

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092521\
 Data File : PD065886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2021 03:24
 Operator : AR\AJ
 Sample : M3872-02MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SP-LPA-01MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 05:23:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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...	3.492	4.011	15088959	129.9E6	20.375m	22.620m
2)	SA Decachlor...	8.234	9.084	19955352	60815460	14.609	15.714
Target Compounds							
2)	A alpha-BHC	3.932	4.407	66840572	419.8E6	59.516	49.931
3)	MA gamma-BHC...	4.215	4.693	61052311	402.5E6	54.444	52.096
4)	MA Heptachlor	4.513	5.197	64281645	369.2E6	53.891	50.886
5)	MB Aldrin	4.760	5.502	63215162	353.3E6	56.509	52.519
6)	B beta-BHC	4.463	4.869	28932244	181.5E6	50.681	49.105m
7)	B delta-BHC	4.668	5.087	49444593	315.5E6	43.738	43.841
8)	B Heptachlo...	5.203	5.892	61894439	281.5E6	55.276	54.471
9)	A Endosulfan I	5.541	6.250	60263564	295.2E6	55.413	53.407
10)	B gamma-Chl...	5.427	6.125	66153273	335.3E6	54.784	55.900
11)	B alpha-Chl...	5.486	6.198	65026721	312.6E6	54.932	52.088
12)	B 4,4'-DDE	5.648	6.356	61935410	306.4E6	56.899	53.120
13)	MA Dieldrin	5.783	6.508	69109183	310.7E6	59.627m	52.726
14)	MA Endrin	6.042	6.727	59649863	264.2E6	56.372	53.584
15)	B Endosulfa...	6.314	6.940	58987596	250.0E6	54.603	51.617
16)	A 4,4'-DDD	6.164	6.850	56186362	268.0E6	57.278	54.528
17)	MA 4,4'-DDT	6.403	7.148	58690707	261.1E6	53.321	51.679
18)	B Endrin al...	6.483	7.065	48658730	209.4E6	54.903	53.480
19)	B Endosulfa...	6.694	7.287	60900099	245.9E6	53.357	49.856
20)	A Methoxychlor	6.949	7.607	34986310	132.6E6	51.197	50.382
21)	B Endrin ke...	7.188	7.761	73301198	287.7E6	52.036	50.448
22)	Mirex	7.372	8.210	56100565	189.6E6	46.465	48.021

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092521\
Data File : PD065886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2021 03:24
Operator : AR\AJ
Sample : M3872-02MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

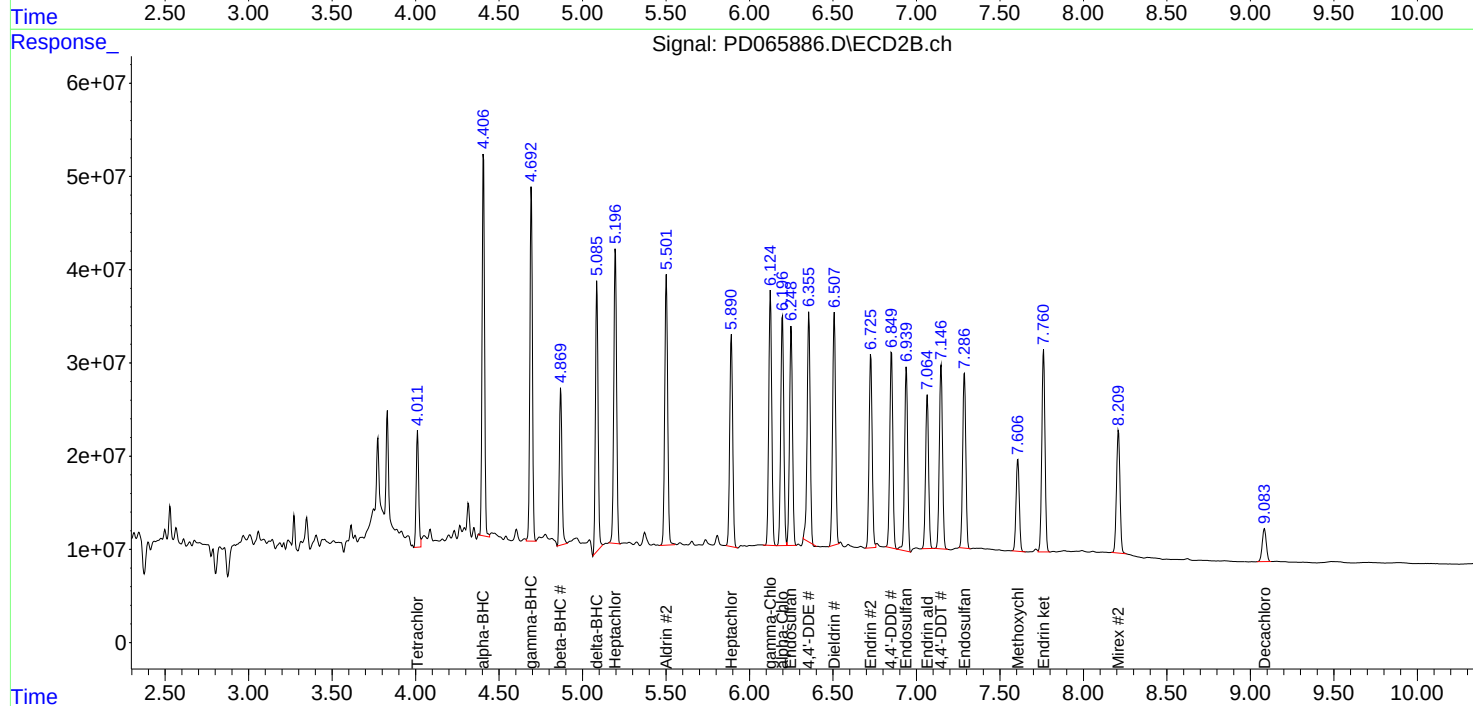
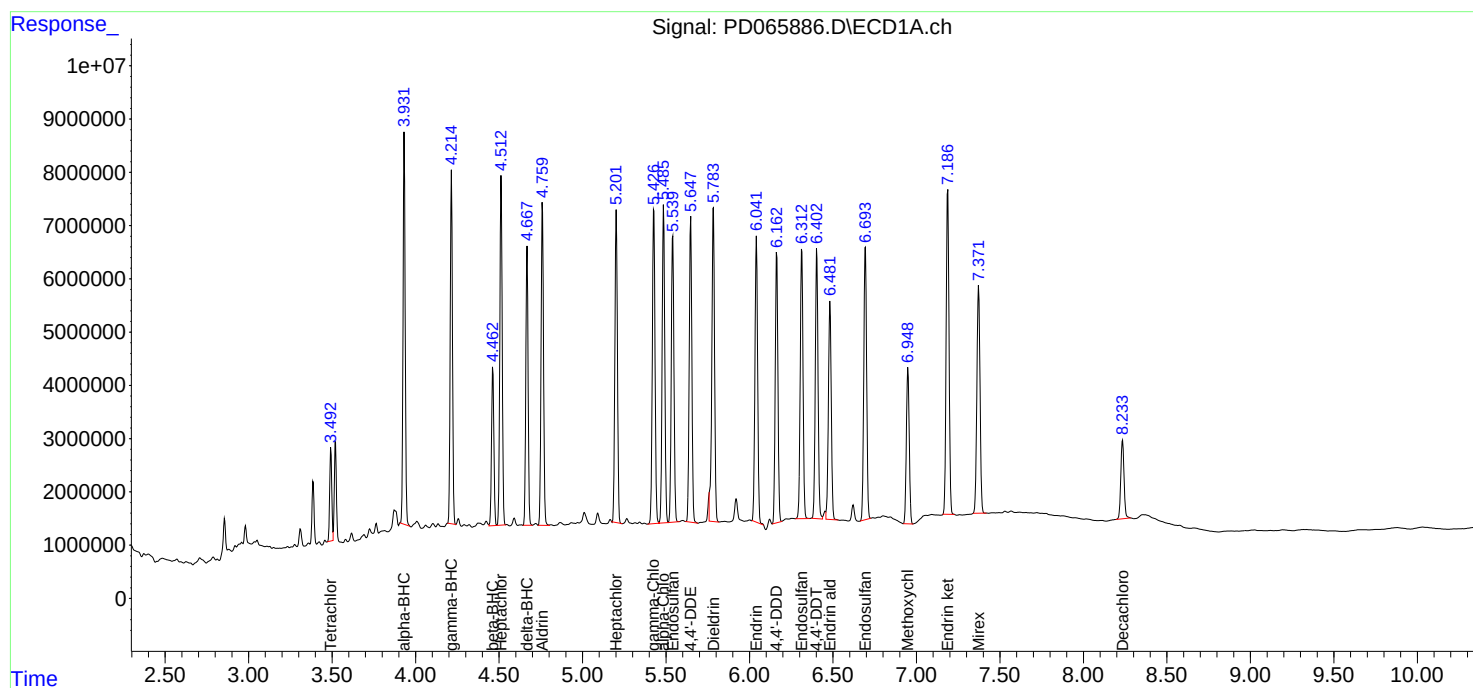
Instrument :
ECD_D
ClientSampled :
SP-LPA-01MSD

