

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092319\
 Data File : PL052676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 18:21
 Operator : SG\AJ
 Sample : K4980-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SAND-STOCKPILE-1MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:11:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 2019
 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...	3.552	4.048	149.6E6	53441758	19.187	24.526 #
2)	SA Decachlor...	8.353	9.128	147.9E6	50671179	16.915	21.160 #
Target Compounds							
2)	A alpha-BHC	3.997	4.439	748.3E6	178.2E6	62.243	58.290
3)	MA gamma-BHC...	4.285	4.724	669.3E6	188.9E6	59.157	65.409
4)	MA Heptachlor	4.595	5.235	643.8E6	184.0E6	56.979	62.712
5)	MB Aldrin	4.847	5.540	607.8E6	172.4E6	56.281	65.089
6)	B beta-BHC	4.534	4.893	272.3E6	82920839	55.648	62.176
7)	B delta-BHC	4.744	5.110	581.2E6	159.0E6	51.435	55.537
8)	B Heptachlo...	5.294	5.926	558.5E6	156.6E6	54.661	59.720
9)	A Endosulfan I	5.638	6.283	592.9E6	125.8E6	60.774	53.968
10)	B gamma-Chl...	5.523	6.159	616.1E6	168.6E6	58.011	66.259
11)	B alpha-Chl...	5.582	6.233	555.9E6	148.4E6	53.776	59.398
12)	B 4,4'-DDE	5.746	6.388	493.6E6	144.3E6	52.901	59.180
13)	MA Dieldrin	5.880	6.540	635.0E6	150.8E6	61.259m	61.745
14)	MA Endrin	6.140	6.758	487.8E6	121.0E6	59.005	62.528
15)	B Endosulfa...	6.414	6.966	492.0E6	127.6E6	50.718	57.143
16)	A 4,4'-DDD	6.264	6.877	402.6E6	129.1E6	52.570	70.078 #
17)	MA 4,4'-DDT	6.508	7.175	470.6E6	120.2E6	60.639	65.719m
18)	B Endrin al...	6.581	7.090	365.3E6	105.0E6	47.245m	56.597
19)	B Endosulfa...	6.797	7.311	411.9E6	119.8E6	49.653	58.320m
20)	A Methoxychlor	7.054	7.634	211.0E6	59338249	52.186	58.558
21)	B Endrin ke...	7.291	7.784	459.3E6	118.8E6	44.234	53.494
22)	Mirex	7.486	8.239	324.5E6	95297463	42.427m	55.683 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092319\
Data File : PL052676.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2019 18:21
Operator : SG\AJ
Sample : K4980-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

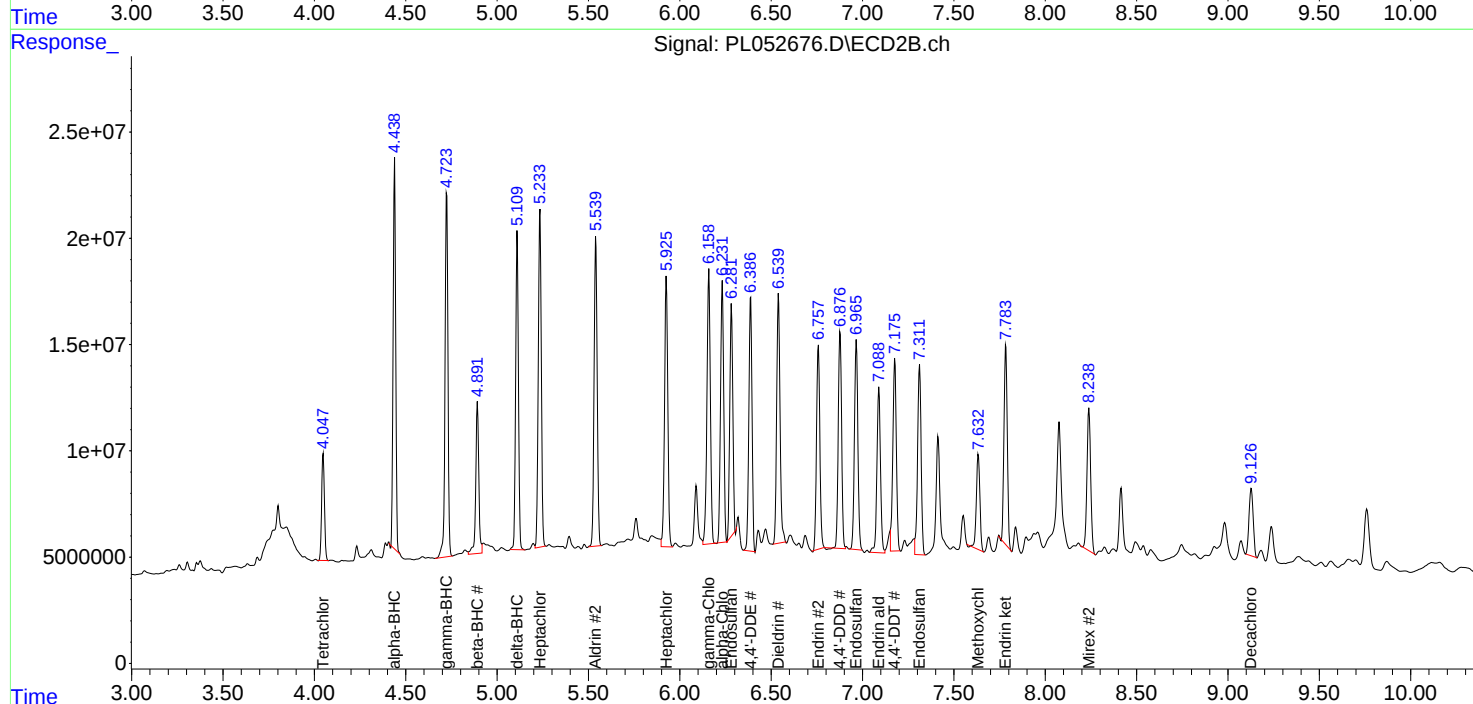
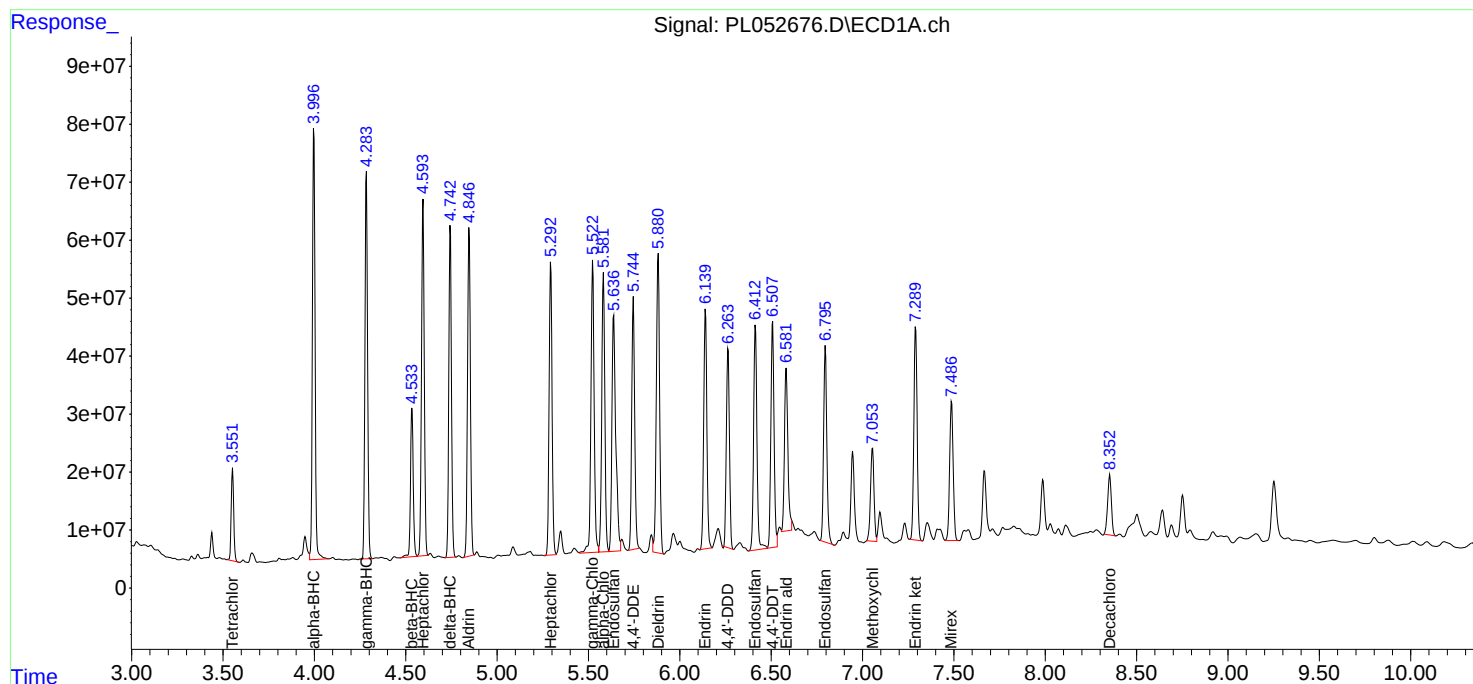
Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

