

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021820\
 Data File : PL056648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2020 20:01
 Operator : AJ\MA
 Sample : PB126907BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126907BSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 02:34:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021220.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 05:32:36 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.497	4.021	152.2E6	48384269	17.248	17.785
28)	SA Decachlor...	8.250	9.093	171.4E6	39114268	17.892	19.176
Target Compounds							
2)	A alpha-BHC	3.935	4.410	695.9E6	191.9E6	45.391	47.123
3)	MA gamma-BHC...	4.219	4.695	670.8E6	173.8E6	47.542	45.730
4)	MA Heptachlor	4.521	5.200	634.6E6	146.8E6	43.597	43.670m
5)	MB Aldrin	4.768	5.506	619.1E6	143.4E6	43.443m	44.205
6)	B beta-BHC	4.470	4.867	266.5E6	71054875	46.701	49.081
7)	B delta-BHC	4.674	5.084	656.4E6	145.4E6	46.890	49.360
8)	B Heptachlo...	5.212	5.894	633.9E6	153.7E6	47.356	54.926
9)	A Endosulfan I	5.552	6.251	590.0E6	134.9E6	47.023	48.516
10)	B gamma-Chl...	5.439	6.129	644.7E6	140.7E6	46.870	48.089
11)	B alpha-Chl...	5.497	6.201	606.1E6	138.3E6	44.503	47.071
12)	B 4,4'-DDE	5.660	6.359	695.1E6	133.3E6	54.669	47.556
13)	MA Dieldrin	5.795	6.509	652.0E6	142.7E6	48.878	49.025
14)	MA Endrin	6.052	6.727	615.8E6	122.0E6	52.573	50.086
15)	B Endosulfa...	6.325	6.938	511.9E6	121.2E6	48.632	47.586
16)	A 4,4'-DDD	6.177	6.851	480.4E6	116.1E6	50.760	51.314
17)	MA 4,4'-DDT	6.417	7.150	466.7E6	102.8E6	49.248	48.665
18)	B Endrin al...	6.494	7.062	450.5E6	102.6E6	46.946	48.212
19)	B Endosulfa...	6.706	7.286	533.5E6	118.0E6	50.112	49.809
20)	A Methoxychlor	6.962	7.609	239.0E6	52400279	48.577	45.620
21)	B Endrin ke...	7.198	7.756	600.7E6	126.5E6	50.232	50.333m
22)	Mirex	7.387	8.210	365.6E6	71989988	49.270	44.576

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021820\
Data File : PL056648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2020 20:01
Operator : AJ\MA
Sample : PB126907BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

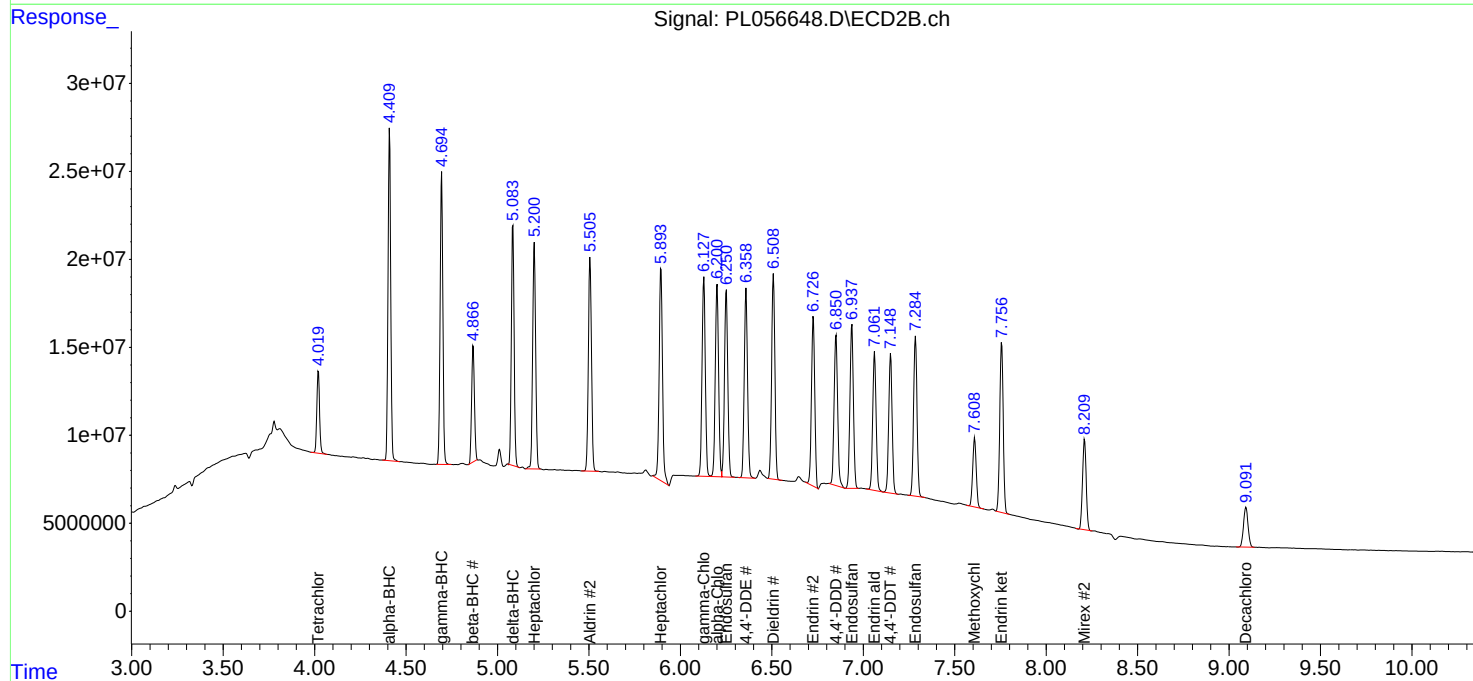
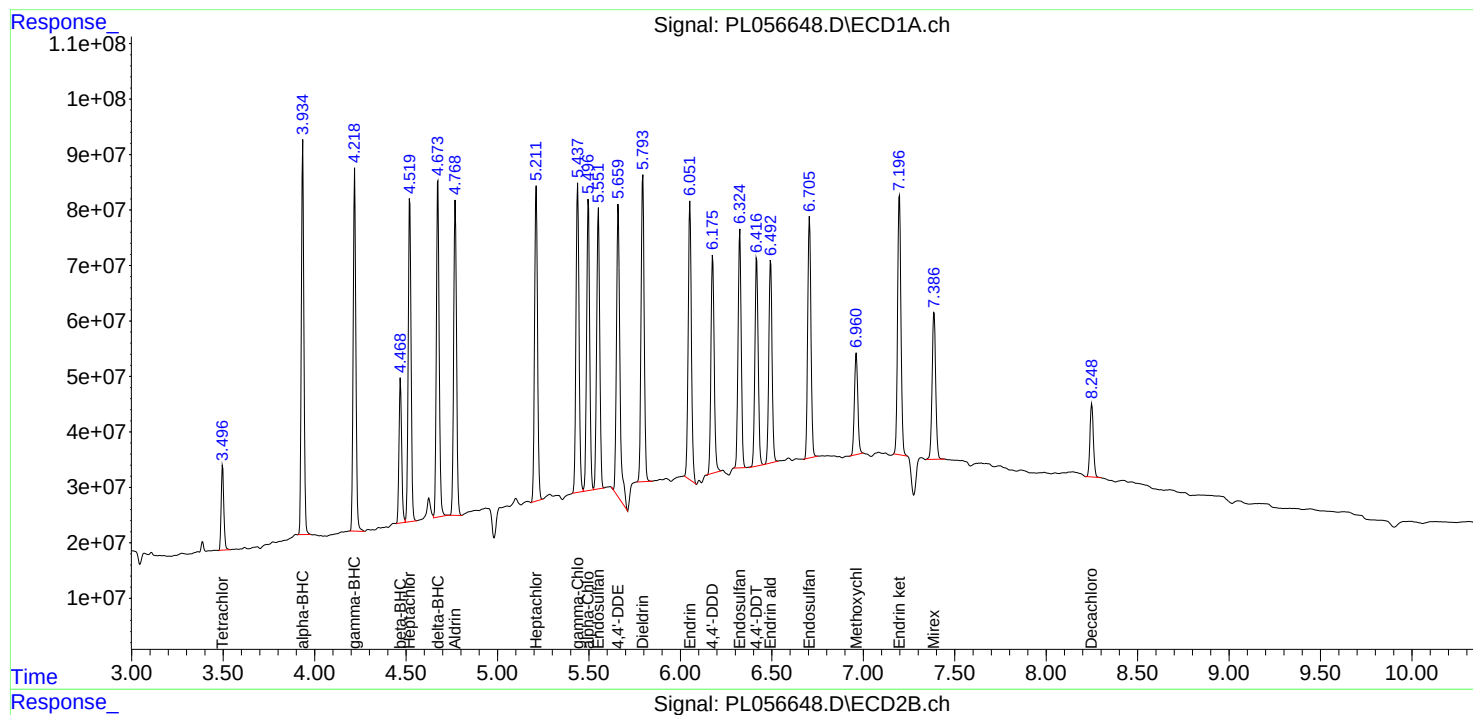
Instrument :
ECD_L
ClientSampleId :
PB126907BSD