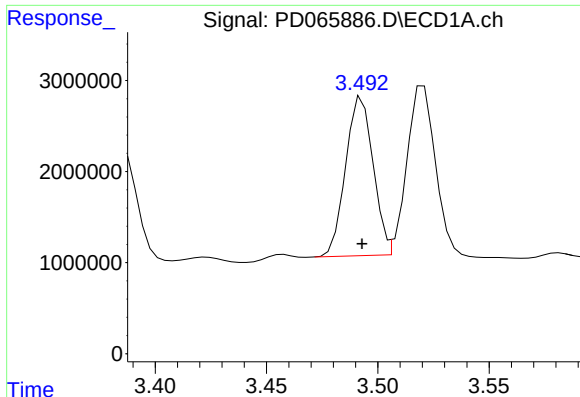
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 25 05:23:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
Response 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





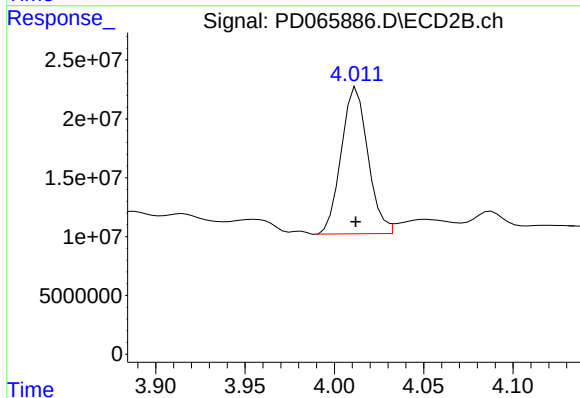
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: -0.001 min
Response: 15088959
Conc: 20.38 ng/ml m

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

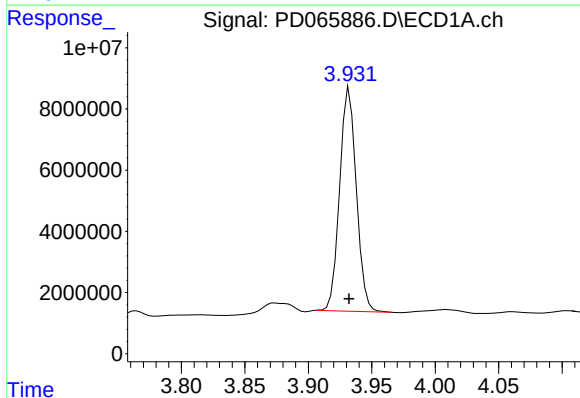
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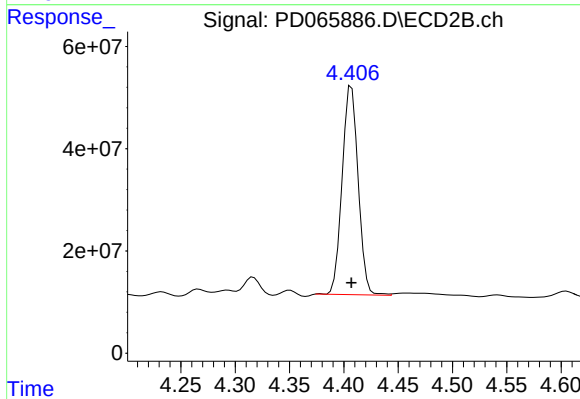
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 129888957
Conc: 22.62 ng/ml m



