

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030819\
 Data File : PL045634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2019 19:36
 Operator : AJ\SJ
 Sample : K1693-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-01-030719-AMSD

Manual Integrations
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 3/11/2019 10:34:37 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 22:00:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.362	3.981	129.1E6	41206911	18.766	19.242
28)	SA Decachlor...	8.044	9.037	160.8E6	46592380	19.218	20.391
Target Compounds							
2)	A alpha-BHC	3.792	4.371	548.8E6	148.9E6	49.409	48.992
3)	MA gamma-BHC...	4.070	4.654	518.1E6	142.1E6	51.265	50.301m
4)	MA Heptachlor	4.357	5.163	524.9E6	144.2E6	49.740	48.463
5)	MB Aldrin	4.597	5.467	482.2E6	129.9E6	49.575	48.084
6)	B beta-BHC	4.322	4.828	205.3E6	61364138	47.895	48.320
7)	B delta-BHC	4.518	5.044	480.7E6	106.5E6	50.293	49.537
8)	B Heptachlo...	5.035	5.853	456.4E6	112.2E6	48.903	46.719
9)	A Endosulfan I	5.367	6.210	439.2E6	118.8E6	49.138	47.713
10)	B gamma-Chl...	5.258	6.087	473.3E6	129.7E6	48.357	48.333
11)	B alpha-Chl...	5.315	6.159	465.0E6	126.7E6	47.953	46.979
12)	B 4,4'-DDE	5.482	6.317	429.7E6	112.3E6	48.953	48.063
13)	MA Dieldrin	5.607	6.466	483.3E6	124.7E6	50.565	48.516
14)	MA Endrin	5.861	6.683	437.8E6	105.9E6	48.619	46.537
15)	B Endosulfa...	6.135	6.893	423.2E6	112.1E6	48.822	47.660
16)	A 4,4'-DDD	5.994	6.807	358.6E6	95070913	48.980	49.437
17)	MA 4,4'-DDT	6.229	7.105	360.1E6	95660319	48.018	48.474
18)	B Endrin al...	6.302	7.017	354.1E6	96680397	48.438	47.295
19)	B Endosulfa...	6.513	7.240	388.4E6	107.8E6	47.783	47.905
20)	A Methoxychlor	6.774	7.564	199.6E6	56623076	45.454	46.132
21)	B Endrin ke...	6.997	7.709	459.5E6	117.9E6	49.877	49.586
22)	Mirex	7.173	8.163	334.8E6	90698661	45.003	45.539

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030819\
Data File : PL045634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2019 19:36
Operator : AJ\SJ
Sample : K1693-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

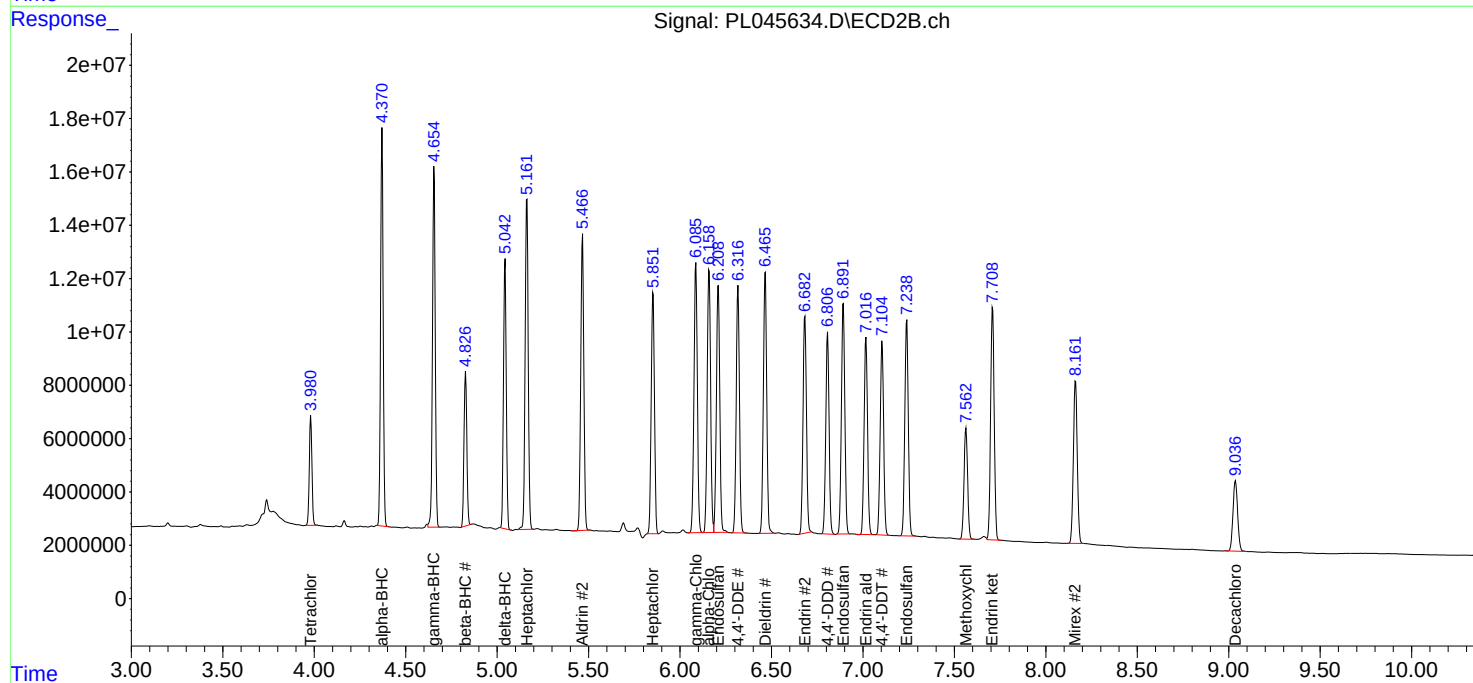
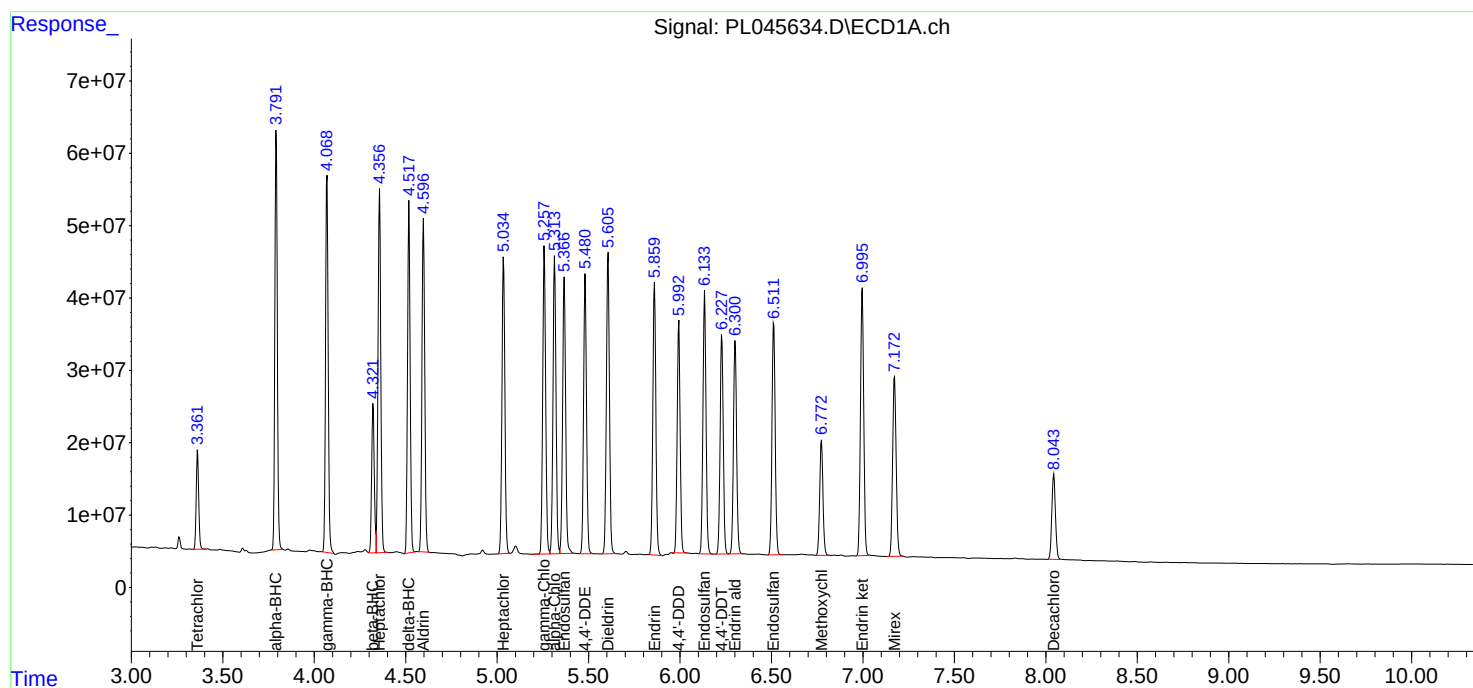
Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

