

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040921\
 Data File : PD062091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2021 18:05
 Operator : AR\AJ
 Sample : M1946-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FS-SB9MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 05:55:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 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...	3.484	3.980	18774312	205.4E6	22.423	23.635
2)	SA Decachlor...	8.255	9.037	25636605	105.6E6	20.836	11.189 #
Target Compounds							
2)	A alpha-BHC	3.924	4.369	80933200	857.0E6	64.080	63.715
3)	MA gamma-BHC...	4.208	4.653	75748600	793.9E6	63.801	63.649
4)	MA Heptachlor	4.511	5.161	75747376	781.4E6	65.066	59.965
5)	MB Aldrin	4.761	5.466	70575568	715.0E6	58.806	57.453
6)	B beta-BHC	4.458	4.823	34068879	318.4E6	62.475	61.643
7)	B delta-BHC	4.664	5.039	74666960	732.4E6	61.464	55.374
8)	B Heptachlo...	5.205	5.851	71633562	662.6E6	62.489	55.957
9)	A Endosulfan I	5.546	6.208	67650476	646.0E6	61.606	59.596
10)	B gamma-Chl...	5.433	6.085	73832246	765.5E6	63.032	64.574
11)	B alpha-Chl...	5.491	6.158	72443110	664.8E6	62.343	58.317
12)	B 4,4'-DDE	5.654	6.314	70158441	661.6E6	62.437	57.414
13)	MA Dieldrin	5.788	6.464	77405761	740.1E6	66.966m	64.119
14)	MA Endrin	6.047	6.682	69908084	599.4E6	68.036m	60.565
15)	B Endosulfa...	6.321	6.891	61338301	576.2E6	59.849	60.688
16)	A 4,4'-DDD	6.171	6.804	59156720	565.8E6	63.566	59.752
17)	MA 4,4'-DDT	6.413	7.103	61142034	569.0E6	67.881	59.573
18)	B Endrin al...	6.490	7.015	55469506	498.4E6	64.925	63.374
19)	B Endosulfa...	6.704	7.238	64760579	577.8E6	60.017	57.655
20)	A Methoxychlor	6.959	7.560	35475164	285.4E6	75.080	63.312
21)	B Endrin ke...	7.197	7.708	76562189	571.4E6	59.990	56.341
22)	Mirex	7.388	8.163	52845766	385.6E6	64.700	59.831

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040921\
Data File : PD062091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2021 18:05
Operator : AR\AJ
Sample : M1946-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

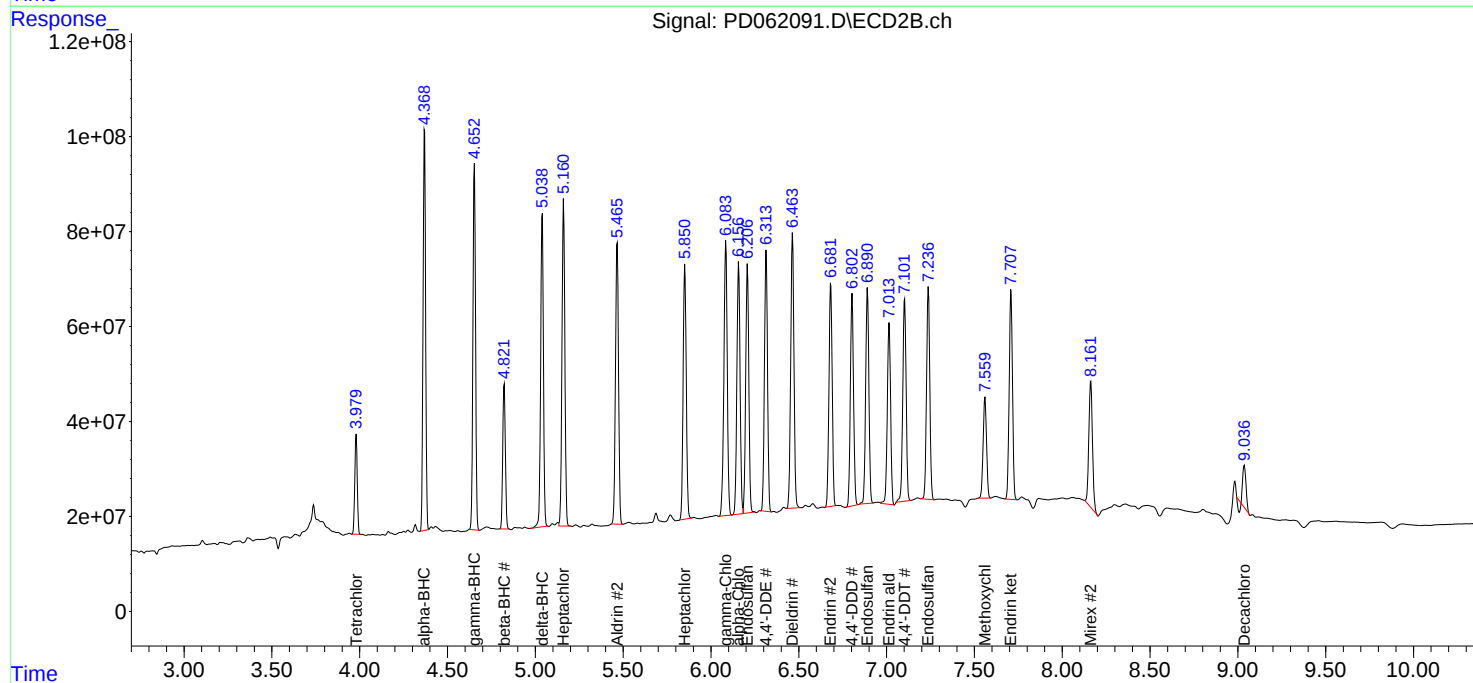
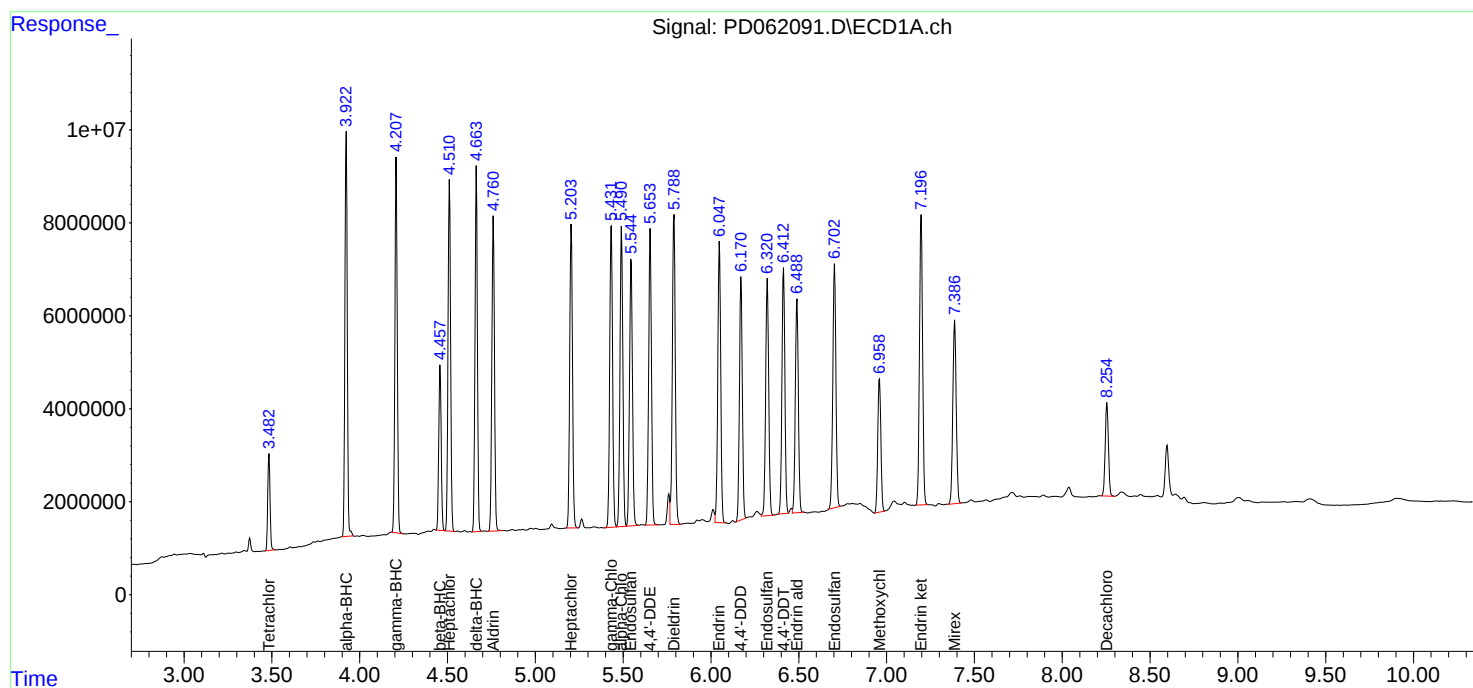
Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

