

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 01:29
 Operator : AR\AJ
 Sample : M3658-05MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 RBR-400027MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 11:51:46 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	4.013	11352787	83078885	11.584	11.335
28)	SA Decachlor...	8.237	9.086	23101087	100.2E6	13.399	18.784 #
Target Compounds							
2)	A alpha-BHC	3.935	4.407	45683255	272.0E6	31.709	25.712m
3)	MA gamma-BHC...	4.218	4.695	45281579	246.2E6	31.371	24.988
4)	MA Heptachlor	4.516	5.198	43815639	208.6E6	28.869	22.944
5)	MB Aldrin	4.764	5.504	40208502	184.8E6	28.136	21.907
6)	B beta-BHC	4.466	4.869	20278029	107.8E6	25.219	23.158m
7)	B delta-BHC	4.670	5.087	45595172	225.9E6	30.574	24.297
8)	B Heptachlo...	5.206	5.892	42163786	199.1E6	28.907	27.649
9)	A Endosulfan I	5.544	6.251	41919630	150.6E6	29.573	21.376 #
10)	B gamma-Chl...	5.429	6.125	43905739	191.2E6	28.746m	25.458m
11)	B alpha-Chl...	5.489	6.199	42870440	183.1E6	28.479	24.866
12)	B 4,4'-DDE	5.652	6.357	84464848	349.3E6	59.236	48.351
13)	MA Dieldrin	5.787	6.508	59513988	220.5E6	38.459	29.225
14)	MA Endrin	6.044	6.728	54360536	191.7E6	39.536	32.129
15)	B Endosulfa...	6.316	6.941	46287400	139.9E6	32.228	21.823 #
16)	A 4,4'-DDD	6.166	6.851	37477709	268.9E6	29.397	43.071 #
17)	MA 4,4'-DDT	6.406	7.147	129.0E6	350.9E6	93.710	57.615m#
18)	B Endrin al...	6.486	7.066	49143378	146.2E6	38.962	26.761 #
19)	B Endosulfa...	6.694	7.286	73814046	164.9E6	47.772	25.800m#
20)	A Methoxychlor	6.945	7.608	24382396	115.2E6	29.078m	35.383
21)	B Endrin ke...	7.190	7.762	73975582	231.2E6	39.786	30.559
22)	Mirex	7.376	8.210	50493100	203.1E6	32.208	38.405

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 01:29
Operator : AR\AJ
Sample : M3658-05MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

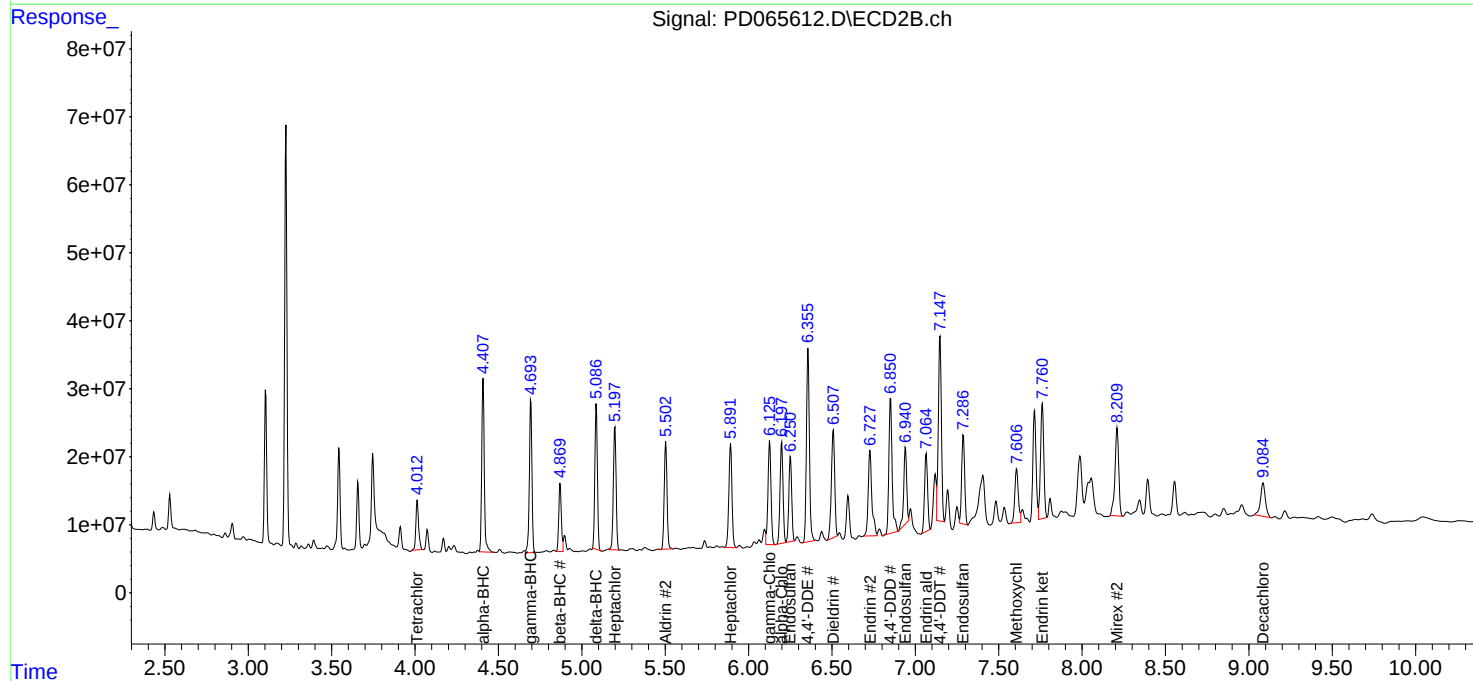
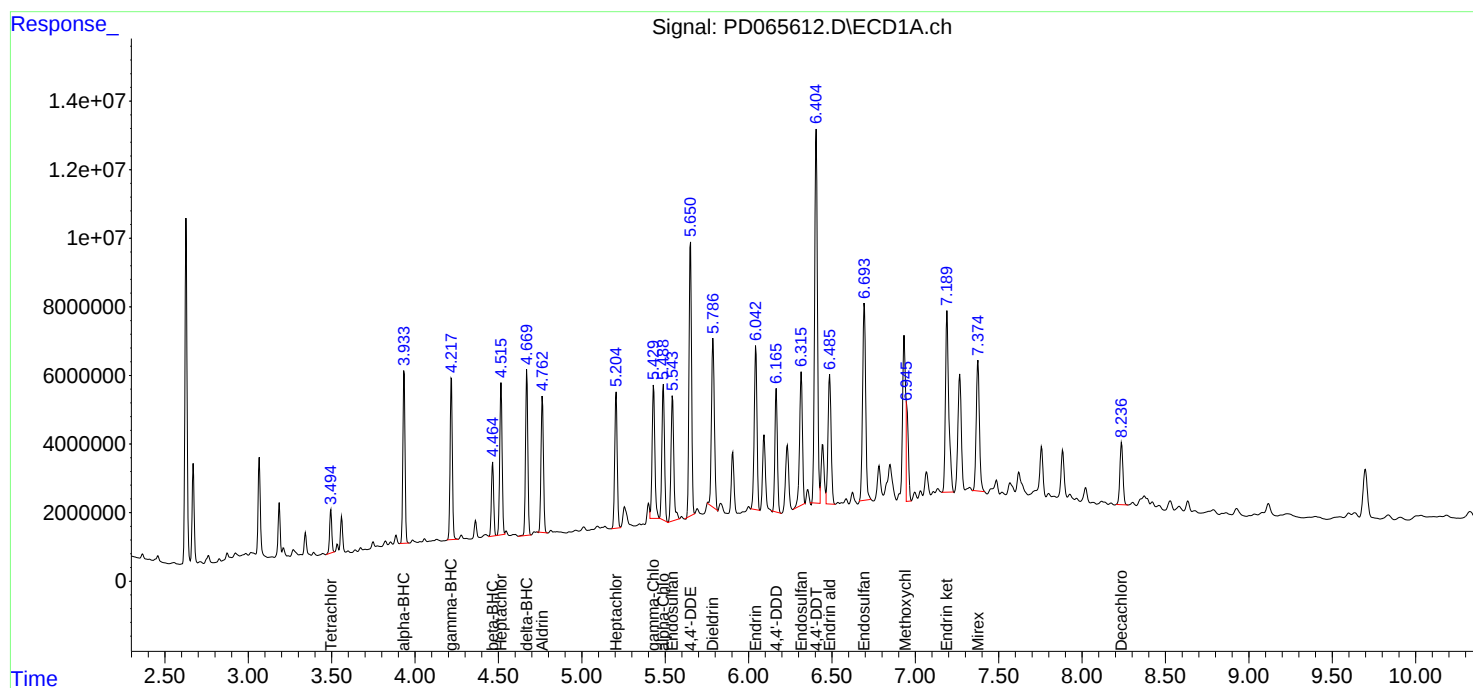
Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

