

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 16:15
 Operator : AR\AJ
 Sample : PB156664BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156664BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2023
 Supervised By : Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:53:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	23814109	35021703	14.749	15.126
28)	SA Decachlor...	9.117	7.955	31503066	39872600	15.704	16.358
Target Compounds							
2)	A alpha-BHC	4.027	3.310	107.7E6	146.7E6	40.451	42.322
3)	MA gamma-BHC...	4.361	3.639	100.4E6	138.4E6	38.637	40.746
4)	MA Heptachlor	4.953	3.982	108.0E6	134.2E6	40.373	43.953
5)	MB Aldrin	5.297	4.264	101.7E6	135.2E6	39.453	41.322
6)	B beta-BHC	4.553	3.934	42039341	55700551	39.231	39.529
7)	B delta-BHC	4.801	4.166	103.1E6	138.0E6	38.526m	41.229
8)	B Heptachlo...	5.723	4.766	94607646	126.1E6	40.367	42.543
9)	A Endosulfan I	6.110	5.136	89134610	112.3E6	41.115	42.424
10)	B gamma-Chl...	5.979	5.016	94115194	122.0E6	41.050	42.504
11)	B alpha-Chl...	6.059	5.081	92769543	119.4E6	40.685	41.617
12)	B 4,4'-DDE	6.229	5.269	87406901	115.9E6	41.365	43.550
13)	MA Dieldrin	6.386	5.401	93119825	124.4E6	39.985	41.876
14)	MA Endrin	6.615	5.676	79729483	111.8E6	40.937	43.706
15)	B Endosulfa...	6.833	5.968	78378349	101.7E6	38.428	40.748
16)	A 4,4'-DDD	6.746	5.823	72645548	99305207	41.324	43.474
17)	MA 4,4'-DDT	7.061	6.075	79598030	99837439	42.034	43.609
18)	B Endrin al...	6.962	6.148	61583023	78985575	39.877m	42.481
19)	B Endosulfa...	7.197	6.370	80770181	101.6E6	40.626	43.499
20)	A Methoxychlor	7.535	6.650	42513347	55425823	38.797	40.825
21)	B Endrin ke...	7.684	6.877	86249630	118.1E6	39.561	42.244
22)	Mirex	8.161	7.062	65900509	91167206	38.933	42.675

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
Data File : PD079179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Oct 2023 16:15
Operator : AR\AJ
Sample : PB156664BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

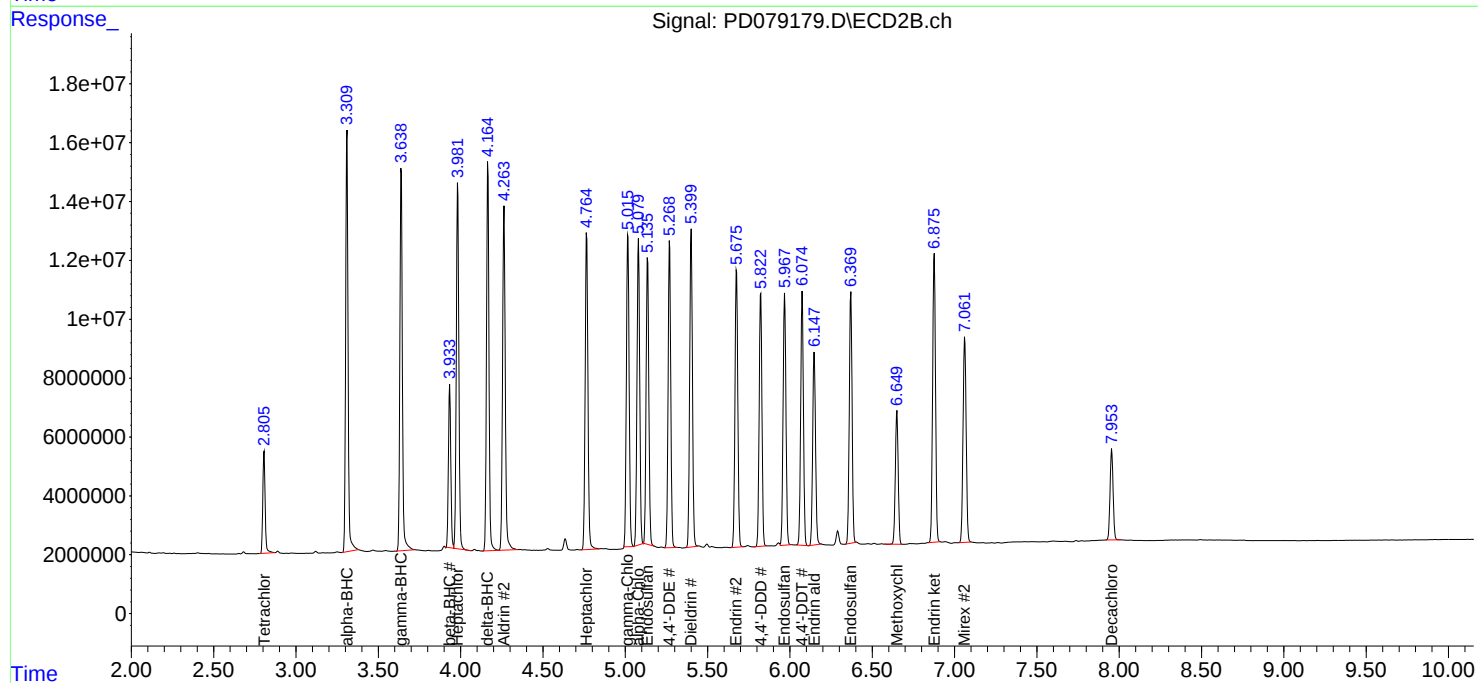
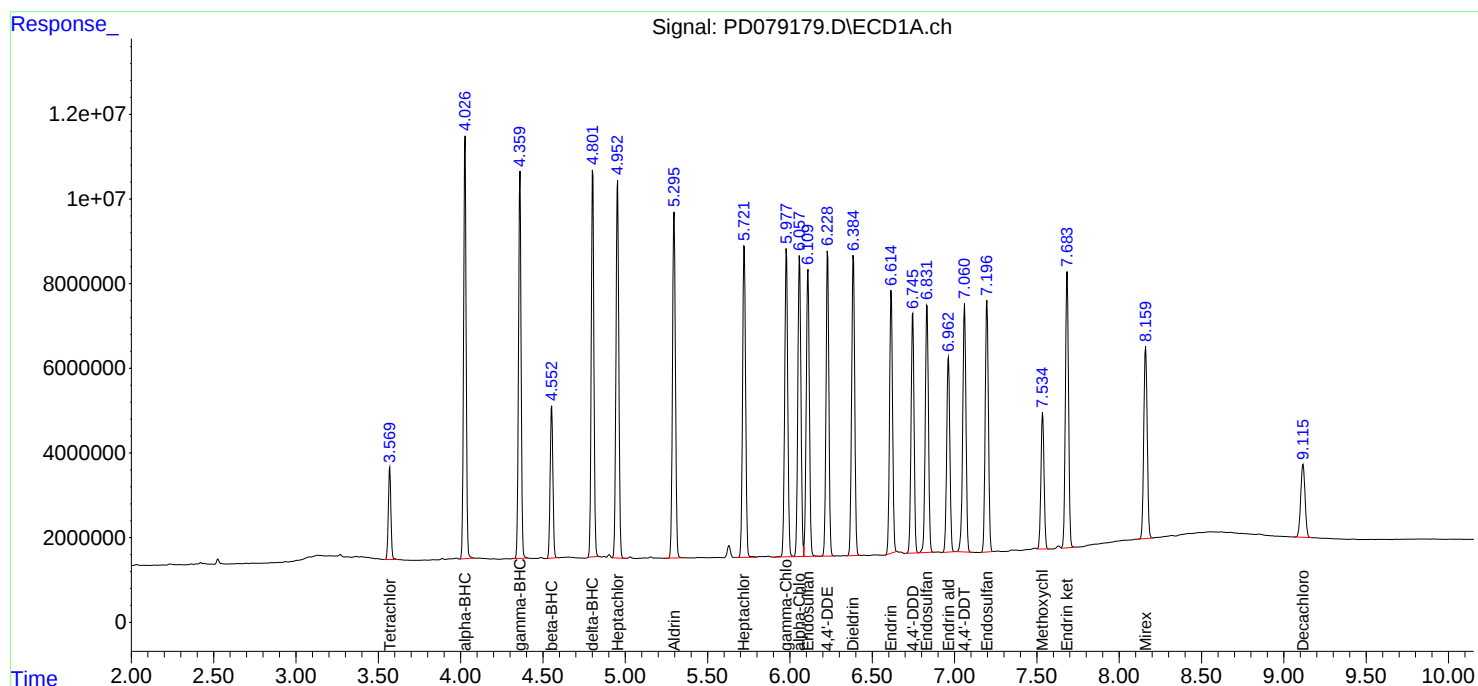
Instrument :
ECD_D
ClientSampleId :
PB156664BS

