

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
 Data File : PD061720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 13:56
 Operator : AR\AJ
 Sample : PB135223BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB135223BSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 06:32:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 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...	3.485	3.981	18010240	186.6E6	21.071	21.752
28)	SA Decachlor...	8.260	9.042	25207544	165.7E6	20.597	19.063
Target Compounds							
2)	A alpha-BHC	3.925	4.370	69751651	704.0E6	53.634	55.356
3)	MA gamma-BHC...	4.210	4.655	65530518	642.5E6	54.288	55.144
4)	MA Heptachlor	4.514	5.163	61229651	643.6E6	52.002	53.214
5)	MB Aldrin	4.764	5.468	63142825	627.9E6	52.149	52.257
6)	B beta-BHC	4.460	4.824	27649256	254.1E6	49.279	52.617
7)	B delta-BHC	4.666	5.041	65500395	649.0E6	52.989	53.810
8)	B Heptachlo...	5.208	5.854	60788922	581.3E6	52.689	54.554
9)	A Endosulfan I	5.549	6.211	58065630	547.5E6	52.429	52.393
10)	B gamma-Chl...	5.434	6.088	62232067	597.5E6	52.419m	52.941
11)	B alpha-Chl...	5.495	6.161	62101262	578.5E6	52.986	52.976
12)	B 4,4'-DDE	5.658	6.317	59763064	583.5E6	52.655	52.605
13)	MA Dieldrin	5.793	6.467	62820185	588.8E6	53.765	52.734
14)	MA Endrin	6.051	6.685	48152204	424.8E6	45.777	45.375
15)	B Endosulfa...	6.325	6.893	57297879	502.3E6	55.449	54.189
16)	A 4,4'-DDD	6.176	6.807	53298678	489.9E6	55.657	54.186
17)	MA 4,4'-DDT	6.418	7.106	48860053	442.0E6	48.609	44.836
18)	B Endrin al...	6.494	7.018	50457952	439.6E6	57.875	57.856
19)	B Endosulfa...	6.707	7.241	55452525	481.2E6	51.352	49.749
20)	A Methoxychlor	6.964	7.563	26727191	212.3E6	48.827	45.793
21)	B Endrin ke...	7.201	7.711	73824598	509.8E6	56.863	52.998
22)	Mirex	7.392	8.166	48575225	307.3E6	50.704	52.360

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
 Data File : PD061720.D
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 Acq On : 18 Mar 2021 13:56
 Operator : AR\AJ
 Sample : PB135223BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

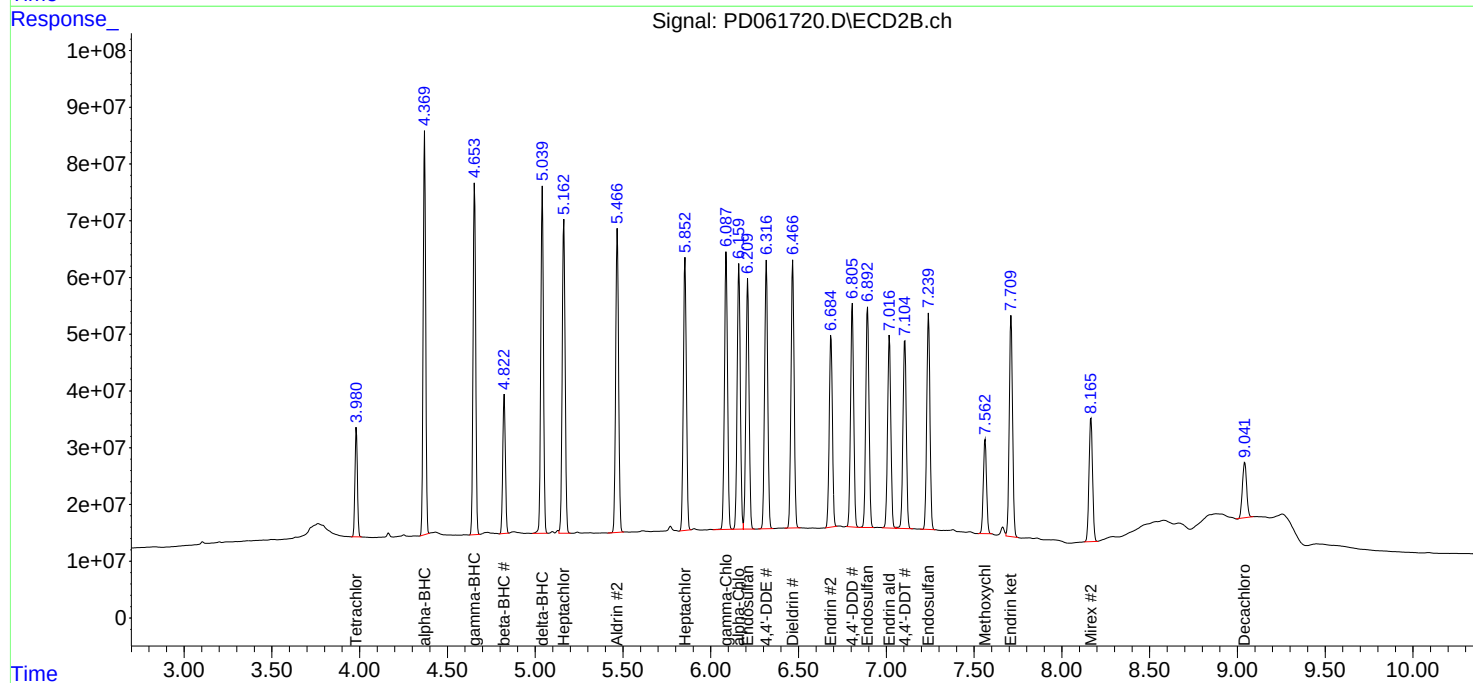
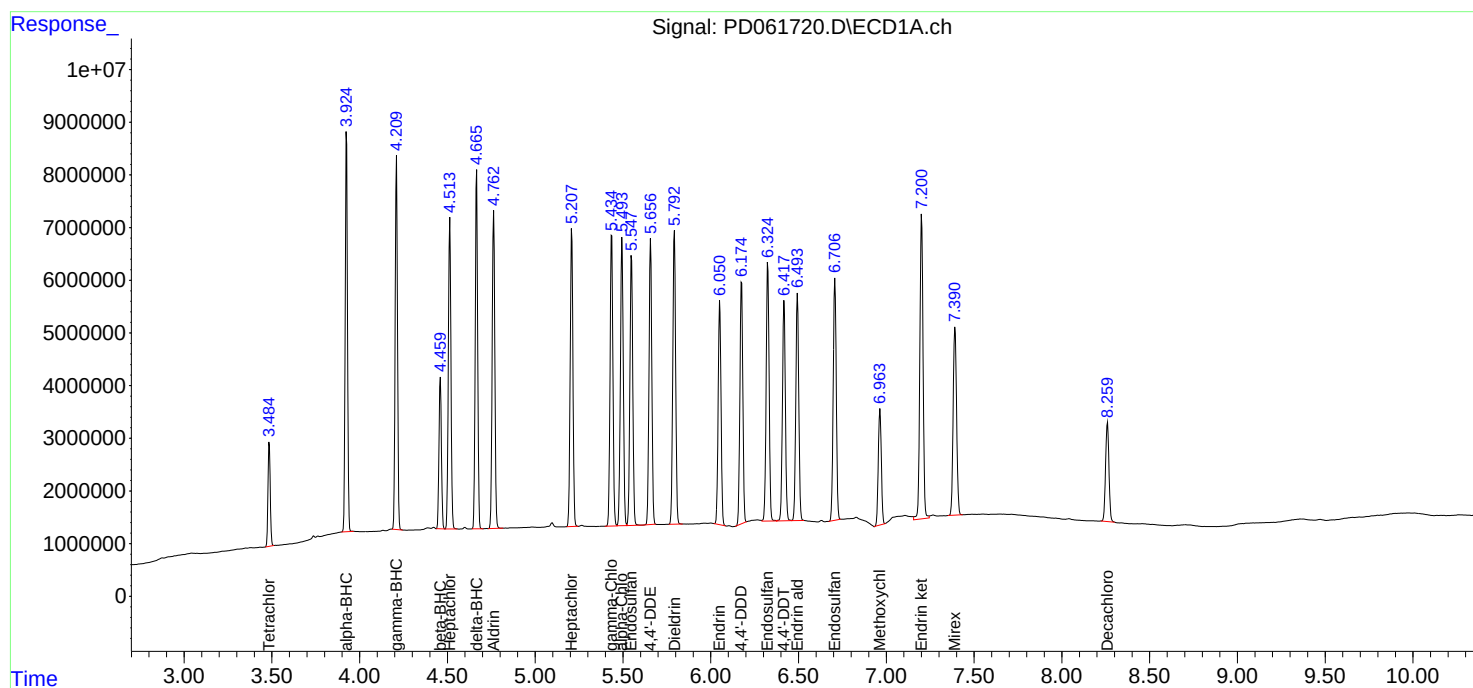
Instrument :
 ECD_D
 ClientSampleId :
 PB135223BSD