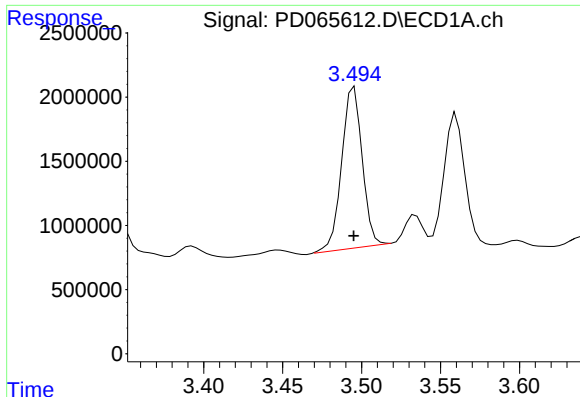
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 11:51:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 2021
Response 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





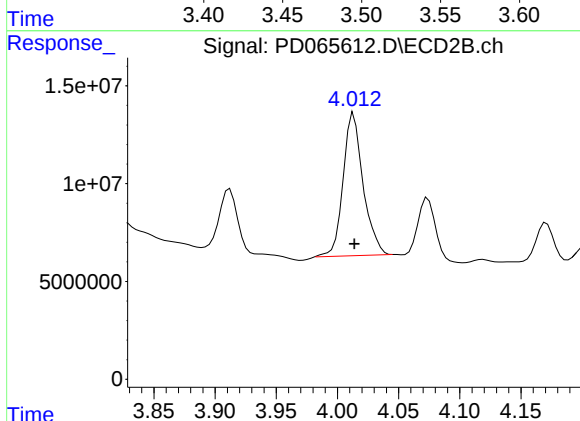
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 11352787
Conc: 11.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

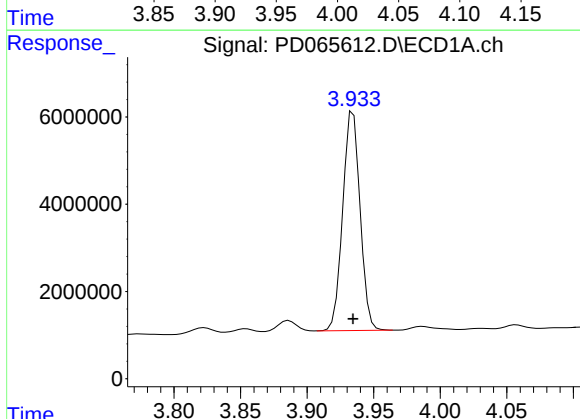
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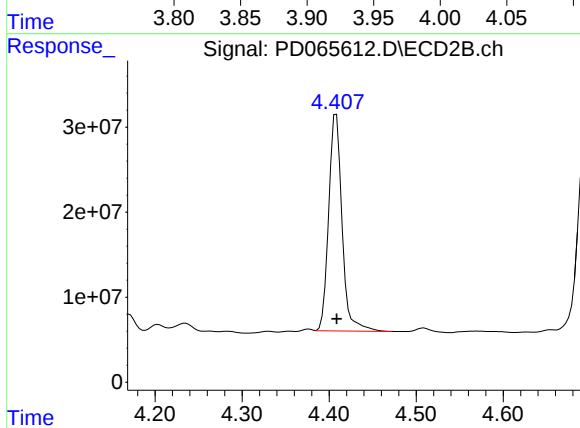
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 83078885
Conc: 11.34 ng/ml



