

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062118\
 Data File : PL037248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2018 19:19
 Operator : UA\AJ
 Sample : J3246-04MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-01-062018MSD

Manual Integrations
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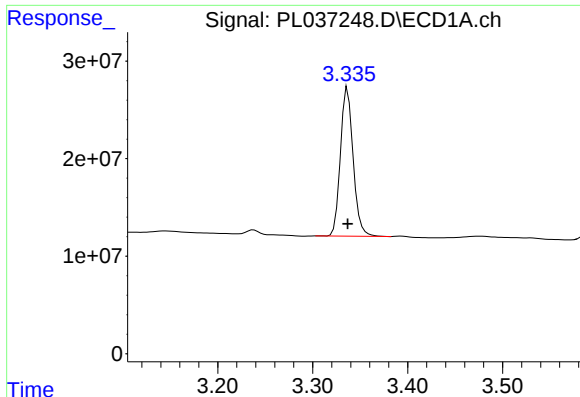
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 03:49:22 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 21 02:27:11 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.337	3.937	142.1E6	53231025	17.969	19.240
2)	SA Decachlor...	8.019	8.950	116.4E6	41767132	19.295	21.053
Target Compounds							
2)	A alpha-BHC	3.768	4.315	617.4E6	207.8E6	50.429	53.542m
3)	MA gamma-BHC...	4.045	4.596	548.7E6	183.5E6	53.193	53.130
4)	MA Heptachlor	4.330	5.108	528.3E6	178.3E6	51.561	51.583
5)	MB Aldrin	4.570	5.410	531.2E6	162.9E6	52.192	51.921
6)	B beta-BHC	4.299	4.757	233.7E6	81676188	51.246	50.646
7)	B delta-BHC	4.494	4.971	546.0E6	171.6E6	51.612	60.838
8)	B Heptachlo...	5.009	5.790	475.2E6	147.3E6	50.730	51.663
9)	A Endosulfan I	5.341	6.143	425.8E6	128.9E6	50.330	50.275
10)	B gamma-Chl...	5.232	6.022	478.2E6	146.9E6	51.058	52.176
11)	B alpha-Chl...	5.289	6.096	460.5E6	144.3E6	50.710	50.129
12)	B 4,4'-DDE	5.458	6.251	448.0E6	127.9E6	50.720	50.251
13)	MA Dieldrin	5.581	6.397	458.4E6	133.3E6	51.780	49.925
14)	MA Endrin	5.835	6.611	406.5E6	112.9E6	51.606	49.115
15)	B Endosulfa...	6.110	6.814	369.7E6	115.7E6	50.281	46.642
16)	A 4,4'-DDD	5.970	6.733	338.4E6	99317235	51.529	48.384
17)	MA 4,4'-DDT	6.205	7.032	323.6E6	100.6E6	50.122	47.501
18)	B Endrin al...	6.278	6.937	275.5E6	96582463	49.339	47.997
19)	B Endosulfa...	6.489	7.159	318.7E6	106.2E6	47.640	48.806
20)	A Methoxychlor	6.755	7.488	160.6E6	57769895	47.255	51.610
21)	B Endrin ke...	6.973	7.623	350.5E6	114.2E6	49.289	56.272

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



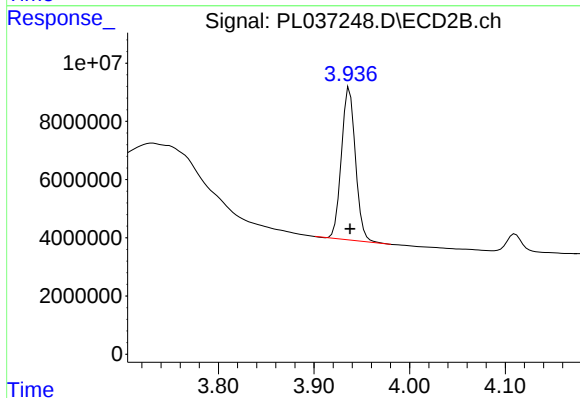
#1 Tetrachloro-m-xylene

R.T.: 3.337 min
Delta R.T.: 0.000 min
Response: 142142378
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

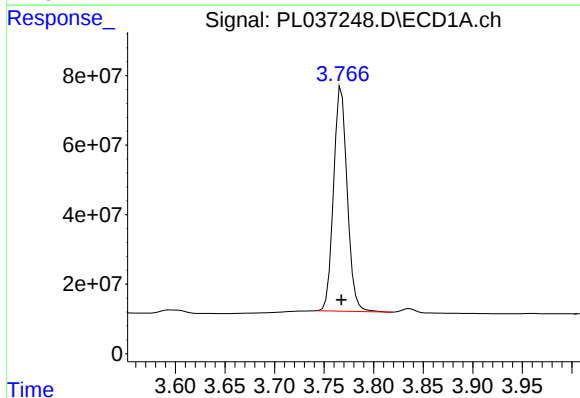
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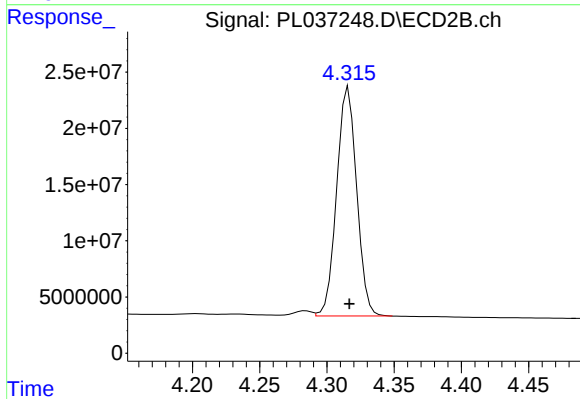
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 53231025
Conc: 19.24 ng/ml