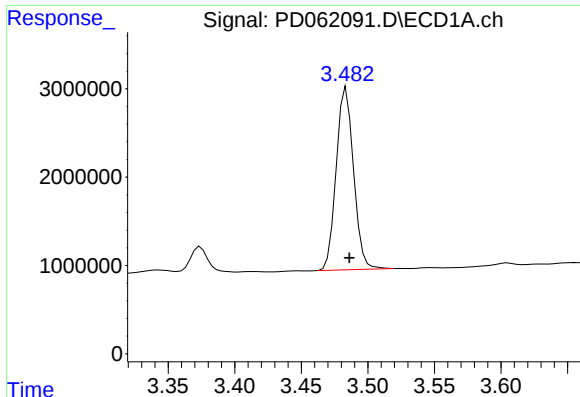
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 05:55:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
Quant Title : GC Extractables
QLast Update : Tue Mar 30 04:47:56 2021
Response 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





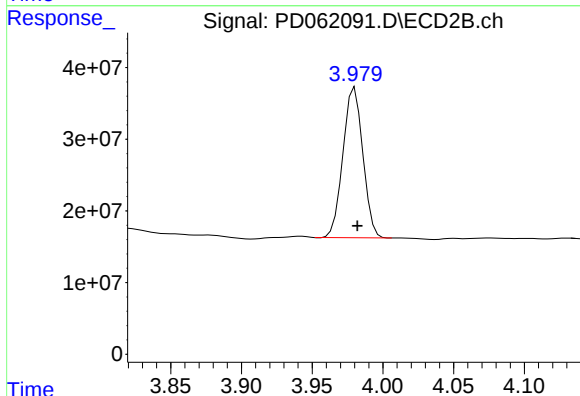
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 18774312
Conc: 22.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

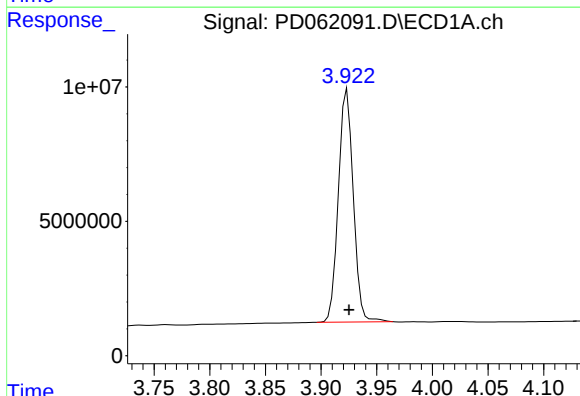
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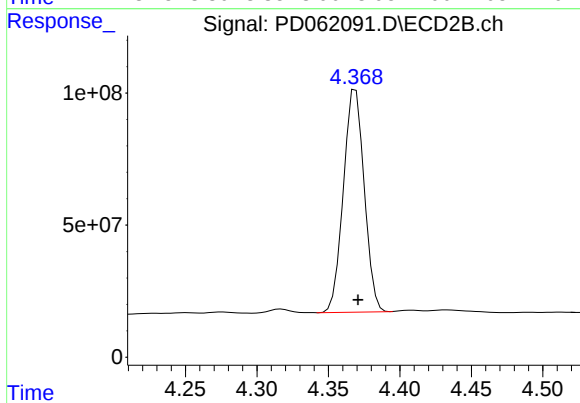
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 205362569
Conc: 23.64 ng/ml