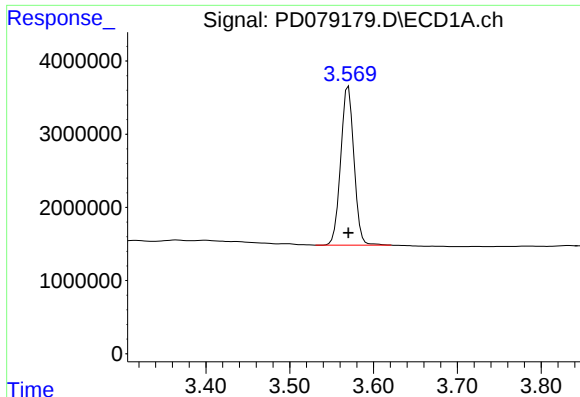
Manual Integrations
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Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 22:53:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





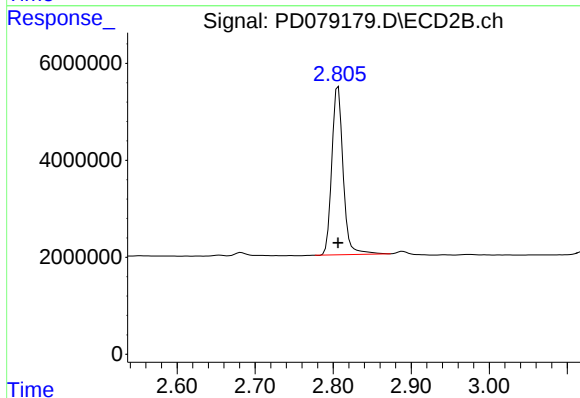
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 23814109
Conc: 14.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

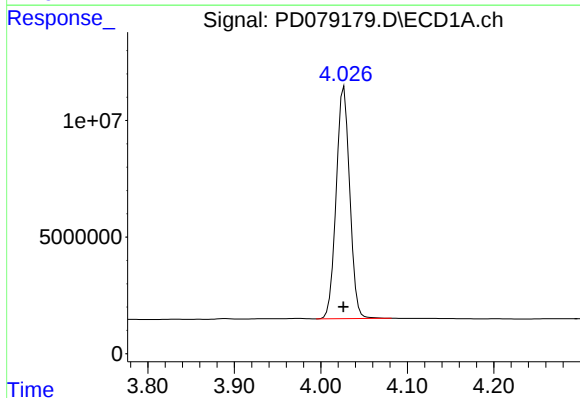
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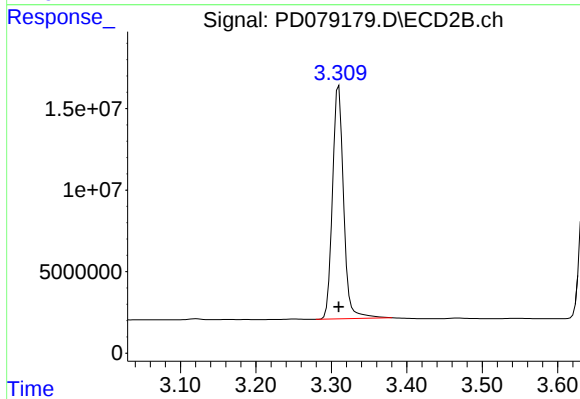
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 35021703
Conc: 15.13 ng/ml



