

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031121\
 Data File : PD061535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2021 12:16
 Operator : AR\AJ
 Sample : M1615-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FK-BPM-04-015-ABCDMS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 07:35:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.486	3.983	18761672	194.3E6	23.406	23.293
28)	SA Decachlor...	8.258	9.039	27160318	177.9E6	22.522	20.622
Target Compounds							
2)	A alpha-BHC	3.926	4.371	70572960	713.2E6	57.268	55.023
3)	MA gamma-BHC...	4.211	4.655	67643967	683.7E6	57.470	56.354
4)	MA Heptachlor	4.514	5.164	68241865	680.2E6	55.006	53.393
5)	MB Aldrin	4.764	5.469	64159156	631.4E6	54.773	52.801
6)	B beta-BHC	4.461	4.824	28849946	264.6E6	54.564	54.264
7)	B delta-BHC	4.667	5.042	67553671	641.4E6	57.167	53.485
8)	B Heptachlo...	5.208	5.854	62709722	575.2E6	55.171	52.856
9)	A Endosulfan I	5.549	6.210	60267542	537.9E6	55.474	51.707
10)	B gamma-Chl...	5.435	6.088	64142434	572.0E6	55.116m	50.576
11)	B alpha-Chl...	5.495	6.160	64603774	573.0E6	55.811	52.552
12)	B 4,4'-DDE	5.658	6.316	61274216	578.8E6	55.799	52.110
13)	MA Dieldrin	5.793	6.466	64187205	575.6E6	55.931	52.093
14)	MA Endrin	6.051	6.685	56462669	439.6E6	53.462	46.889
15)	B Endosulfa...	6.325	6.892	57226811	493.6E6	57.261	55.198
16)	A 4,4'-DDD	6.175	6.805	52153787	465.5E6	56.130	51.995
17)	MA 4,4'-DDT	6.417	7.104	53306516	483.2E6	53.610	52.244
18)	B Endrin al...	6.493	7.017	49443227	417.9E6	59.865	58.178
19)	B Endosulfa...	6.707	7.239	54266120	453.4E6	52.198	49.228
20)	A Methoxychlor	6.963	7.562	30087358	211.0E6	53.376	45.610
21)	B Endrin ke...	7.201	7.710	64157910	445.5E6	51.927	48.293
22)	Mirex	7.392	8.164	49030182	282.6E6	49.452	46.527

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031121\
Data File : PD061535.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2021 12:16
Operator : AR\AJ
Sample : M1615-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

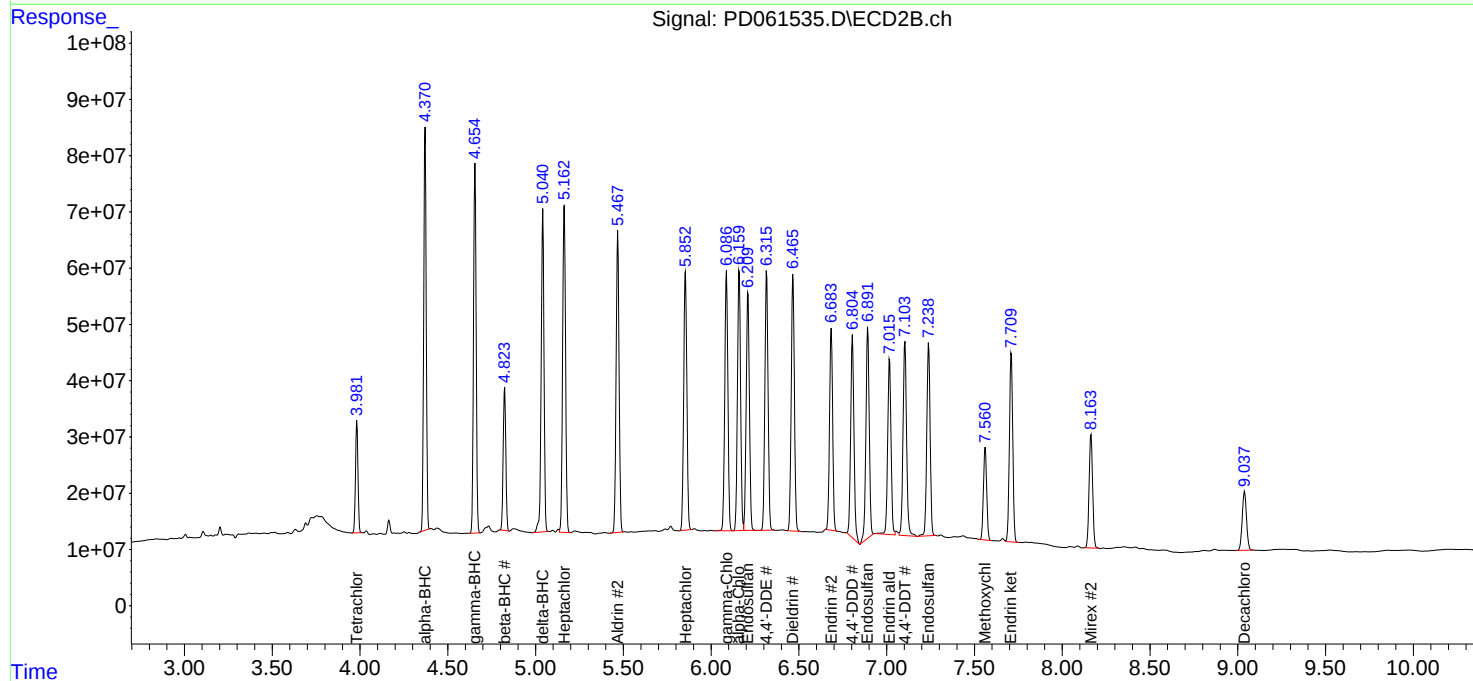
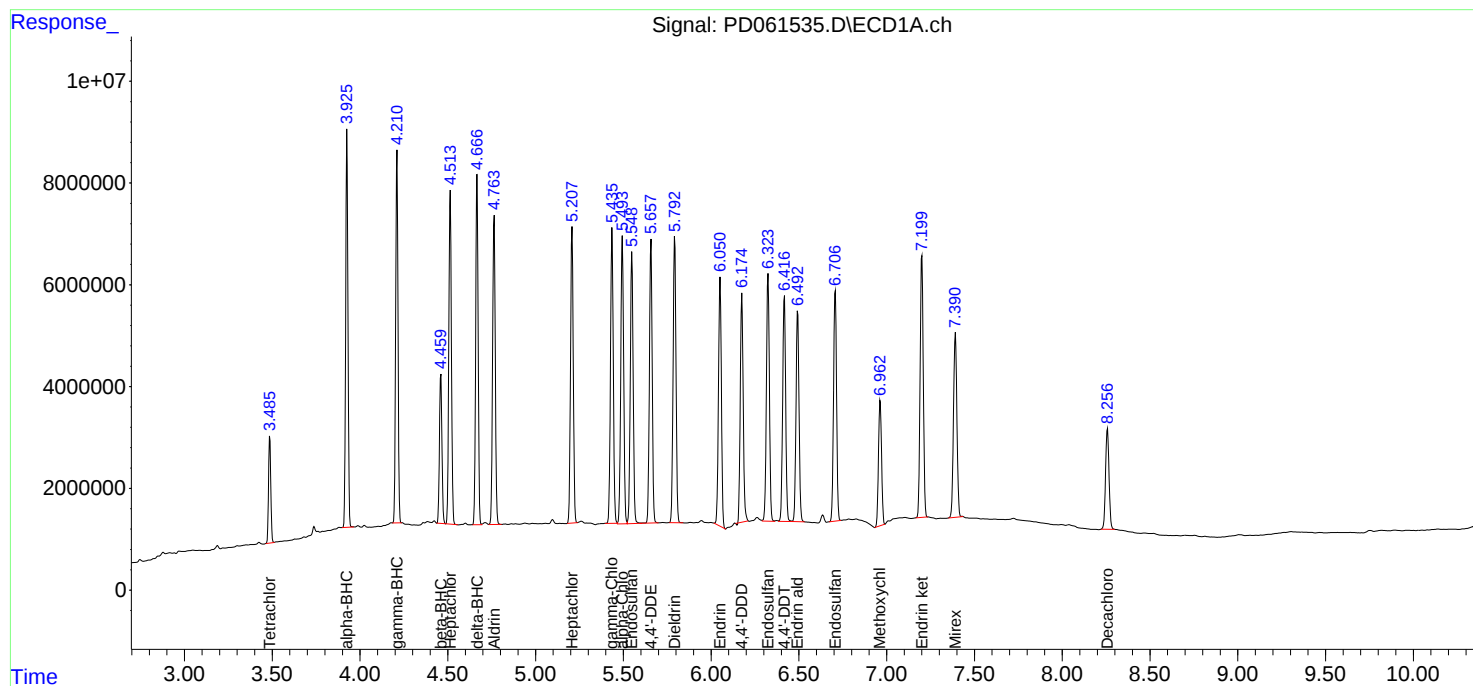
Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

