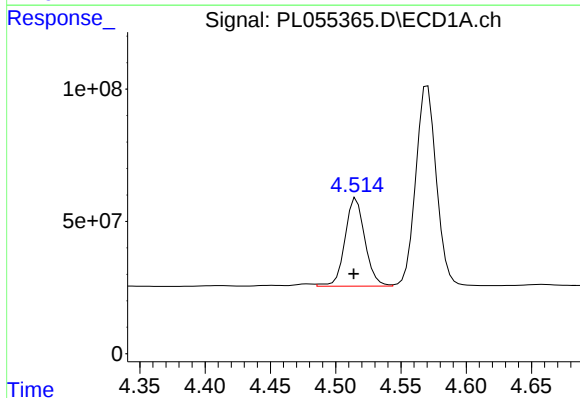
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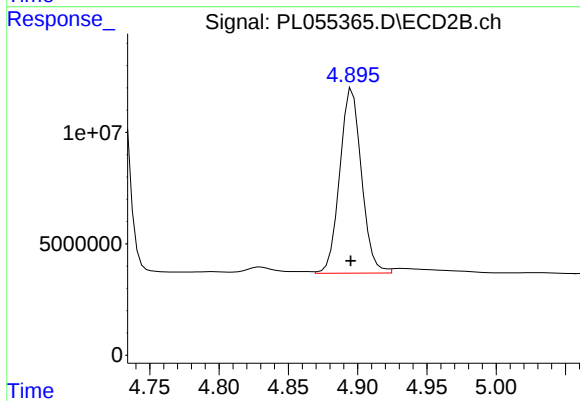
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 177264603
Conc: 61.56 ng/ml



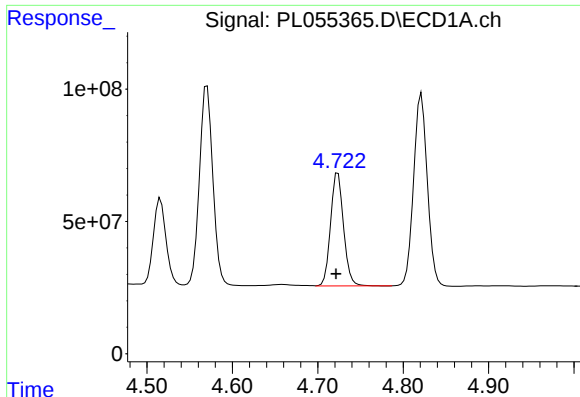
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 353860691
Conc: 51.60 ng/ml



#6 beta-BHC

R.T.: 4.896 min
Delta R.T.: 0.001 min
Response: 90474873
Conc: 55.09 ng/ml



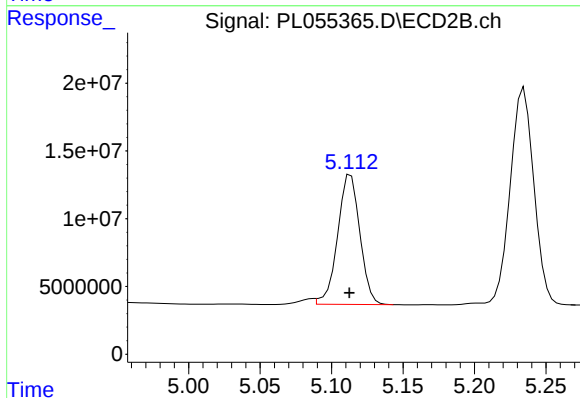
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 451440130
Conc: 29.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