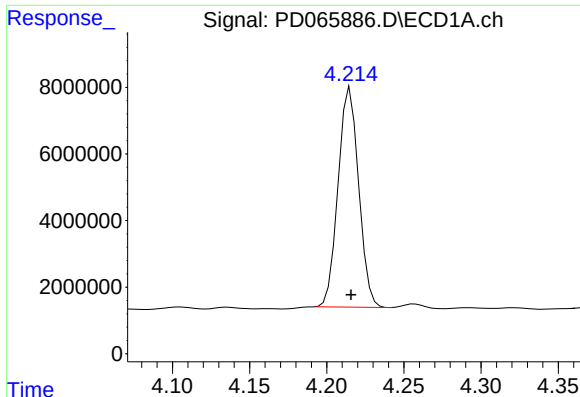
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 66840572
Conc: 59.52 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 419833065
Conc: 49.93 ng/ml



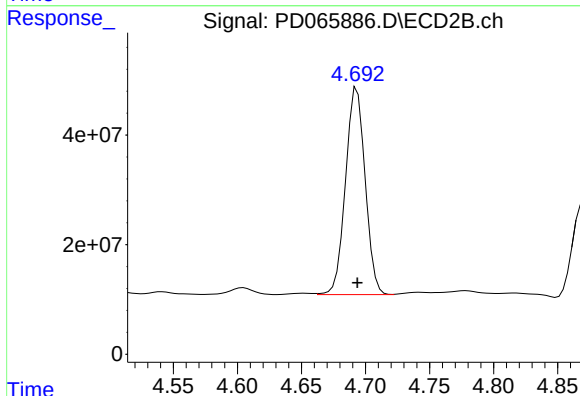
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 61052311
Conc: 54.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

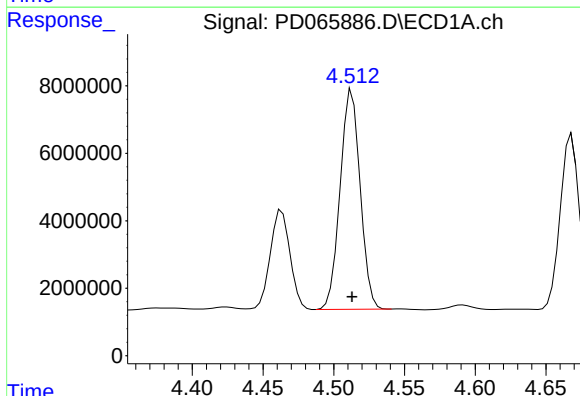
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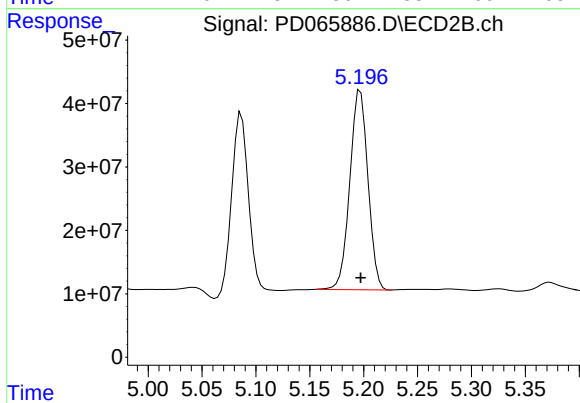
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 402485237
Conc: 52.10 ng/ml



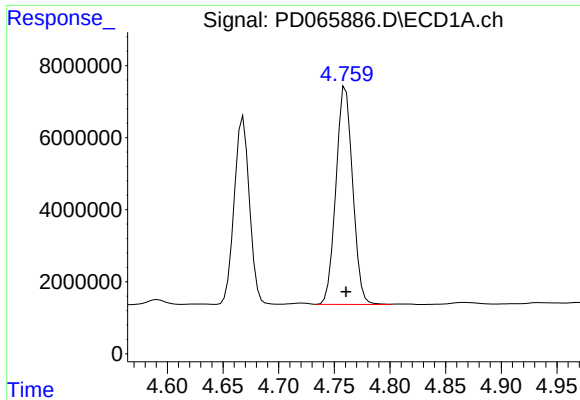
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 64281645
Conc: 53.89 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 369220857
Conc: 50.89 ng/ml



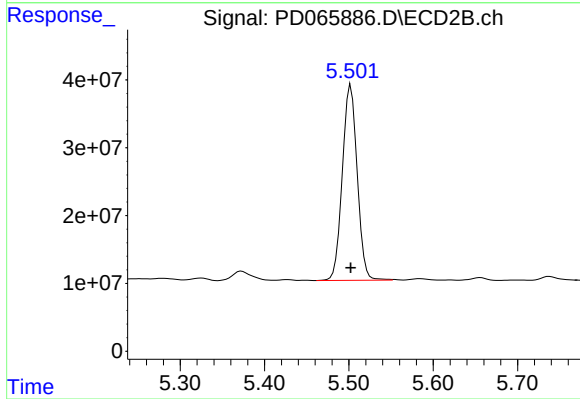
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 63215162
Conc: 56.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

