

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 01:15
 Operator : AR\AJ
 Sample : M3658-05MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 RBR-400027MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 11:50:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 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...	3.495	4.014	11207901	82739359	11.436	11.289
28)	SA Decachlor...	8.237	9.085	23375559	101.5E6	13.558	19.013 #
Target Compounds							
2)	A alpha-BHC	3.935	4.408	44908637	263.4E6	31.172	24.897
3)	MA gamma-BHC...	4.218	4.695	45065719	242.7E6	31.221	24.626
4)	MA Heptachlor	4.516	5.199	43411839	204.9E6	28.603	22.533
5)	MB Aldrin	4.764	5.504	39682960	181.6E6	27.768	21.528
6)	B beta-BHC	4.466	4.869	20132641	107.4E6	24.990	23.079m
7)	B delta-BHC	4.671	5.087	44993925	222.4E6	30.170	23.923
8)	B Heptachlo...	5.206	5.892	41820850	196.0E6	28.672	27.219
9)	A Endosulfan I	5.544	6.251	41111106	148.8E6	29.003	21.130 #
10)	B gamma-Chl...	5.430	6.125	43489511	188.7E6	28.473m	25.132m
11)	B alpha-Chl...	5.490	6.199	42304111	180.9E6	28.102	24.564
12)	B 4,4'-DDE	5.652	6.357	83284005	344.0E6	58.408	47.615
13)	MA Dieldrin	5.787	6.508	58692391	217.9E6	37.928	28.884
14)	MA Endrin	6.044	6.728	53386151	188.8E6	38.827	31.655
15)	B Endosulfa...	6.316	6.940	45700095	140.8E6	31.819	21.961 #
16)	A 4,4'-DDD	6.166	6.851	37000155	266.9E6	29.023	42.750 #
17)	MA 4,4'-DDT	6.406	7.147	127.4E6	337.0E6	92.537	55.320m#
18)	B Endrin al...	6.487	7.065	48737636	145.5E6	38.640	26.623 #
19)	B Endosulfa...	6.694	7.286	72672156	164.4E6	47.033	25.715m#
20)	A Methoxychlor	6.946	7.607	22177881	114.7E6	26.449m	35.233 #
21)	B Endrin ke...	7.191	7.761	73150255	229.9E6	39.342	30.386
22)	Mirex	7.375	8.210	49746225	203.3E6	31.732	38.445

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 01:15
Operator : AR\AJ
Sample : M3658-05MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

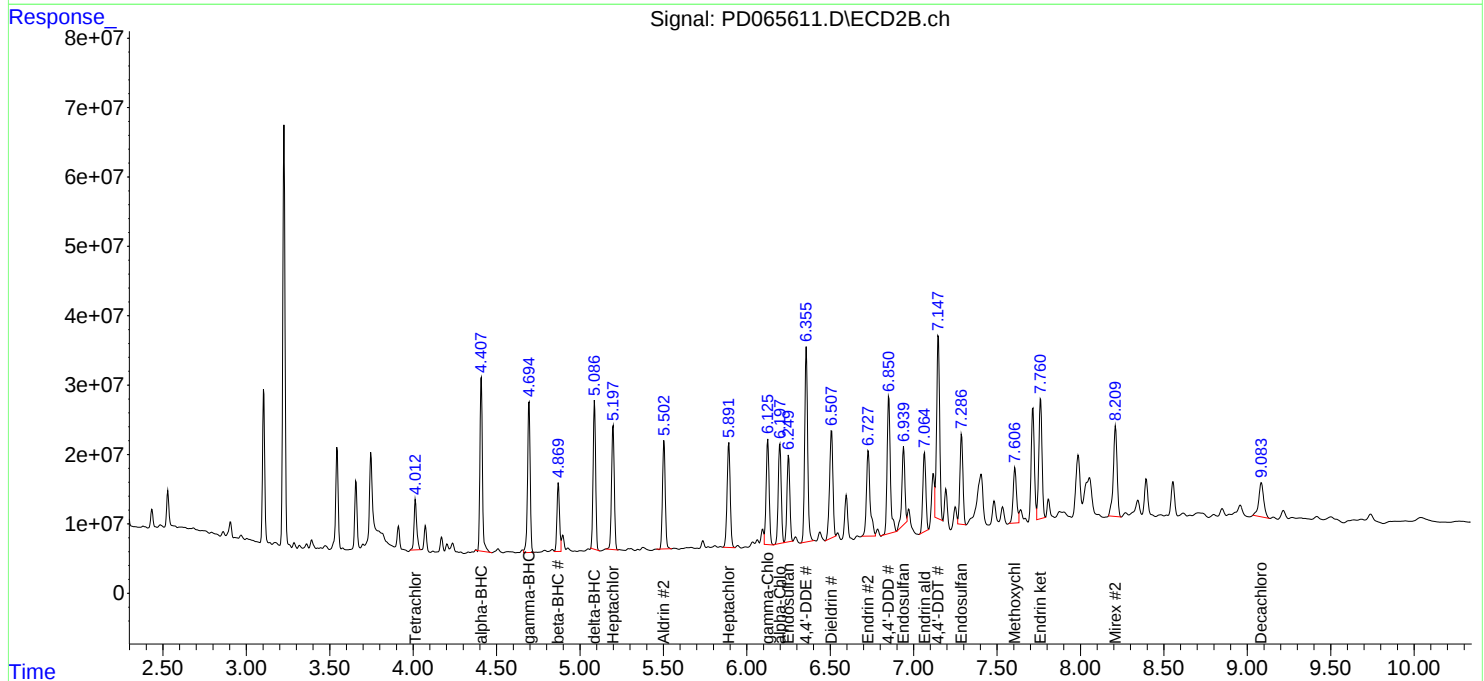
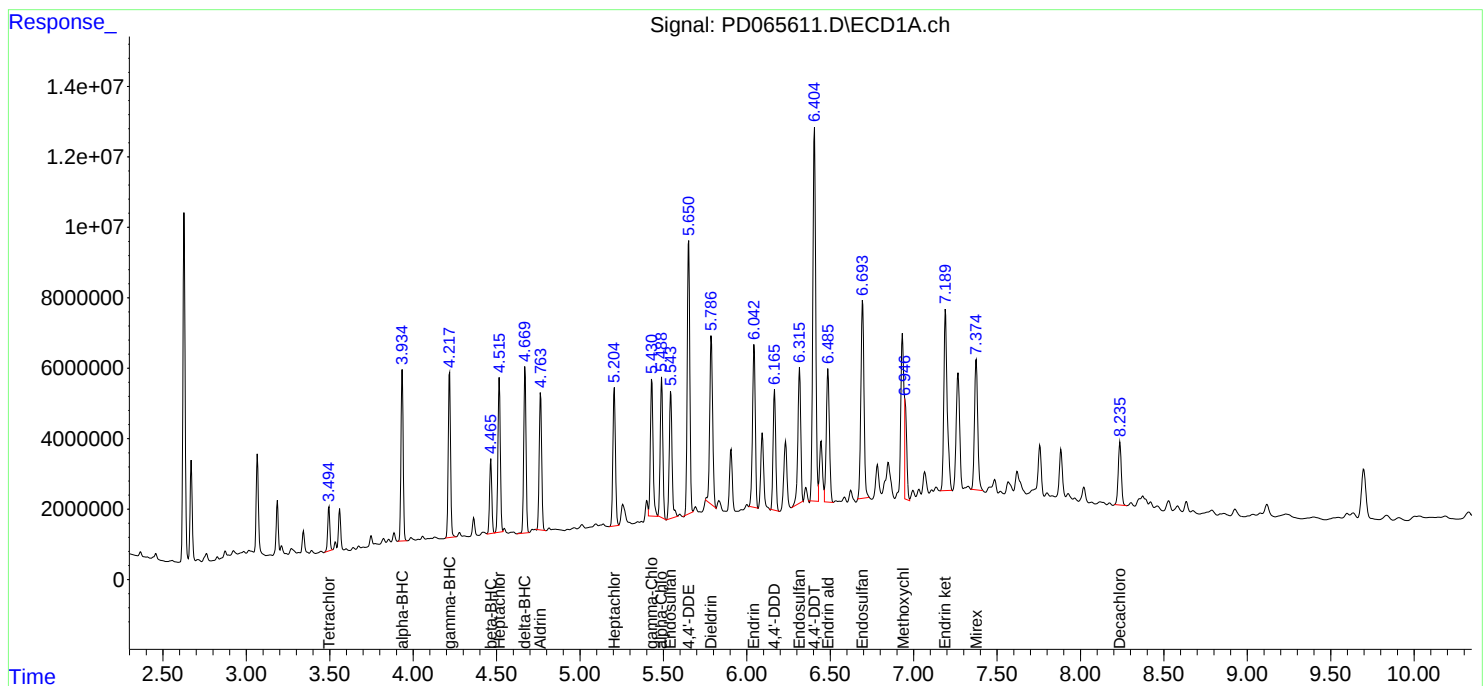
Instrument :
ECD_D
ClientSampled :
RBR-400027MS