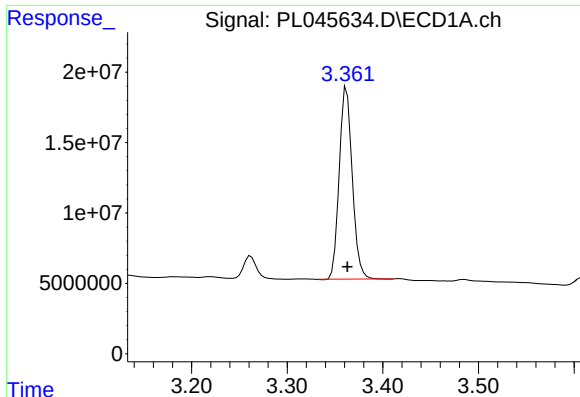
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 22:00:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





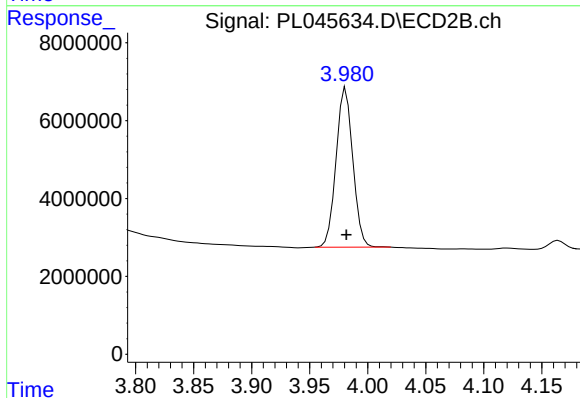
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: 0.000 min
Response: 129094110
Conc: 18.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

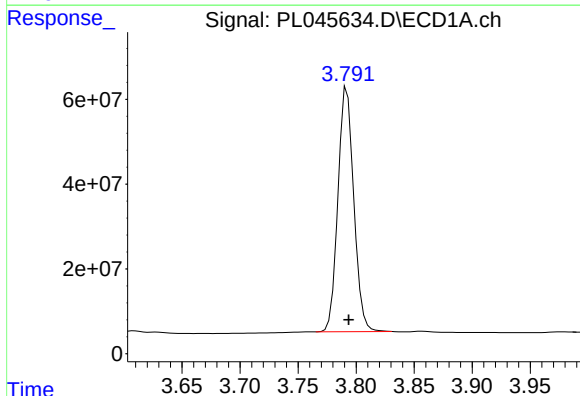
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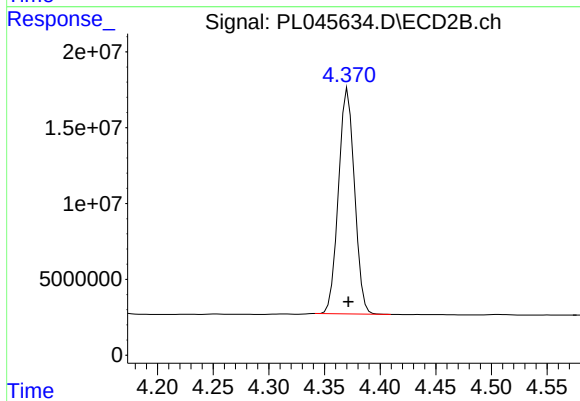
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 41206911
Conc: 19.24 ng/ml