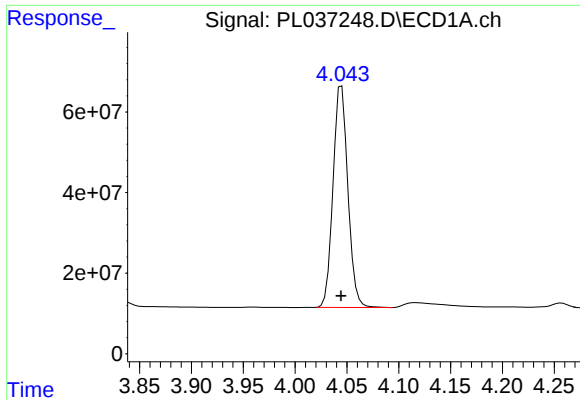
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 617391137
Conc: 50.43 ng/ml



#2 alpha-BHC

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 207756111
Conc: 53.54 ng/ml m



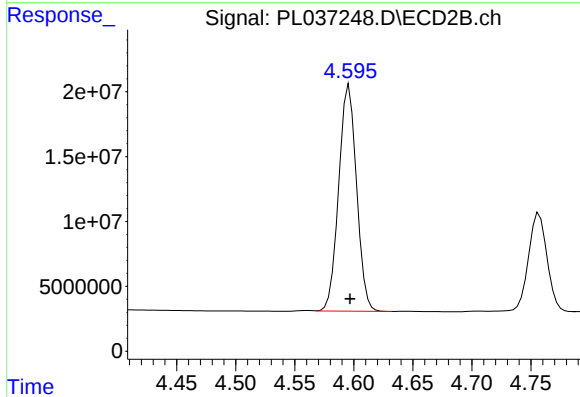
#3 gamma-BHC (Lindane)

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 548666857
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

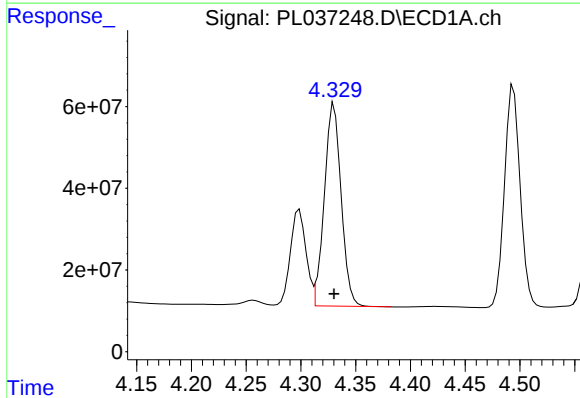
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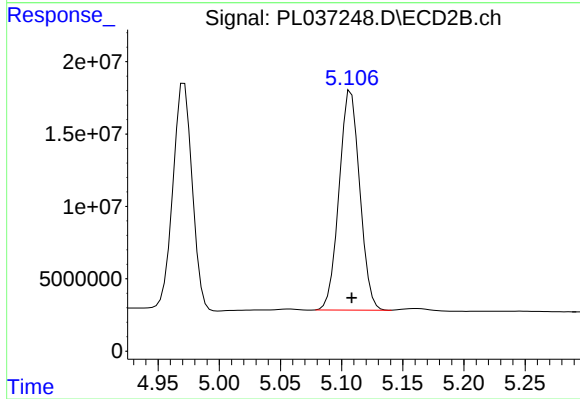
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 183495695
Conc: 53.13 ng/ml



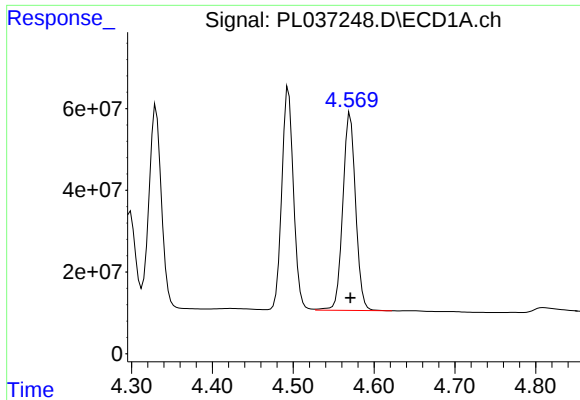
#4 Heptachlor

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 528260396
Conc: 51.56 ng/ml