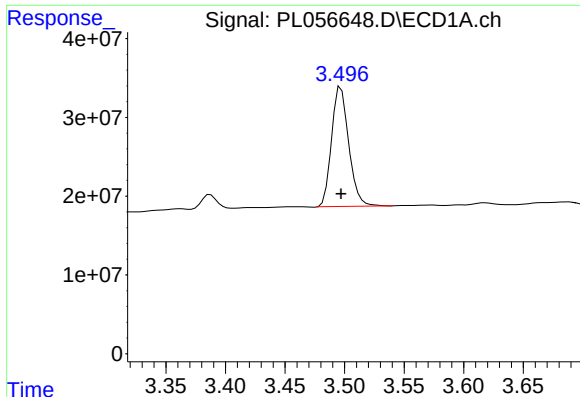
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 02:34:27 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021220.M
Quant Title : GC Extractables
QLast Update : Thu Feb 13 05:32:36 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





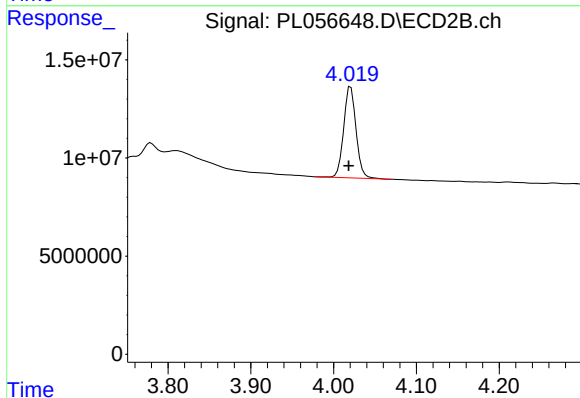
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 152187996
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

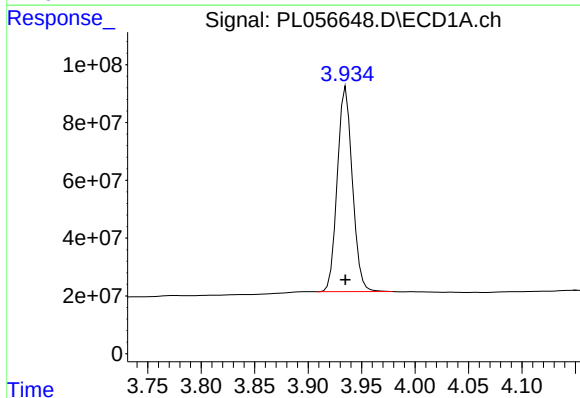
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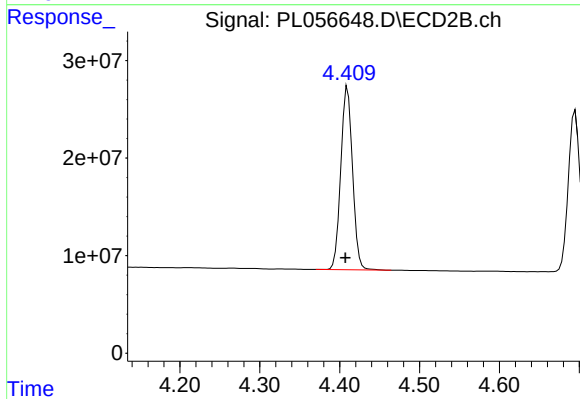
#1 Tetrachloro-m-xylene

