

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010620\
 Data File : PL055554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2020 17:00
 Operator : AJ\MA
 Sample : L1032-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PAMT-COMP-4-1-2-20MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 00:58:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010320.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 04 01:07:28 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...	3.501	4.012	185.4E6	56361025	19.245	19.928
28)	SA Decachlor...	8.263	9.086	169.3E6	41640223	20.013	18.802
Target Compounds							
2)	A alpha-BHC	3.941	4.402	827.9E6	218.0E6	51.312	51.507
3)	MA gamma-BHC...	4.225	4.686	774.8E6	201.0E6	51.597	50.932
4)	MA Heptachlor	4.529	5.192	782.5E6	185.9E6	53.088	51.603
5)	MB Aldrin	4.778	5.496	770.7E6	174.0E6	53.227	54.048
6)	B beta-BHC	4.475	4.857	313.3E6	84212807	50.557	48.139
7)	B delta-BHC	4.681	5.073	683.4E6	133.9E6	48.443	45.976
8)	B Heptachlo...	5.221	5.882	692.9E6	137.8E6	54.305	55.684
9)	A Endosulfan I	5.561	6.239	633.2E6	142.0E6	52.640	51.567
10)	B gamma-Chl...	5.448	6.117	690.6E6	156.4E6	53.836	54.702
11)	B alpha-Chl...	5.507	6.189	661.8E6	153.1E6	52.223	52.922
12)	B 4,4'-DDE	5.670	6.347	715.0E6	161.5E6	61.594	59.256
13)	MA Dieldrin	5.803	6.497	712.2E6	150.4E6	56.425m	53.762
14)	MA Endrin	6.062	6.715	647.6E6	129.2E6	55.745	53.608
15)	B Endosulfa...	6.335	6.926	568.9E6	129.3E6	57.146	49.263
16)	A 4,4'-DDD	6.186	6.839	499.6E6	125.5E6	60.042	58.406
17)	MA 4,4'-DDT	6.427	7.138	548.7E6	119.6E6	63.298	49.514
18)	B Endrin al...	6.503	7.050	476.3E6	106.8E6	53.085	51.582
19)	B Endosulfa...	6.716	7.274	537.9E6	120.8E6	62.405	52.985
20)	A Methoxychlor	6.972	7.598	279.9E6	64854965	60.705	53.822
21)	B Endrin ke...	7.208	7.746	611.1E6	132.6E6	52.733	54.848
22)	Mirex	7.398	8.202	373.1E6	91211151	59.509	53.557

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010620\
Data File : PL055554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2020 17:00
Operator : AJ\MA
Sample : L1032-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

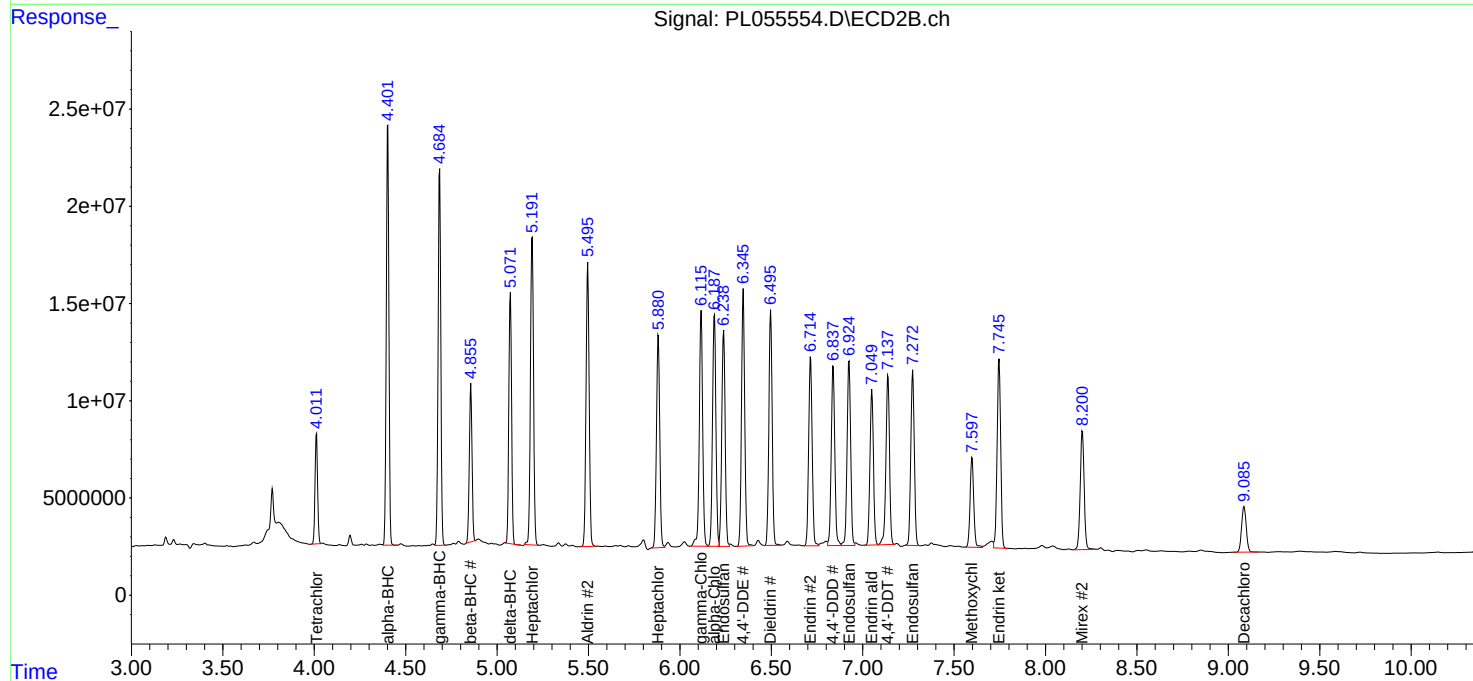
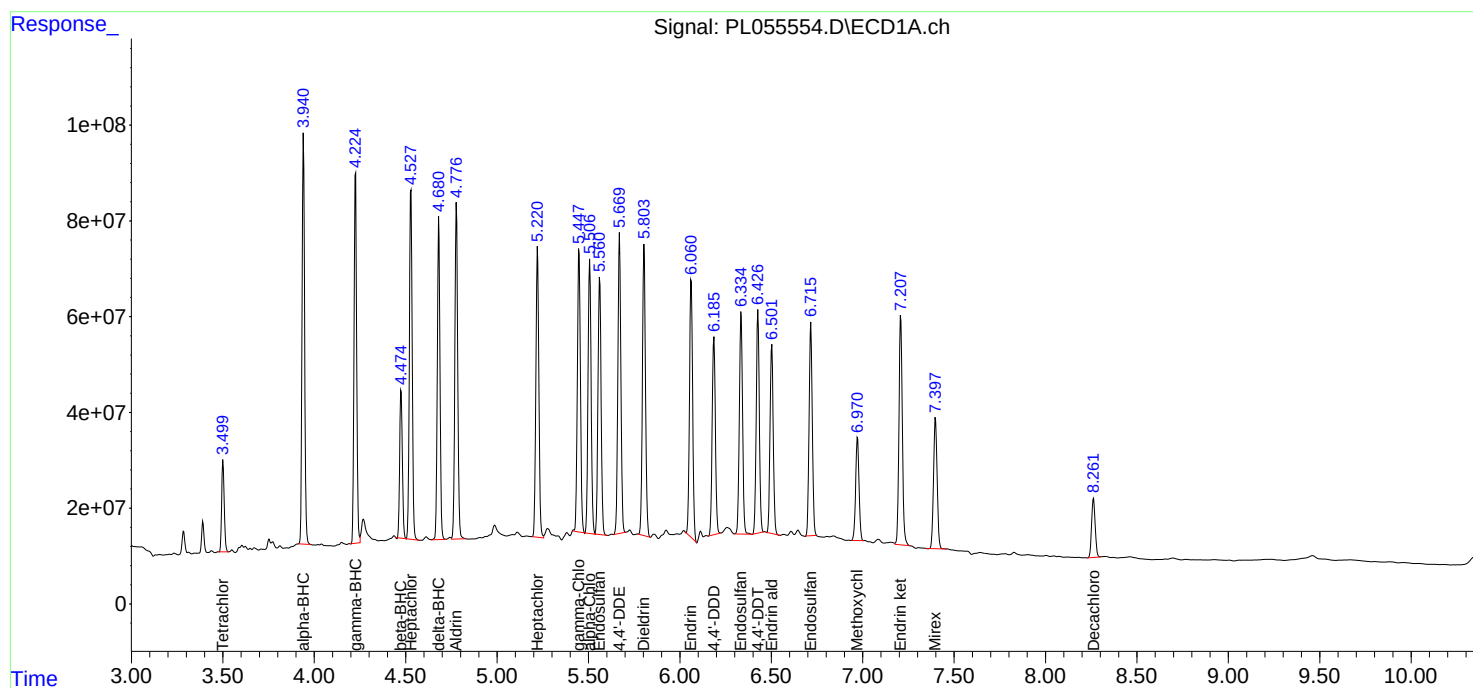
Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