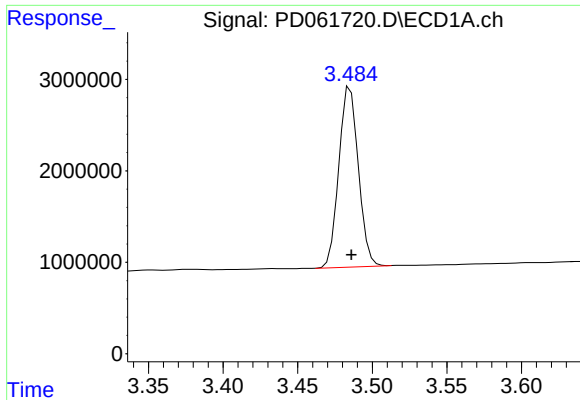
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 06:32:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





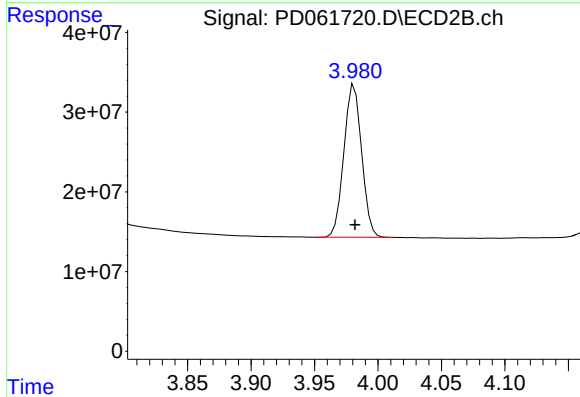
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 18010240
Conc: 21.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

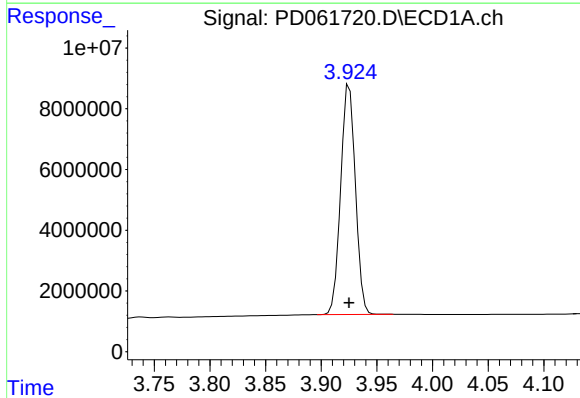
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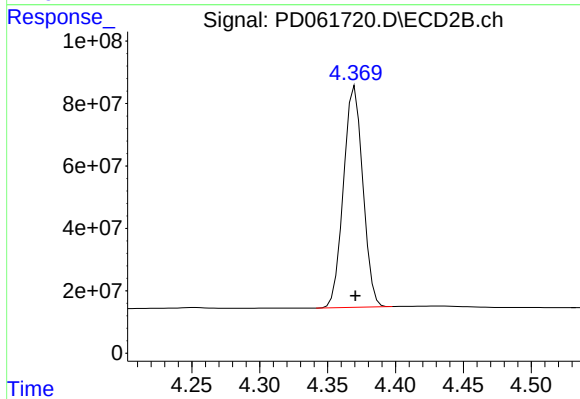
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 186613878
Conc: 21.75 ng/ml



