

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051544.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 10:23
 Operator : AJ\SJ
 Sample : K1675-33MSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 Z-3-13-BMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 01:22:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.224	4.043	26105429	559.6E6	19.688	19.514m
28)	SA Decachlor...	7.824	9.158	23060935	355.8E6	20.288	19.475
Target Compounds							
2)	A alpha-BHC	3.644	4.436	112.3E6	2091.2E6	51.166	47.931m
3)	MA gamma-BHC...	3.913	4.722	109.9E6	1903.0E6	52.581	48.048m
4)	MA Heptachlor	4.191	5.238	114.4E6	1824.2E6	53.304	47.568
5)	MB Aldrin	4.422	5.544	109.1E6	1731.8E6	53.597	48.350
6)	B beta-BHC	4.158	4.893	45174580	826.4E6	51.307	45.977m
7)	B delta-BHC	4.347	5.113	108.4E6	1580.3E6	53.470	45.984
8)	B Heptachlo...	4.849	5.932	104.7E6	1485.0E6	53.277	46.312
9)	A Endosulfan I	5.171	6.290	98725873	1456.5E6	53.271	49.130
10)	B gamma-Chl...	5.067	6.167	108.8E6	1576.3E6	53.669	49.292
11)	B alpha-Chl...	5.123	6.241	107.6E6	1485.5E6	53.517	46.871
12)	B 4,4'-DDE	5.292	6.396	102.1E6	1472.7E6	54.477	47.614
13)	MA Dieldrin	5.406	6.549	109.6E6	1518.2E6	54.498	49.202
14)	MA Endrin	5.654	6.768	102.7E6	1273.9E6	53.611	48.785
15)	B Endosulfa...	5.923	6.977	96002370	1274.3E6	53.271	49.469
16)	A 4,4'-DDD	5.793	6.888	81880003	1207.0E6	52.006	49.142
17)	MA 4,4'-DDT	6.025	7.188	89324786	1118.8E6	55.909	55.232
18)	B Endrin al...	6.090	7.101	77034953	963.7E6	52.079	44.946
19)	B Endosulfa...	6.299	7.325	86420855	1138.4E6	52.271	48.564
20)	A Methoxychlor	6.571	7.647	48091109	568.9E6	54.152	51.686
21)	B Endrin ke...	6.774	7.799	97470652	1134.5E6	52.655	50.217
22)	Mirex	6.943	8.257	67051074	776.2E6	53.302	50.163

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051544.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Mar 2019 10:23
Operator : AJ\SJ
Sample : K1675-33MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

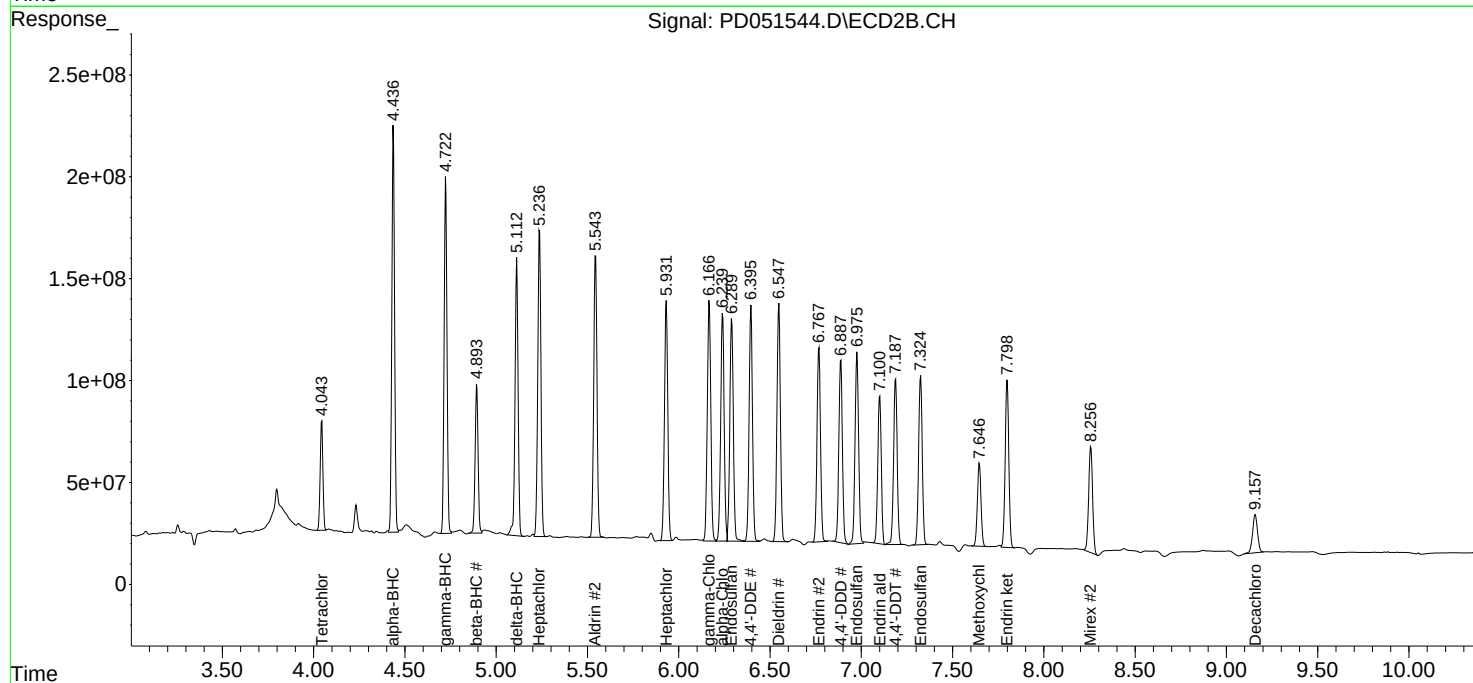
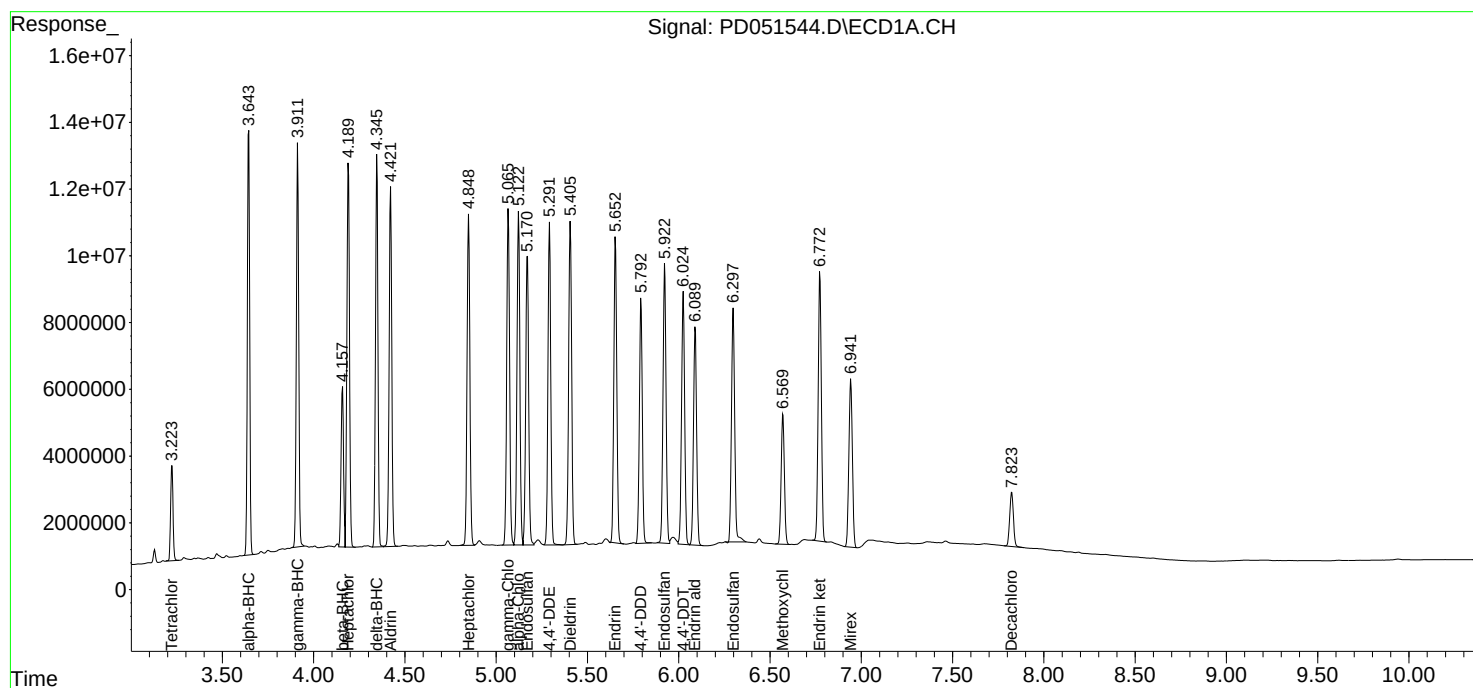
Instrument :
ECD_D
ClientSampled :
Z-3-13-BMSD