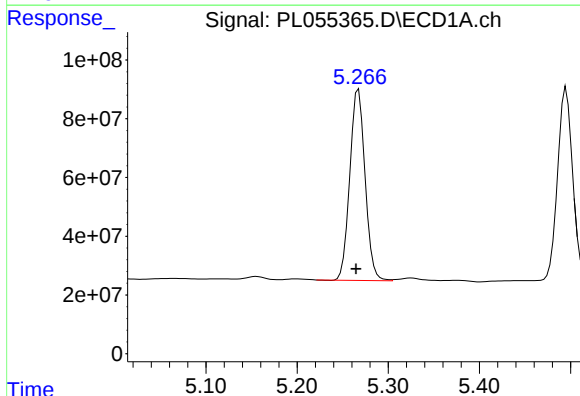
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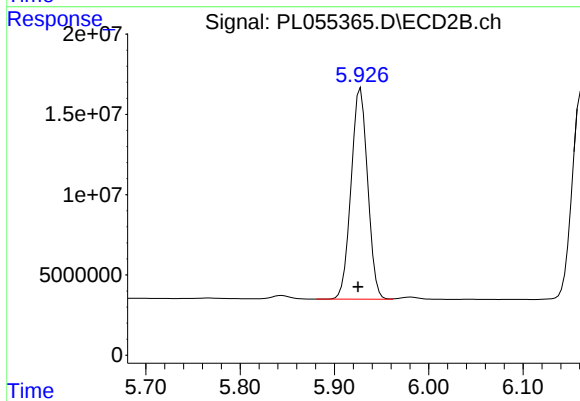
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 103522687
Conc: 37.02 ng/ml m



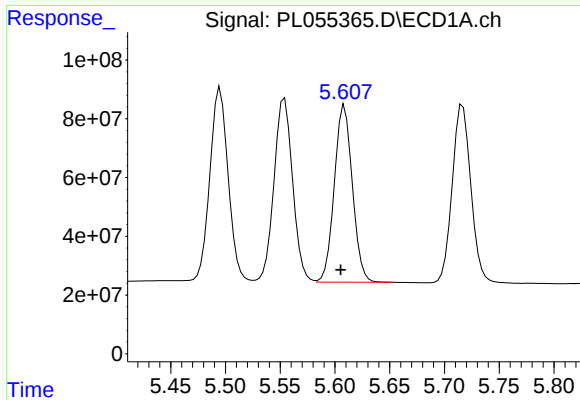
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 757996801
Conc: 53.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 160657452
Conc: 63.03 ng/ml



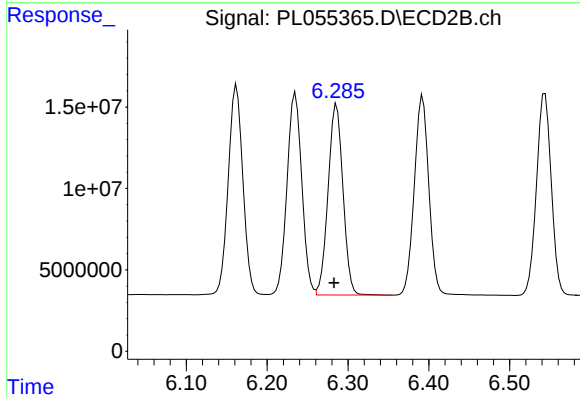
#9 Endosulfan I

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 689730314
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

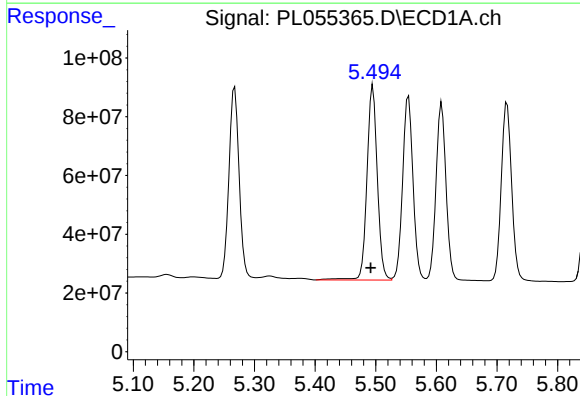
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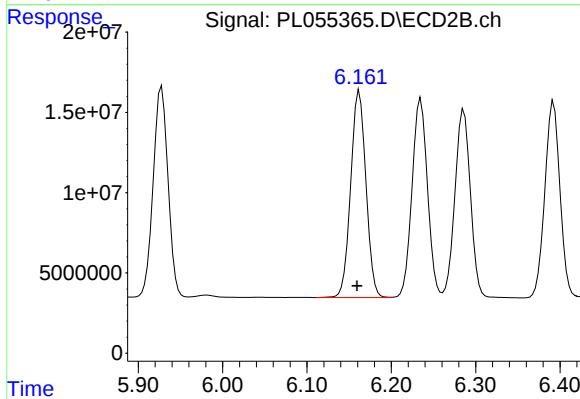
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: 0.003 min
Response: 150240731
Conc: 60.66 ng/ml