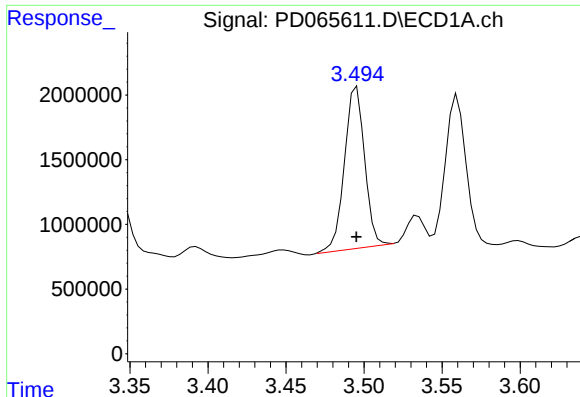
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 11:50:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 2021
Response 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





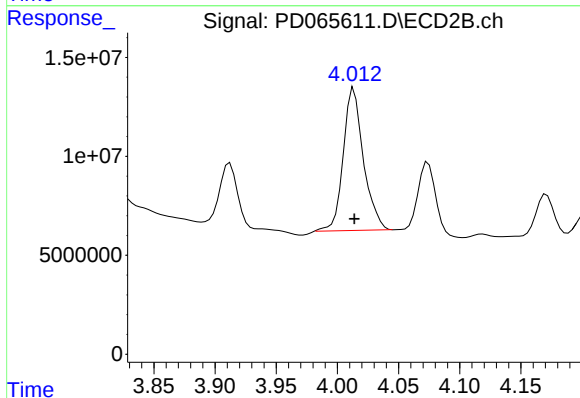
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 11207901
Conc: 11.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

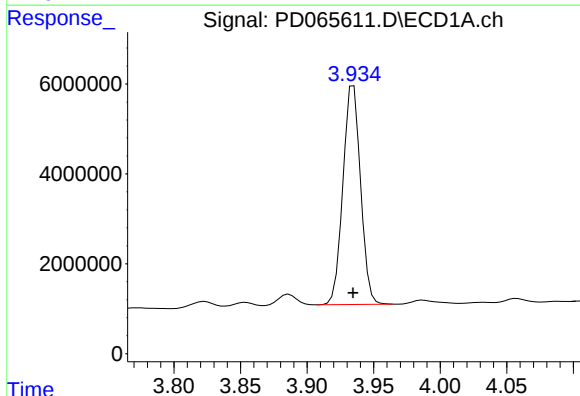
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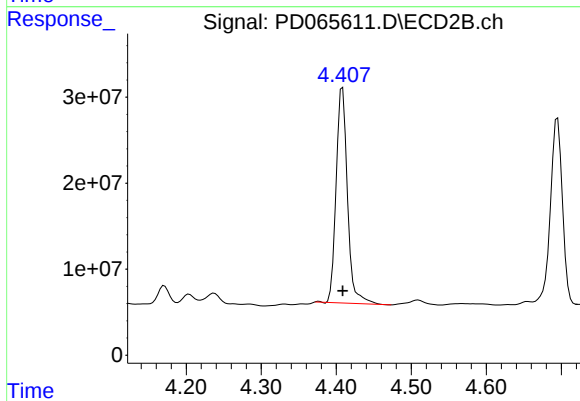
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 82739359
Conc: 11.29 ng/ml