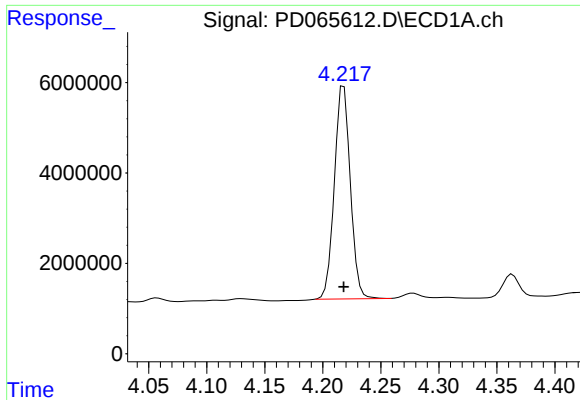
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 45683255
Conc: 31.71 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 271993821
Conc: 25.71 ng/ml m



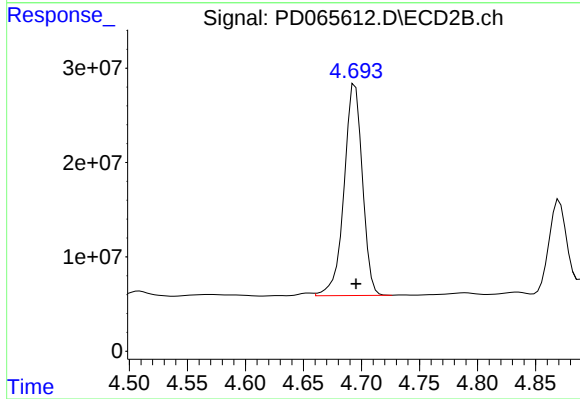
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 45281579
Conc: 31.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

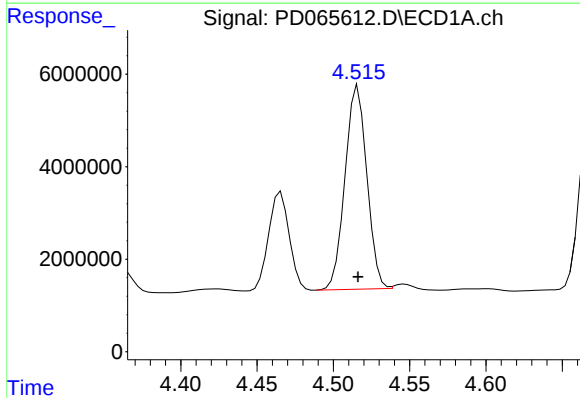
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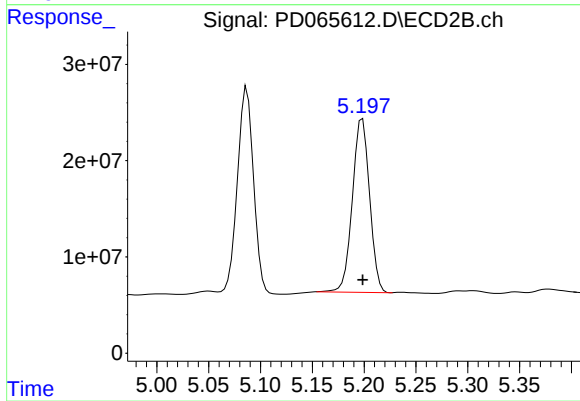
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 246230277
Conc: 24.99 ng/ml



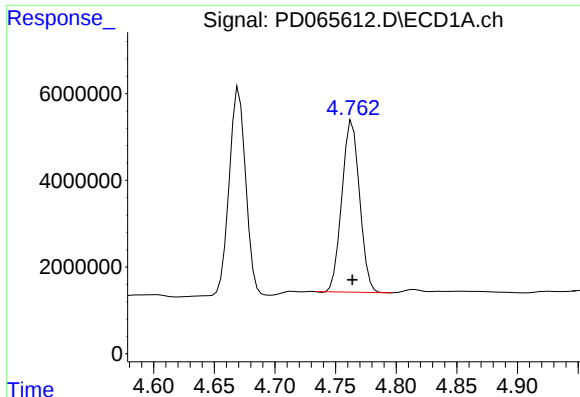
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 43815639
Conc: 28.87 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 208620489
Conc: 22.94 ng/ml



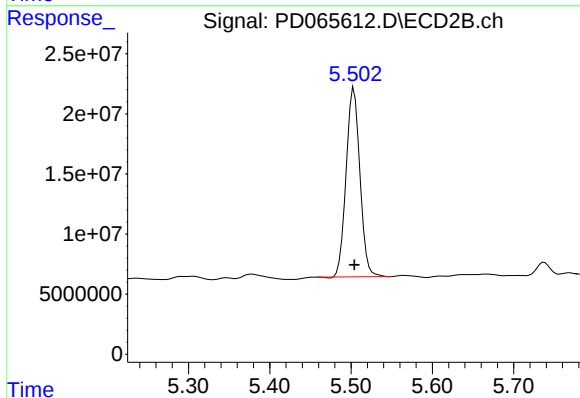
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 40208502
Conc: 28.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