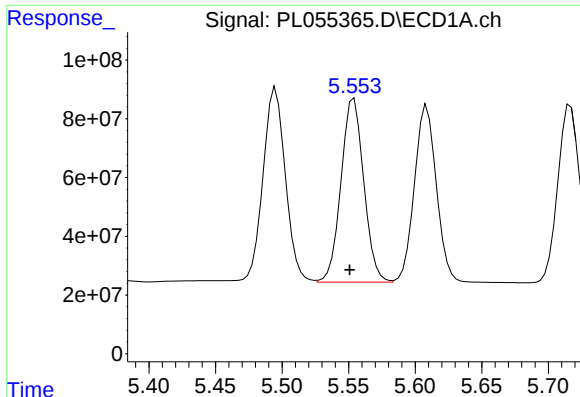
#10 gamma-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 788639235
Conc: 54.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.162 min
Delta R.T.: 0.003 min
Response: 162176678
Conc: 61.10 ng/ml



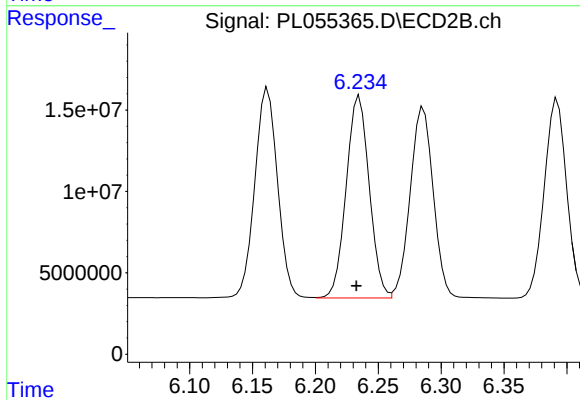
#11 alpha-Chlordane

R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 744450838
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

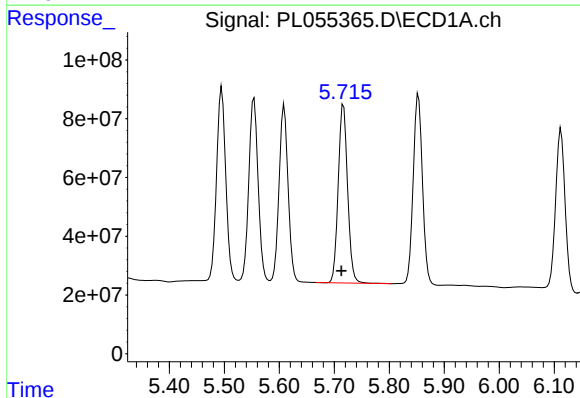
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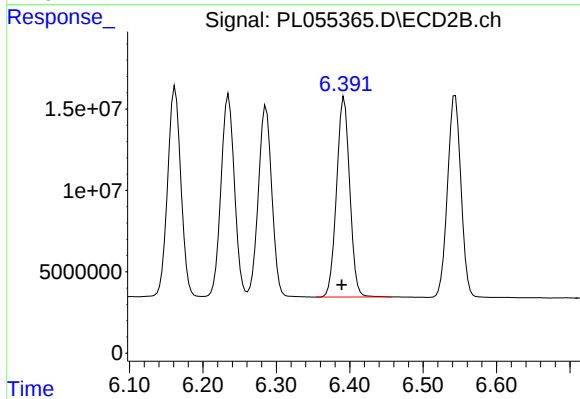
#11 alpha-Chlordane

