

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021820\
 Data File : PL056632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2020 16:15
 Operator : AJ\MA
 Sample : PB126893BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126893BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 01:29:03 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	4.020	159.3E6	48831200	18.055	17.950
28)	SA Decachlor...	8.250	9.092	173.6E6	38480904	18.121	18.865
Target Compounds							
2)	A alpha-BHC	3.935	4.410	691.2E6	176.4E6	45.081	43.333
3)	MA gamma-BHC...	4.219	4.694	644.7E6	162.0E6	45.692	42.634
4)	MA Heptachlor	4.520	5.200	646.6E6	143.8E6	44.427	42.775m
5)	MB Aldrin	4.769	5.506	660.3E6	145.0E6	46.336	44.710
6)	B beta-BHC	4.469	4.866	277.2E6	69128555	48.580	47.751
7)	B delta-BHC	4.675	5.083	635.6E6	146.0E6	45.404	49.549
8)	B Heptachlo...	5.212	5.893	625.6E6	133.9E6	46.736	47.864
9)	A Endosulfan I	5.552	6.251	597.2E6	125.0E6	47.592	44.971
10)	B gamma-Chl...	5.439	6.128	639.9E6	132.6E6	46.520	45.325
11)	B alpha-Chl...	5.497	6.200	618.9E6	130.2E6	45.439	44.316
12)	B 4,4'-DDE	5.661	6.359	616.2E6	126.7E6	48.458	45.208
13)	MA Dieldrin	5.795	6.507	652.1E6	131.5E6	48.887	45.200
14)	MA Endrin	6.053	6.726	552.5E6	105.5E6	47.171	43.300
15)	B Endosulfa...	6.325	6.937	527.7E6	109.6E6	50.132	43.038
16)	A 4,4'-DDD	6.177	6.851	490.6E6	103.9E6	51.844	45.929
17)	MA 4,4'-DDT	6.417	7.148	444.8E6	88166037	46.933	41.737
18)	B Endrin al...	6.494	7.061	456.1E6	95315380	47.527	44.784
19)	B Endosulfa...	6.706	7.285	529.6E6	107.3E6	49.748	45.265
20)	A Methoxychlor	6.962	7.608	215.5E6	47206635	43.800	41.099
21)	B Endrin ke...	7.198	7.756	555.7E6	115.8E6	46.471	46.096
22)	Mirex	7.387	8.209	364.8E6	77391795	49.156	47.921

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021820\
Data File : PL056632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2020 16:15
Operator : AJ\MA
Sample : PB126893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

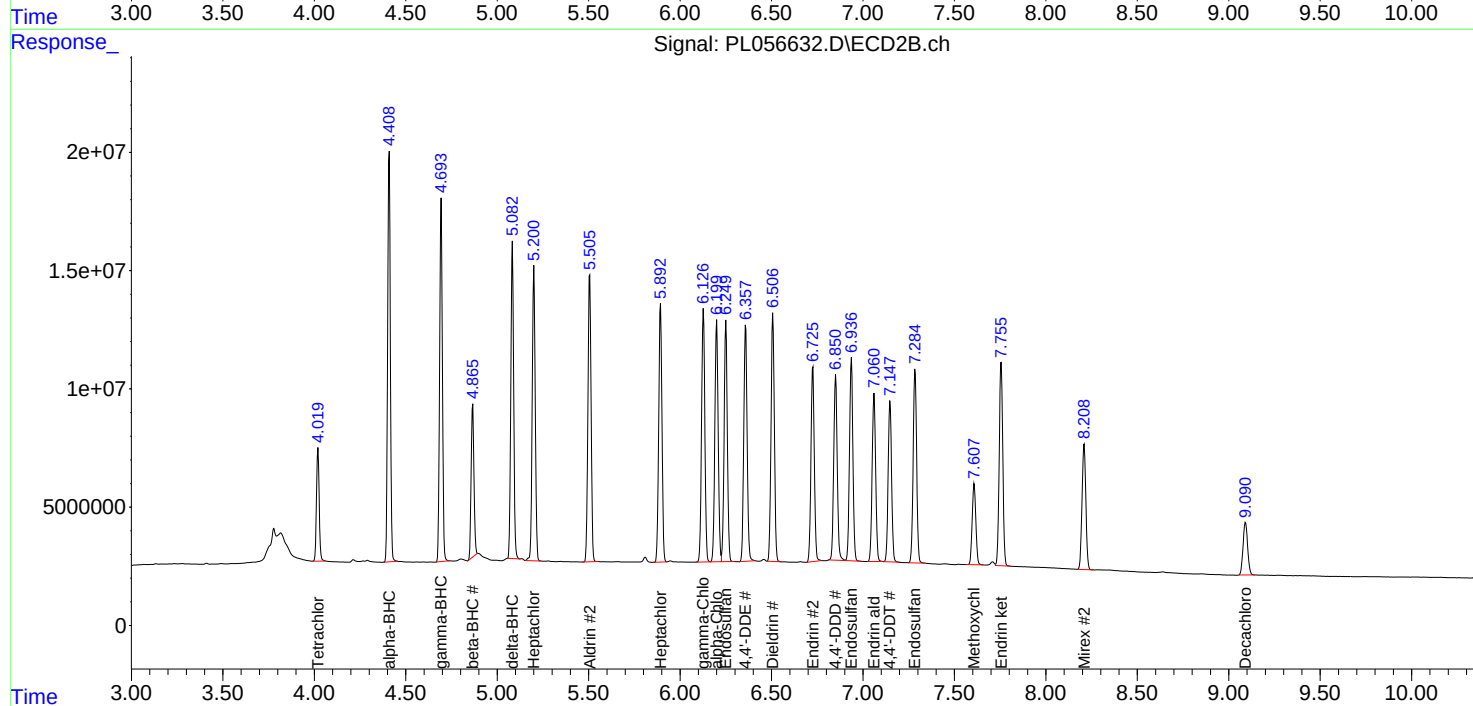
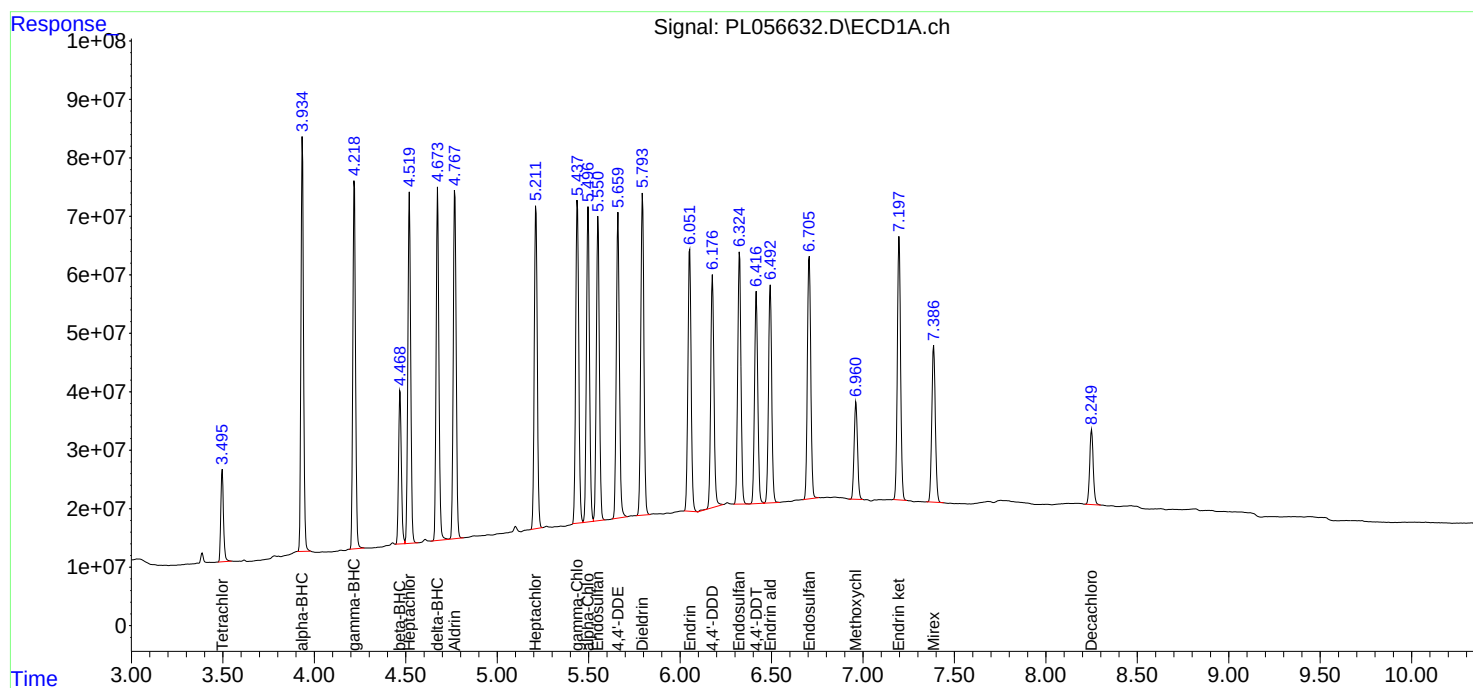
Instrument :
ECD_L
ClientSampleId :
PB126893BS

