

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
 Data File : PD065695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2021 17:58
 Operator : AR\AJ
 Sample : M3707-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-02-091021MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:18:56 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...	3.495	4.013	16290768	126.8E6	16.623	17.300
28)	SA Decachlor...	8.238	9.084	20525908	62771090	11.905	11.764m
Target Compounds							
2)	A alpha-BHC	3.934	4.408	59463638	419.4E6	41.275	39.645
3)	MA gamma-BHC...	4.218	4.694	65111183	463.2E6	45.109	47.003
4)	MA Heptachlor	4.515	5.198	55469596	335.6E6	36.548	36.907
5)	MB Aldrin	4.763	5.503	53587658	318.4E6	37.498	37.738
6)	B beta-BHC	4.465	4.870	28896542	133.7E6	38.808	28.729m#
7)	B delta-BHC	4.670	5.087	58762588	374.0E6	39.403	40.222
8)	B Heptachlo...	5.205	5.893	52574886	219.6E6	36.045	30.484
9)	A Endosulfan I	5.543	6.251	37703926	218.7E6	26.599	31.048
10)	B gamma-Chl...	5.430	6.125	54721987	289.7E6	35.828	38.577m
11)	B alpha-Chl...	5.488	6.199	52837196	248.4E6	35.100	33.729
12)	B 4,4'-DDE	5.650	6.356	46601521	235.4E6	32.682	32.576
13)	MA Dieldrin	5.785	6.509	66996830	213.8E6	43.295m	28.343 #
14)	MA Endrin	6.044	6.728	53107546	173.5E6	38.624	29.087
15)	B Endosulfa...	6.315	6.941	48509613	208.1E6	33.775m	32.455
16)	A 4,4'-DDD	6.165	6.849	40785528	213.2E6	31.992m	34.160m
17)	MA 4,4'-DDT	6.406	7.148	38471628	175.7E6	27.951	28.845
18)	B Endrin al...	6.485	7.065	36679963	162.4E6	29.081	29.730
19)	B Endosulfa...	6.697	7.288	46009449	186.0E6	29.777	29.099
20)	A Methoxychlor	6.952	7.608	23568502	99394094	28.107	30.536
21)	B Endrin ke...	7.190	7.761	48674552	225.3E6	26.178	29.784
22)	Mirex	7.375	8.211	42315594	128.6E6	26.992	24.323

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
Data File : PD065695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2021 17:58
Operator : AR\AJ
Sample : M3707-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

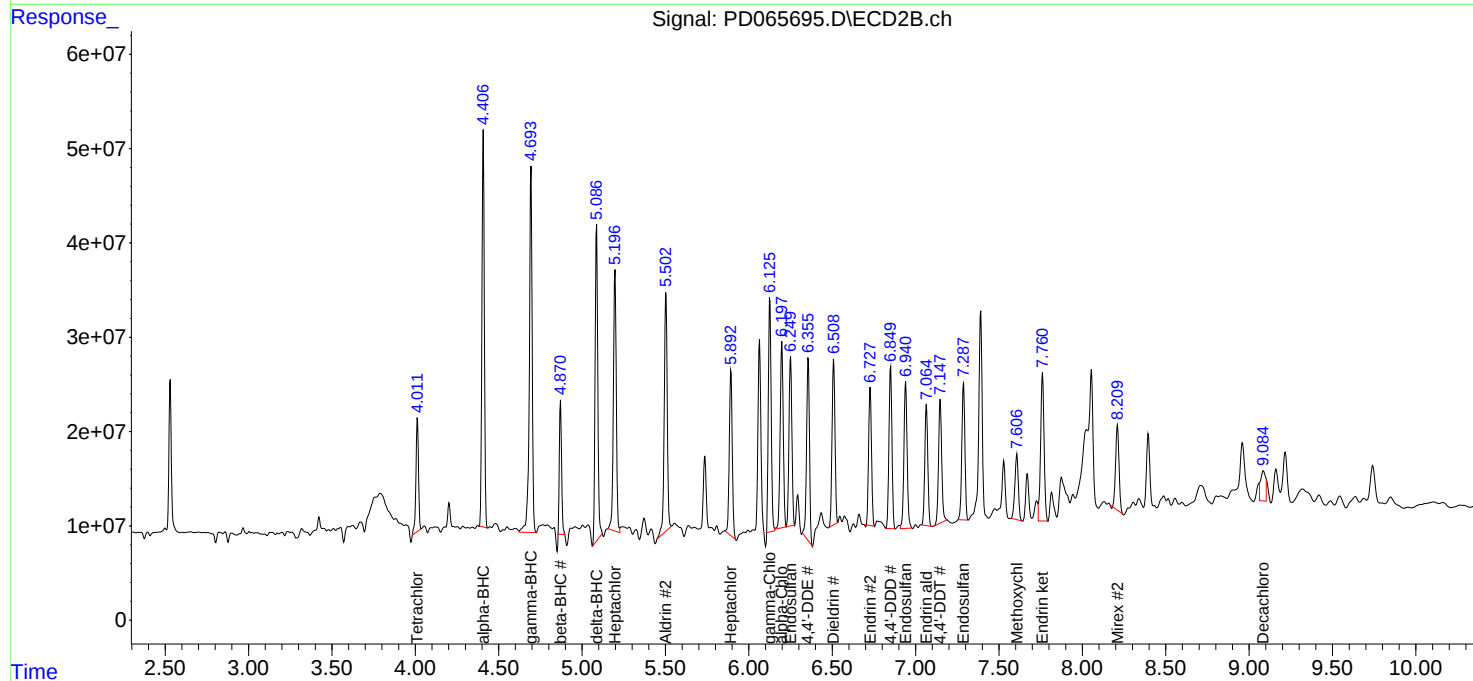
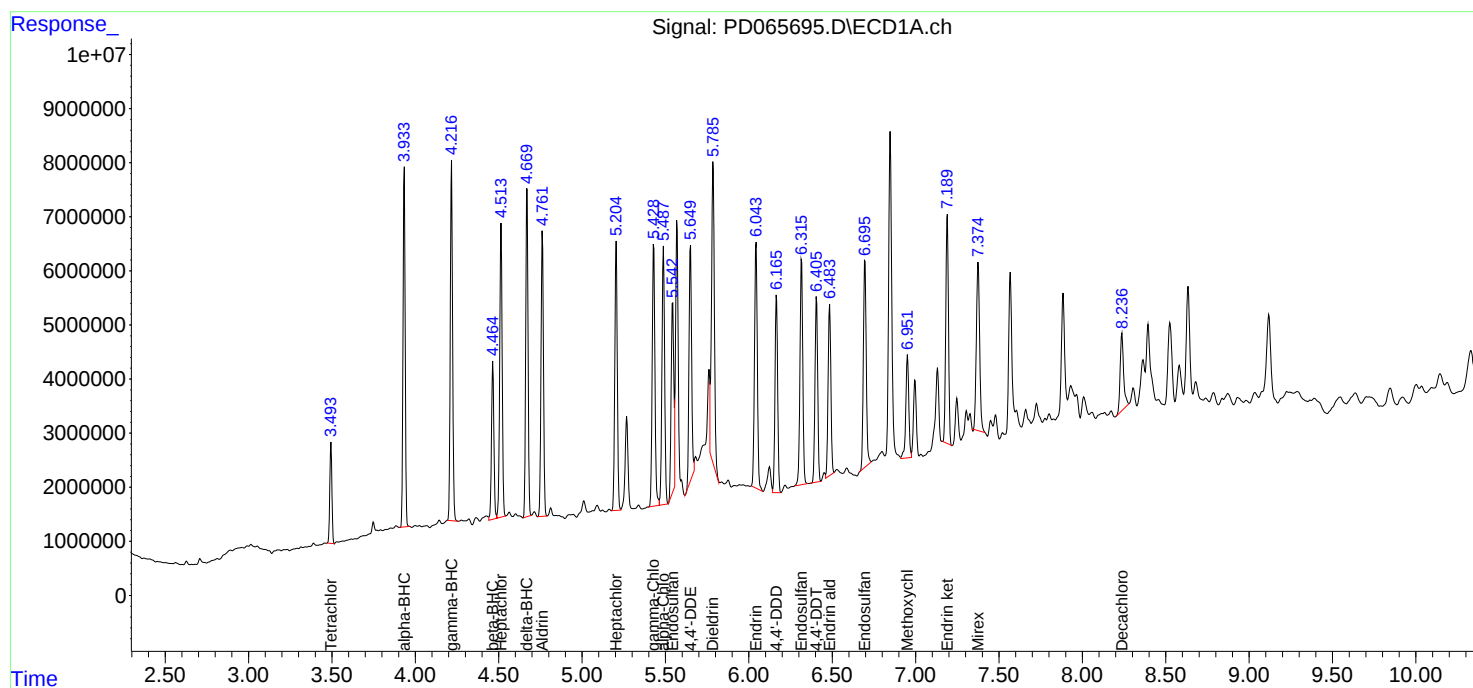
Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