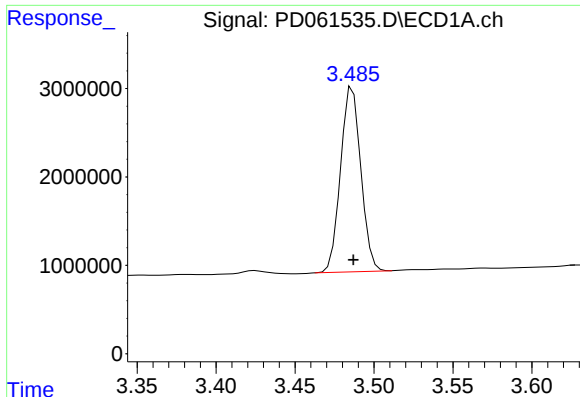
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 07:35:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
QLast Update : Thu Mar 11 04:34:41 2021
Response via : Initial Calibration
Integrator: ChemStation

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





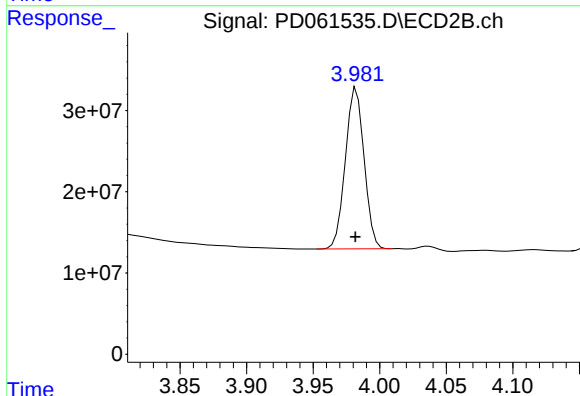
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 18761672
Conc: 23.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

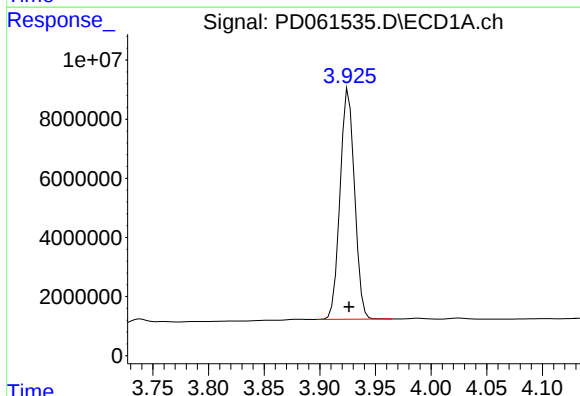
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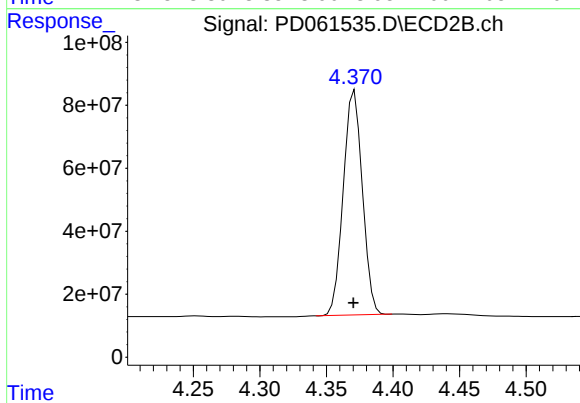
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 194331772
Conc: 23.29 ng/ml



