

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
 Data File : PD065646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2021 16:51
 Operator : AR\AJ
 Sample : M3655-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CON-GROWSMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 01:38:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 15:08:21 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...	3.494	4.013	19371447	163.3E6	19.766	22.283
28)	SA Decachlor...	8.238	9.086	31762566	109.5E6	18.423	20.526
Target Compounds							
2)	A alpha-BHC	3.934	4.408	68742159	542.1E6	47.715	51.244
3)	MA gamma-BHC...	4.217	4.694	66315452	501.1E6	45.943	50.850
4)	MA Heptachlor	4.515	5.198	78464619	448.9E6	51.699	49.367
5)	MB Aldrin	4.763	5.503	64306712	410.5E6	44.999	48.656
6)	B beta-BHC	4.465	4.870	32452228	225.1E6	44.414	48.363
7)	B delta-BHC	4.670	5.085	70643523	524.9E6	47.370	56.454m
8)	B Heptachlo...	5.205	5.893	65417982	341.4E6	44.850	47.407
9)	A Endosulfan I	5.544	6.251	63951389	336.0E6	45.116	47.708
10)	B gamma-Chl...	5.430	6.126	68554965	367.4E6	44.884	48.929
11)	B alpha-Chl...	5.489	6.198	67773924	354.1E6	45.022	48.085
12)	B 4,4'-DDE	5.651	6.357	64516869	356.9E6	45.246	49.401
13)	MA Dieldrin	5.787	6.509	71701368	372.4E6	46.335	49.367
14)	MA Endrin	6.044	6.728	63969611	319.0E6	46.524	53.477
15)	B Endosulfa...	6.316	6.941	63010366	310.4E6	43.871	48.424
16)	A 4,4'-DDD	6.166	6.851	57016889	300.5E6	44.724	48.144
17)	MA 4,4'-DDT	6.406	7.149	62132029	300.4E6	45.141	49.320
18)	B Endrin al...	6.485	7.066	55994898	273.4E6	44.394	50.043
19)	B Endosulfa...	6.697	7.289	68367811	315.7E6	44.247	49.385
20)	A Methoxychlor	6.953	7.609	37103583	157.8E6	44.249	48.475
21)	B Endrin ke...	7.191	7.763	79486229	359.4E6	42.749	47.504
22)	Mirex	7.376	8.211	62484853	233.7E6	39.857	44.192

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
Data File : PD065646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2021 16:51
Operator : AR\AJ
Sample : M3655-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

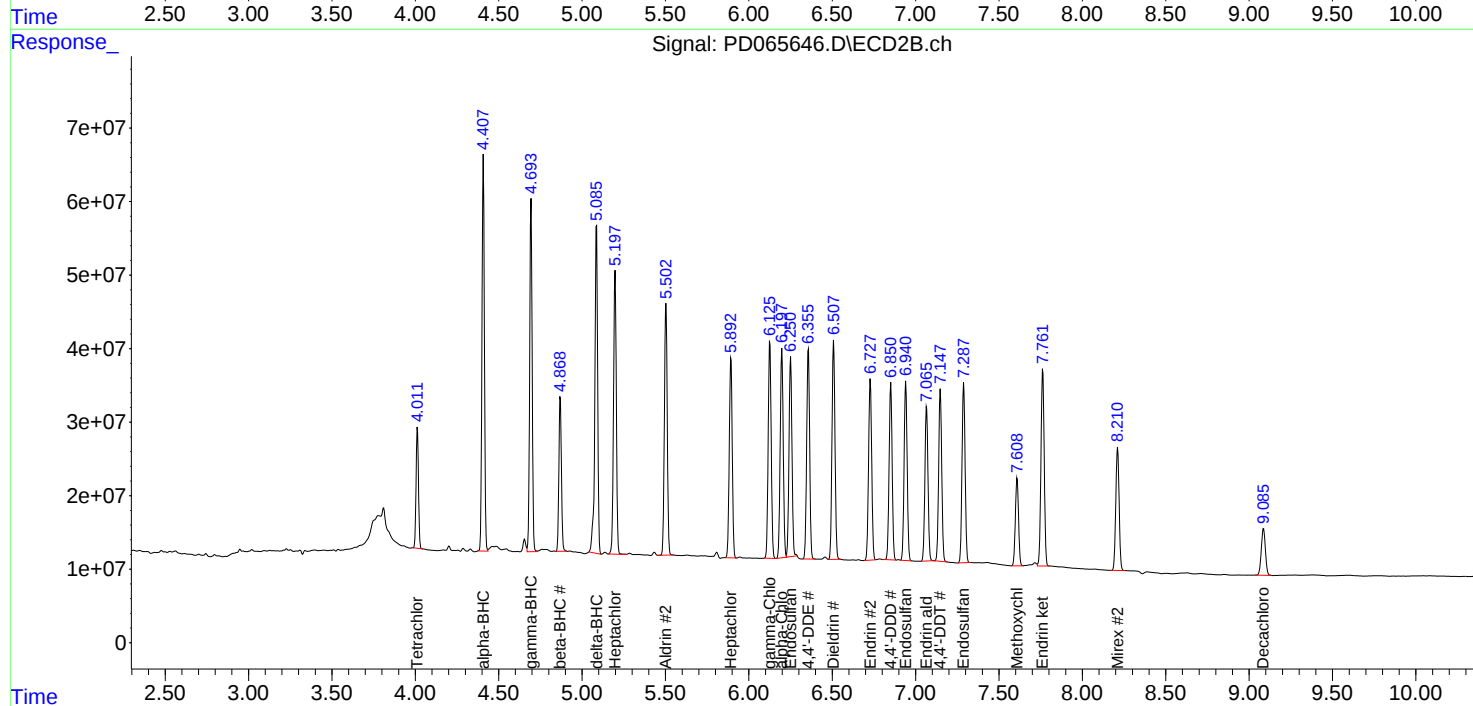
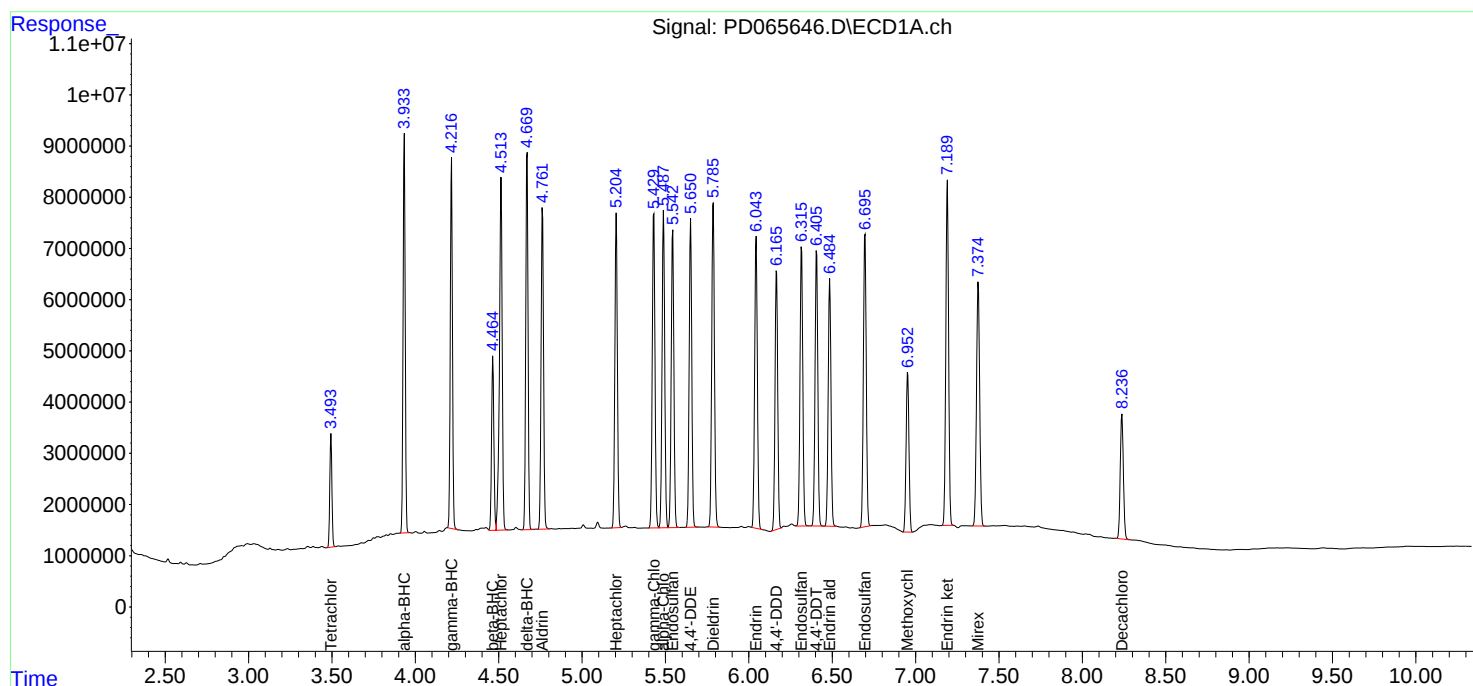
Instrument :
ECD_D
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CON-GROWSMSD