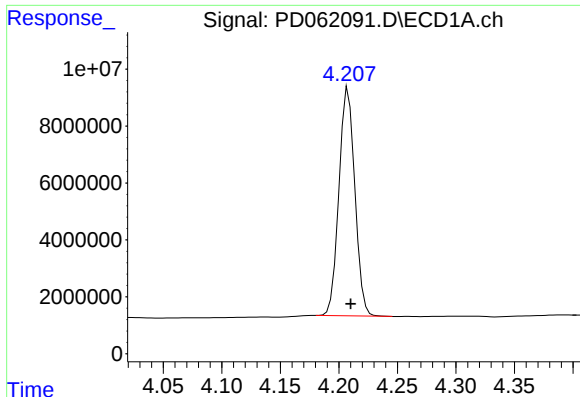
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 80933200
Conc: 64.08 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 857013369
Conc: 63.71 ng/ml



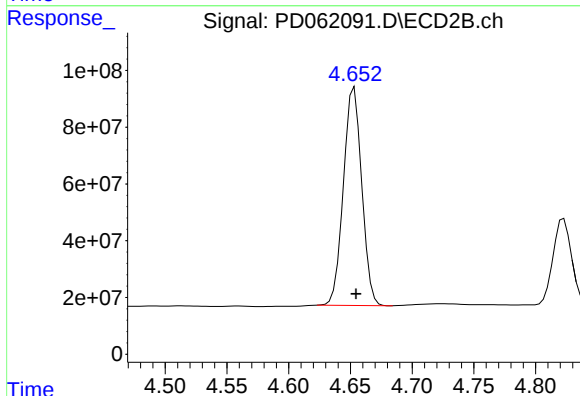
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 75748600
Conc: 63.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

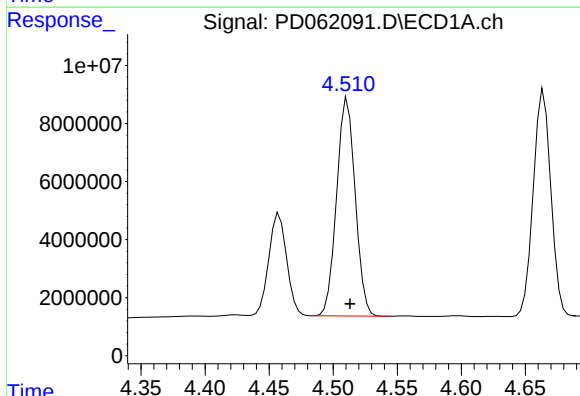
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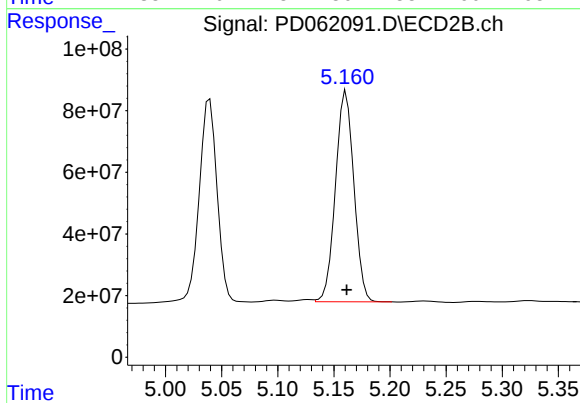
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 793940261
Conc: 63.65 ng/ml



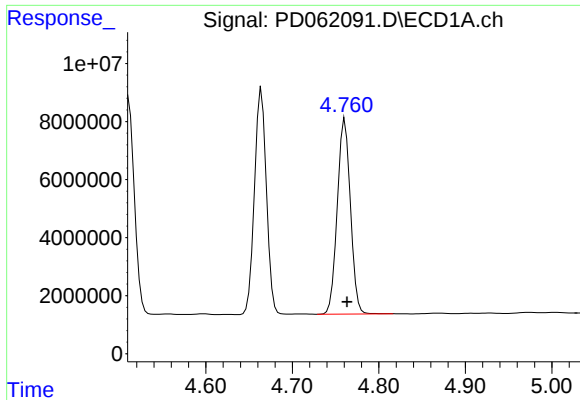
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 75747376
Conc: 65.07 ng/ml



#4 Heptachlor

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 781432845
Conc: 59.97 ng/ml



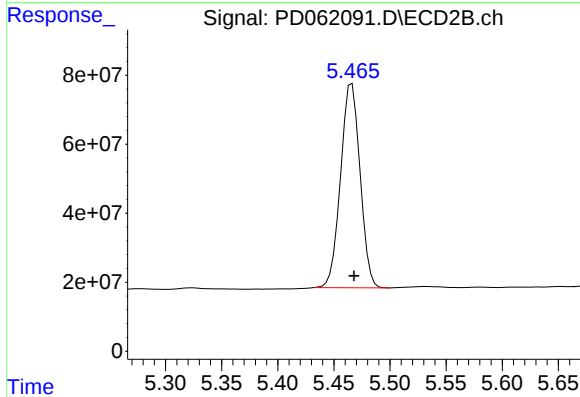
#5 Aldrin

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 70575568
Conc: 58.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