R.T.: 6.235 min
Delta R.T.: 0.002 min
Response: 158248901
Conc: 60.35 ng/ml



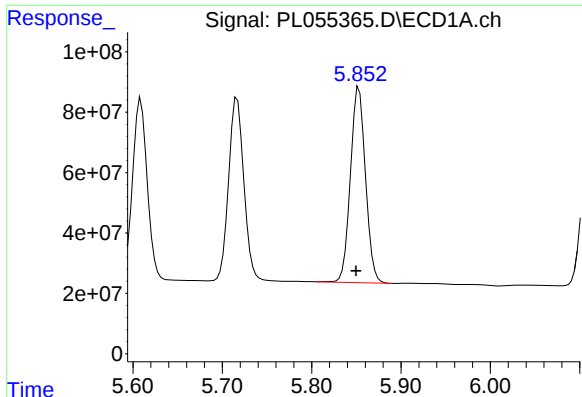
#12 4,4'-DDE

R.T.: 5.717 min
Delta R.T.: 0.003 min
Response: 721017938
Conc: 54.11 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 153138948
Conc: 62.81 ng/ml



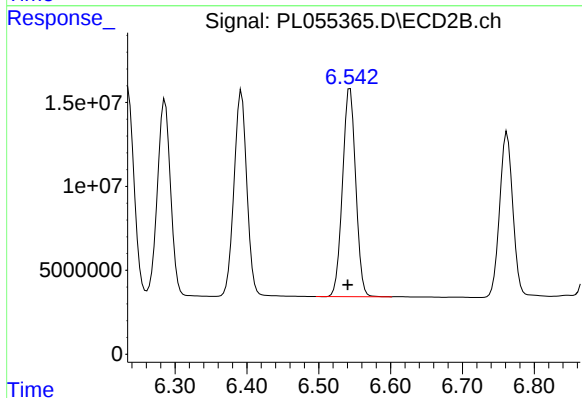
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 758794425
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

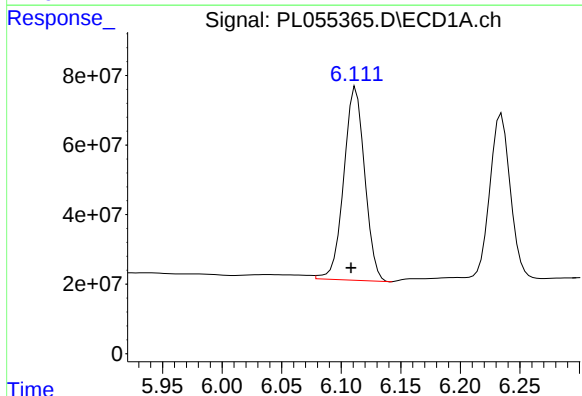
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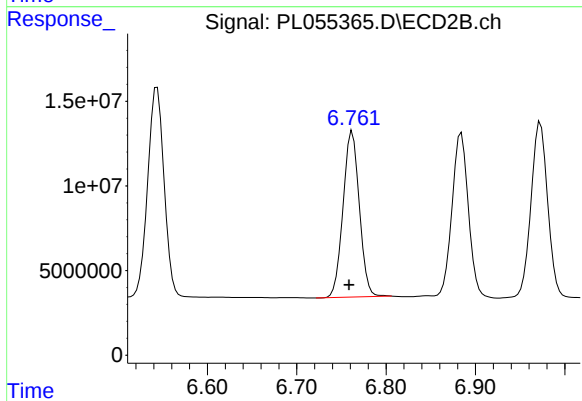
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: 0.003 min
Response: 157881400
Conc: 61.86 ng/ml