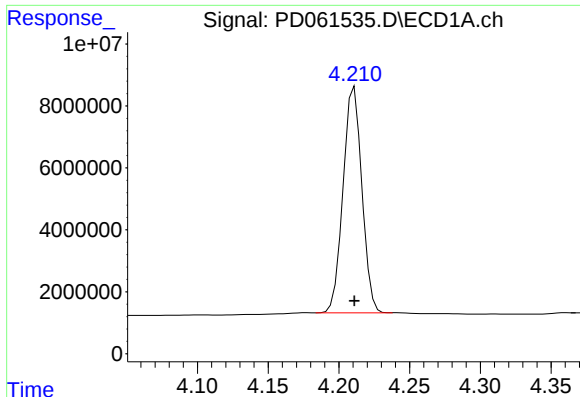
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 70572960
Conc: 57.27 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 713157183
Conc: 55.02 ng/ml



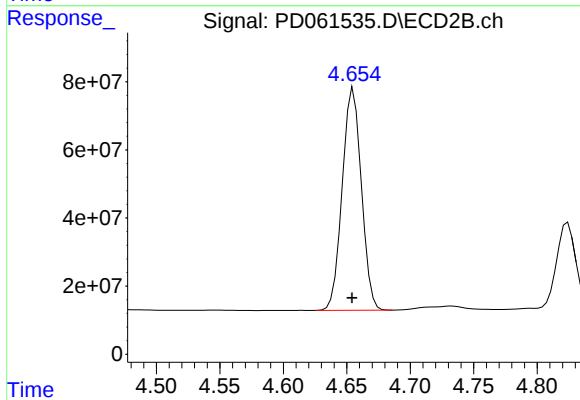
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 67643967
Conc: 57.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

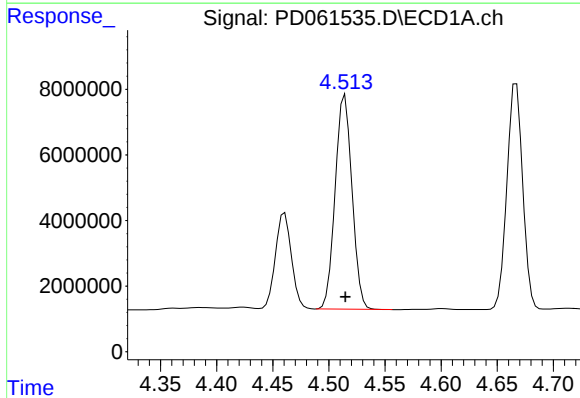
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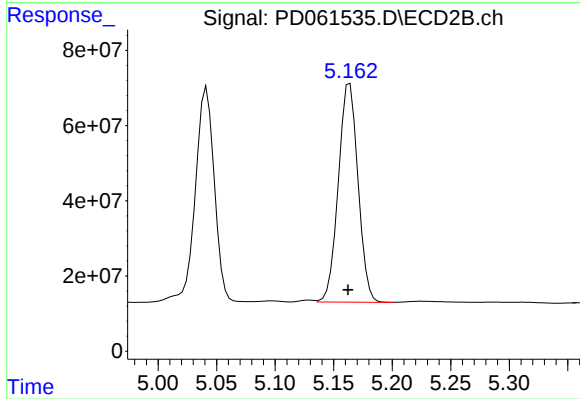
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 683684607
Conc: 56.35 ng/ml



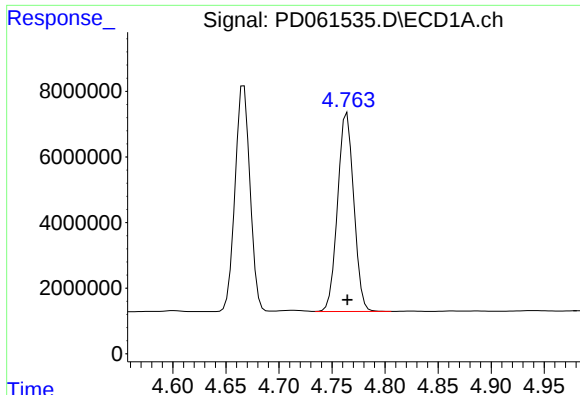
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 68241865
Conc: 55.01 ng/ml



#4 Heptachlor

R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 680198688
Conc: 53.39 ng/ml



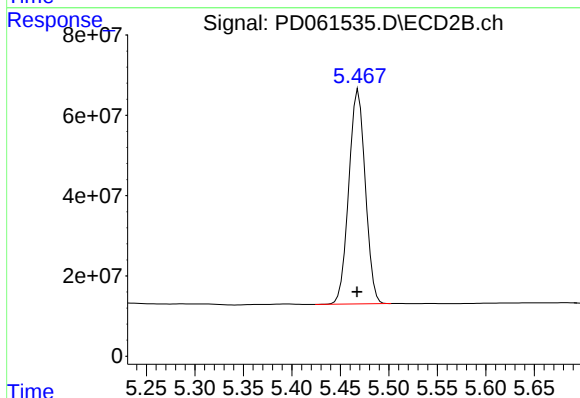
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 64159156
Conc: 54.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