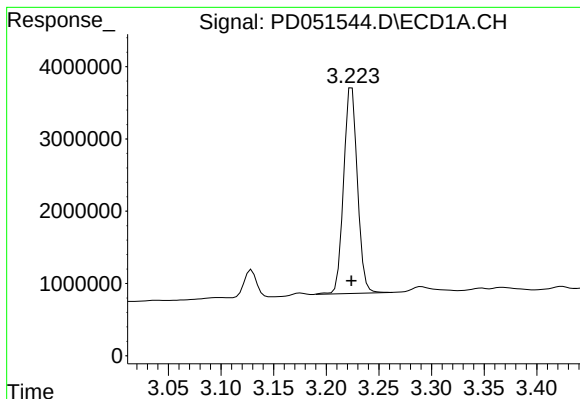
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 04 01:22:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 2019
Response via : Initial Calibration
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Volume Inj. : 2 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 x 0.50µm





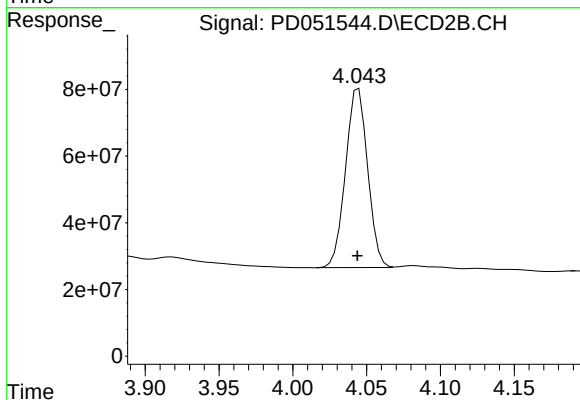
#1 Tetrachloro-m-xylene

R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 26105429
Conc: 19.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

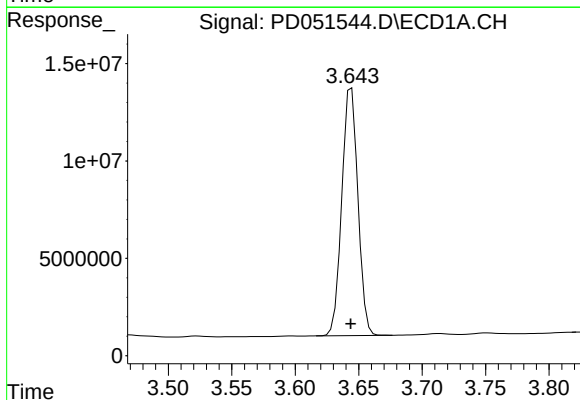
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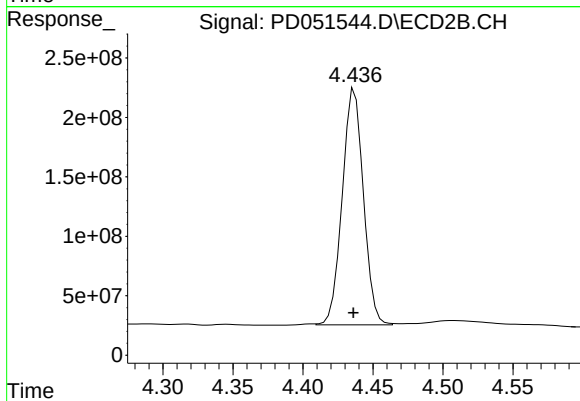
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 559594747
Conc: 19.51 ng/ml m