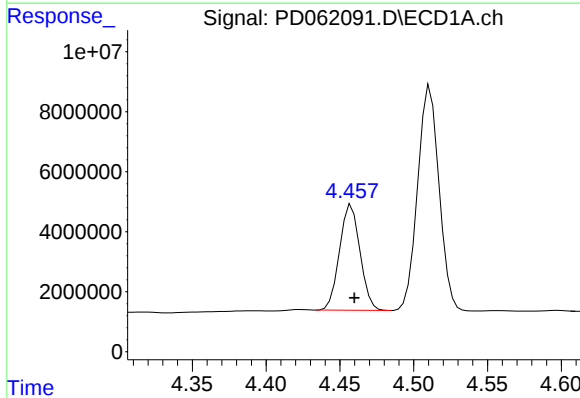
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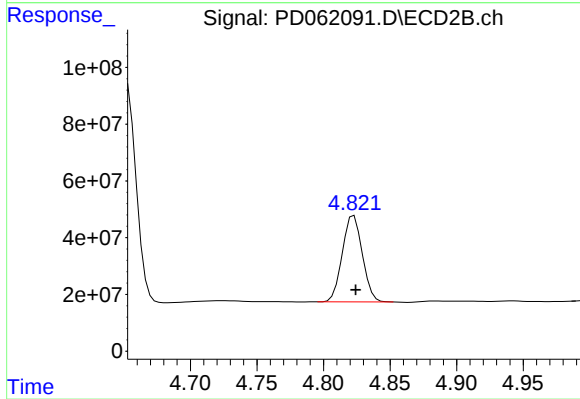
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 714960907
Conc: 57.45 ng/ml



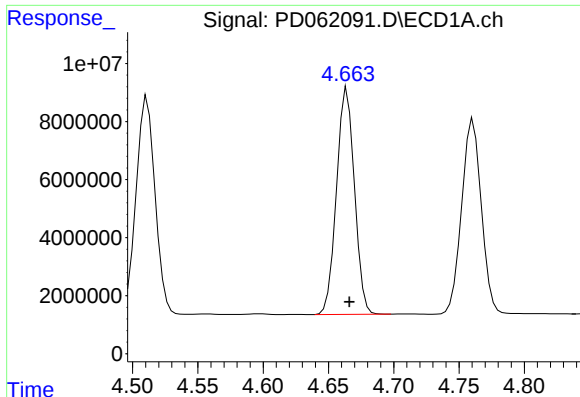
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 34068879
Conc: 62.48 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 318396017
Conc: 61.64 ng/ml



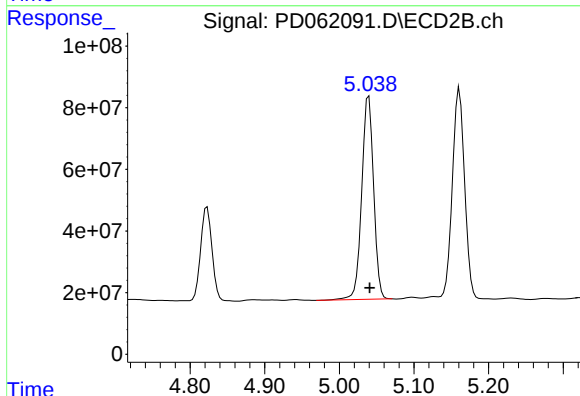
#7 delta-BHC

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 74666960
Conc: 61.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

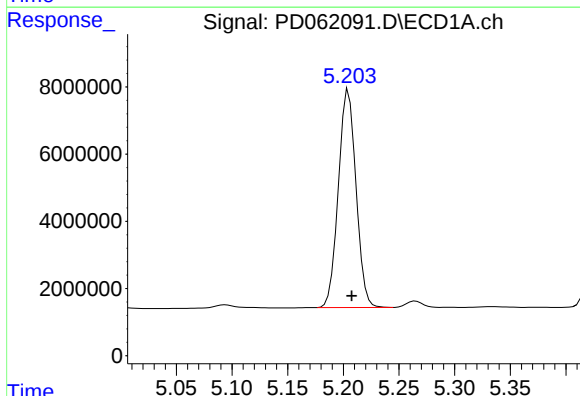
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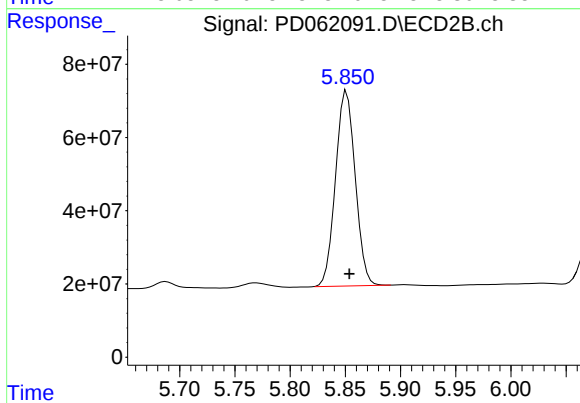
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 732435936
Conc: 55.37 ng/ml



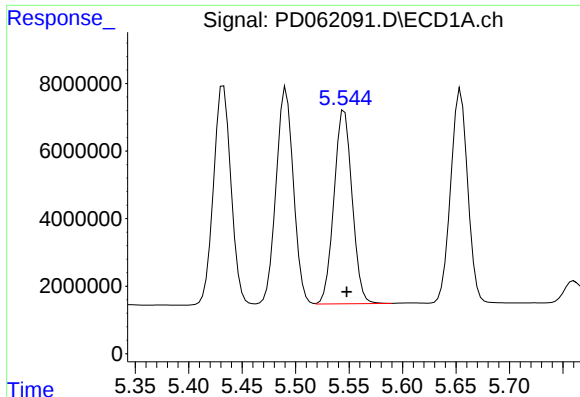
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 71633562
Conc: 62.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 662577457
Conc: 55.96 ng/ml



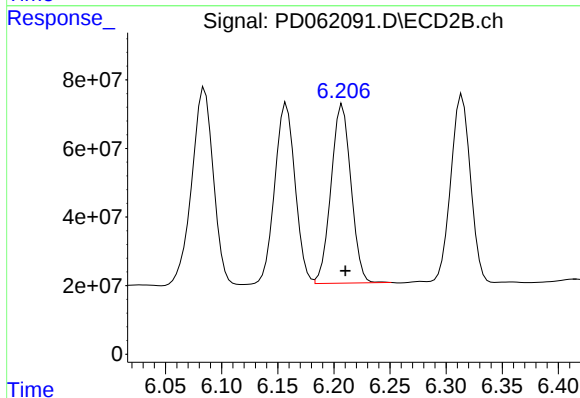
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 67650476
Conc: 61.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

