

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031420\
 Data File : PL057379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2020 03:17
 Operator : AJ\MA
 Sample : L1761-10MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-01-031220MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 03:34:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 14 00:45:03 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...	3.459	3.957	161.2E6	36628563	17.387	16.883
28)	SA Decachlor...	8.206	8.978	121.4E6	27749737	11.477	12.515
Target Compounds							
2)	A alpha-BHC	3.896	4.345	749.0E6	150.6E6	47.022	46.897
3)	MA gamma-BHC...	4.179	4.625	765.4E6	142.1E6	53.256	45.298m
4)	MA Heptachlor	4.480	5.128	681.7E6	141.8E6	45.897	45.044
5)	MB Aldrin	4.728	5.430	659.6E6	131.7E6	47.816	43.167
6)	B beta-BHC	4.431	4.800	294.1E6	68936779	50.030	47.795
7)	B delta-BHC	4.635	5.013	676.0E6	88151023	48.163	33.021 #
8)	B Heptachlo...	5.170	5.814	611.7E6	113.8E6	47.732	41.720
9)	A Endosulfan I	5.508	6.169	553.5E6	125.7E6	46.548	44.179
10)	B gamma-Chl...	5.397	6.048	607.2E6	133.3E6	46.561	43.253
11)	B alpha-Chl...	5.454	6.120	580.0E6	134.5E6	44.883	43.205
12)	B 4,4'-DDE	5.618	6.279	573.4E6	124.9E6	46.034	43.947
13)	MA Dieldrin	5.751	6.425	583.8E6	131.9E6	46.284	44.602
14)	MA Endrin	6.008	6.641	507.4E6	106.0E6	44.382	43.914
15)	B Endosulfa...	6.281	6.852	478.5E6	111.0E6	44.053	42.247
16)	A 4,4'-DDD	6.132	6.767	429.5E6	102.8E6	43.825m	45.005
17)	MA 4,4'-DDT	6.373	7.064	432.5E6	91870240	43.369	40.335
18)	B Endrin al...	6.449	6.975	406.8E6	94383779	44.053	42.457
19)	B Endosulfa...	6.662	7.198	454.8E6	107.1E6	45.291	43.894
20)	A Methoxychlor	6.918	7.524	207.8E6	51672890	38.730	39.730
21)	B Endrin ke...	7.152	7.666	485.8E6	114.3E6	42.981	44.144
22)	Mirex	7.340	8.115	340.2E6	80644495	42.000	42.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031420\
Data File : PL057379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2020 03:17
Operator : AJ\MA
Sample : L1761-10MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

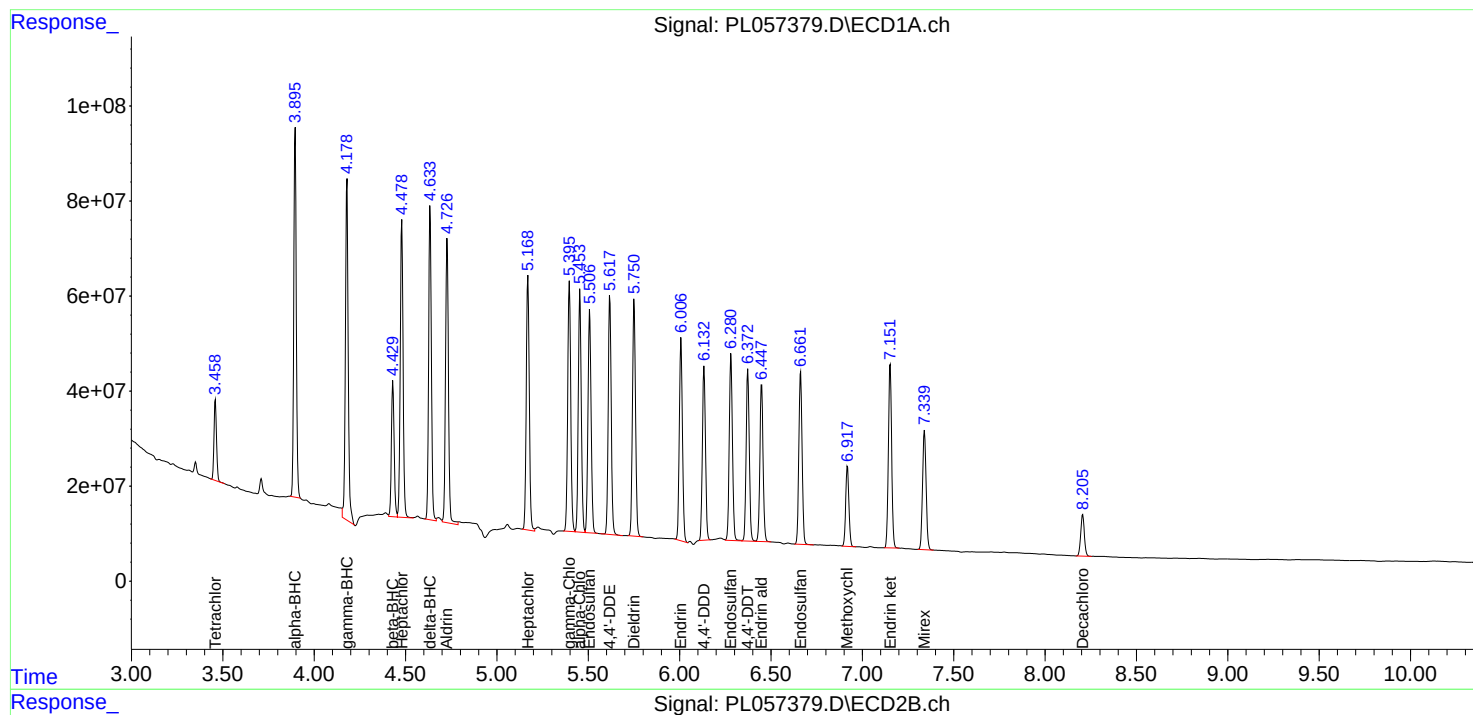
Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