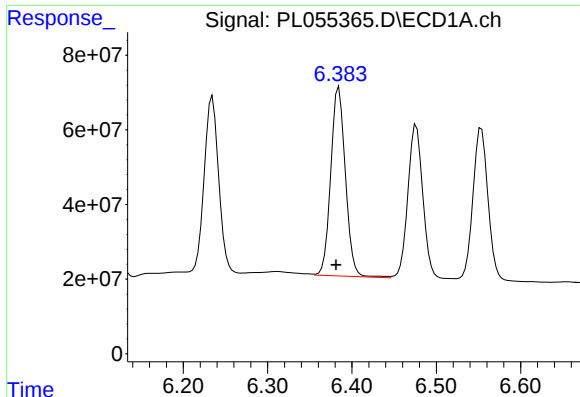
#14 Endrin

R.T.: 6.112 min
Delta R.T.: 0.004 min
Response: 679034496
Conc: 53.43 ng/ml



#14 Endrin

R.T.: 6.762 min
Delta R.T.: 0.004 min
Response: 123975069
Conc: 57.77 ng/ml



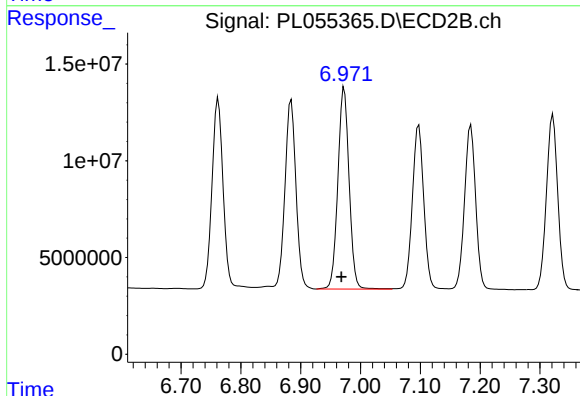
#15 Endosulfan II

R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 611610471
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

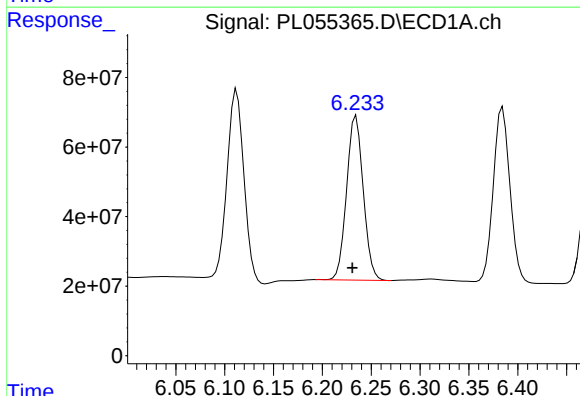
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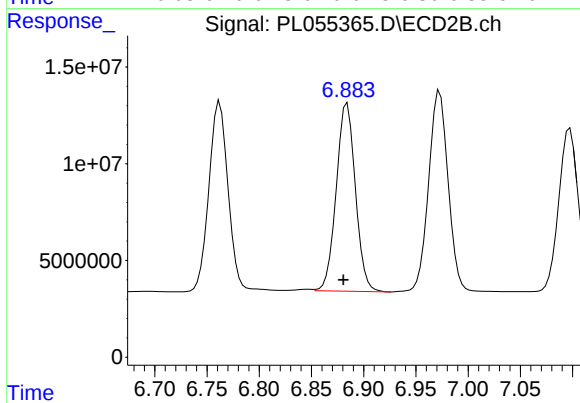
#15 Endosulfan II

R.T.: 6.973 min
Delta R.T.: 0.004 min
Response: 136576233
Conc: 57.61 ng/ml



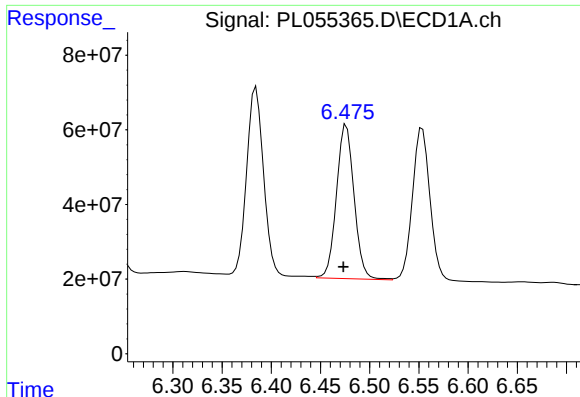
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: 0.004 min
Response: 560081373
Conc: 58.31 ng/ml