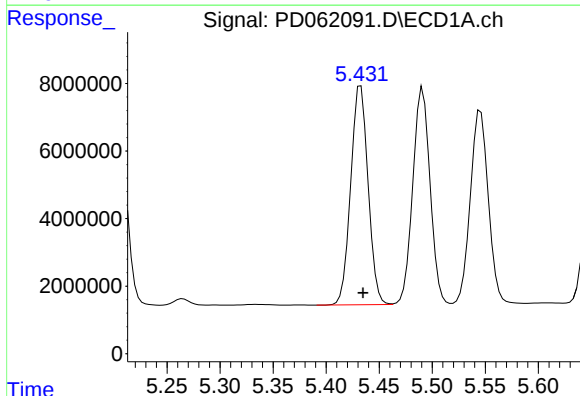
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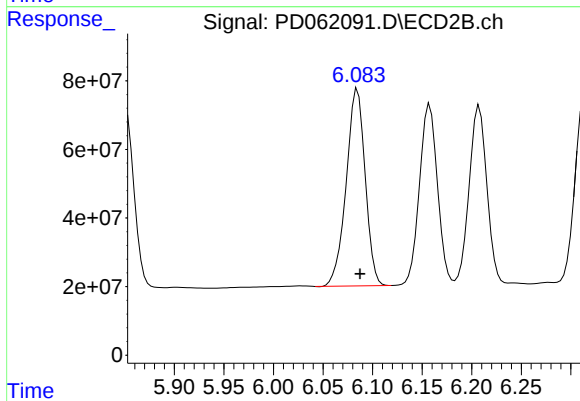
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 646033407
Conc: 59.60 ng/ml



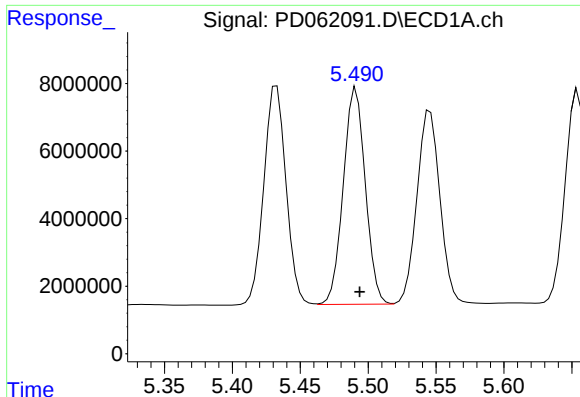
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 73832246
Conc: 63.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 765518703
Conc: 64.57 ng/ml



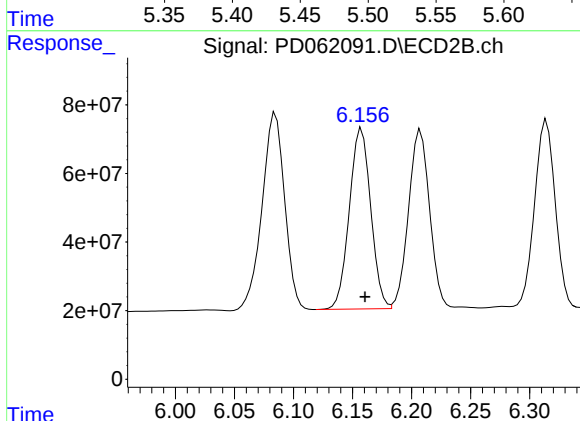
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 72443110
Conc: 62.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

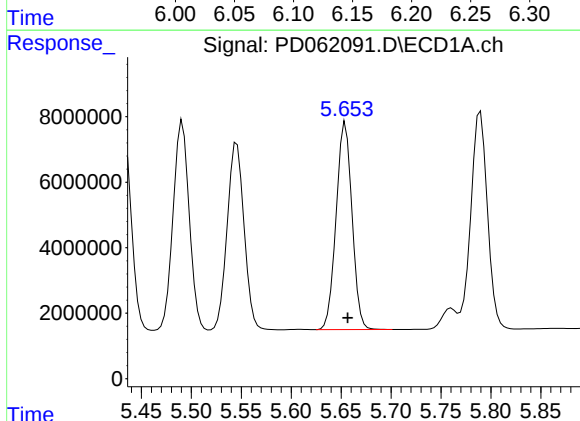
Manual Integrations
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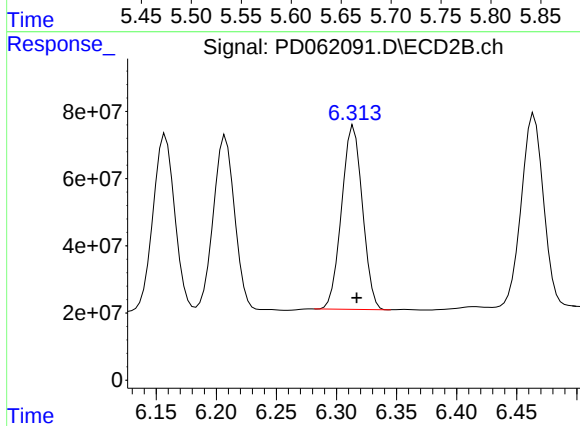
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 664806693
Conc: 58.32 ng/ml



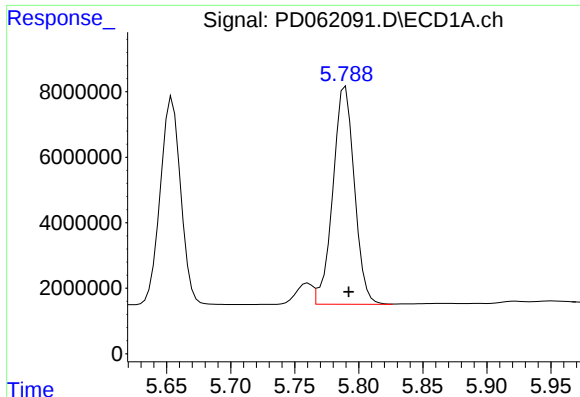
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 70158441
Conc: 62.44 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: -0.002 min
Response: 661639964
Conc: 57.41 ng/ml