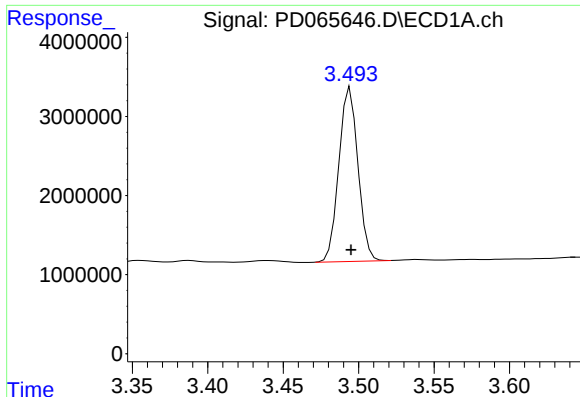
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 01:38:40 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





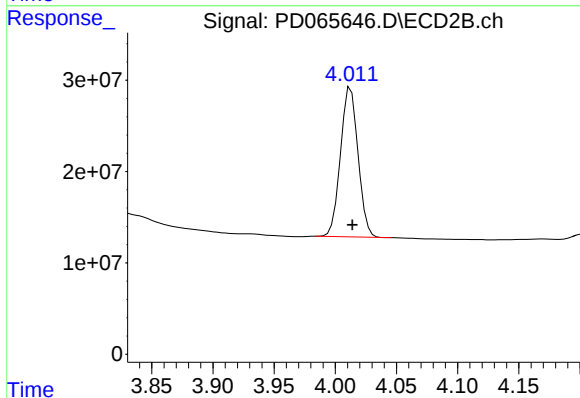
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 19371447
Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

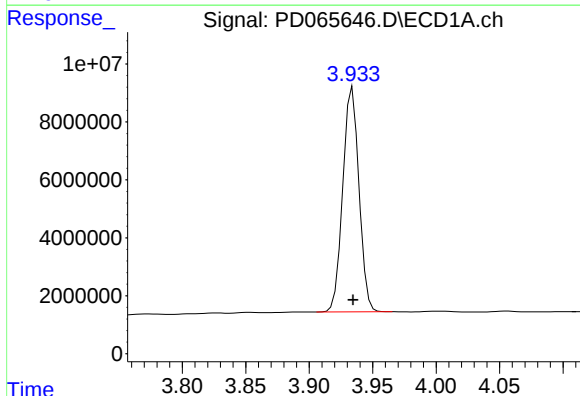
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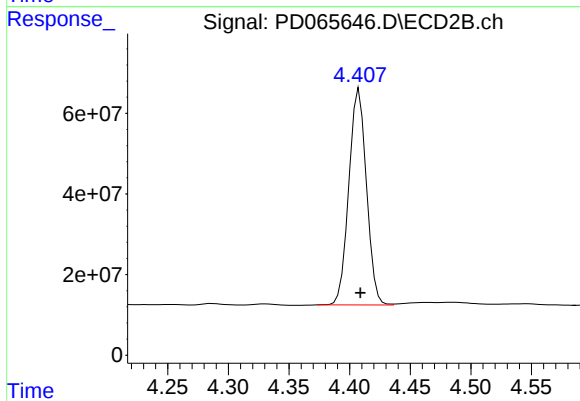
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 163319518
Conc: 22.28 ng/ml