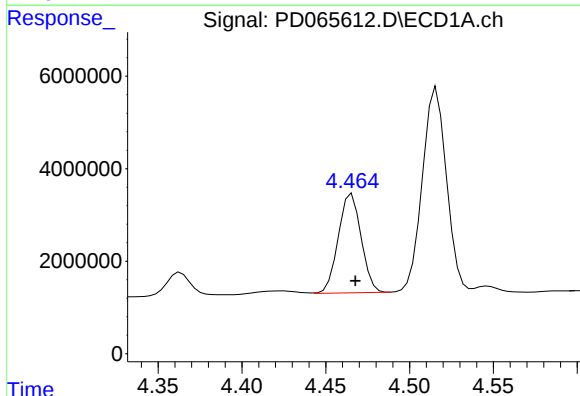
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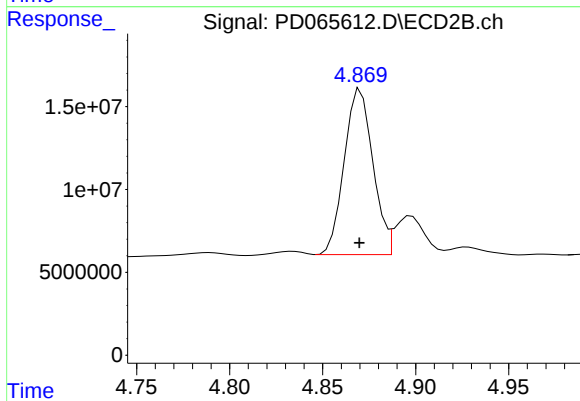
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 184827890
Conc: 21.91 ng/ml



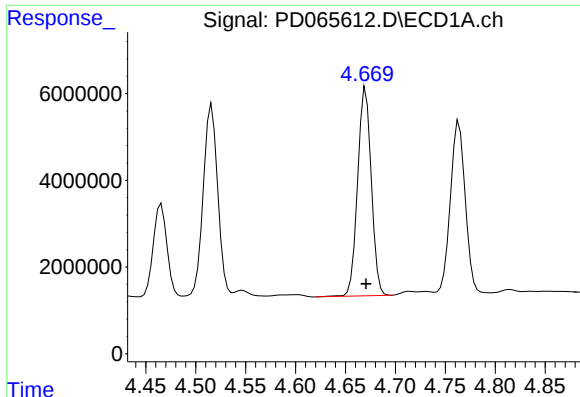
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 20278029
Conc: 25.22 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 107808087
Conc: 23.16 ng/ml m



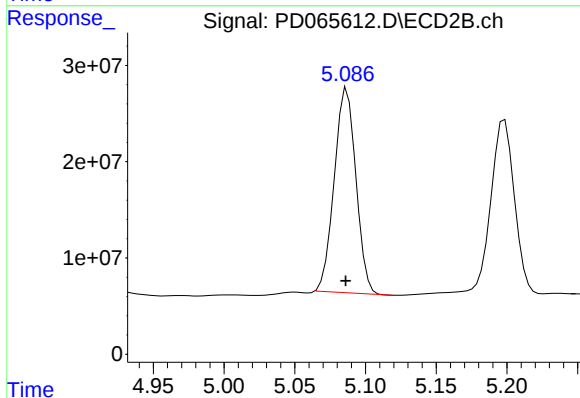
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 45595172
Conc: 30.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

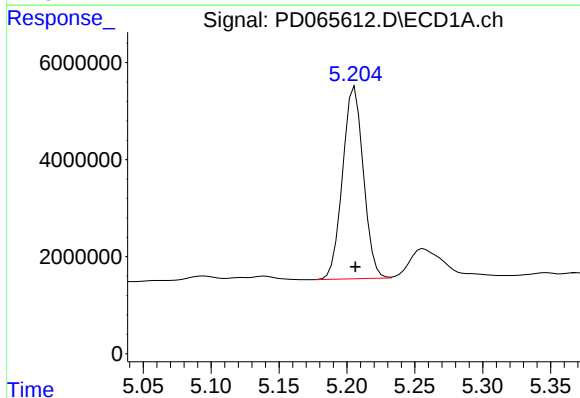
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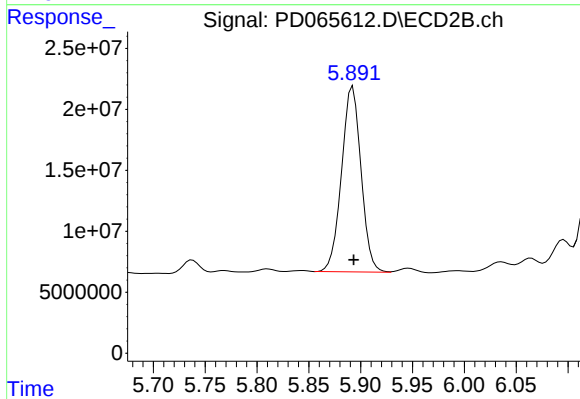
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 225912791
Conc: 24.30 ng/ml



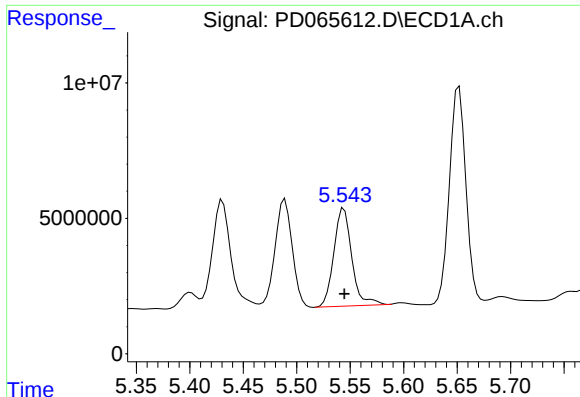
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 42163786
Conc: 28.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 199136515
Conc: 27.65 ng/ml



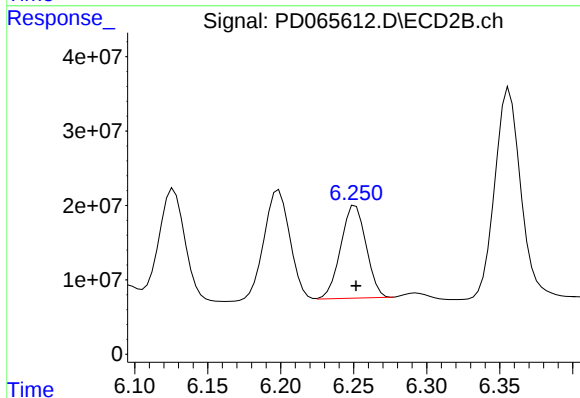
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 41919630
Conc: 29.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

