

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091819\
 Data File : PL052575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 15:04
 Operator : SG\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

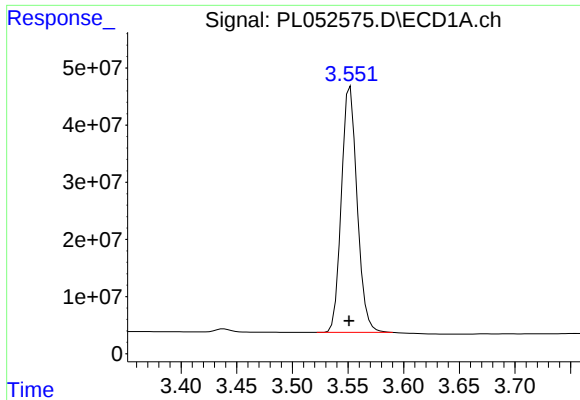
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 01:50:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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	4.046	423.9E6	121.1E6	54.360	55.568
28)	SA Decachlor...	8.351	9.119	410.4E6	132.2E6	46.937	55.203
Target Compounds							
2)	A alpha-BHC	3.997	4.437	683.3E6	177.3E6	56.834	57.991
3)	MA gamma-BHC...	4.284	4.722	634.3E6	167.6E6	56.060	58.039
4)	MA Heptachlor	4.594	5.232	642.4E6	173.9E6	56.851	59.264
5)	MB Aldrin	4.846	5.537	606.1E6	158.4E6	56.131	59.806
6)	B beta-BHC	4.534	4.890	264.3E6	75789780	54.003	56.829
7)	B delta-BHC	4.743	5.107	636.9E6	167.1E6	56.357	58.369
8)	B Heptachlo...	5.293	5.923	566.8E6	158.9E6	55.475	60.608
9)	A Endosulfan I	5.636	6.280	530.5E6	137.8E6	54.378	59.094
10)	B gamma-Chl...	5.523	6.156	585.5E6	154.1E6	55.133	60.554
11)	B alpha-Chl...	5.581	6.229	567.2E6	147.4E6	54.865	59.010
12)	B 4,4'-DDE	5.746	6.384	524.8E6	143.2E6	56.237	58.746
13)	MA Dieldrin	5.882	6.536	575.1E6	144.7E6	55.481	59.269
14)	MA Endrin	6.140	6.754	473.8E6	108.9E6	57.307	56.279
15)	B Endosulfa...	6.412	6.962	505.1E6	127.2E6	52.070	56.986
16)	A 4,4'-DDD	6.264	6.874	433.0E6	108.4E6	56.530	58.878
17)	MA 4,4'-DDT	6.507	7.173	436.2E6	107.8E6	56.198	58.939
18)	B Endrin al...	6.581	7.086	409.5E6	107.8E6	52.966	58.129
19)	B Endosulfa...	6.794	7.308	432.7E6	116.2E6	52.165	56.561
20)	A Methoxychlor	7.054	7.628	215.2E6	56434729	53.217	55.693
21)	B Endrin ke...	7.290	7.779	506.8E6	125.0E6	48.809	56.292
22)	Mirex	7.486	8.234	364.6E6	96498153	47.675	56.384
24)	Chlordane-2	0.000	5.537f	0	158.4E6	N.D.	1931.592 #
25)	Chlordane-3	5.523	6.156	585.5E6	154.1E6	605.215	503.483
26)	Chlordane-4	5.581	6.229	567.2E6	147.4E6	720.708	383.273 #
27)	Chlordane-5	6.412	0.000	505.1E6	0	1640.150	N.D. #

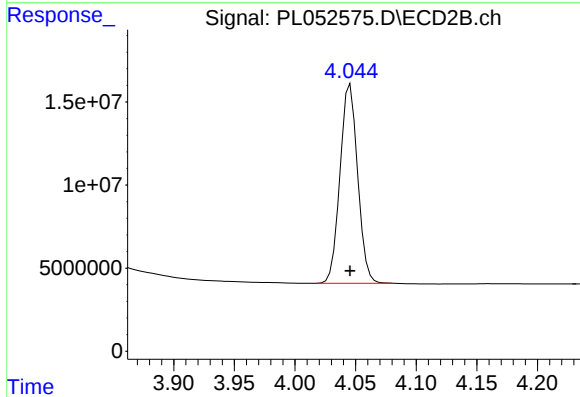
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