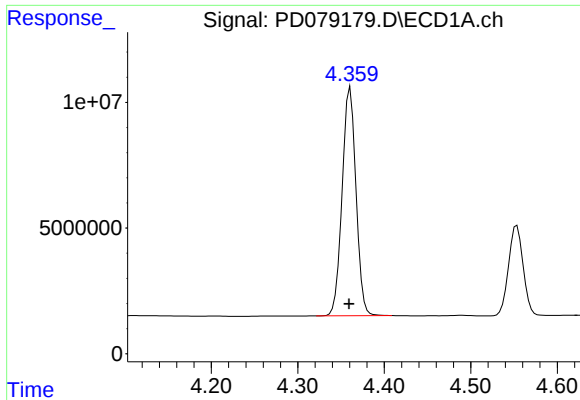
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 107683419
Conc: 40.45 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 146748611
Conc: 42.32 ng/ml



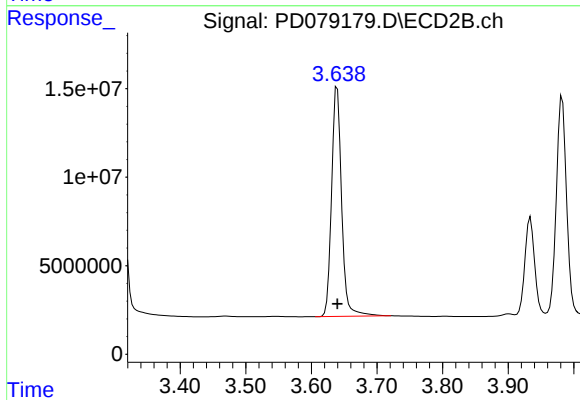
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 100410910
Conc: 38.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

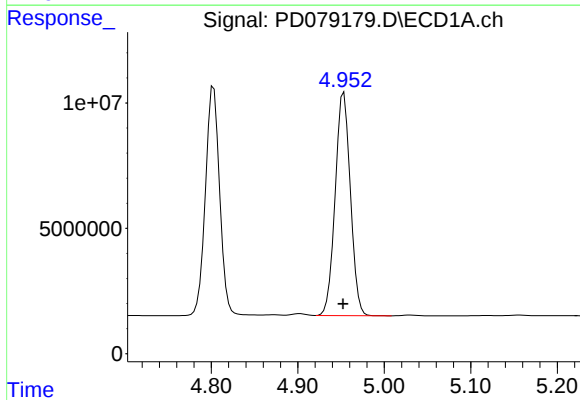
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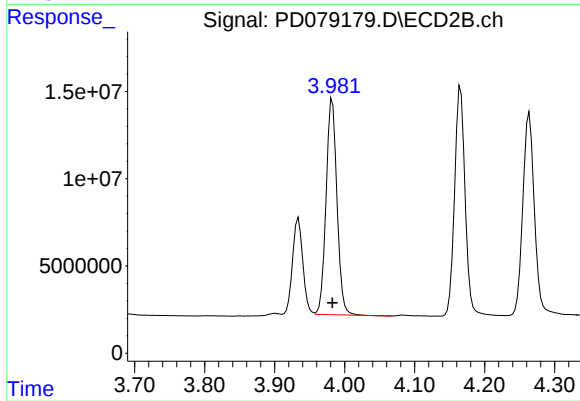
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 138366152
Conc: 40.75 ng/ml



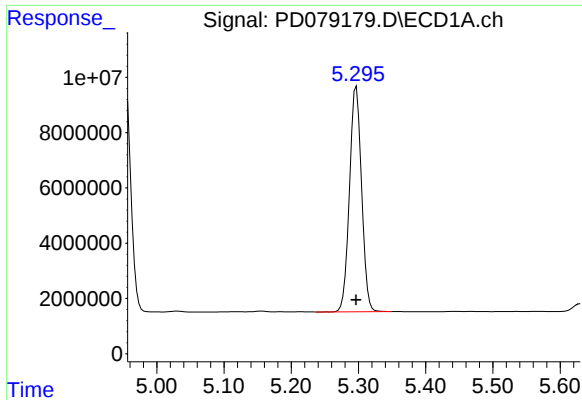
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 107994032
Conc: 40.37 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 134236575
Conc: 43.95 ng/ml



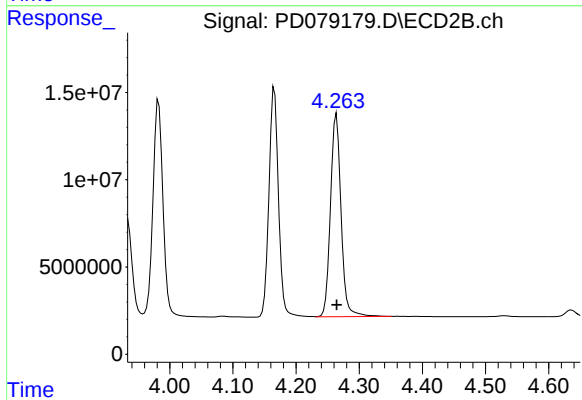
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 101663734
Conc: 39.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