#4 Heptachlor

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 178291017
Conc: 51.58 ng/ml



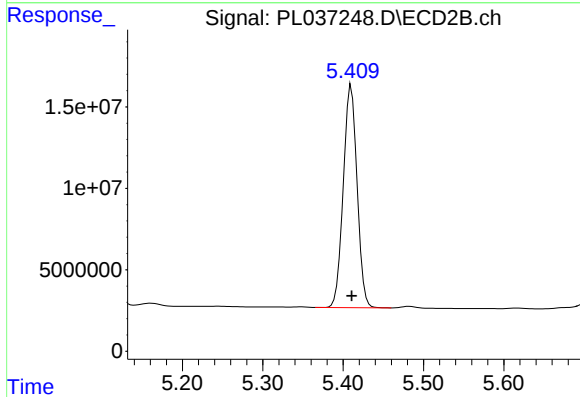
#5 Aldrin

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 531243795
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

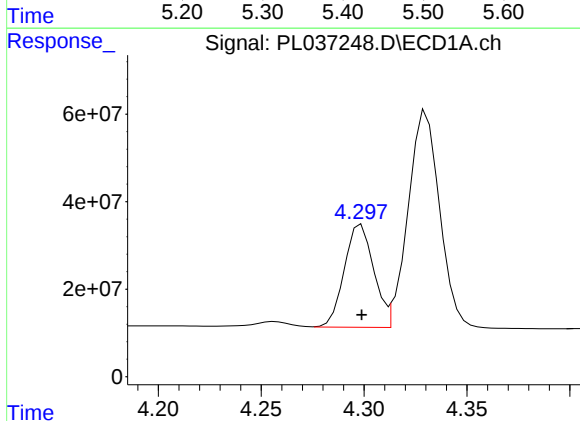
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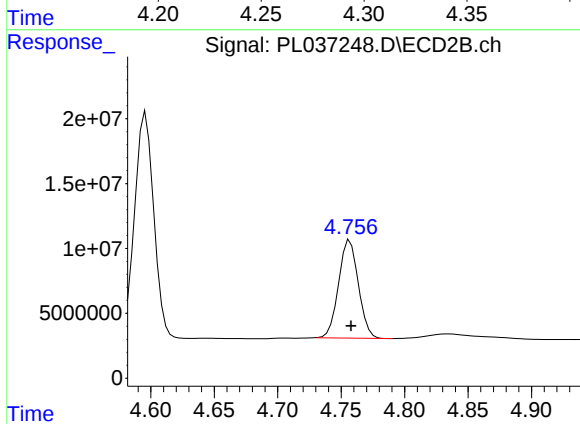
#5 Aldrin

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 162887133
Conc: 51.92 ng/ml



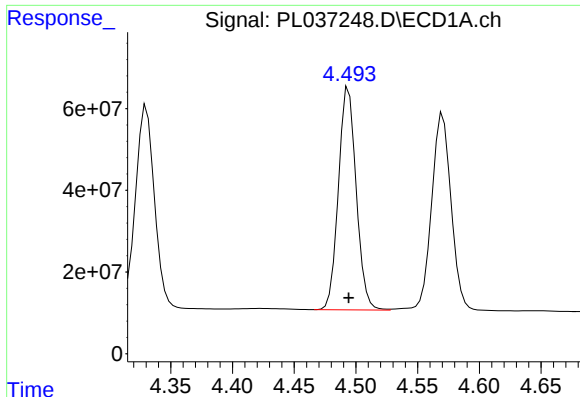
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 233729730
Conc: 51.25 ng/ml



#6 beta-BHC

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 81676188
Conc: 50.65 ng/ml



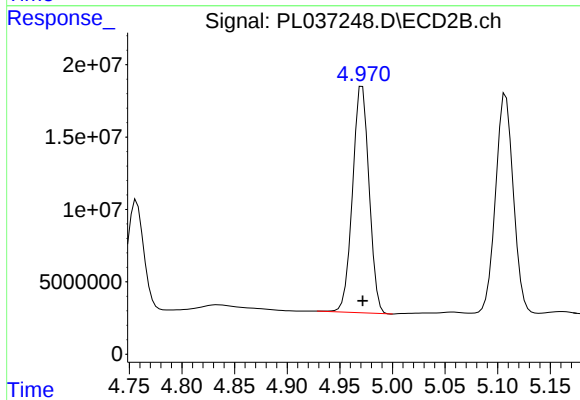
#7 delta-BHC

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 546001658
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

