

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
 Data File : PD065694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2021 17:44
 Operator : AR\AJ
 Sample : M3707-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-02-091021MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:18:34 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	16303168	135.2E6	16.636	18.440
28)	SA Decachlor...	8.238	9.085	19921730	75081218	11.555	14.071m
Target Compounds							
2)	A alpha-BHC	3.934	4.407	59323667	429.9E6	41.177	40.643
3)	MA gamma-BHC...	4.218	4.694	64625575	467.3E6	44.772	47.424
4)	MA Heptachlor	4.515	5.198	55831480	349.1E6	36.786	38.393
5)	MB Aldrin	4.763	5.503	54511708	330.8E6	38.144	39.205
6)	B beta-BHC	4.465	4.870	29011826	130.8E6	38.990	28.096m#
7)	B delta-BHC	4.670	5.087	59003564	375.7E6	39.565	40.406
8)	B Heptachlo...	5.206	5.893	53331151	218.0E6	36.563	30.269
9)	A Endosulfan I	5.545	6.251	38586883	231.2E6	27.222	32.831
10)	B gamma-Chl...	5.431	6.126	55373571	306.8E6	36.254	40.860m
11)	B alpha-Chl...	5.489	6.198	53735625	267.2E6	35.696	36.278
12)	B 4,4'-DDE	5.652	6.357	46778003	248.2E6	32.806	34.355
13)	MA Dieldrin	5.787	6.509	64634001	224.3E6	41.768	29.733 #
14)	MA Endrin	6.045	6.727	56017042	181.9E6	40.740	30.500 #
15)	B Endosulfa...	6.317	6.941	50594129	221.5E6	35.227	34.549
16)	A 4,4'-DDD	6.165	6.849	41572277	227.4E6	32.609m	36.421m
17)	MA 4,4'-DDT	6.407	7.148	39555759	184.0E6	28.739	30.209
18)	B Endrin al...	6.485	7.065	38076942	172.9E6	30.188	31.655
19)	B Endosulfa...	6.697	7.288	47144122	196.5E6	30.511	30.744
20)	A Methoxychlor	6.952	7.608	23961819	104.0E6	28.576	31.955
21)	B Endrin ke...	7.191	7.761	49275438	240.0E6	26.501	31.720
22)	Mirex	7.376	8.211	40263641	134.4E6	25.683	25.406

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
Data File : PD065694.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2021 17:44
Operator : AR\AJ
Sample : M3707-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

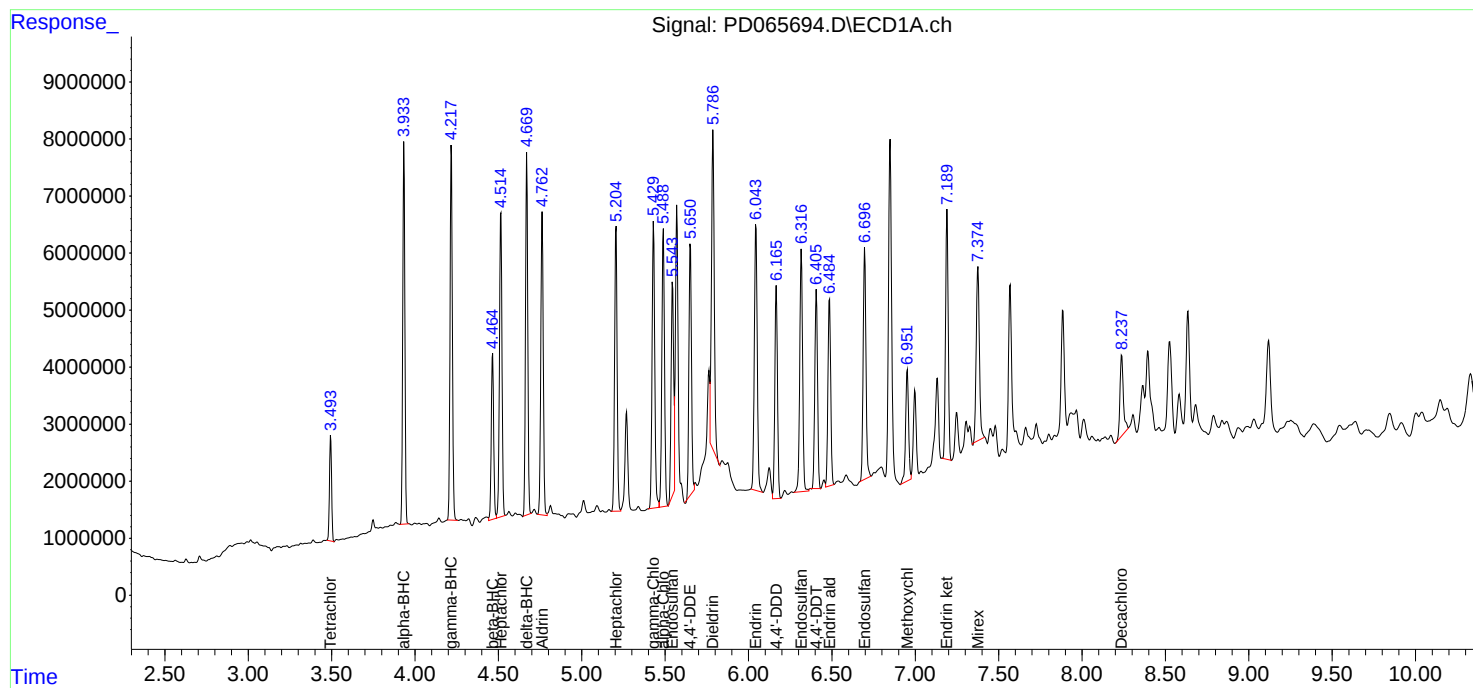
Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