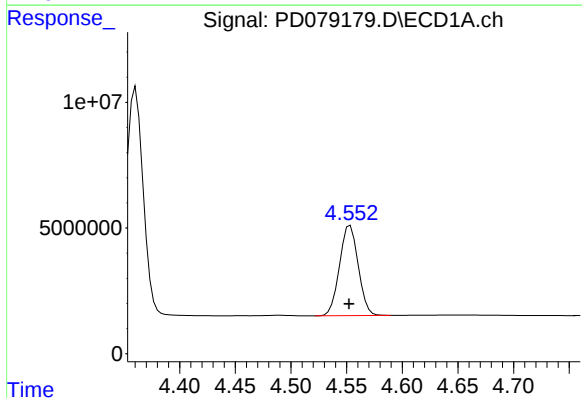
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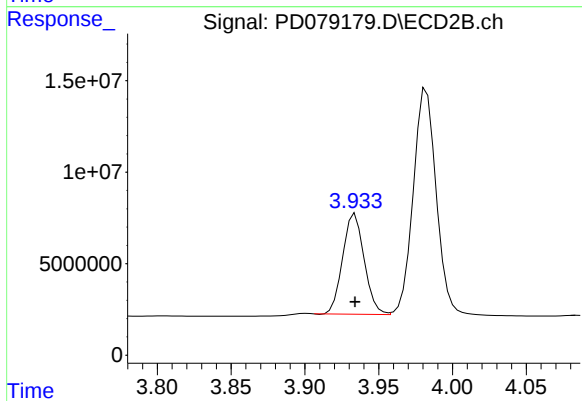
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 135176862
Conc: 41.32 ng/ml



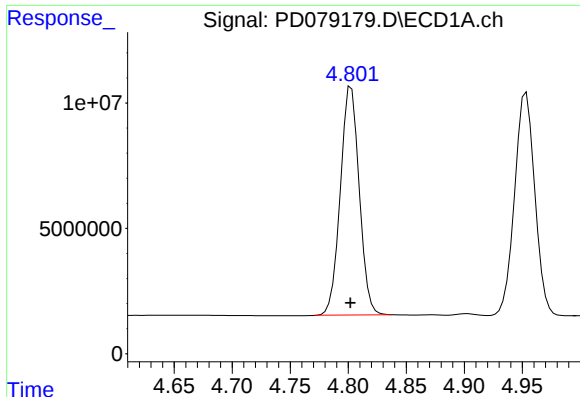
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 42039341
Conc: 39.23 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 55700551
Conc: 39.53 ng/ml



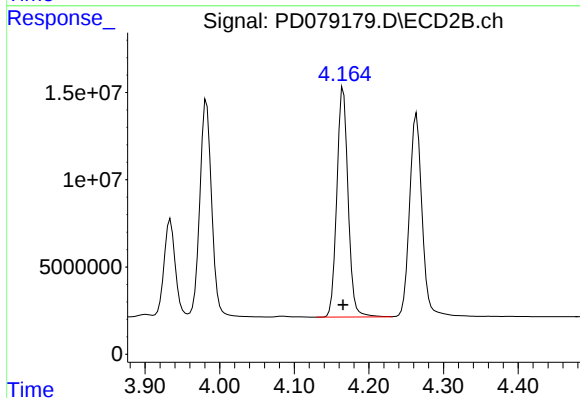
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 103135465
Conc: 38.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

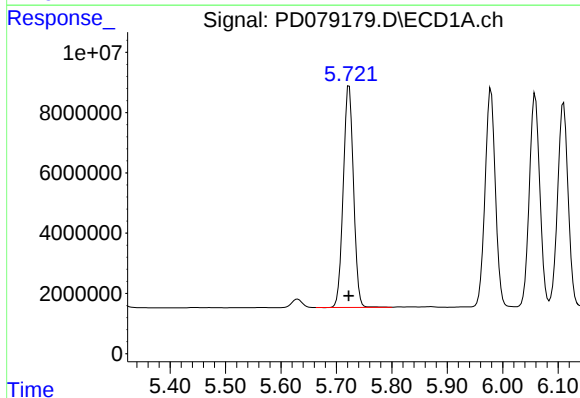
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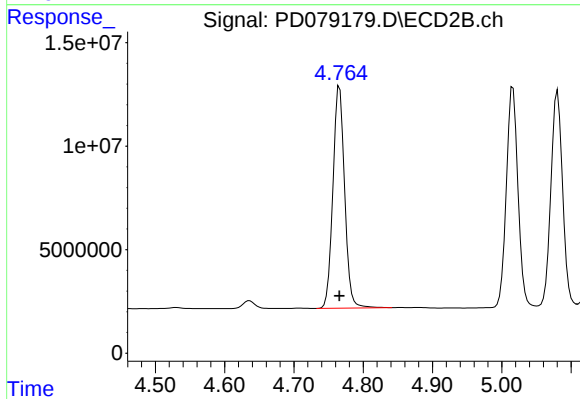
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 138043956
Conc: 41.23 ng/ml



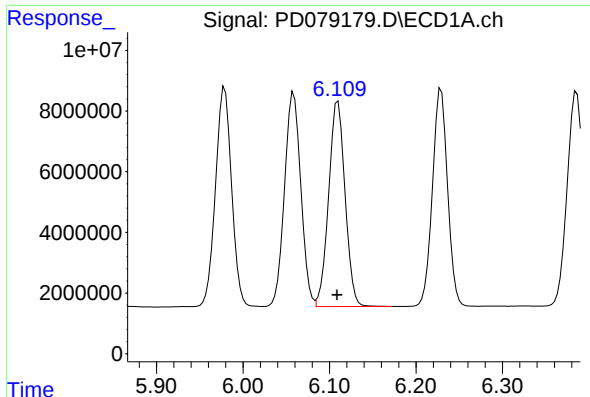
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 94607646
Conc: 40.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 126125982
Conc: 42.54 ng/ml



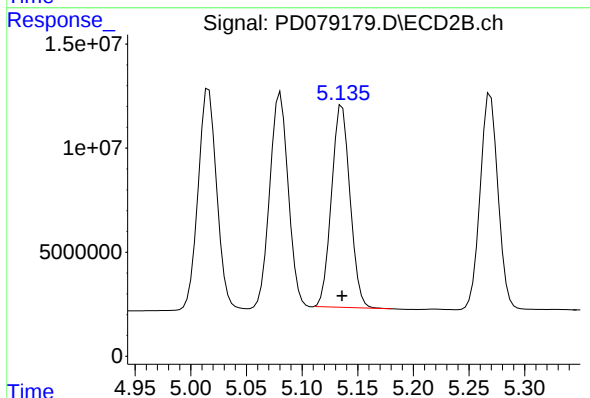
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 89134610
Conc: 41.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