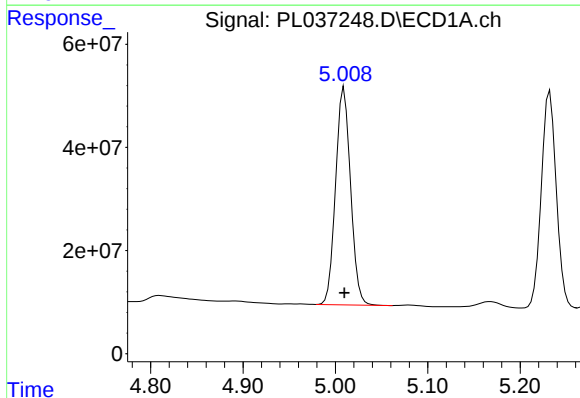
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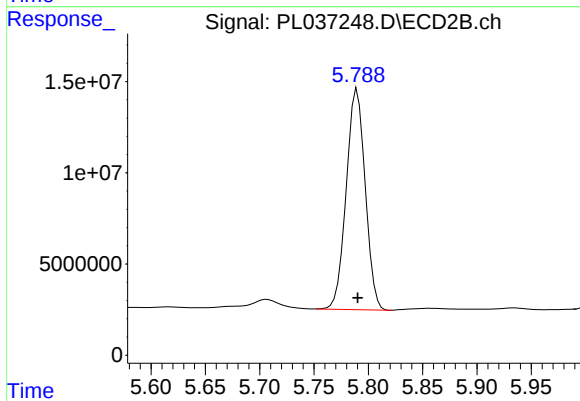
#7 delta-BHC

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 171579493
Conc: 60.84 ng/ml



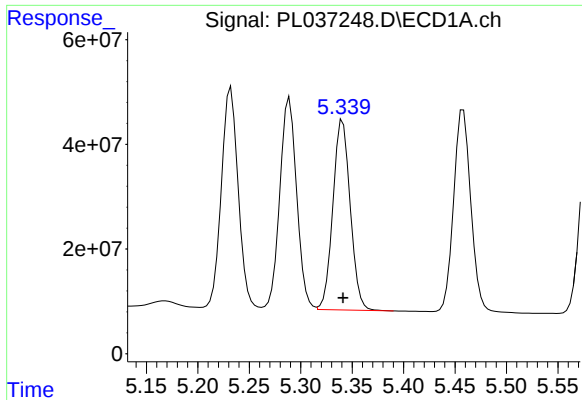
#8 Heptachlor epoxide

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 475181661
Conc: 50.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 147274938
Conc: 51.66 ng/ml



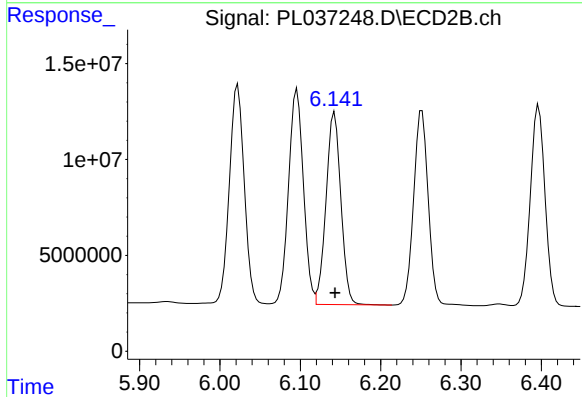
#9 Endosulfan I

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 425830598
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

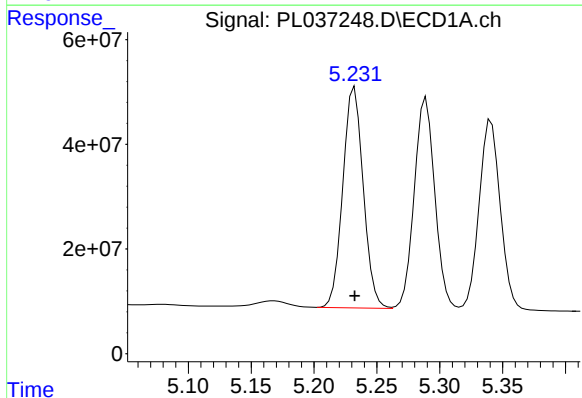
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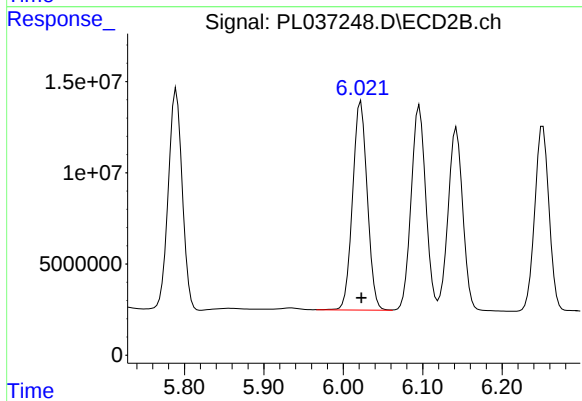
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 128945982
Conc: 50.28 ng/ml



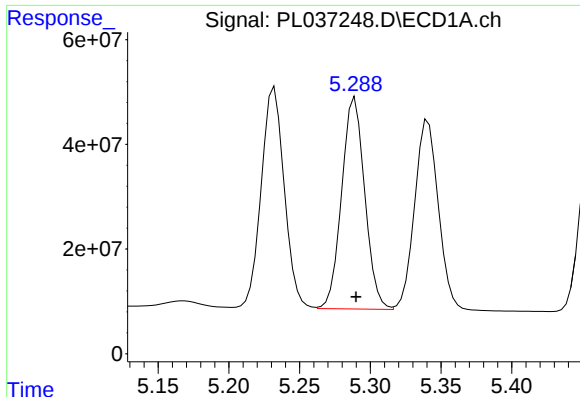
#10 gamma-Chlordane

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 478222543
Conc: 51.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 146948700
Conc: 52.18 ng/ml