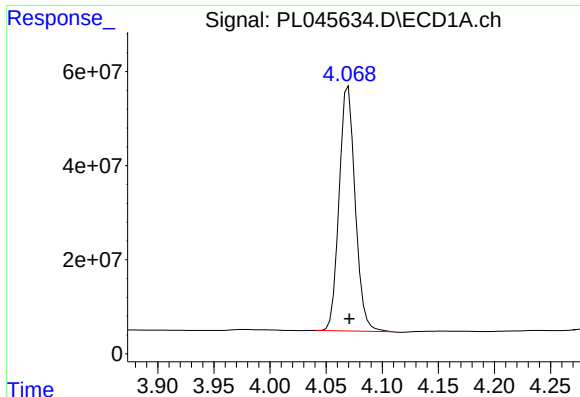
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 548797273
Conc: 49.41 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 148871113
Conc: 48.99 ng/ml



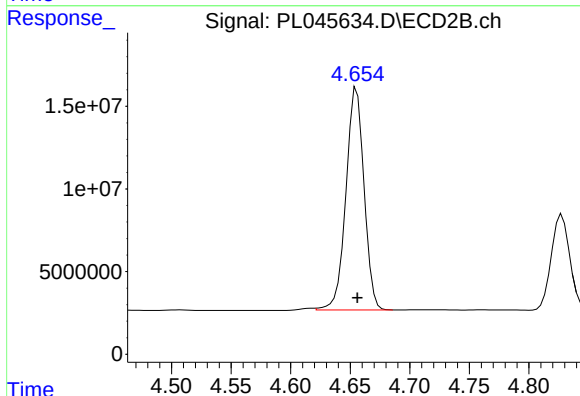
#3 gamma-BHC (Lindane)

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 518140037
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

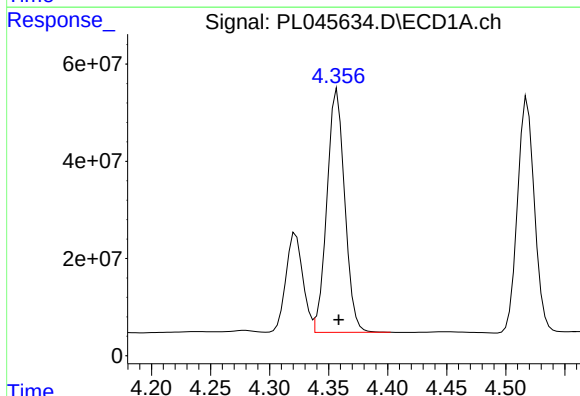
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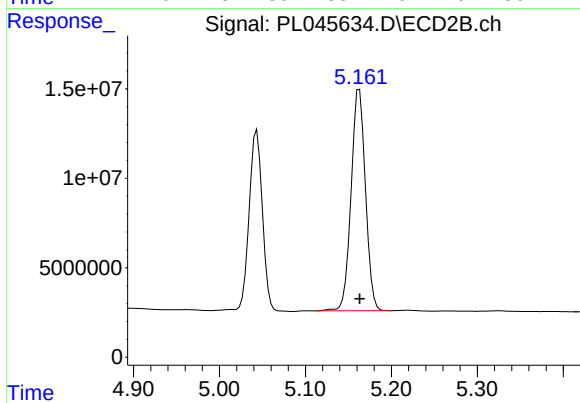
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 142080290
Conc: 50.30 ng/ml m



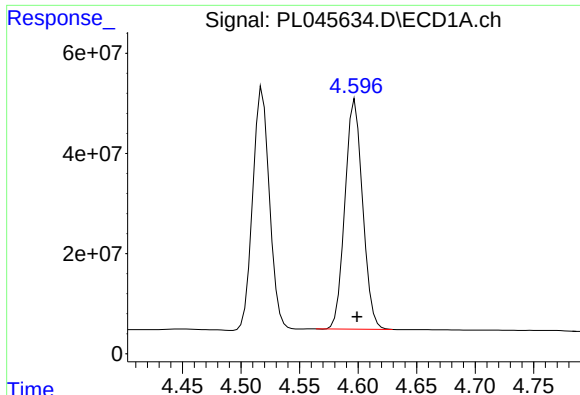
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 524873639
Conc: 49.74 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 144174722
Conc: 48.46 ng/ml



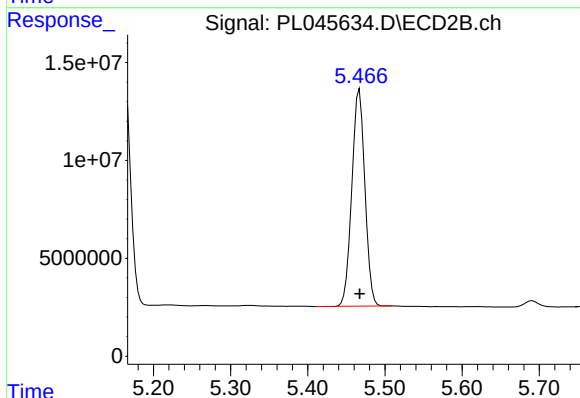
#5 Aldrin

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 482186771
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