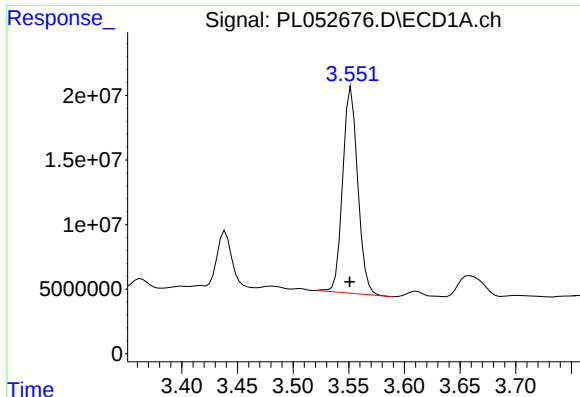
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:11:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 11:25:25 2019
Response 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





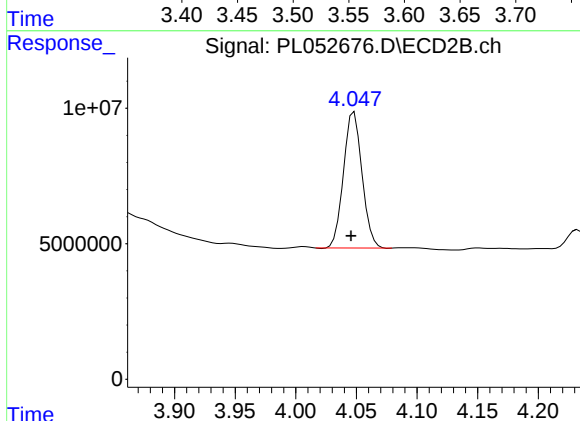
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 149613853
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

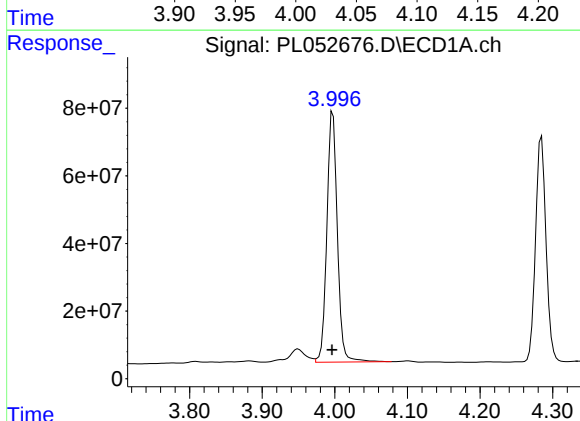
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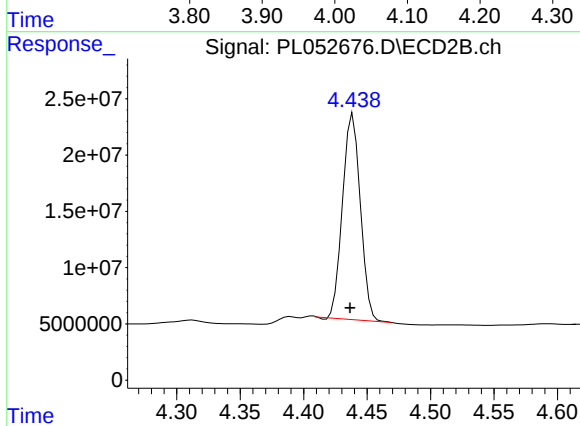
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.003 min
Response: 53441758
Conc: 24.53 ng/ml