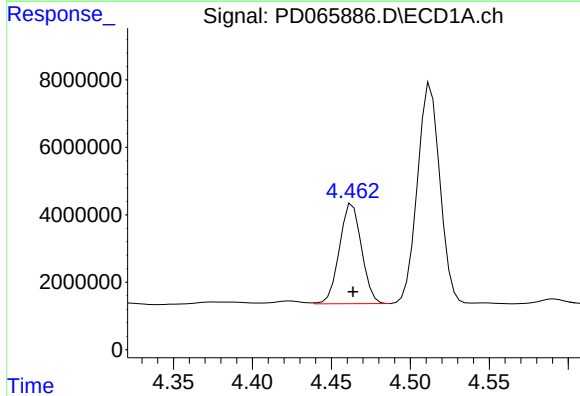
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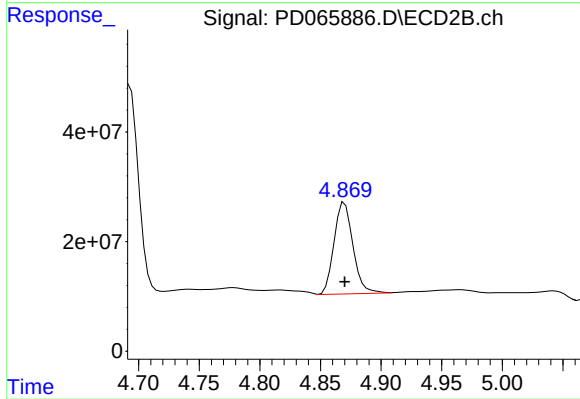
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 353324760
Conc: 52.52 ng/ml



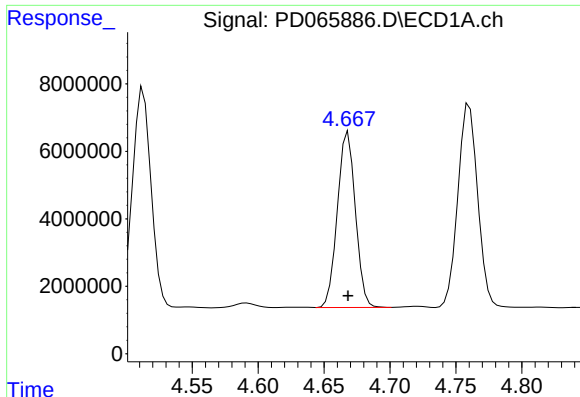
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 28932244
Conc: 50.68 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 181485178
Conc: 49.11 ng/ml m



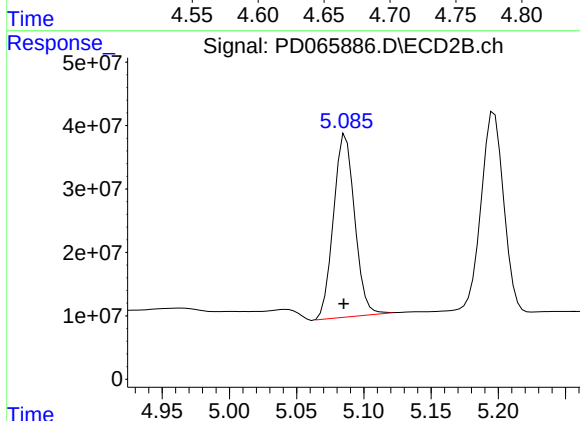
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 49444593
Conc: 43.74 ng/ml

Instrument :
ECD_D
ClientSampled :
SP-LPA-01MSD

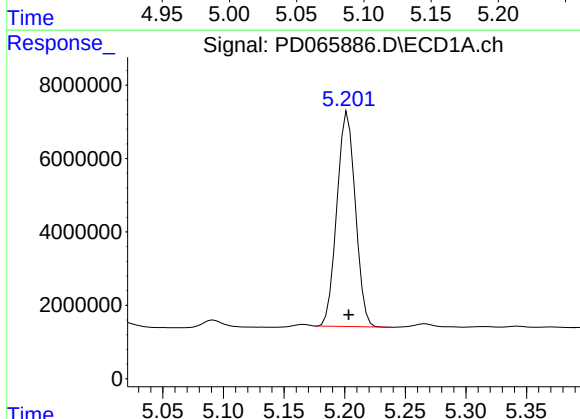
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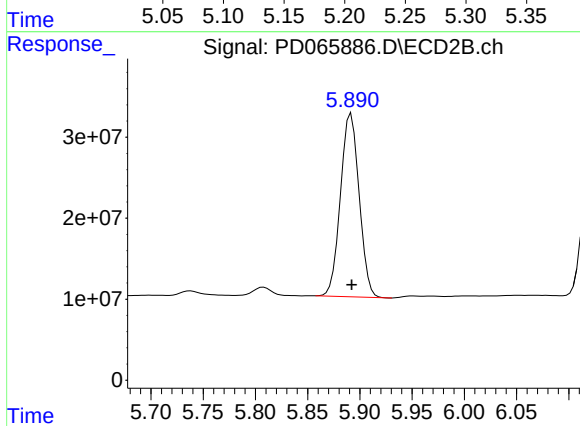
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 315513170
Conc: 43.84 ng/ml



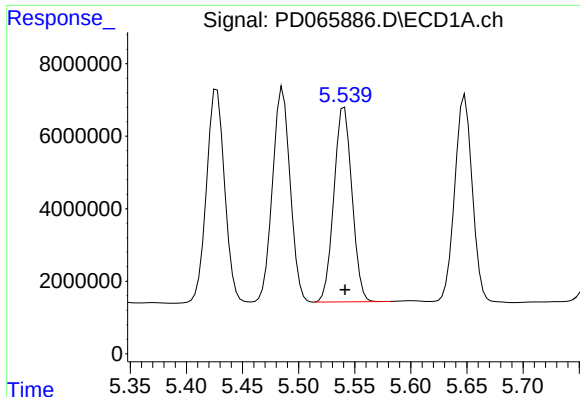
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 61894439
Conc: 55.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 281499625
Conc: 54.47 ng/ml



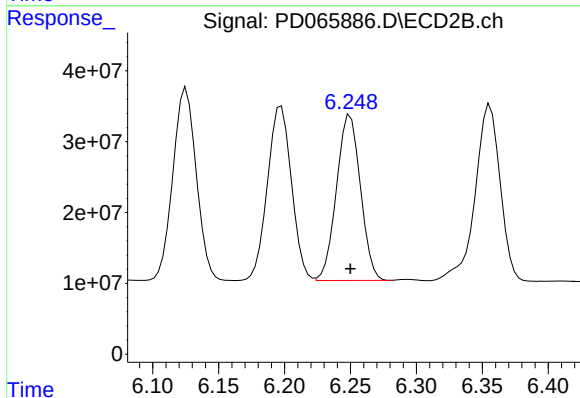
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 60263564
Conc: 55.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