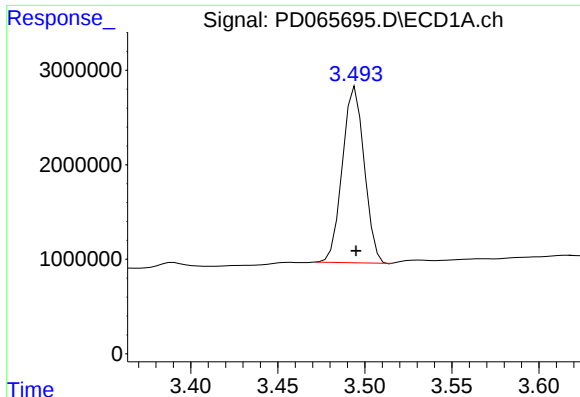
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 02:18:56 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 2021
Response 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





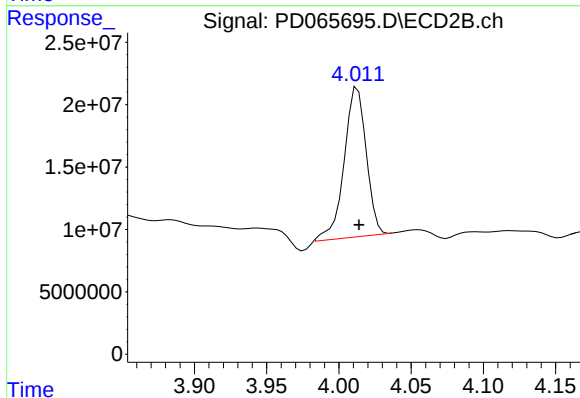
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 16290768
Conc: 16.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

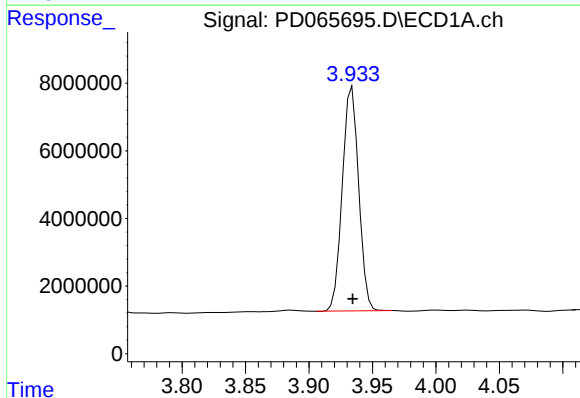
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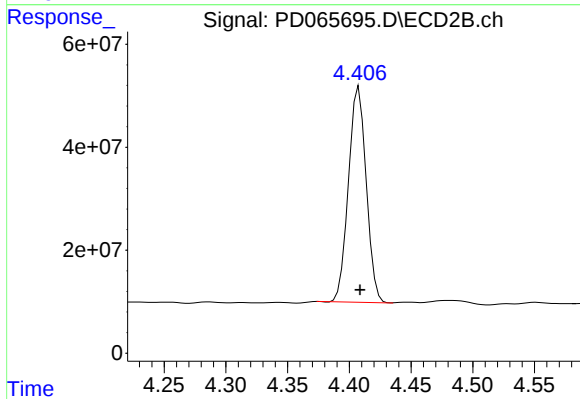
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 126798672
Conc: 17.30 ng/ml