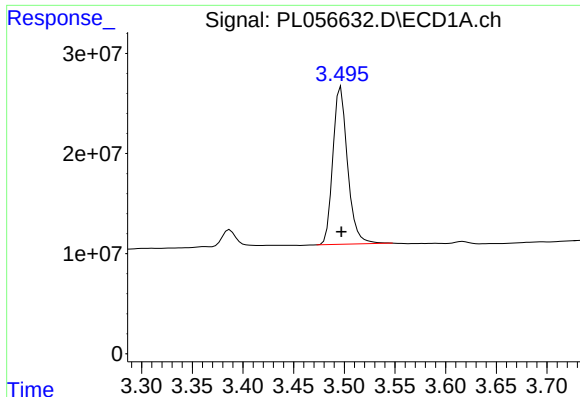
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 01:29:03 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021220.M
Quant Title : GC Extractables
QLast Update : Thu Feb 13 05:32:36 2020
Response 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





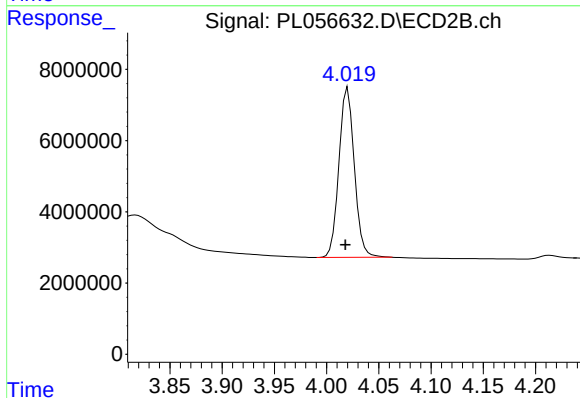
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 159307266
Conc: 18.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

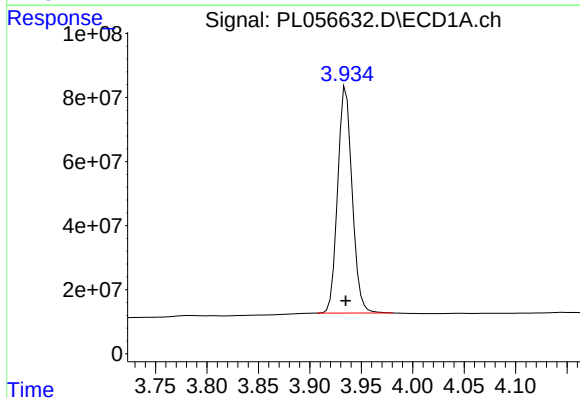
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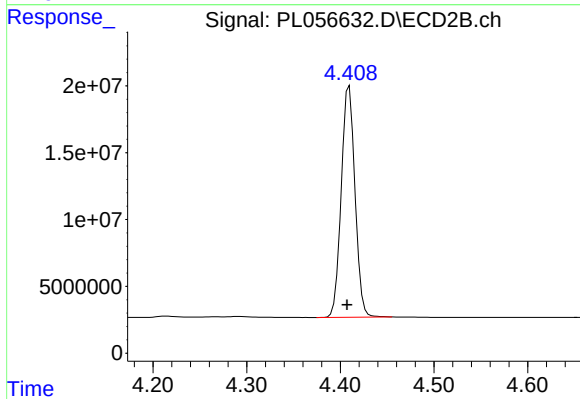
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.002 min
Response: 48831200
Conc: 17.95 ng/ml