R.T.: 4.021 min
Delta R.T.: 0.003 min
Response: 48384269
Conc: 17.79 ng/ml



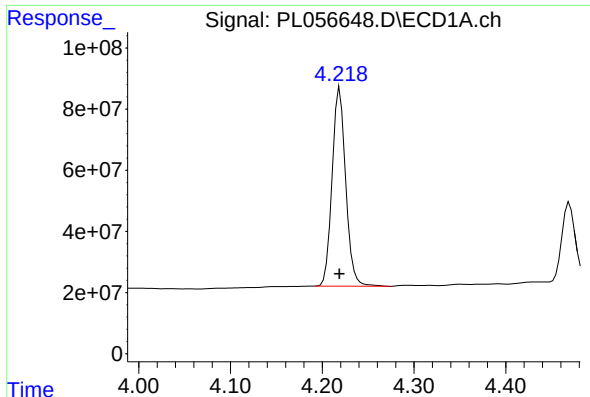
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 695914440
Conc: 45.39 ng/ml



#2 alpha-BHC

R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 191878815
Conc: 47.12 ng/ml



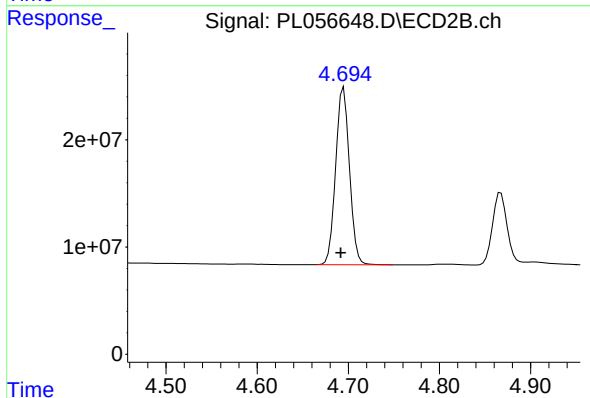
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 670780335
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

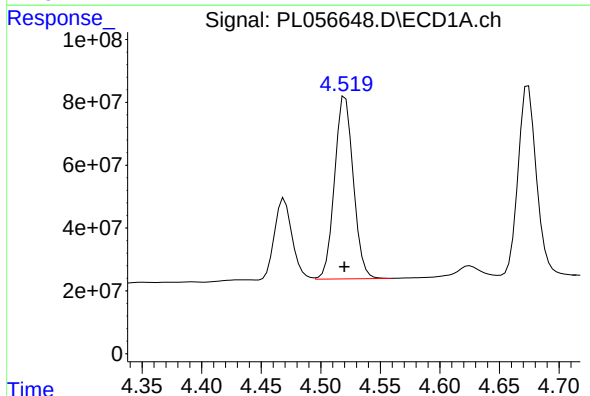
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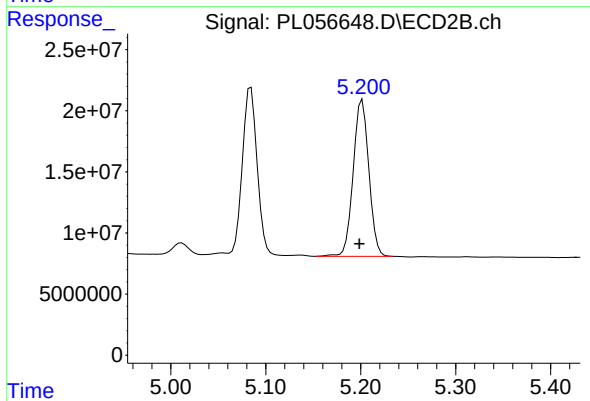
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.003 min
Response: 173799957
Conc: 45.73 ng/ml



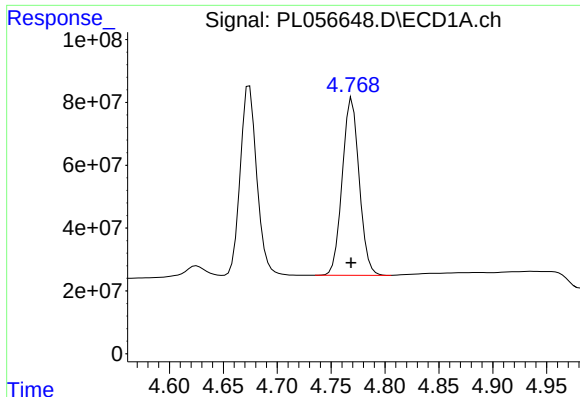
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 634566455
Conc: 43.60 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 146815501
Conc: 43.67 ng/ml m



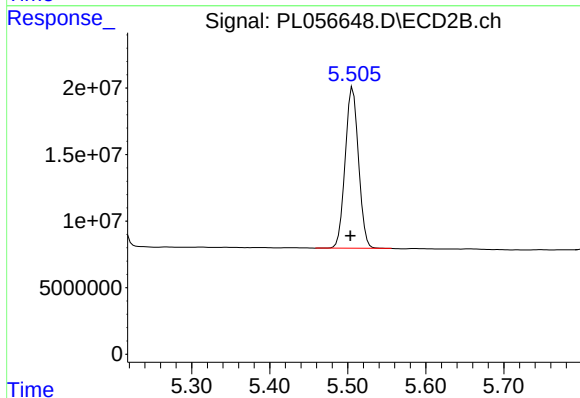
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 619112989
Conc: 43.44 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