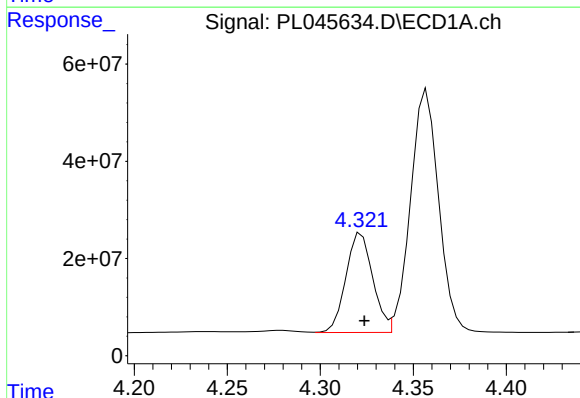
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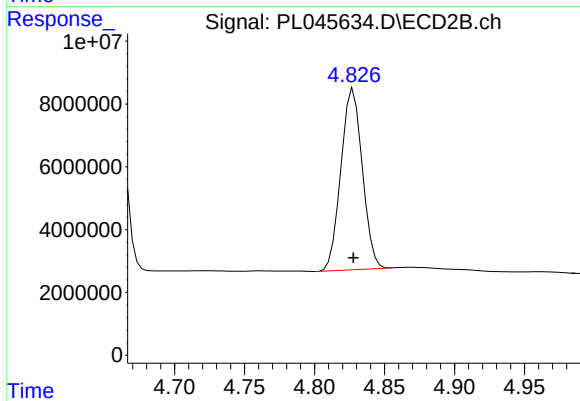
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 129872029
Conc: 48.08 ng/ml



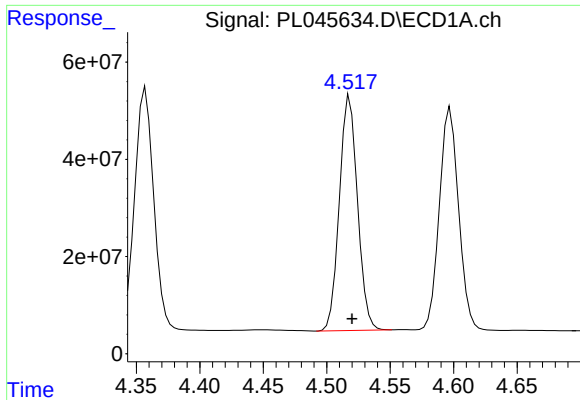
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: -0.001 min
Response: 205282500
Conc: 47.90 ng/ml



#6 beta-BHC

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 61364138
Conc: 48.32 ng/ml



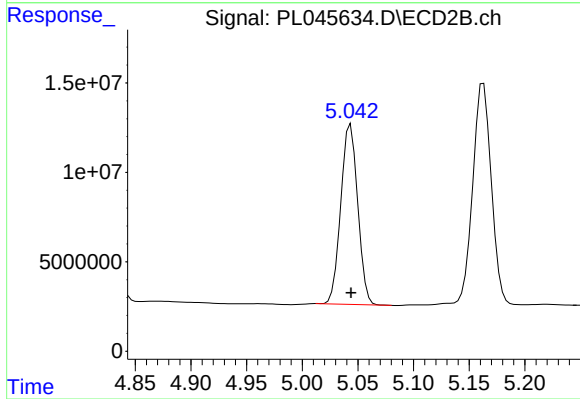
#7 delta-BHC

R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 480694968
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

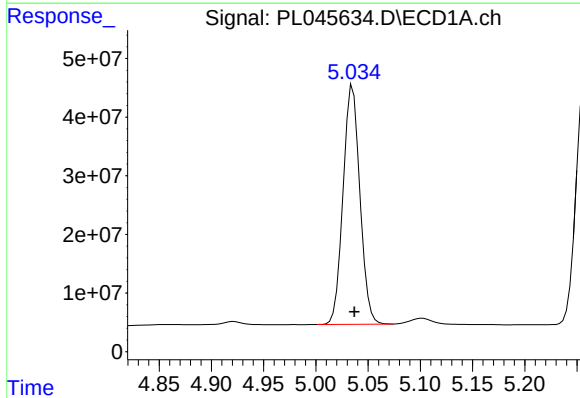
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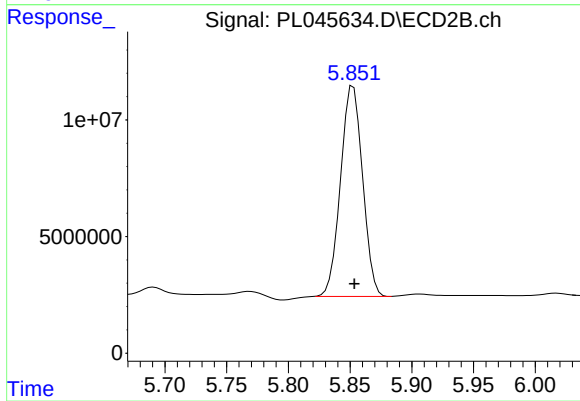
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 106548440
Conc: 49.54 ng/ml



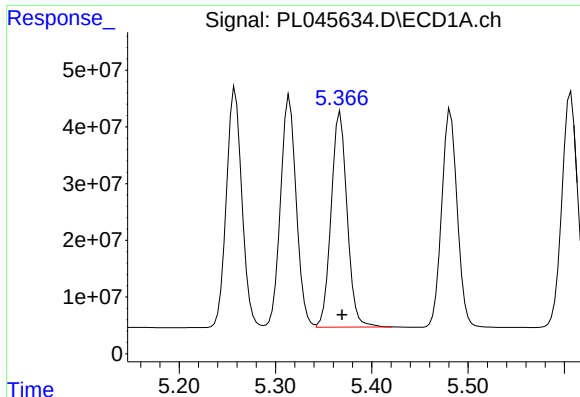
#8 Heptachlor epoxide

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 456417694
Conc: 48.90 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: -0.001 min
Response: 112215112
Conc: 46.72 ng/ml



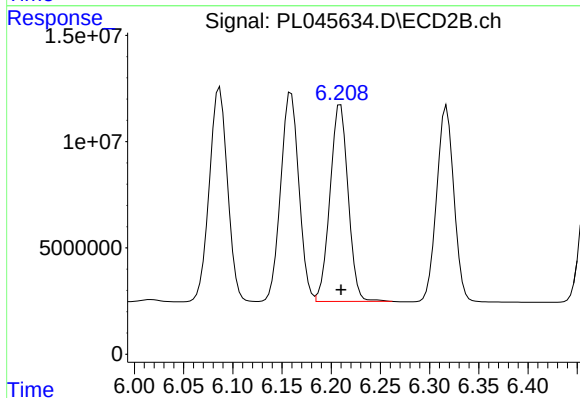
#9 Endosulfan I

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 439208293
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