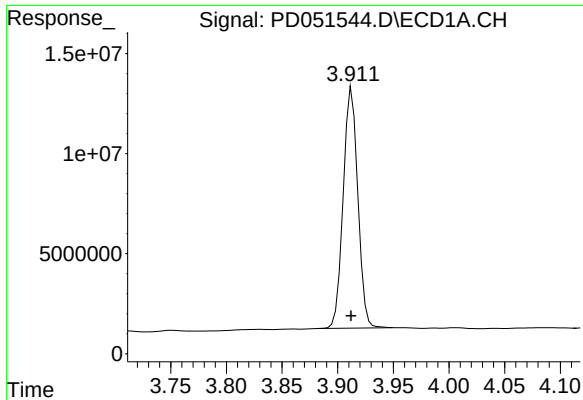
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 112319622
Conc: 51.17 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 2091229289
Conc: 47.93 ng/ml m



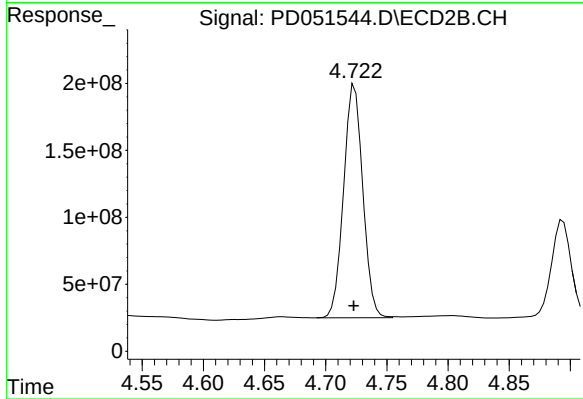
#3 gamma-BHC (Lindane)

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 109855433
Conc: 52.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

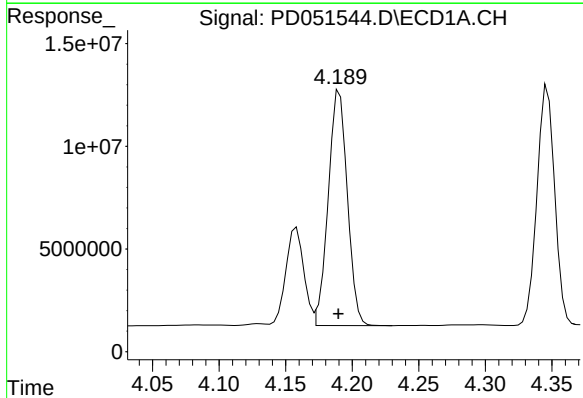
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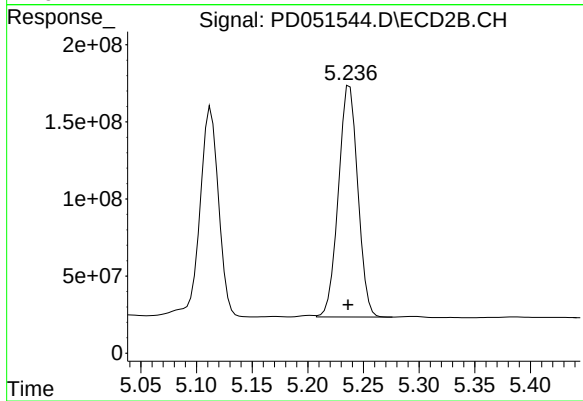
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 1903046831
Conc: 48.05 ng/ml m



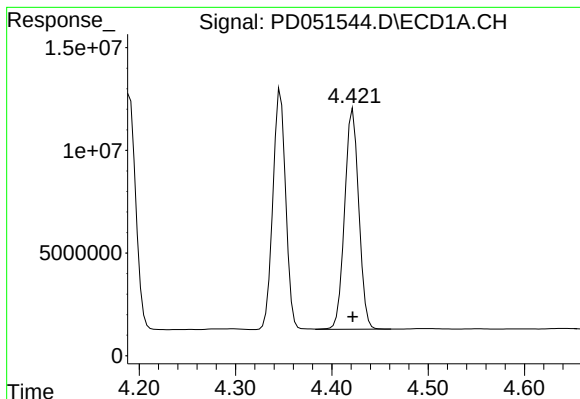
#4 Heptachlor

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 114357141
Conc: 53.30 ng/ml



#4 Heptachlor

R.T.: 5.238 min
Delta R.T.: 0.001 min
Response: 1824201977
Conc: 47.57 ng/ml



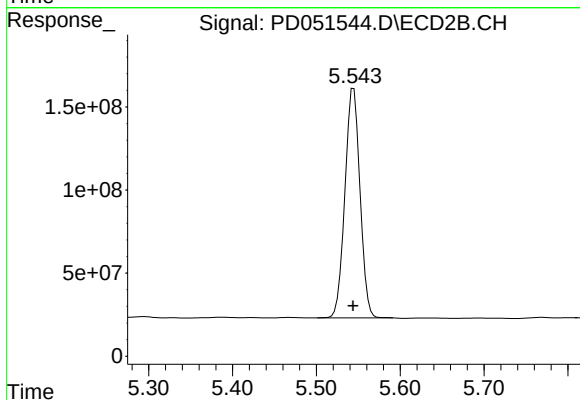
#5 Aldrin

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 109105928
Conc: 53.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