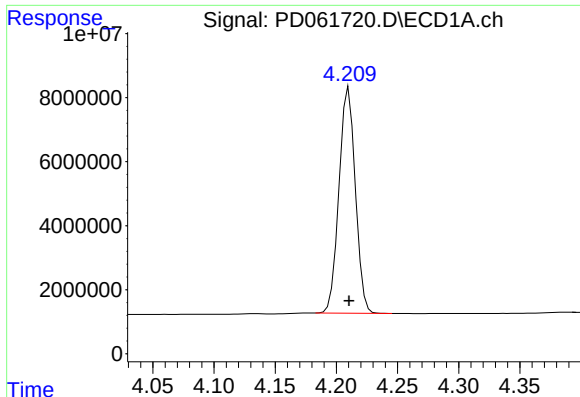
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 69751651
Conc: 53.63 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 703958918
Conc: 55.36 ng/ml



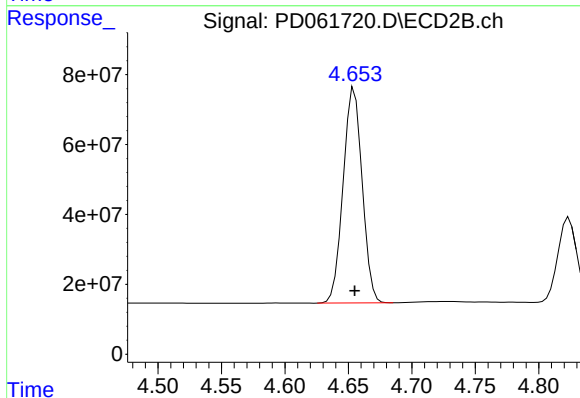
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 65530518
Conc: 54.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

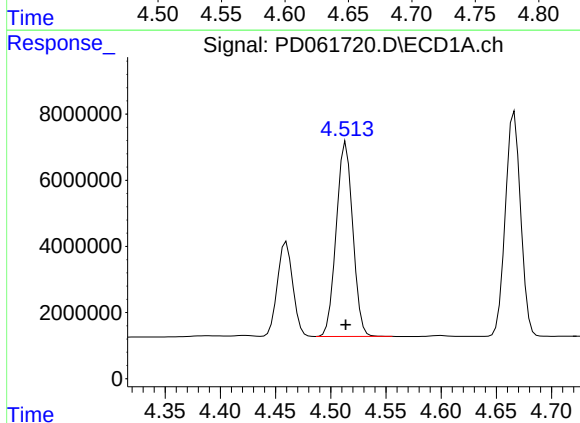
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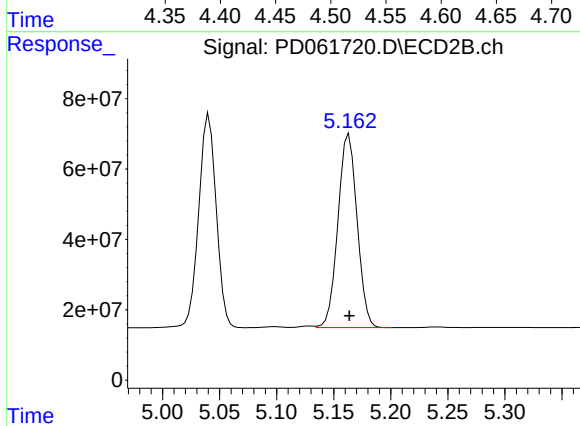
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 642524967
Conc: 55.14 ng/ml



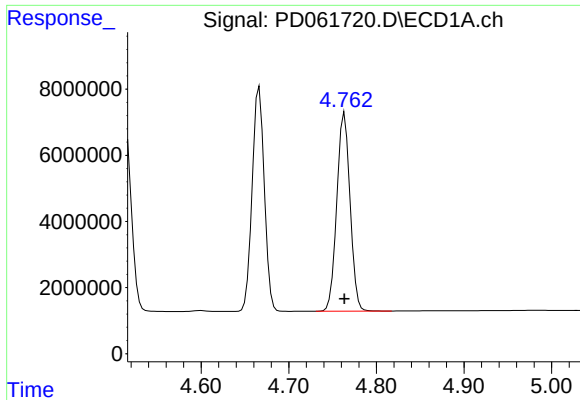
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 61229651
Conc: 52.00 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 643642363
Conc: 53.21 ng/ml



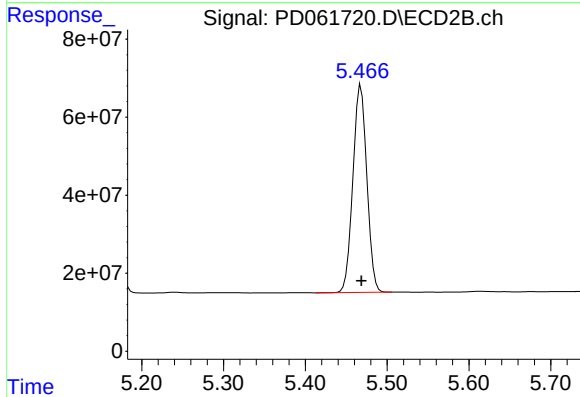
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 63142825
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