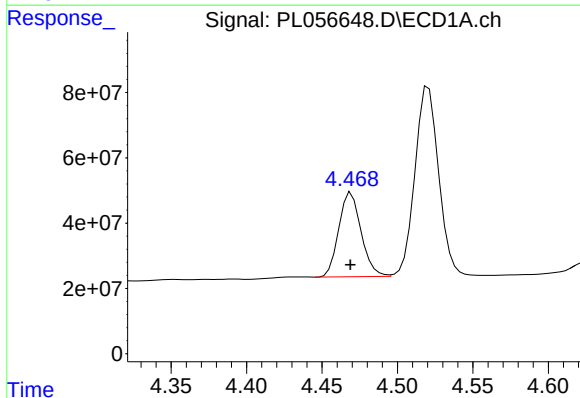
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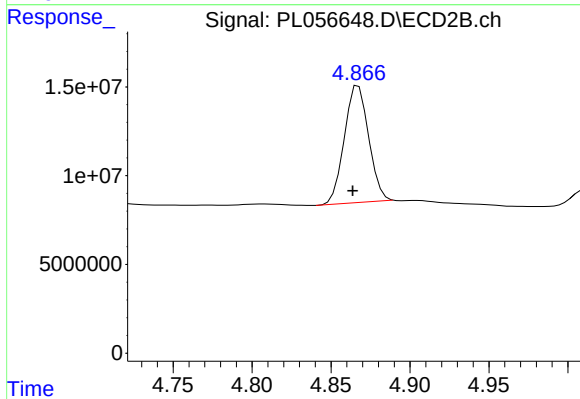
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.003 min
Response: 143354763
Conc: 44.20 ng/ml



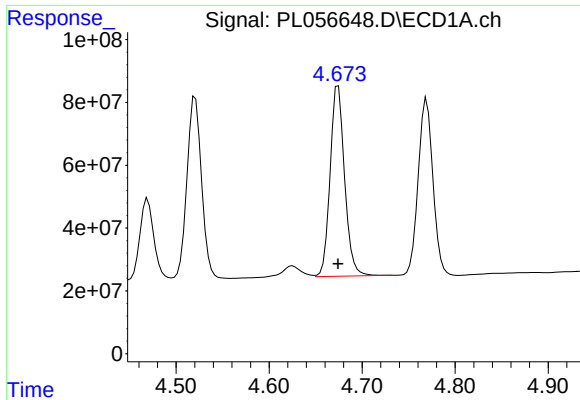
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 266469426
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 4.867 min
Delta R.T.: 0.004 min
Response: 71054875
Conc: 49.08 ng/ml



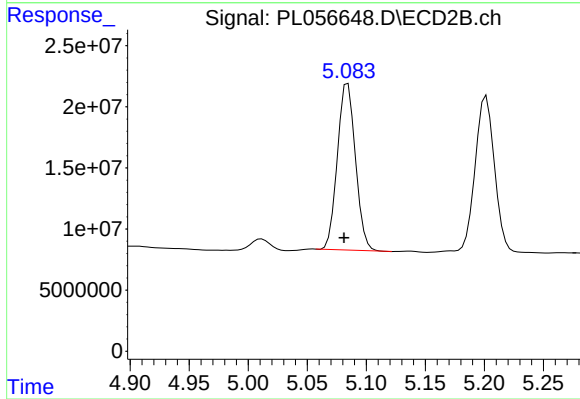
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 656351573
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

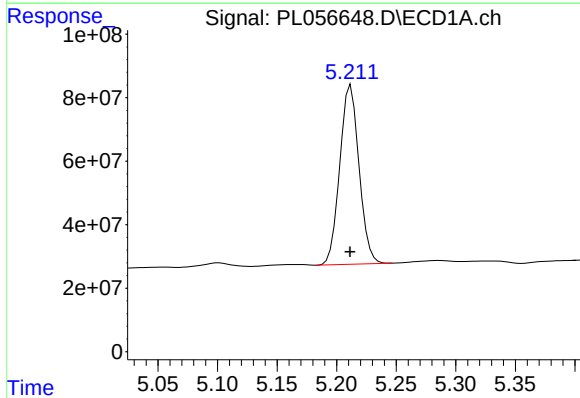
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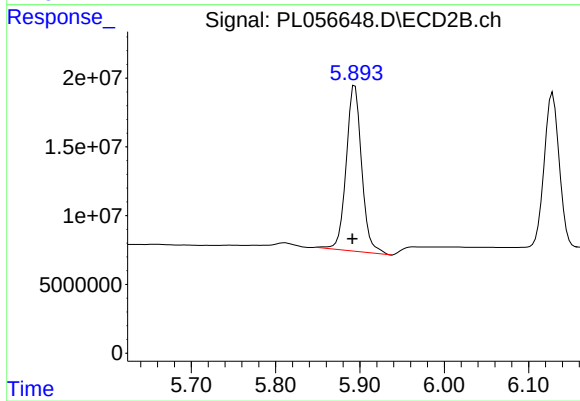
#7 delta-BHC

R.T.: 5.084 min
Delta R.T.: 0.003 min
Response: 145423393
Conc: 49.36 ng/ml



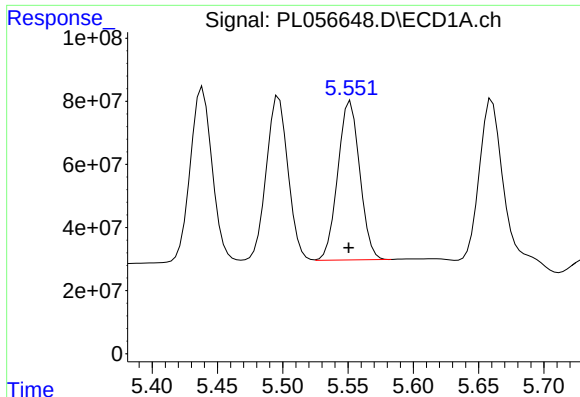
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 633868051
Conc: 47.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.003 min
Response: 153655406
Conc: 54.93 ng/ml



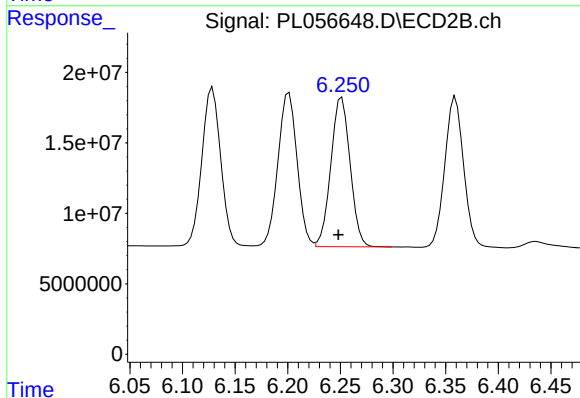
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.001 min
Response: 590016445
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