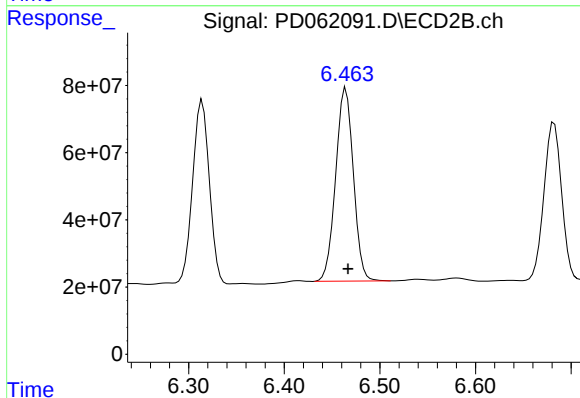
#13 Dieldrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 77405761
Conc: 66.97 ng/ml m

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

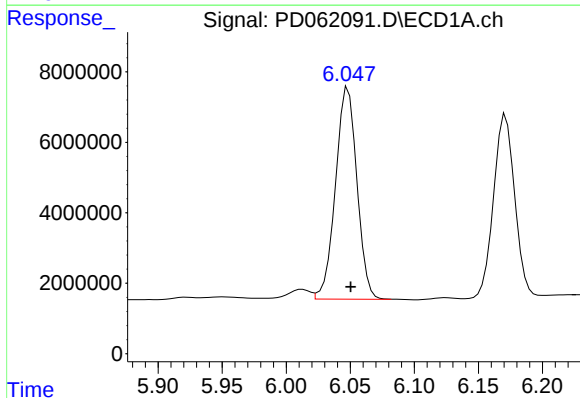
Manual Integrations
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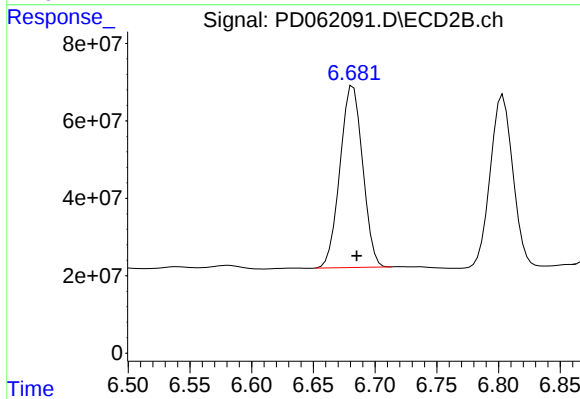
#13 Dieldrin

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 740097842
Conc: 64.12 ng/ml



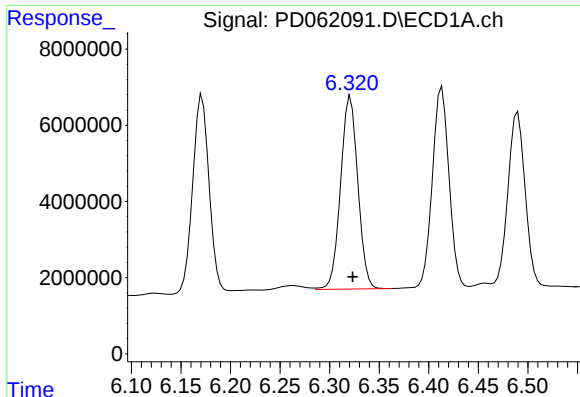
#14 Endrin

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 69908084
Conc: 68.04 ng/ml m



#14 Endrin

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 599364638
Conc: 60.56 ng/ml



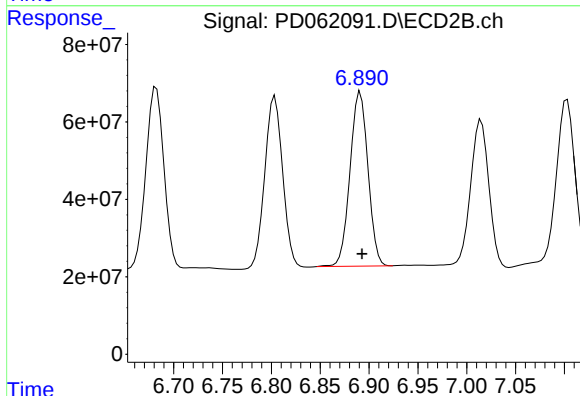
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 61338301
Conc: 59.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

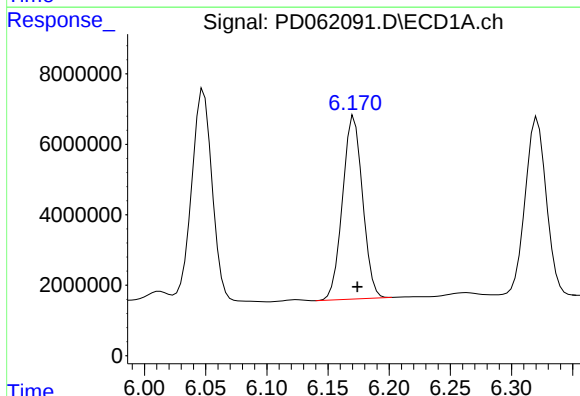
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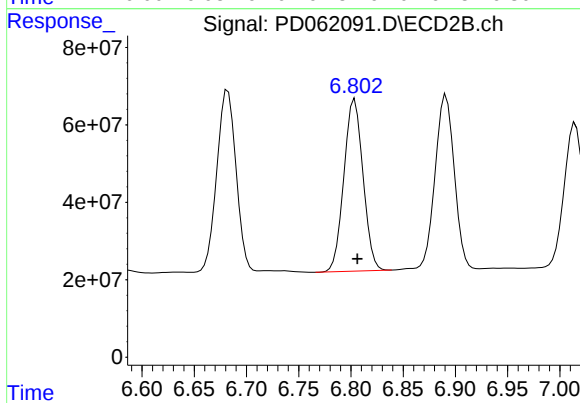
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 576204318
Conc: 60.69 ng/ml