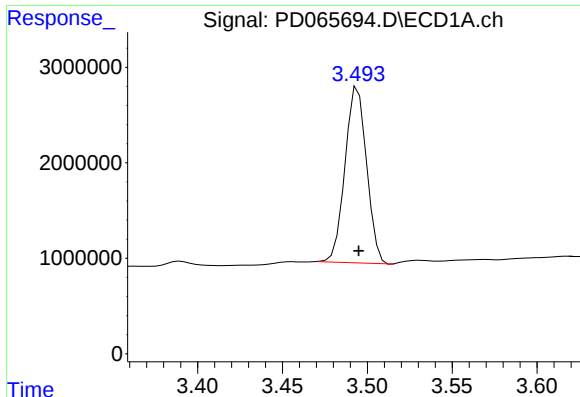
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 02:18:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 2021
Response 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





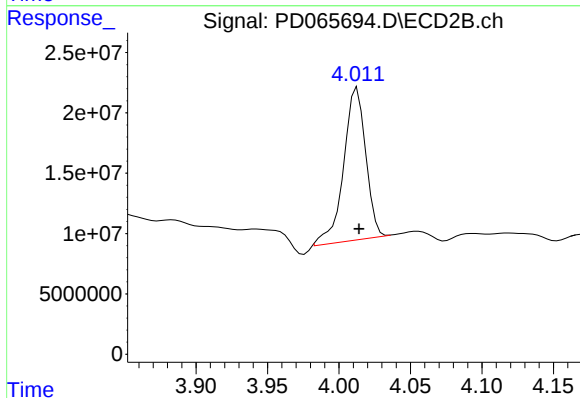
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 16303168
Conc: 16.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

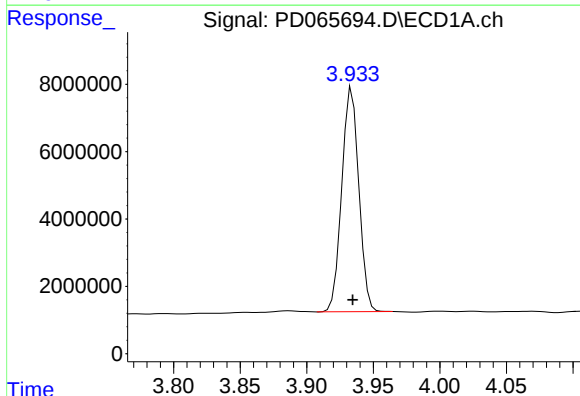
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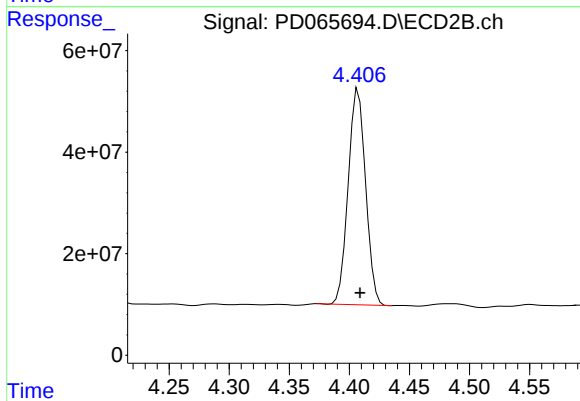
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 135151829
Conc: 18.44 ng/ml



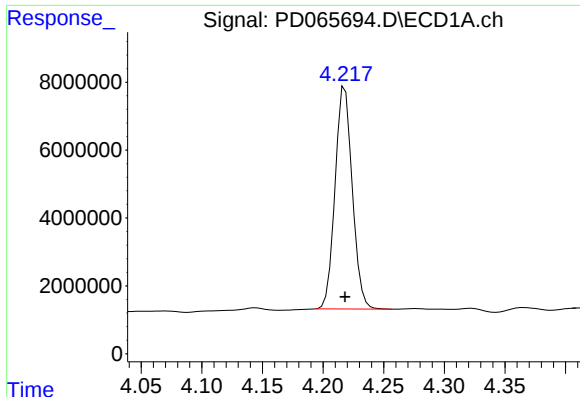
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 59323667
Conc: 41.18 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 429941933
Conc: 40.64 ng/ml



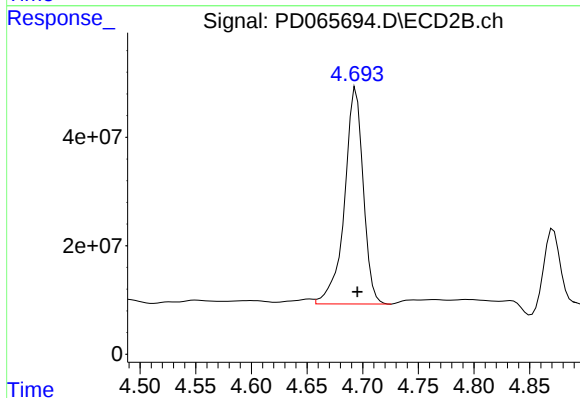
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 64625575
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