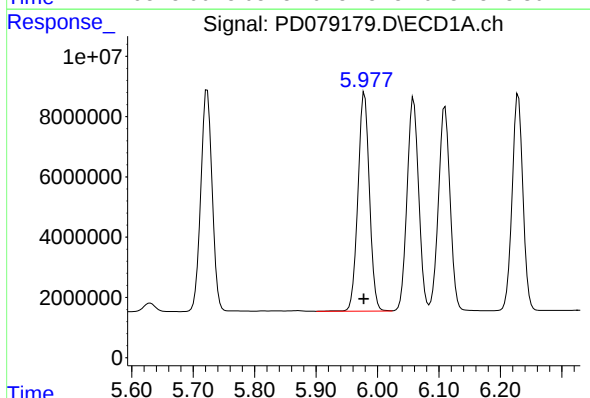
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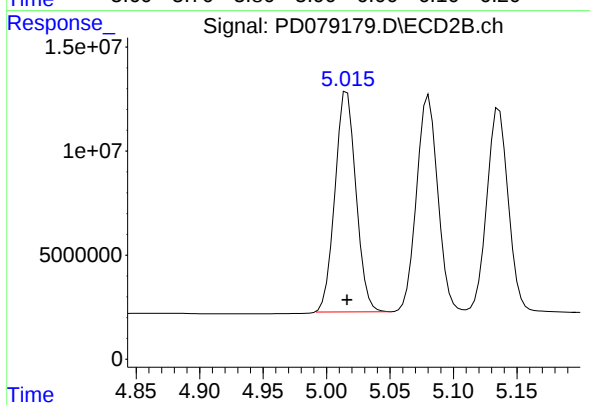
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 112326391
Conc: 42.42 ng/ml



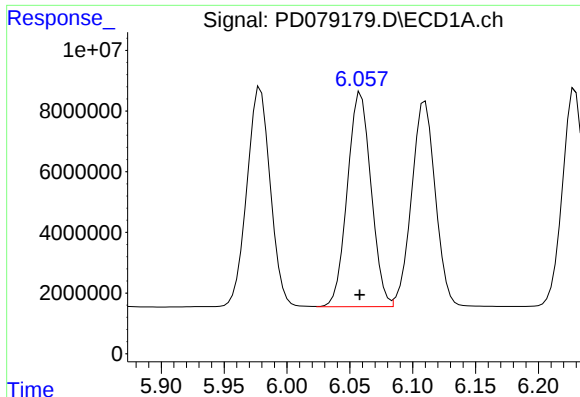
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 94115194
Conc: 41.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 121963827
Conc: 42.50 ng/ml



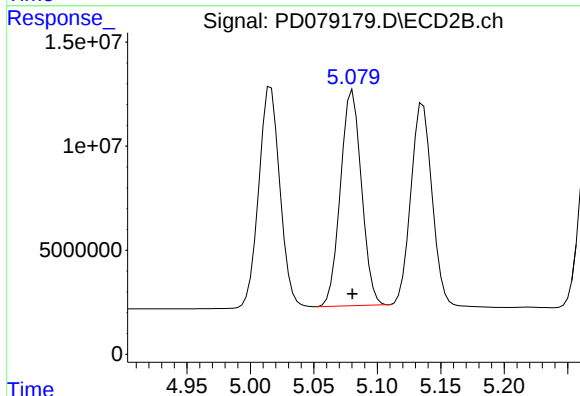
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 92769543
Conc: 40.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

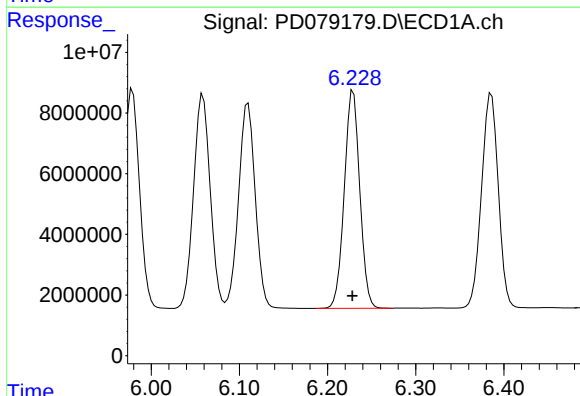
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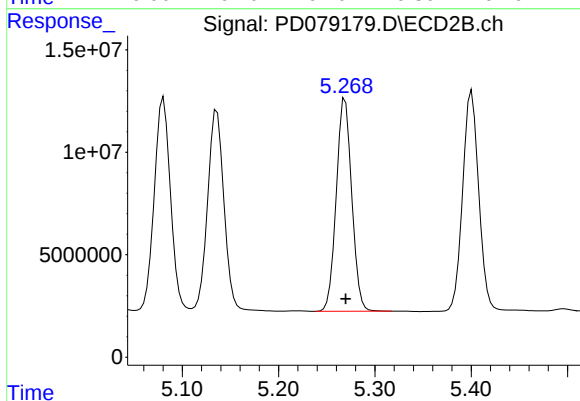
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 119433609
Conc: 41.62 ng/ml



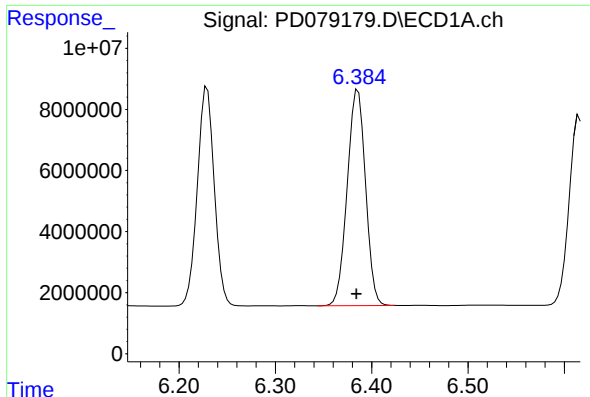
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 87406901
Conc: 41.36 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 115946507
Conc: 43.55 ng/ml