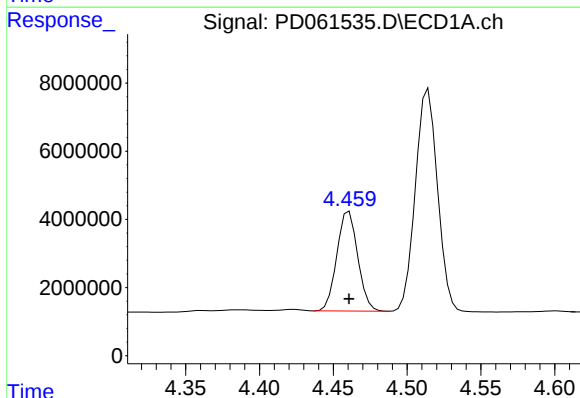
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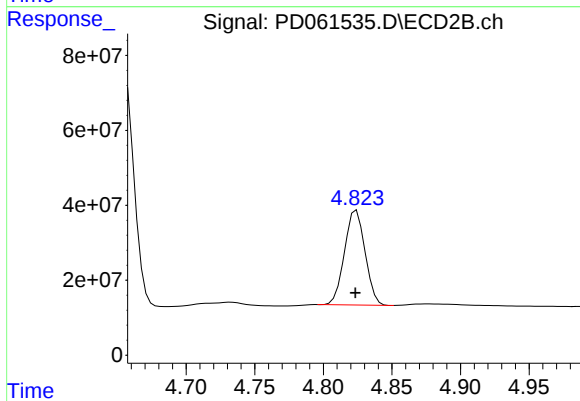
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.001 min
Response: 631436259
Conc: 52.80 ng/ml



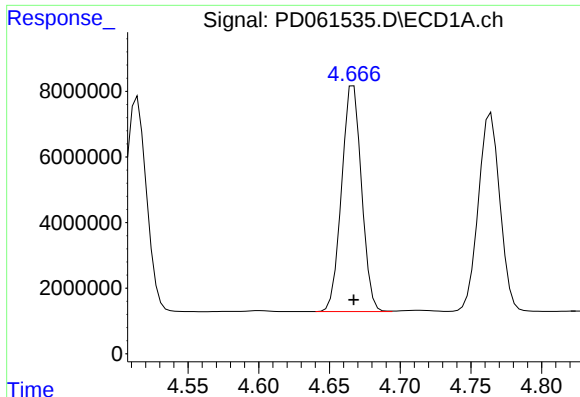
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 28849946
Conc: 54.56 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 264628989
Conc: 54.26 ng/ml



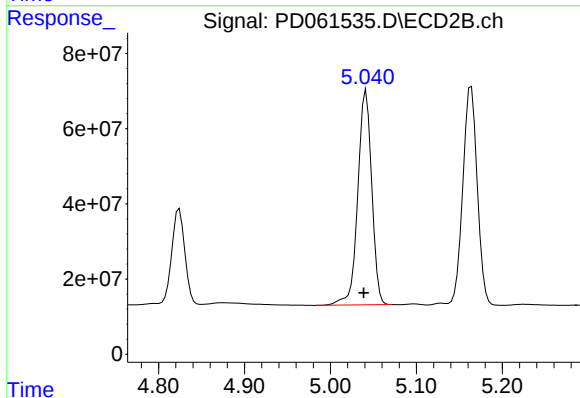
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 67553671
Conc: 57.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

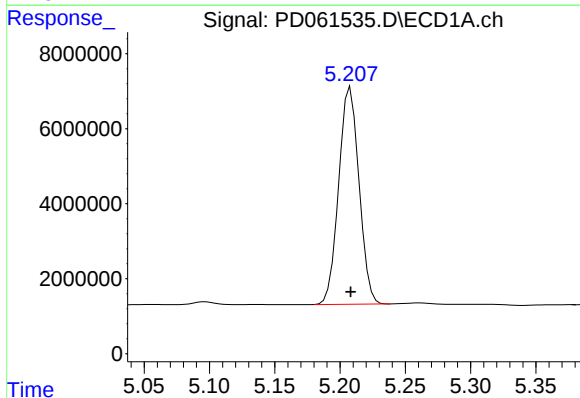
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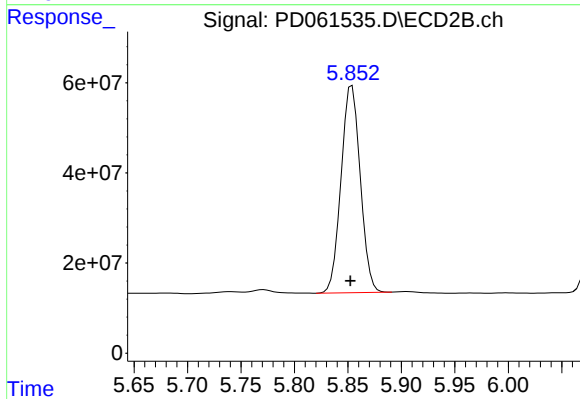
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: 0.003 min
Response: 641405286
Conc: 53.49 ng/ml



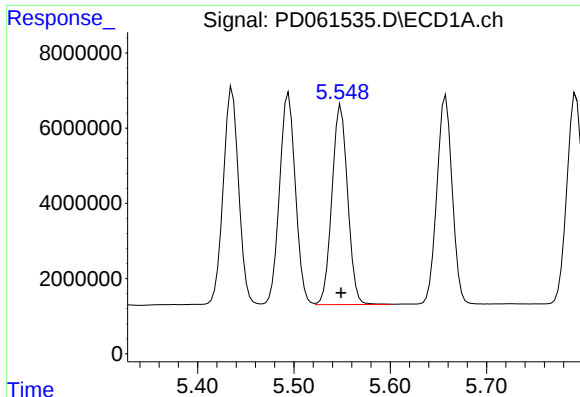
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 62709722
Conc: 55.17 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.001 min
Response: 575249564
Conc: 52.86 ng/ml



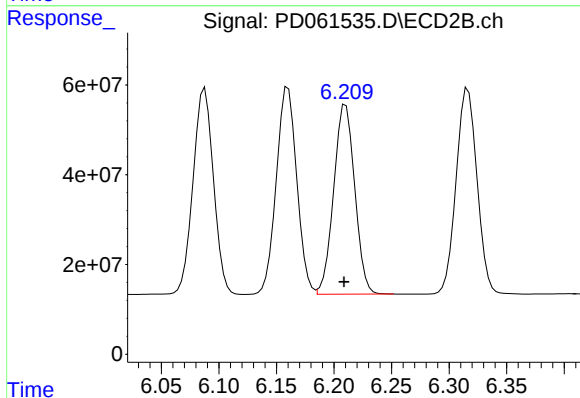
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 60267542
Conc: 55.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