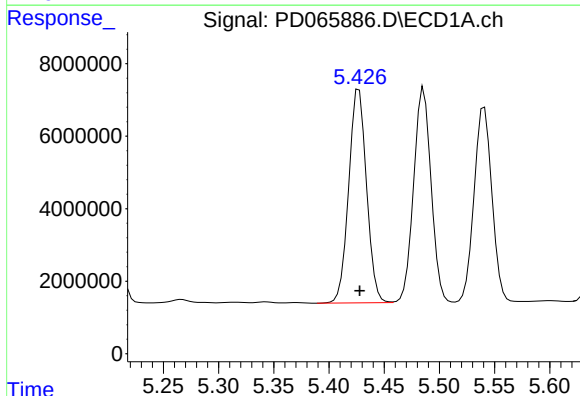
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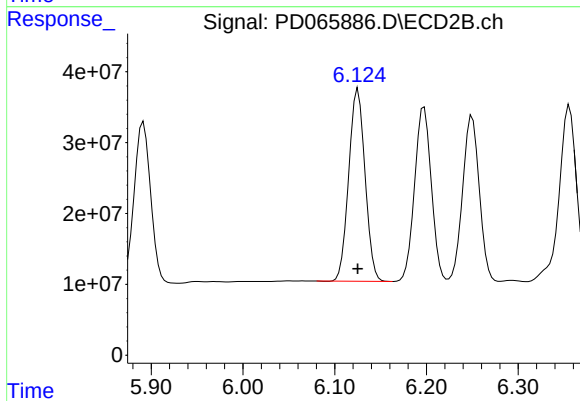
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 295182522
Conc: 53.41 ng/ml



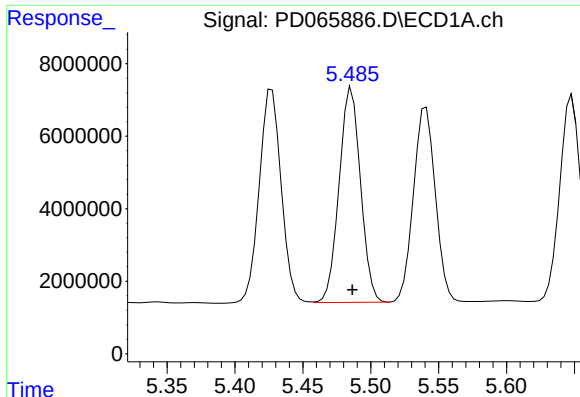
#10 gamma-Chlordane

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 66153273
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 335273150
Conc: 55.90 ng/ml



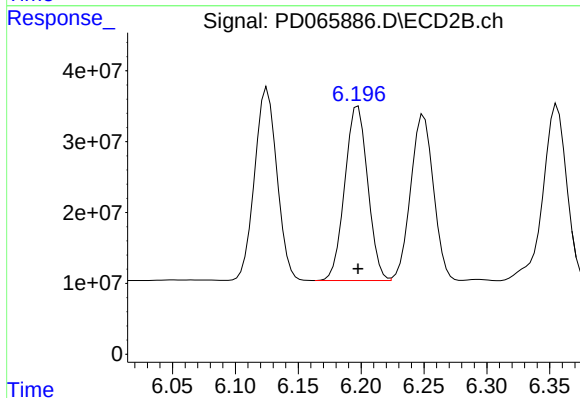
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 65026721
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

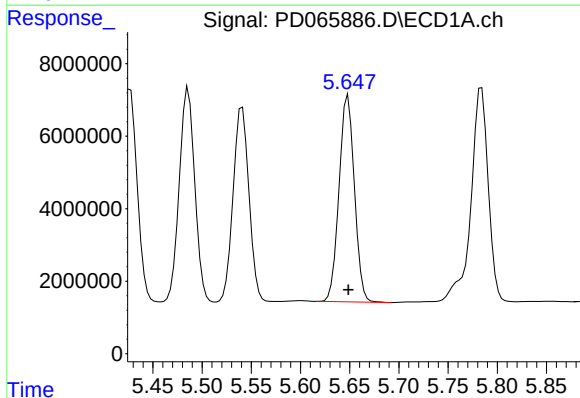
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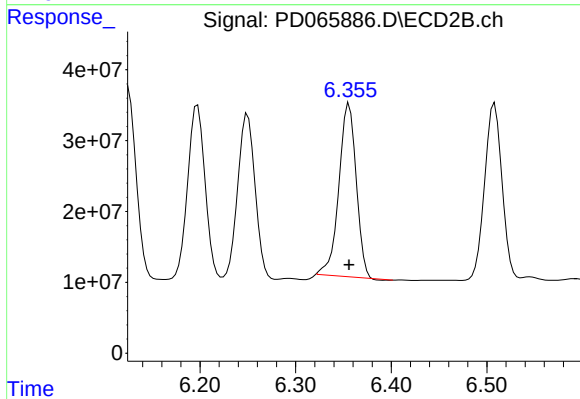
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 312633687
Conc: 52.09 ng/ml



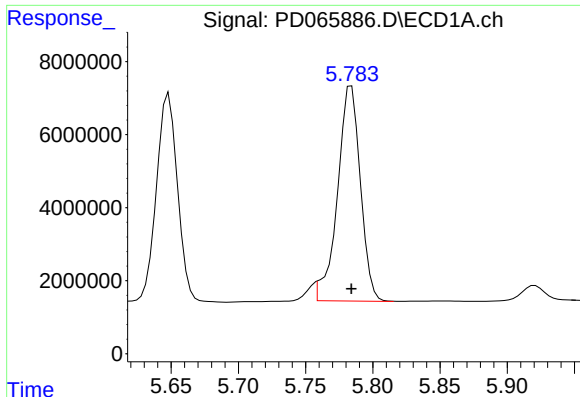
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 61935410
Conc: 56.90 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 306367812
Conc: 53.12 ng/ml