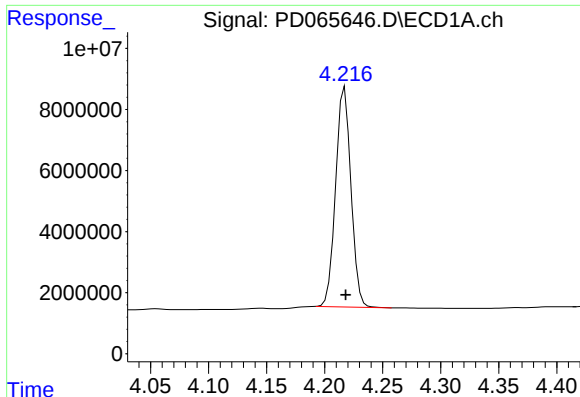
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 68742159
Conc: 47.71 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 542084730
Conc: 51.24 ng/ml



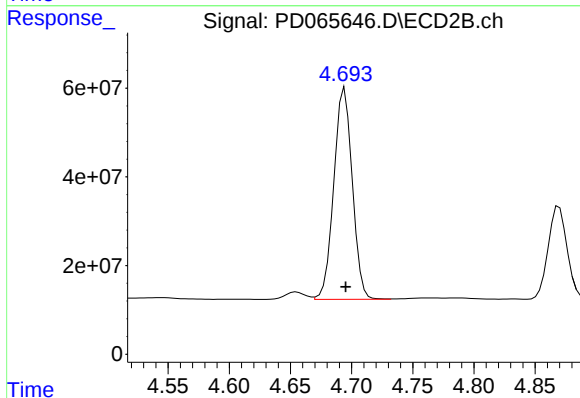
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 66315452
Conc: 45.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
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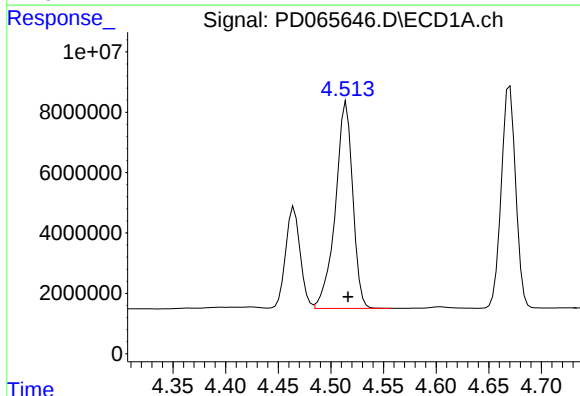
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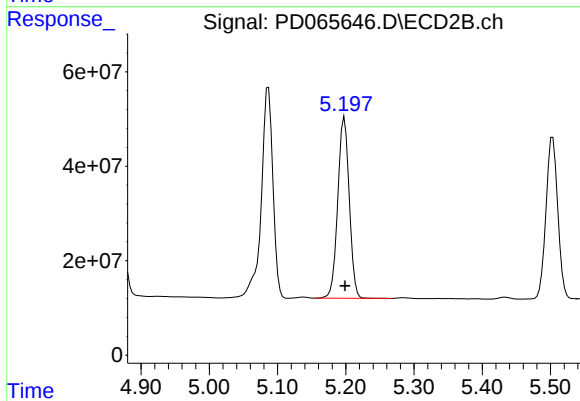
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 501081836
Conc: 50.85 ng/ml



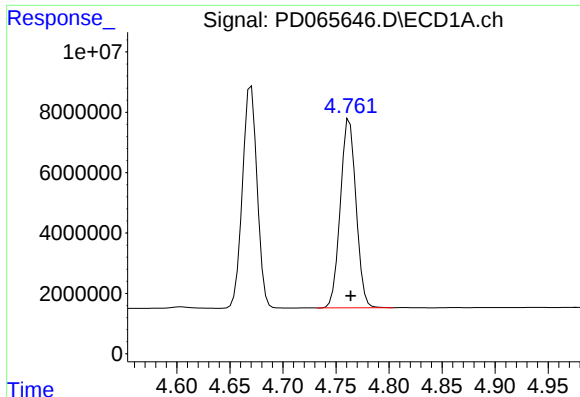
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 78464619
Conc: 51.70 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 448869058
Conc: 49.37 ng/ml



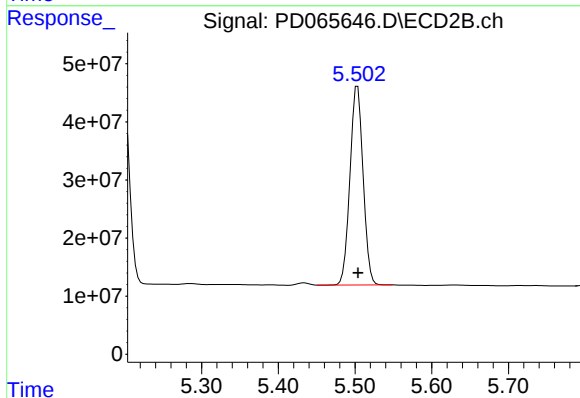
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 64306712
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