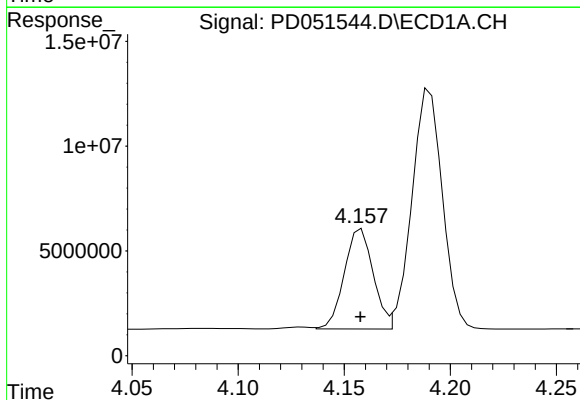
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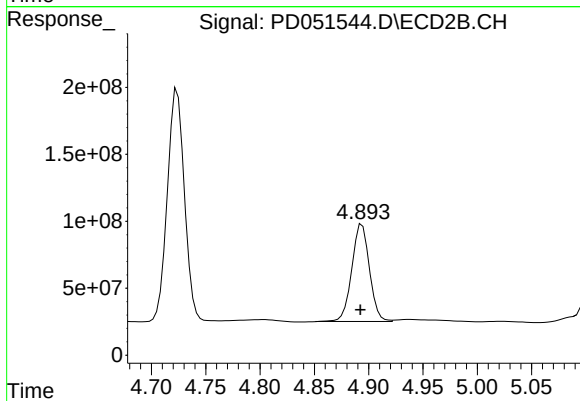
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 1731791055
Conc: 48.35 ng/ml



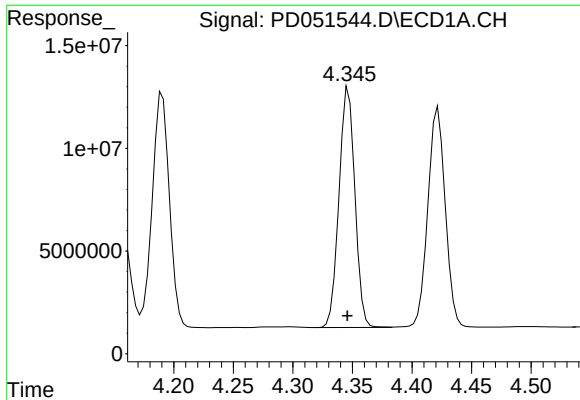
#6 beta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 45174580
Conc: 51.31 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 826363944
Conc: 45.98 ng/ml m



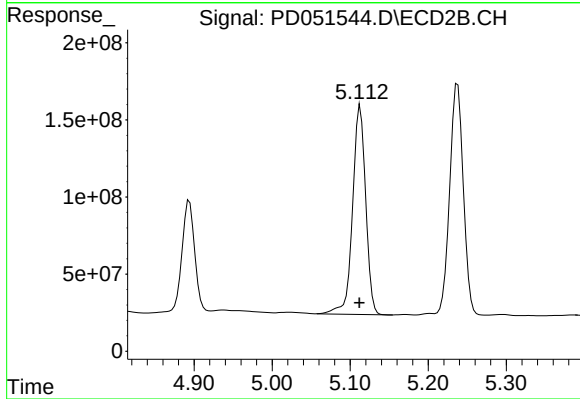
#7 delta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 108427874
Conc: 53.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

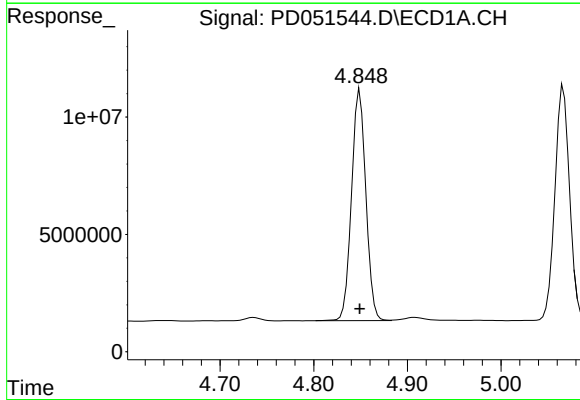
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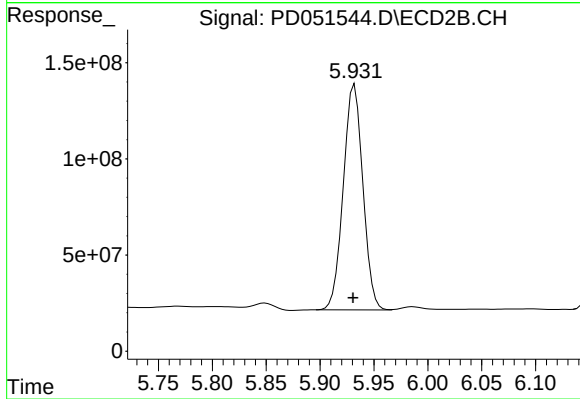
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 1580280687
Conc: 45.98 ng/ml



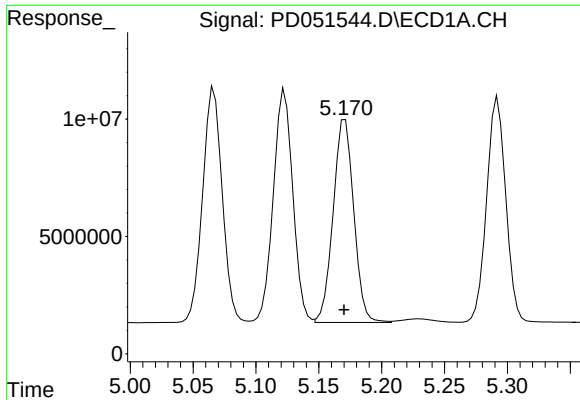
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 104743506
Conc: 53.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 1484997366
Conc: 46.31 ng/ml



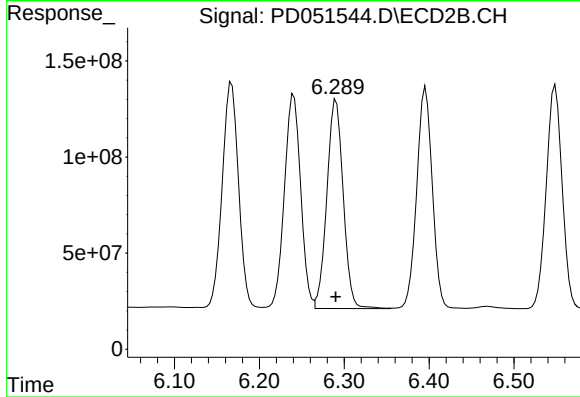
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 98725873
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