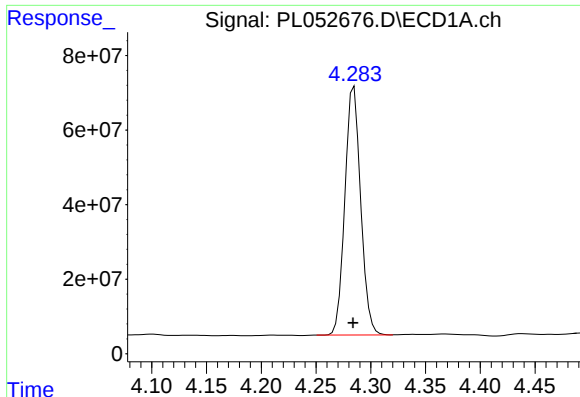
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 748314842
Conc: 62.24 ng/ml



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 178170382
Conc: 58.29 ng/ml



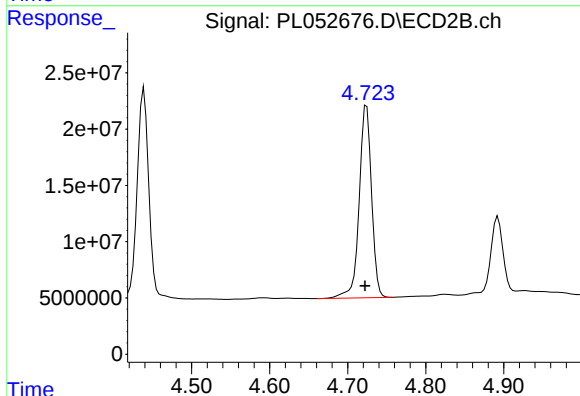
#3 gamma-BHC (Lindane)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 669318933
Conc: 59.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

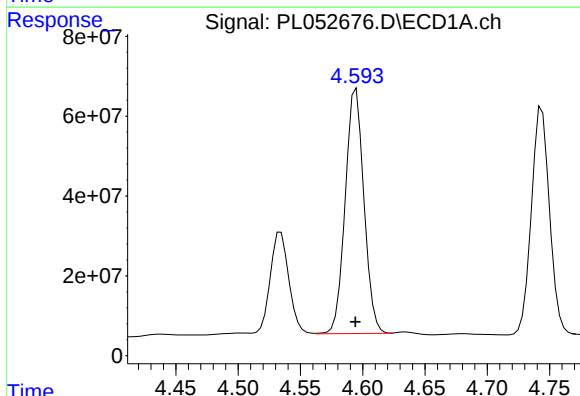
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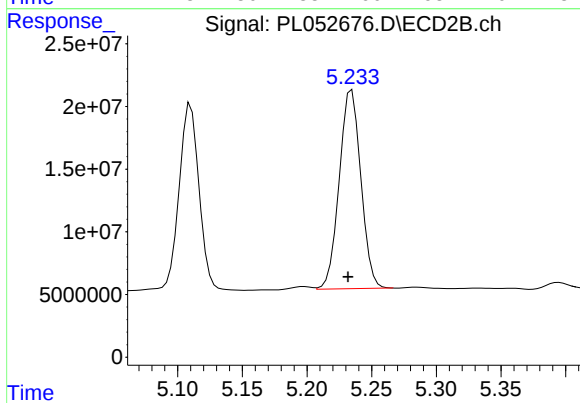
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 188868246
Conc: 65.41 ng/ml



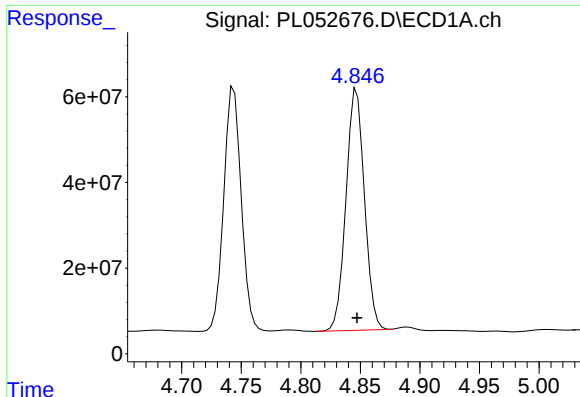
#4 Heptachlor

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 643807235
Conc: 56.98 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 184047178
Conc: 62.71 ng/ml



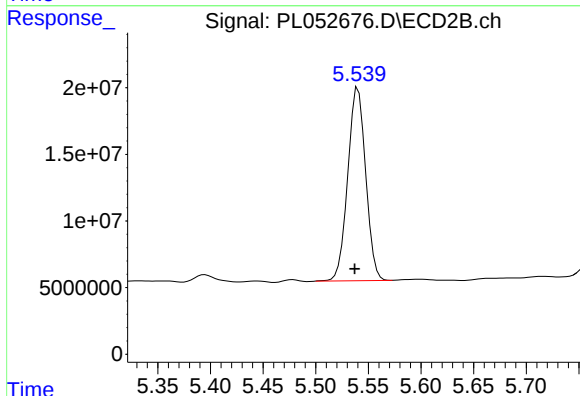
#5 Aldrin

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 607756173
Conc: 56.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