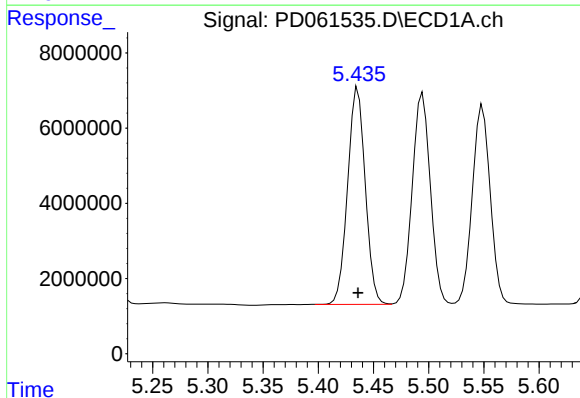
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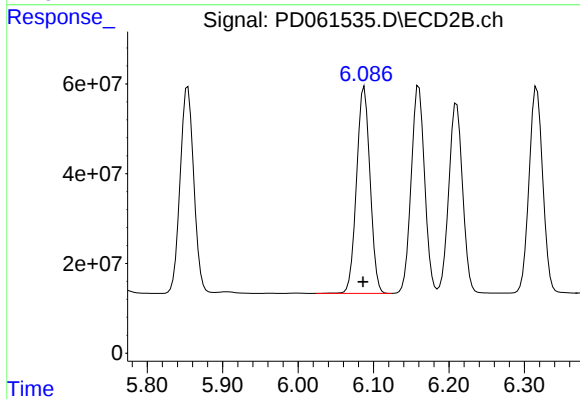
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.002 min
Response: 537940792
Conc: 51.71 ng/ml



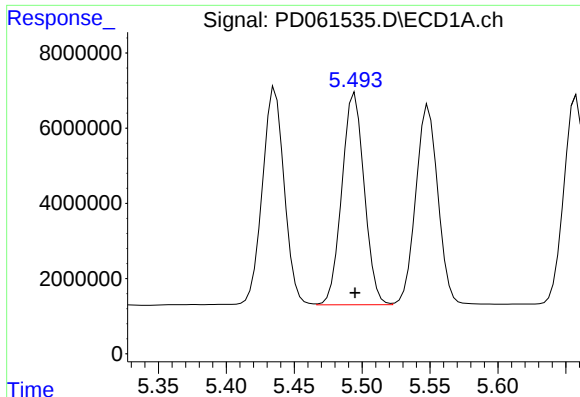
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 64142434
Conc: 55.12 ng/ml m



#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 571958550
Conc: 50.58 ng/ml



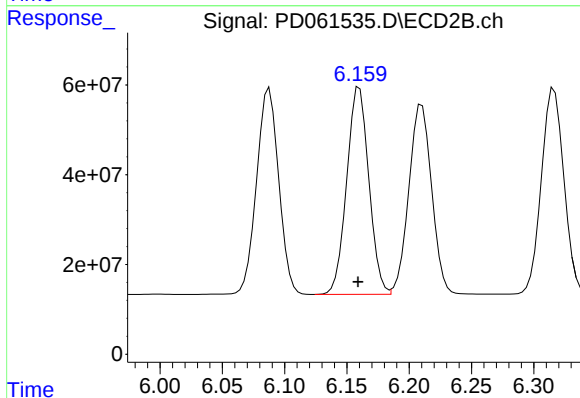
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 64603774
Conc: 55.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

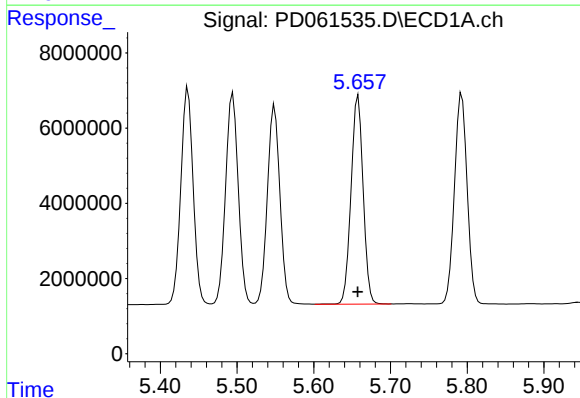
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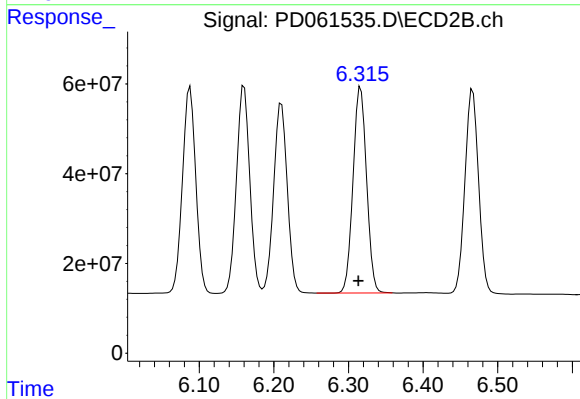
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.001 min
Response: 572965059
Conc: 52.55 ng/ml



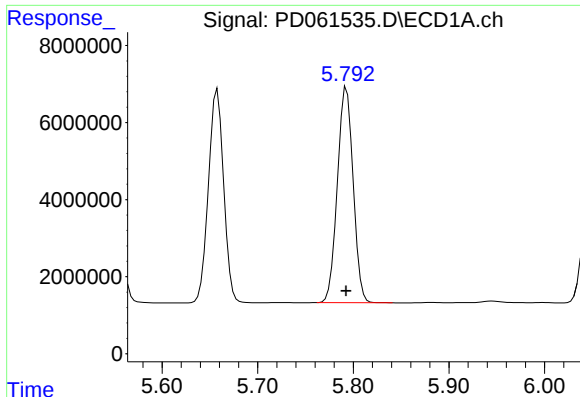
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 61274216
Conc: 55.80 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 578774991
Conc: 52.11 ng/ml