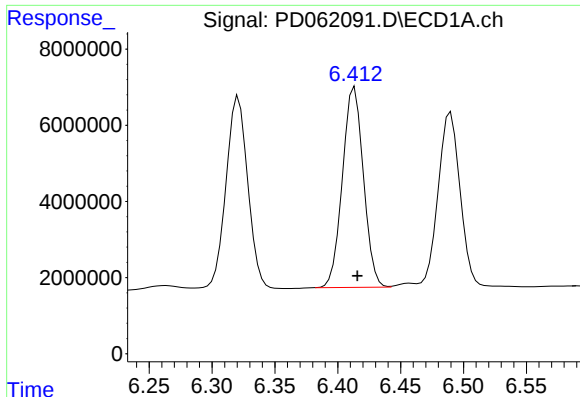
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 59156720
Conc: 63.57 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 565783142
Conc: 59.75 ng/ml



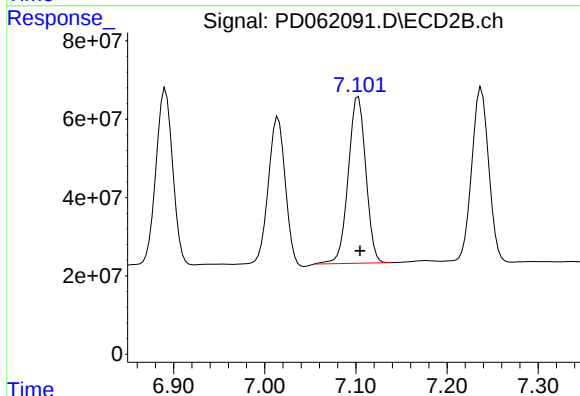
#17 4,4'-DDT

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 61142034
Conc: 67.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

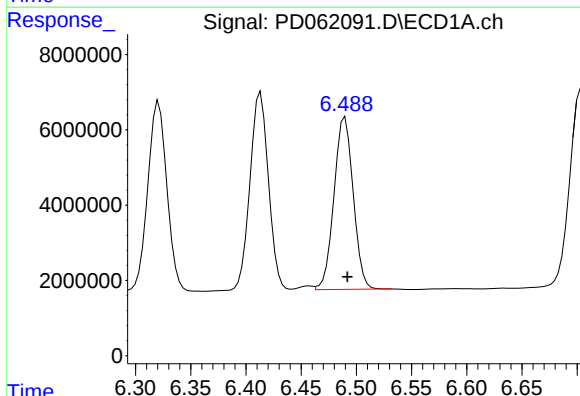
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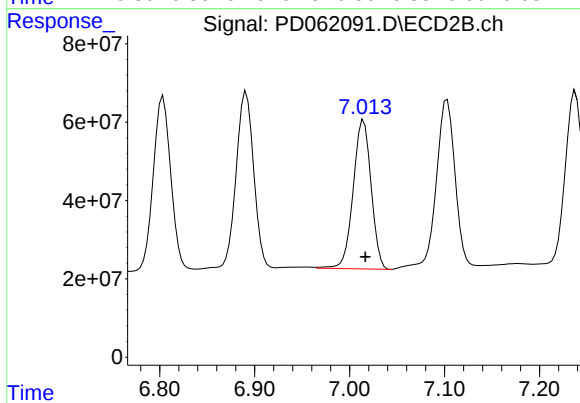
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 569017465
Conc: 59.57 ng/ml



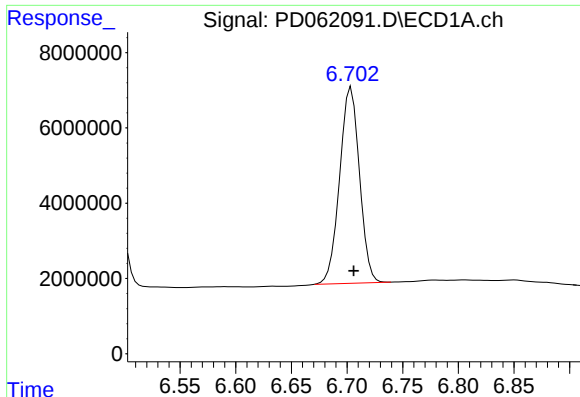
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 55469506
Conc: 64.93 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 498384908
Conc: 63.37 ng/ml



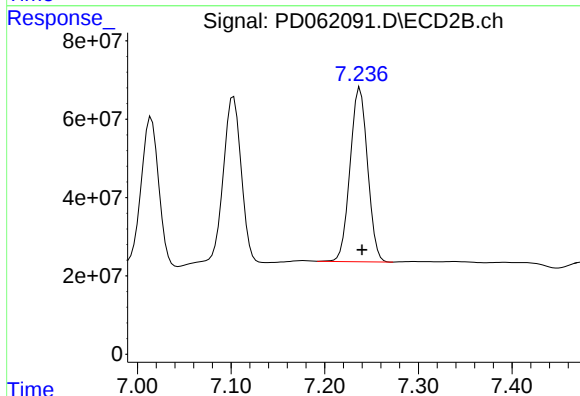
#19 Endosulfan Sulfate

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 64760579
Conc: 60.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

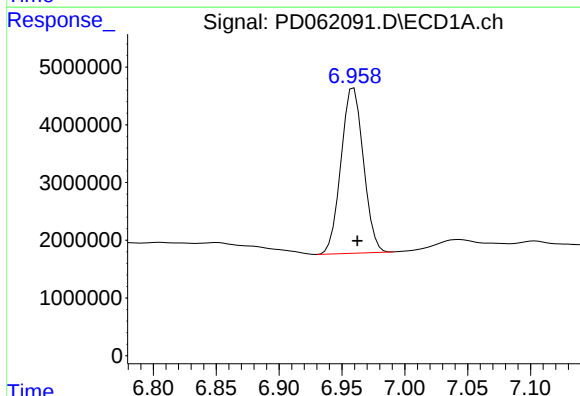
Manual Integrations
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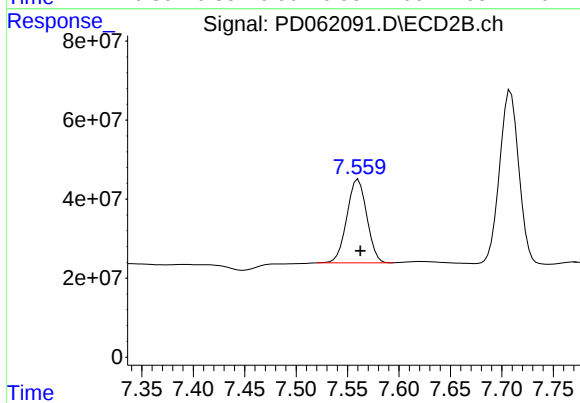
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 577831632
Conc: 57.65 ng/ml