#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 93119825
Conc: 39.99 ng/ml

Instrument :

ECD_D

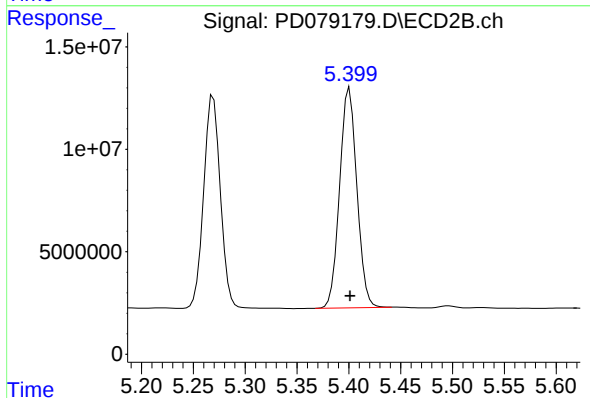
ClientSampleId :

PB156664BS

Manual Integrations

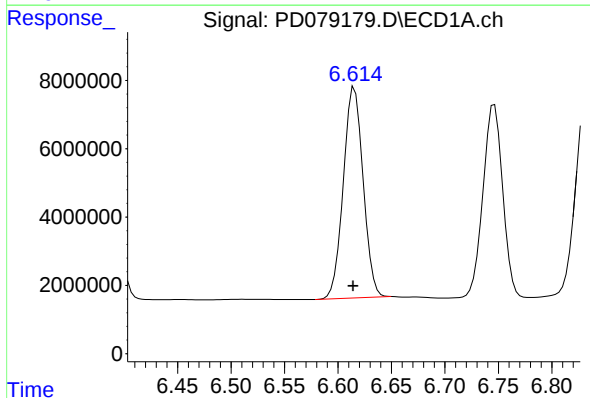
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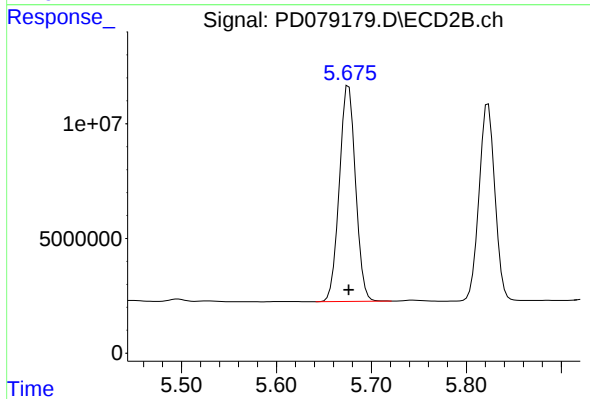
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 124368802
Conc: 41.88 ng/ml



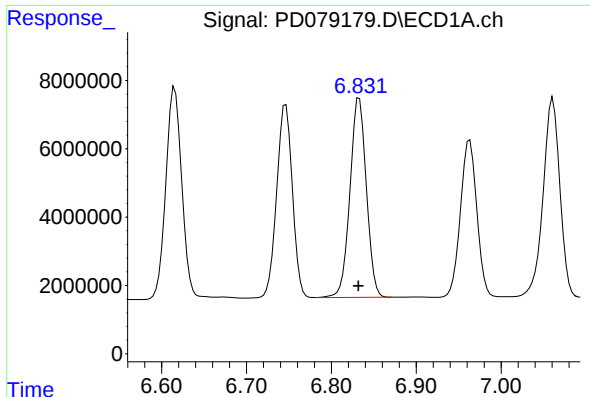
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 79729483
Conc: 40.94 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 111849716
Conc: 43.71 ng/ml



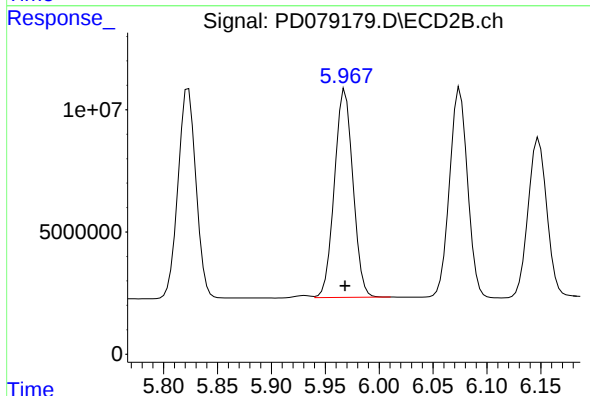
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 78378349
Conc: 38.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

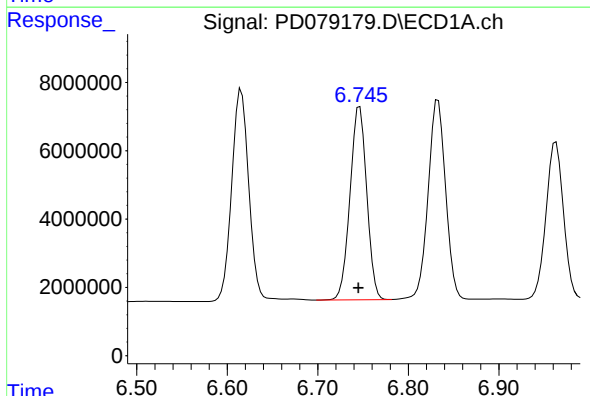
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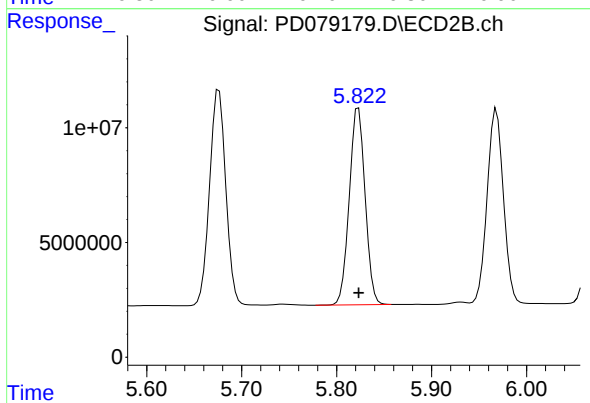
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 101728909
Conc: 40.75 ng/ml