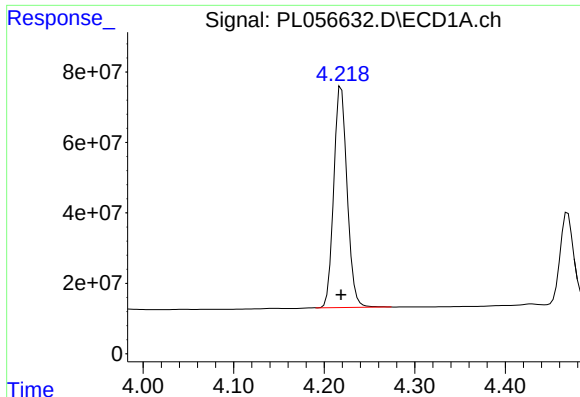
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 691163825
Conc: 45.08 ng/ml



#2 alpha-BHC

R.T.: 4.410 min
Delta R.T.: 0.002 min
Response: 176448205
Conc: 43.33 ng/ml



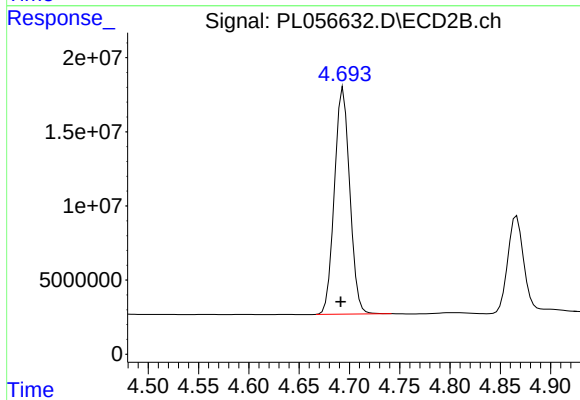
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 644674447
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

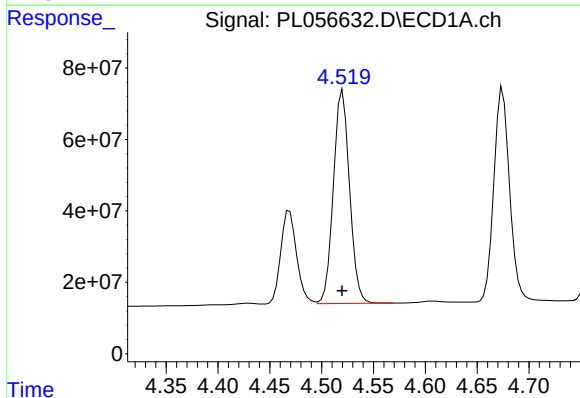
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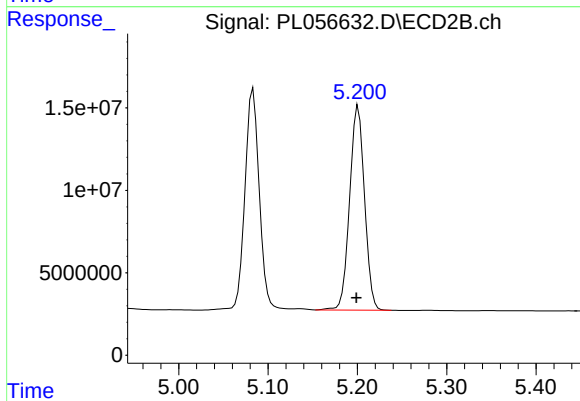
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.003 min
Response: 162033687
Conc: 42.63 ng/ml



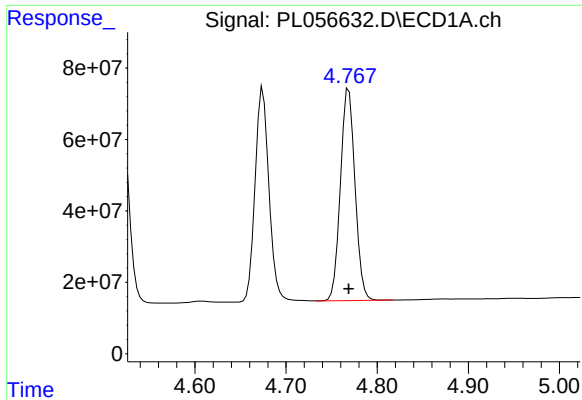
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 646649404
Conc: 44.43 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 143807106
Conc: 42.77 ng/ml m



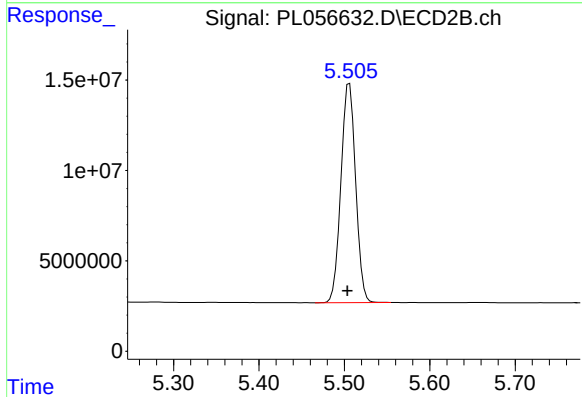
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 660336908
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