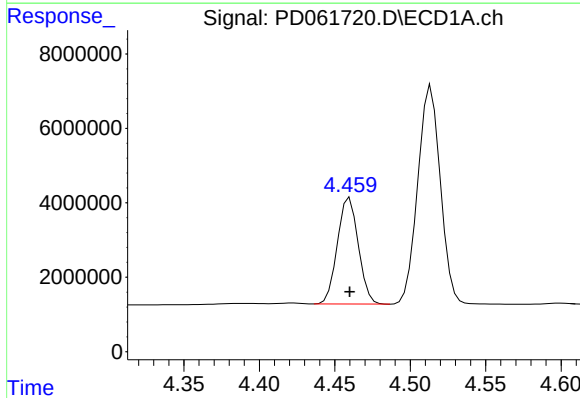
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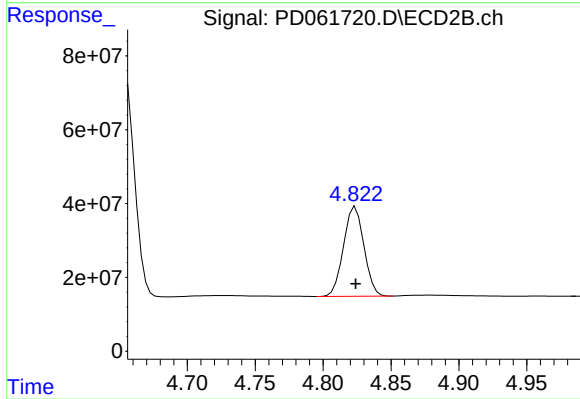
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 627854234
Conc: 52.26 ng/ml



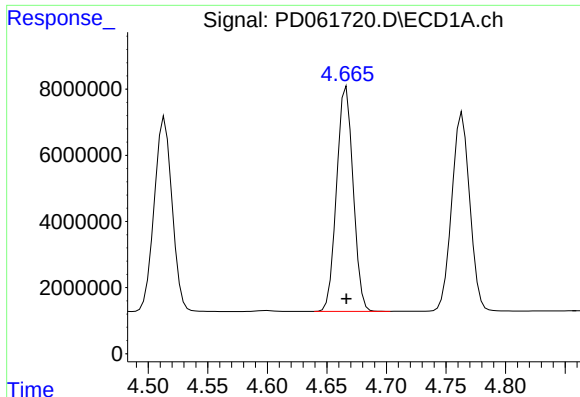
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 27649256
Conc: 49.28 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 254076638
Conc: 52.62 ng/ml



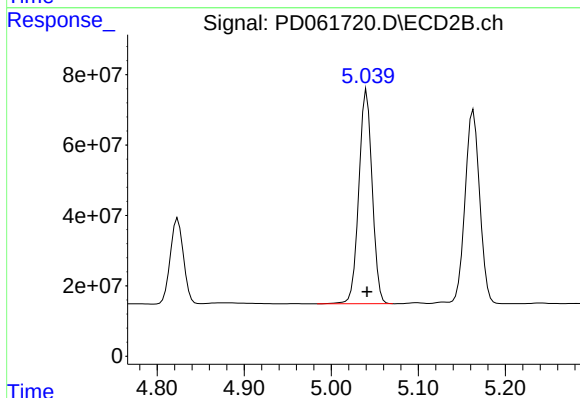
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 65500395
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

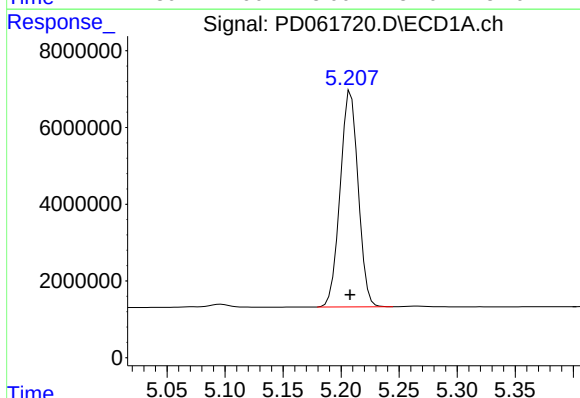
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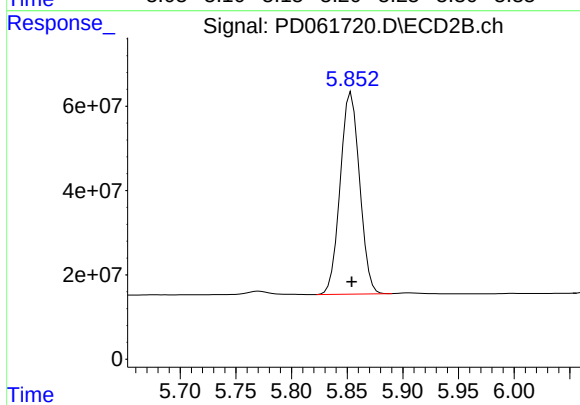
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 649021762
Conc: 53.81 ng/ml



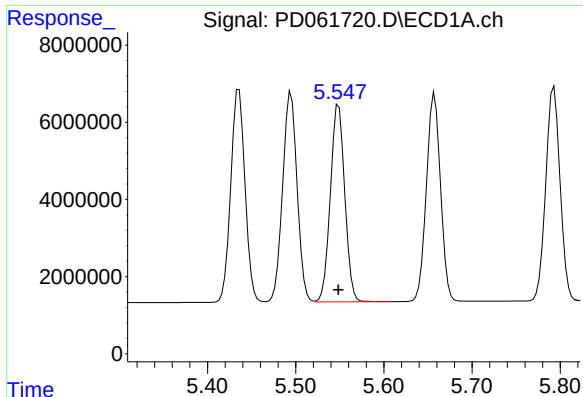
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 60788922
Conc: 52.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 581298689
Conc: 54.55 ng/ml



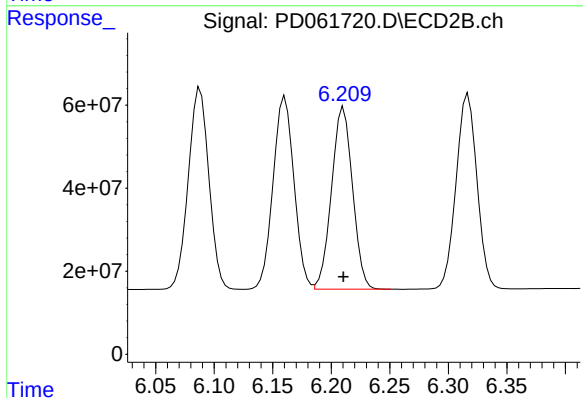
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 58065630
Conc: 52.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