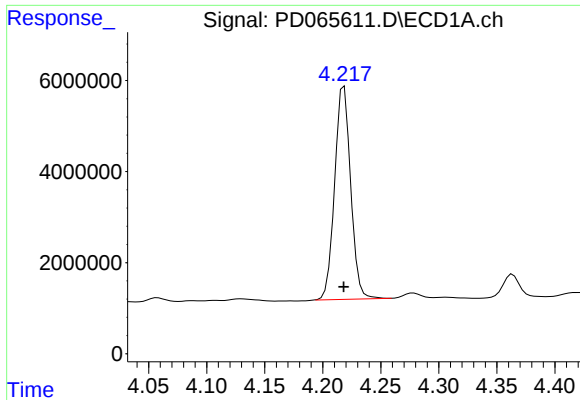
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 44908637
Conc: 31.17 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 263377766
Conc: 24.90 ng/ml



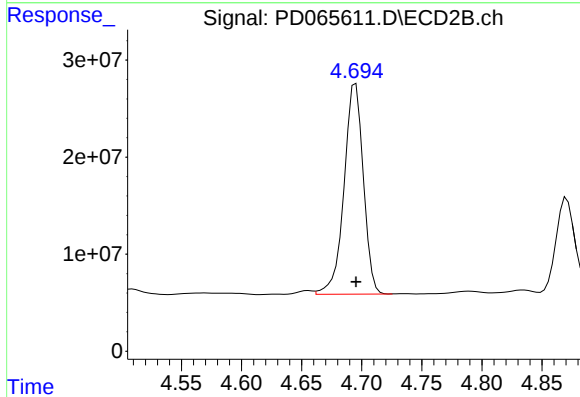
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 45065719
Conc: 31.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

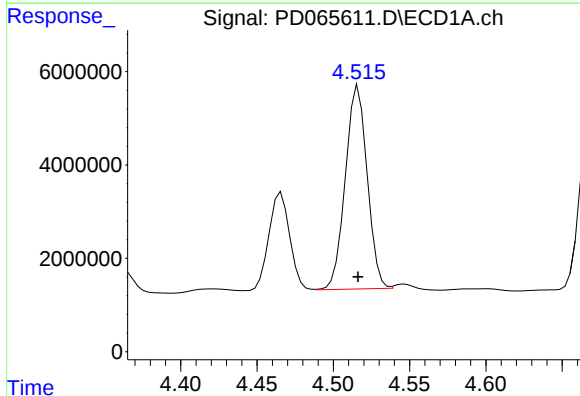
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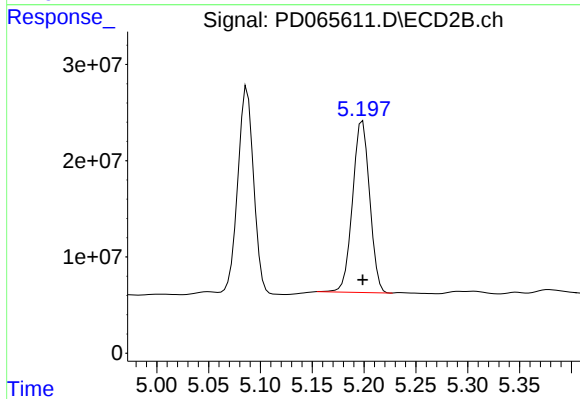
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 242666325
Conc: 24.63 ng/ml



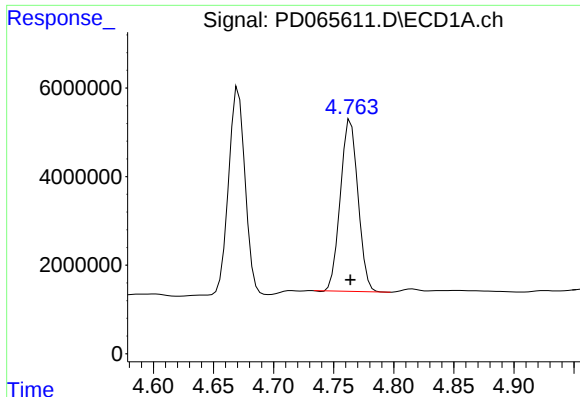
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 43411839
Conc: 28.60 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 204875852
Conc: 22.53 ng/ml



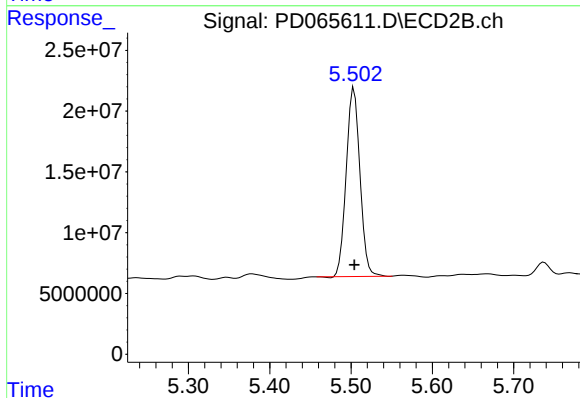
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 39682960
Conc: 27.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