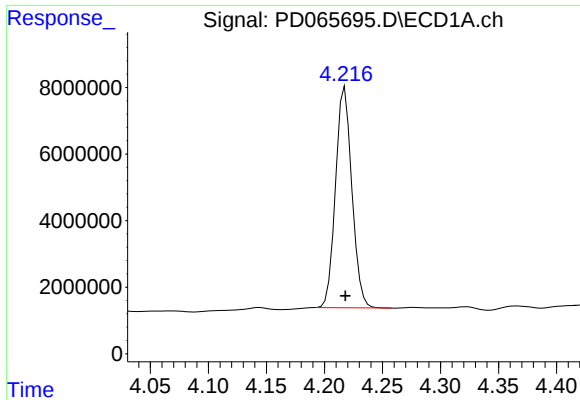
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 59463638
Conc: 41.27 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 419391783
Conc: 39.65 ng/ml



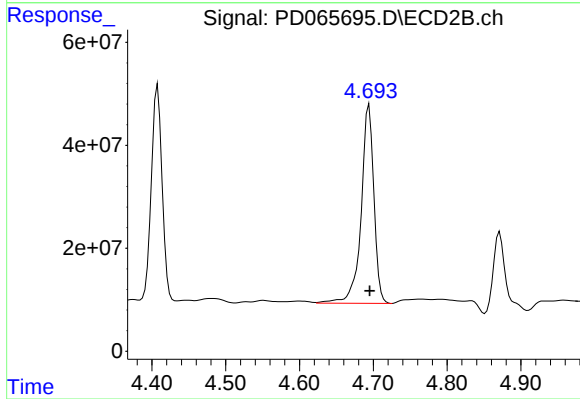
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 65111183
Conc: 45.11 ng/ml

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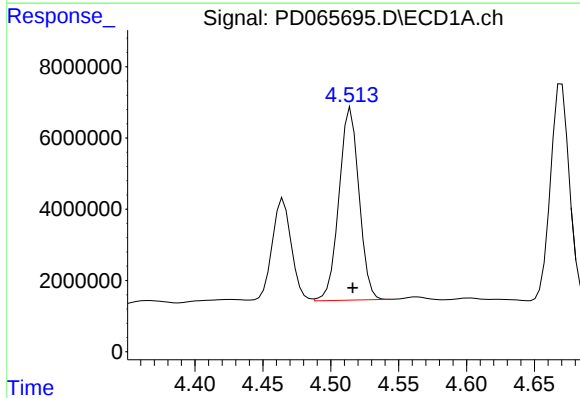
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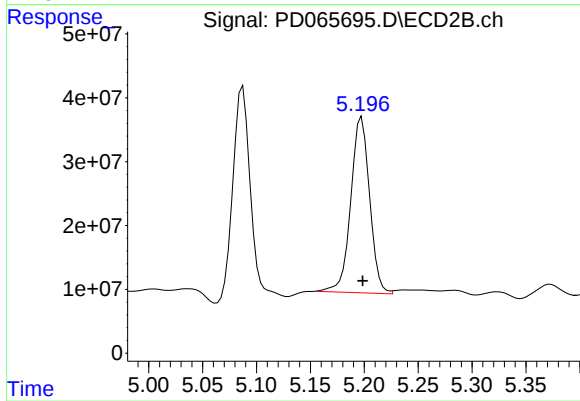
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 463169496
Conc: 47.00 ng/ml



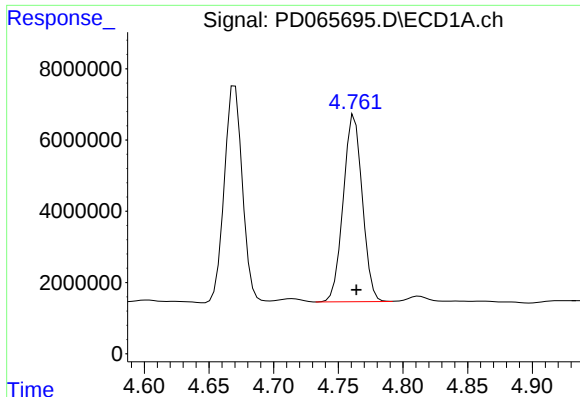
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 55469596
Conc: 36.55 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: -0.001 min
Response: 335574211
Conc: 36.91 ng/ml



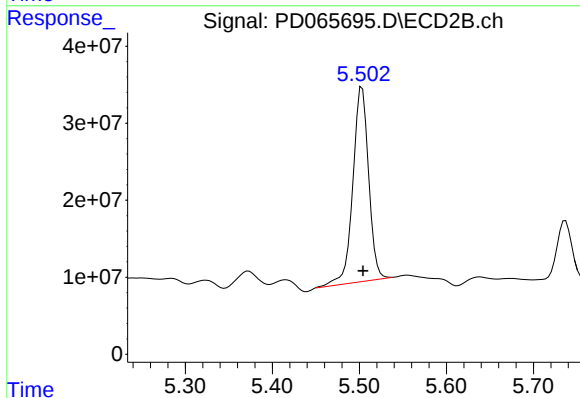
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 53587658
Conc: 37.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
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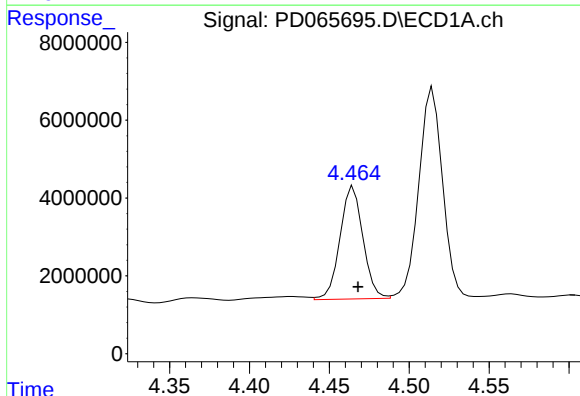
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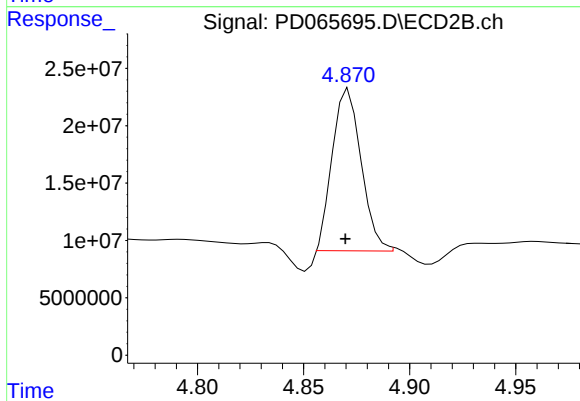
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 318387443
Conc: 37.74 ng/ml