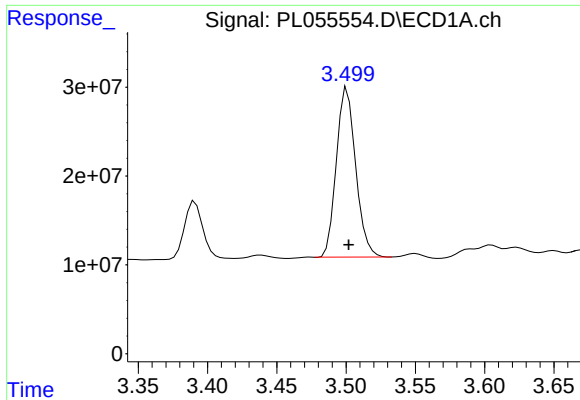
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 00:58:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010320.M
Quant Title : GC Extractables
QLast Update : Sat Jan 04 01:07:28 2020
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Integrator: 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





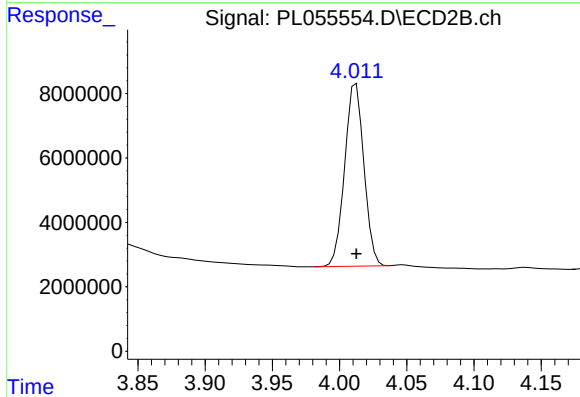
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.001 min
Response: 185379628
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

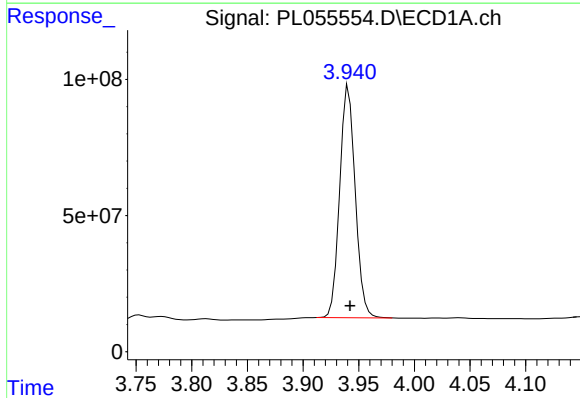
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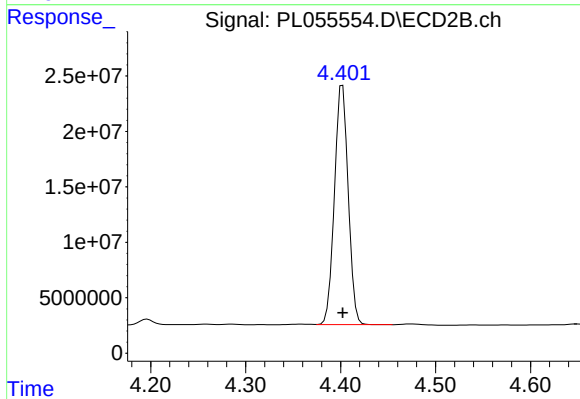
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 56361025
Conc: 19.93 ng/ml