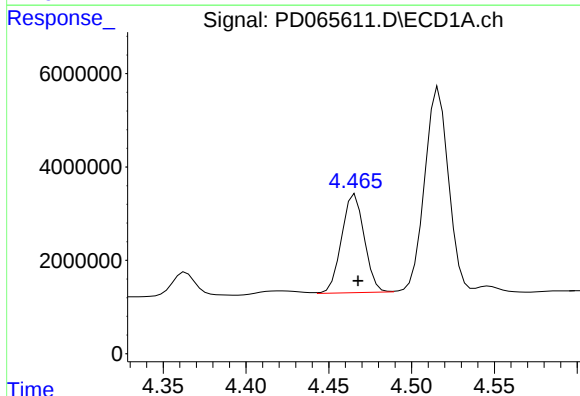
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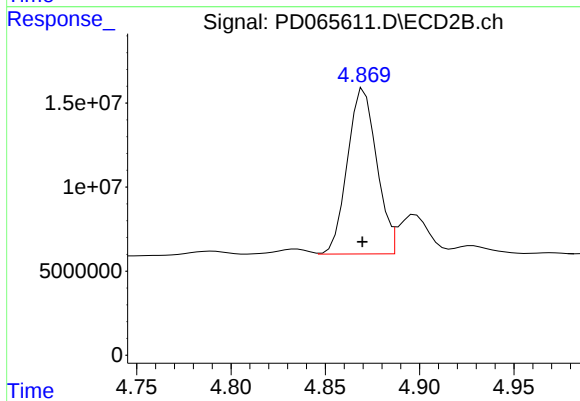
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 181628478
Conc: 21.53 ng/ml



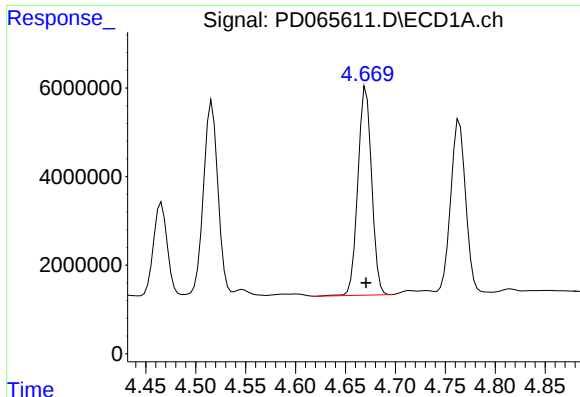
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 20132641
Conc: 24.99 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 107440223
Conc: 23.08 ng/ml m



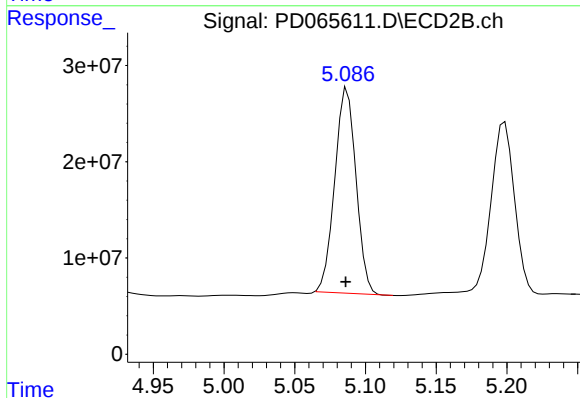
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 44993925
Conc: 30.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

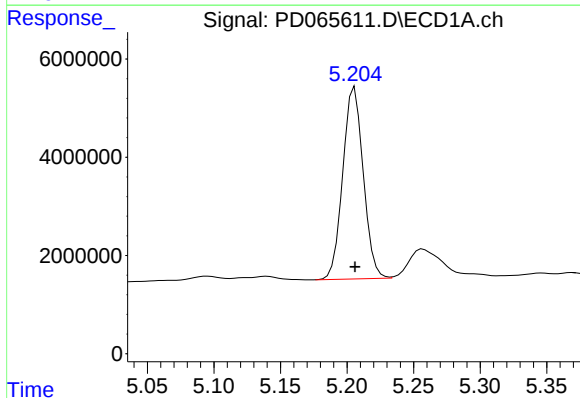
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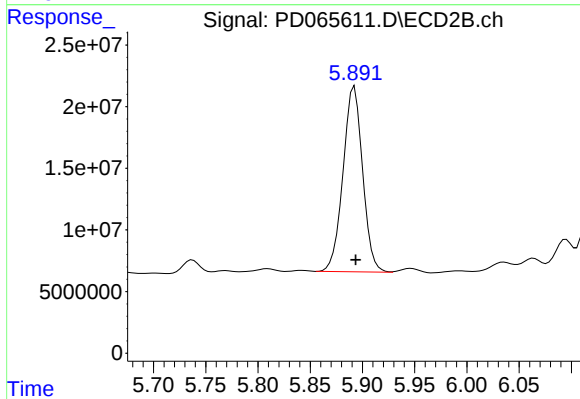
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 222438012
Conc: 23.92 ng/ml



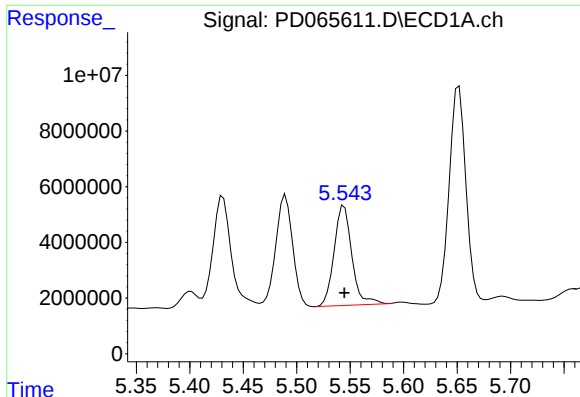
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 41820850
Conc: 28.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 196041810
Conc: 27.22 ng/ml



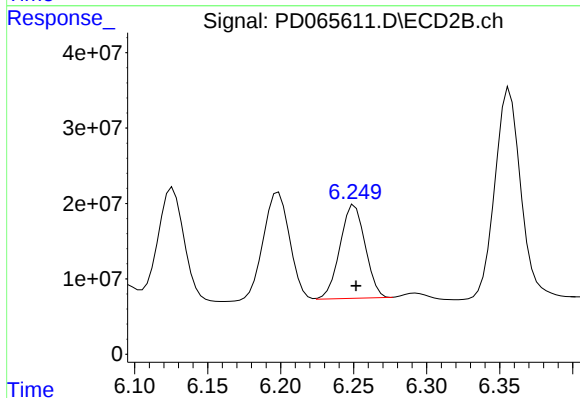
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 41111106
Conc: 29.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