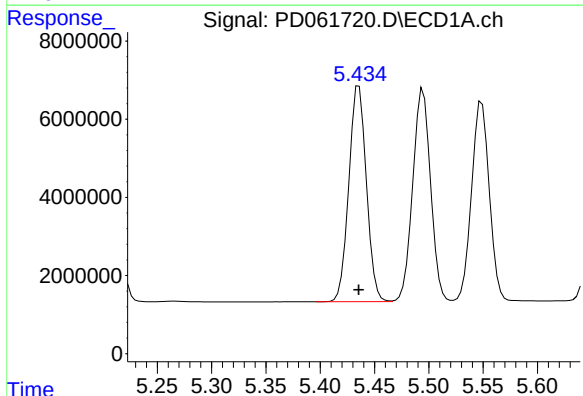
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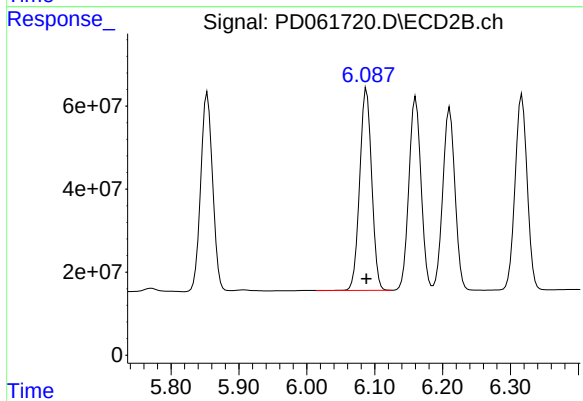
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 547481297
Conc: 52.39 ng/ml



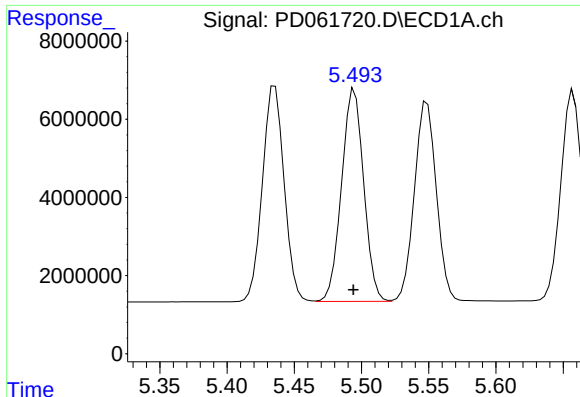
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 62232067
Conc: 52.42 ng/ml m



#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 597495439
Conc: 52.94 ng/ml



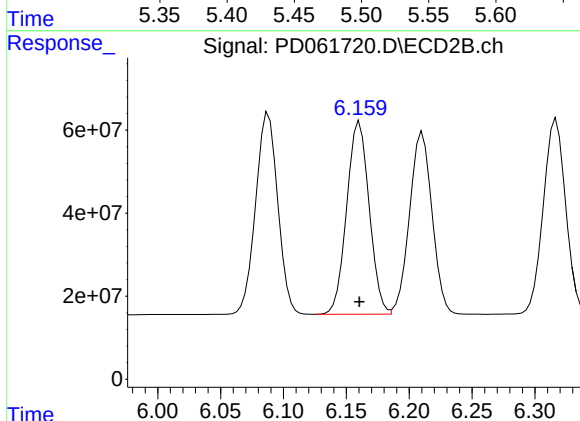
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 62101262
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

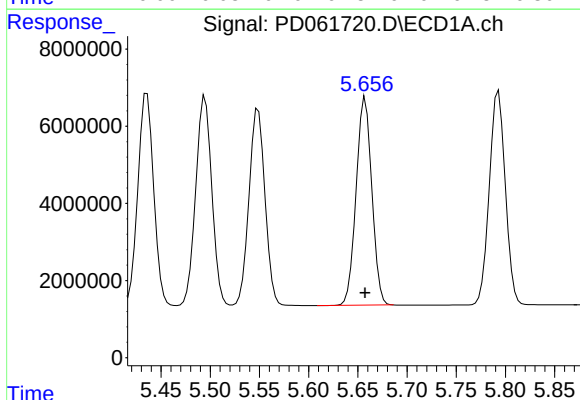
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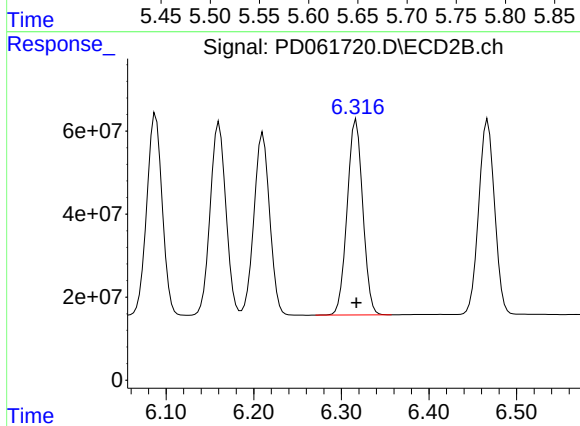
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 578545104
Conc: 52.98 ng/ml



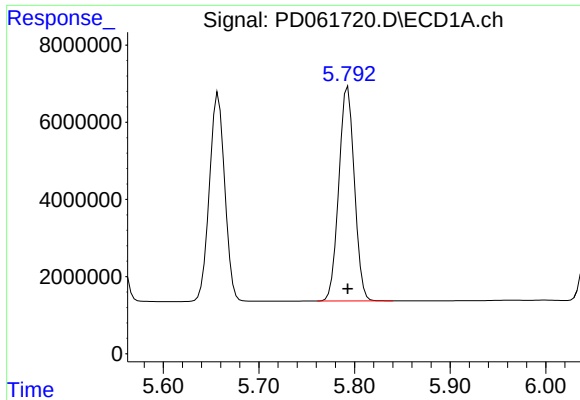
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 59763064
Conc: 52.66 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 583510021
Conc: 52.61 ng/ml