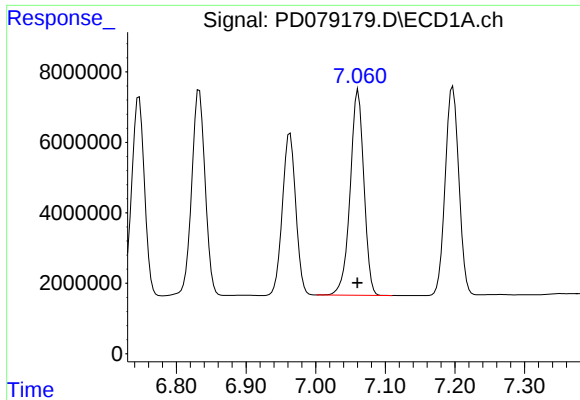
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 72645548
Conc: 41.32 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 99305207
Conc: 43.47 ng/ml



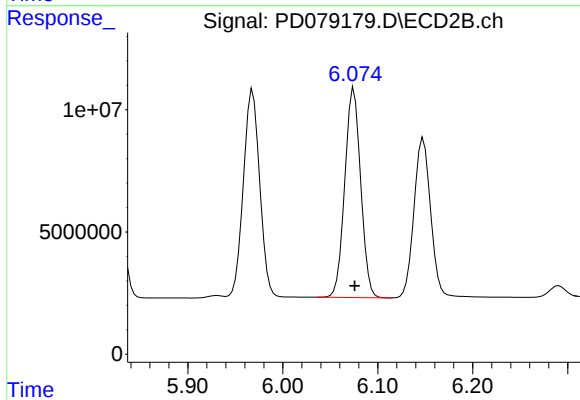
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 79598030
Conc: 42.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

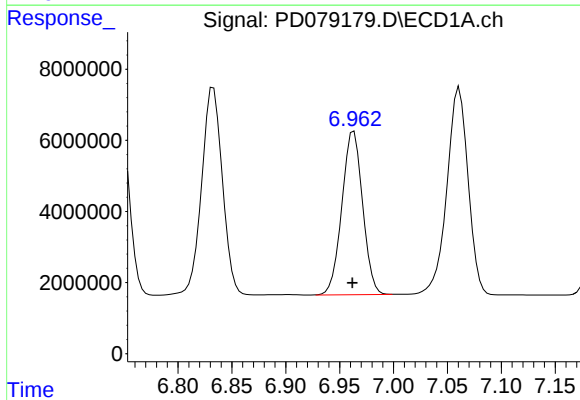
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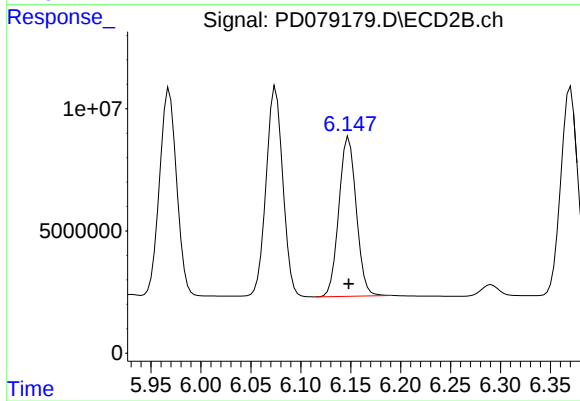
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 99837439
Conc: 43.61 ng/ml



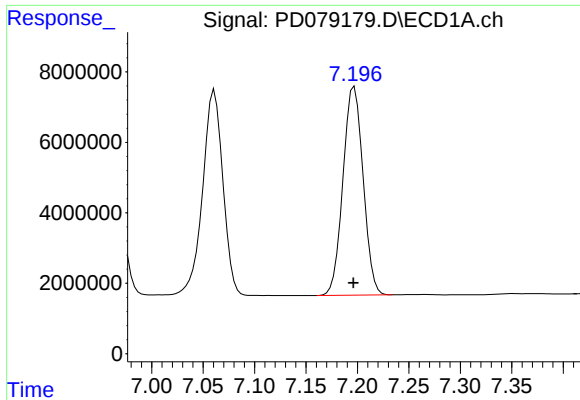
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 61583023
Conc: 39.88 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 78985575
Conc: 42.48 ng/ml



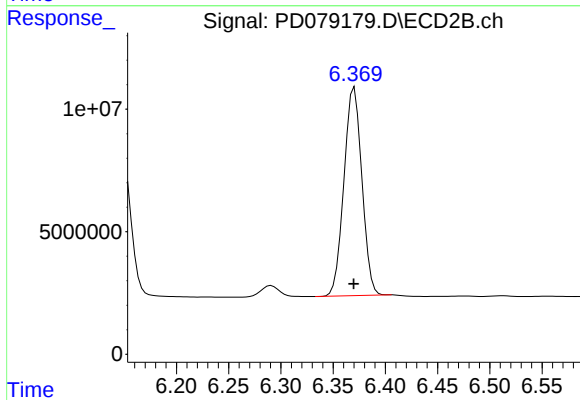
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 80770181
Conc: 40.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