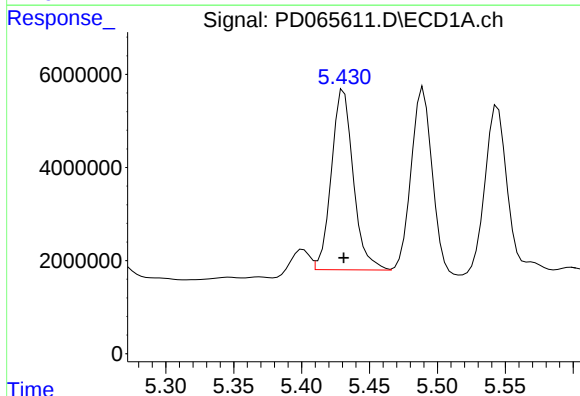
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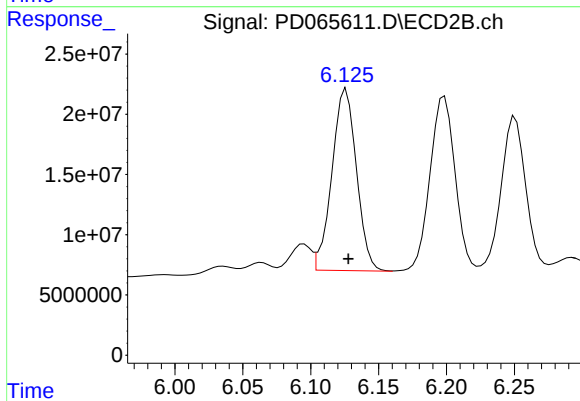
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 148816857
Conc: 21.13 ng/ml



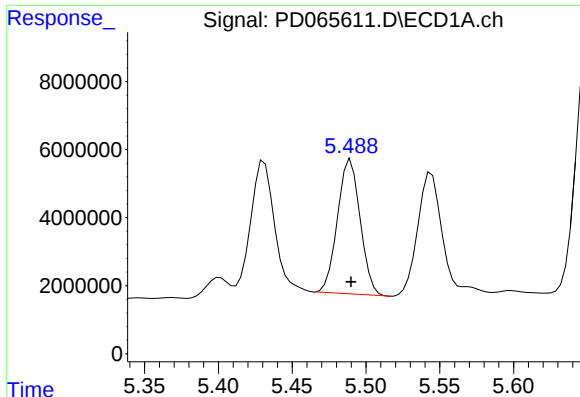
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 43489511
Conc: 28.47 ng/ml m



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 188721272
Conc: 25.13 ng/ml m



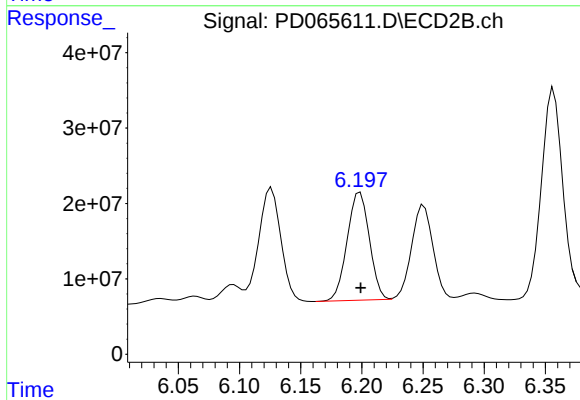
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 42304111
Conc: 28.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

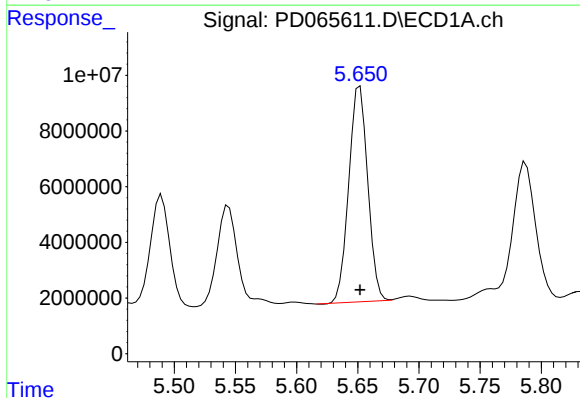
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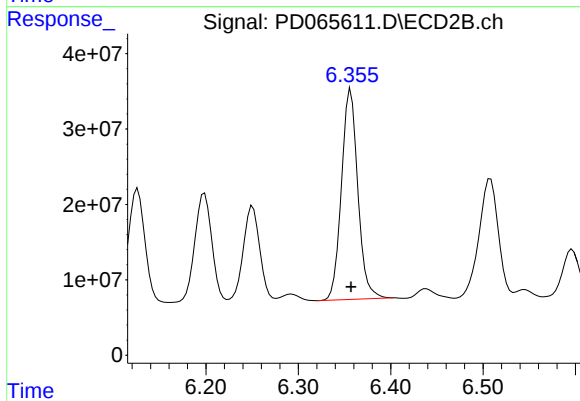
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 180913254
Conc: 24.56 ng/ml



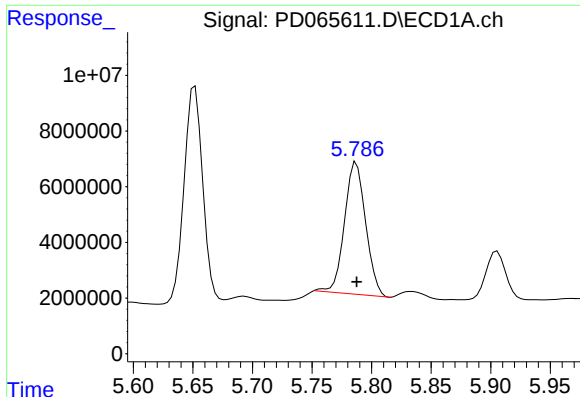
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 83284005
Conc: 58.41 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 344013257
Conc: 47.62 ng/ml