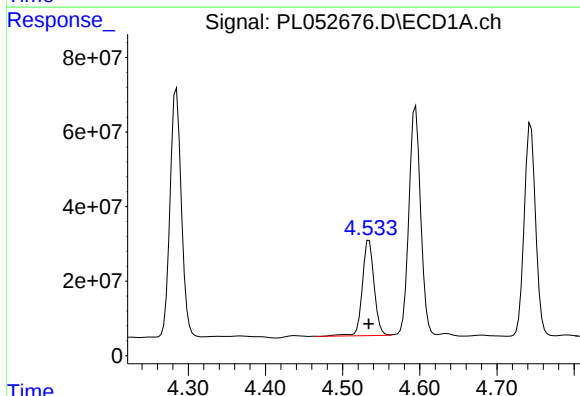
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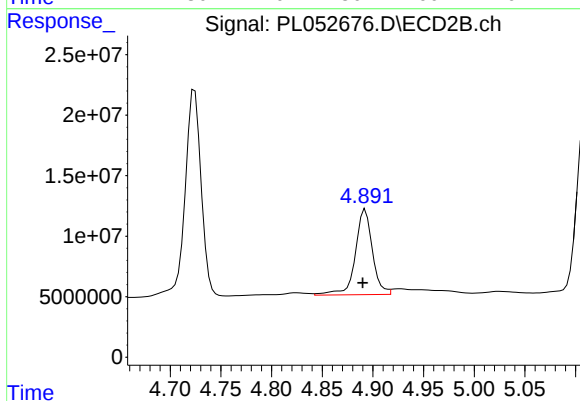
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.003 min
Response: 172404198
Conc: 65.09 ng/ml



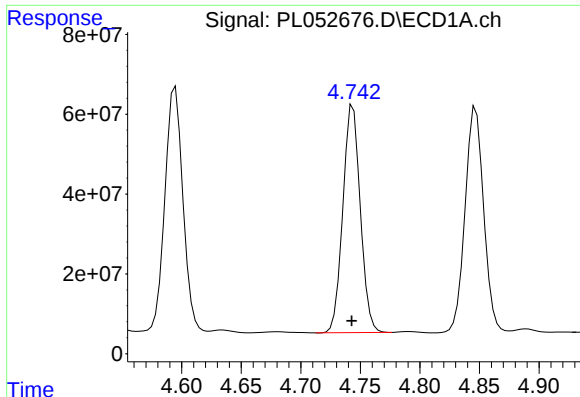
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 272333183
Conc: 55.65 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.003 min
Response: 82920839
Conc: 62.18 ng/ml



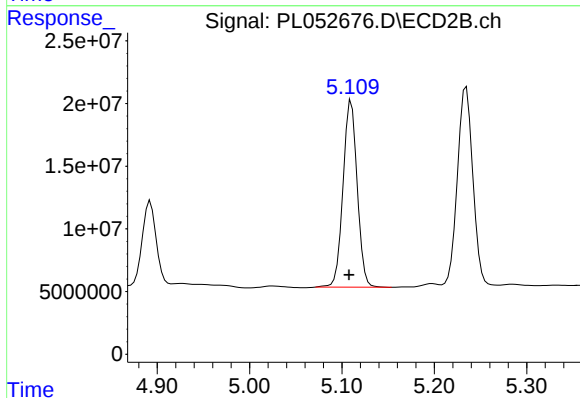
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 581235499
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

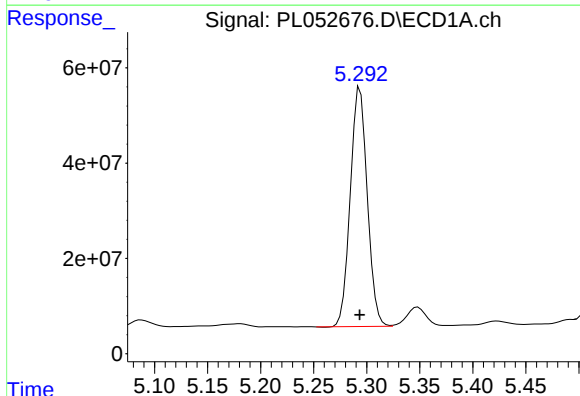
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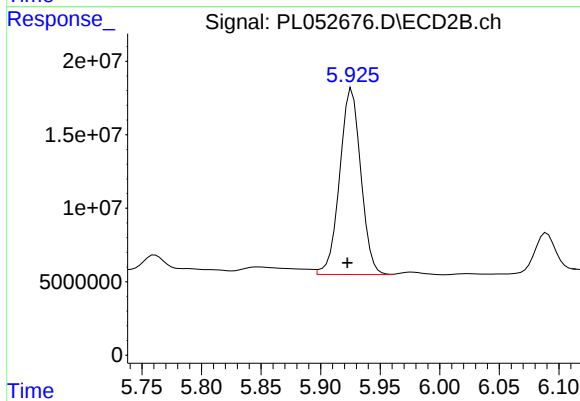
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.003 min
Response: 158993760
Conc: 55.54 ng/ml



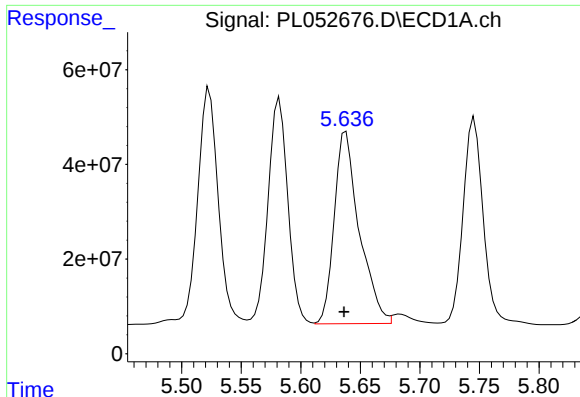
#8 Heptachlor epoxide

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 558485663
Conc: 54.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 156613820
Conc: 59.72 ng/ml



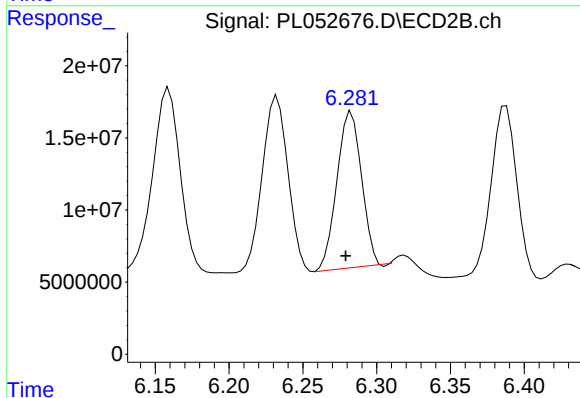
#9 Endosulfan I

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 592889850
Conc: 60.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