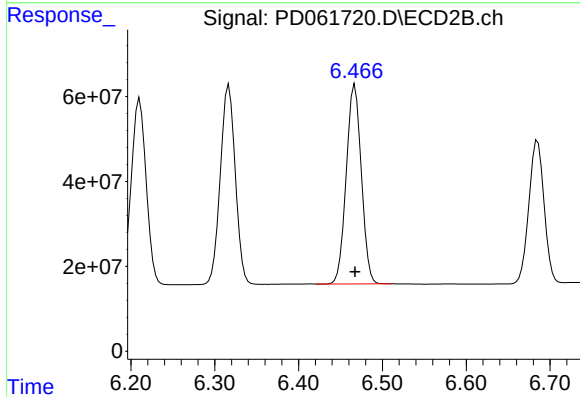
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 62820185
Conc: 53.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

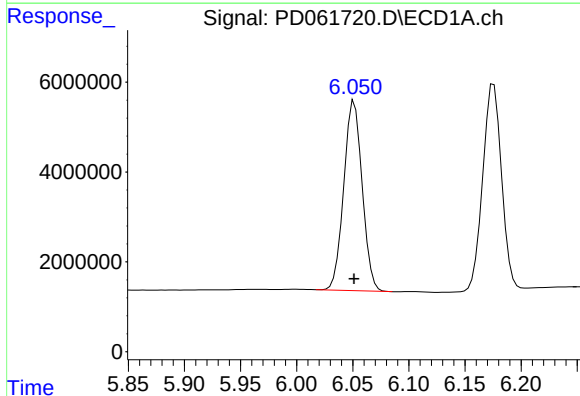
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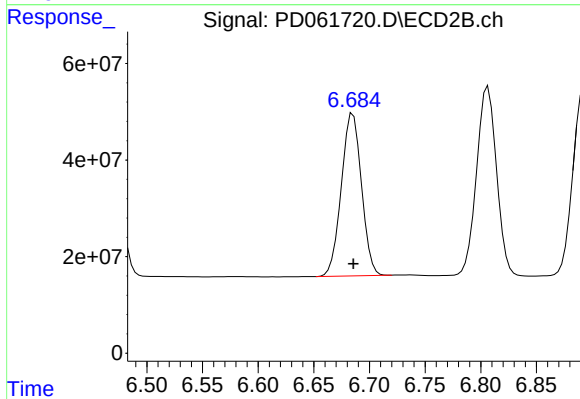
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 588792174
Conc: 52.73 ng/ml



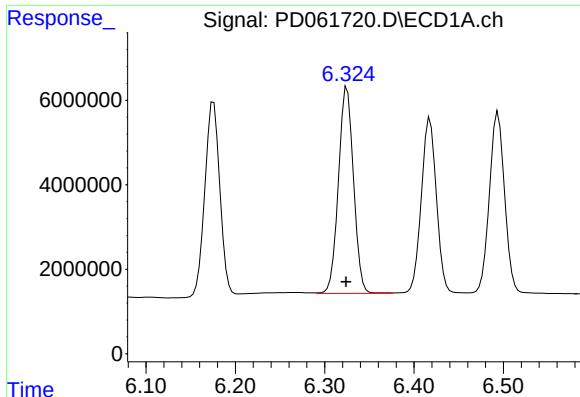
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 48152204
Conc: 45.78 ng/ml



#14 Endrin

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 424823289
Conc: 45.38 ng/ml



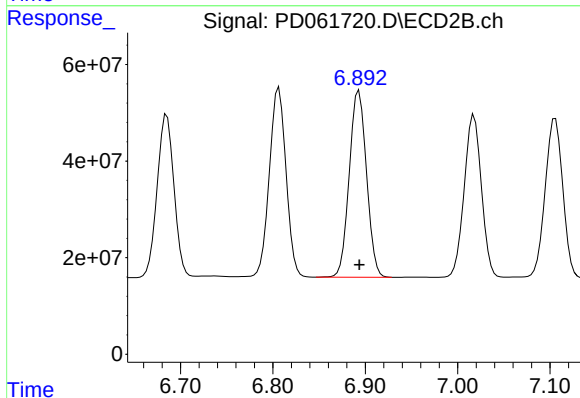
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 57297879
Conc: 55.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

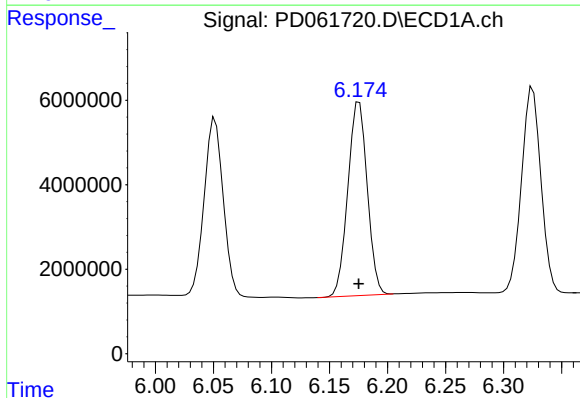
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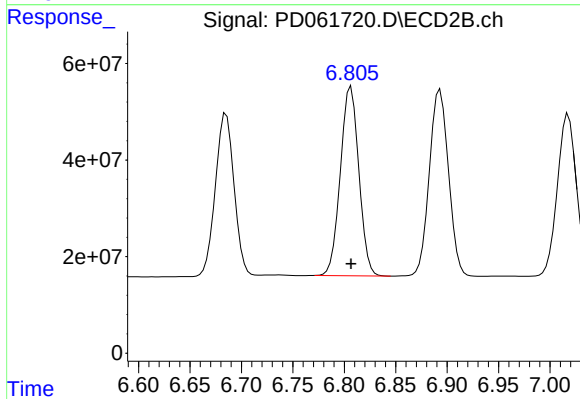
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 502343596
Conc: 54.19 ng/ml