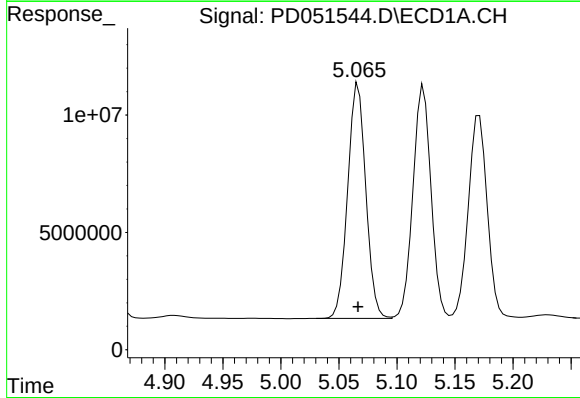
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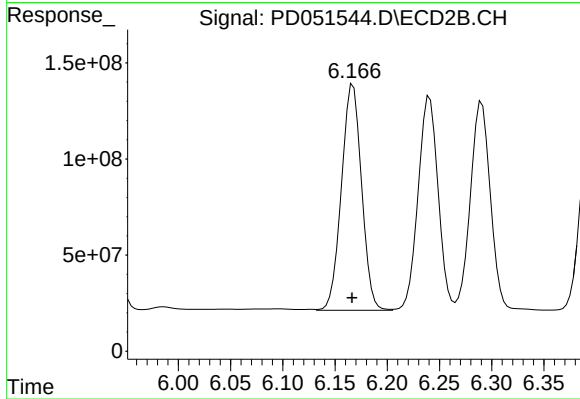
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 1456518497
Conc: 49.13 ng/ml



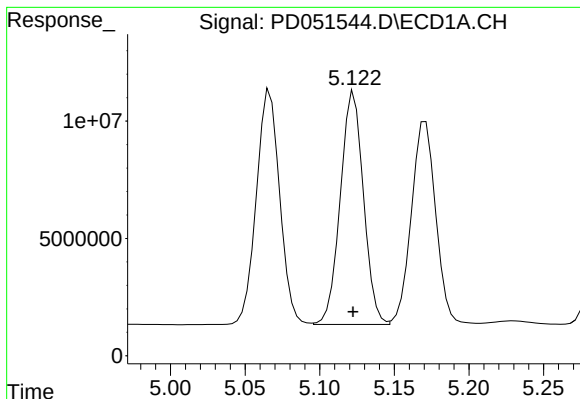
#10 gamma-Chlordane

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 108751951
Conc: 53.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 1576338188
Conc: 49.29 ng/ml



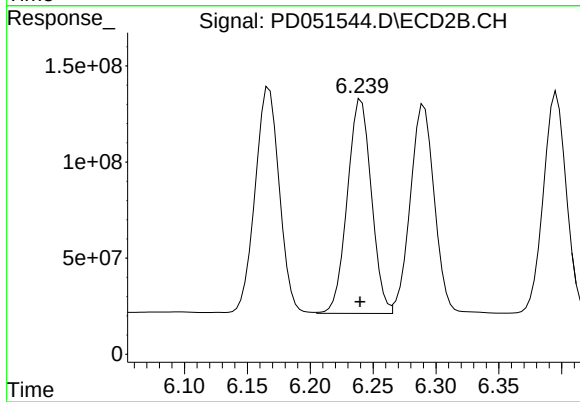
#11 alpha-Chlordane

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 107557331
Conc: 53.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

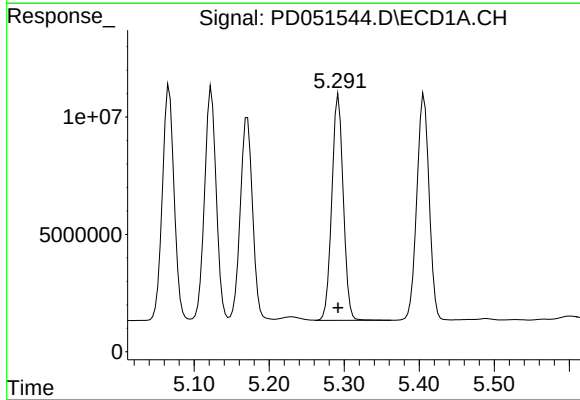
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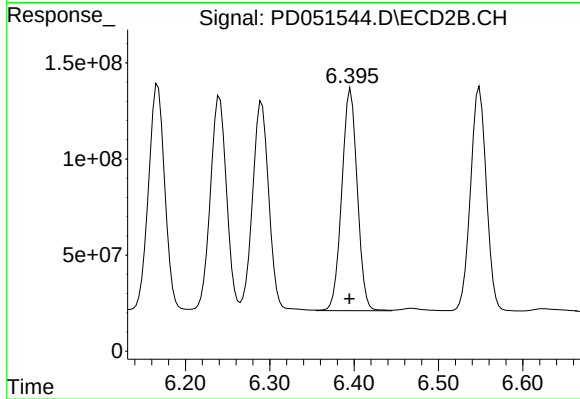
#11 alpha-Chlordane

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 1485518545
Conc: 46.87 ng/ml



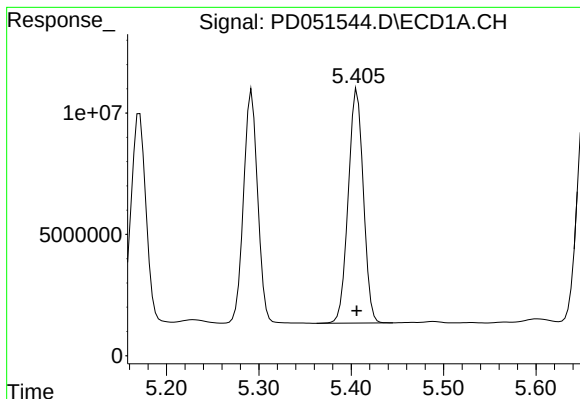
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 102054427
Conc: 54.48 ng/ml