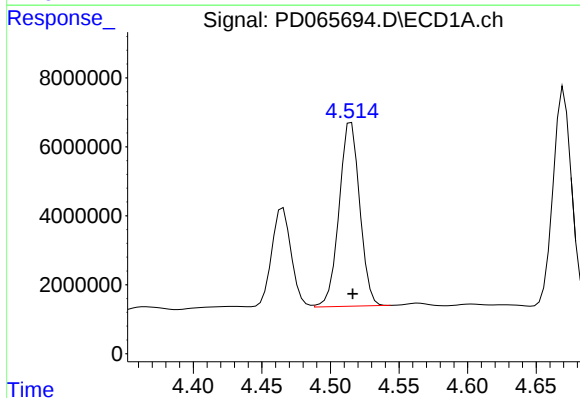
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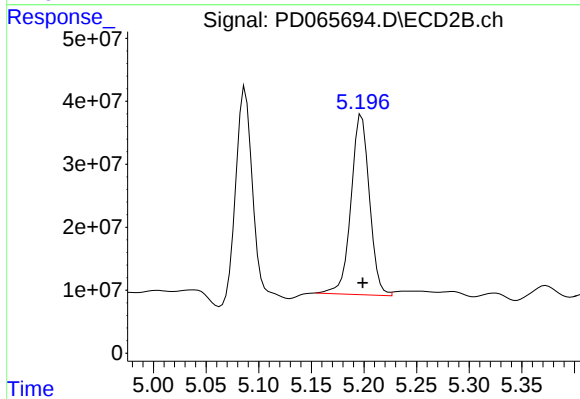
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 467321293
Conc: 47.42 ng/ml



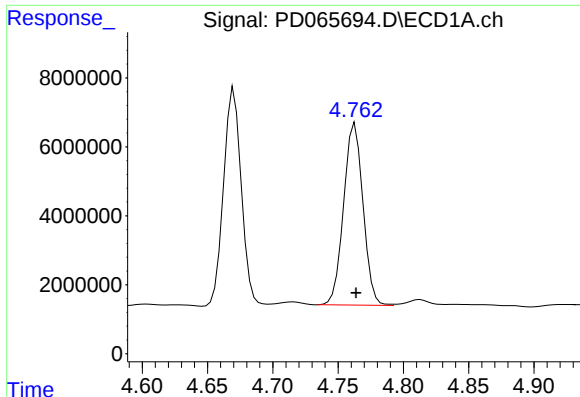
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 55831480
Conc: 36.79 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 349082473
Conc: 38.39 ng/ml



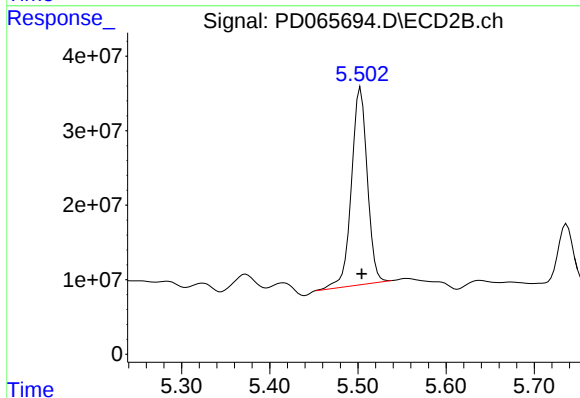
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 54511708
Conc: 38.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

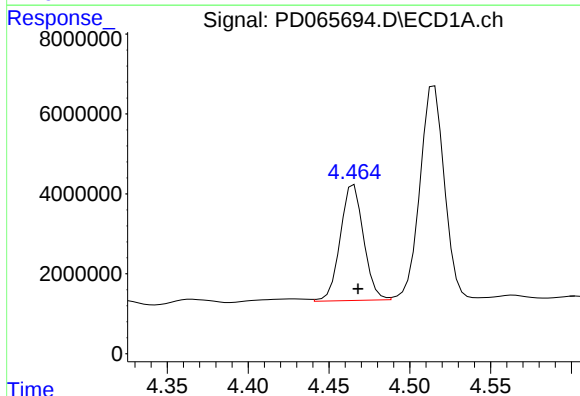
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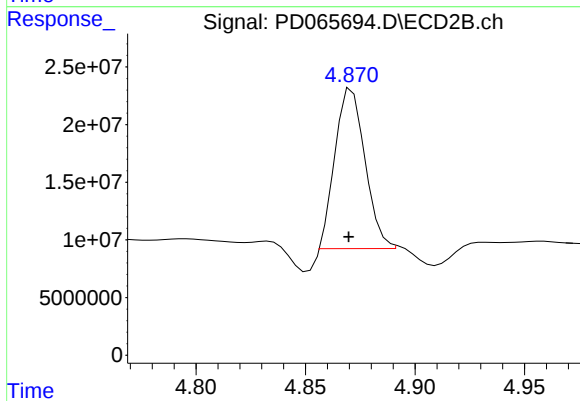
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 330769776
Conc: 39.21 ng/ml



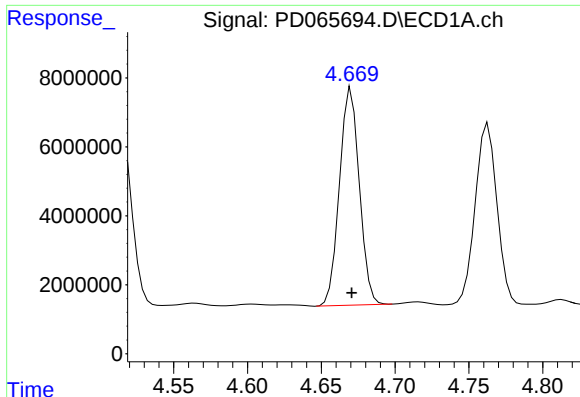
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 29011826
Conc: 38.99 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 130798751
Conc: 28.10 ng/ml m