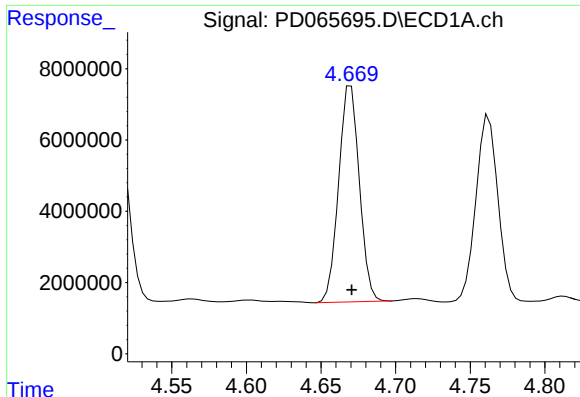
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 28896542
Conc: 38.81 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 133741238
Conc: 28.73 ng/ml m



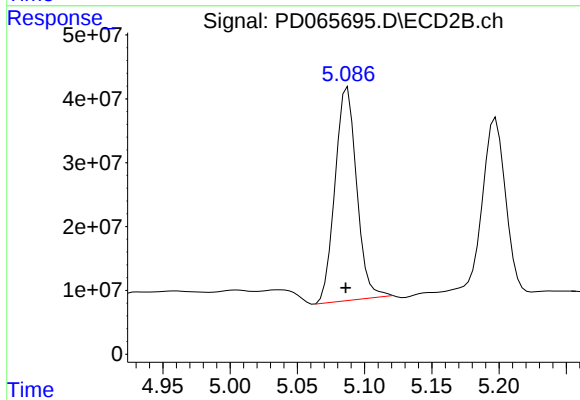
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 58762588
Conc: 39.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

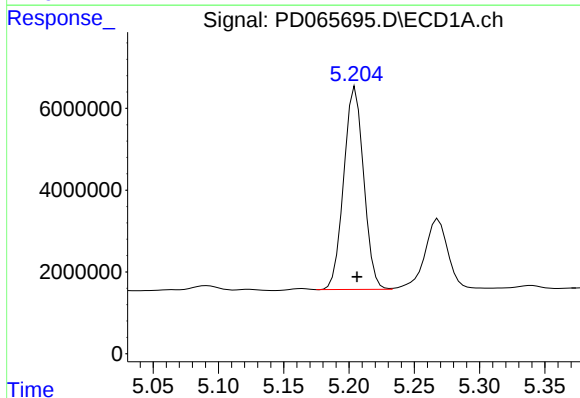
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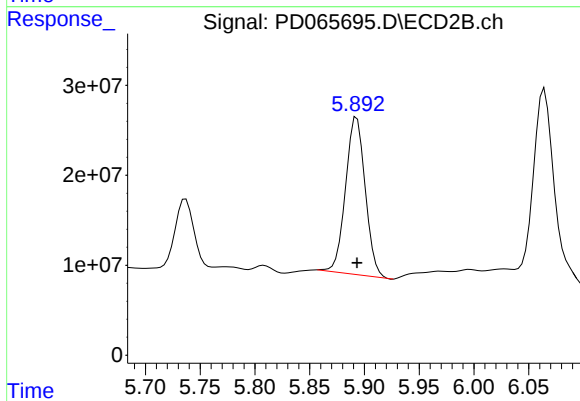
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 373987431
Conc: 40.22 ng/ml



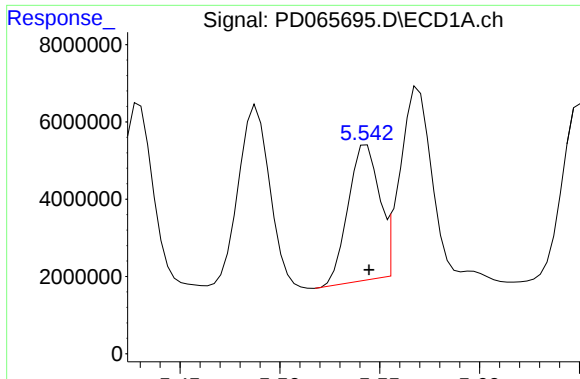
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 52574886
Conc: 36.04 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 219551661
Conc: 30.48 ng/ml



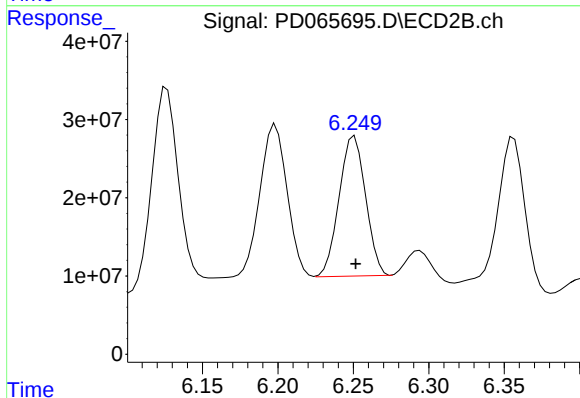
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 37703926
Conc: 26.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