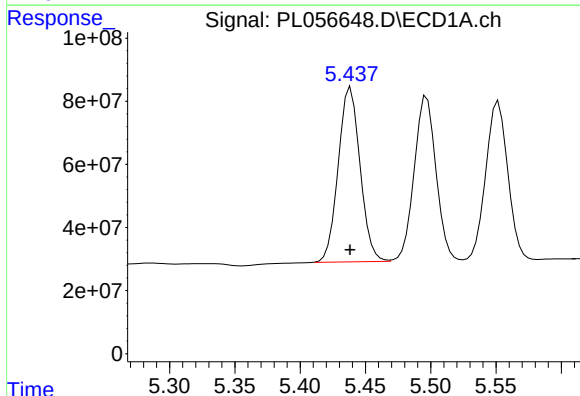
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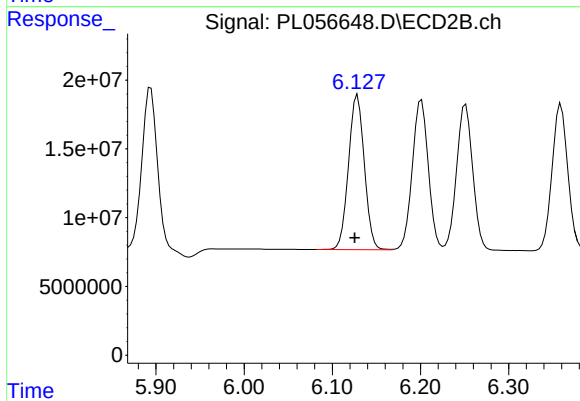
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.003 min
Response: 134892313
Conc: 48.52 ng/ml



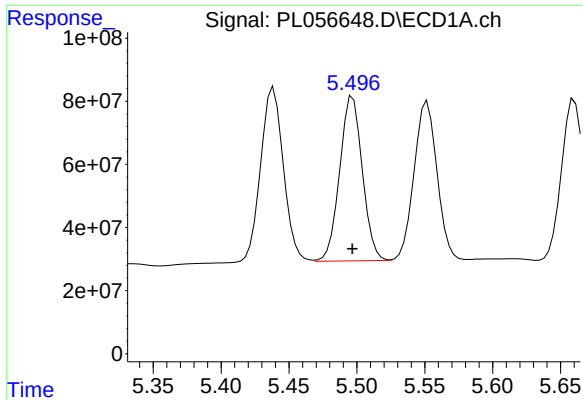
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 644710416
Conc: 46.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min
Delta R.T.: 0.003 min
Response: 140657966
Conc: 48.09 ng/ml



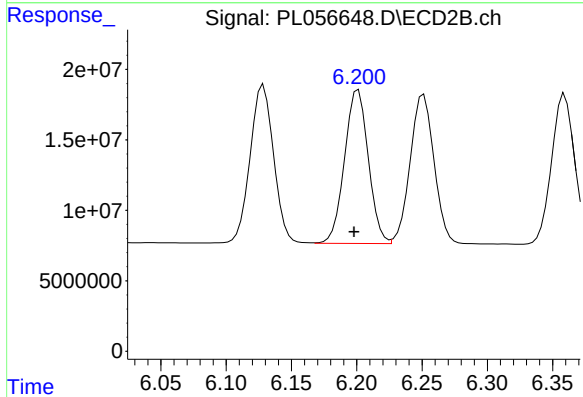
#11 alpha-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 606149720
Conc: 44.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

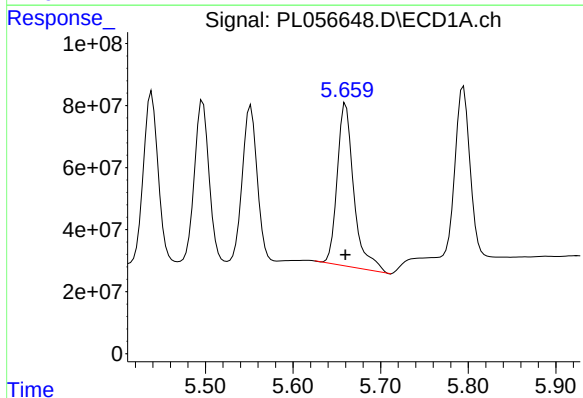
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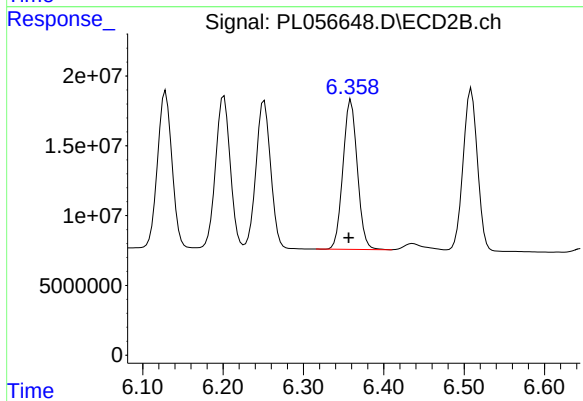
#11 alpha-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 138263411
Conc: 47.07 ng/ml



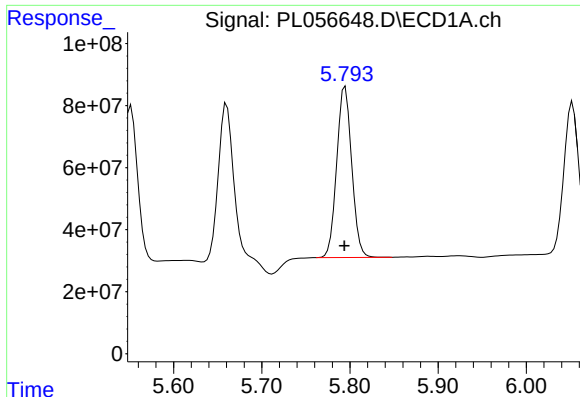
#12 4,4'-DDE

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 695131009
Conc: 54.67 ng/ml