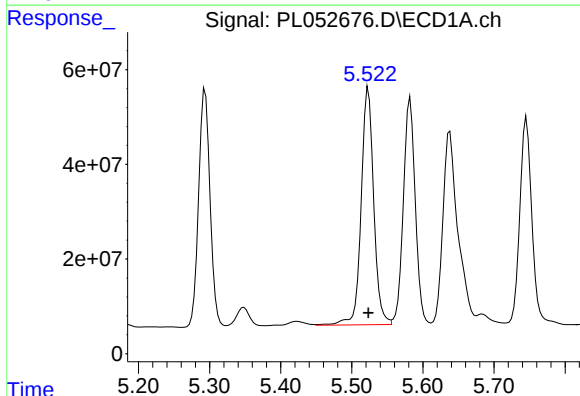
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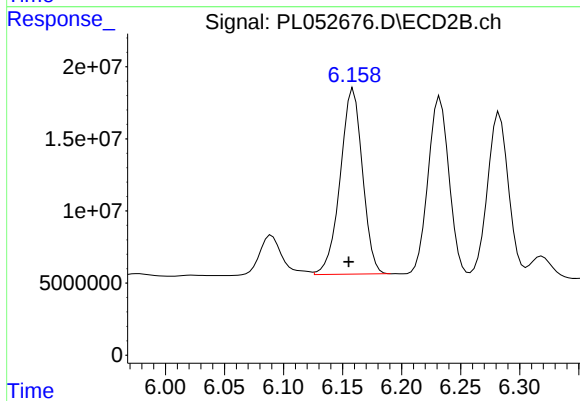
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 125812282
Conc: 53.97 ng/ml



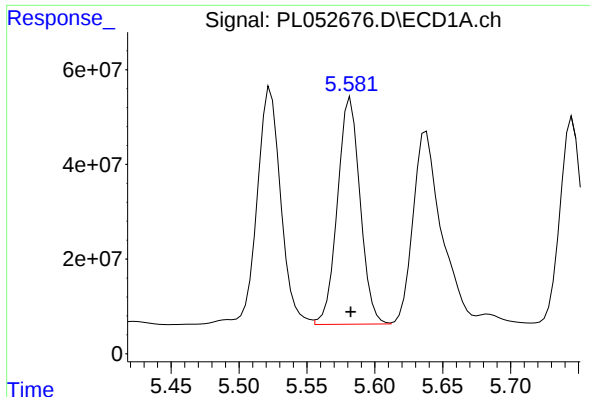
#10 gamma-Chlordane

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 616091999
Conc: 58.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.004 min
Response: 168562341
Conc: 66.26 ng/ml



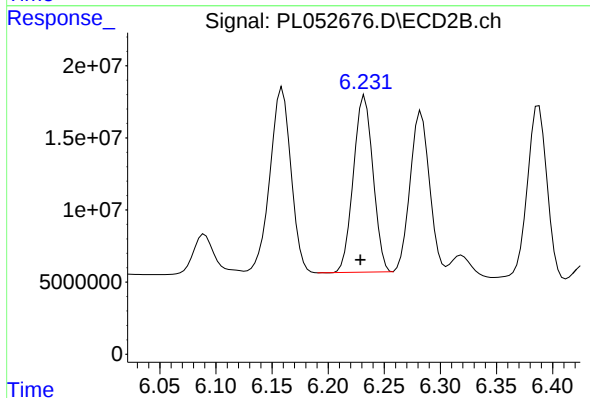
#11 alpha-Chlordane

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 555900580
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

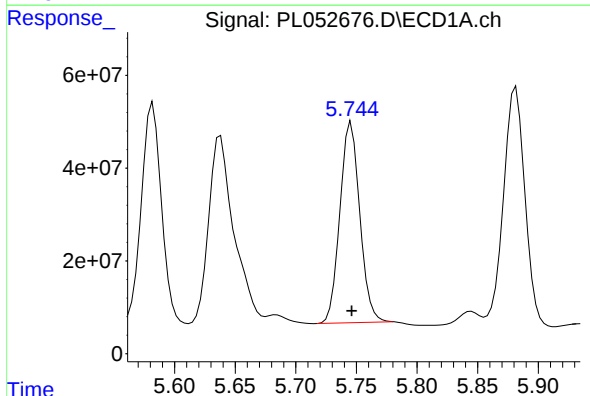
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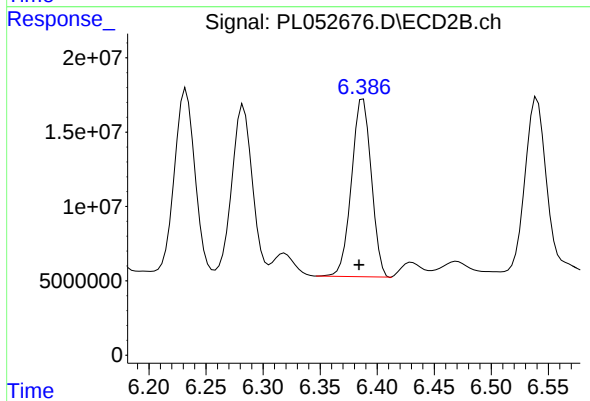
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 148380636
Conc: 59.40 ng/ml



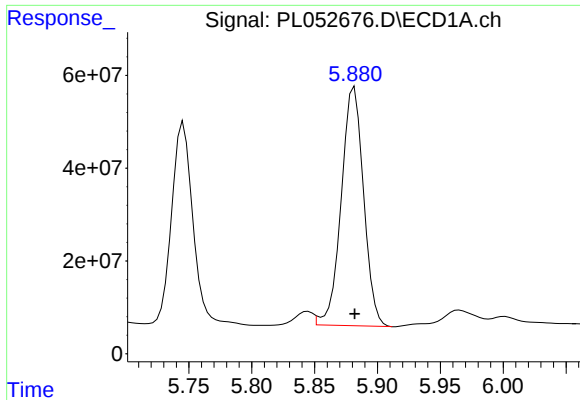
#12 4,4'-DDE

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 493624600
Conc: 52.90 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min
Delta R.T.: 0.003 min
Response: 144280488
Conc: 59.18 ng/ml