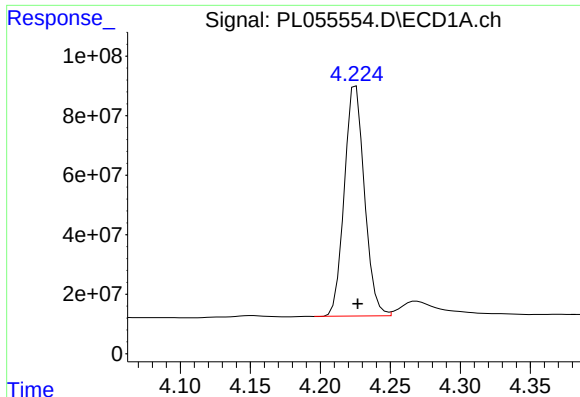
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 827866220
Conc: 51.31 ng/ml



#2 alpha-BHC

R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 217975816
Conc: 51.51 ng/ml



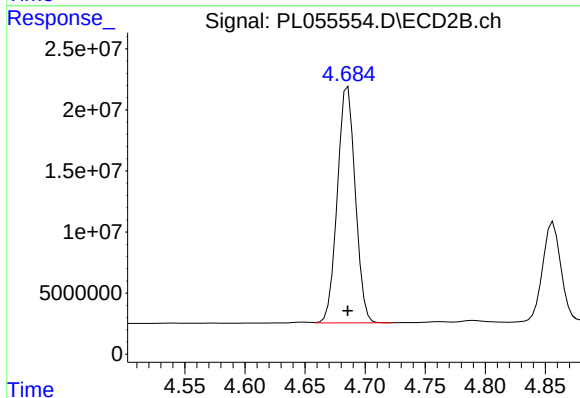
#3 gamma-BHC (Lindane)

R.T.: 4.225 min
Delta R.T.: -0.001 min
Response: 774781044
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

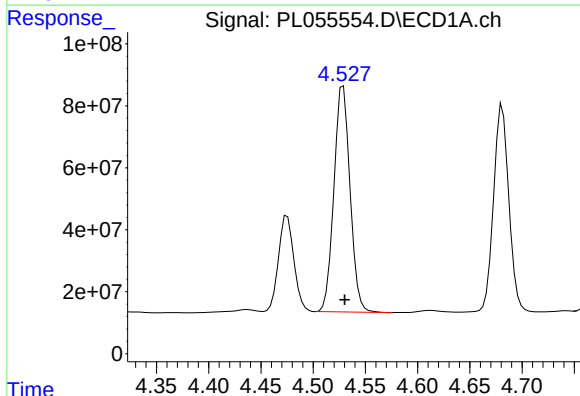
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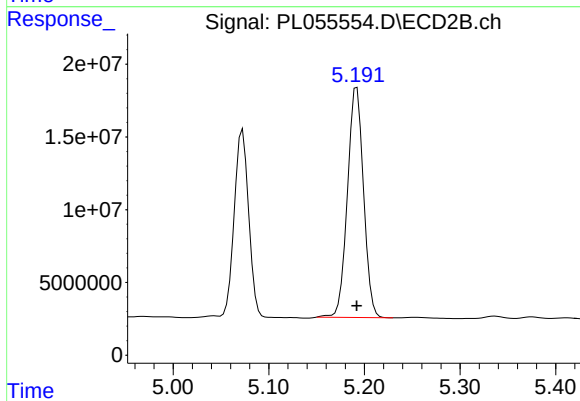
#3 gamma-BHC (Lindane)

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 200953523
Conc: 50.93 ng/ml



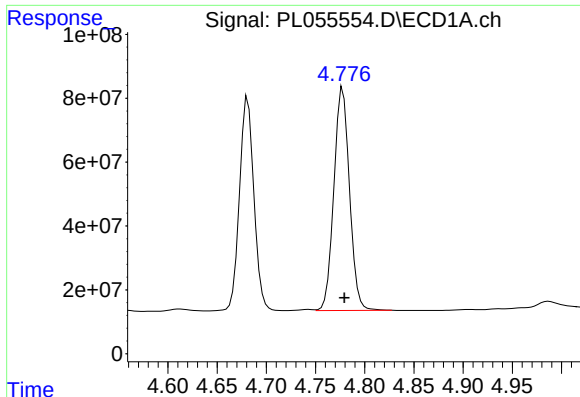
#4 Heptachlor

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 782514885
Conc: 53.09 ng/ml



#4 Heptachlor

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 185855639
Conc: 51.60 ng/ml



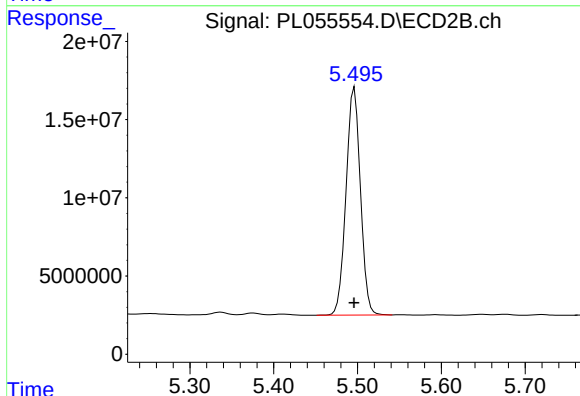
#5 Aldrin

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 770705853
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