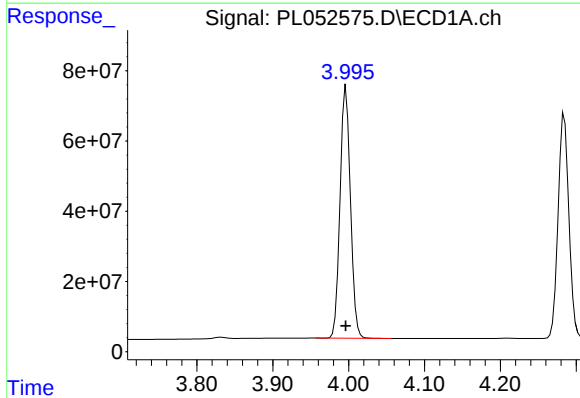
R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 423883333
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



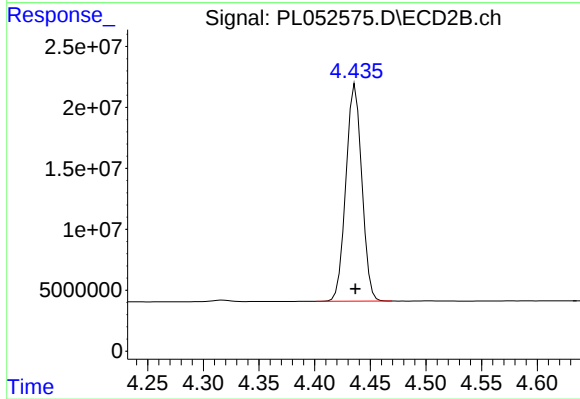
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 121079512
Conc: 55.57 ng/ml



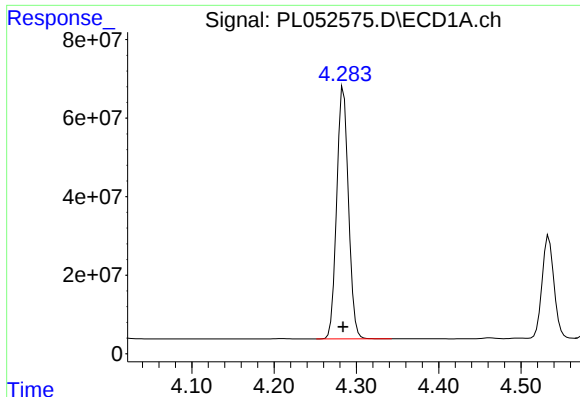
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 683290056
Conc: 56.83 ng/ml



#2 alpha-BHC

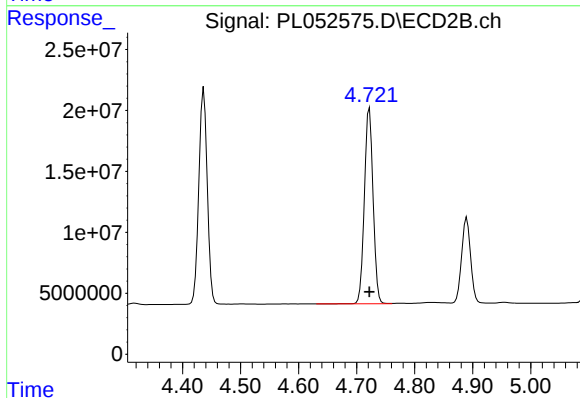
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 177256412
Conc: 57.99 ng/ml



#3 gamma-BHC (Lindane)

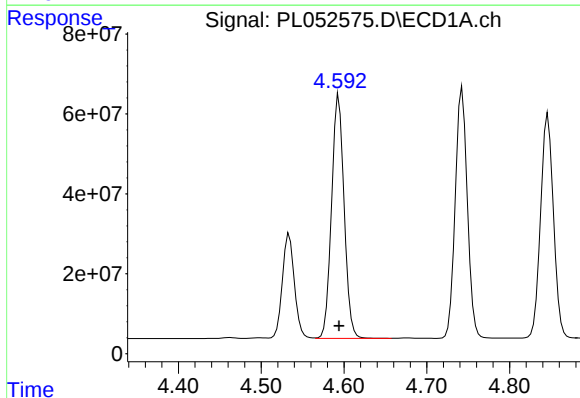
R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 634285638
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



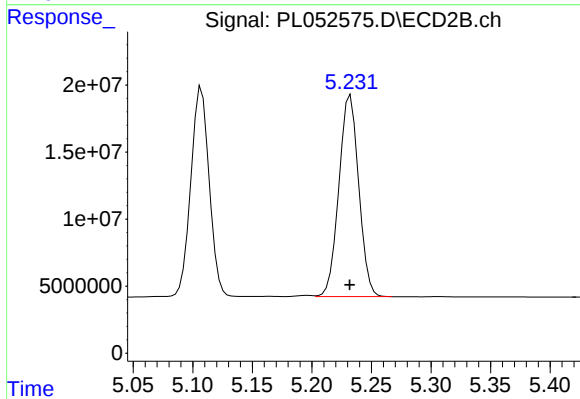
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 167588157
Conc: 58.04 ng/ml