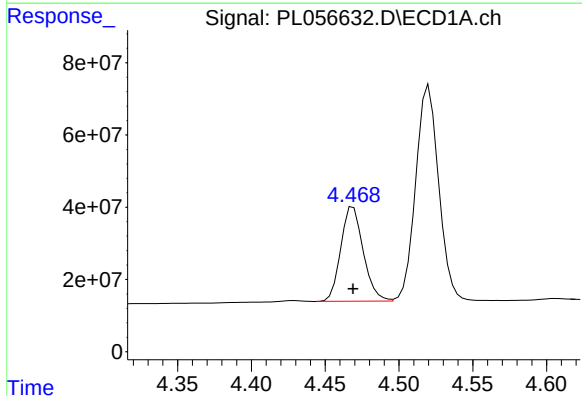
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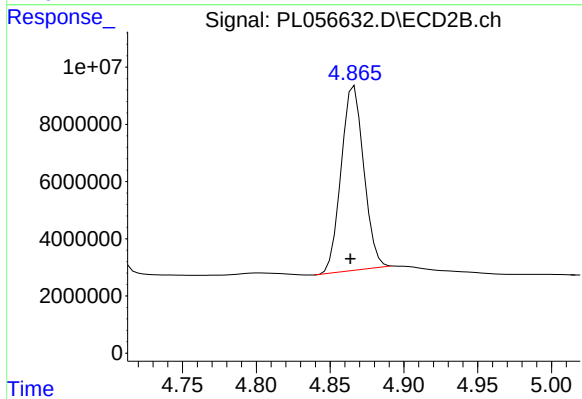
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 144994381
Conc: 44.71 ng/ml



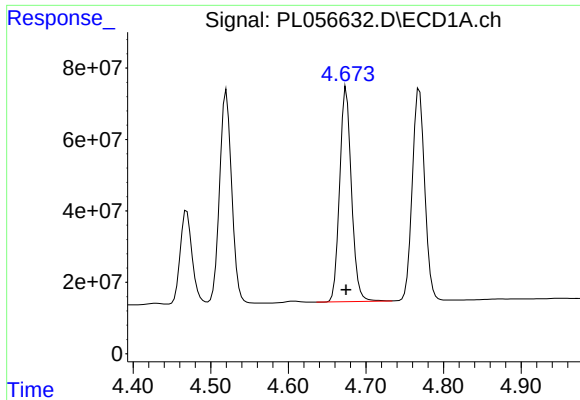
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 277195101
Conc: 48.58 ng/ml



#6 beta-BHC

R.T.: 4.866 min
Delta R.T.: 0.003 min
Response: 69128555
Conc: 47.75 ng/ml



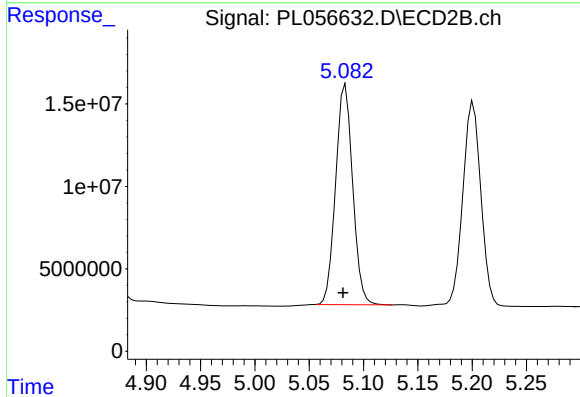
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 635552651
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

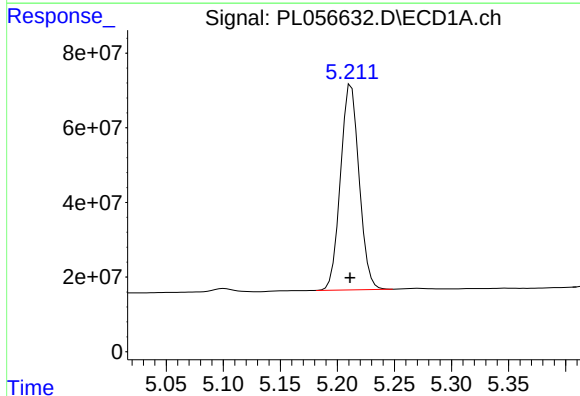
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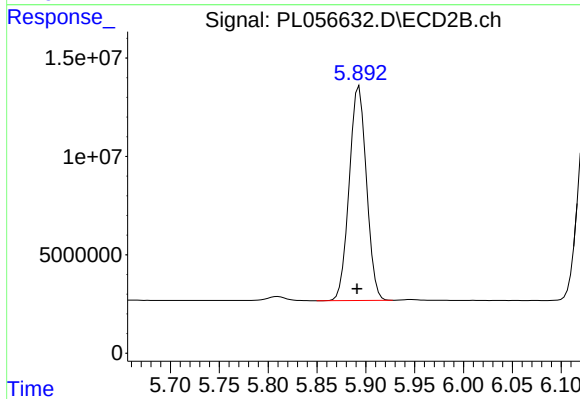
#7 delta-BHC

R.T.: 5.083 min
Delta R.T.: 0.002 min
Response: 145981618
Conc: 49.55 ng/ml



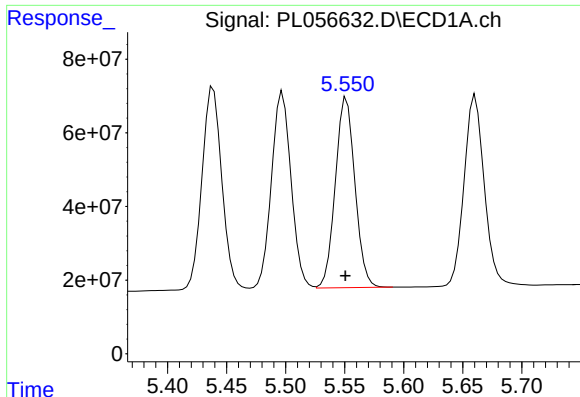
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 625562901
Conc: 46.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.002 min
Response: 133898948
Conc: 47.86 ng/ml