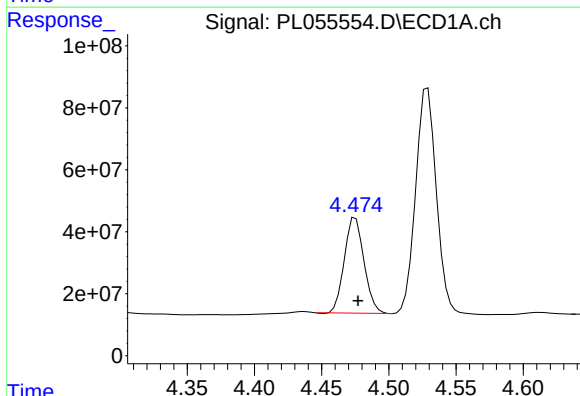
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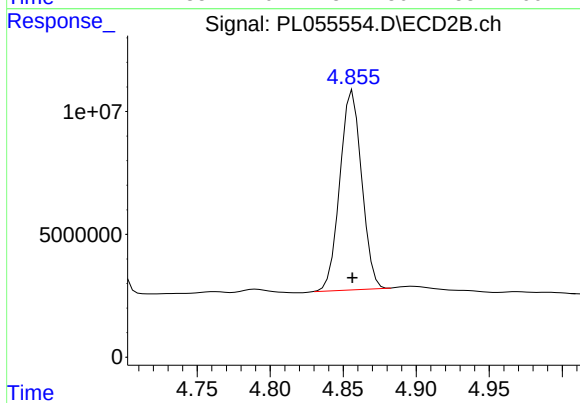
#5 Aldrin

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 173981597
Conc: 54.05 ng/ml



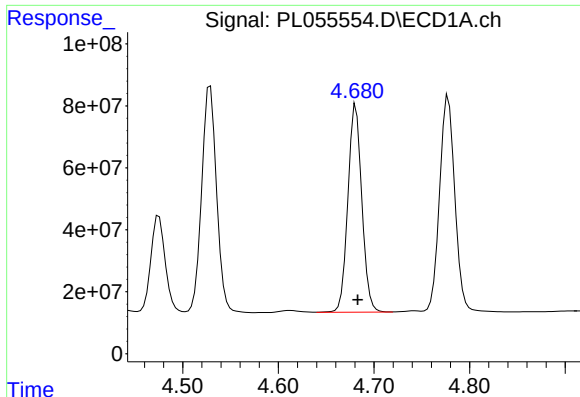
#6 beta-BHC

R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 313271156
Conc: 50.56 ng/ml



#6 beta-BHC

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 84212807
Conc: 48.14 ng/ml



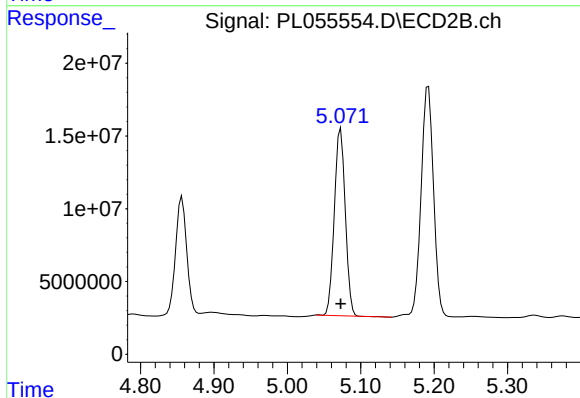
#7 delta-BHC

R.T.: 4.681 min
Delta R.T.: -0.002 min
Response: 683432039
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

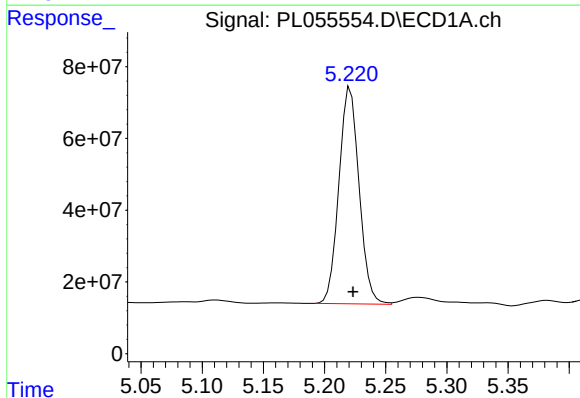
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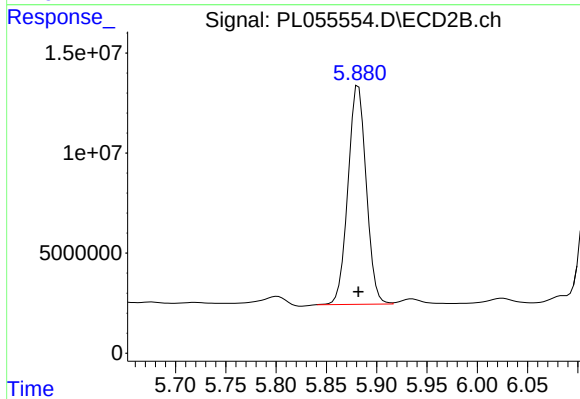
#7 delta-BHC

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 133899374
Conc: 45.98 ng/ml



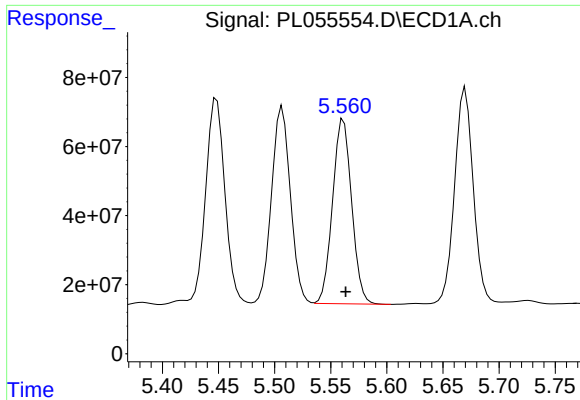
#8 Heptachlor epoxide

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 692897135
Conc: 54.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 137802162
Conc: 55.68 ng/ml



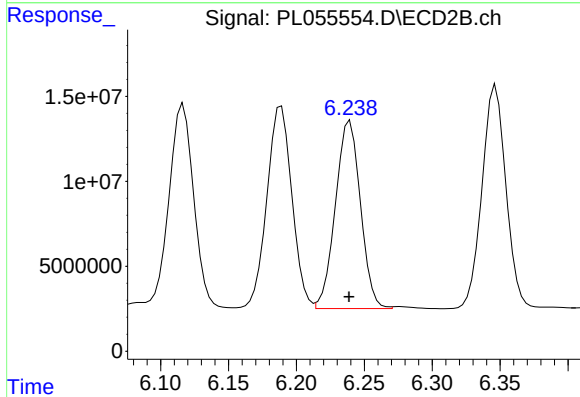
#9 Endosulfan I

R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 633239020
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