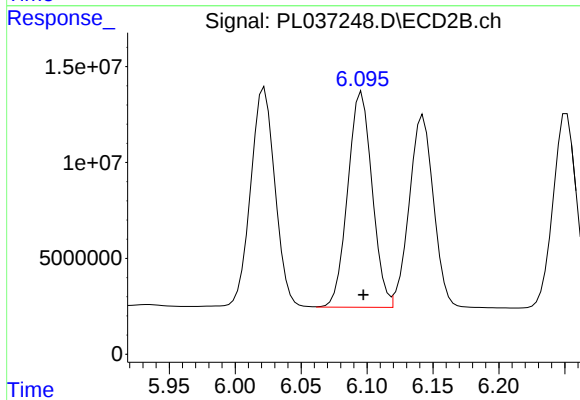
#11 alpha-Chlordane

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 460518042
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

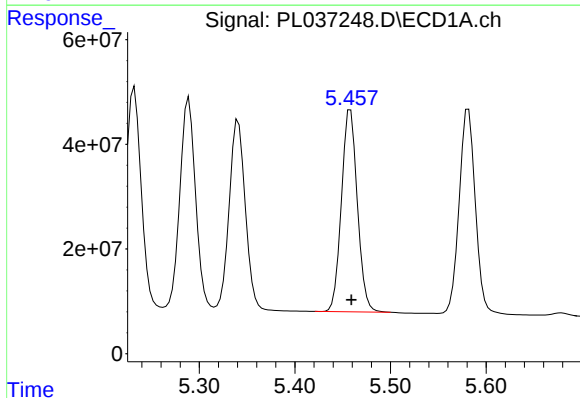
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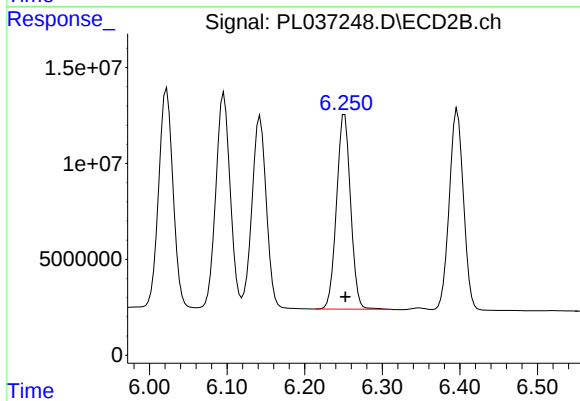
#11 alpha-Chlordane

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 144286682
Conc: 50.13 ng/ml



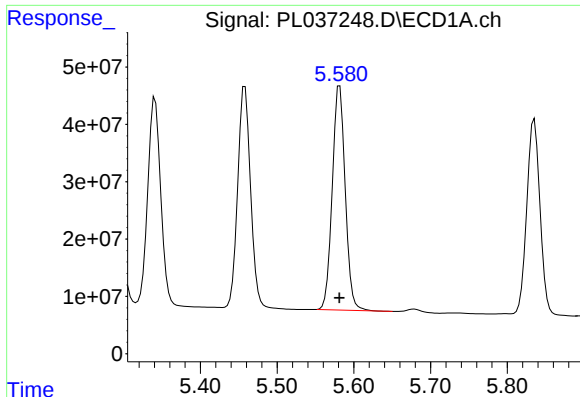
#12 4,4'-DDE

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 447991052
Conc: 50.72 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 127871950
Conc: 50.25 ng/ml



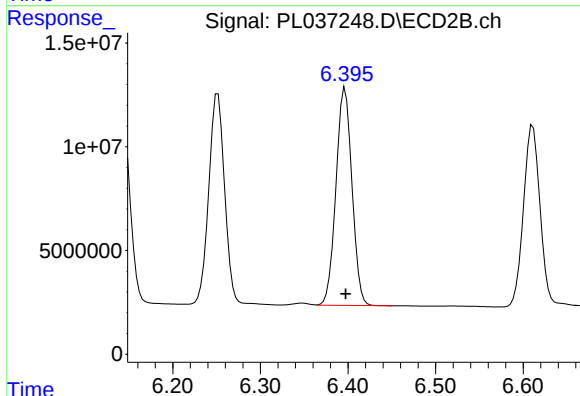
#13 Dieldrin

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 458421359
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