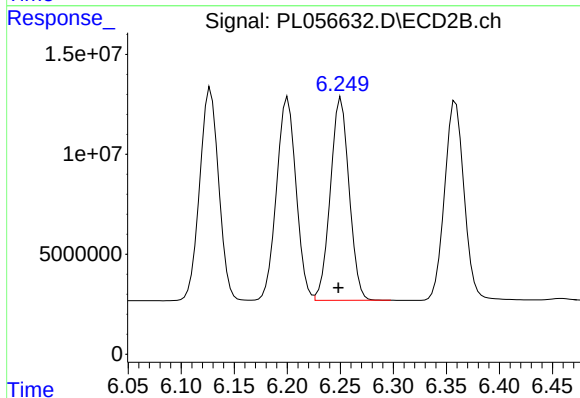
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.001 min
Response: 597157979
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

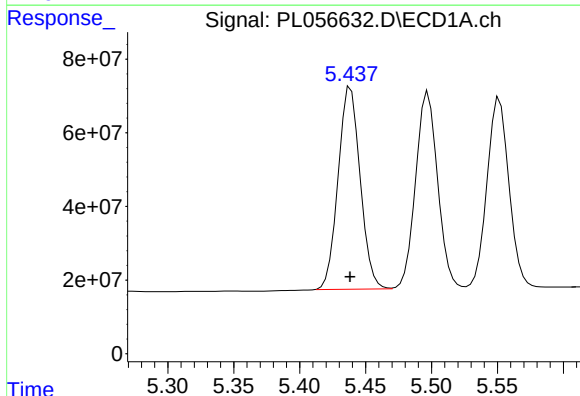
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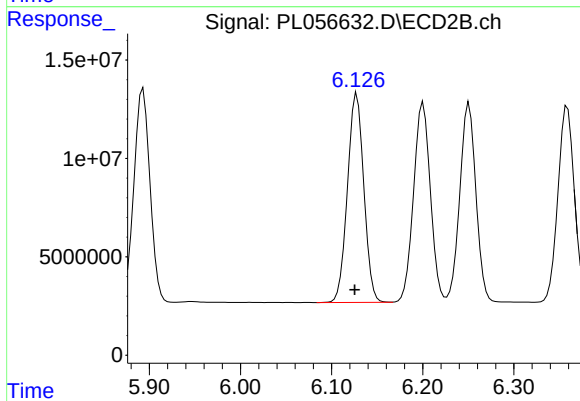
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.003 min
Response: 125038008
Conc: 44.97 ng/ml



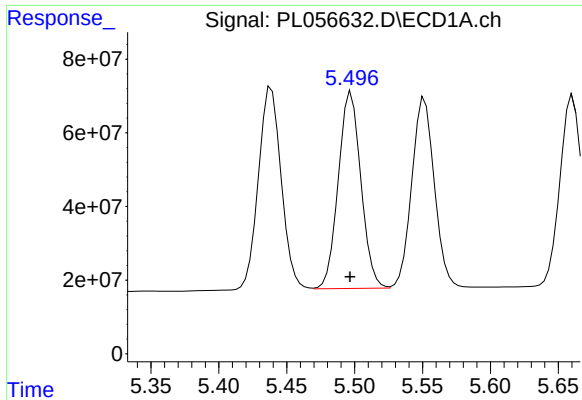
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 639898282
Conc: 46.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 132573260
Conc: 45.33 ng/ml



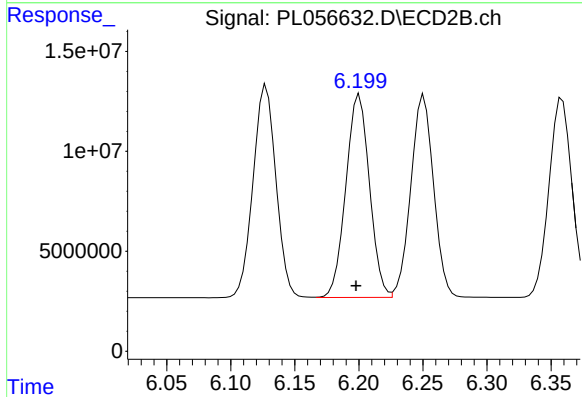
#11 alpha-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 618898949
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

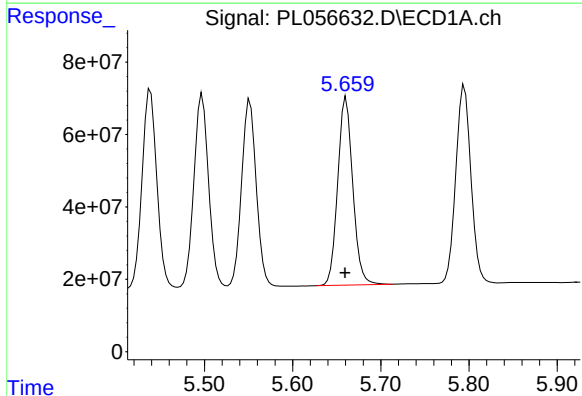
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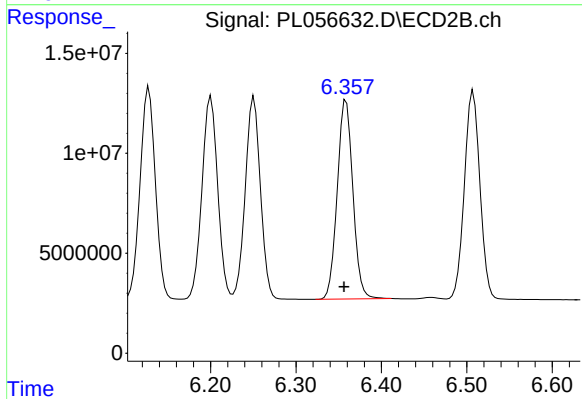
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 130171121
Conc: 44.32 ng/ml



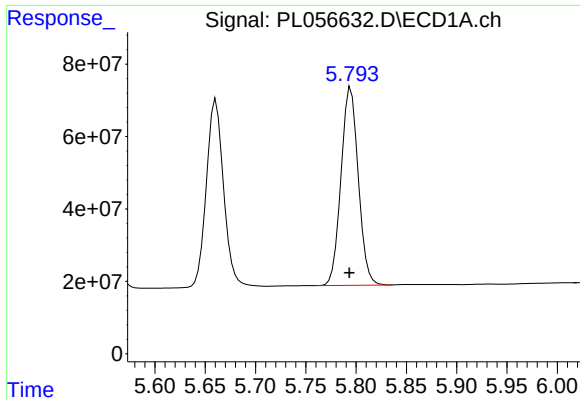
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 616150636
Conc: 48.46 ng/ml