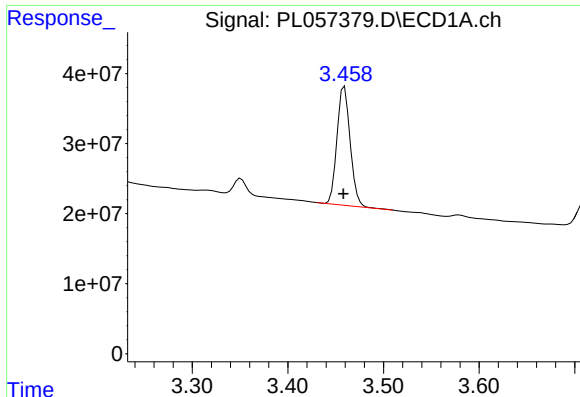
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 03:34:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Sat Mar 14 00:45:03 2020
Response 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





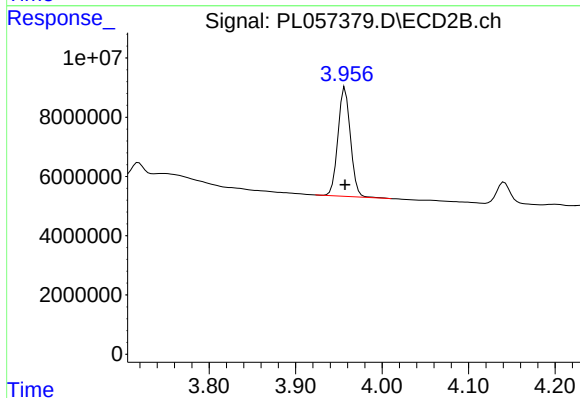
#1 Tetrachloro-m-xylene

R.T.: 3.459 min
Delta R.T.: 0.001 min
Response: 161171333
Conc: 17.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

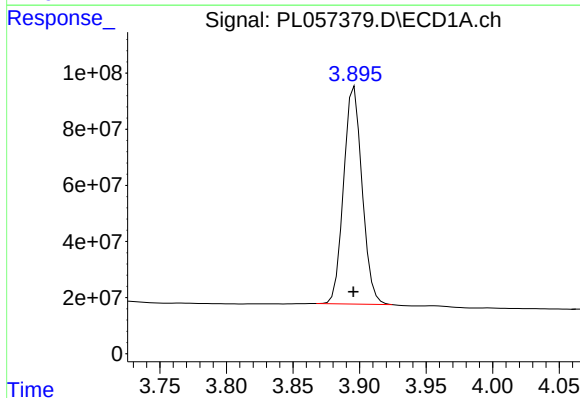
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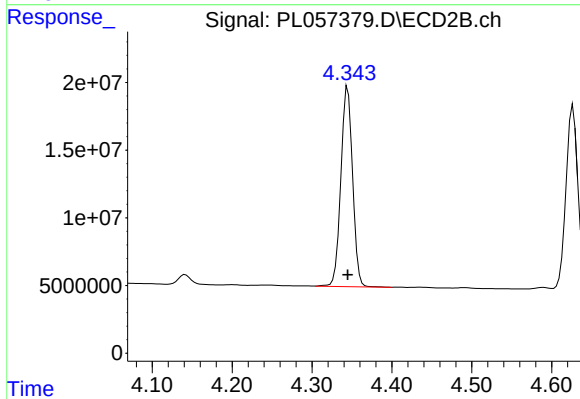
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 36628563
Conc: 16.88 ng/ml



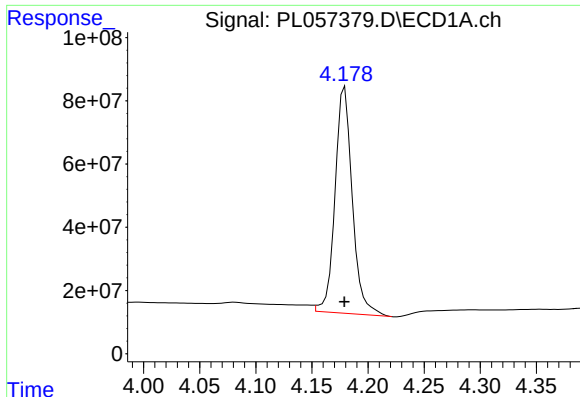
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 749034887
Conc: 47.02 ng/ml



#2 alpha-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 150636546
Conc: 46.90 ng/ml



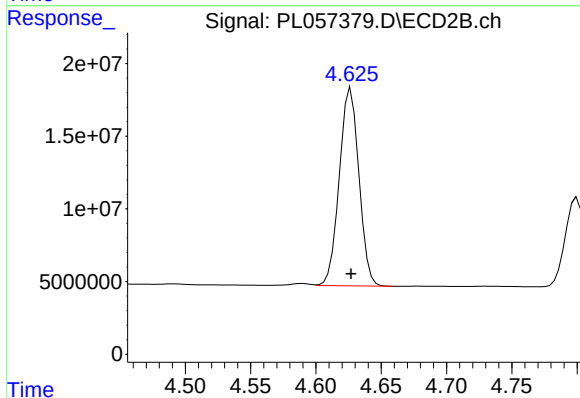
#3 gamma-BHC (Lindane)

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 765433635
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