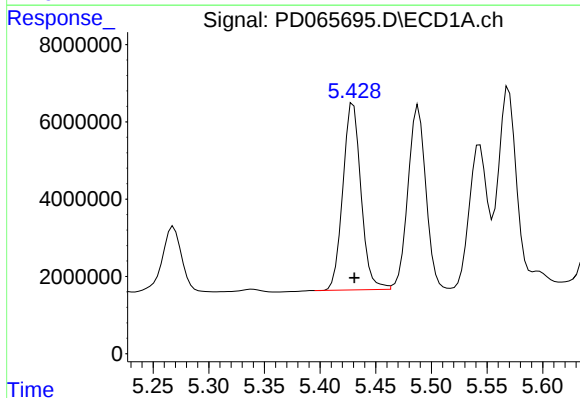
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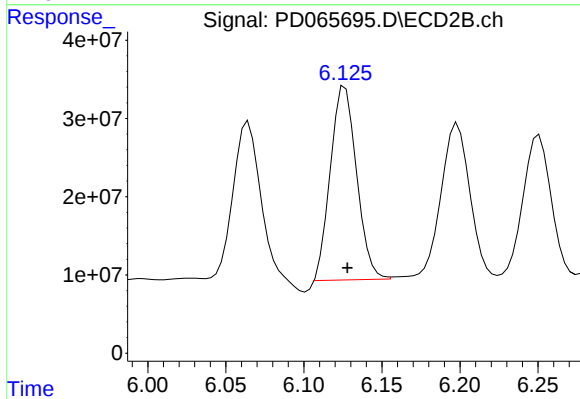
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 218671350
Conc: 31.05 ng/ml



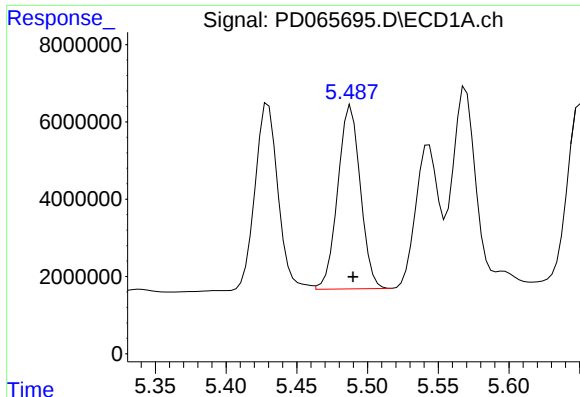
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 54721987
Conc: 35.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 289686993
Conc: 38.58 ng/ml m



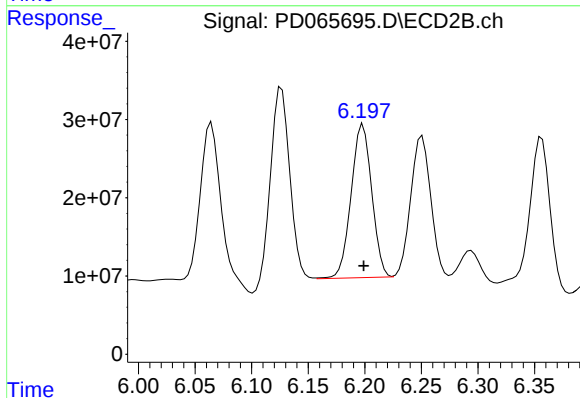
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 52837196
Conc: 35.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

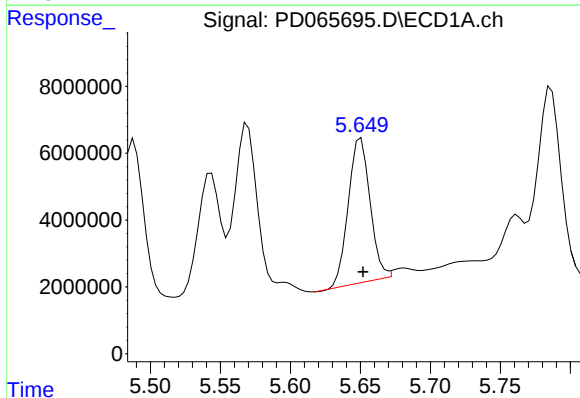
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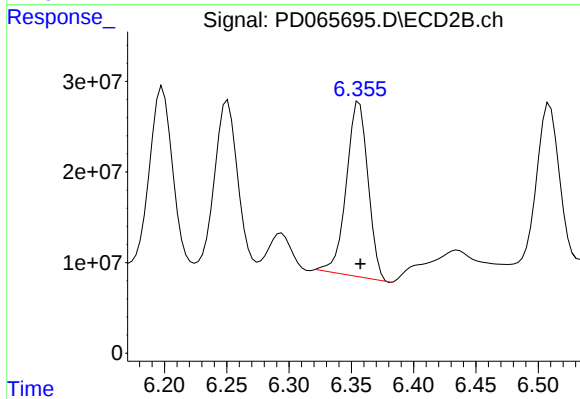
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 248411686
Conc: 33.73 ng/ml



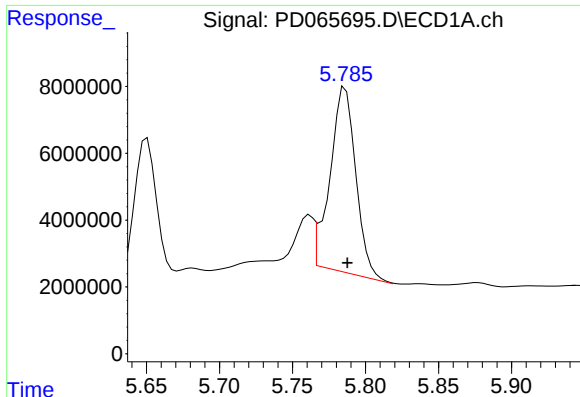
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 46601521
Conc: 32.68 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 235354880
Conc: 32.58 ng/ml