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: 0.004 min
Response: 123934493
Conc: 65.19 ng/ml



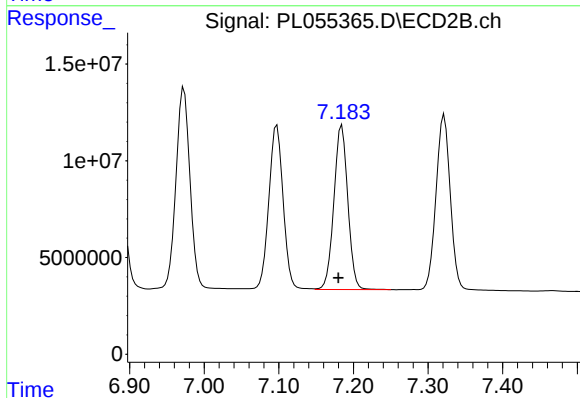
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 513267967
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

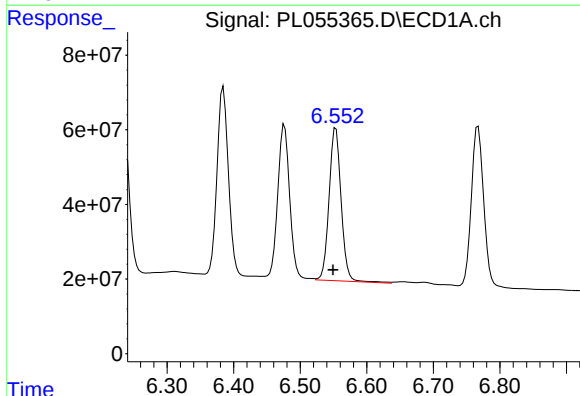
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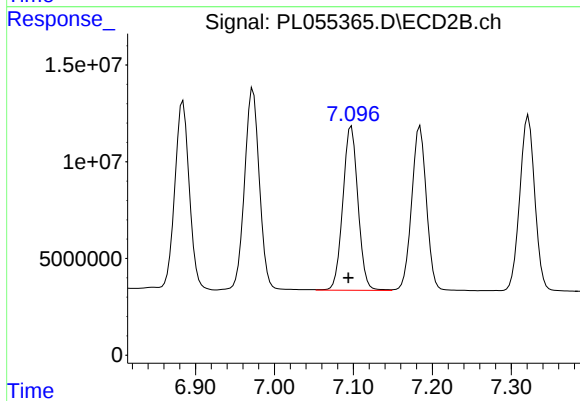
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 110121941
Conc: 56.11 ng/ml



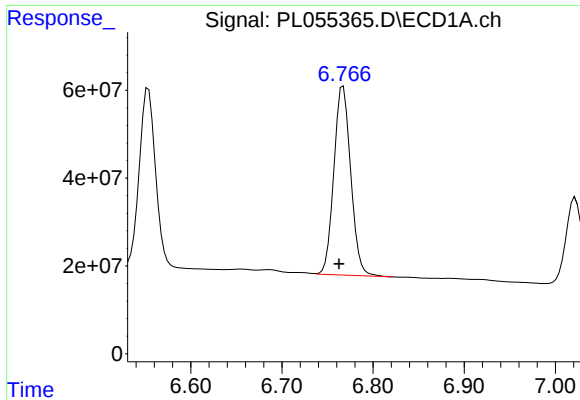
#18 Endrin aldehyde

R.T.: 6.553 min
Delta R.T.: 0.004 min
Response: 517148427
Conc: 53.10 ng/ml



#18 Endrin aldehyde

R.T.: 7.097 min
Delta R.T.: 0.004 min
Response: 113109235
Conc: 58.61 ng/ml



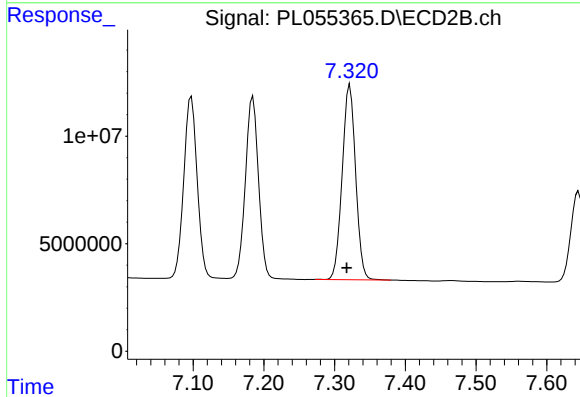
#19 Endosulfan Sulfate

R.T.: 6.767 min
Delta R.T.: 0.004 min
Response: 550122685
Conc: 54.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