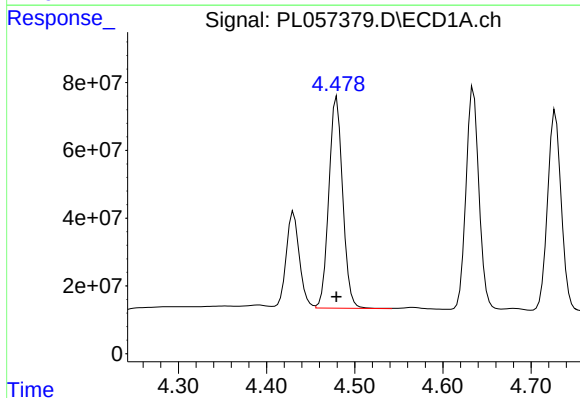
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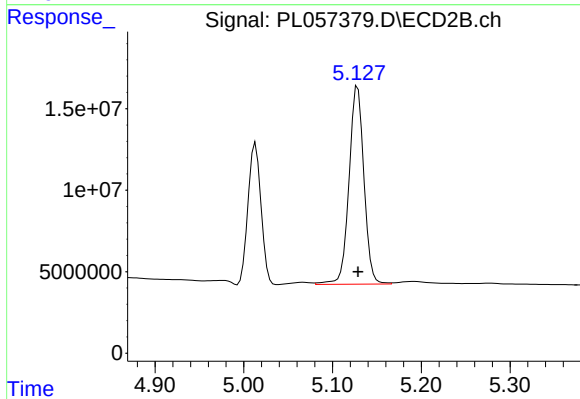
#3 gamma-BHC (Lindane)

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 142118680
Conc: 45.30 ng/ml m



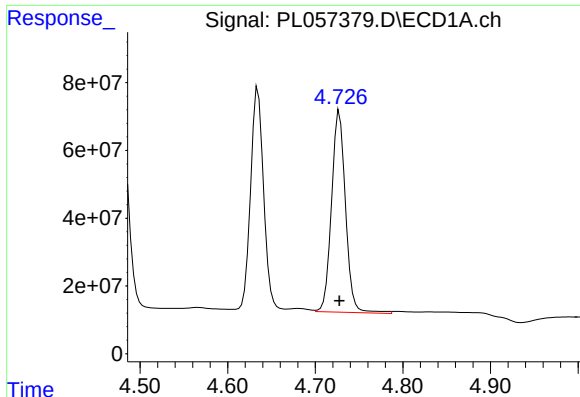
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 681676114
Conc: 45.90 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 141786102
Conc: 45.04 ng/ml



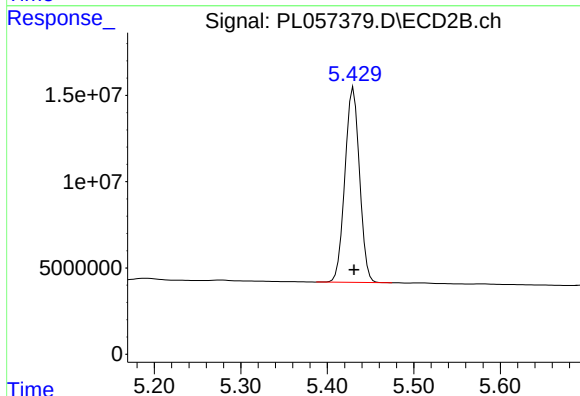
#5 Aldrin

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 659589936
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

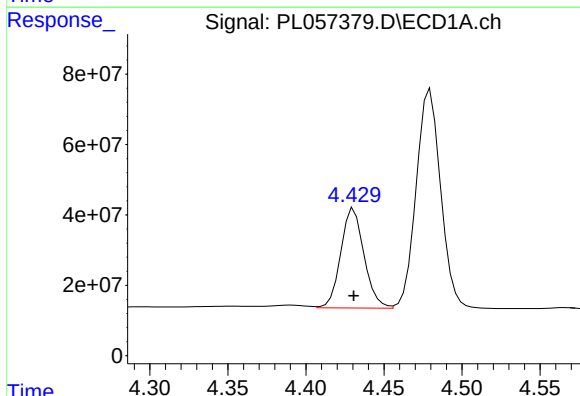
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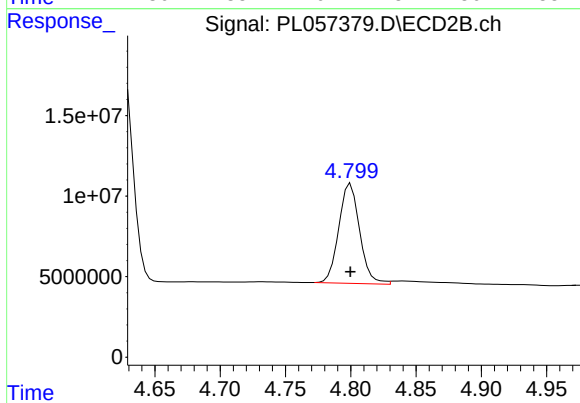
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 131691716
Conc: 43.17 ng/ml



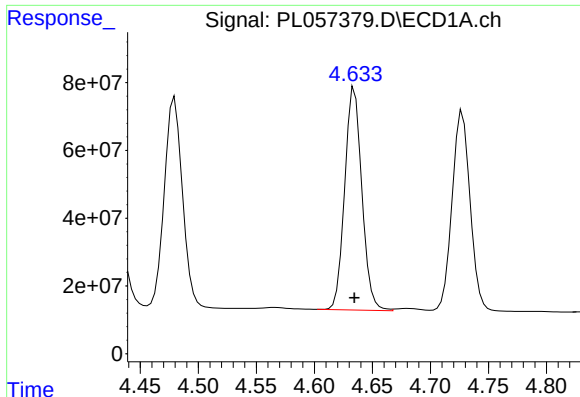
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 294133164
Conc: 50.03 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 68936779
Conc: 47.80 ng/ml