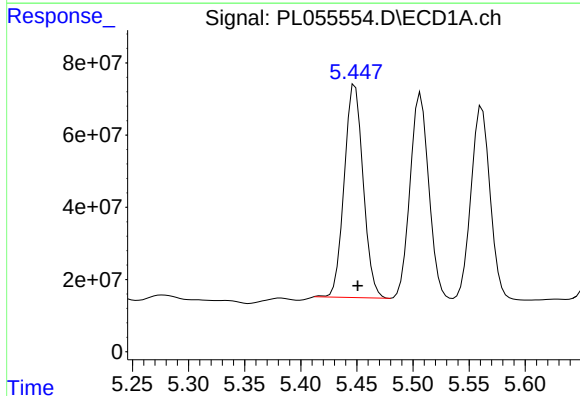
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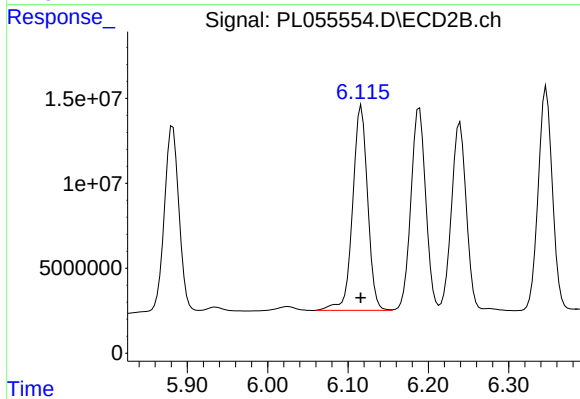
#9 Endosulfan I

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 142043026
Conc: 51.57 ng/ml



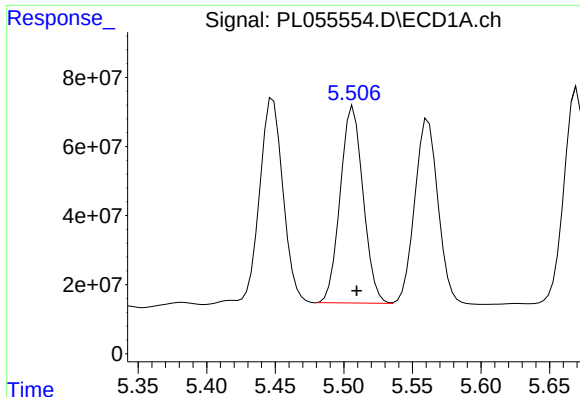
#10 gamma-Chlordane

R.T.: 5.448 min
Delta R.T.: -0.002 min
Response: 690580480
Conc: 53.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 156359329
Conc: 54.70 ng/ml



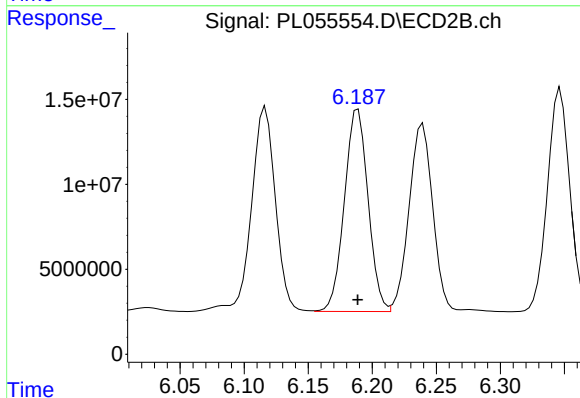
#11 alpha-Chlordane

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 661763582
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

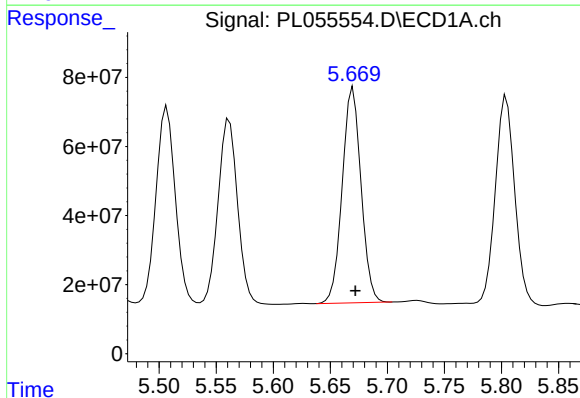
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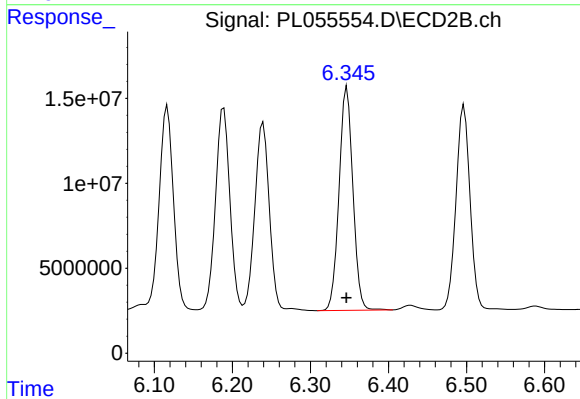
#11 alpha-Chlordane

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 153133481
Conc: 52.92 ng/ml



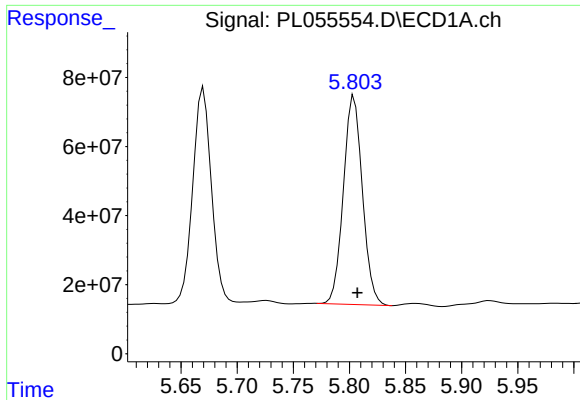
#12 4,4'-DDE

R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 715033225
Conc: 61.59 ng/ml



#12 4,4'-DDE

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 161490912
Conc: 59.26 ng/ml