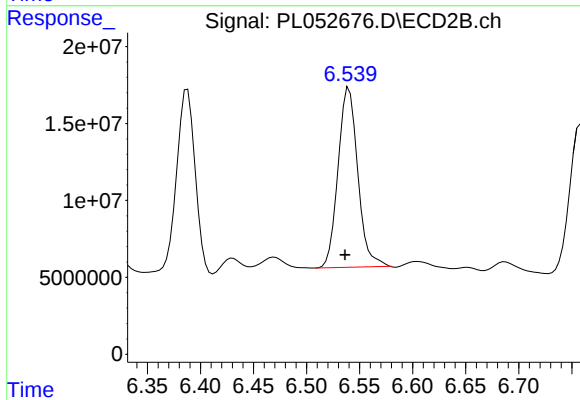
#13 Dieldrin

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 635013816
Conc: 61.26 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

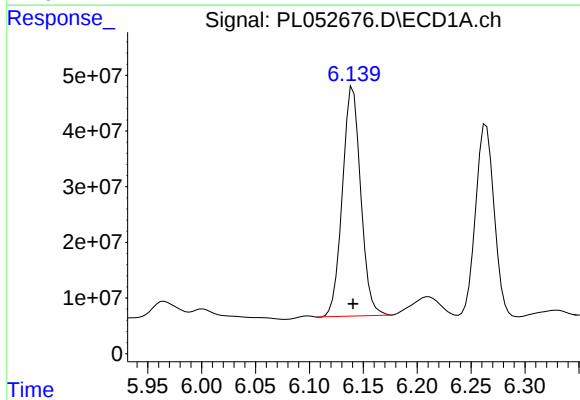
Manual Integrations
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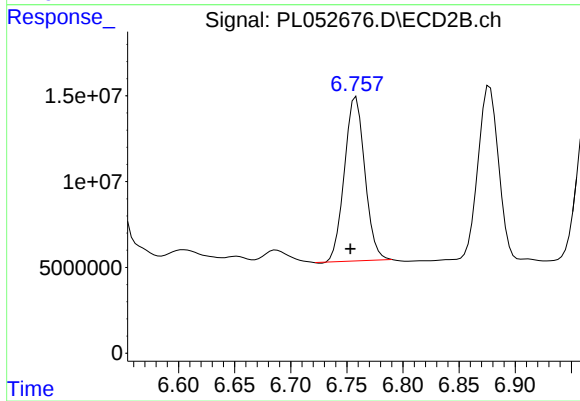
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.004 min
Response: 150787880
Conc: 61.75 ng/ml



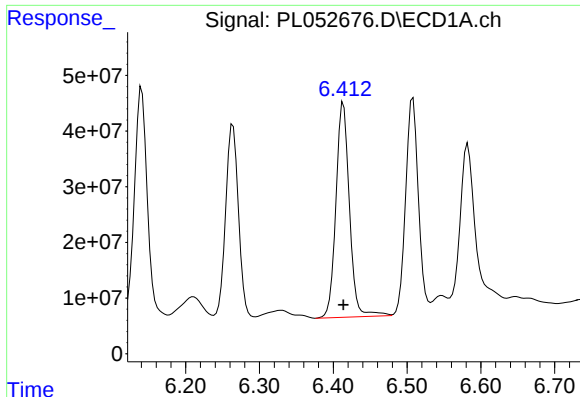
#14 Endrin

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 487836412
Conc: 59.00 ng/ml



#14 Endrin

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 121028064
Conc: 62.53 ng/ml



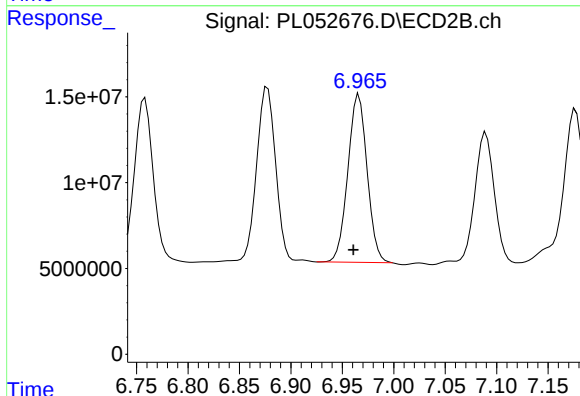
#15 Endosulfan II

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 491955900
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

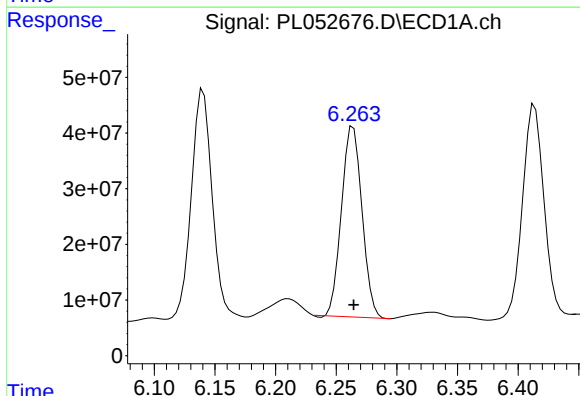
Manual Integrations
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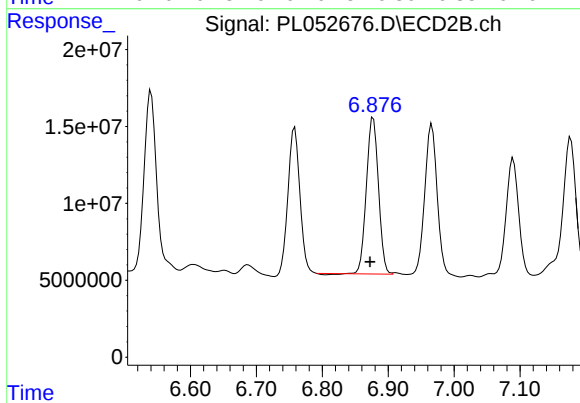
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.005 min
Response: 127554388
Conc: 57.14 ng/ml