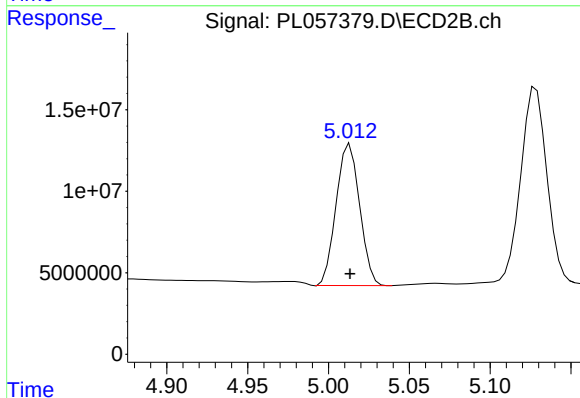
#7 delta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 675970819
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

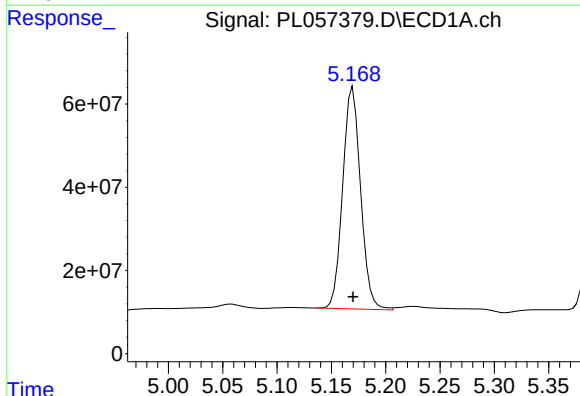
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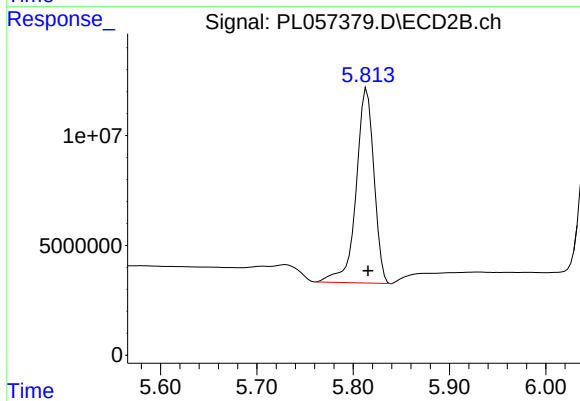
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 88151023
Conc: 33.02 ng/ml



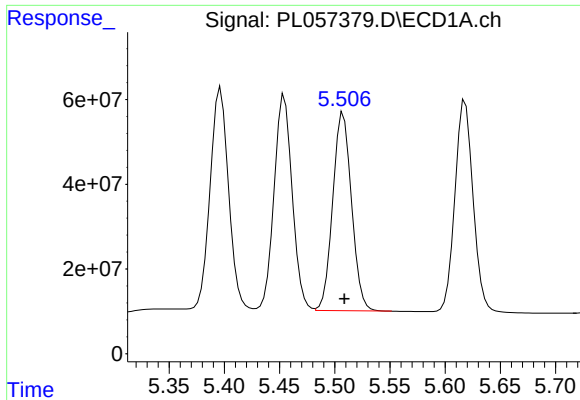
#8 Heptachlor epoxide

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 611727179
Conc: 47.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 113840903
Conc: 41.72 ng/ml



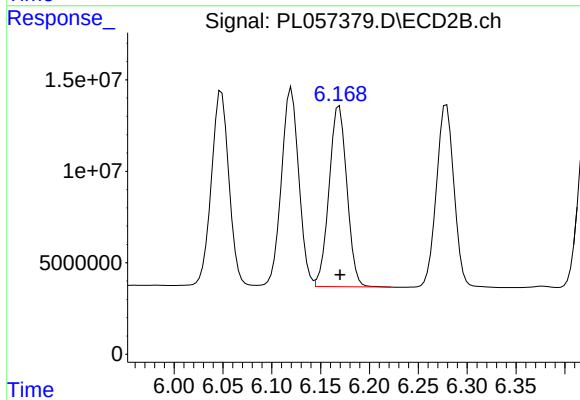
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 553453756
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

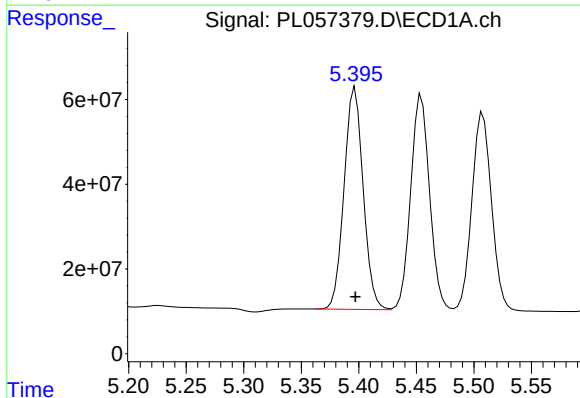
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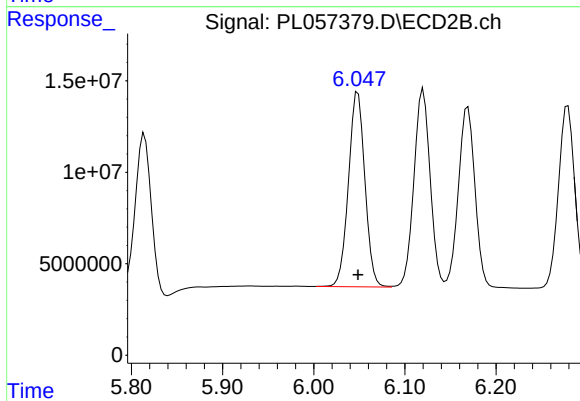
#9 Endosulfan I