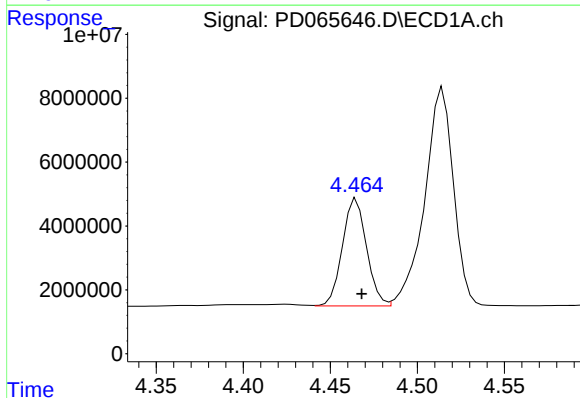
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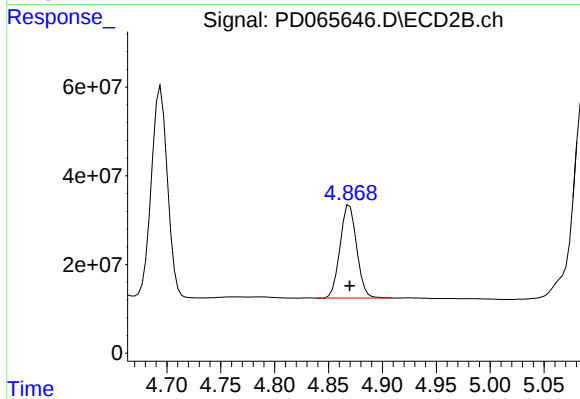
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 410501545
Conc: 48.66 ng/ml



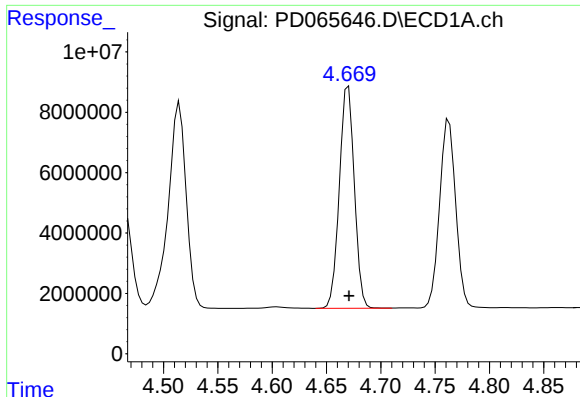
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 32452228
Conc: 44.41 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 225146456
Conc: 48.36 ng/ml



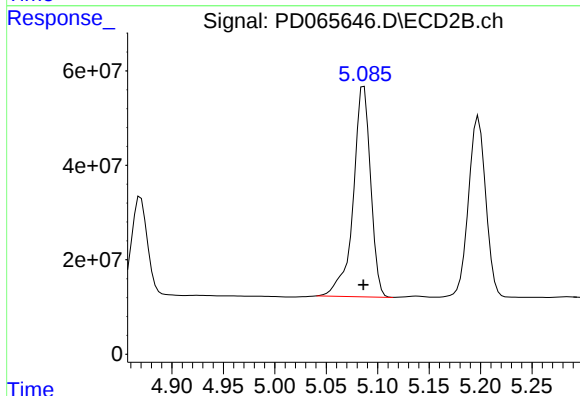
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 70643523
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

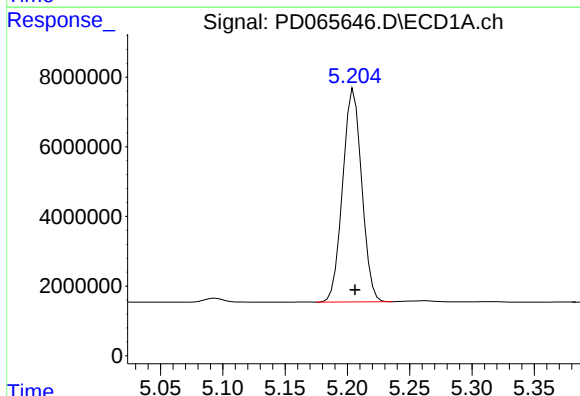
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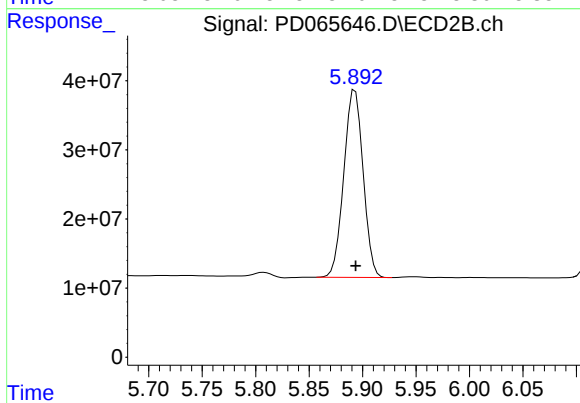
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 524909076
Conc: 56.45 ng/ml m



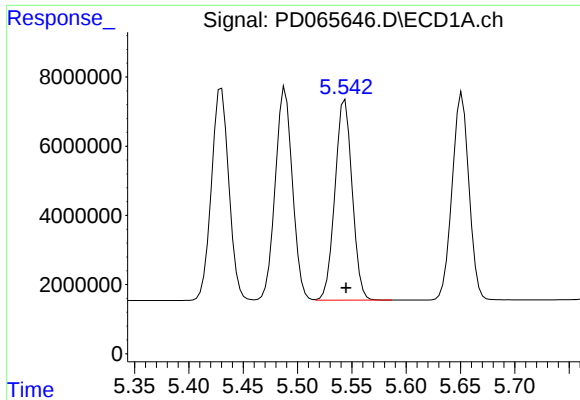
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 65417982
Conc: 44.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 341436932
Conc: 47.41 ng/ml



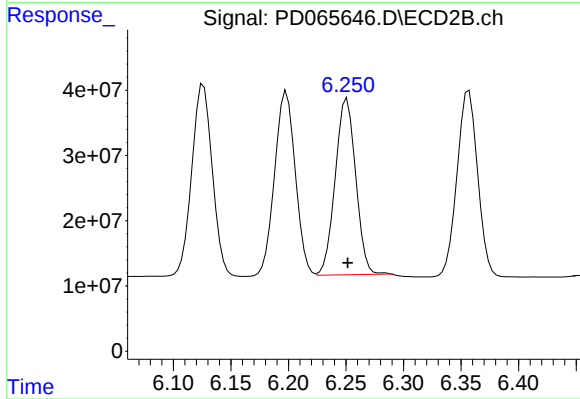
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 63951389
Conc: 45.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