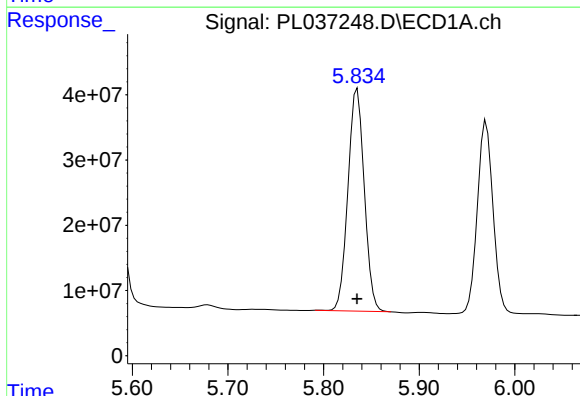
Manual Integrations
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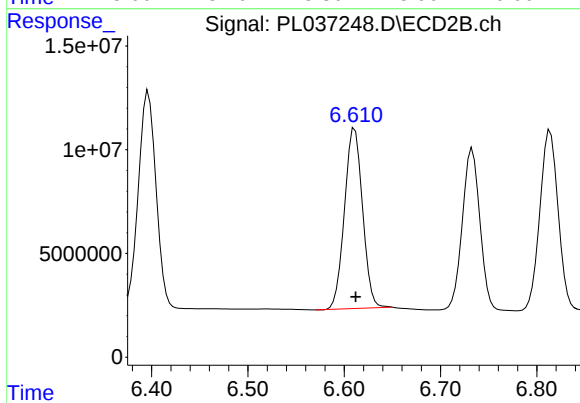
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 133260734
Conc: 49.92 ng/ml



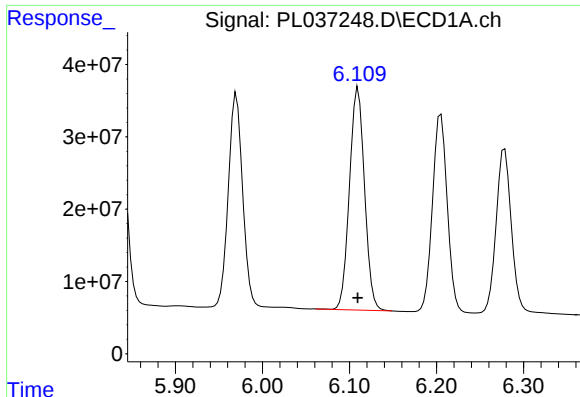
#14 Endrin

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 406533330
Conc: 51.61 ng/ml



#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 112928681
Conc: 49.12 ng/ml



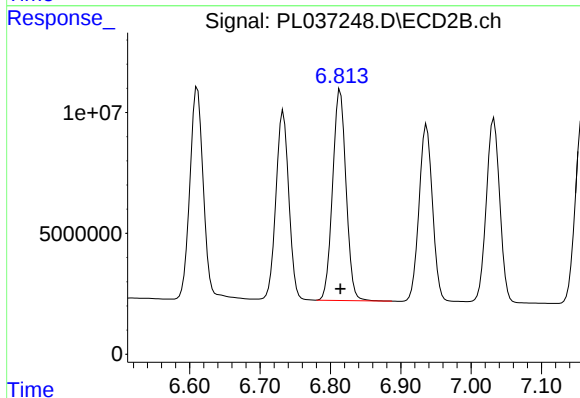
#15 Endosulfan II

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 369736596
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

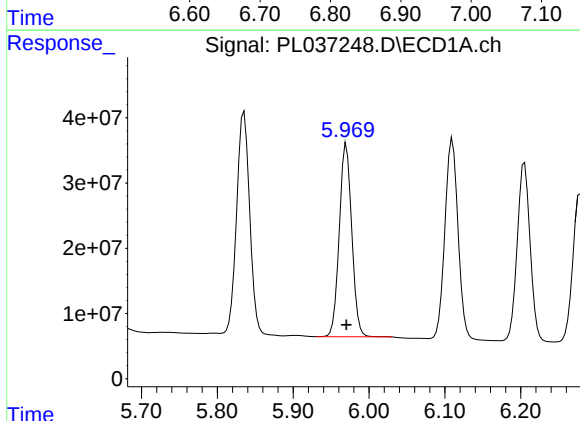
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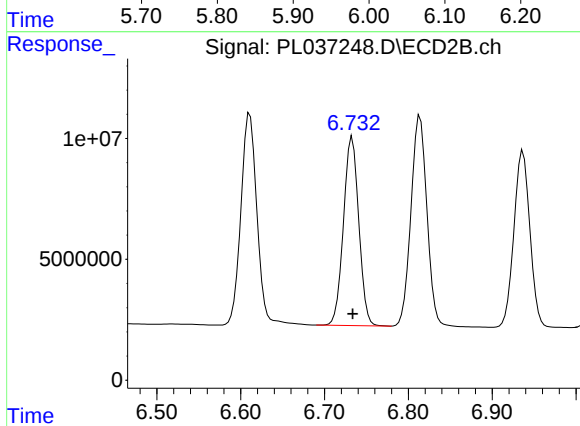
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 115674399
Conc: 46.64 ng/ml