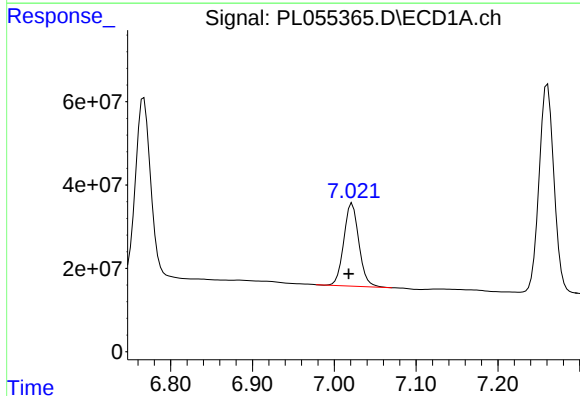
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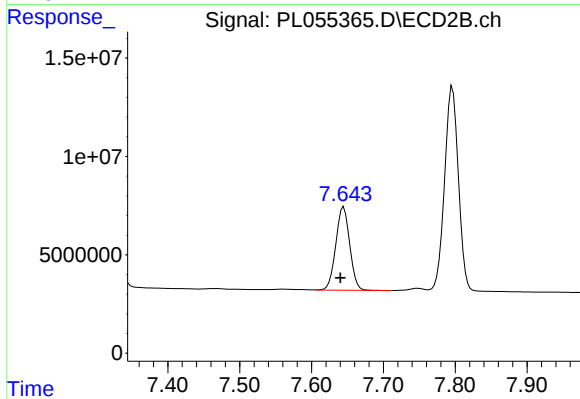
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: 0.005 min
Response: 119749979
Conc: 57.34 ng/ml



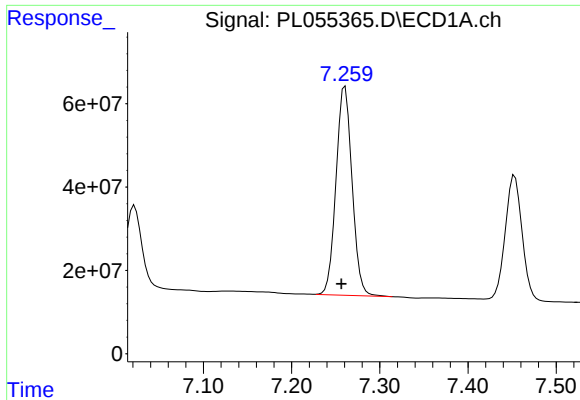
#20 Methoxychlor

R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 253116462
Conc: 52.52 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 56984536
Conc: 52.80 ng/ml



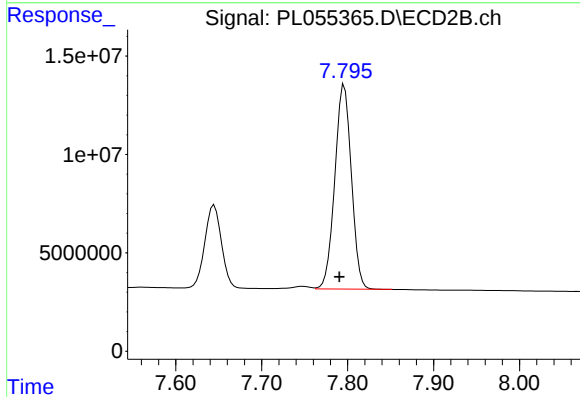
#21 Endrin ketone

R.T.: 7.261 min
Delta R.T.: 0.004 min
Response: 633361314
Conc: 60.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