#12 4,4'-DDE

R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 126677851
Conc: 45.21 ng/ml



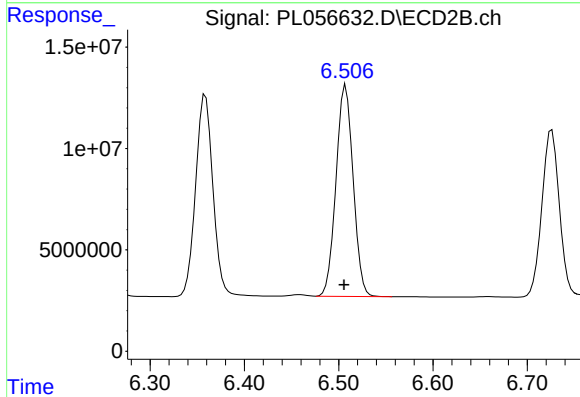
#13 Dieldrin

R.T.: 5.795 min
Delta R.T.: 0.001 min
Response: 652132614
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

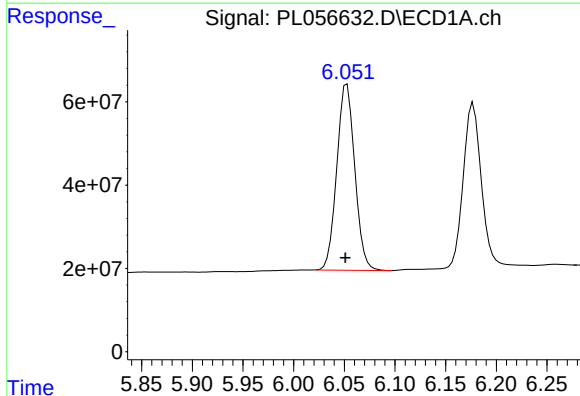
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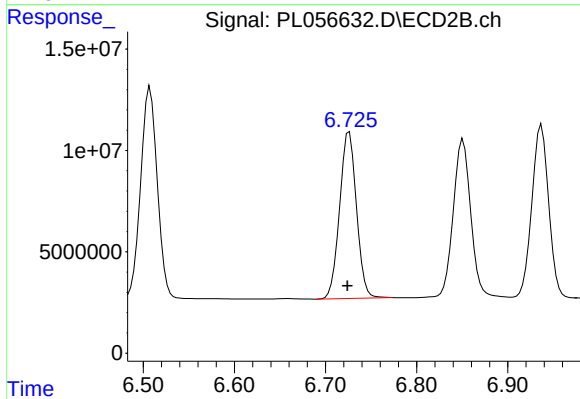
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: 0.002 min
Response: 131547704
Conc: 45.20 ng/ml



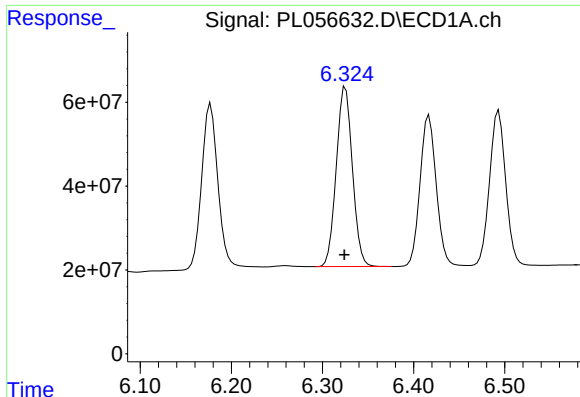
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.002 min
Response: 552498874
Conc: 47.17 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 105472592
Conc: 43.30 ng/ml



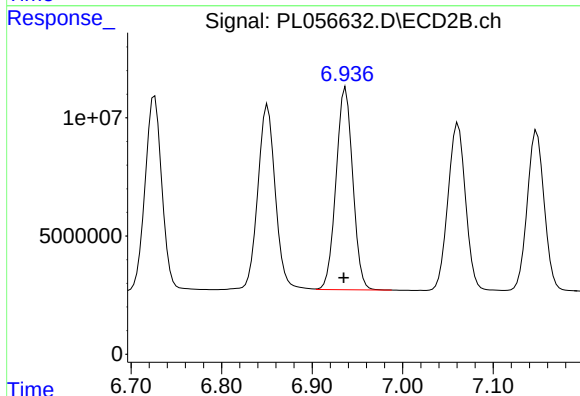
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 527664412
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

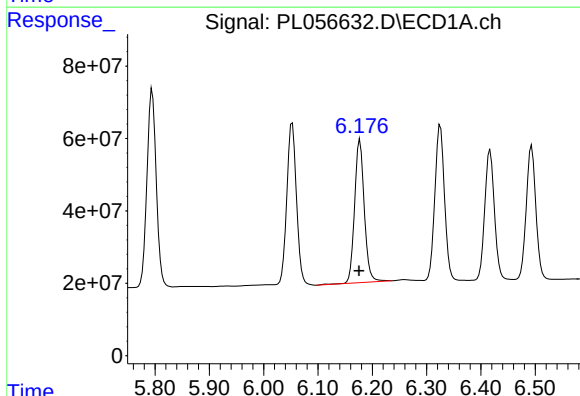
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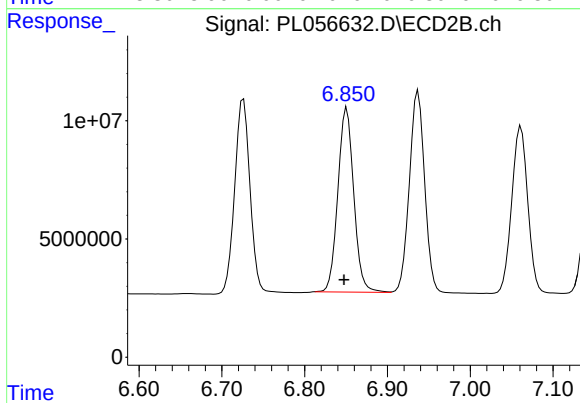
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 109602369
Conc: 43.04 ng/ml