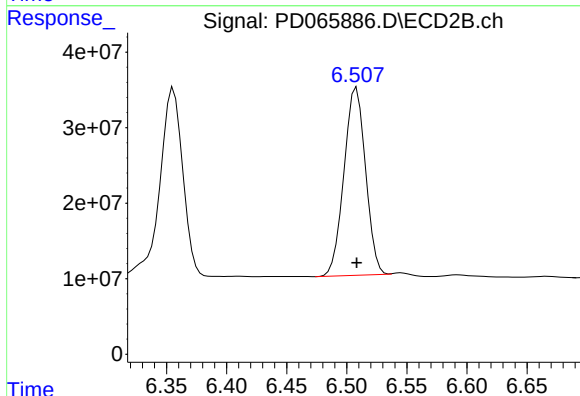
#13 Dieldrin

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 69109183
Conc: 59.63 ng/ml m

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

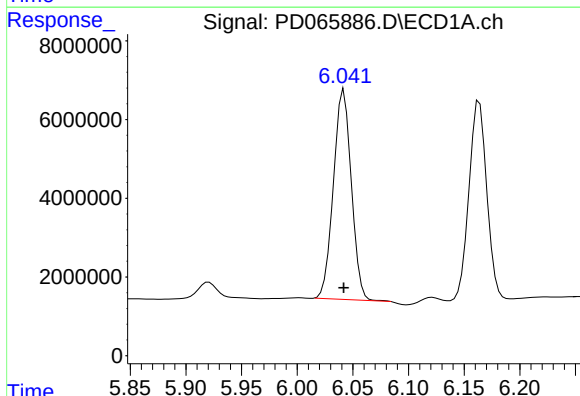
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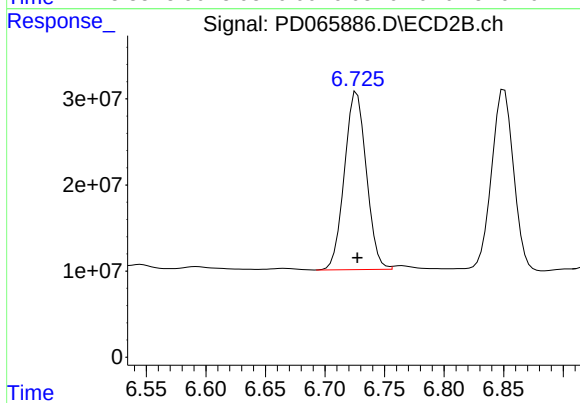
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 310723419
Conc: 52.73 ng/ml



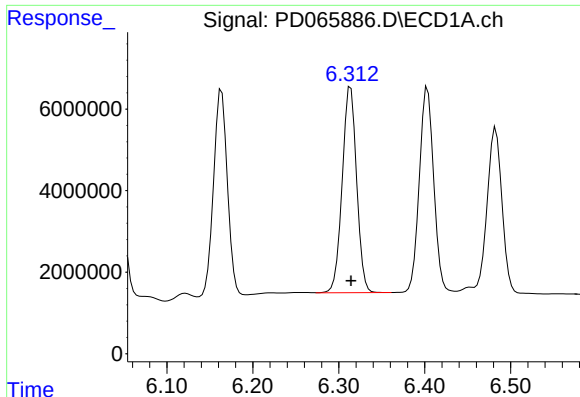
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 59649863
Conc: 56.37 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 264175249
Conc: 53.58 ng/ml



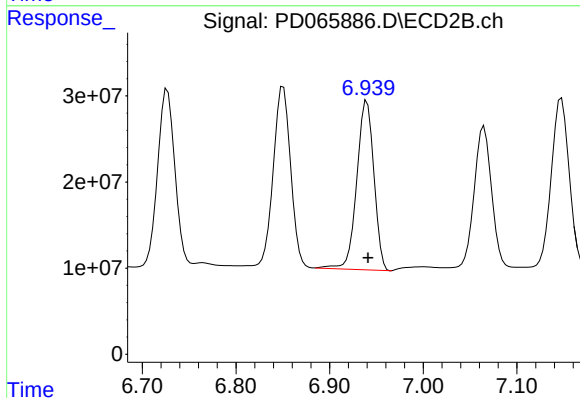
#15 Endosulfan II

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 58987596
Conc: 54.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

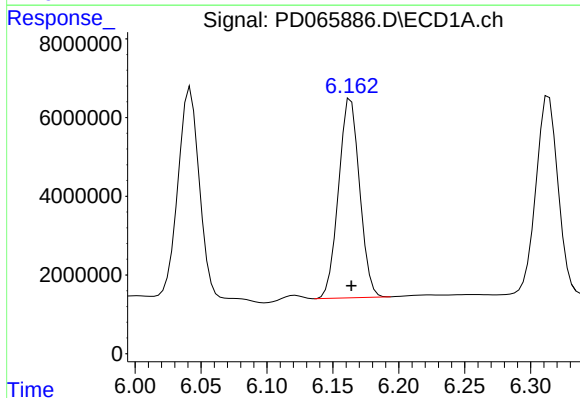
Manual Integrations
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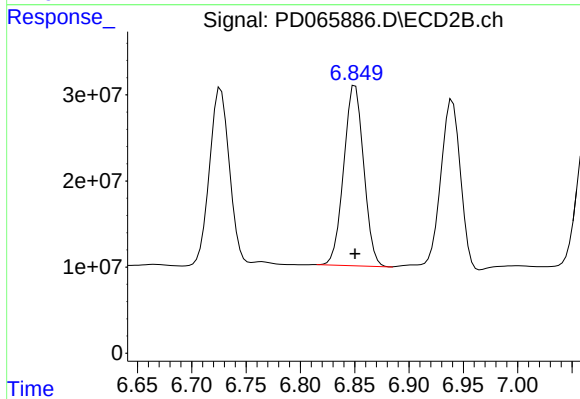
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 250027363
Conc: 51.62 ng/ml