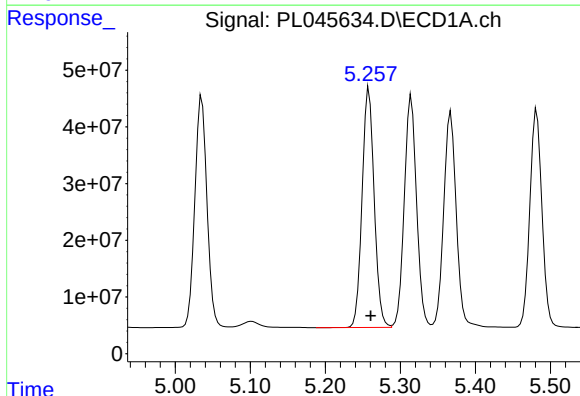
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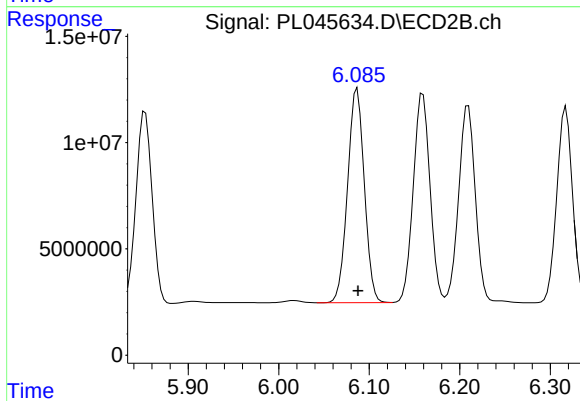
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 118819622
Conc: 47.71 ng/ml



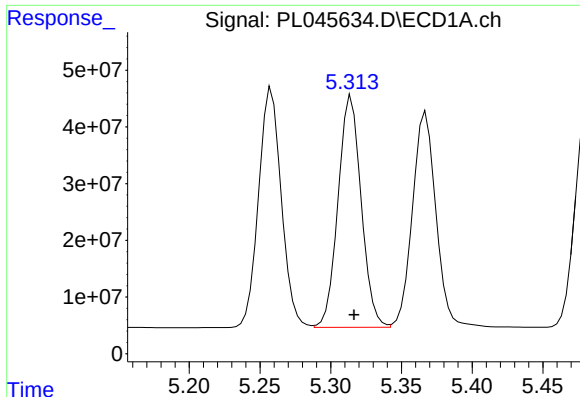
#10 gamma-Chlordane

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 473270373
Conc: 48.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 129673347
Conc: 48.33 ng/ml



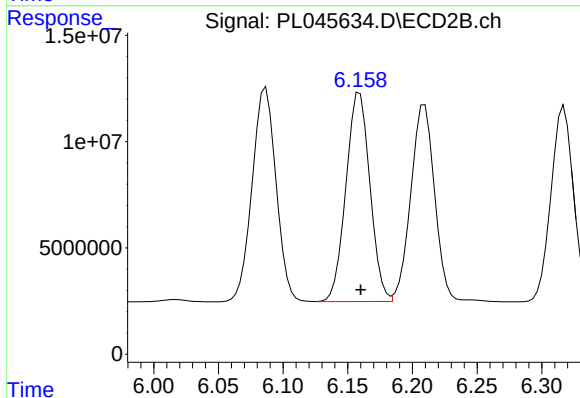
#11 alpha-Chlordane

R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 464997356
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

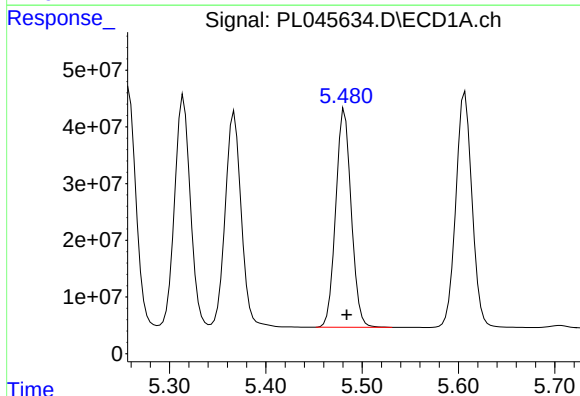
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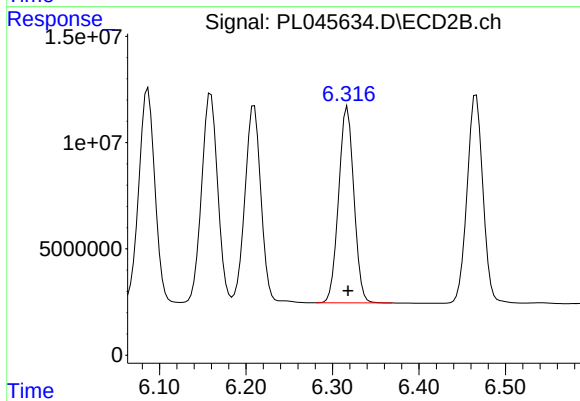
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 126733381
Conc: 46.98 ng/ml



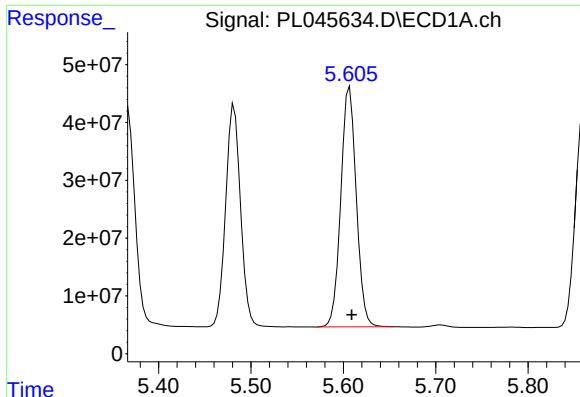
#12 4,4'-DDE

R.T.: 5.482 min
Delta R.T.: -0.002 min
Response: 429719629
Conc: 48.95 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 112270985
Conc: 48.06 ng/ml