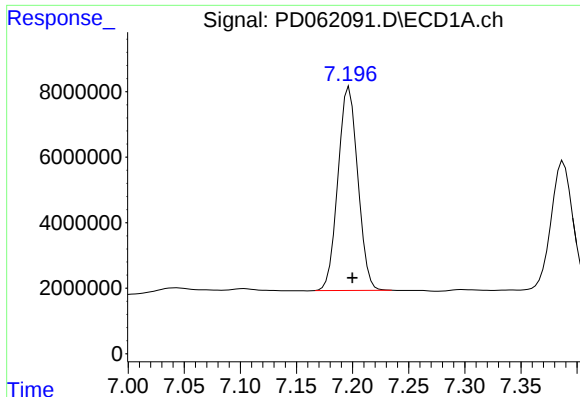
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 35475164
Conc: 75.08 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: -0.002 min
Response: 285405316
Conc: 63.31 ng/ml



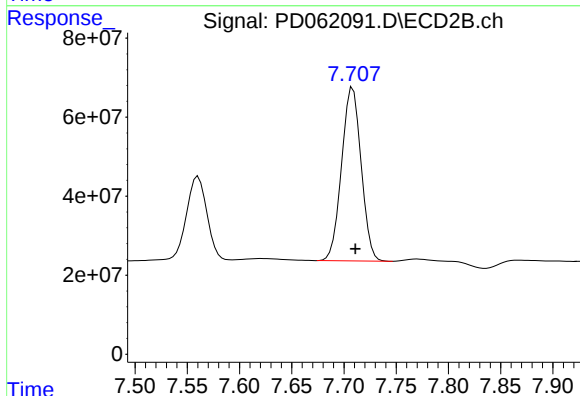
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 76562189
Conc: 59.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

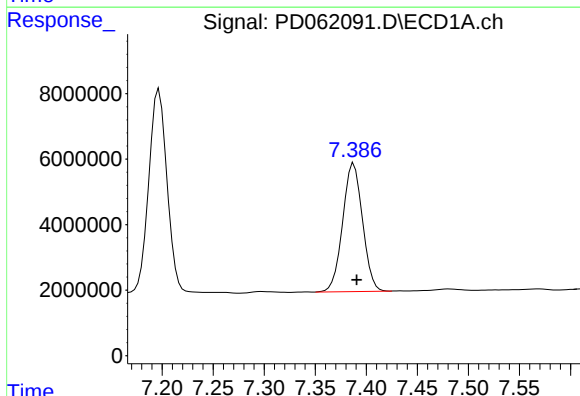
Manual Integrations
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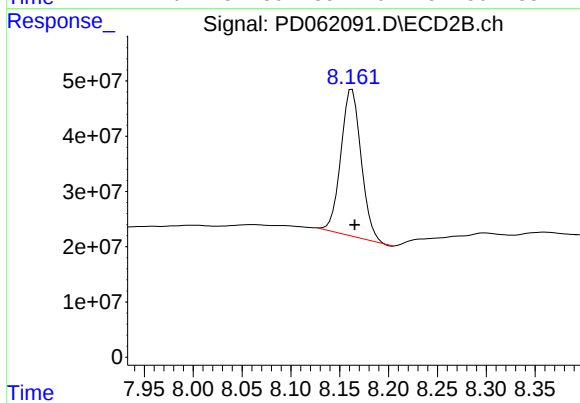
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 571448861
Conc: 56.34 ng/ml



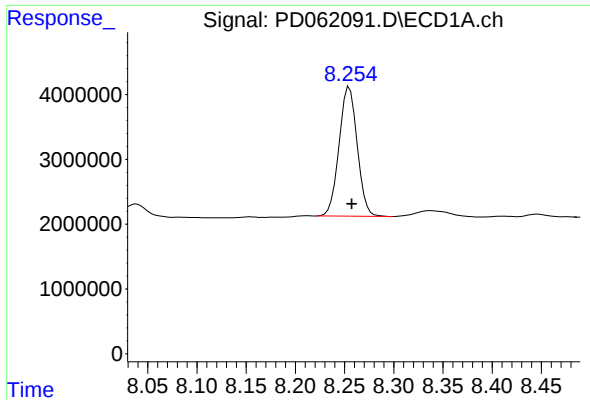
#22 Mirex

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 52845766
Conc: 64.70 ng/ml



#22 Mirex

R.T.: 8.163 min
Delta R.T.: -0.003 min
Response: 385580317
Conc: 59.83 ng/ml



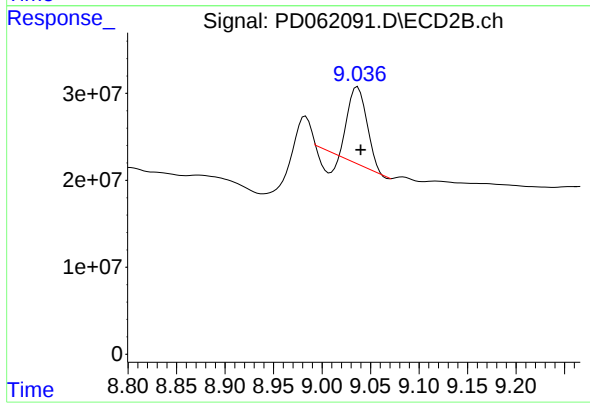
#28 Decachlorobiphenyl

R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 25636605
Conc: 20.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB9MSD

Manual Integrations
APPROVED

Ankita
4/12/2021 4:15:51 PM



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.003 min
Response: 105634740
Conc: 11.19 ng/ml