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 125703852
Conc: 44.18 ng/ml



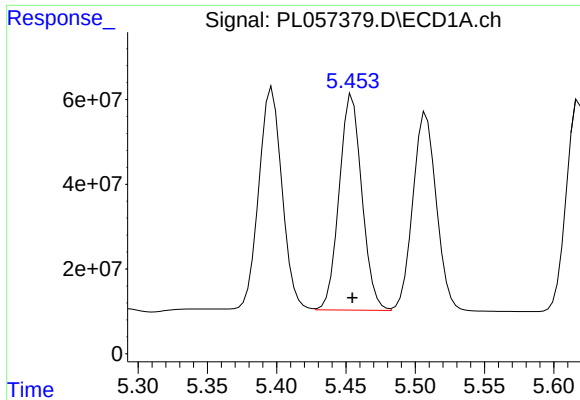
#10 gamma-Chlordane

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 607166218
Conc: 46.56 ng/ml



#10 gamma-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 133310282
Conc: 43.25 ng/ml



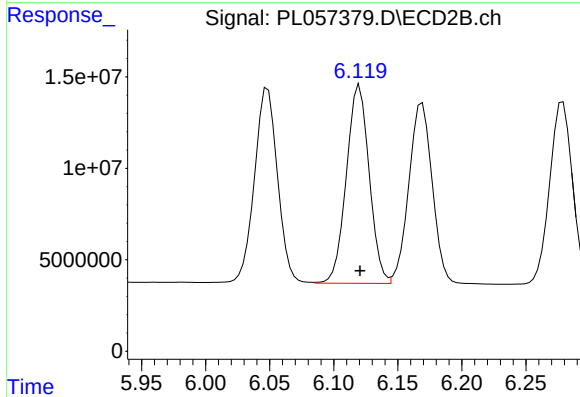
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 580013430
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

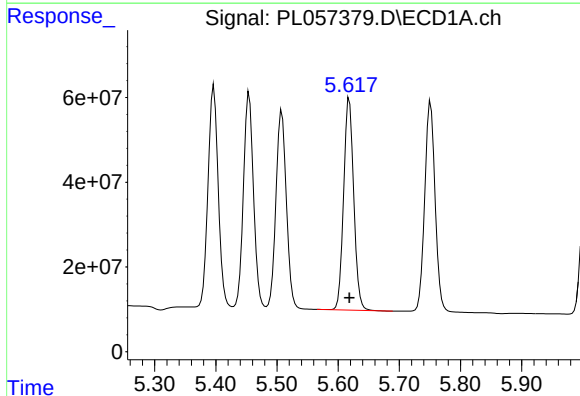
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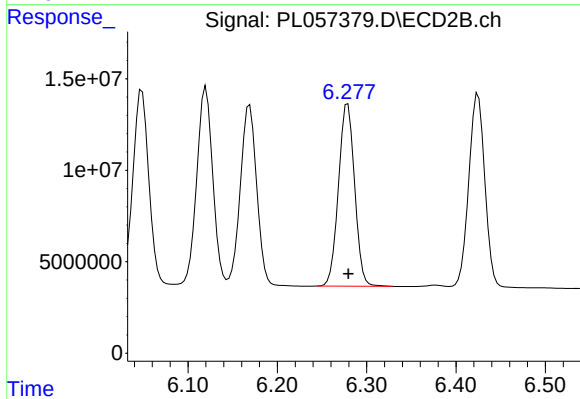
#11 alpha-Chlordane

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 134483347
Conc: 43.21 ng/ml



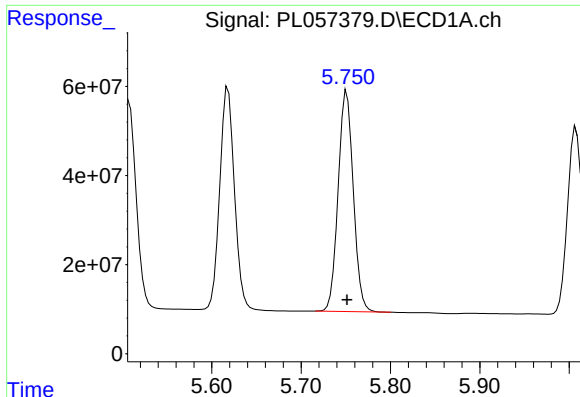
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 573384421
Conc: 46.03 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 124918064
Conc: 43.95 ng/ml



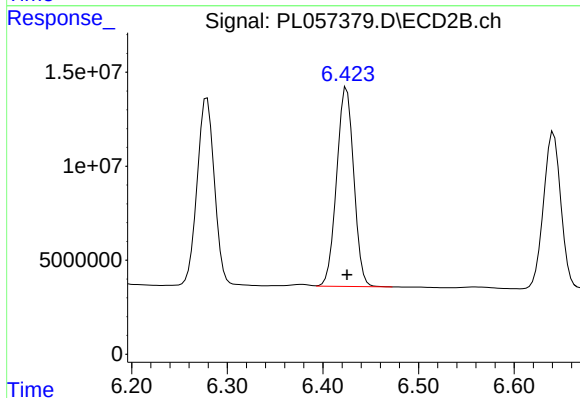
#13 Dieldrin

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 583769373
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