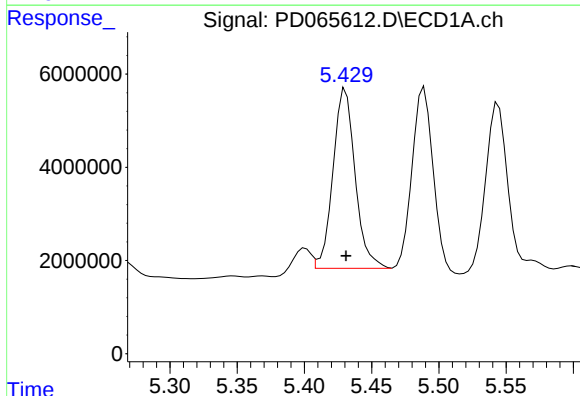
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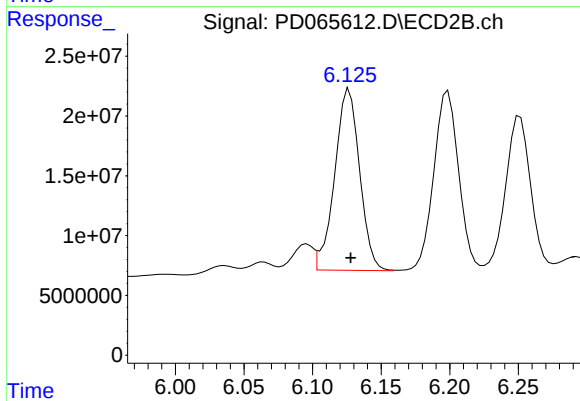
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 150550455
Conc: 21.38 ng/ml



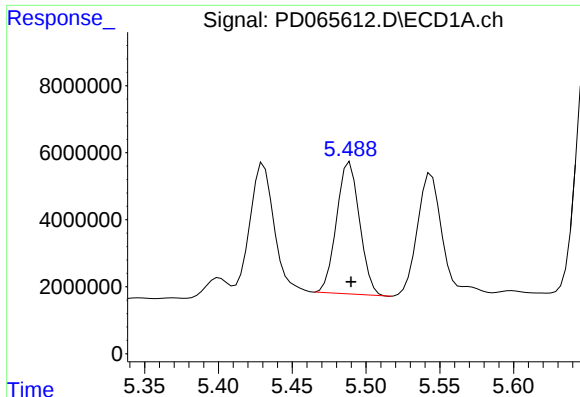
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 43905739
Conc: 28.75 ng/ml m



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.002 min
Response: 191172871
Conc: 25.46 ng/ml m



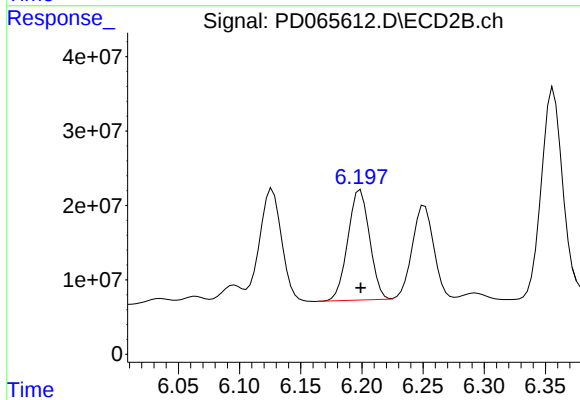
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 42870440
Conc: 28.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

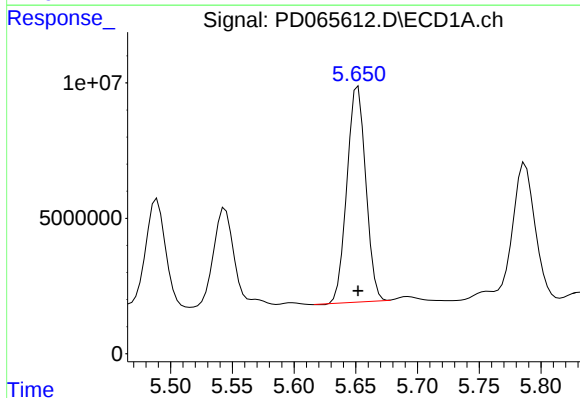
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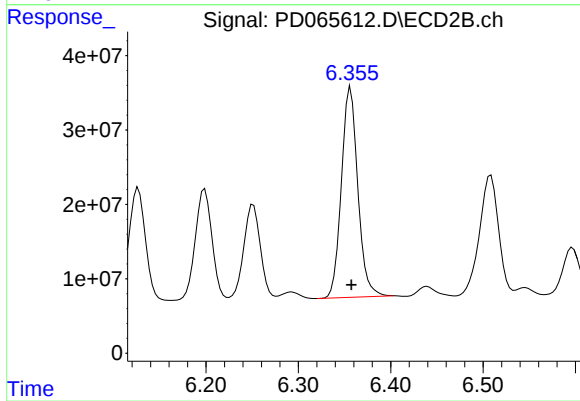
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 183136279
Conc: 24.87 ng/ml



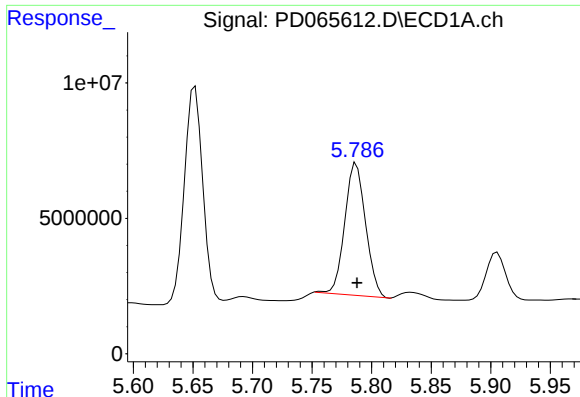
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 84464848
Conc: 59.24 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 349332530
Conc: 48.35 ng/ml