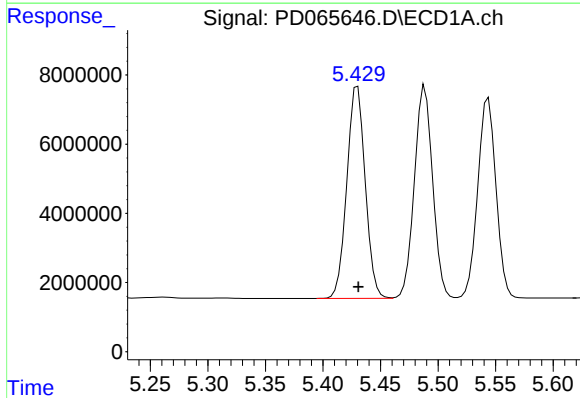
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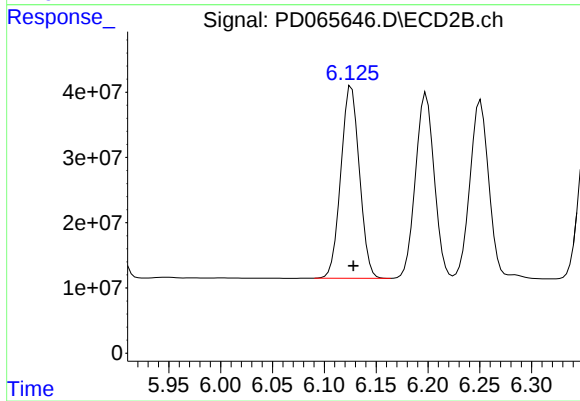
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 336004792
Conc: 47.71 ng/ml



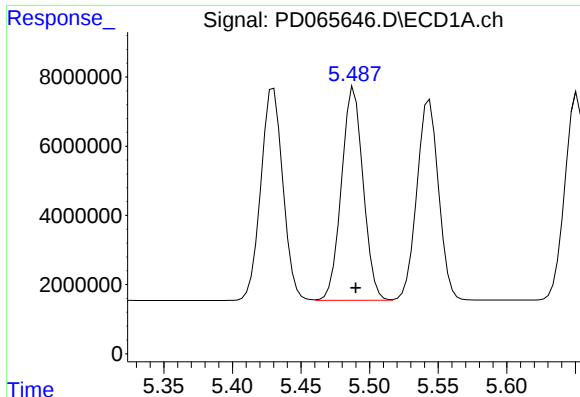
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 68554965
Conc: 44.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 367421164
Conc: 48.93 ng/ml



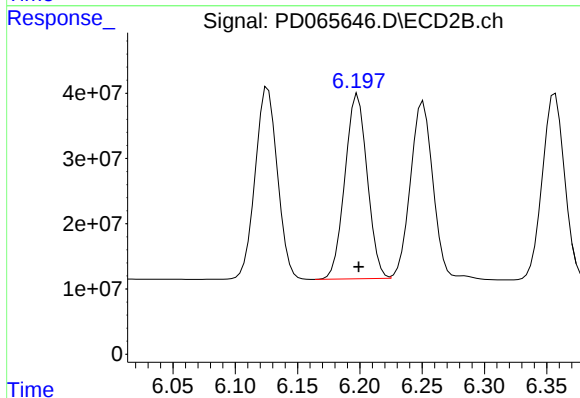
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 67773924
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

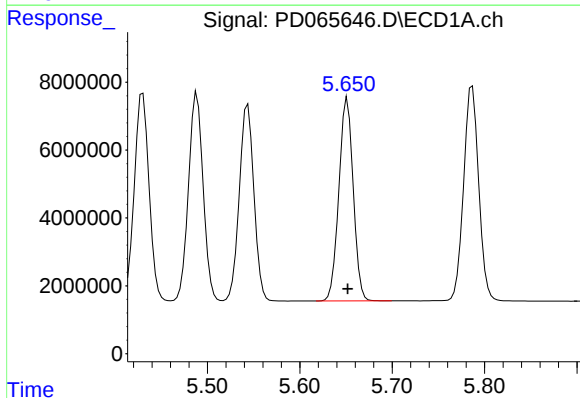
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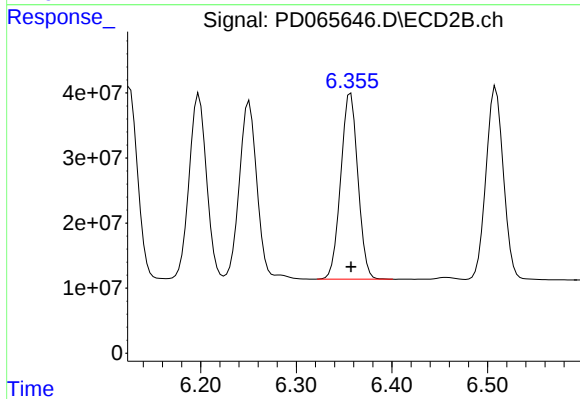
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 354141933
Conc: 48.08 ng/ml



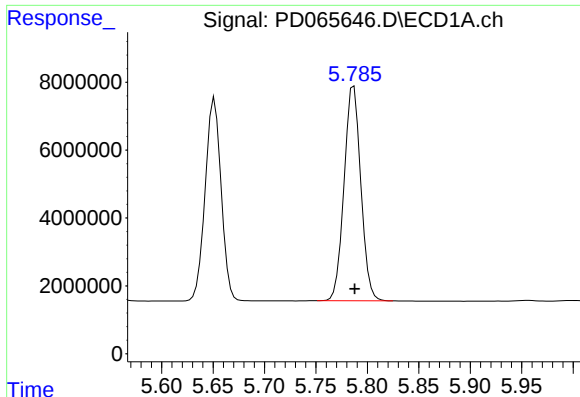
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 64516869
Conc: 45.25 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 356914150
Conc: 49.40 ng/ml