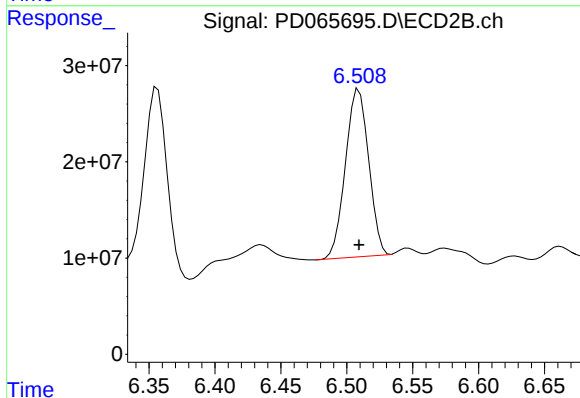
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 66996830
Conc: 43.29 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

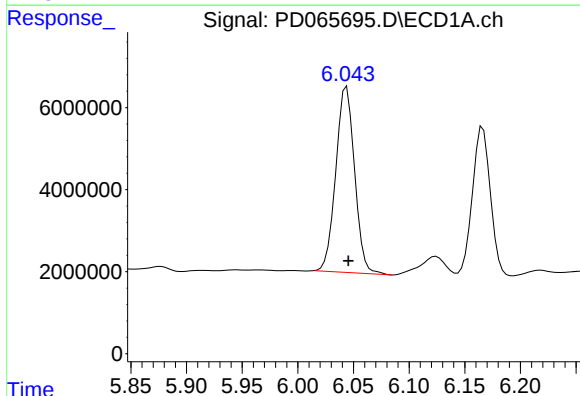
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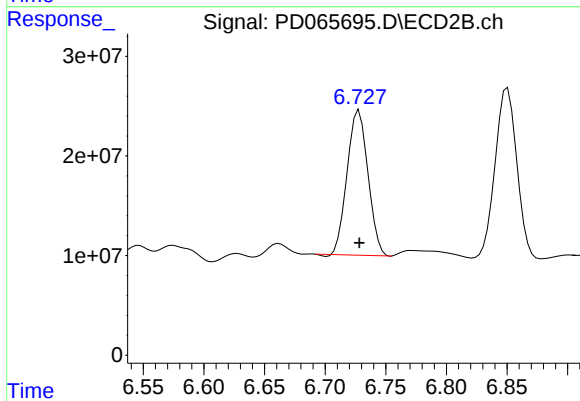
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 213830733
Conc: 28.34 ng/ml



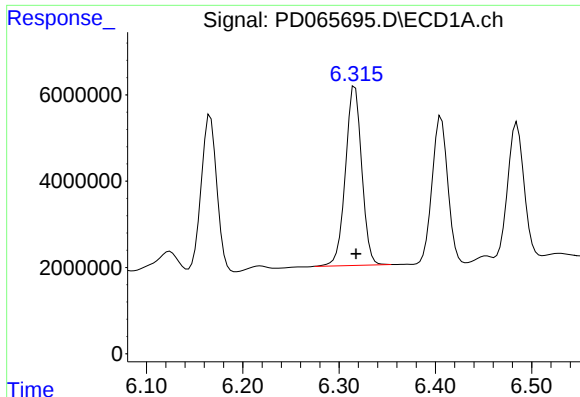
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 53107546
Conc: 38.62 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 173511686
Conc: 29.09 ng/ml



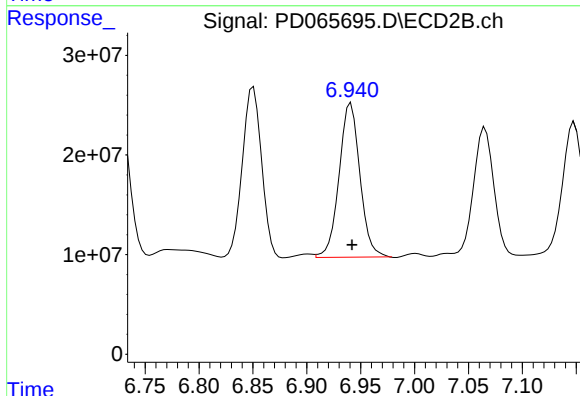
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 48509613
Conc: 33.78 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

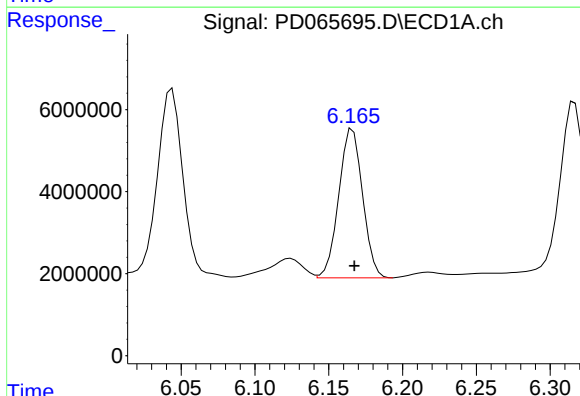
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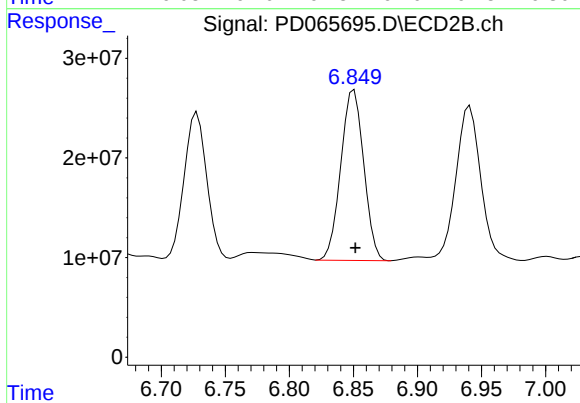
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 208064483
Conc: 32.45 ng/ml