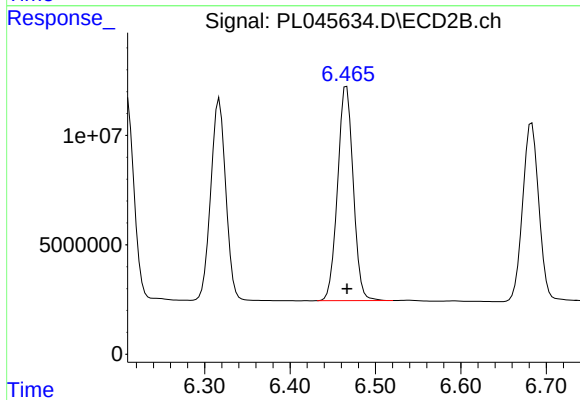
#13 Dieldrin

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 483295811
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

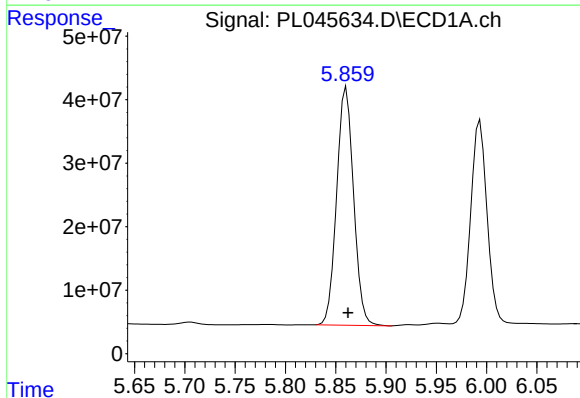
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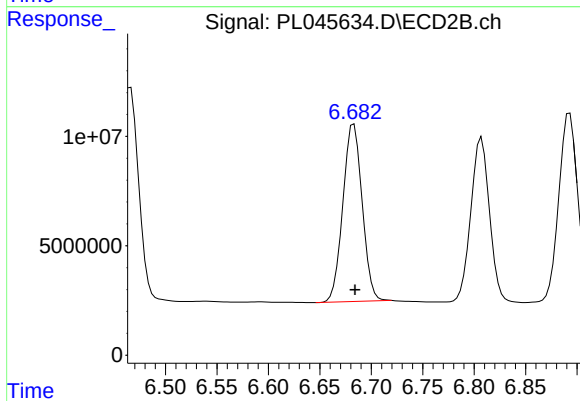
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 124671936
Conc: 48.52 ng/ml



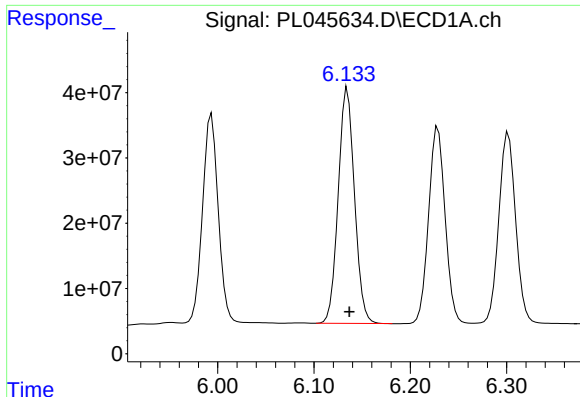
#14 Endrin

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 437846900
Conc: 48.62 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 105884268
Conc: 46.54 ng/ml



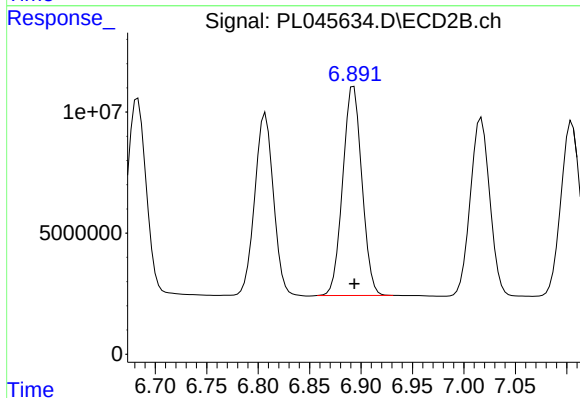
#15 Endosulfan II

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 423216630
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

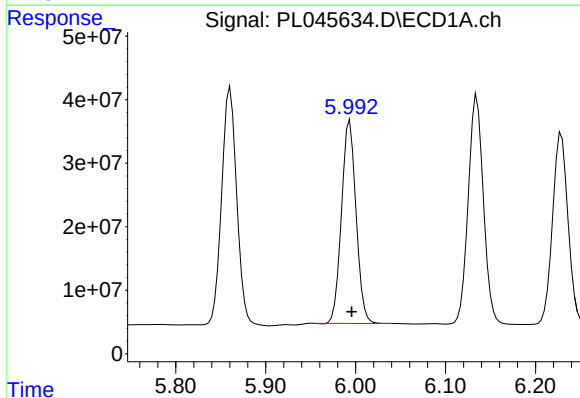
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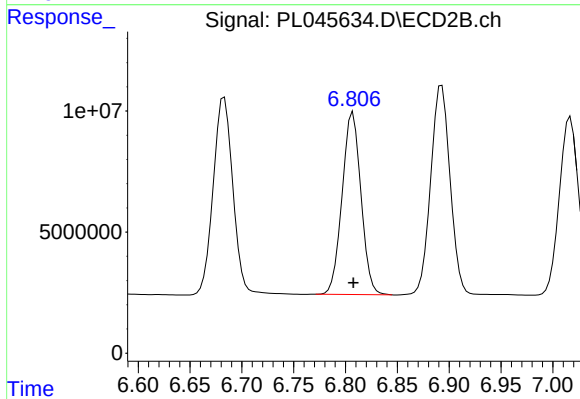
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 112077489
Conc: 47.66 ng/ml