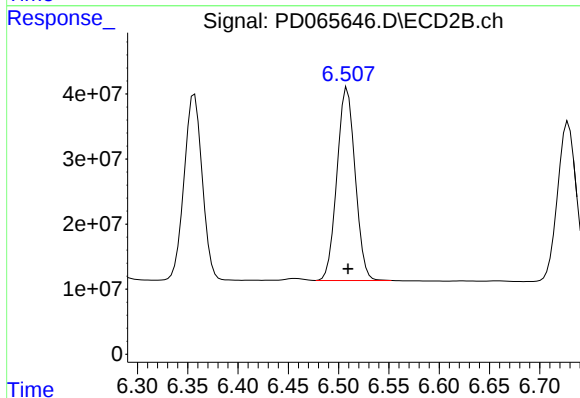
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 71701368
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

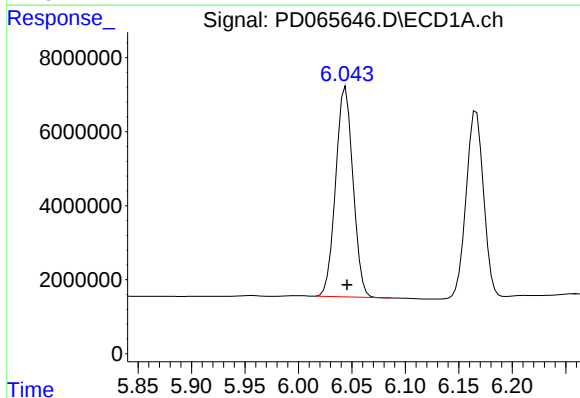
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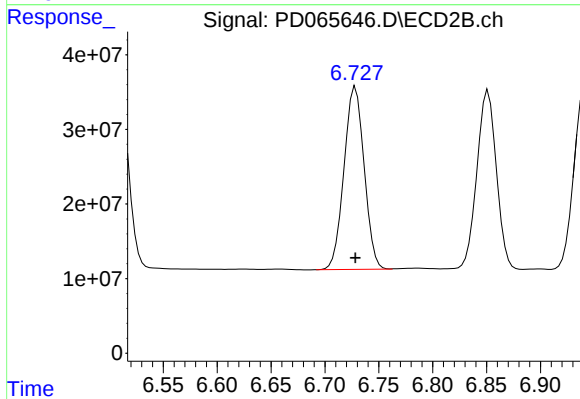
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 372444881
Conc: 49.37 ng/ml



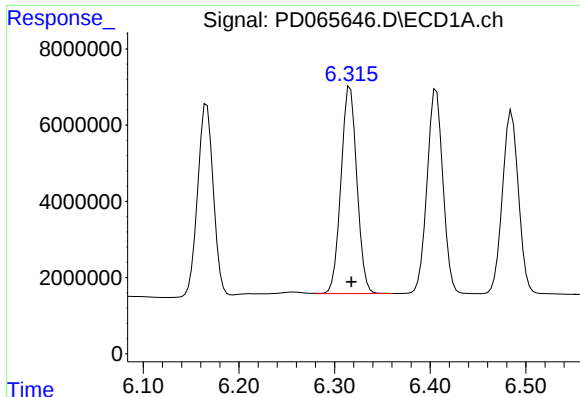
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 63969611
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 319008974
Conc: 53.48 ng/ml



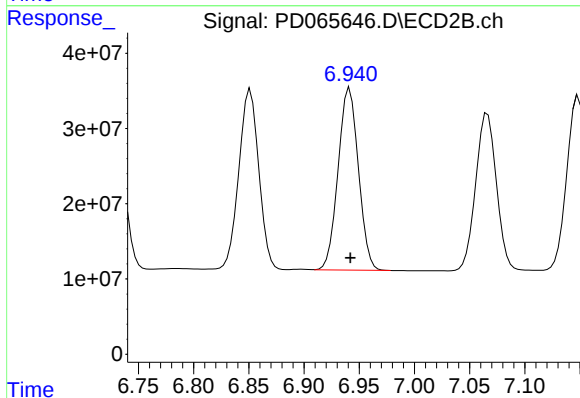
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 63010366
Conc: 43.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

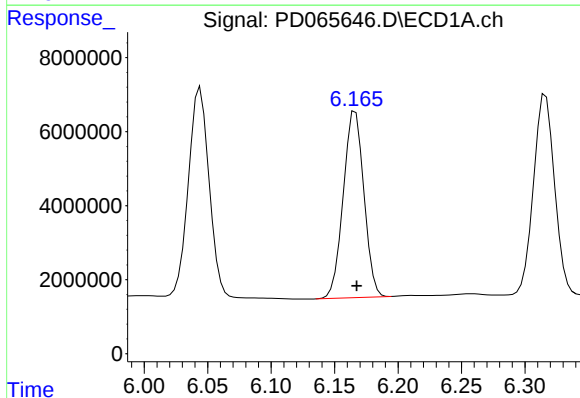
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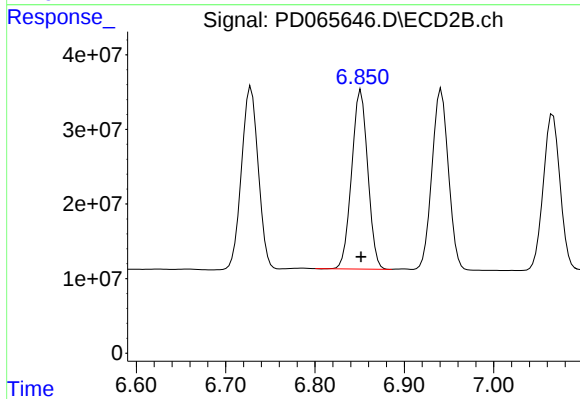
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 310441228
Conc: 48.42 ng/ml