#12 4,4'-DDE

R.T.: 6.396 min
Delta R.T.: 0.001 min
Response: 1472690053
Conc: 47.61 ng/ml



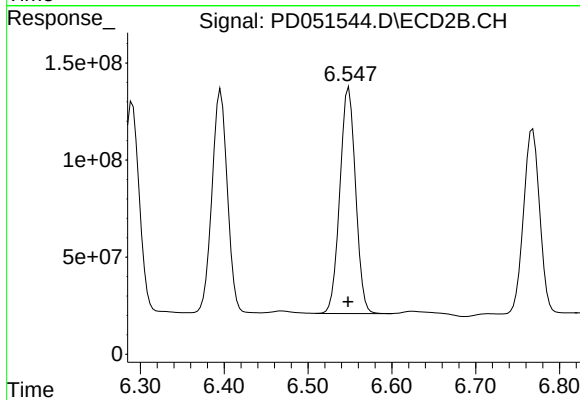
#13 Dieldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 109557811
Conc: 54.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

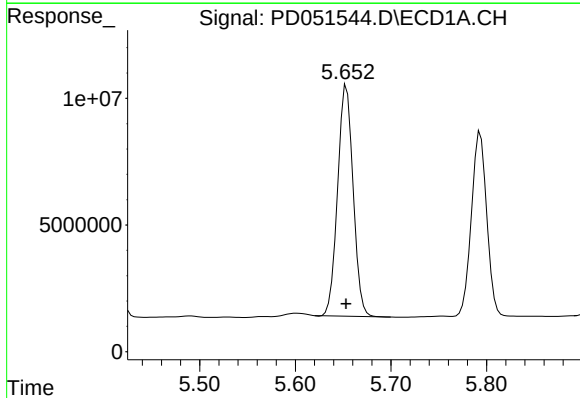
Manual Integrations
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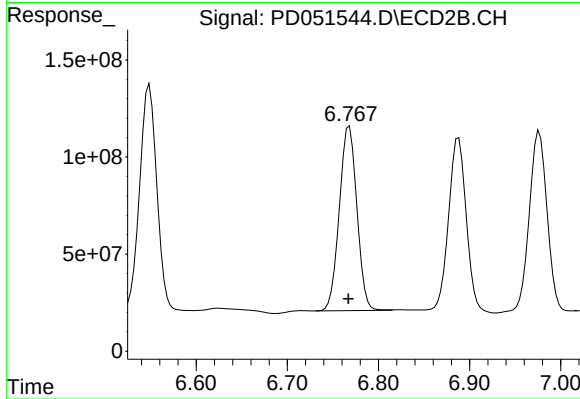
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 1518160469
Conc: 49.20 ng/ml



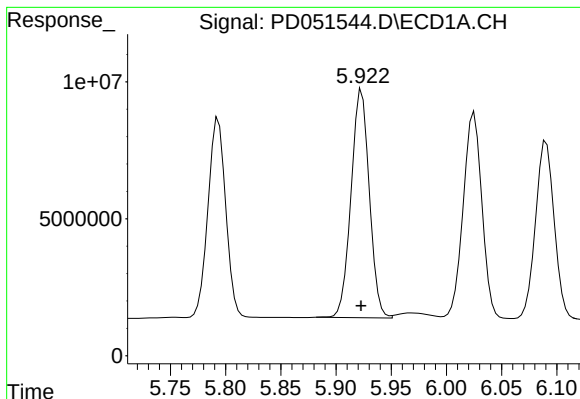
#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 102714170
Conc: 53.61 ng/ml



#14 Endrin

R.T.: 6.768 min
Delta R.T.: 0.001 min
Response: 1273877818
Conc: 48.79 ng/ml



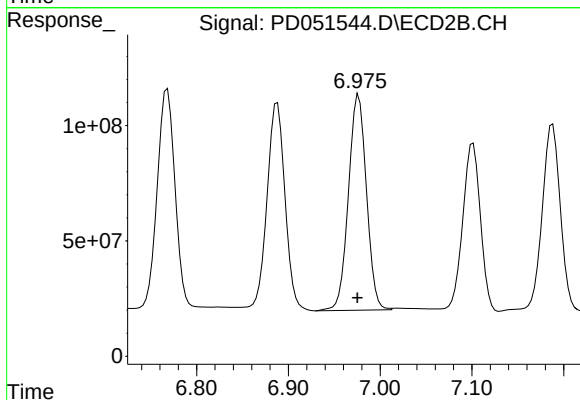
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 96002370
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

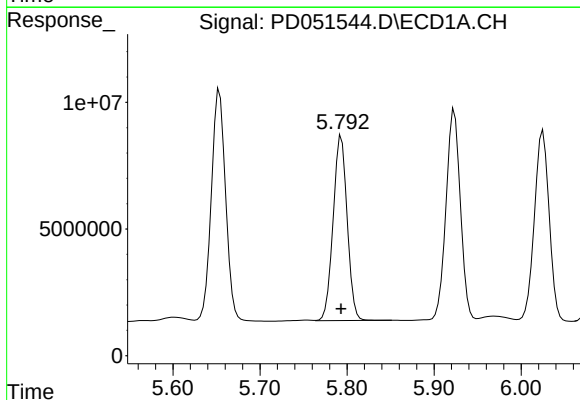
Manual Integrations
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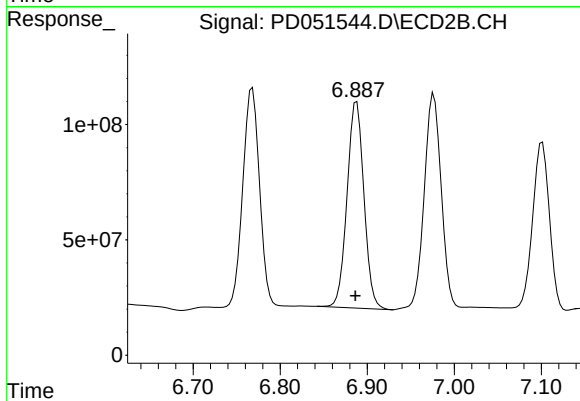
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.001 min
Response: 1274296220
Conc: 49.47 ng/ml