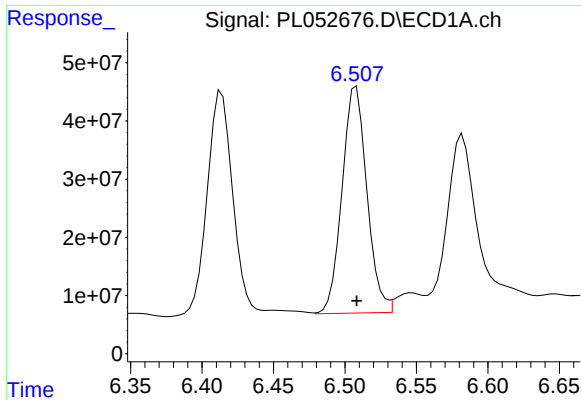
#16 4,4'-DDD

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 402634684
Conc: 52.57 ng/ml



#16 4,4'-DDD

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 129069490
Conc: 70.08 ng/ml



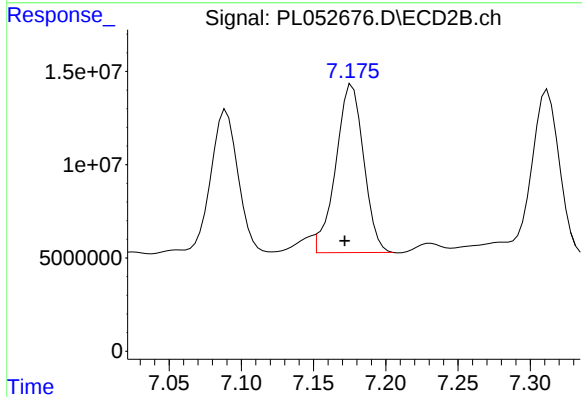
#17 4,4'-DDT

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 470638256
Conc: 60.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

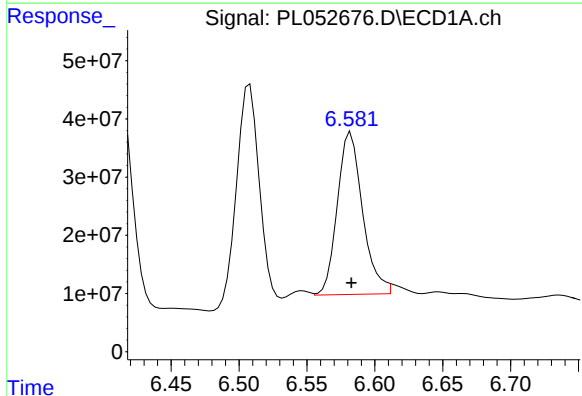
Manual Integrations
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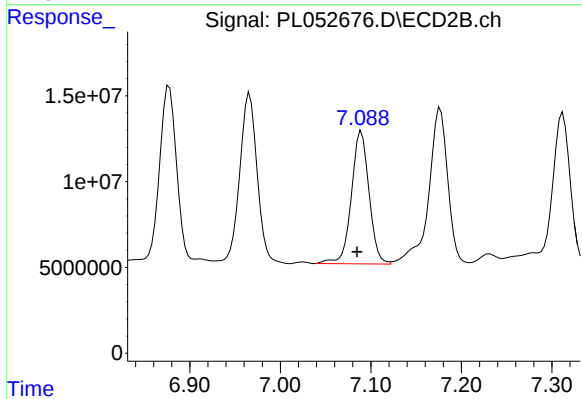
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.004 min
Response: 120205414
Conc: 65.72 ng/ml m



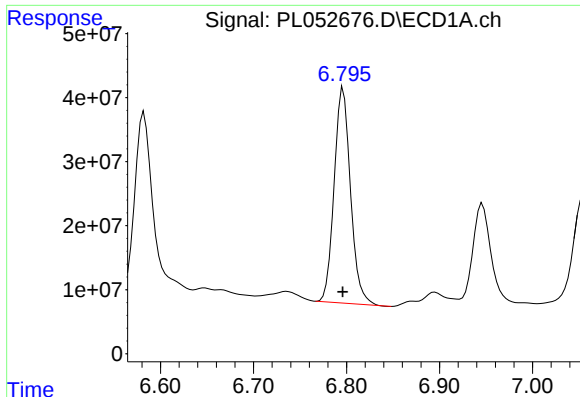
#18 Endrin aldehyde

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 365289480
Conc: 47.25 ng/ml m



#18 Endrin aldehyde

R.T.: 7.090 min
Delta R.T.: 0.005 min
Response: 104988512
Conc: 56.60 ng/ml



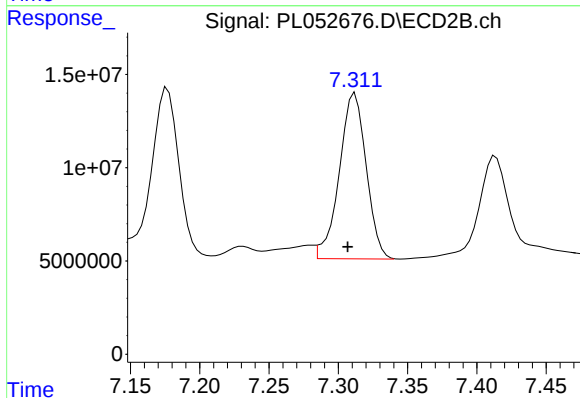
#19 Endosulfan Sulfate

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 411869093
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

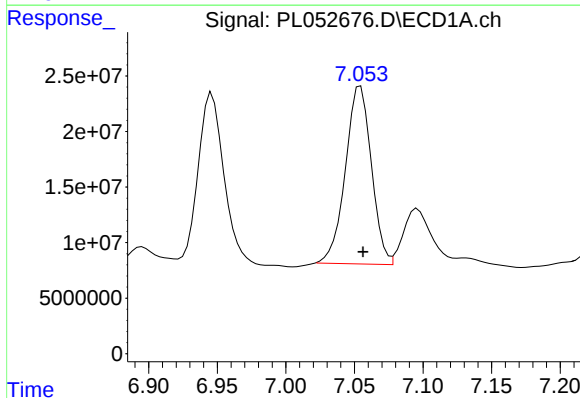
Manual Integrations
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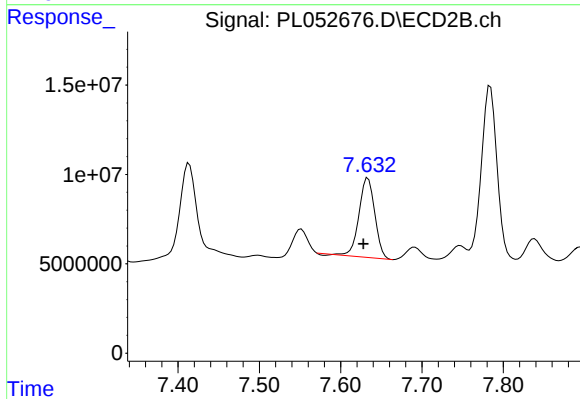
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.004 min
Response: 119783508
Conc: 58.32 ng/ml m