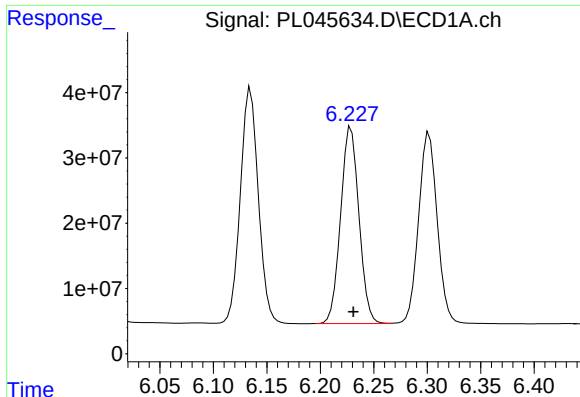
#16 4,4'-DDD

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 358624040
Conc: 48.98 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 95070913
Conc: 49.44 ng/ml



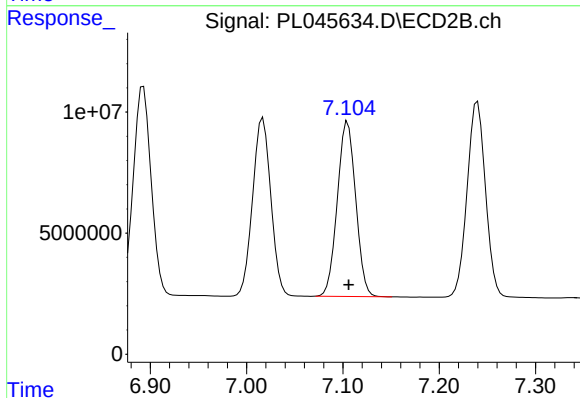
#17 4,4'-DDT

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 360139224
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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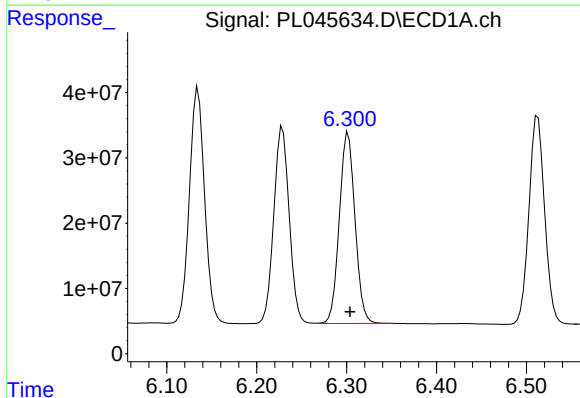
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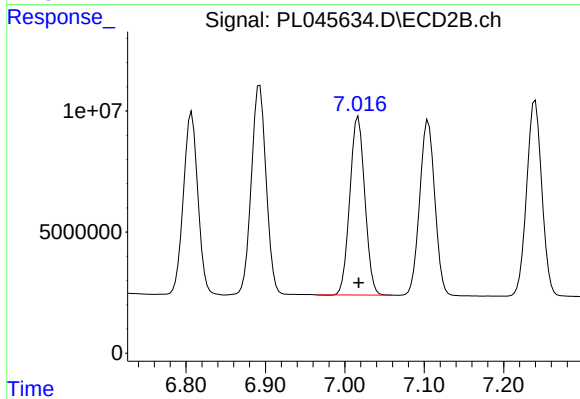
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 95660319
Conc: 48.47 ng/ml



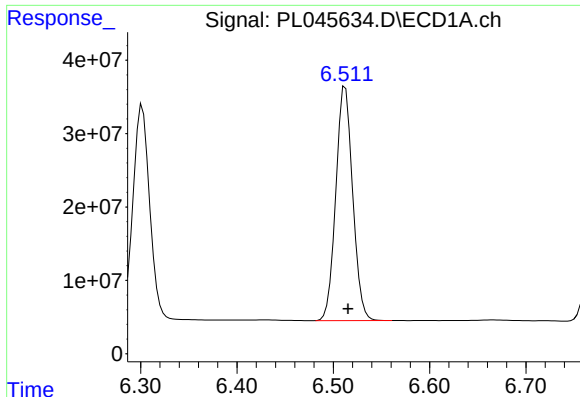
#18 Endrin aldehyde

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 354062445
Conc: 48.44 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 96680397
Conc: 47.29 ng/ml



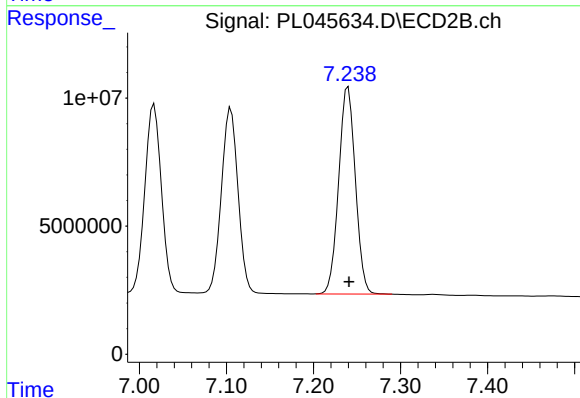
#19 Endosulfan Sulfate

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 388390222
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

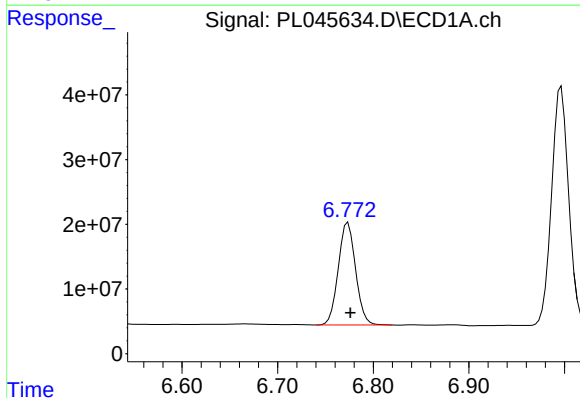
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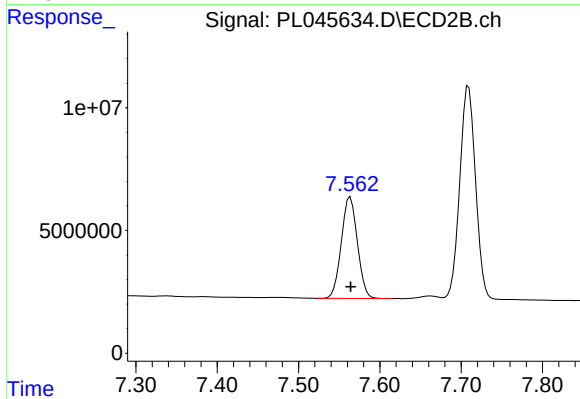
#19 Endosulfan Sulfate