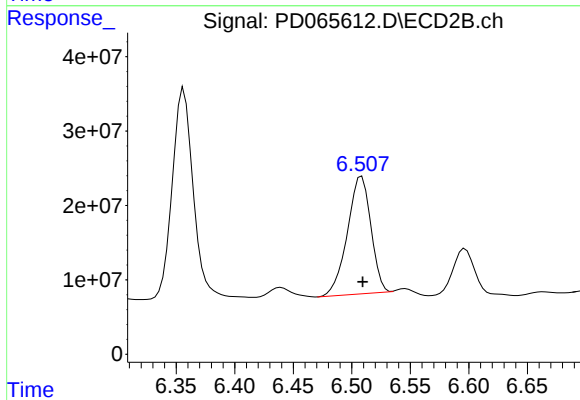
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 59513988
Conc: 38.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

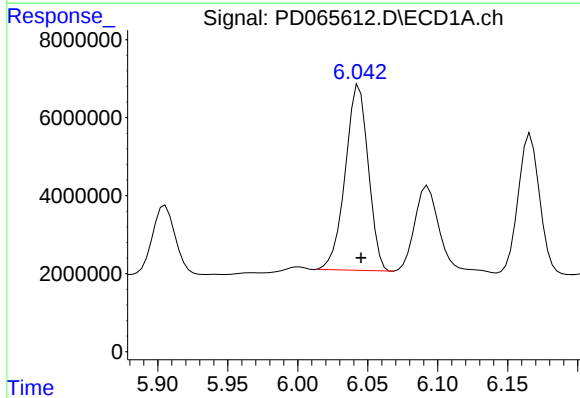
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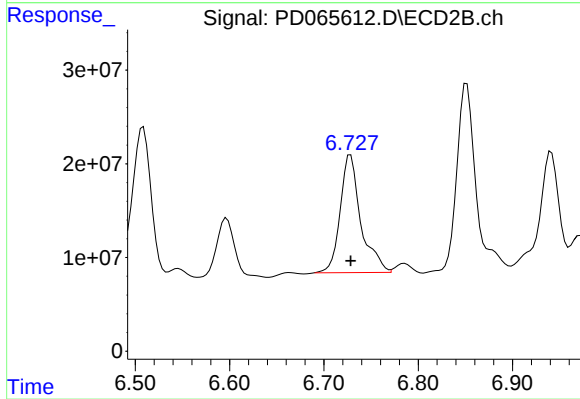
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 220487538
Conc: 29.23 ng/ml



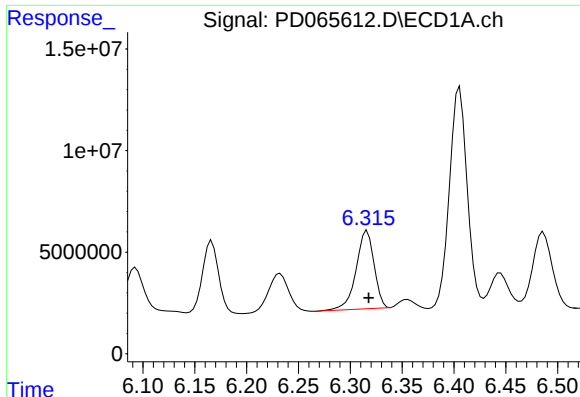
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 54360536
Conc: 39.54 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 191662812
Conc: 32.13 ng/ml



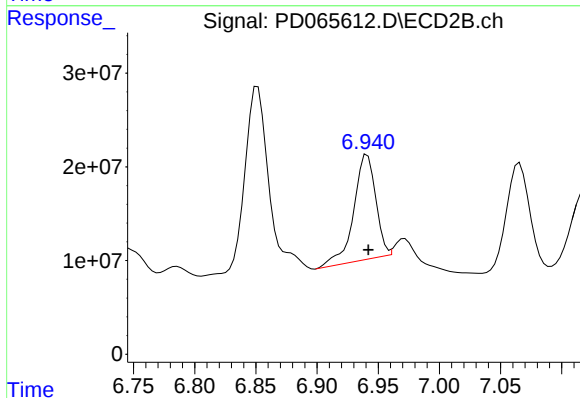
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 46287400
Conc: 32.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

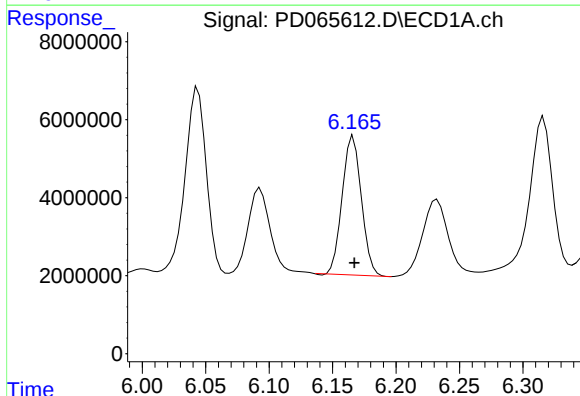
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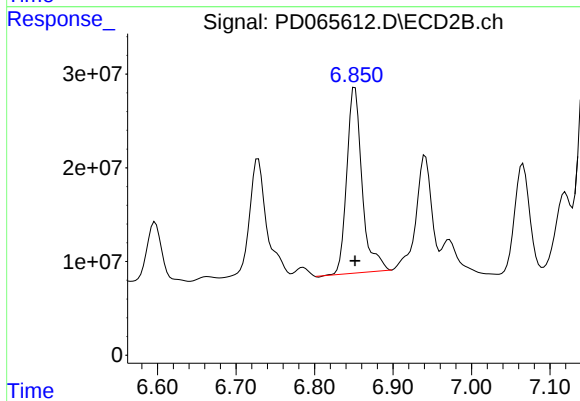
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 139904045
Conc: 21.82 ng/ml