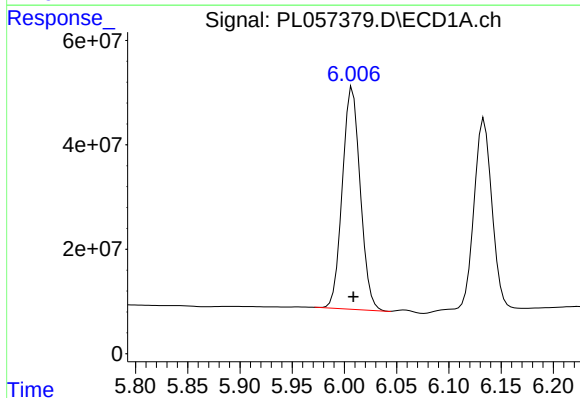
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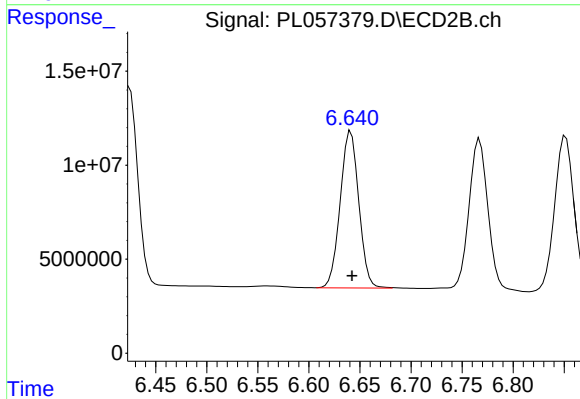
#13 Dieldrin

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 131931362
Conc: 44.60 ng/ml



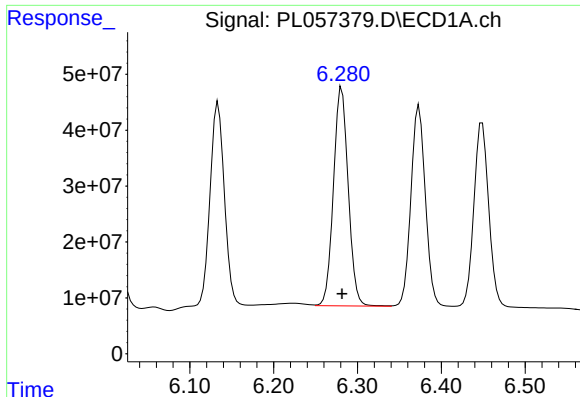
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 507351375
Conc: 44.38 ng/ml



#14 Endrin

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 105953912
Conc: 43.91 ng/ml



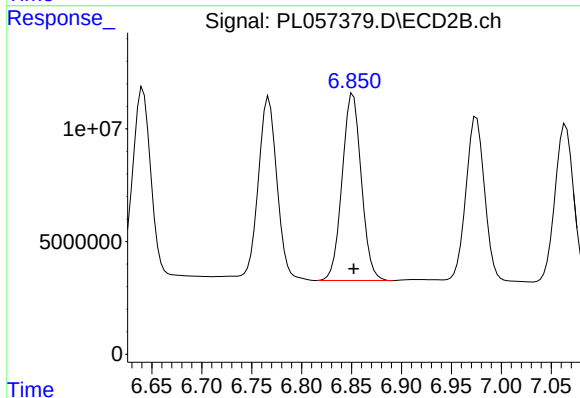
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 478458031
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

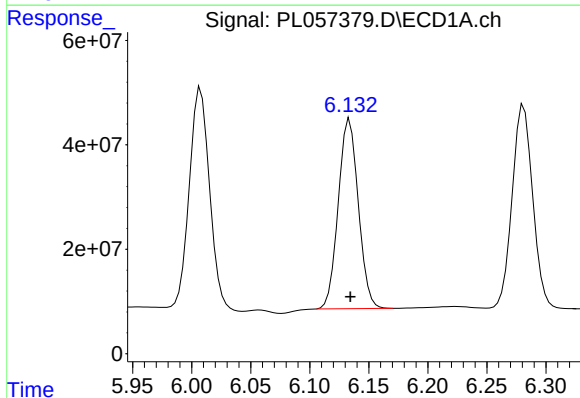
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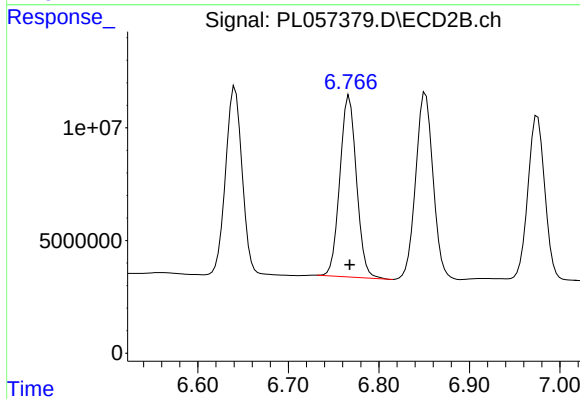
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 110977242
Conc: 42.25 ng/ml



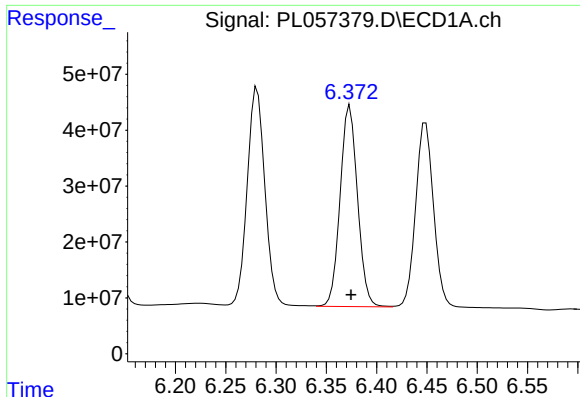
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 429538430
Conc: 43.82 ng/ml m