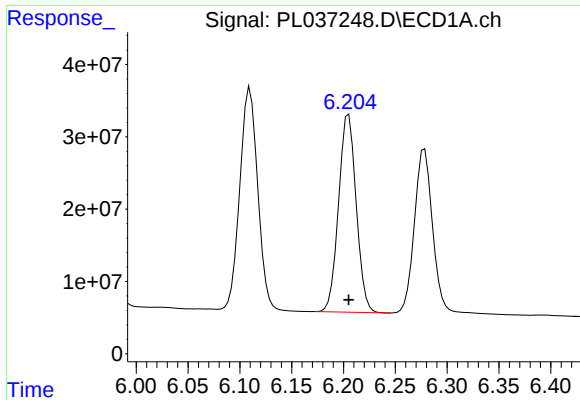
#16 4,4'-DDD

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 338397481
Conc: 51.53 ng/ml



#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 99317235
Conc: 48.38 ng/ml



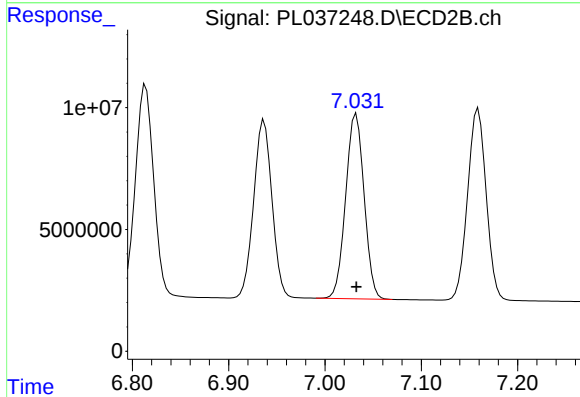
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 323601536
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

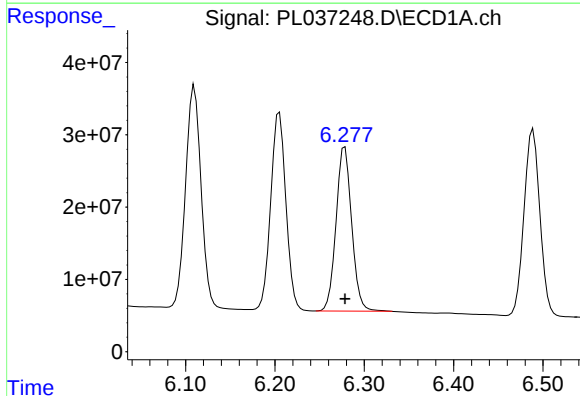
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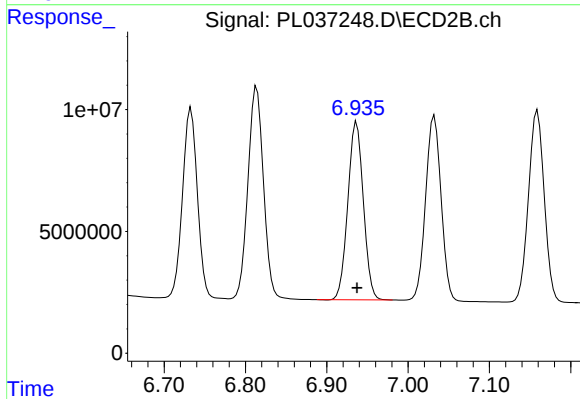
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 100615808
Conc: 47.50 ng/ml



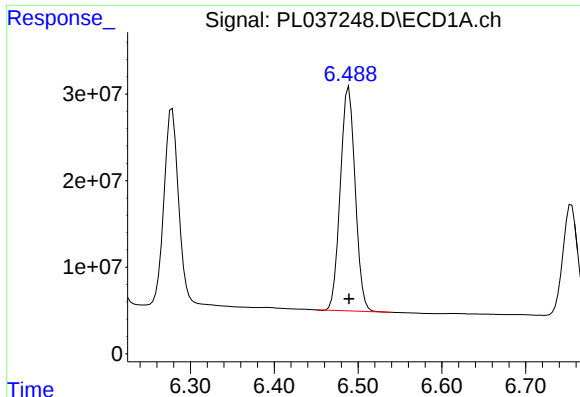
#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 275532875
Conc: 49.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 96582463
Conc: 48.00 ng/ml



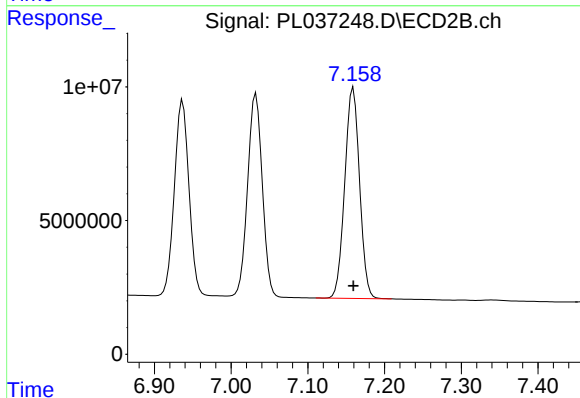
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 318714630
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