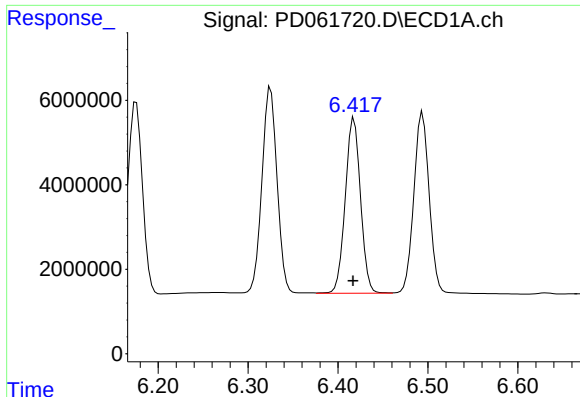
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 53298678
Conc: 55.66 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 489943248
Conc: 54.19 ng/ml



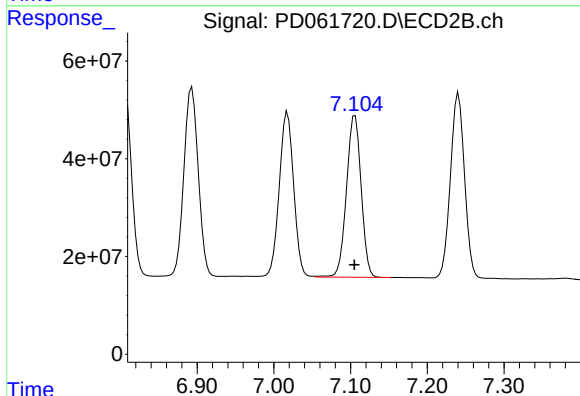
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.001 min
Response: 48860053
Conc: 48.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

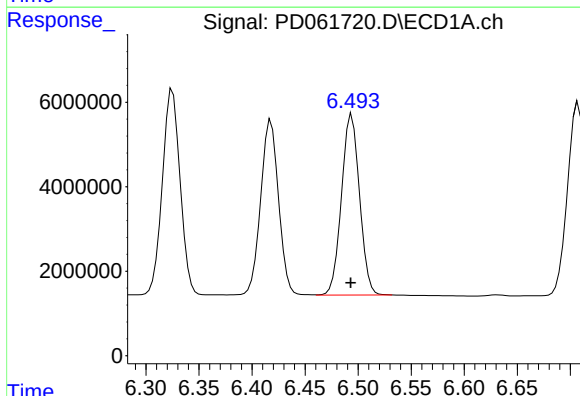
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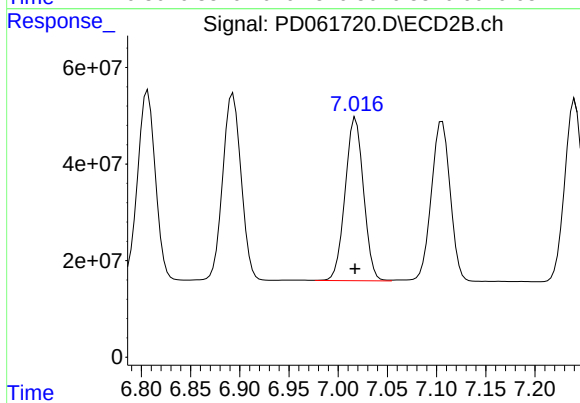
#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 442018257
Conc: 44.84 ng/ml



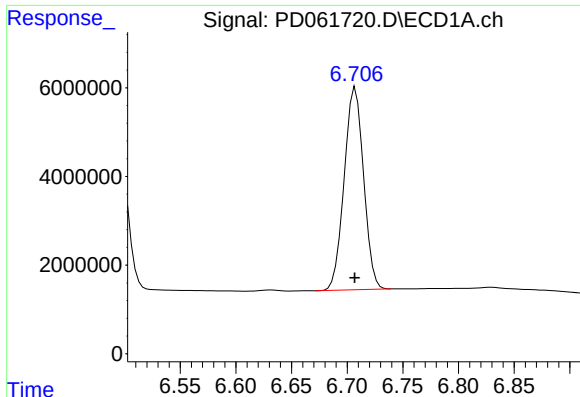
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 50457952
Conc: 57.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 439554068
Conc: 57.86 ng/ml



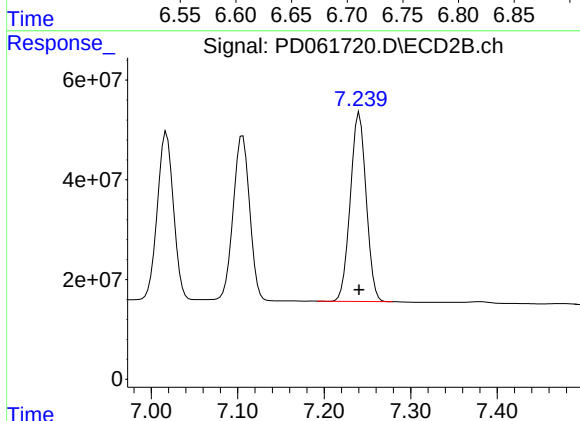
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 55452525
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

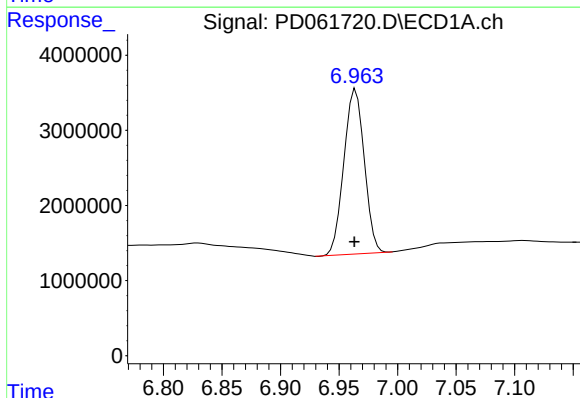
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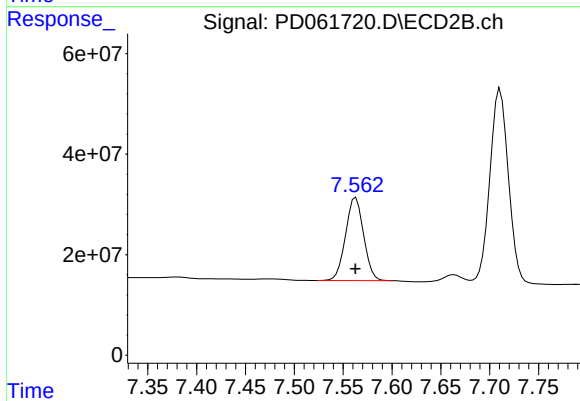
#19 Endosulfan Sulfate