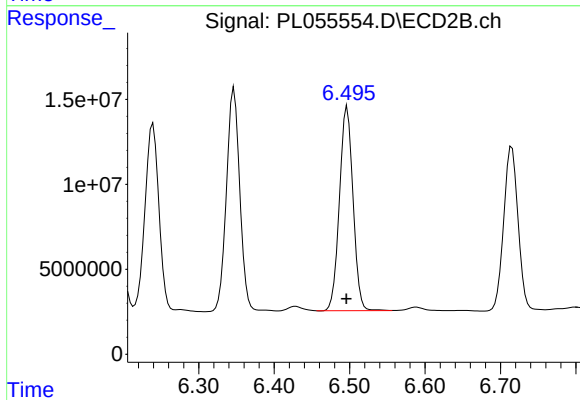
#13 Dieldrin

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 712231116
Conc: 56.43 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

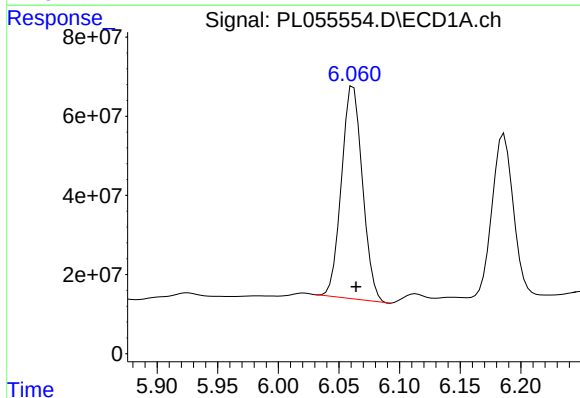
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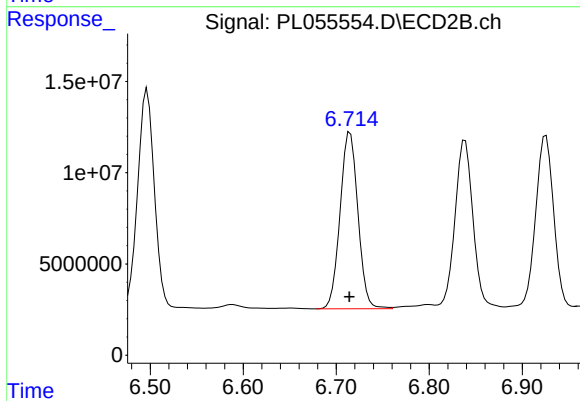
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 150400801
Conc: 53.76 ng/ml



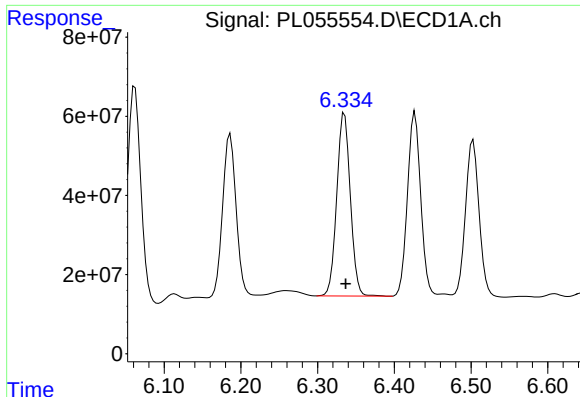
#14 Endrin

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 647605856
Conc: 55.74 ng/ml



#14 Endrin

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 129182847
Conc: 53.61 ng/ml



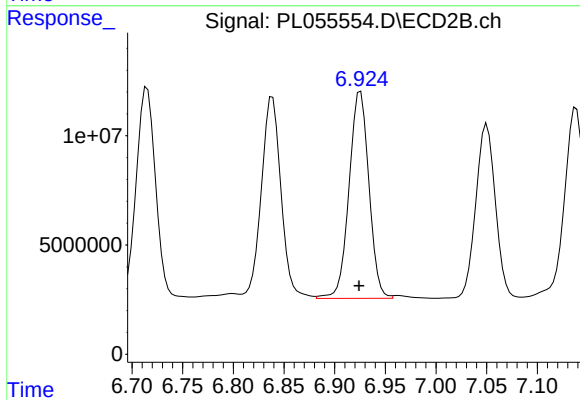
#15 Endosulfan II

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 568888368
Conc: 57.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

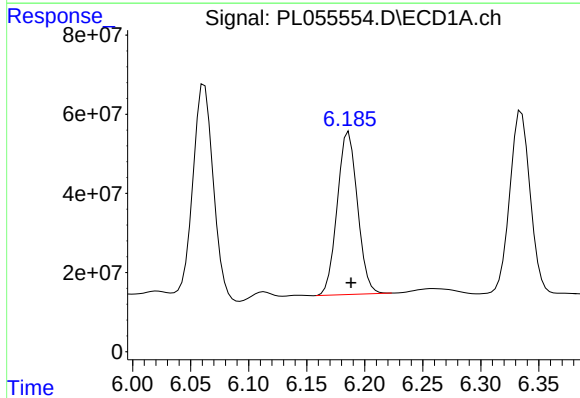
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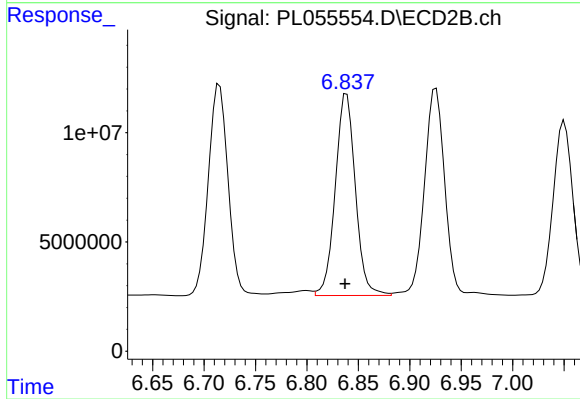
#15 Endosulfan II

R.T.: 6.926 min
Delta R.T.: 0.001 min
Response: 129279858
Conc: 49.26 ng/ml



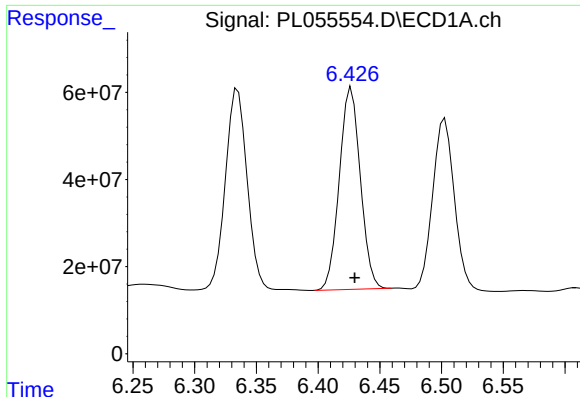
#16 4,4'-DDD

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 499605444
Conc: 60.04 ng/ml