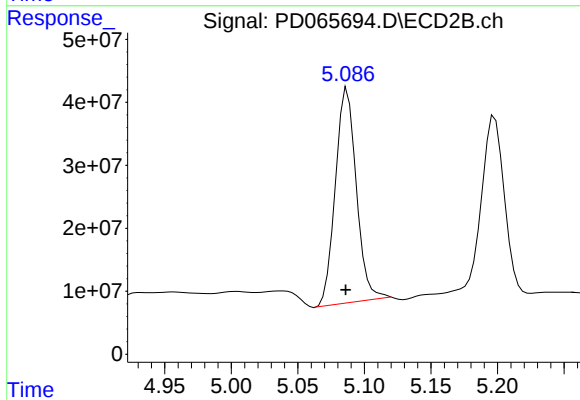
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 59003564
Conc: 39.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

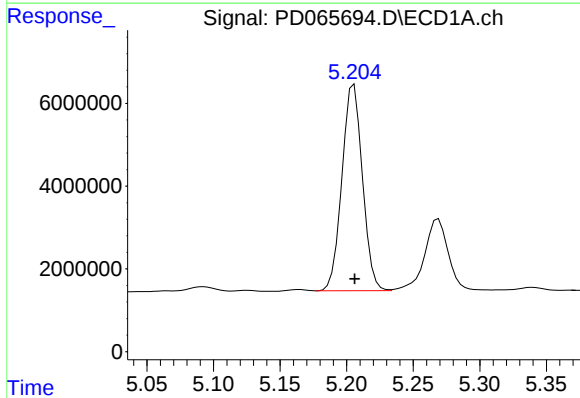
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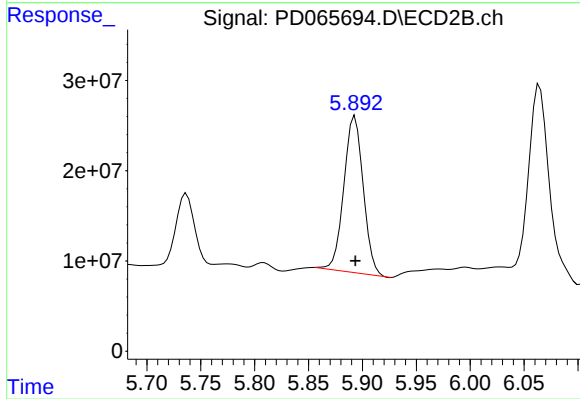
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 375698224
Conc: 40.41 ng/ml



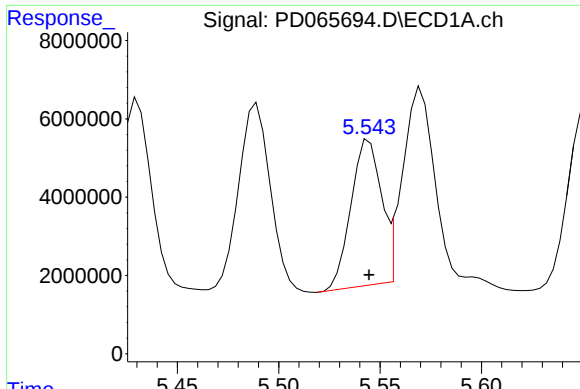
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 53331151
Conc: 36.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 218005192
Conc: 30.27 ng/ml



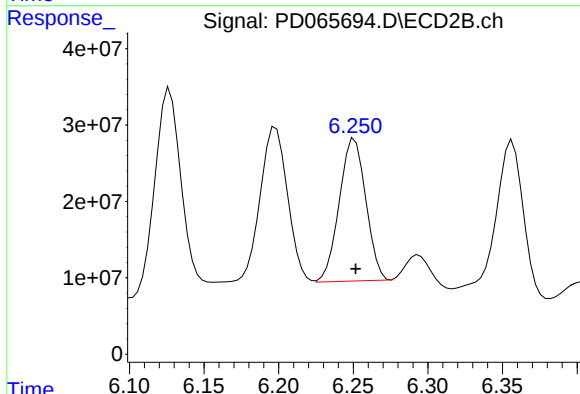
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 38586883
Conc: 27.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

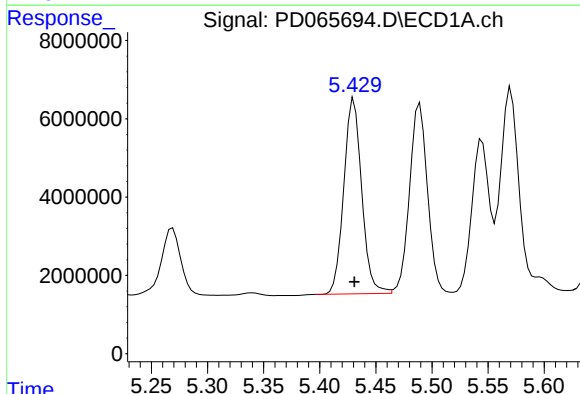
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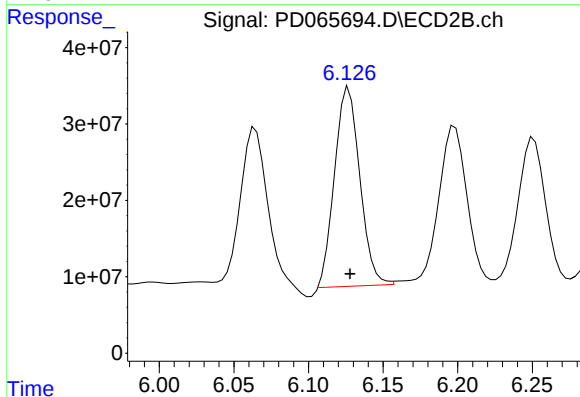
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 231224071
Conc: 32.83 ng/ml