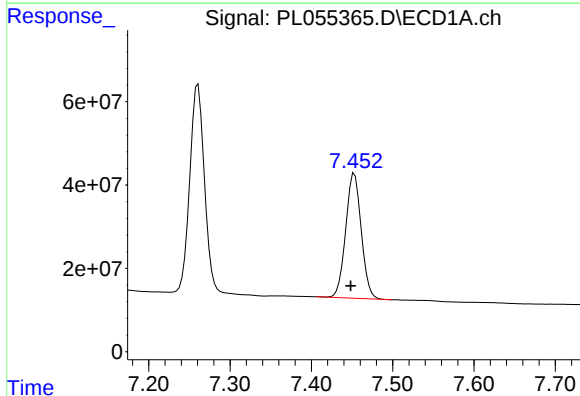
Manual Integrations
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mohammad
12/31/2019 11:58:41 AM



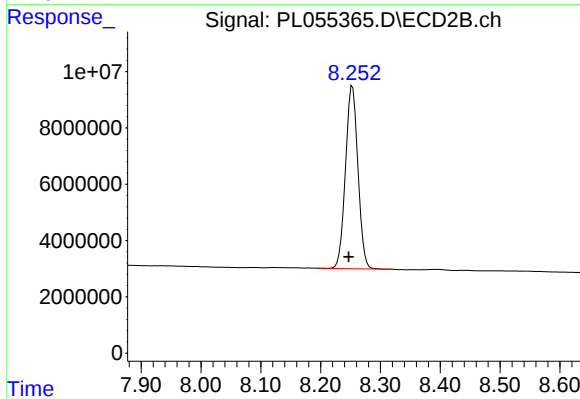
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: 0.006 min
Response: 138815064
Conc: 62.33 ng/ml



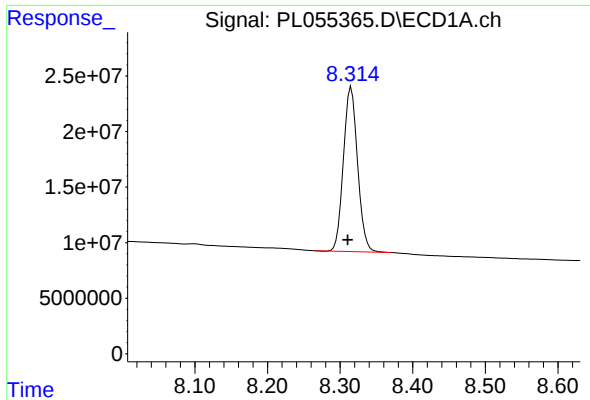
#22 Mirex

R.T.: 7.453 min
Delta R.T.: 0.005 min
Response: 396700045
Conc: 52.08 ng/ml



#22 Mirex

R.T.: 8.253 min
Delta R.T.: 0.006 min
Response: 93793306
Conc: 56.57 ng/ml



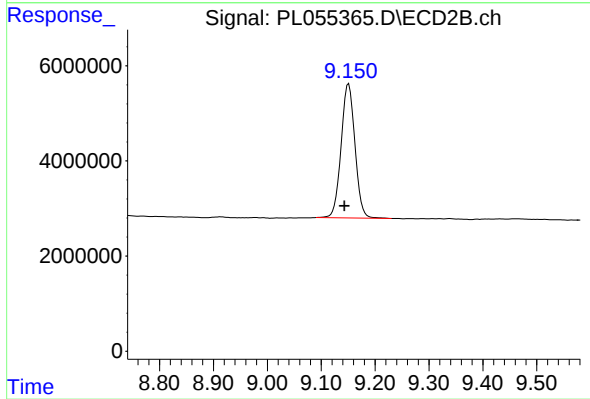
#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 201171702
Conc: 21.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-122319MSD

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#28 Decachlorobiphenyl

R.T.: 9.151 min
Delta R.T.: 0.008 min
Response: 50281596
Conc: 22.78 ng/ml