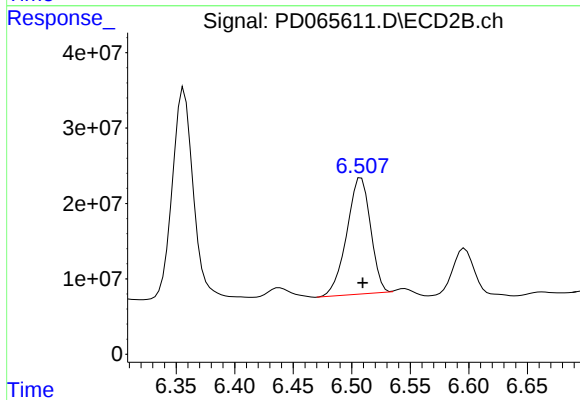
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 58692391
Conc: 37.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

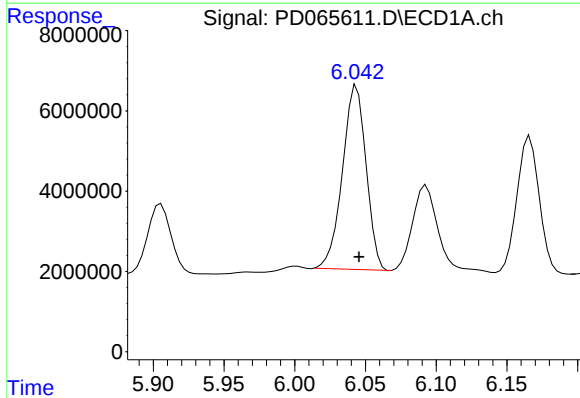
Manual Integrations
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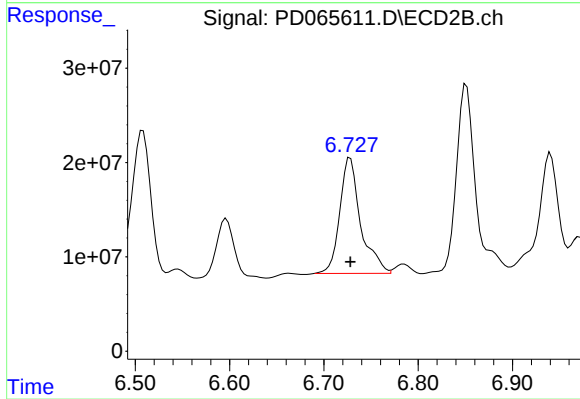
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: -0.001 min
Response: 217911343
Conc: 28.88 ng/ml



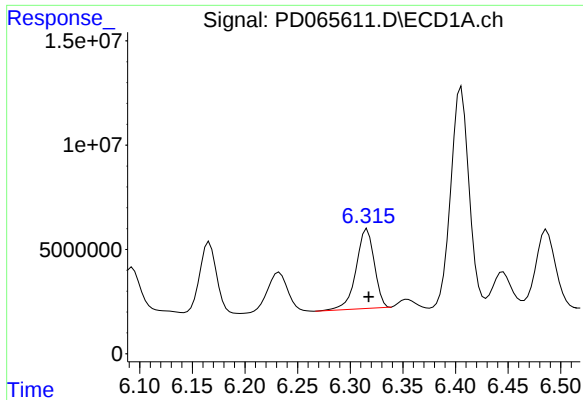
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 53386151
Conc: 38.83 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 188834820
Conc: 31.66 ng/ml



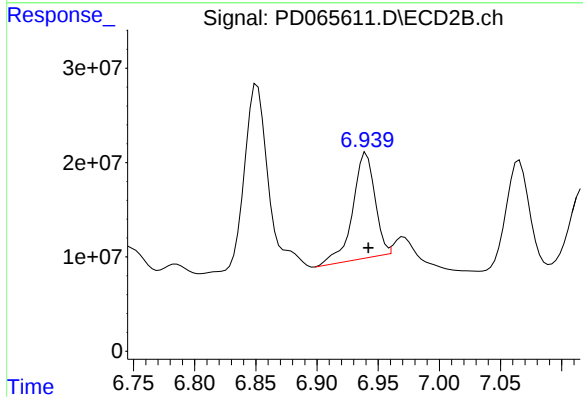
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 45700095
Conc: 31.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

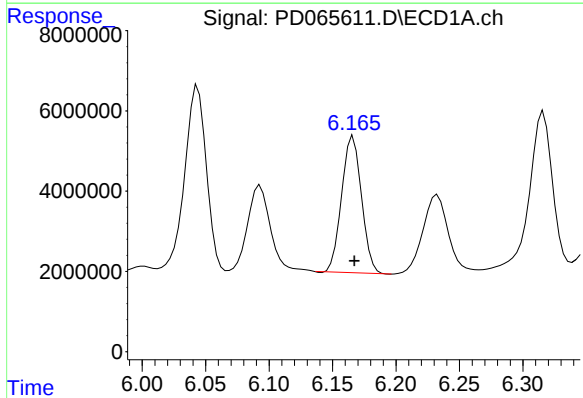
Manual Integrations
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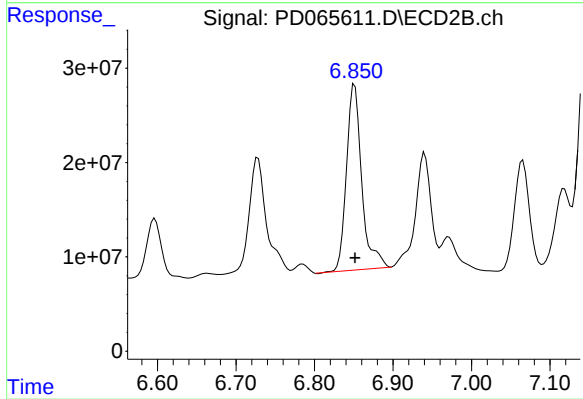
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 140792468
Conc: 21.96 ng/ml