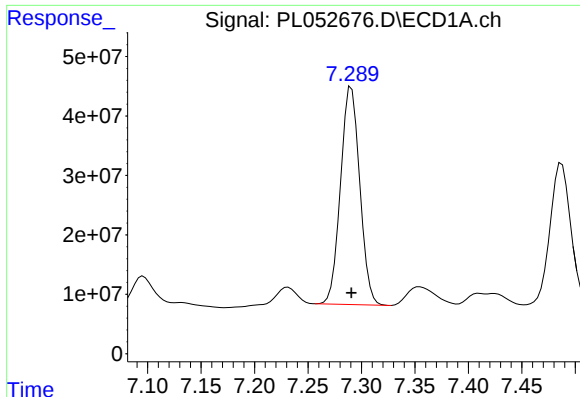
#20 Methoxychlor

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 210989365
Conc: 52.19 ng/ml



#20 Methoxychlor

R.T.: 7.634 min
Delta R.T.: 0.005 min
Response: 59338249
Conc: 58.56 ng/ml



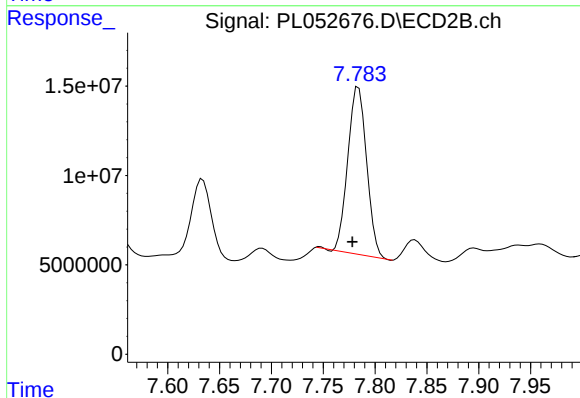
#21 Endrin ketone

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 459297444
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

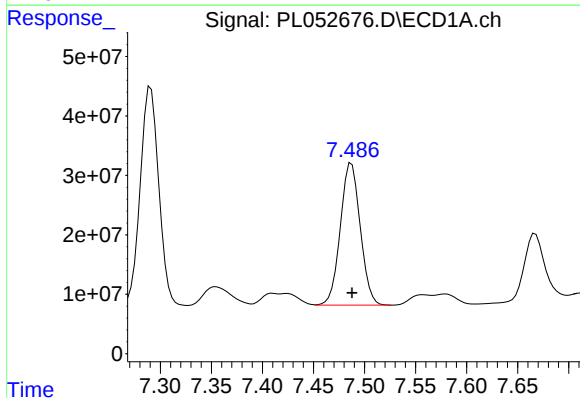
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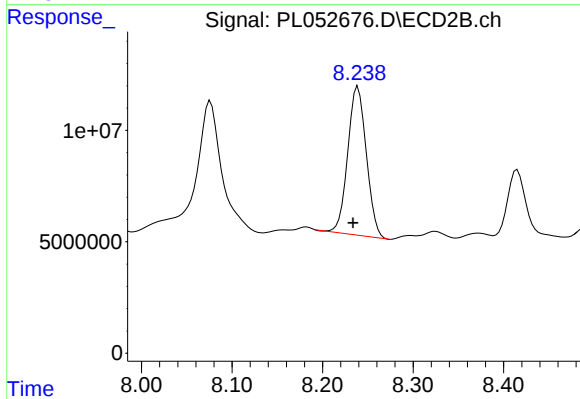
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.006 min
Response: 118793695
Conc: 53.49 ng/ml



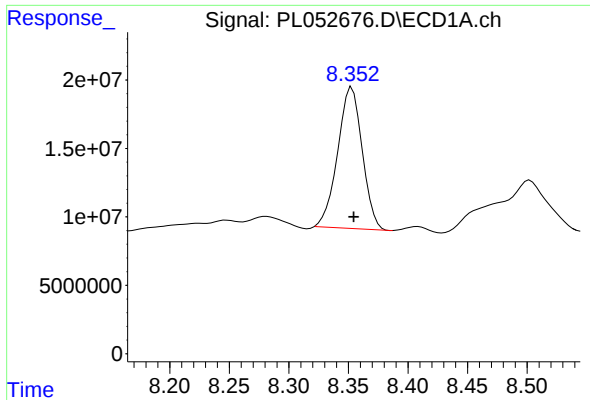
#22 Mirex

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 324471642
Conc: 42.43 ng/ml m



#22 Mirex

R.T.: 8.239 min
Delta R.T.: 0.005 min
Response: 95297463
Conc: 55.68 ng/ml



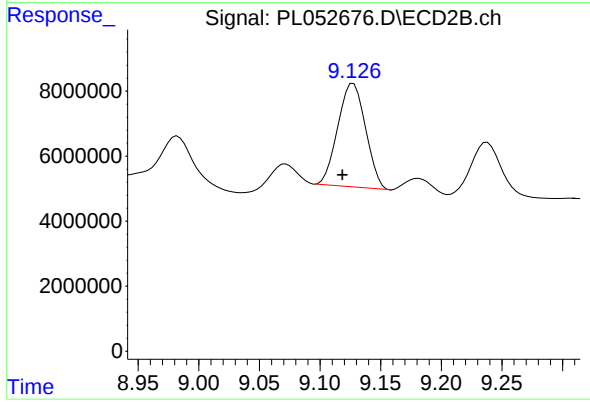
#28 Decachlorobiphenyl

R.T.: 8.353 min
Delta R.T.: -0.001 min
Response: 147913275
Conc: 16.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.009 min
Response: 50671179
Conc: 21.16 ng/ml