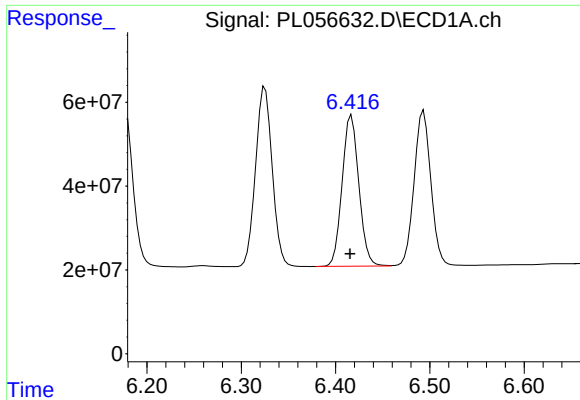
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 490622897
Conc: 51.84 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.004 min
Response: 103878076
Conc: 45.93 ng/ml



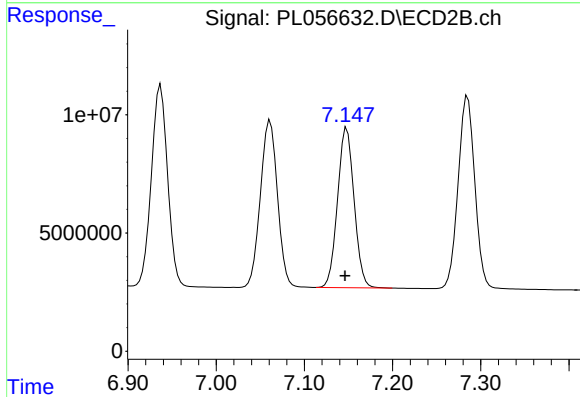
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 444791490
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

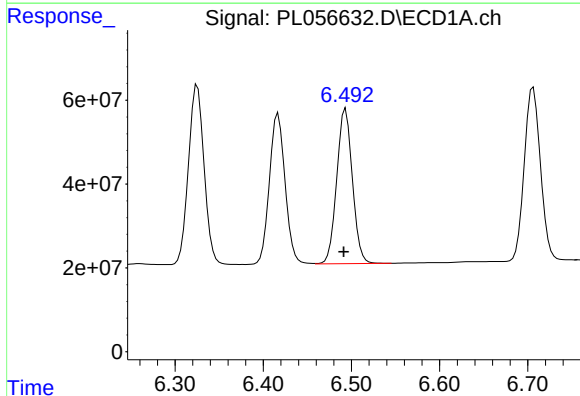
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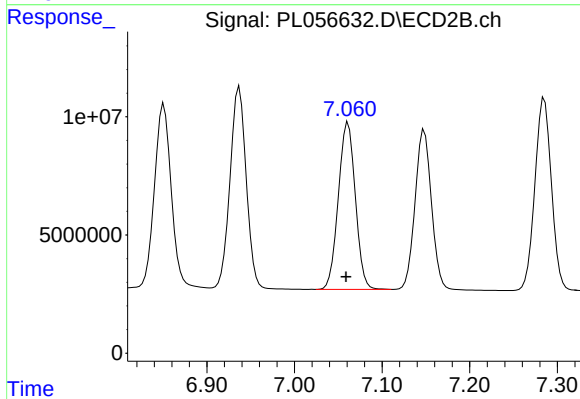
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 88166037
Conc: 41.74 ng/ml



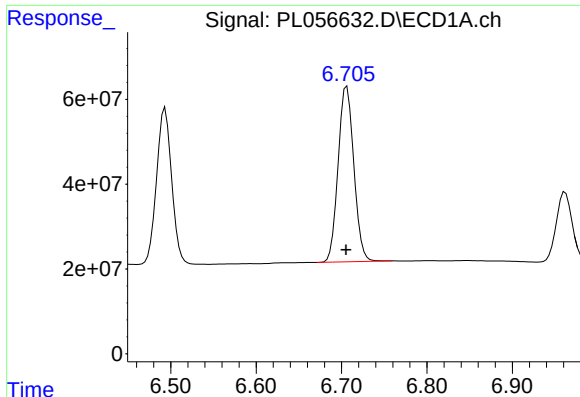
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: 0.002 min
Response: 456085930
Conc: 47.53 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 95315380
Conc: 44.78 ng/ml



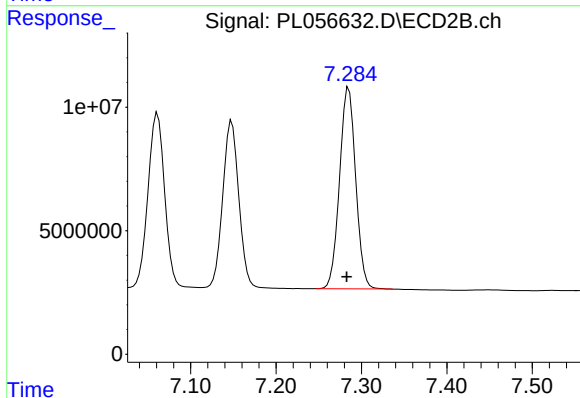
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 529590464
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

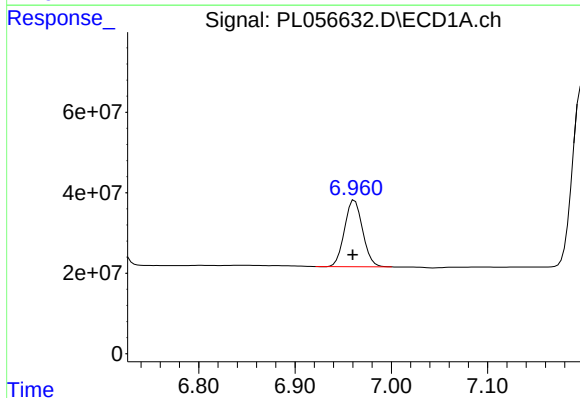
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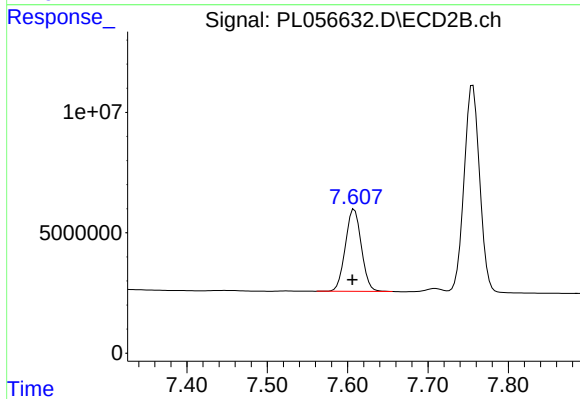
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 107269558
Conc: 45.26 ng/ml