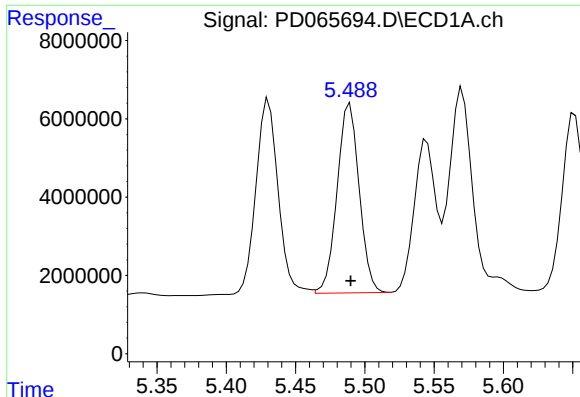
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 55373571
Conc: 36.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 306830865
Conc: 40.86 ng/ml m



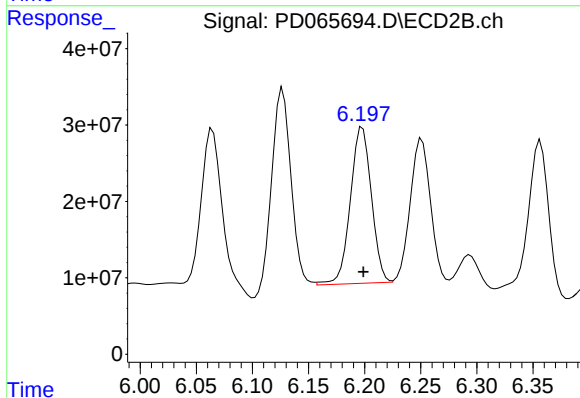
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 53735625
Conc: 35.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

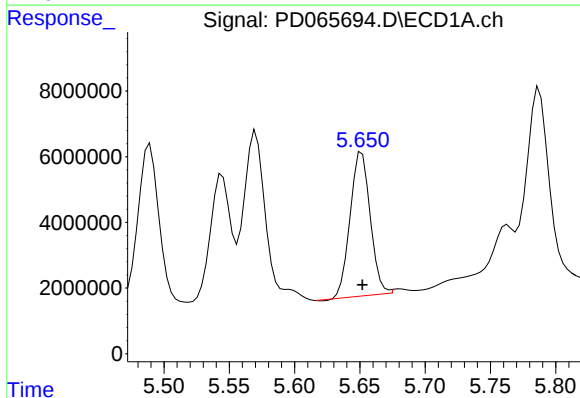
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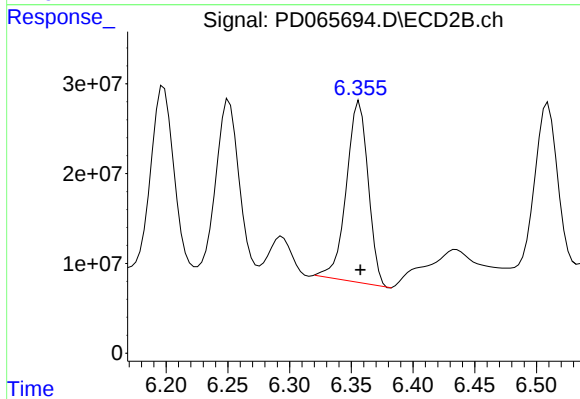
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 267182871
Conc: 36.28 ng/ml



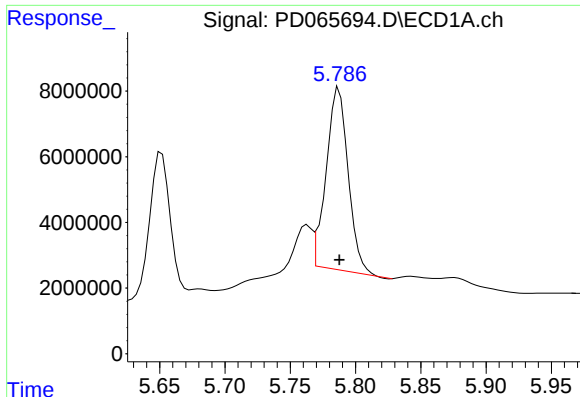
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 46778003
Conc: 32.81 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 248208254
Conc: 34.35 ng/ml



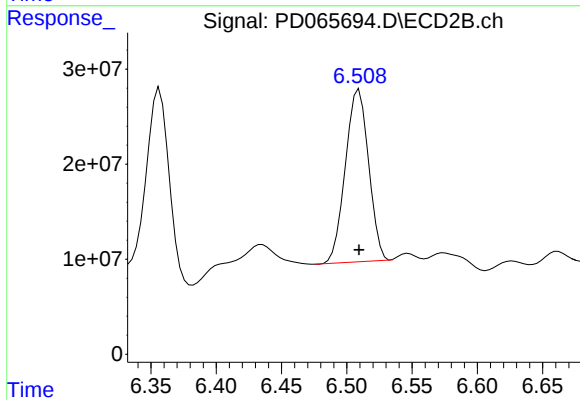
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 64634001
Conc: 41.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