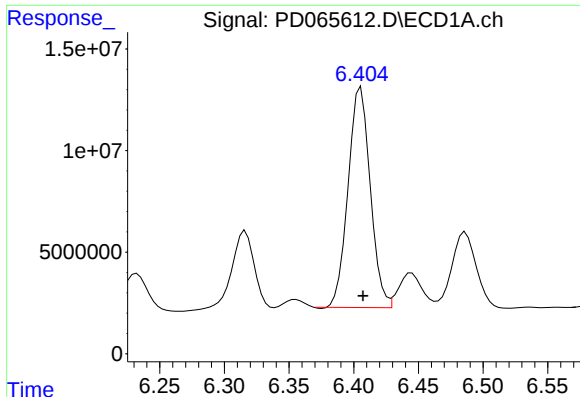
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 37477709
Conc: 29.40 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 268869368
Conc: 43.07 ng/ml



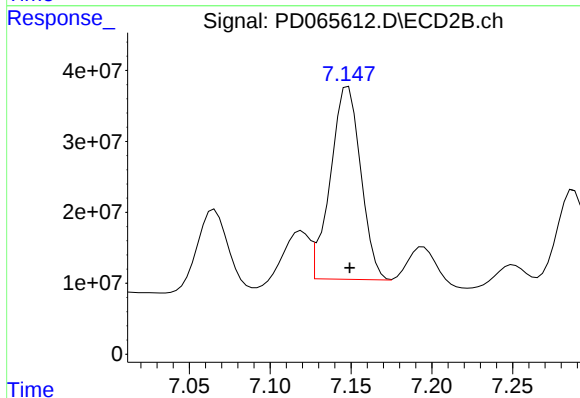
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 128981952
Conc: 93.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

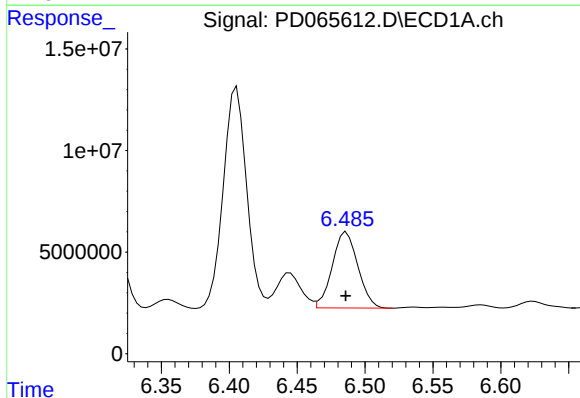
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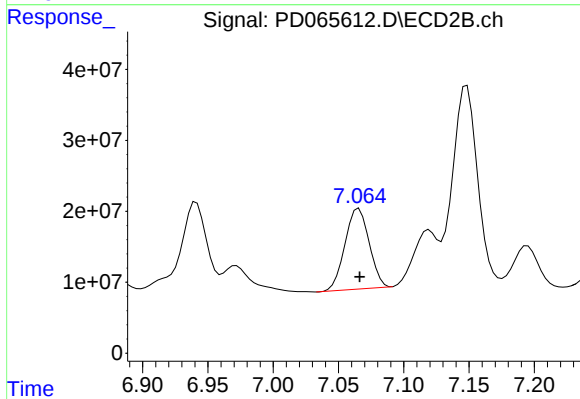
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: -0.002 min
Response: 350947598
Conc: 57.61 ng/ml m



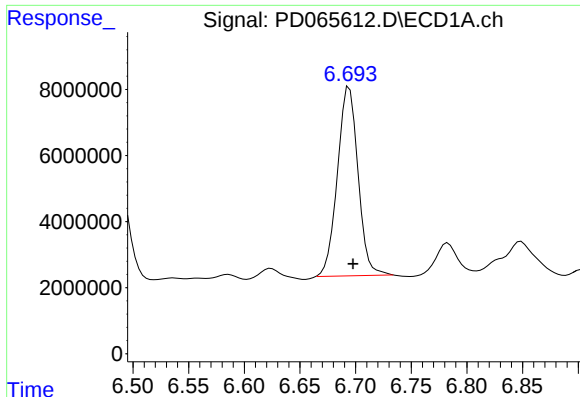
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 49143378
Conc: 38.96 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 146211110
Conc: 26.76 ng/ml



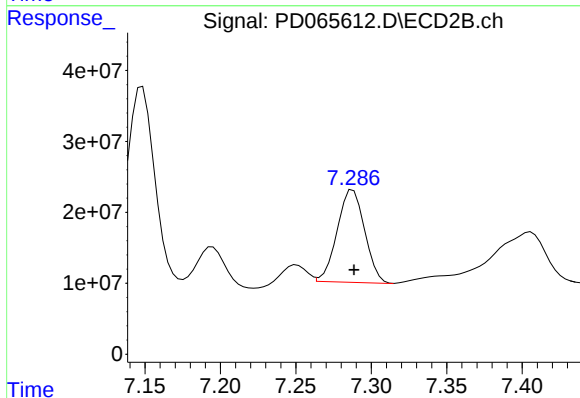
#19 Endosulfan Sulfate

R.T.: 6.694 min
Delta R.T.: -0.003 min
Response: 73814046
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

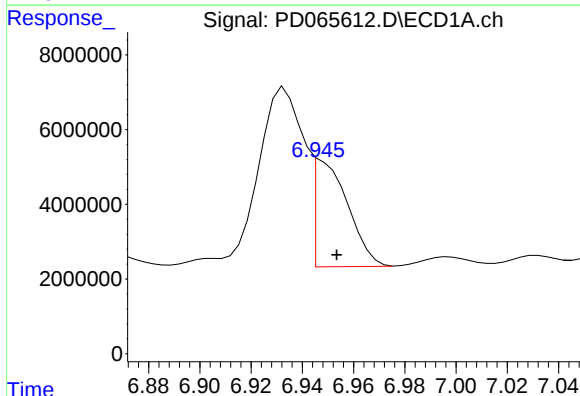
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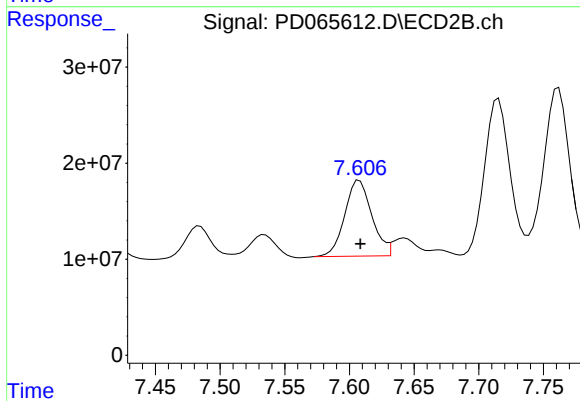
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 164931988
Conc: 25.80 ng/ml m