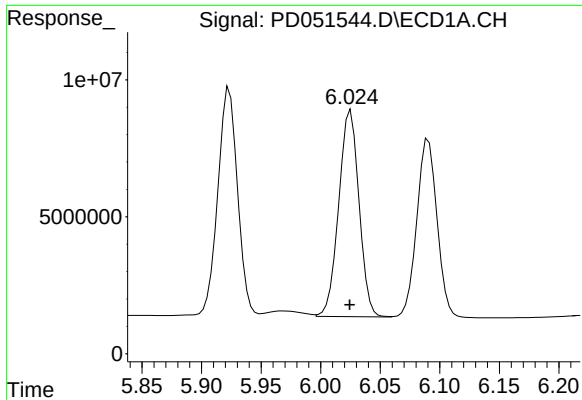
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 81880003
Conc: 52.01 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.002 min
Response: 1207000669
Conc: 49.14 ng/ml



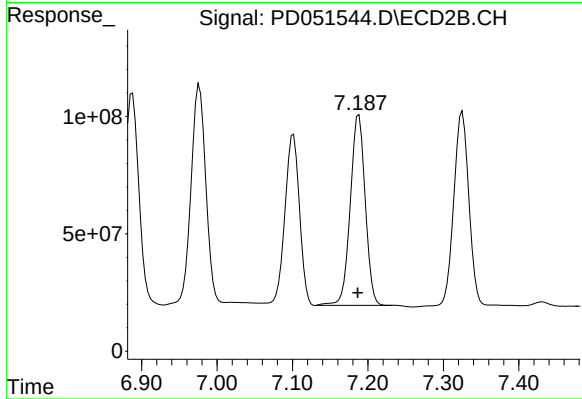
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 89324786
Conc: 55.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

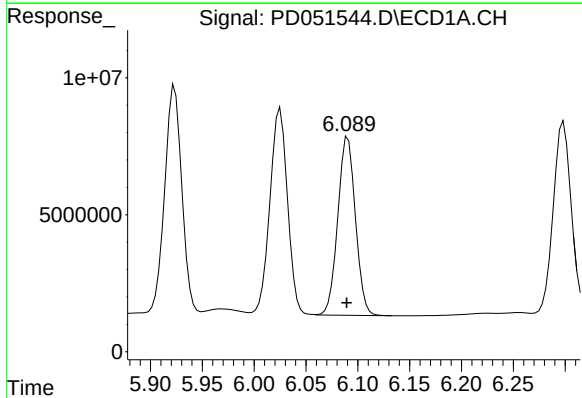
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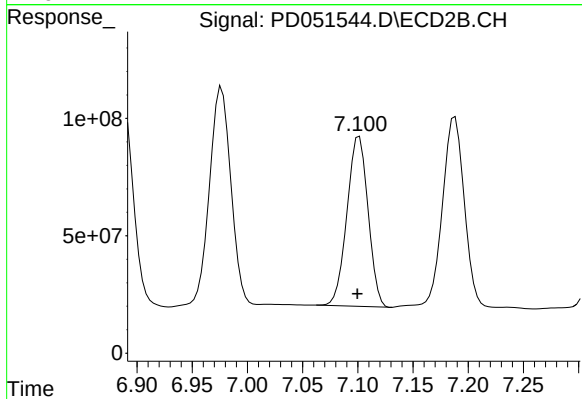
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.001 min
Response: 1118831722
Conc: 55.23 ng/ml



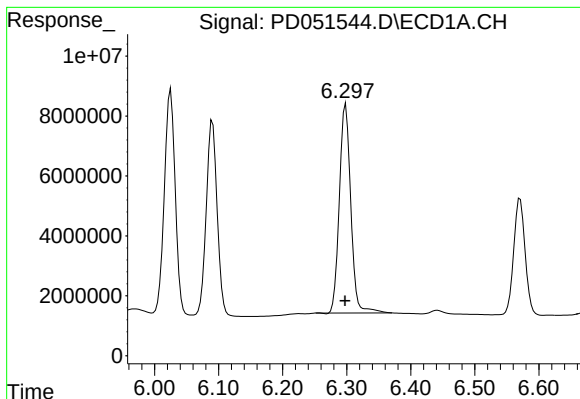
#18 Endrin aldehyde

R.T.: 6.090 min
Delta R.T.: 0.001 min
Response: 77034953
Conc: 52.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 963672917
Conc: 44.95 ng/ml



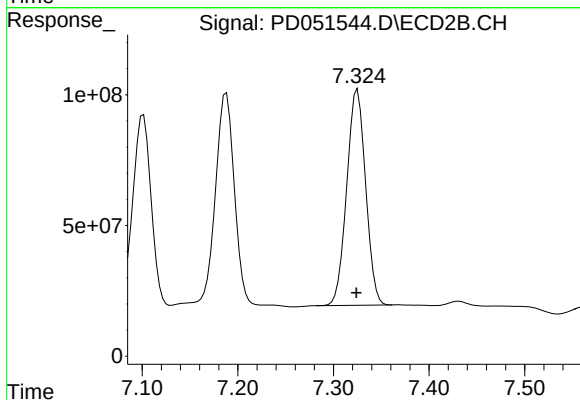
#19 Endosulfan Sulfate

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 86420855
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

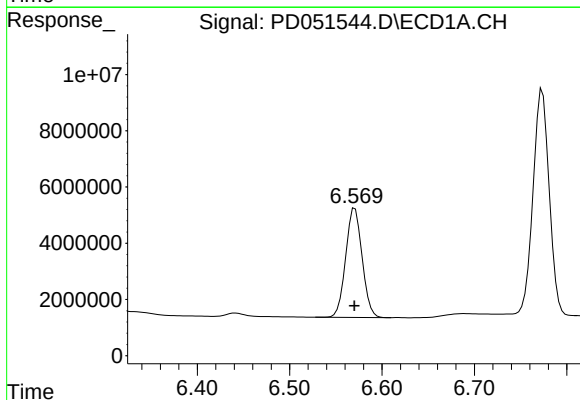
Manual Integrations
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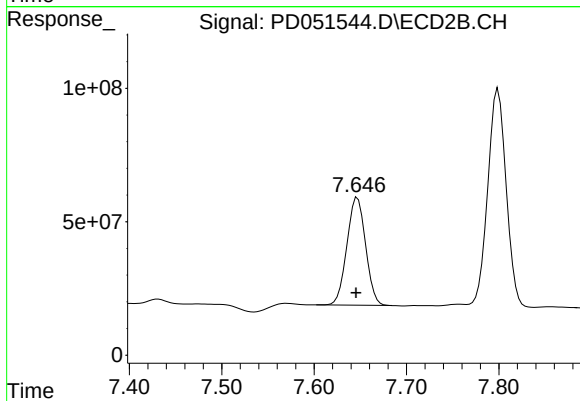
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.001 min
Response: 1138361901
Conc: 48.56 ng/ml