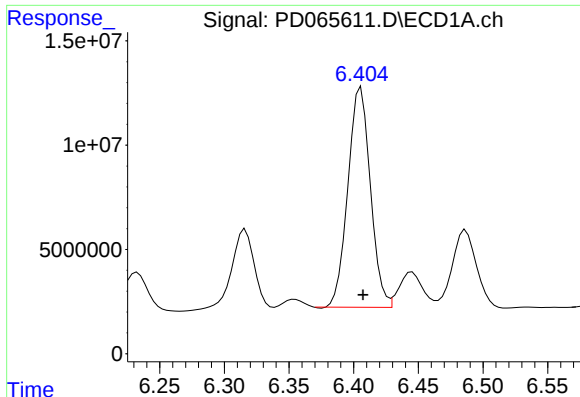
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 37000155
Conc: 29.02 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 266864204
Conc: 42.75 ng/ml



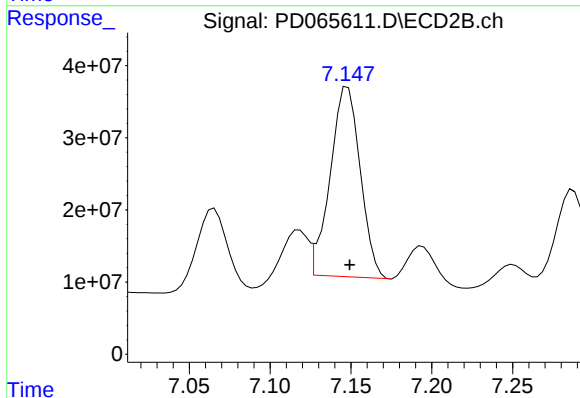
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 127367145
Conc: 92.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

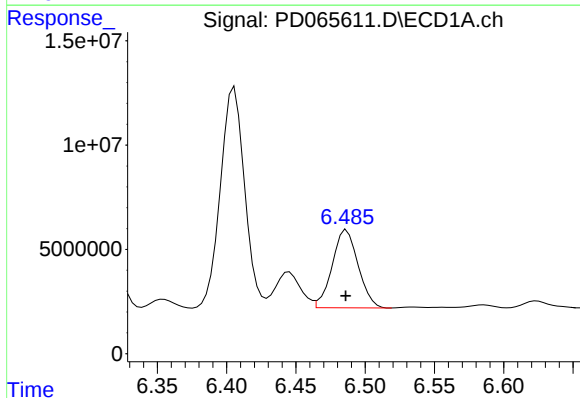
Manual Integrations
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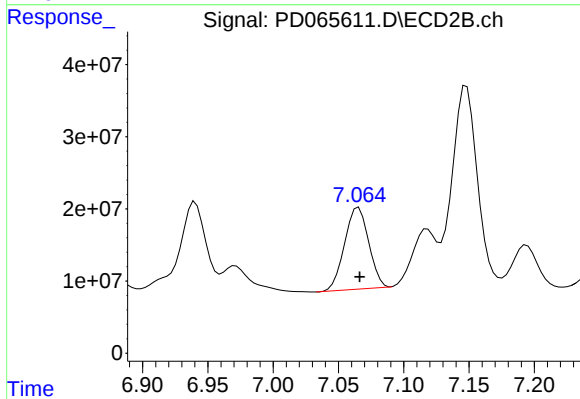
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: -0.003 min
Response: 336973320
Conc: 55.32 ng/ml m



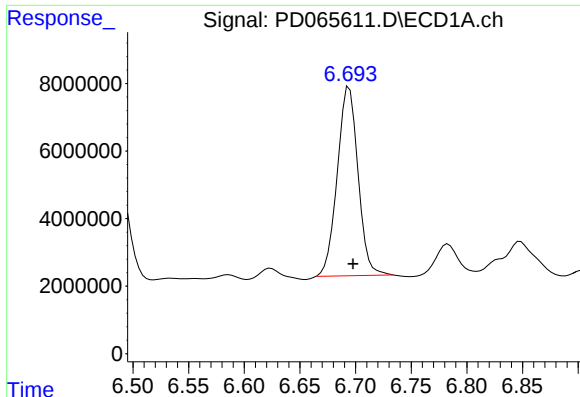
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 48737636
Conc: 38.64 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 145453268
Conc: 26.62 ng/ml



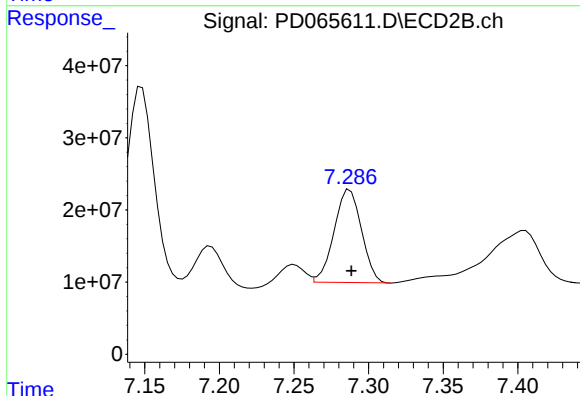
#19 Endosulfan Sulfate

R.T.: 6.694 min
Delta R.T.: -0.003 min
Response: 72672156
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

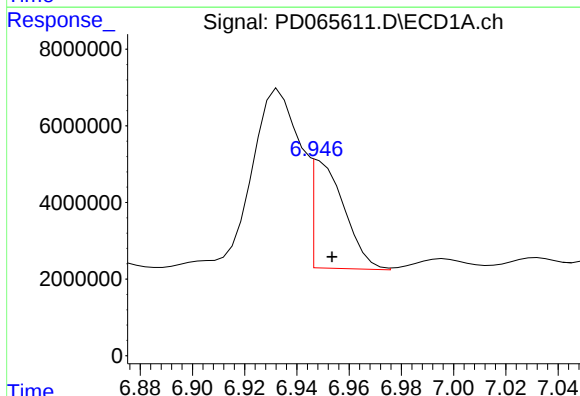
Manual Integrations
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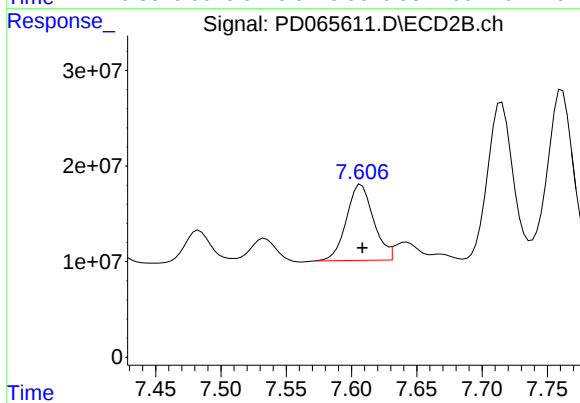
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 164387054
Conc: 25.72 ng/ml m