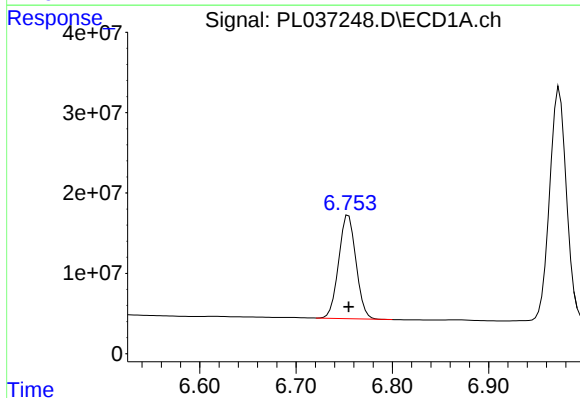
Manual Integrations
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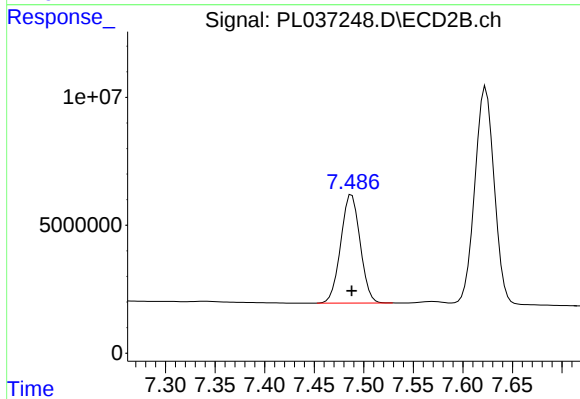
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 106223207
Conc: 48.81 ng/ml



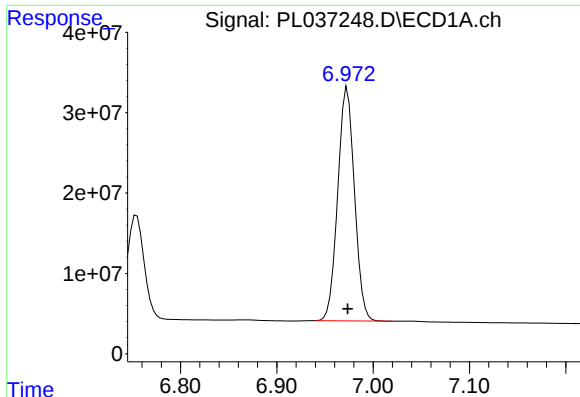
#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 160620523
Conc: 47.26 ng/ml



#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 57769895
Conc: 51.61 ng/ml



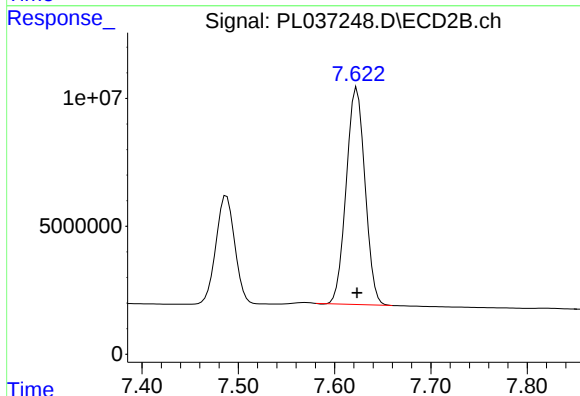
#21 Endrin ketone

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 350523042
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-062018MSD

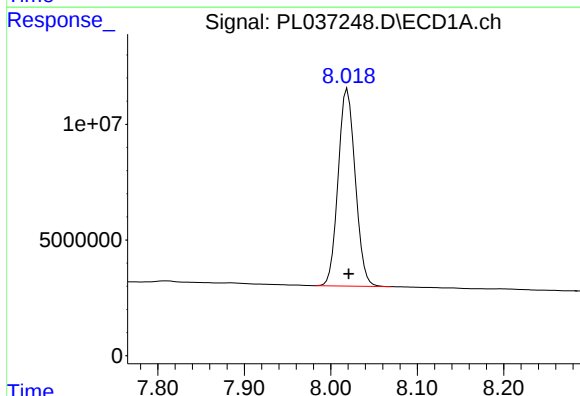
Manual Integrations
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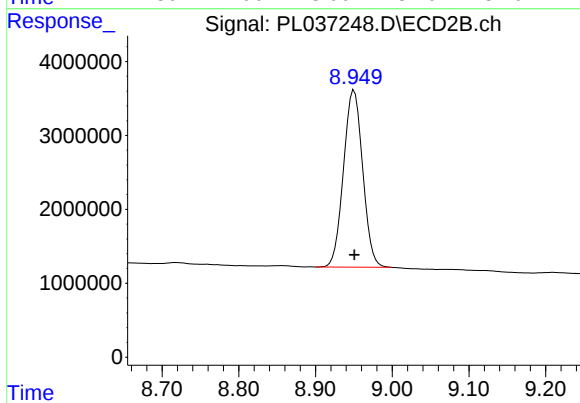
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 114213557
Conc: 56.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.019 min
Delta R.T.: -0.001 min
Response: 116428818
Conc: 19.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 41767132
Conc: 21.05 ng/ml