#12 4,4'-DDE

R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 133255215
Conc: 47.56 ng/ml



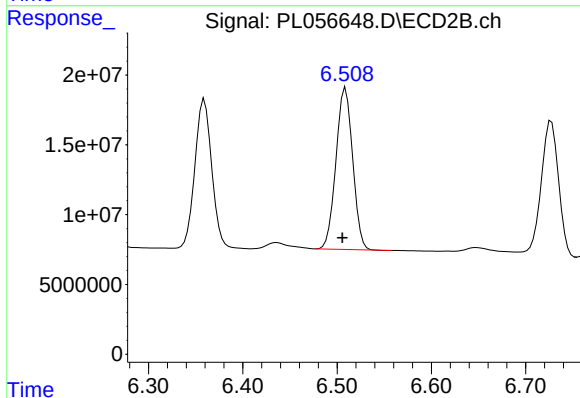
#13 Dieldrin

R.T.: 5.795 min
Delta R.T.: 0.001 min
Response: 652006645
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

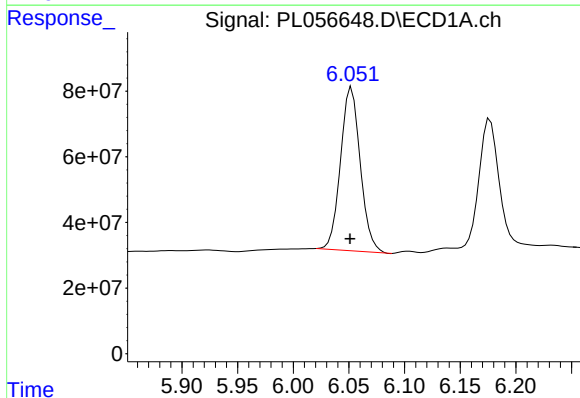
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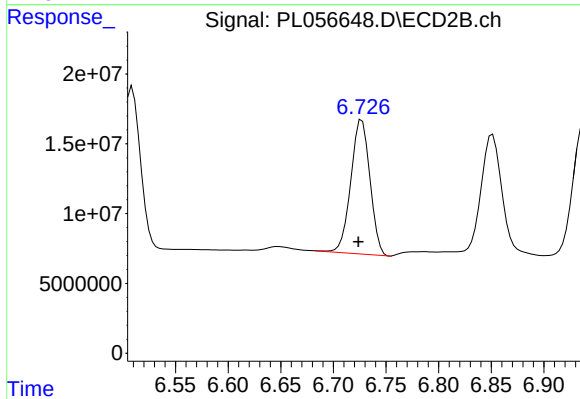
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 142680556
Conc: 49.03 ng/ml



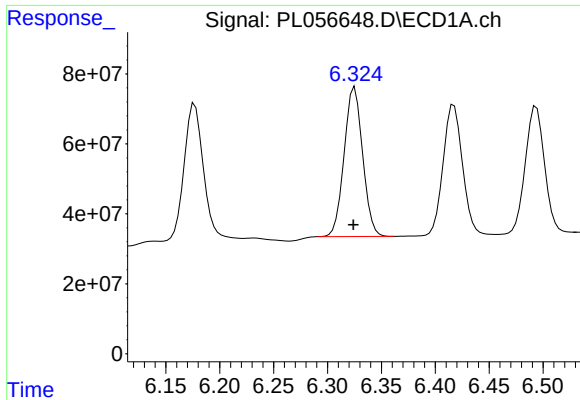
#14 Endrin

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 615772638
Conc: 52.57 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 122002387
Conc: 50.09 ng/ml



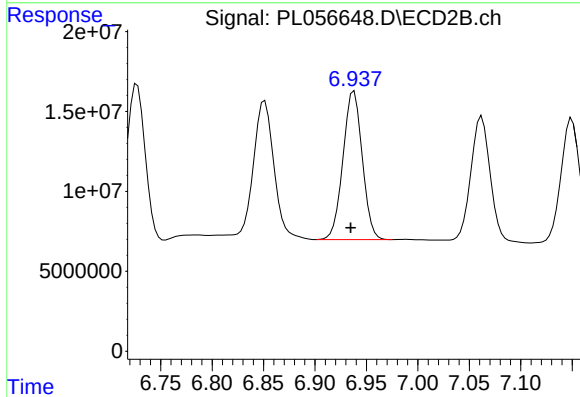
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 511878263
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

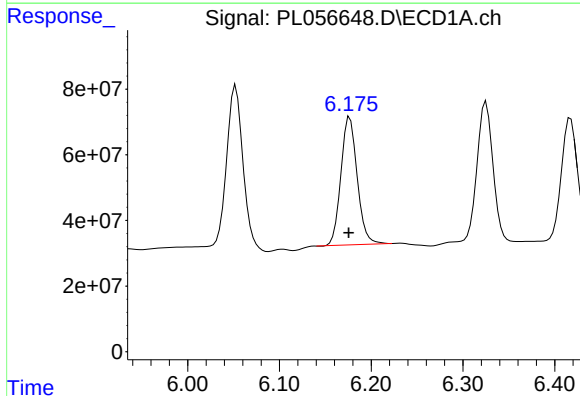
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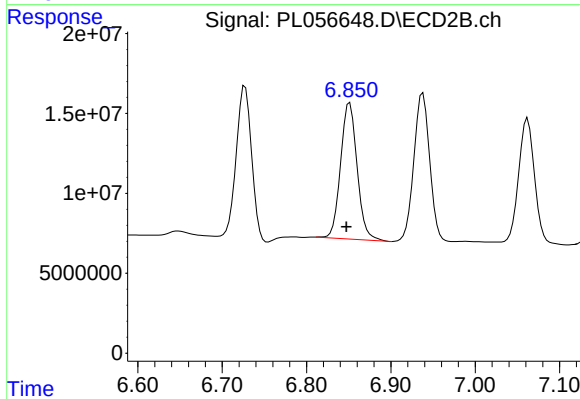
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: 0.003 min
Response: 121183904
Conc: 47.59 ng/ml