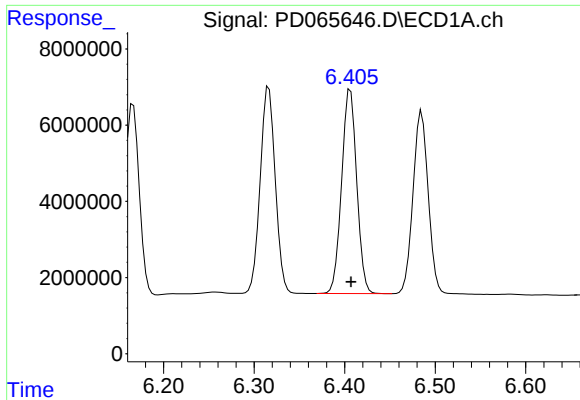
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 57016889
Conc: 44.72 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 300534219
Conc: 48.14 ng/ml



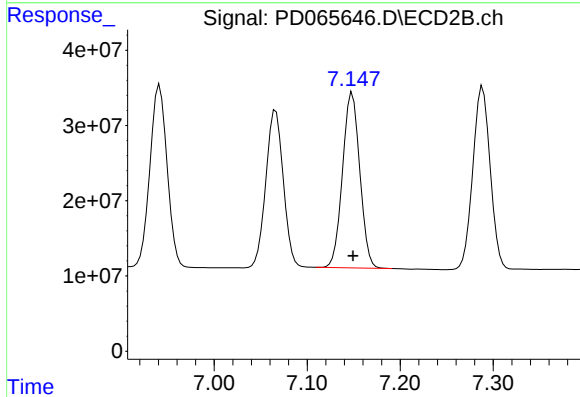
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 62132029
Conc: 45.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

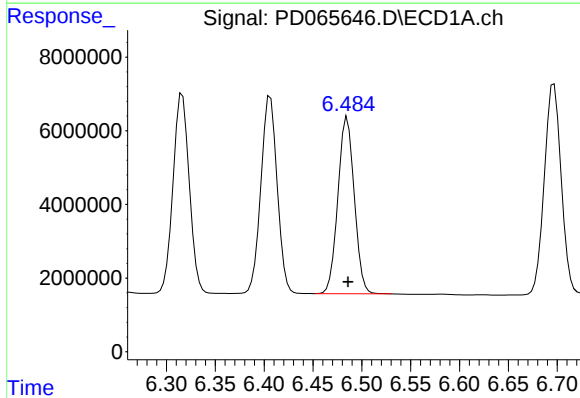
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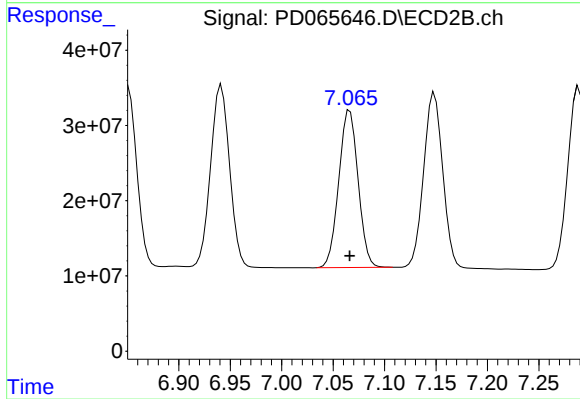
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 300422769
Conc: 49.32 ng/ml



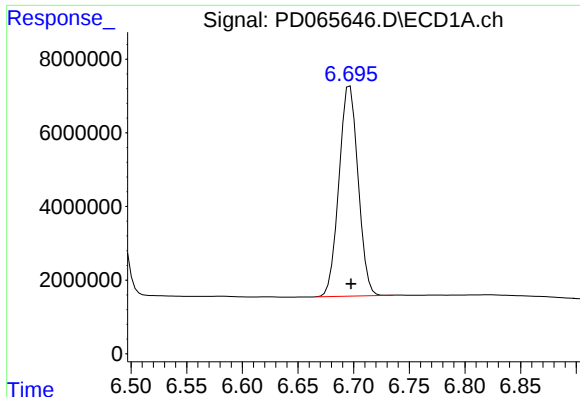
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 55994898
Conc: 44.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 273409369
Conc: 50.04 ng/ml



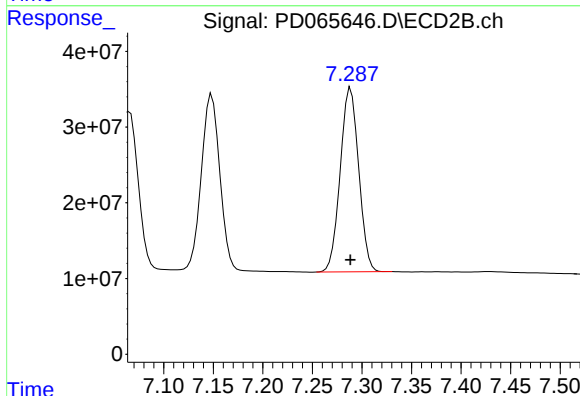
#19 Endosulfan Sulfate

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 68367811
Conc: 44.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

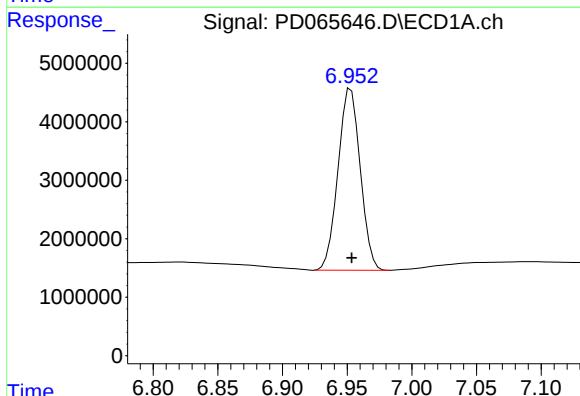
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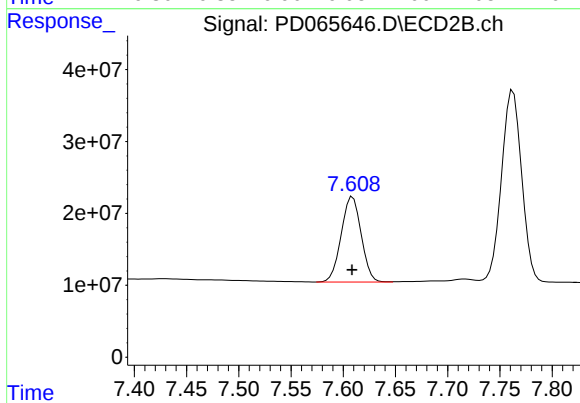
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 315699005
Conc: 49.38 ng/ml