#16 4,4'-DDD

R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 125461114
Conc: 58.41 ng/ml



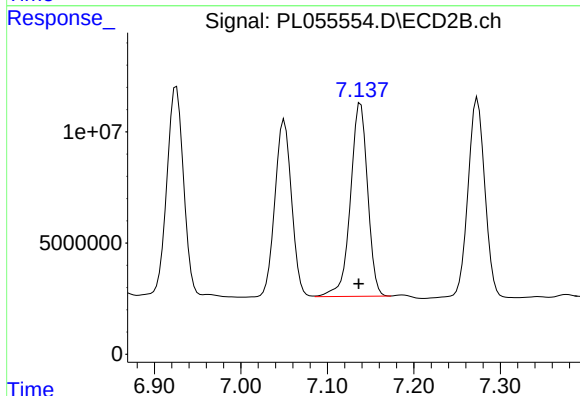
#17 4,4'-DDT

R.T.: 6.427 min
Delta R.T.: -0.003 min
Response: 548697034
Conc: 63.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

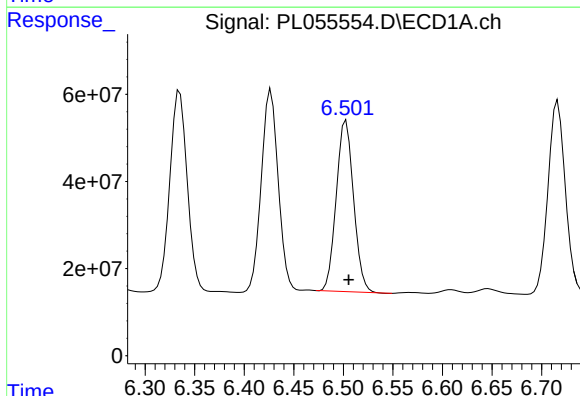
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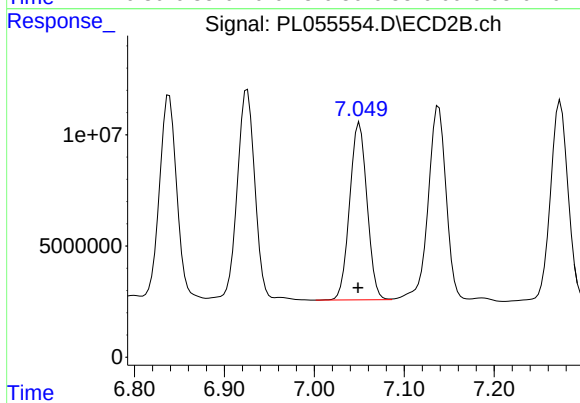
#17 4,4'-DDT

R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 119638097
Conc: 49.51 ng/ml



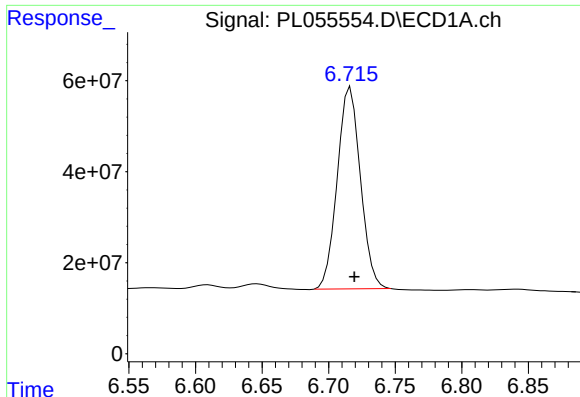
#18 Endrin aldehyde

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 476263765
Conc: 53.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.050 min
Delta R.T.: 0.002 min
Response: 106767648
Conc: 51.58 ng/ml



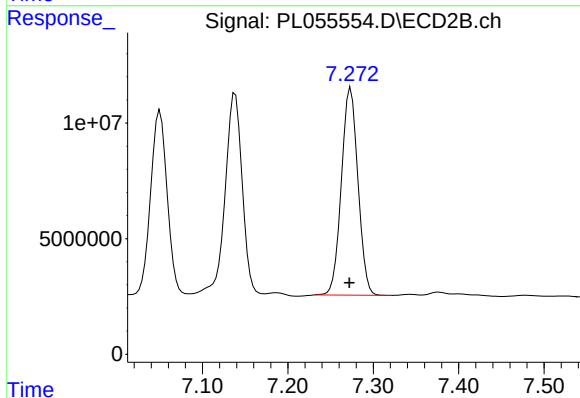
#19 Endosulfan Sulfate

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 537913097
Conc: 62.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

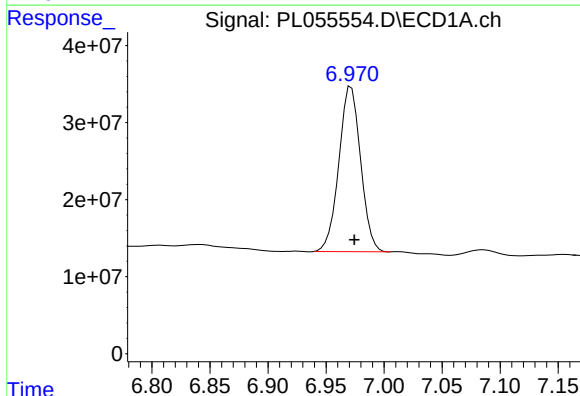
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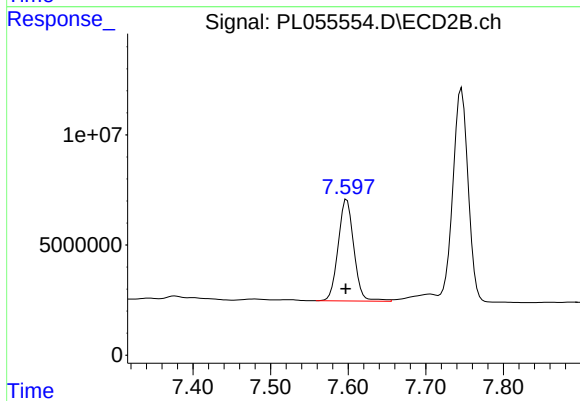
#19 Endosulfan Sulfate