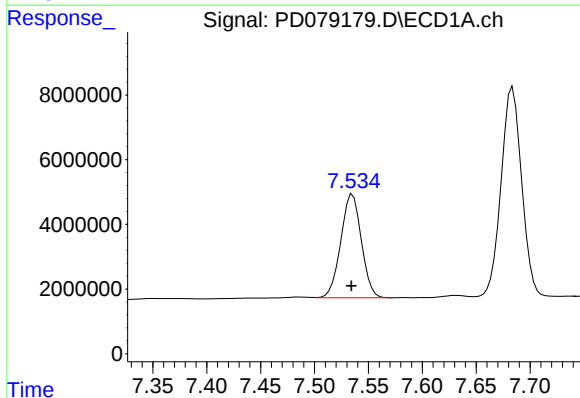
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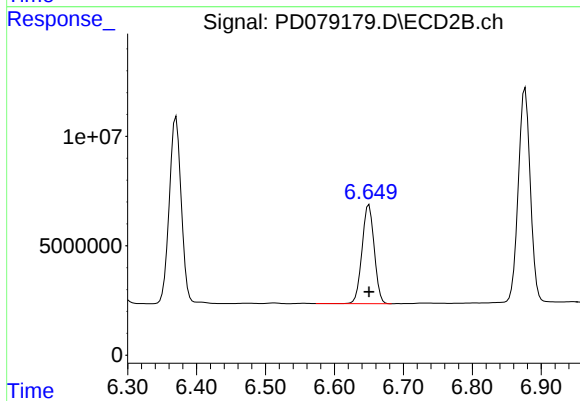
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 101563065
Conc: 43.50 ng/ml



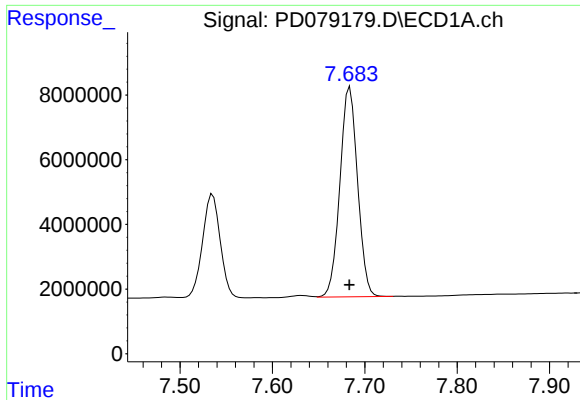
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 42513347
Conc: 38.80 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 55425823
Conc: 40.83 ng/ml



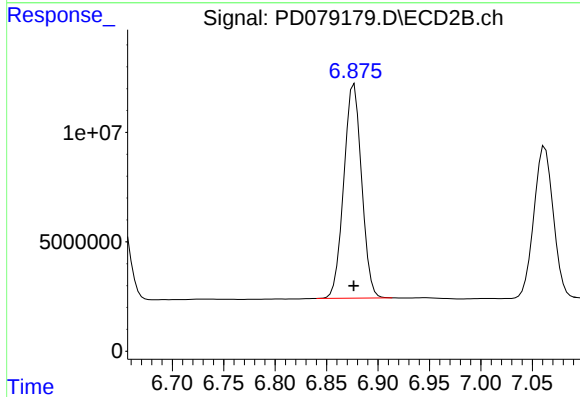
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 86249630
Conc: 39.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

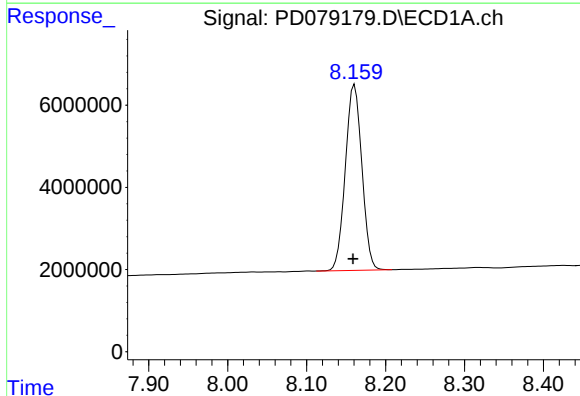
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



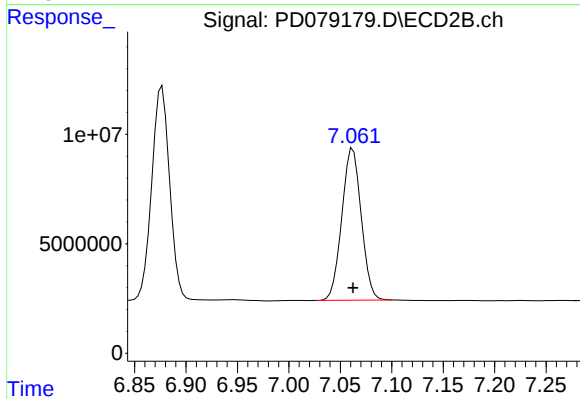
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 118101943
Conc: 42.24 ng/ml



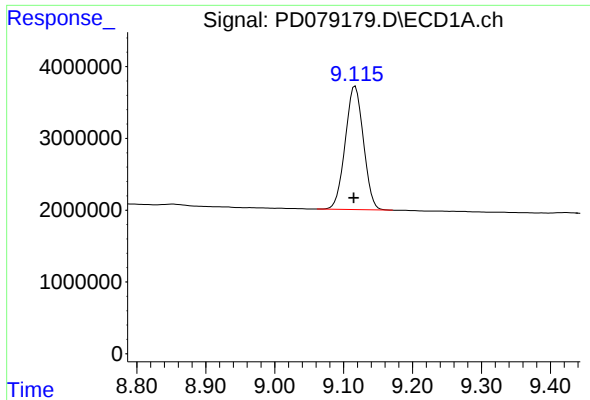
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 65900509
Conc: 38.93 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 91167206
Conc: 42.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 31503066
Conc: 15.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

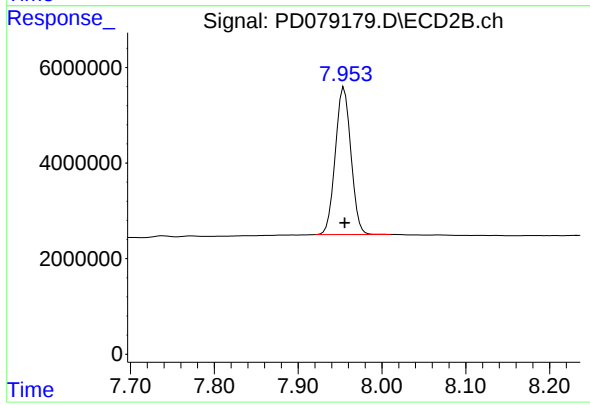
PB156664BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 39872600
Conc: 16.36 ng/ml