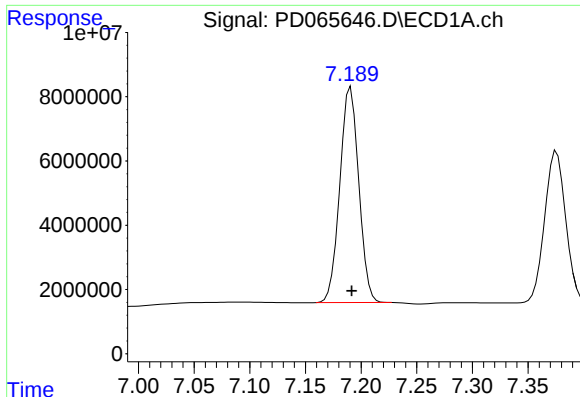
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 37103583
Conc: 44.25 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 157788502
Conc: 48.48 ng/ml



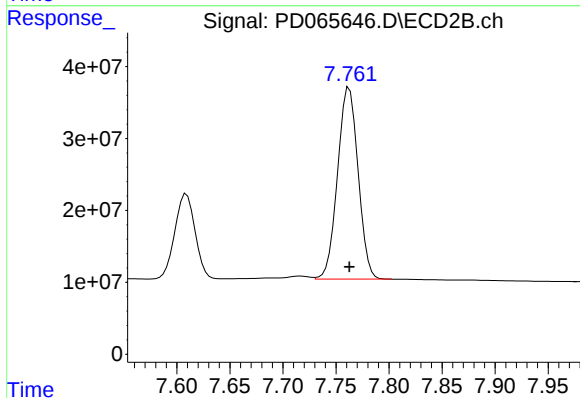
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 79486229
Conc: 42.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
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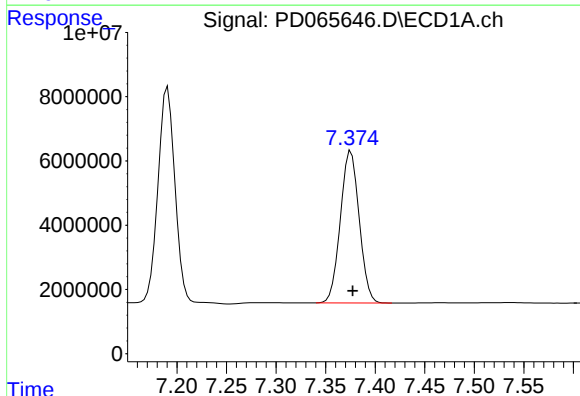
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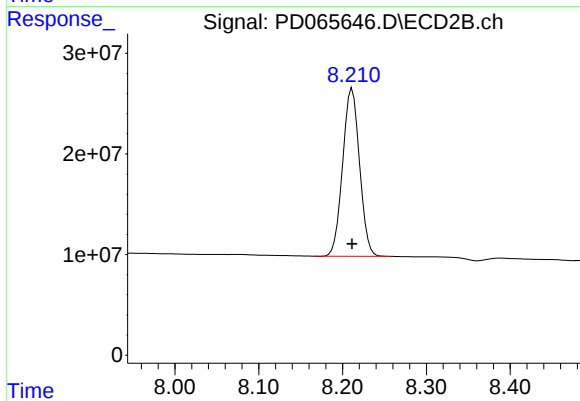
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 359377022
Conc: 47.50 ng/ml



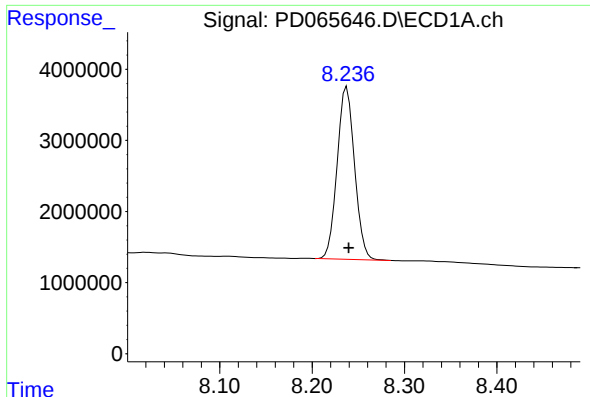
#22 Mirex

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 62484853
Conc: 39.86 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 233733518
Conc: 44.19 ng/ml



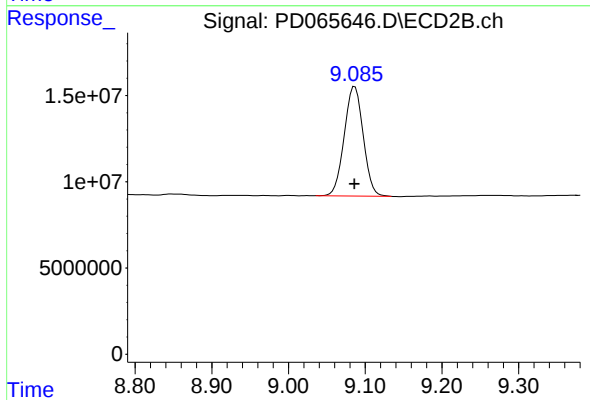
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.002 min
Response: 31762566
Conc: 18.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMSD

Manual Integrations
APPROVED

mohammad
9/10/2021 10:55:45 AM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 109526264
Conc: 20.53 ng/ml