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 107762419
Conc: 47.90 ng/ml



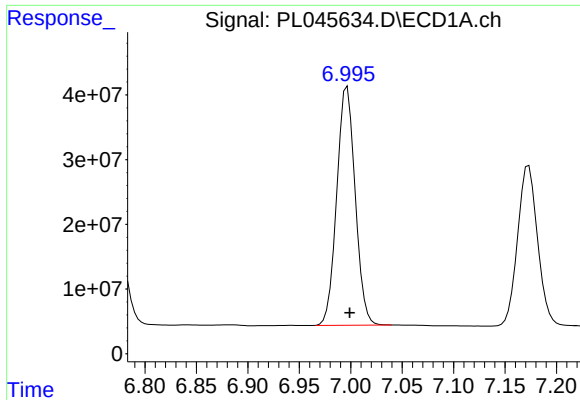
#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 199619411
Conc: 45.45 ng/ml



#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 56623076
Conc: 46.13 ng/ml



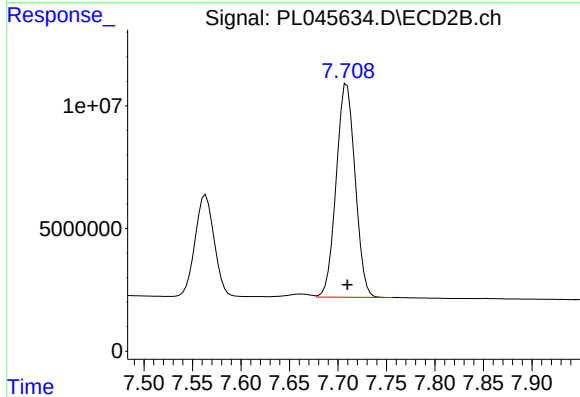
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 459508037
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

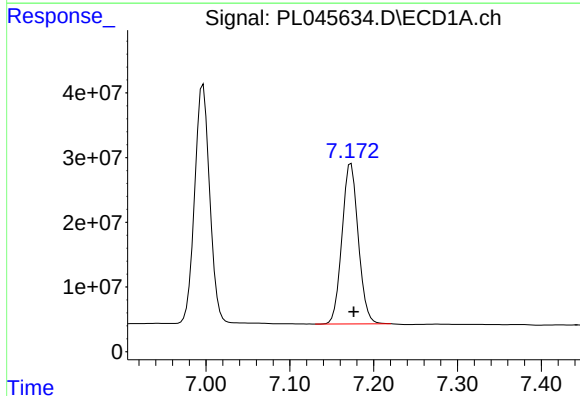
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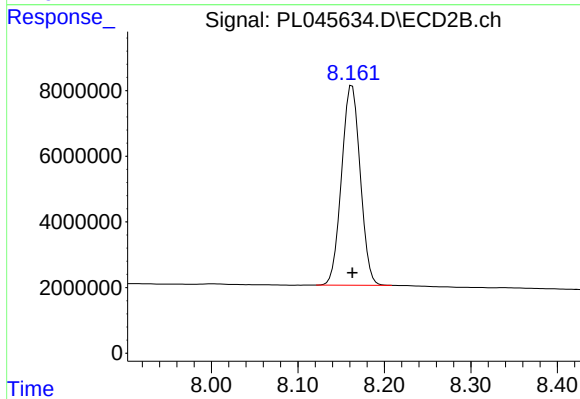
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 117936048
Conc: 49.59 ng/ml



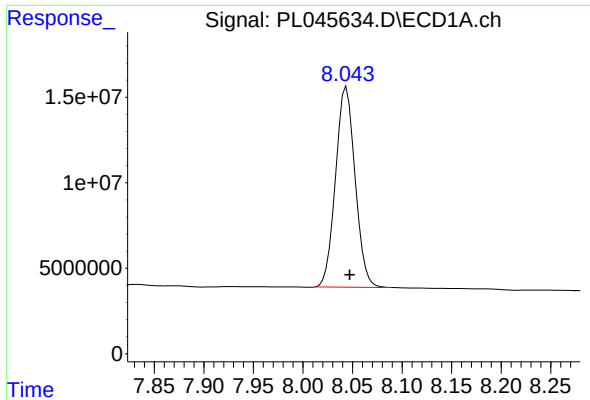
#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 334830279
Conc: 45.00 ng/ml



#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 90698661
Conc: 45.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.044 min

Delta R.T.: -0.003 min

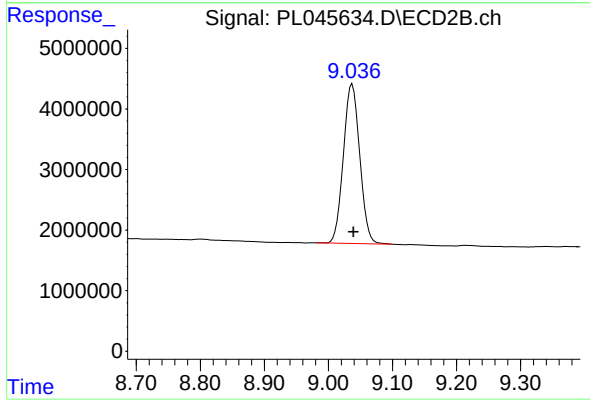
Response: 160809794

Conc: 19.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-01-030719-AMSD

Manual Integrations
APPROVED

Sohil
3/11/2019 10:34:37 AM



#28 Decachlorobiphenyl

R.T.: 9.037 min

Delta R.T.: -0.002 min

Response: 46592380

Conc: 20.39 ng/ml