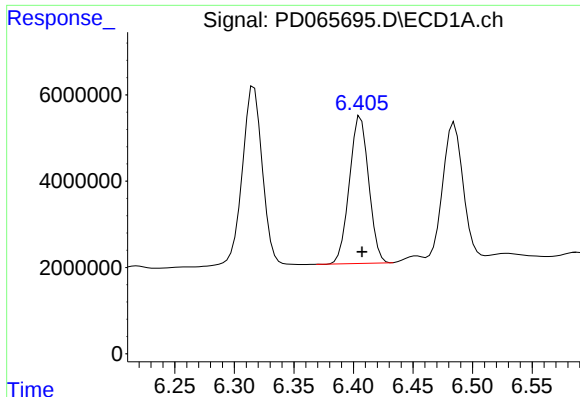
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 40785528
Conc: 31.99 ng/ml m



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 213240197
Conc: 34.16 ng/ml m



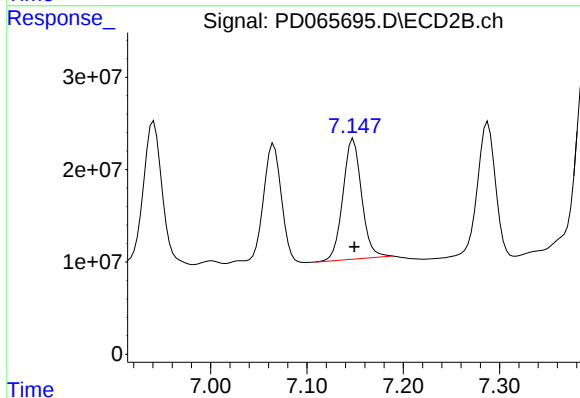
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 38471628
Conc: 27.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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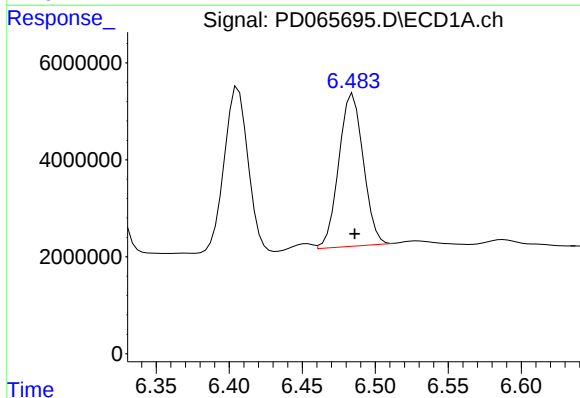
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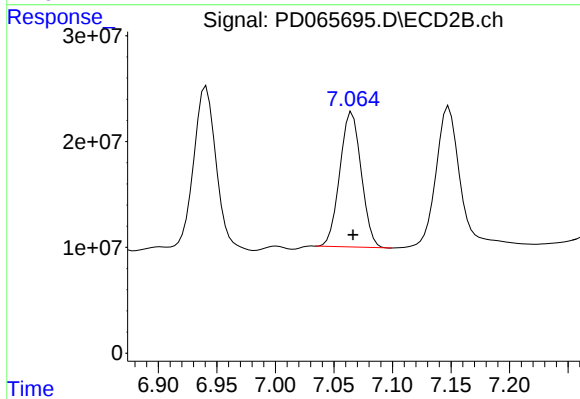
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 175702770
Conc: 28.84 ng/ml



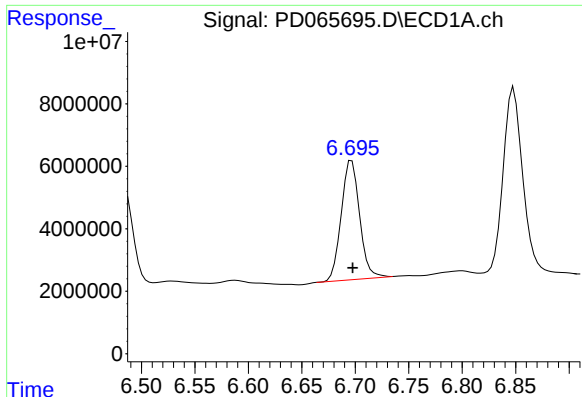
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 36679963
Conc: 29.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 162430272
Conc: 29.73 ng/ml



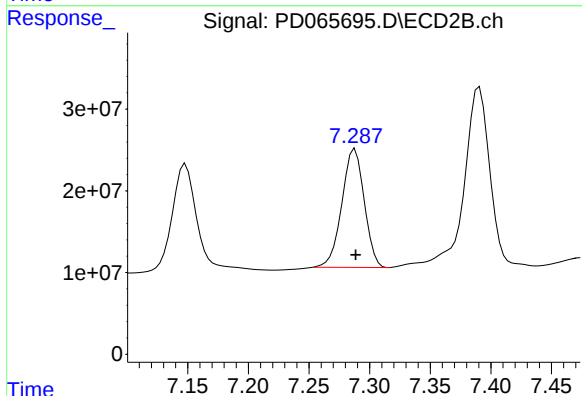
#19 Endosulfan Sulfate

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 46009449
Conc: 29.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

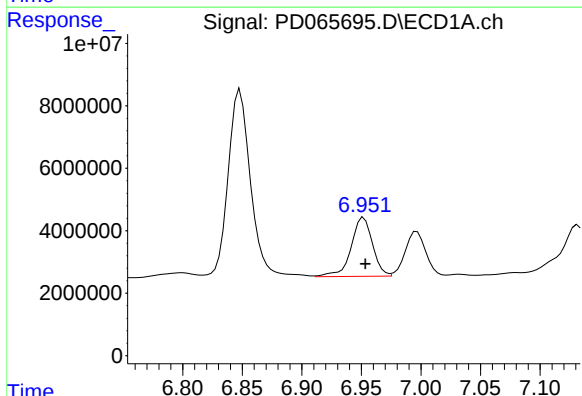
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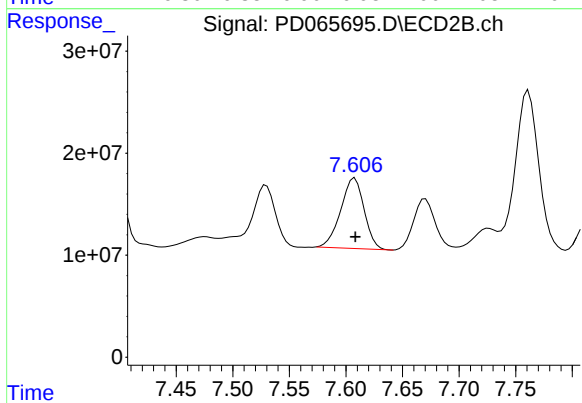
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 186021765
Conc: 29.10 ng/ml