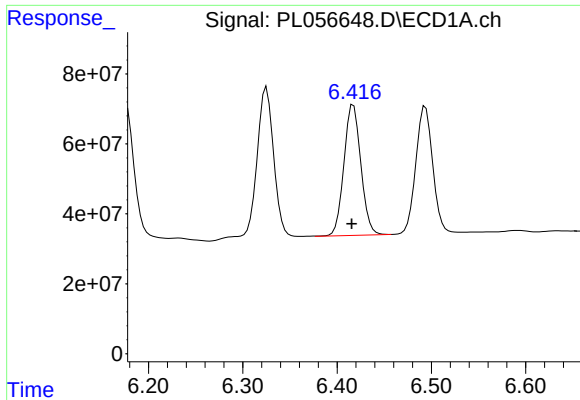
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 480365989
Conc: 50.76 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.004 min
Response: 116056803
Conc: 51.31 ng/ml



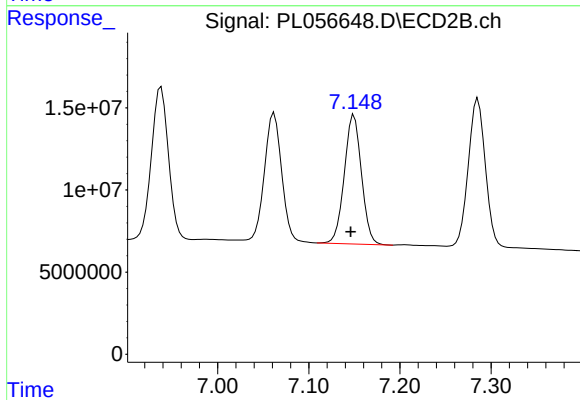
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 466739435
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

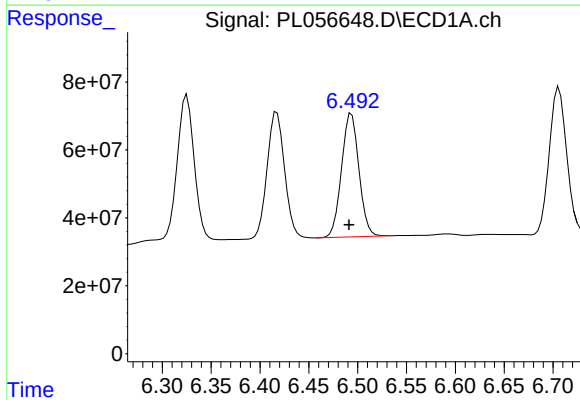
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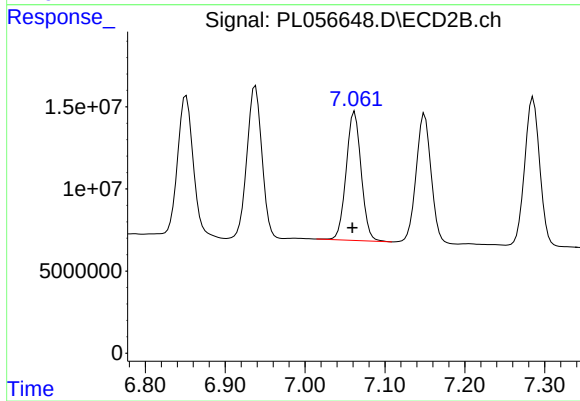
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.004 min
Response: 102799294
Conc: 48.66 ng/ml



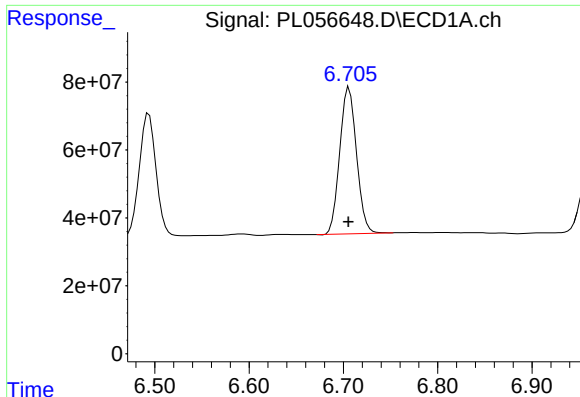
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: 0.002 min
Response: 450511454
Conc: 46.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 102612333
Conc: 48.21 ng/ml



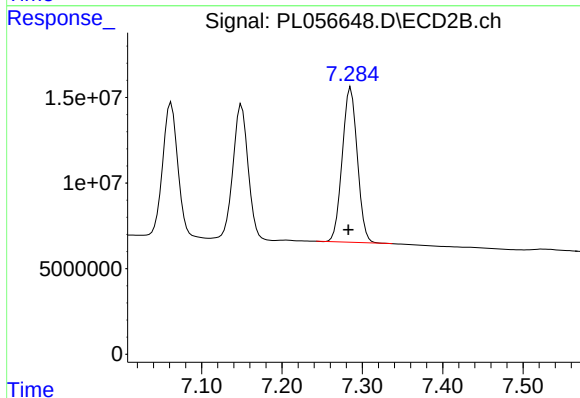
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 533466957
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

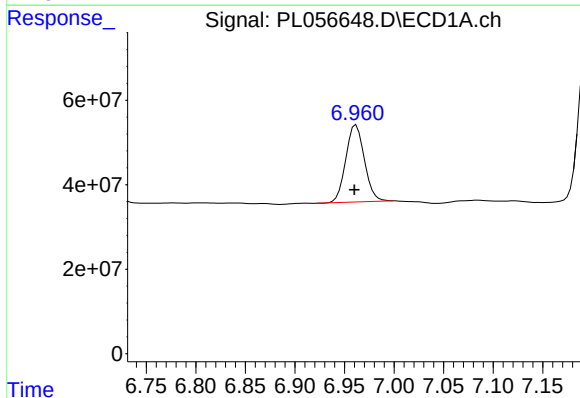
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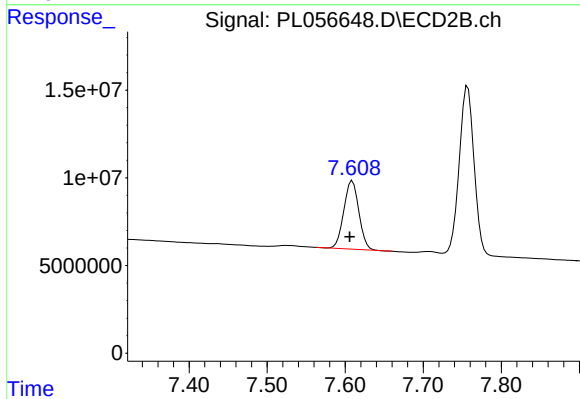
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 118038490
Conc: 49.81 ng/ml