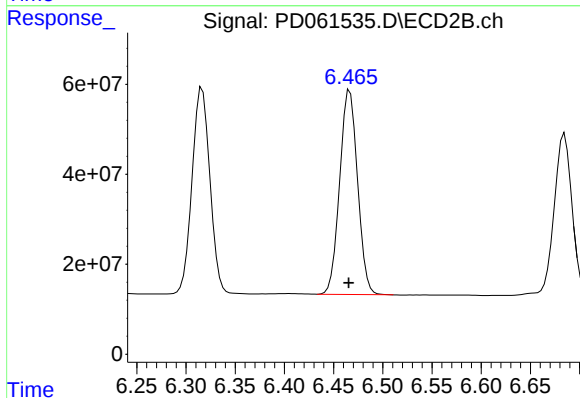
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 64187205
Conc: 55.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

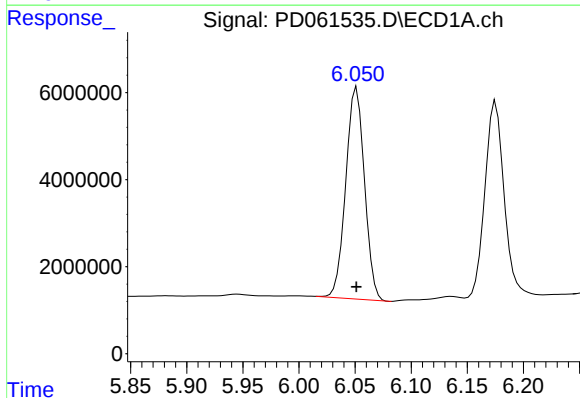
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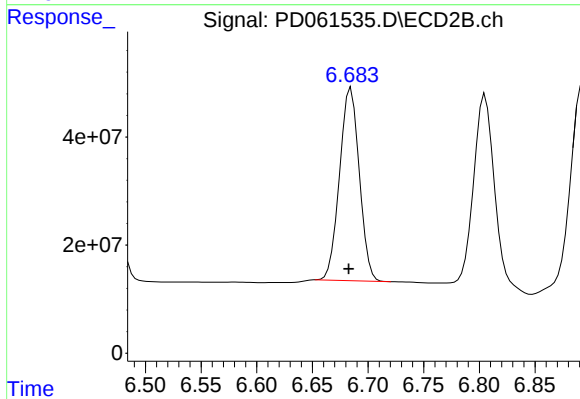
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.001 min
Response: 575614637
Conc: 52.09 ng/ml



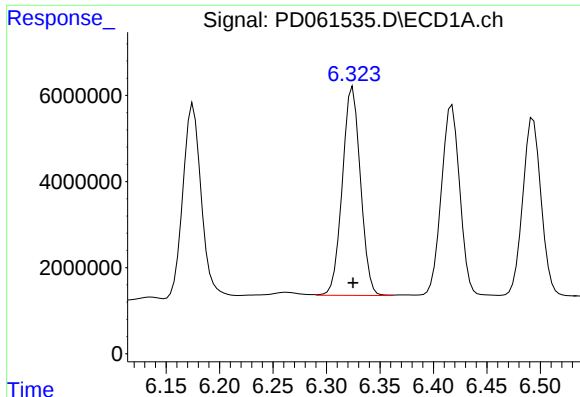
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 56462669
Conc: 53.46 ng/ml



#14 Endrin

R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 439550338
Conc: 46.89 ng/ml



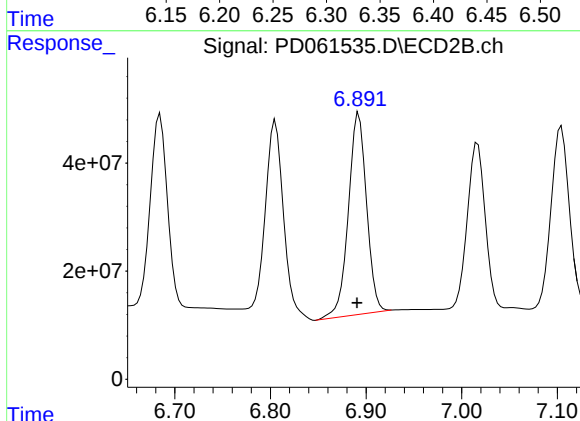
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 57226811
Conc: 57.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

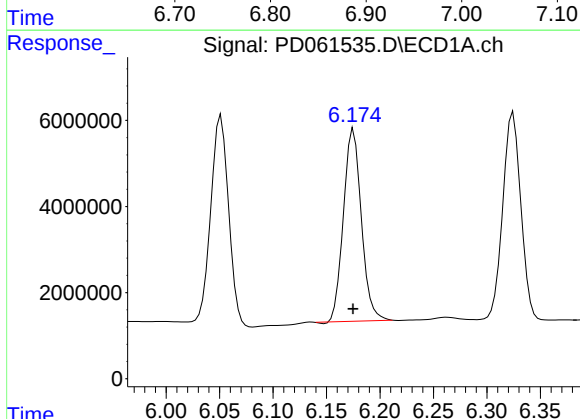
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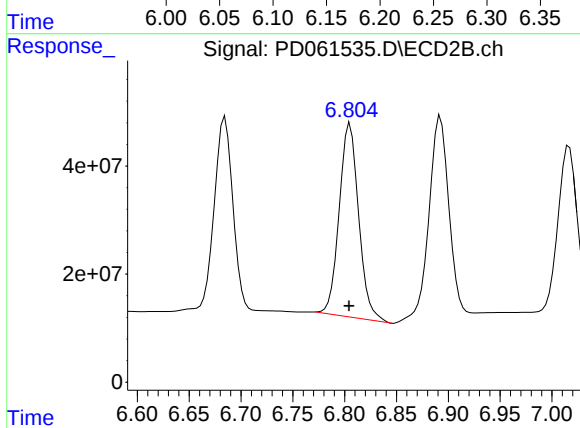
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.002 min
Response: 493573102
Conc: 55.20 ng/ml