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 481234351
Conc: 49.75 ng/ml



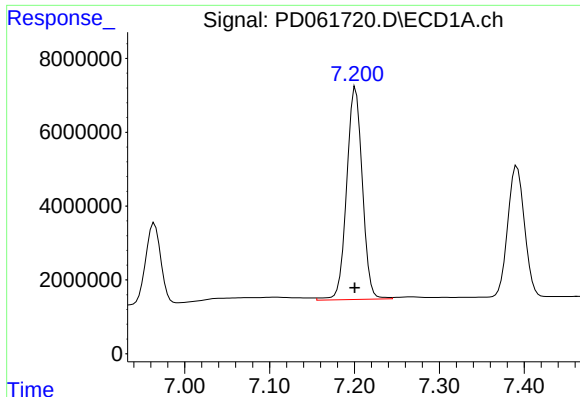
#20 Methoxychlor

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 26727191
Conc: 48.83 ng/ml



#20 Methoxychlor

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 212265384
Conc: 45.79 ng/ml



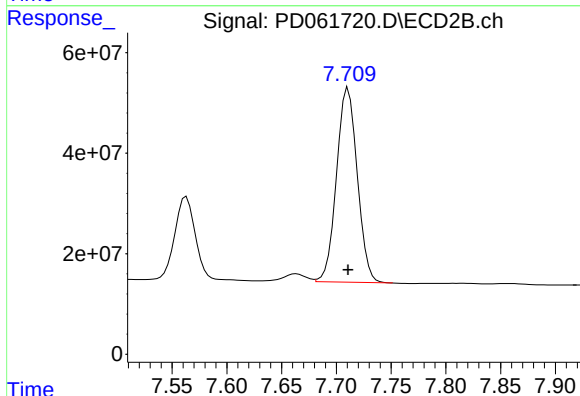
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 73824598
Conc: 56.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

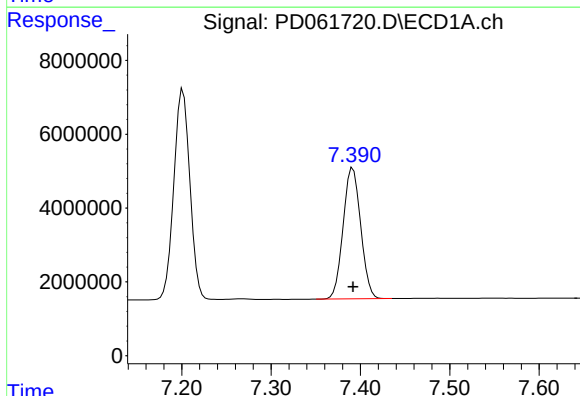
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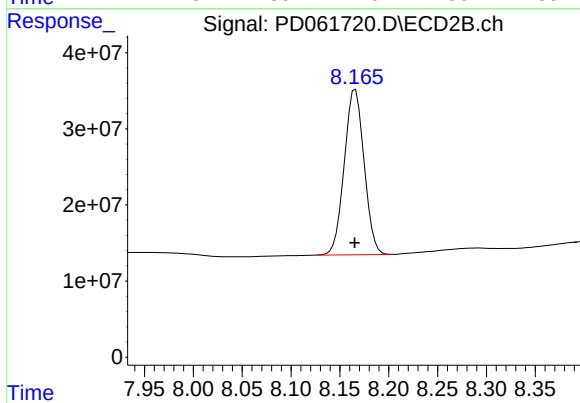
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 509837092
Conc: 53.00 ng/ml



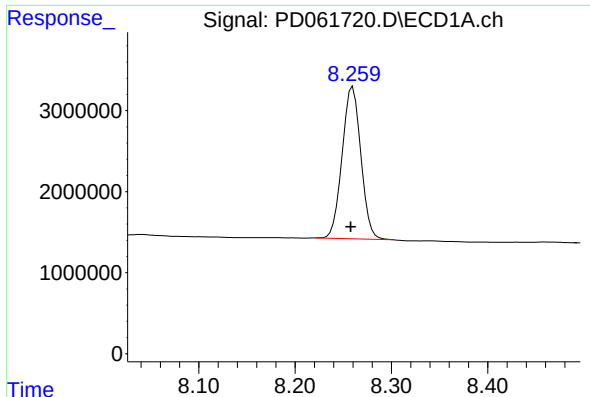
#22 Mirex

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 48575225
Conc: 50.70 ng/ml



#22 Mirex

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 307280527
Conc: 52.36 ng/ml



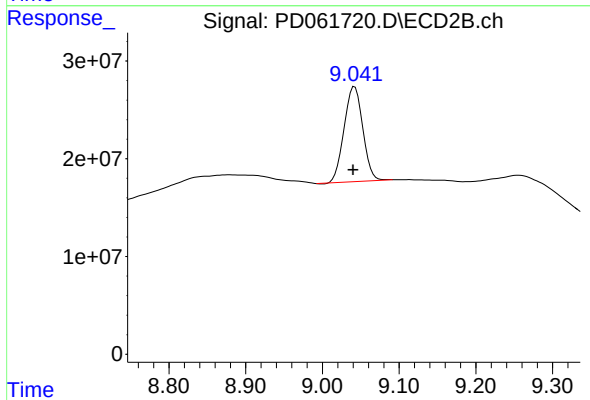
#28 Decachlorobiphenyl

R.T.: 8.260 min
Delta R.T.: 0.002 min
Response: 25207544
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135223BSD

Manual Integrations
APPROVED

Ankita
3/19/2021 10:24:03 AM



#28 Decachlorobiphenyl

R.T.: 9.042 min
Delta R.T.: 0.002 min
Response: 165715348
Conc: 19.06 ng/ml