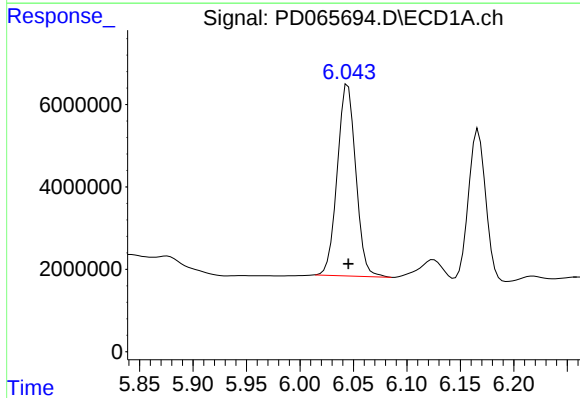
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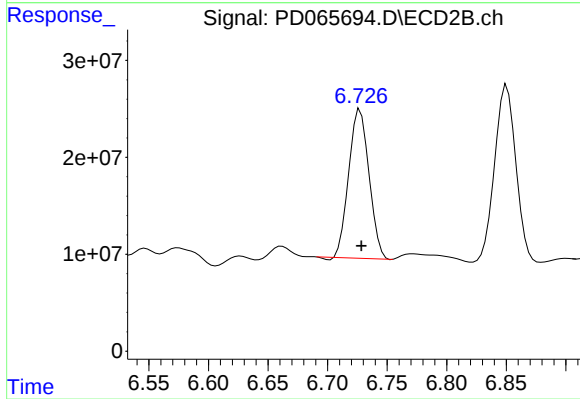
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 224318509
Conc: 29.73 ng/ml



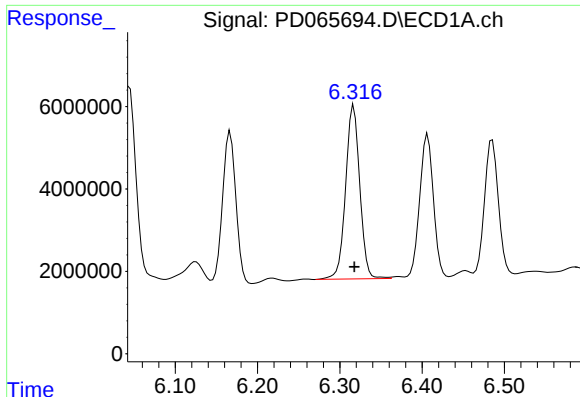
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 56017042
Conc: 40.74 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 181940405
Conc: 30.50 ng/ml



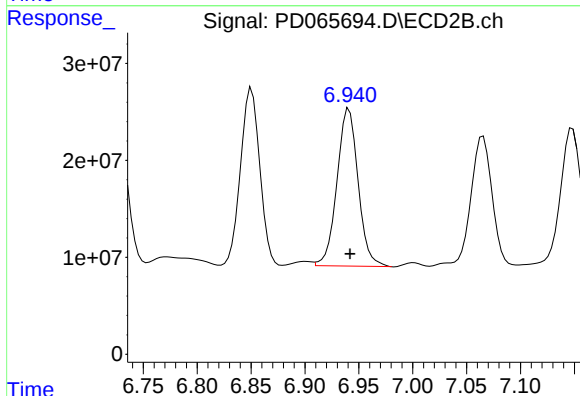
#15 Endosulfan II

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 50594129
Conc: 35.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

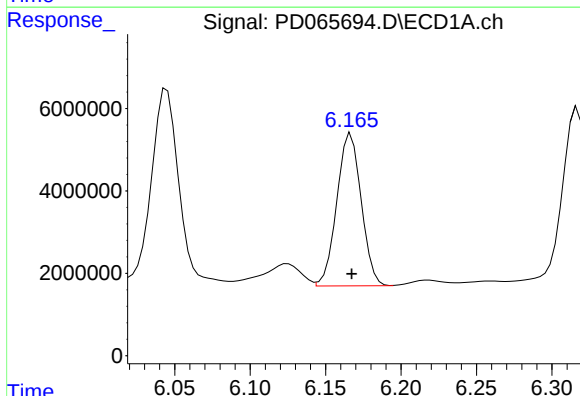
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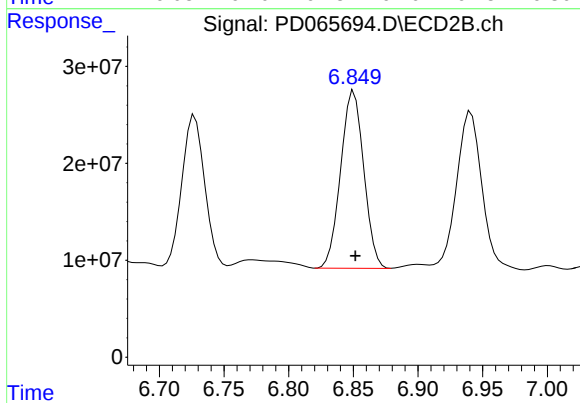
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 221491948
Conc: 34.55 ng/ml



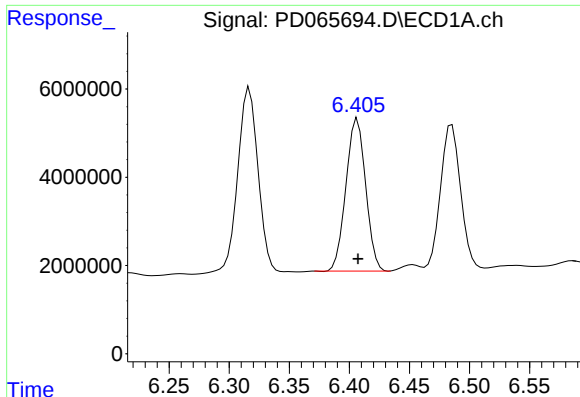
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 41572277
Conc: 32.61 ng/ml m



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 227353265
Conc: 36.42 ng/ml m