#16 4,4'-DDD

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 102780168
Conc: 45.01 ng/ml



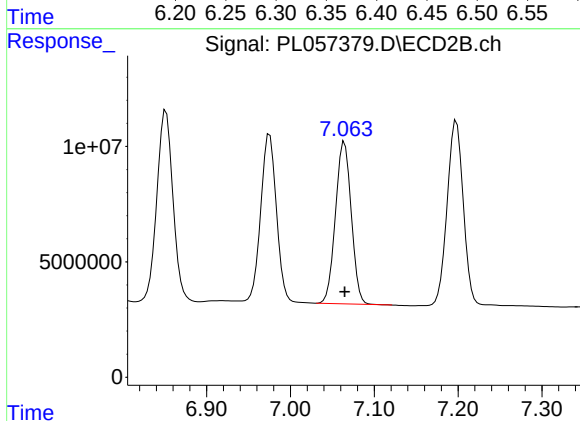
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 432505798
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

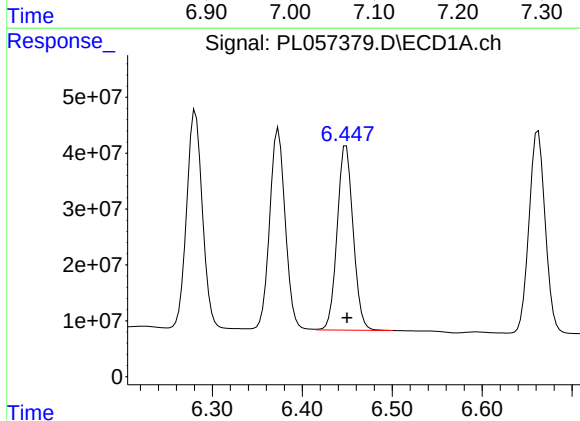
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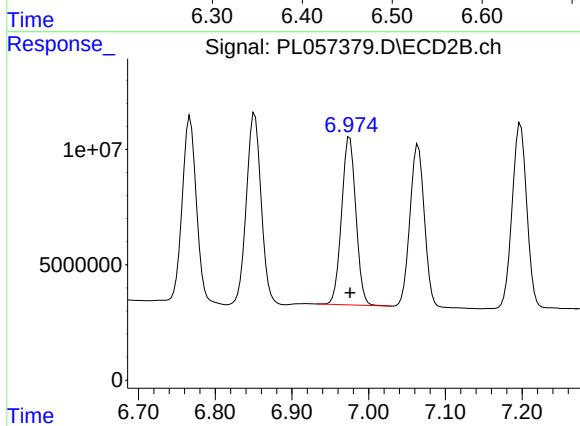
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 91870240
Conc: 40.34 ng/ml



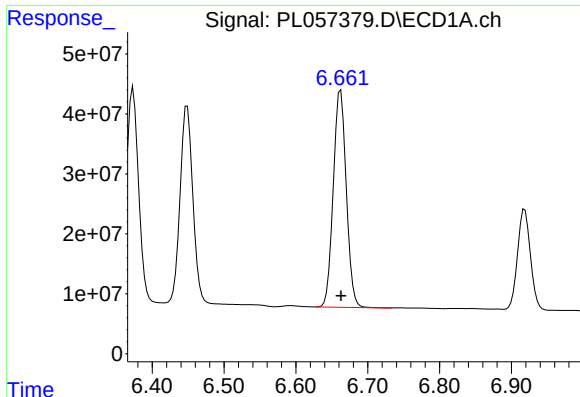
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 406844514
Conc: 44.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 94383779
Conc: 42.46 ng/ml



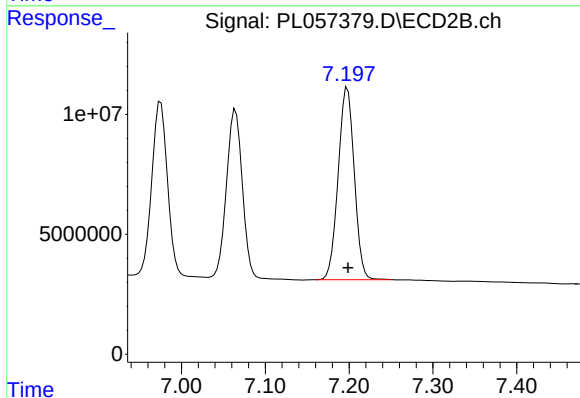
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 454832438
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

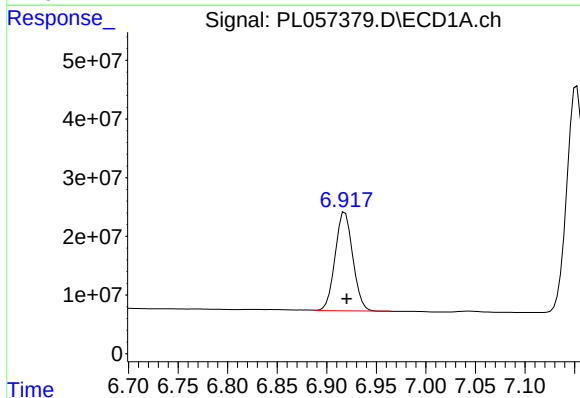
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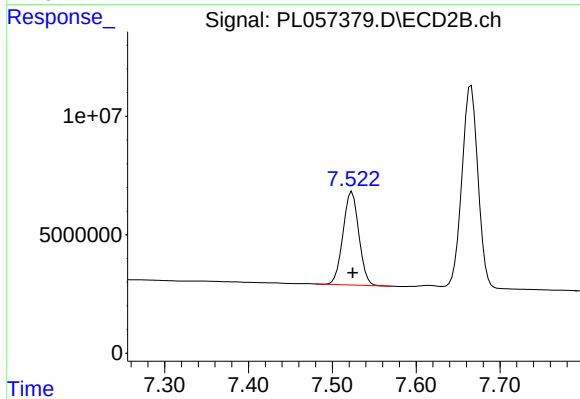
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 107060548
Conc: 43.89 ng/ml