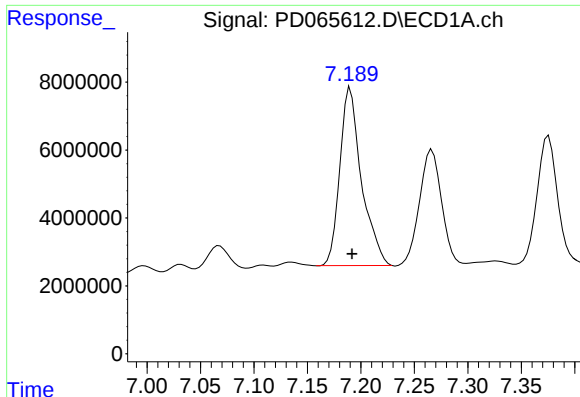
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: -0.008 min
Response: 24382396
Conc: 29.08 ng/ml m



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 115172466
Conc: 35.38 ng/ml



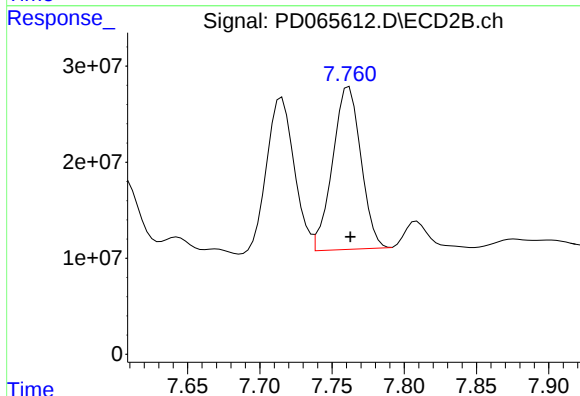
#21 Endrin ketone

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 73975582
Conc: 39.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

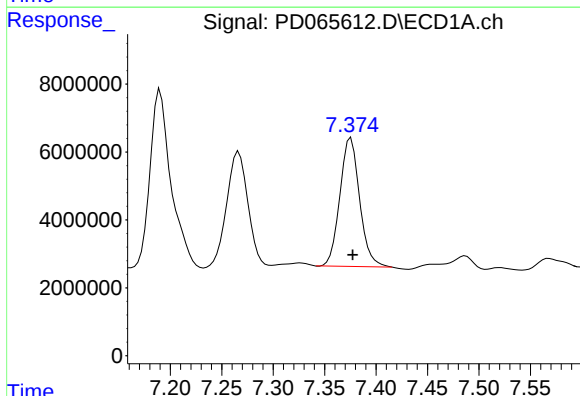
Manual Integrations
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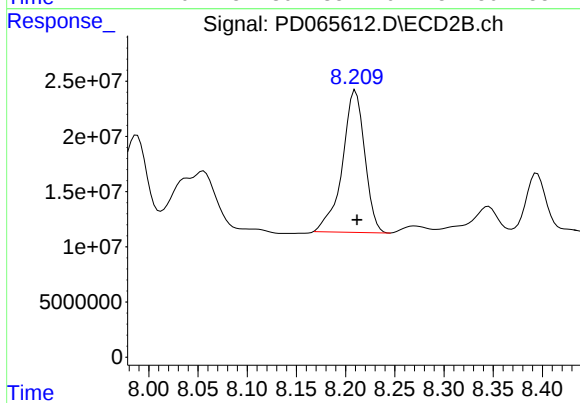
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 231181565
Conc: 30.56 ng/ml



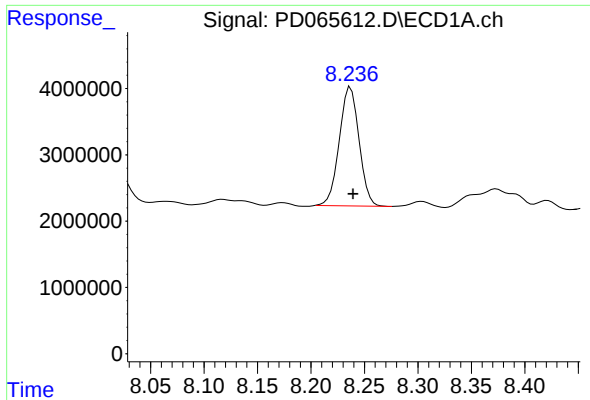
#22 Mirex

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 50493100
Conc: 32.21 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 203128964
Conc: 38.41 ng/ml



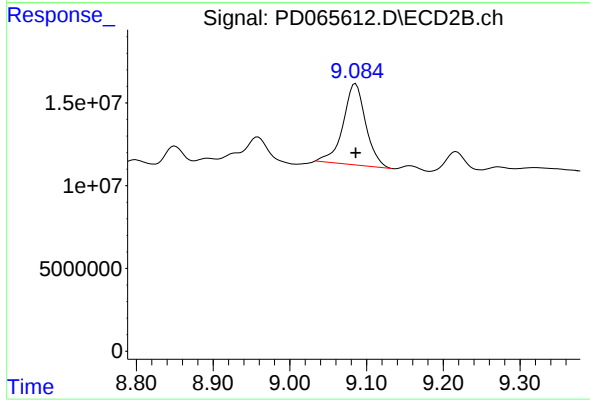
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 23101087
Conc: 13.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR-400027MSD

Manual Integrations
APPROVED

mohammad
9/8/2021 4:26:19 PM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 100231580
Conc: 18.78 ng/ml