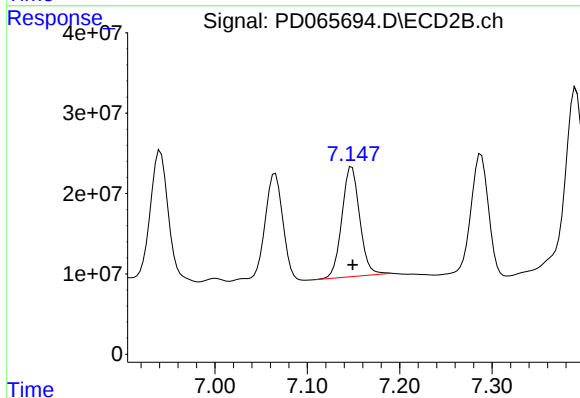
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 39555759
Conc: 28.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

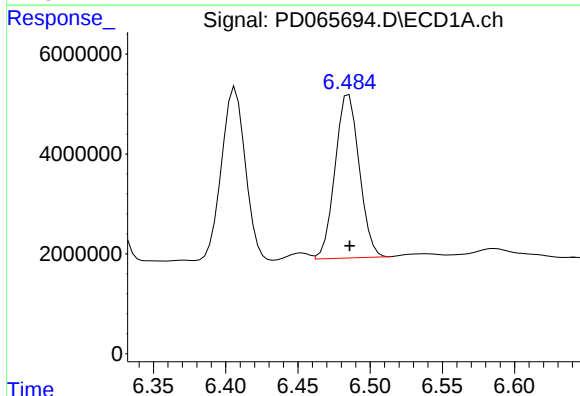
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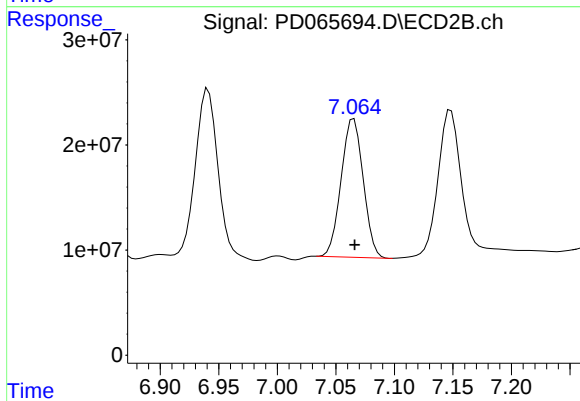
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 184012339
Conc: 30.21 ng/ml



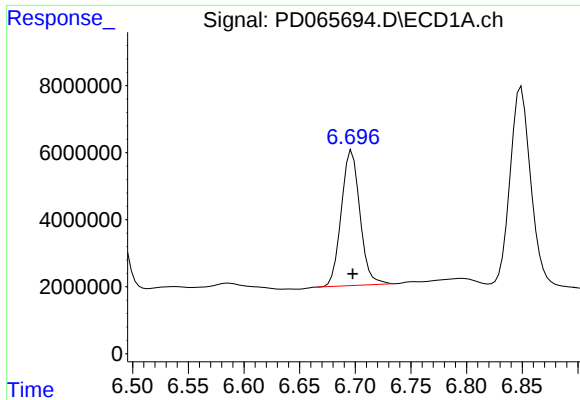
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 38076942
Conc: 30.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 172947162
Conc: 31.65 ng/ml



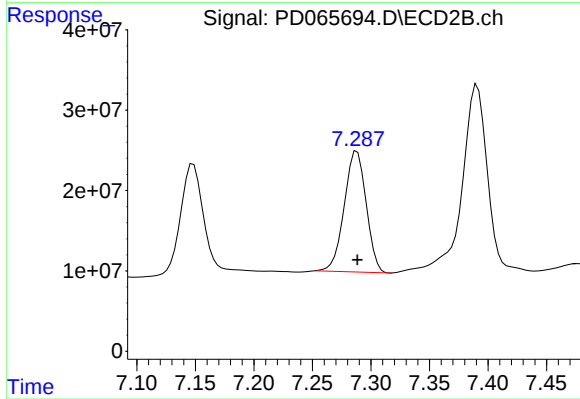
#19 Endosulfan Sulfate

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 47144122
Conc: 30.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

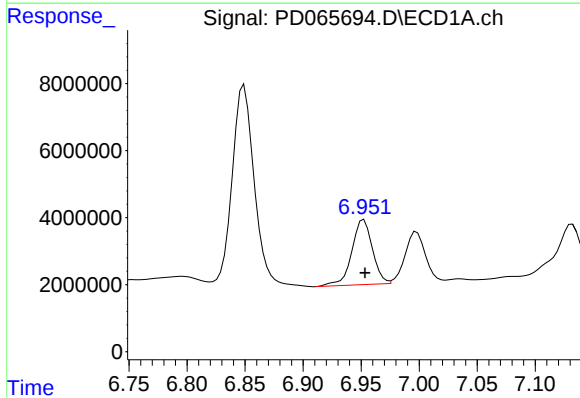
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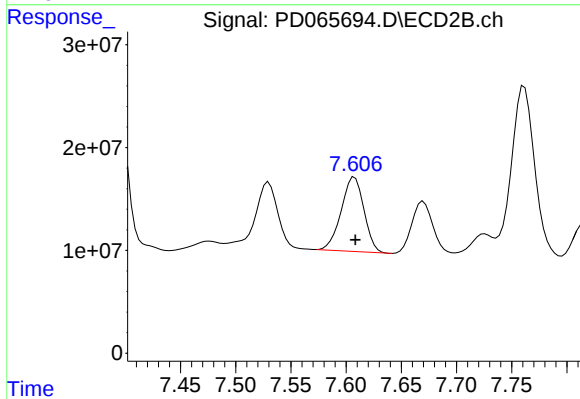
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 196531474
Conc: 30.74 ng/ml