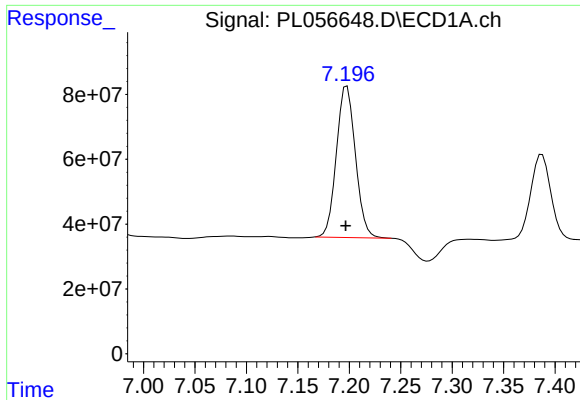
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 239033304
Conc: 48.58 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.003 min
Response: 52400279
Conc: 45.62 ng/ml



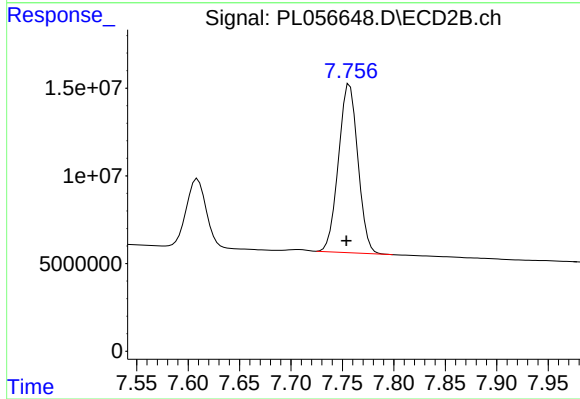
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 600654648
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

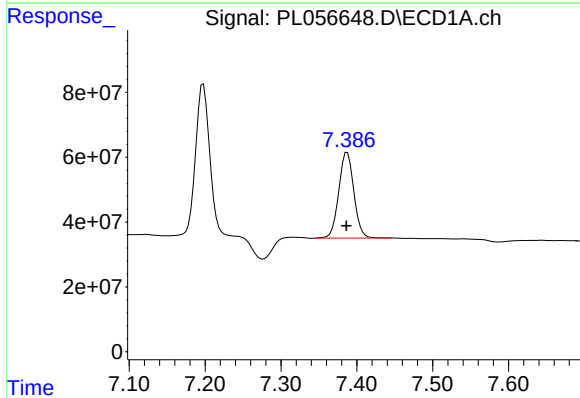
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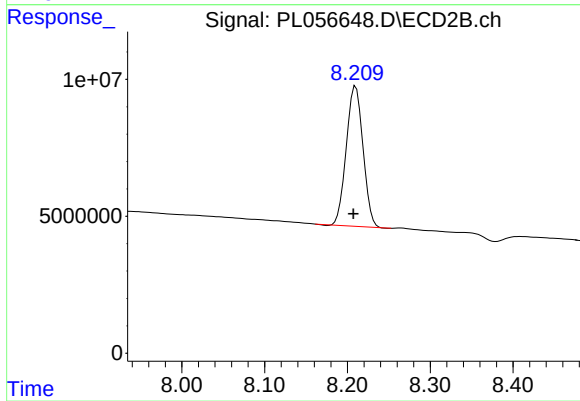
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.002 min
Response: 126475033
Conc: 50.33 ng/ml m



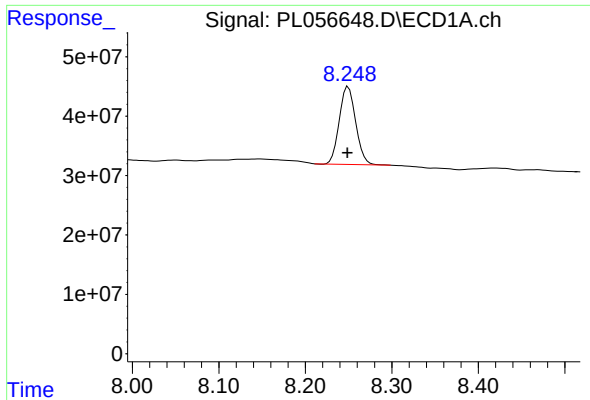
#22 Mirex

R.T.: 7.387 min
Delta R.T.: 0.001 min
Response: 365629142
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.003 min
Response: 71989988
Conc: 44.58 ng/ml



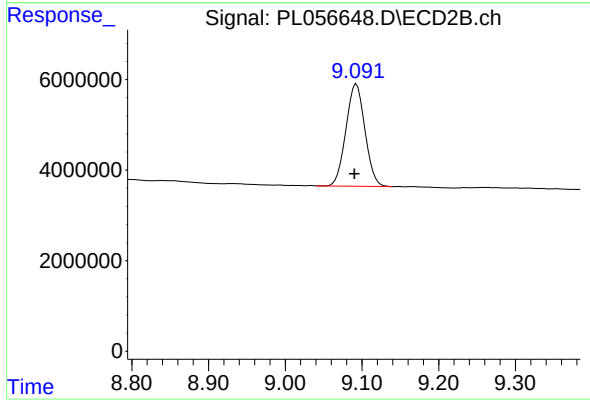
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: 0.001 min
Response: 171389500
Conc: 17.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126907BSD

Manual Integrations
APPROVED

mohammad
2/21/2020 3:45:44 PM



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.003 min
Response: 39114268
Conc: 19.18 ng/ml