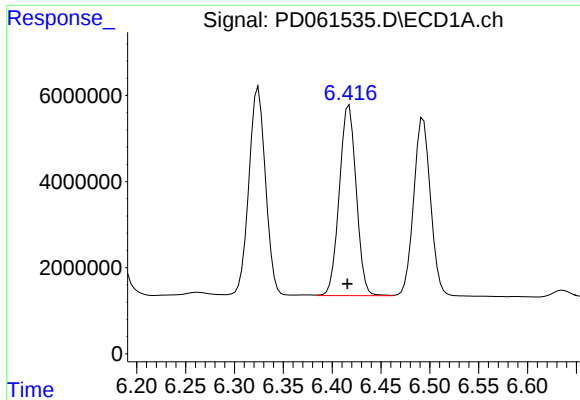
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 52153787
Conc: 56.13 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 465518791
Conc: 52.00 ng/ml



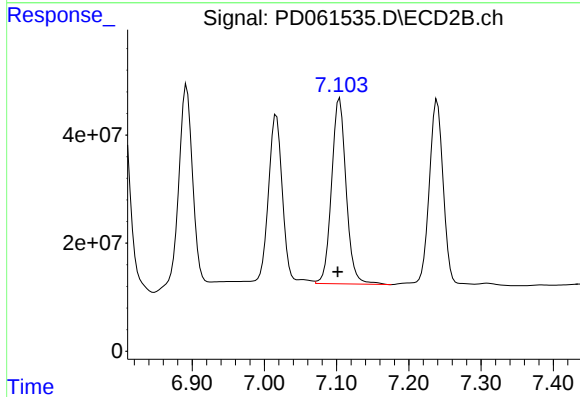
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 53306516
Conc: 53.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

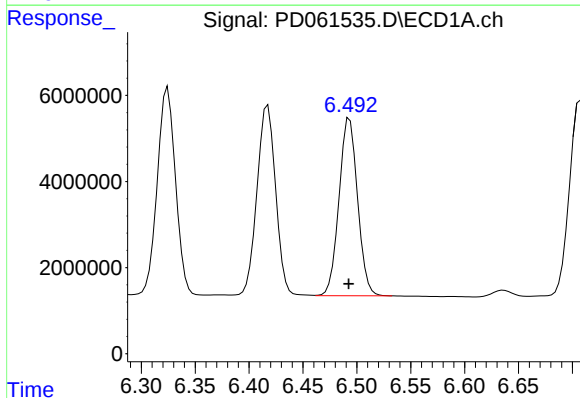
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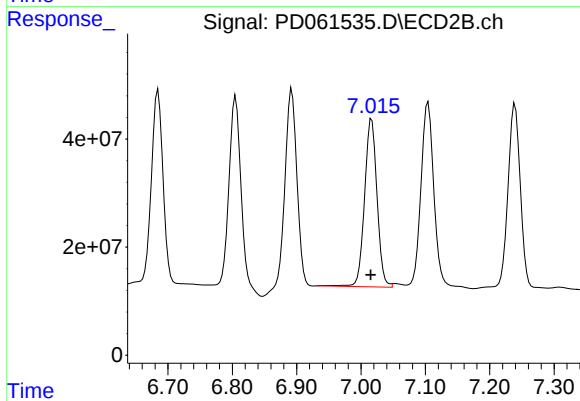
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.003 min
Response: 483218831
Conc: 52.24 ng/ml



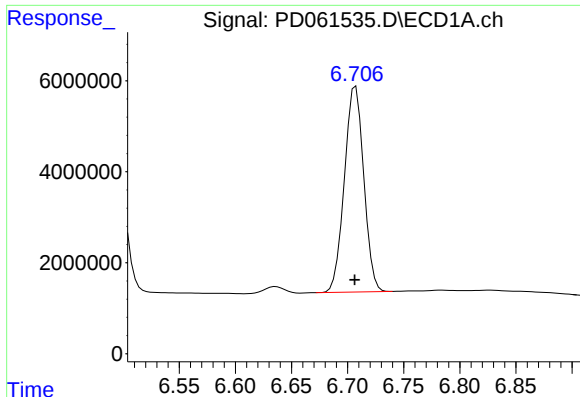
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 49443227
Conc: 59.87 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 417915671
Conc: 58.18 ng/ml



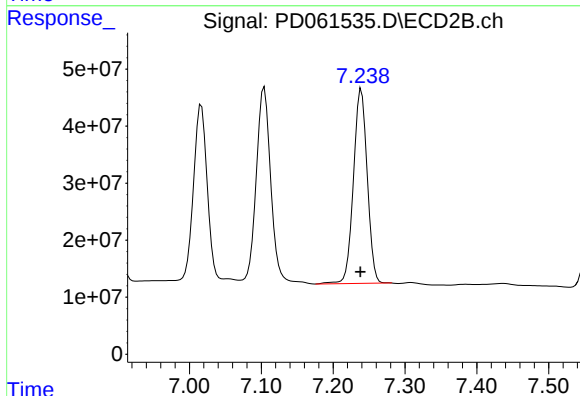
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 54266120
Conc: 52.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

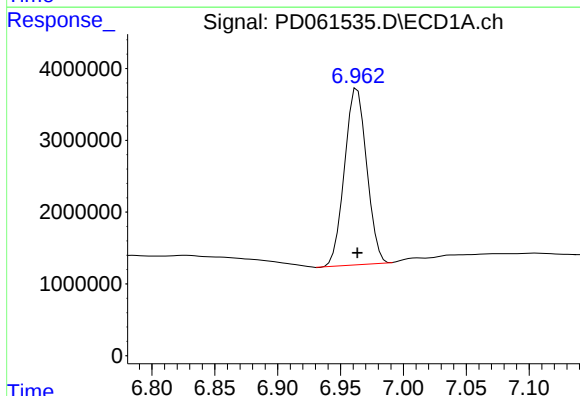
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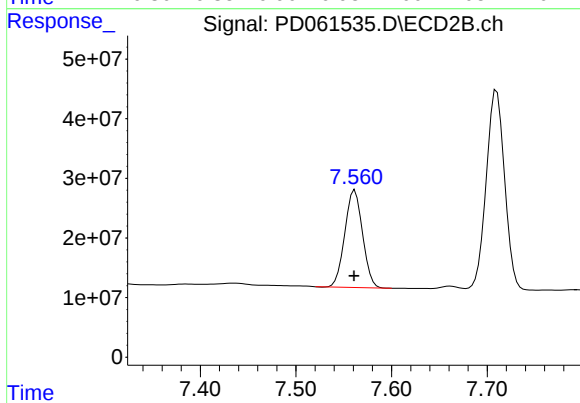
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 453434500
Conc: 49.23 ng/ml