R.T.: 7.274 min
Delta R.T.: 0.001 min
Response: 120796244
Conc: 52.98 ng/ml



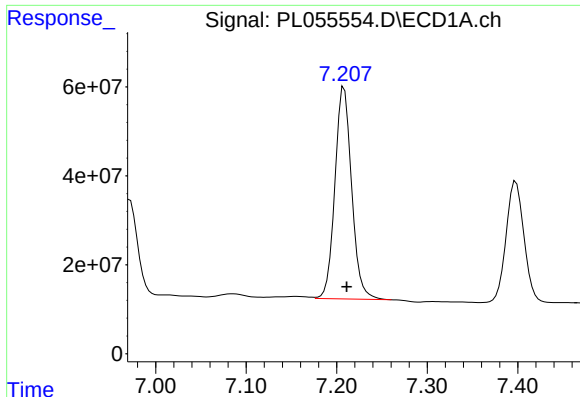
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.003 min
Response: 279860785
Conc: 60.70 ng/ml



#20 Methoxychlor

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 64854965
Conc: 53.82 ng/ml



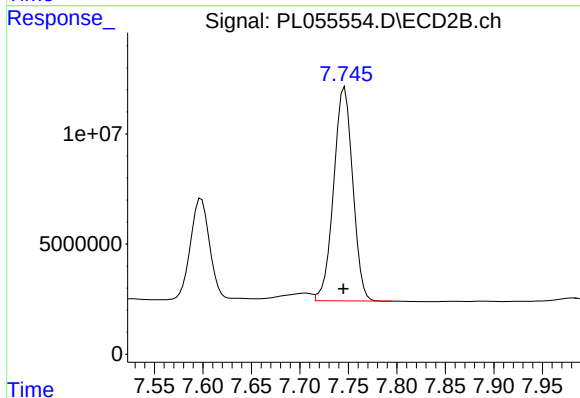
#21 Endrin ketone

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 611071670
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

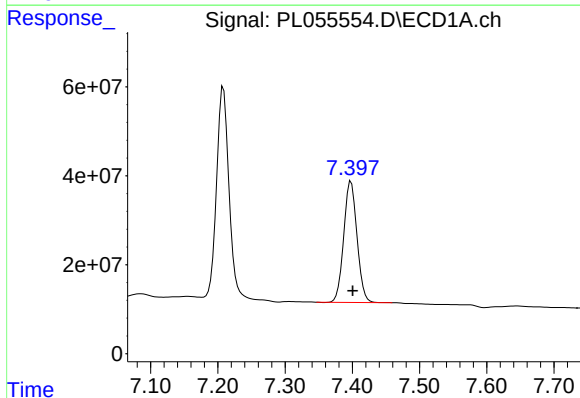
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1/7/2020 10:00:43 AM



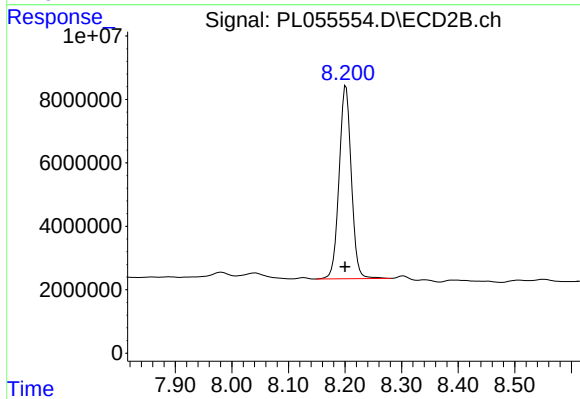
#21 Endrin ketone

R.T.: 7.746 min
Delta R.T.: 0.001 min
Response: 132639226
Conc: 54.85 ng/ml



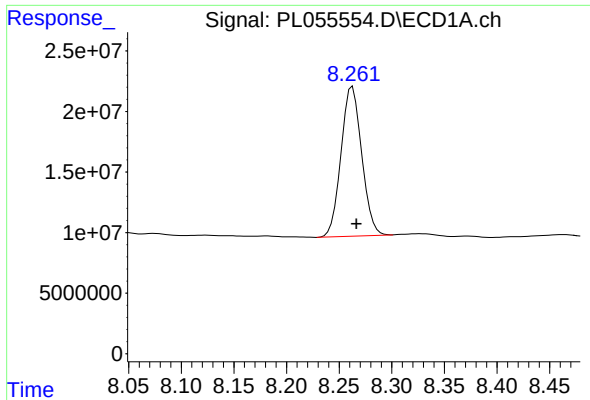
#22 Mirex

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 373077403
Conc: 59.51 ng/ml



#22 Mirex

R.T.: 8.202 min
Delta R.T.: 0.002 min
Response: 91211151
Conc: 53.56 ng/ml



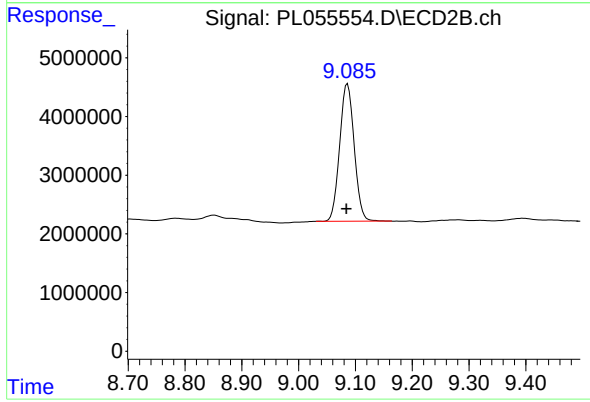
#28 Decachlorobiphenyl

R.T.: 8.263 min
Delta R.T.: -0.004 min
Response: 169278117
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAMT-COMP-4-1-2-20MS

Manual Integrations
APPROVED

mohammad
1/7/2020 10:00:43 AM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.002 min
Response: 41640223
Conc: 18.80 ng/ml