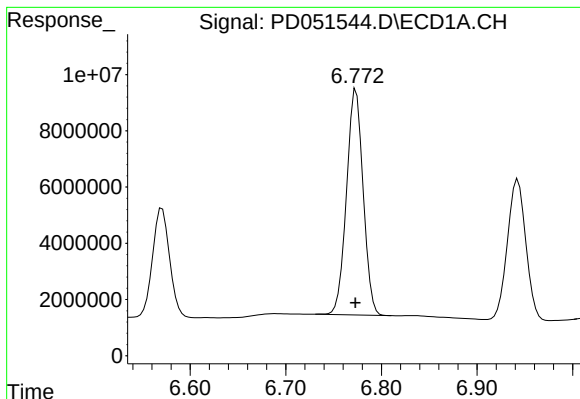
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 48091109
Conc: 54.15 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 568898406
Conc: 51.69 ng/ml



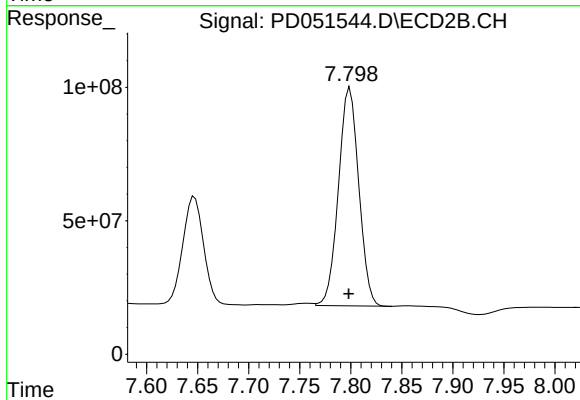
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 97470652
Conc: 52.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

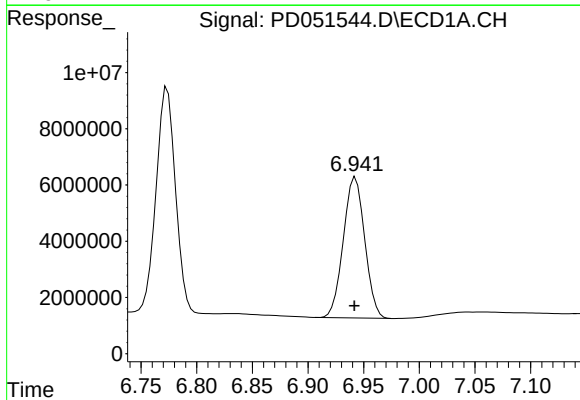
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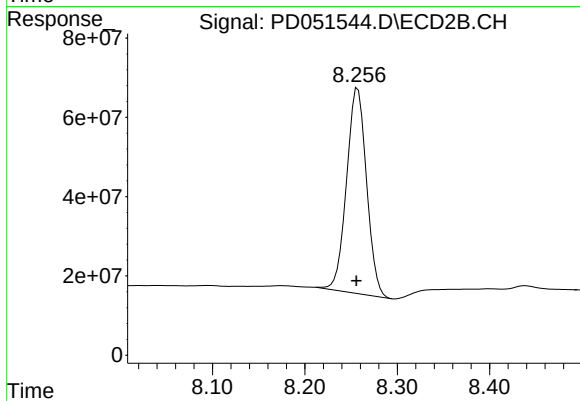
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 1134509578
Conc: 50.22 ng/ml



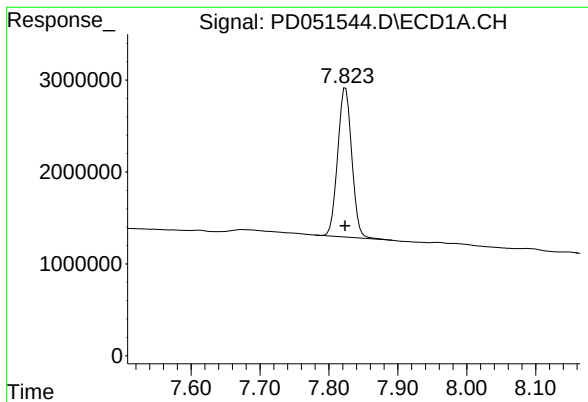
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 67051074
Conc: 53.30 ng/ml



#22 Mirex

R.T.: 8.257 min
Delta R.T.: 0.002 min
Response: 776249064
Conc: 50.16 ng/ml



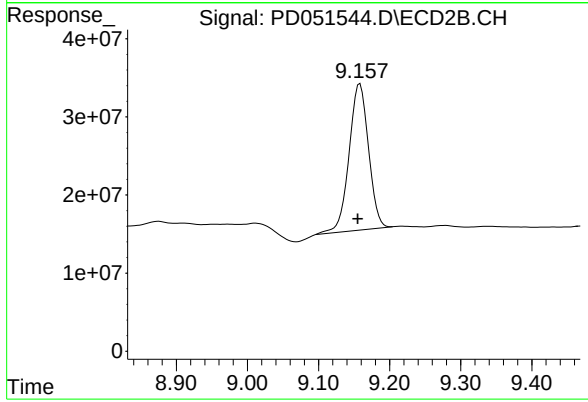
#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 23060935
Conc: 20.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
Z-3-13-BMSD

Manual Integrations
APPROVED

Sohil
3/4/2019 11:51:12 AM



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.003 min
Response: 355758364
Conc: 19.48 ng/ml