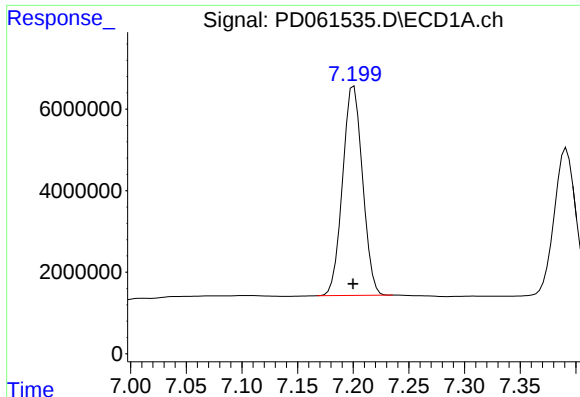
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 30087358
Conc: 53.38 ng/ml



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 211013060
Conc: 45.61 ng/ml



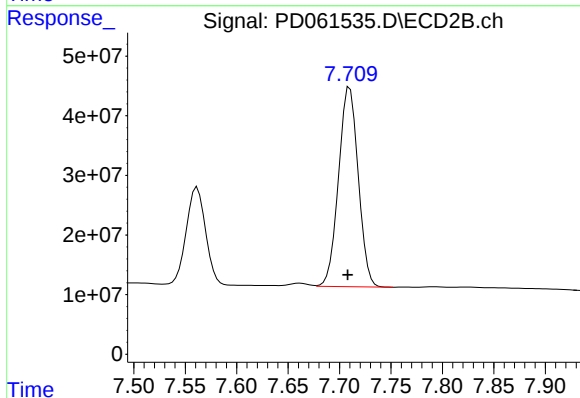
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 64157910
Conc: 51.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

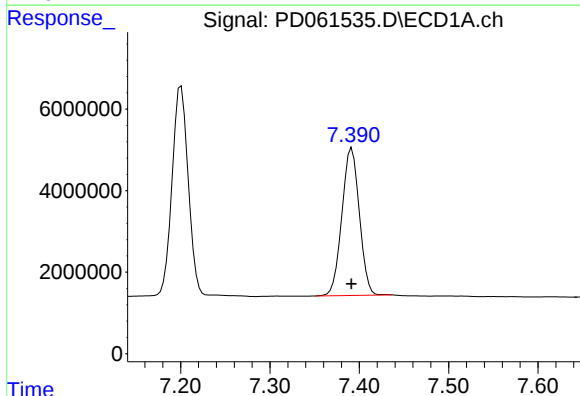
Manual Integrations
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3/12/2021 11:36:30 AM



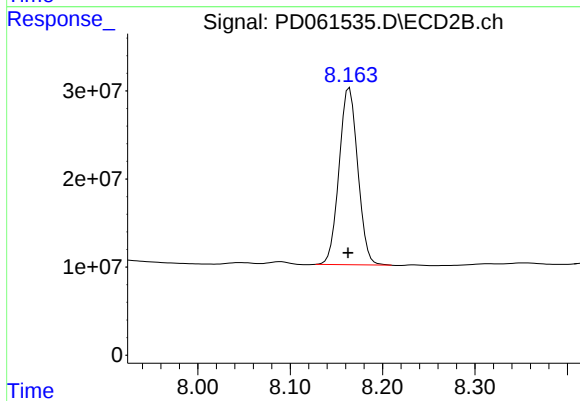
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.002 min
Response: 445489344
Conc: 48.29 ng/ml



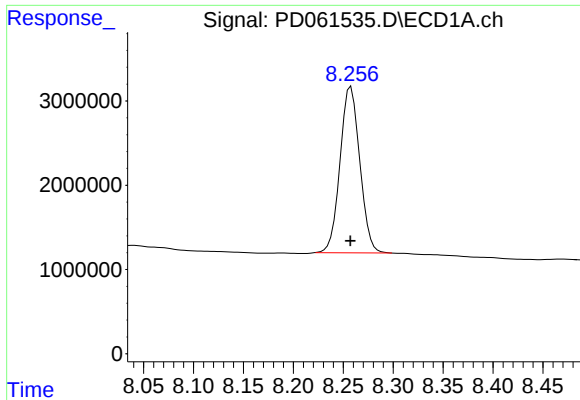
#22 Mirex

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 49030182
Conc: 49.45 ng/ml



#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.002 min
Response: 282585953
Conc: 46.53 ng/ml



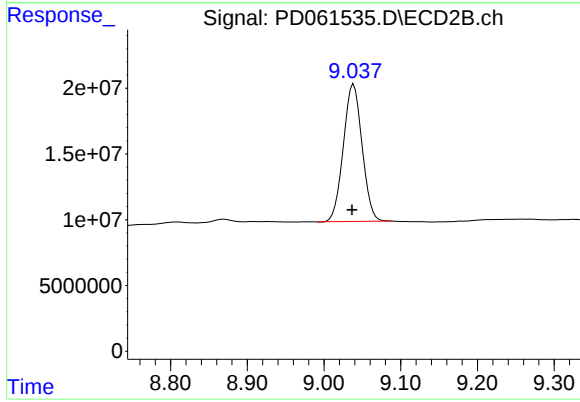
#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 27160318
Conc: 22.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-BPM-04-015-ABCDMS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.002 min
Response: 177925725
Conc: 20.62 ng/ml