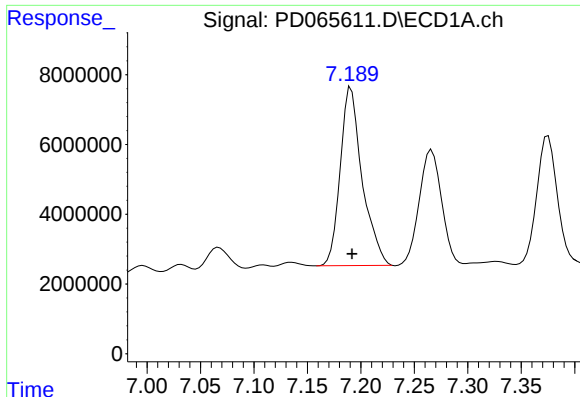
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: -0.007 min
Response: 22177881
Conc: 26.45 ng/ml m



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 114683560
Conc: 35.23 ng/ml



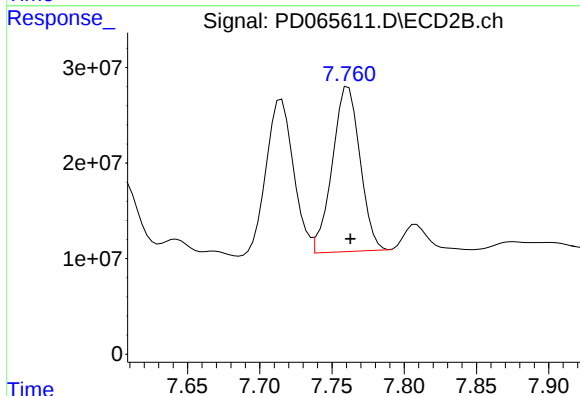
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 73150255
Conc: 39.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

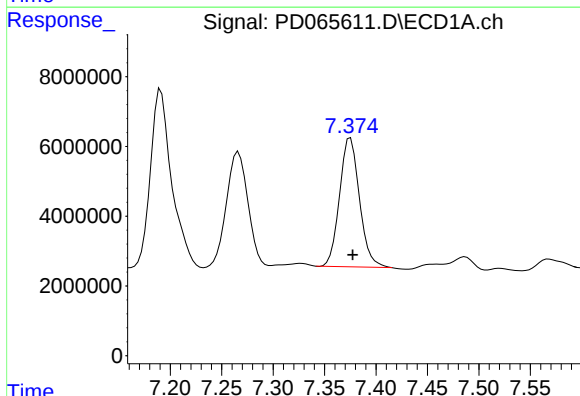
Manual Integrations
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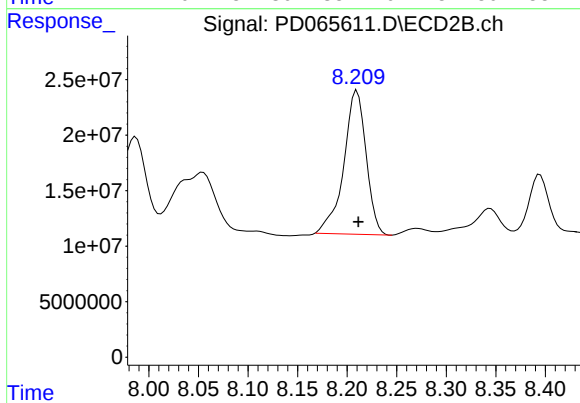
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 229875720
Conc: 30.39 ng/ml



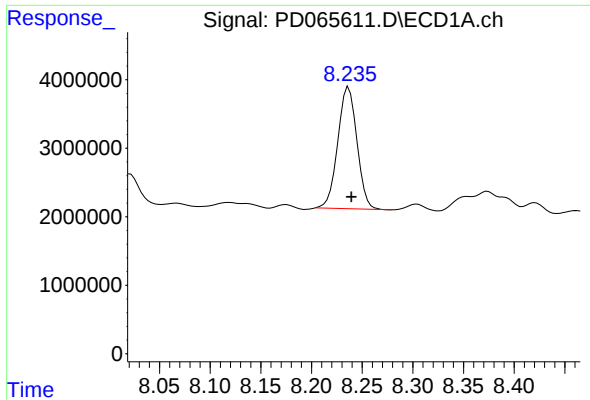
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 49746225
Conc: 31.73 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 203340197
Conc: 38.45 ng/ml



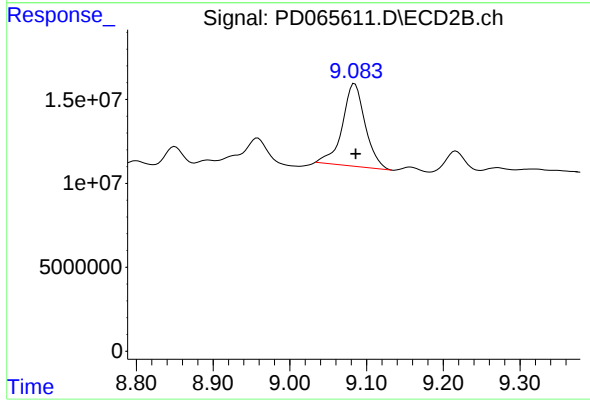
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: -0.003 min
Response: 23375559
Conc: 13.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MS

Manual Integrations
APPROVED

mohammad
9/8/2021 4:26:16 PM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 101455710
Conc: 19.01 ng/ml