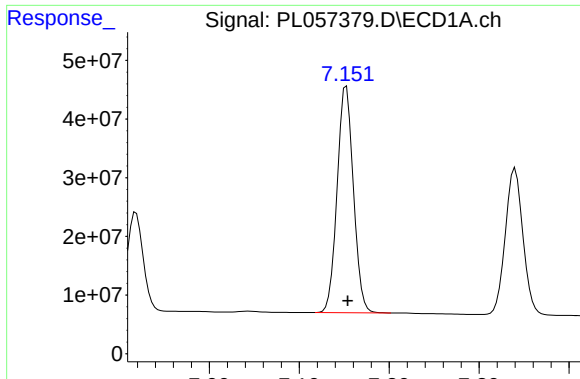
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 207816357
Conc: 38.73 ng/ml



#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 51672890
Conc: 39.73 ng/ml



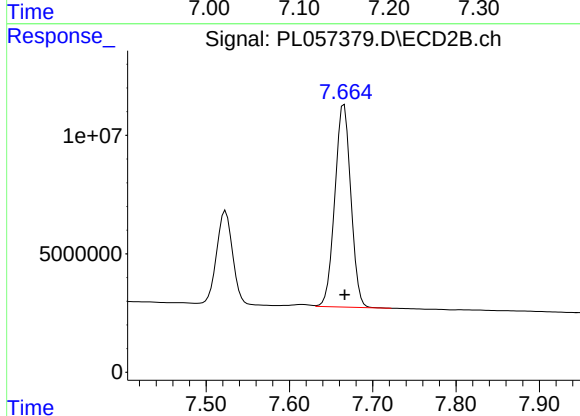
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.001 min
Response: 485795916
Conc: 42.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

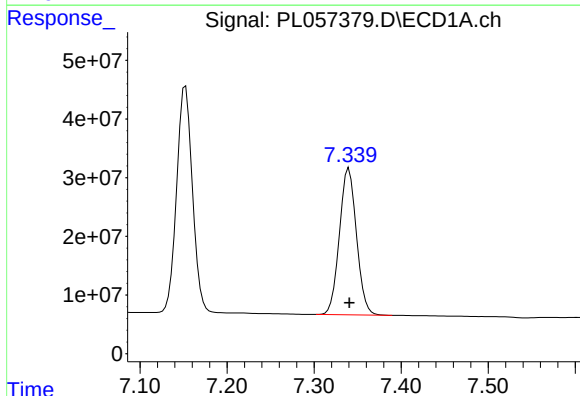
Manual Integrations
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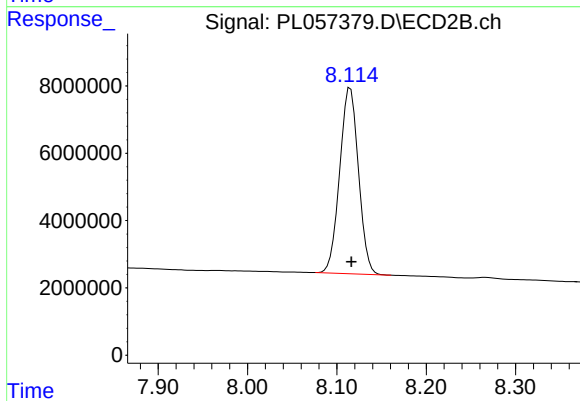
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 114272084
Conc: 44.14 ng/ml



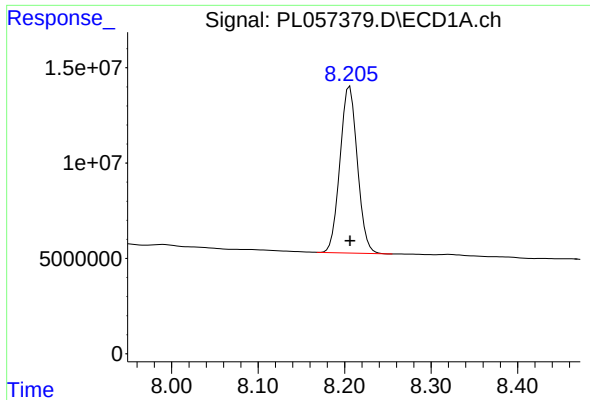
#22 Mirex

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 340170988
Conc: 42.00 ng/ml



#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 80644495
Conc: 42.23 ng/ml



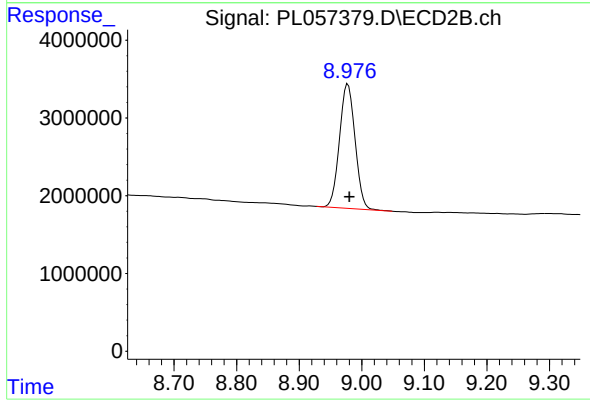
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 121436522
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-031220MSD

Manual Integrations
APPROVED

mohammad
3/17/2020 2:36:19 PM



#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.002 min
Response: 27749737
Conc: 12.51 ng/ml