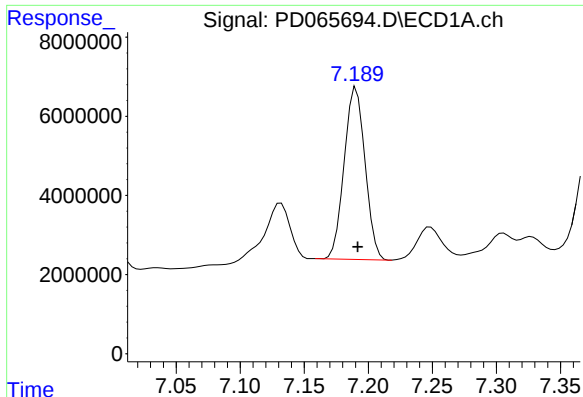
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 23961819
Conc: 28.58 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 104013661
Conc: 31.95 ng/ml



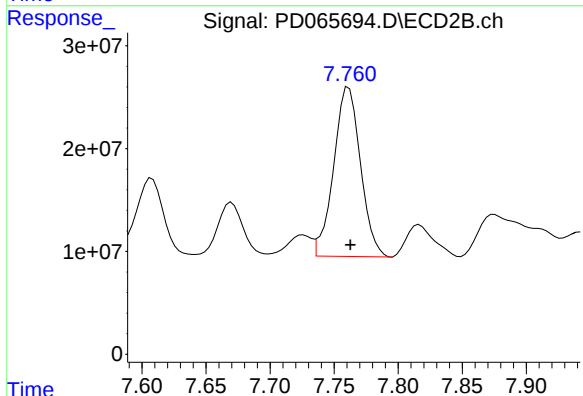
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 49275438
Conc: 26.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

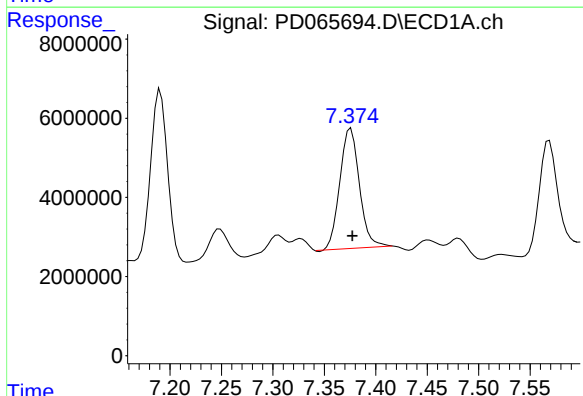
Manual Integrations
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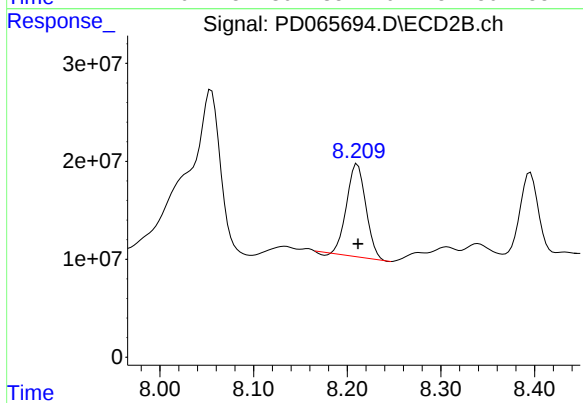
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 239969638
Conc: 31.72 ng/ml



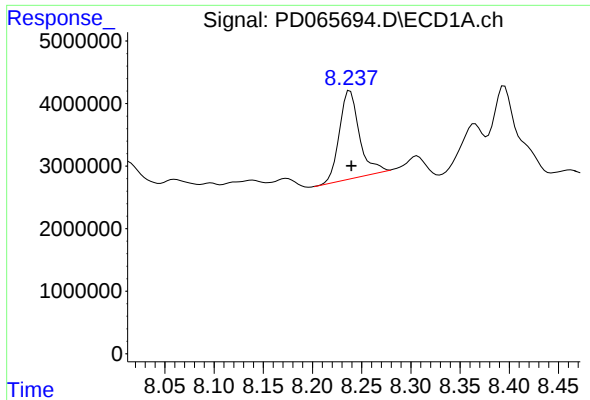
#22 Mirex

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 40263641
Conc: 25.68 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 134375277
Conc: 25.41 ng/ml



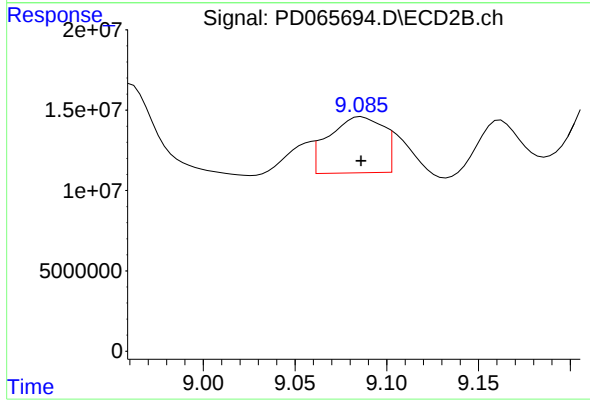
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.001 min
Response: 19921730
Conc: 11.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:48 AM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.001 min
Response: 75081218
Conc: 14.07 ng/ml m