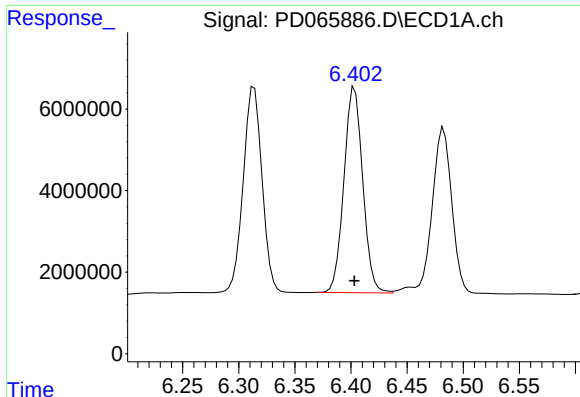
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 56186362
Conc: 57.28 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 267979978
Conc: 54.53 ng/ml



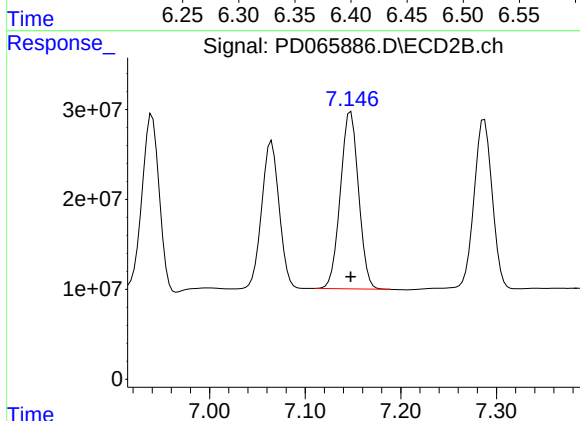
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 58690707
Conc: 53.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

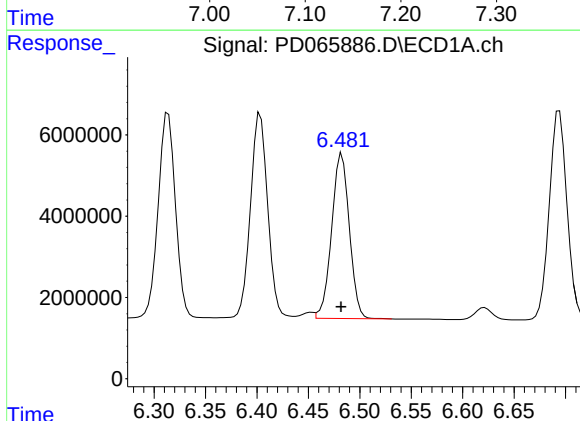
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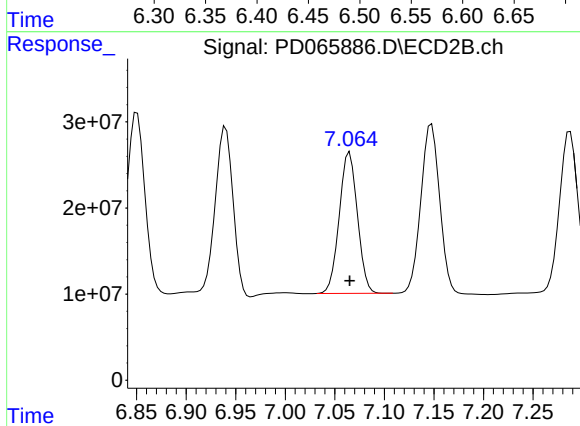
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 261050411
Conc: 51.68 ng/ml



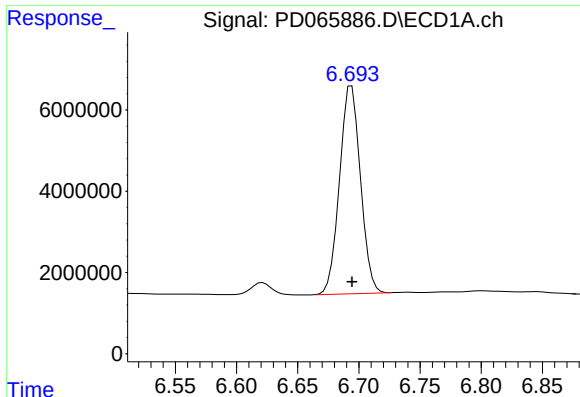
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.001 min
Response: 48658730
Conc: 54.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 209371088
Conc: 53.48 ng/ml



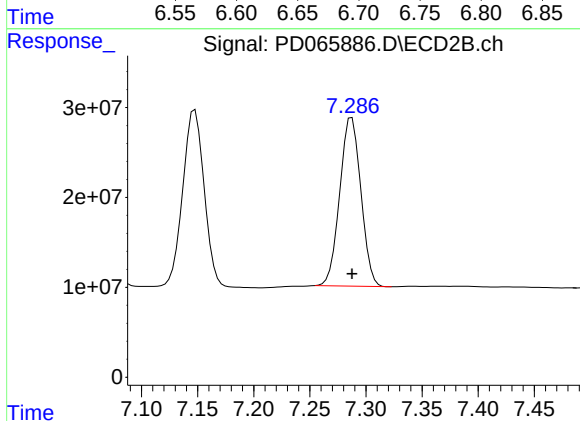
#19 Endosulfan Sulfate

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 60900099
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

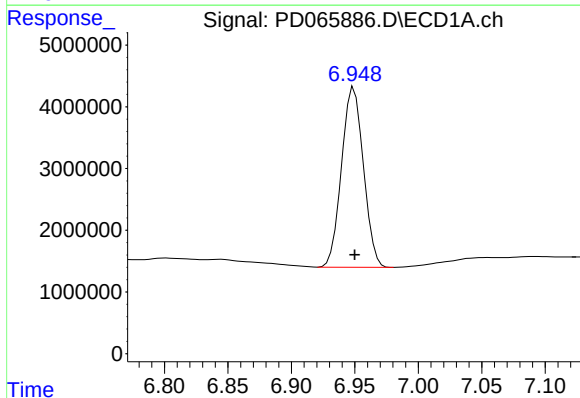
Manual Integrations
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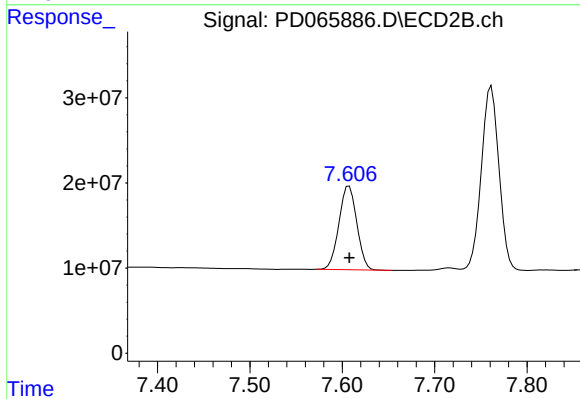
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 245906706
Conc: 49.86 ng/ml