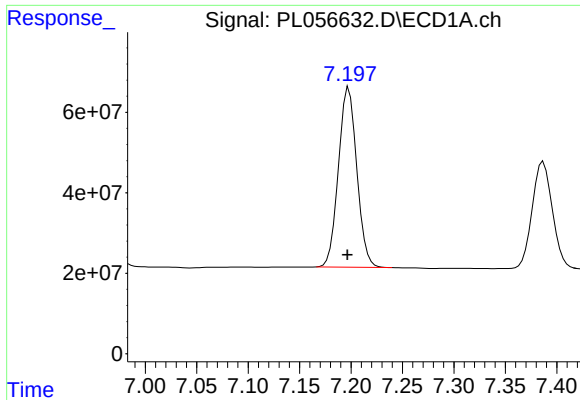
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 215526791
Conc: 43.80 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.003 min
Response: 47206635
Conc: 41.10 ng/ml



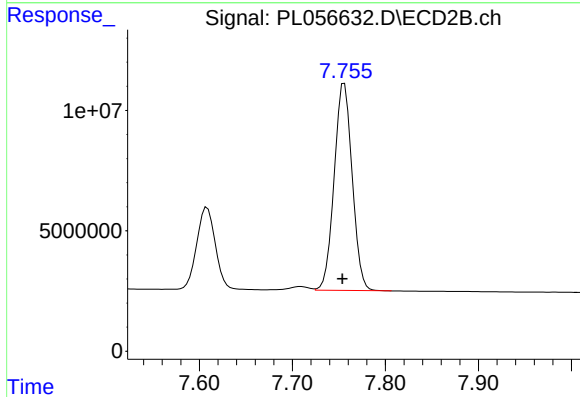
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 555684866
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

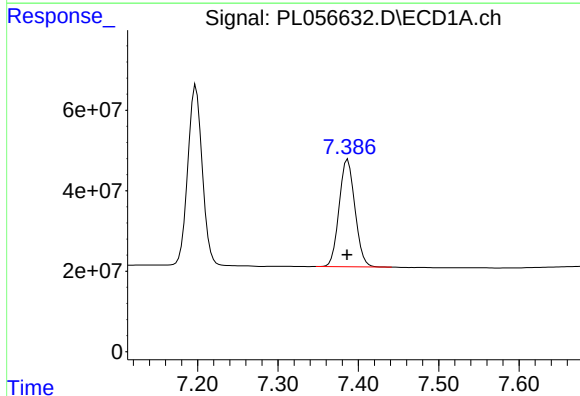
Manual Integrations
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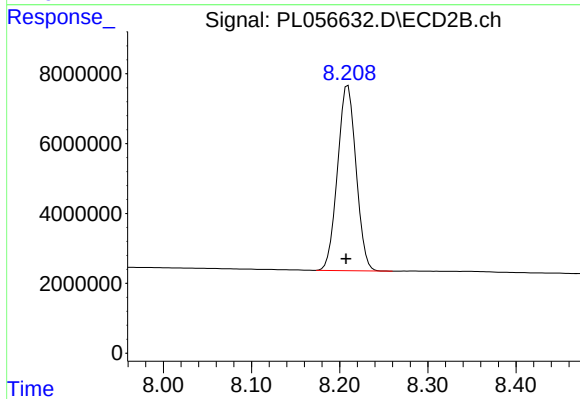
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.002 min
Response: 115826247
Conc: 46.10 ng/ml



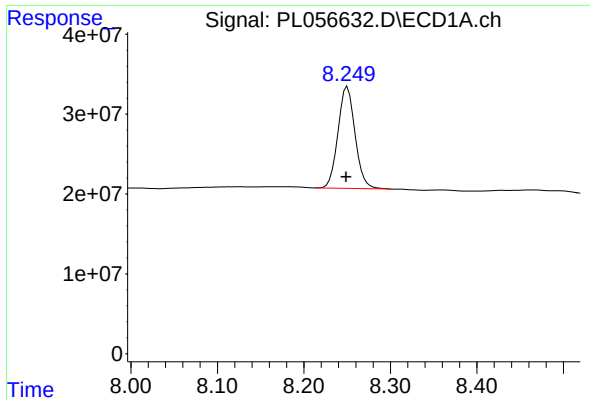
#22 Mirex

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 364783075
Conc: 49.16 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 77391795
Conc: 47.92 ng/ml



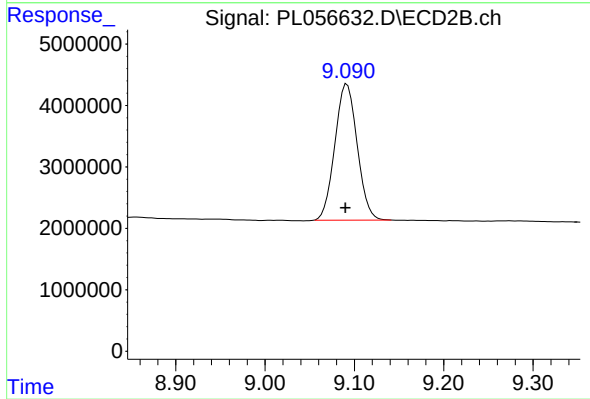
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: 0.002 min
Response: 173584984
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126893BS

Manual Integrations
APPROVED

mohammad
2/21/2020 3:45:35 PM



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.002 min
Response: 38480904
Conc: 18.87 ng/ml