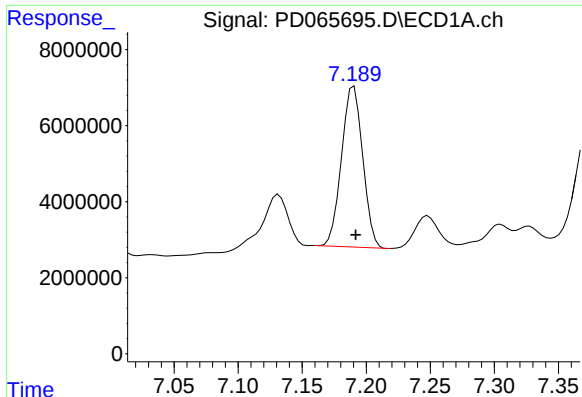
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 23568502
Conc: 28.11 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 99394094
Conc: 30.54 ng/ml



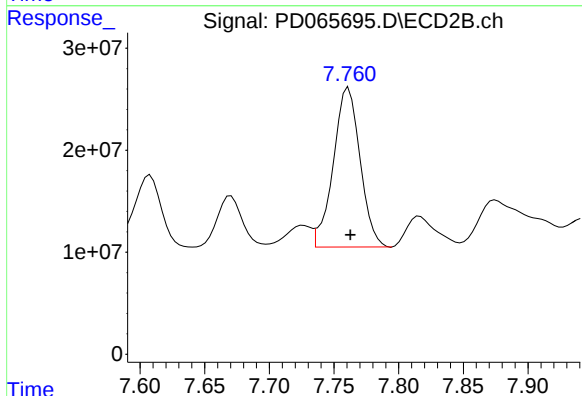
#21 Endrin ketone

R.T.: 7.190 min
Delta R.T.: -0.001 min
Response: 48674552
Conc: 26.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

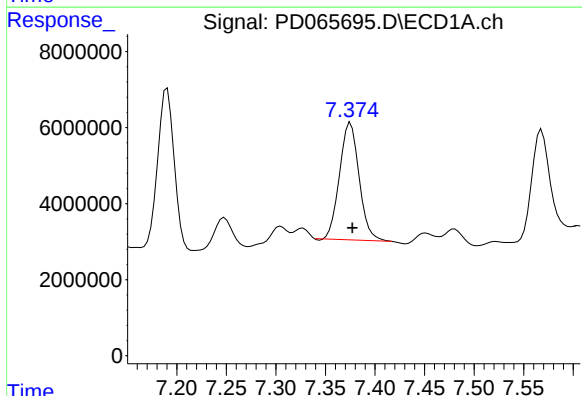
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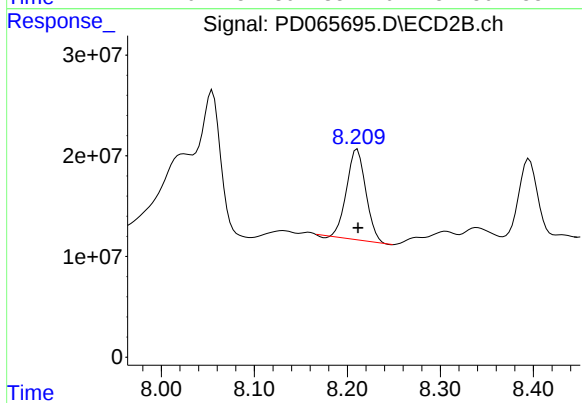
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 225317035
Conc: 29.78 ng/ml



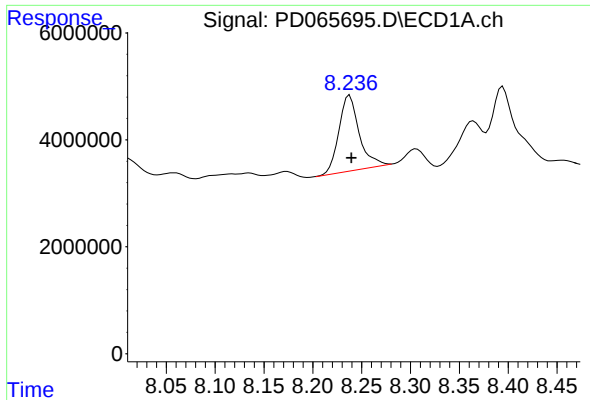
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 42315594
Conc: 26.99 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 128648091
Conc: 24.32 ng/ml



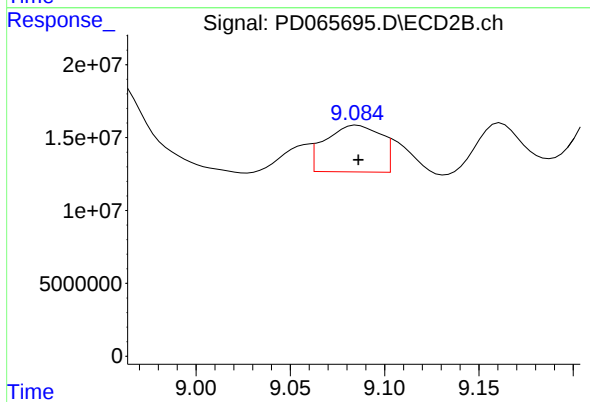
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.002 min
Response: 20525908
Conc: 11.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:51 AM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 62771090
Conc: 11.76 ng/ml m