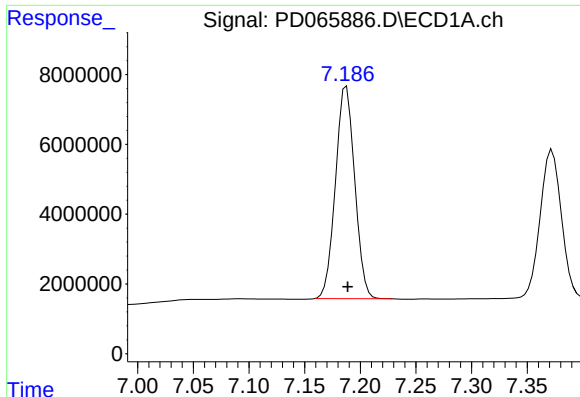
#20 Methoxychlor

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 34986310
Conc: 51.20 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 132587162
Conc: 50.38 ng/ml



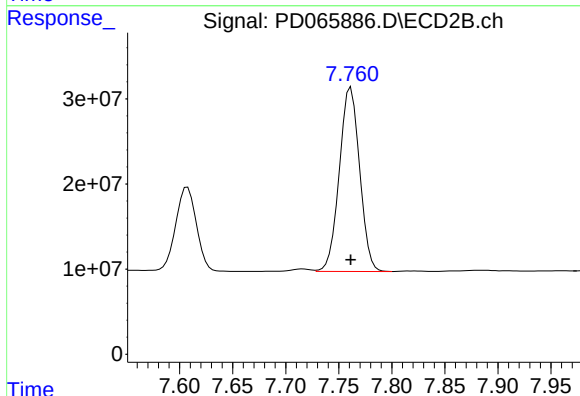
#21 Endrin ketone

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 73301198
Conc: 52.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

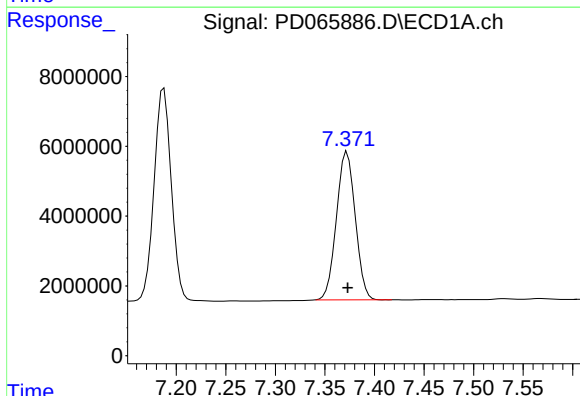
Manual Integrations
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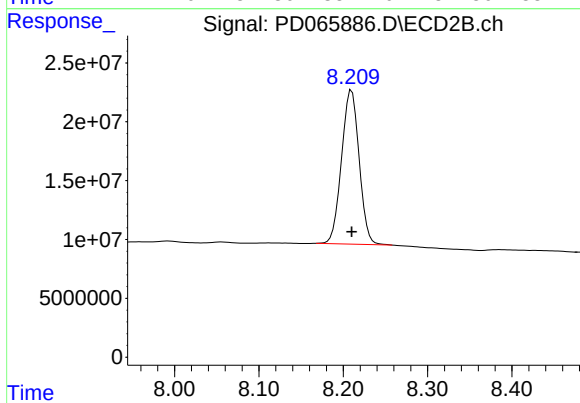
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 287701545
Conc: 50.45 ng/ml



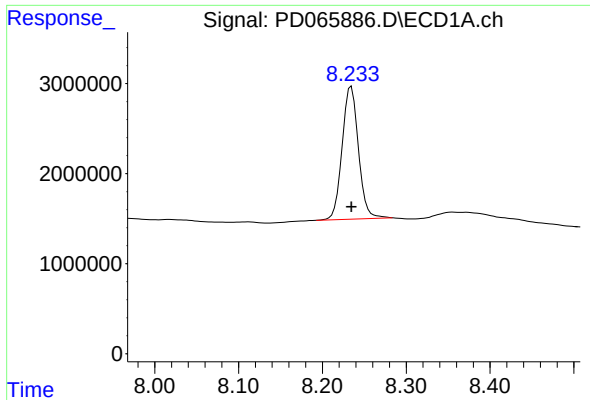
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 56100565
Conc: 46.47 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 189617311
Conc: 48.02 ng/ml



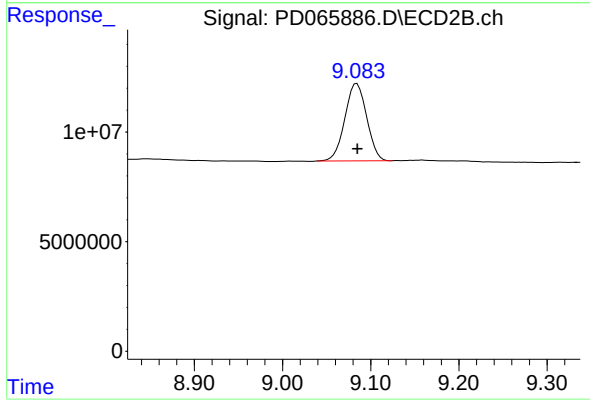
#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 19955352
Conc: 14.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:35:58 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 60815460
Conc: 15.71 ng/ml