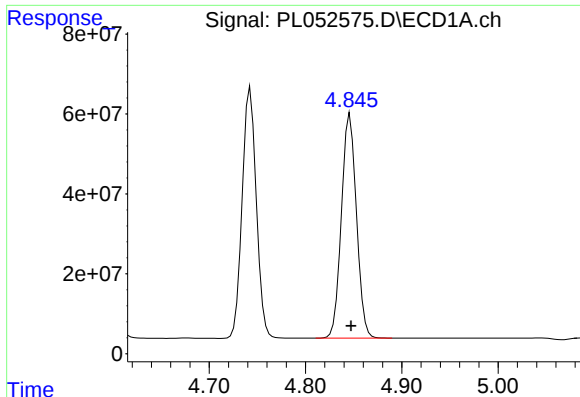
#4 Heptachlor

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 642360956
Conc: 56.85 ng/ml



#4 Heptachlor

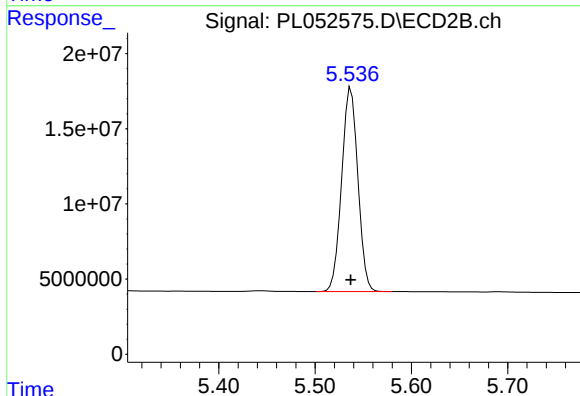
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 173926886
Conc: 59.26 ng/ml



#5 Aldrin

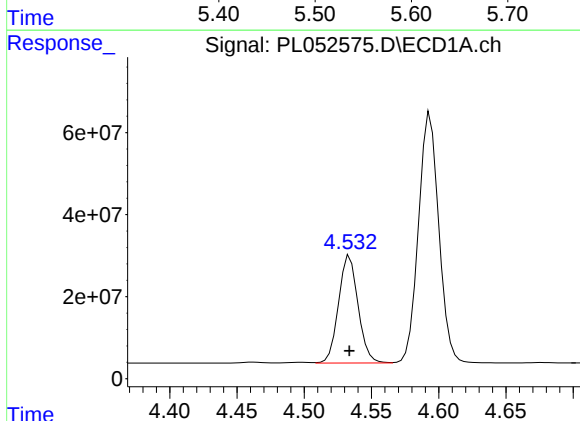
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 606128458
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



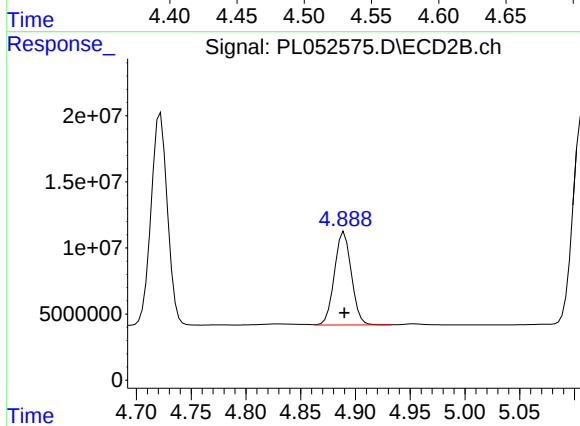
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 158410941
Conc: 59.81 ng/ml



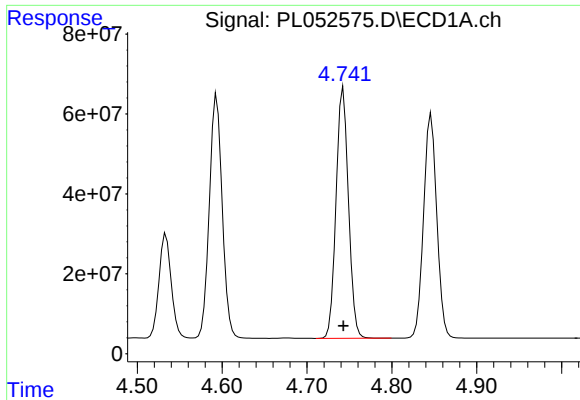
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 264278685
Conc: 54.00 ng/ml



#6 beta-BHC

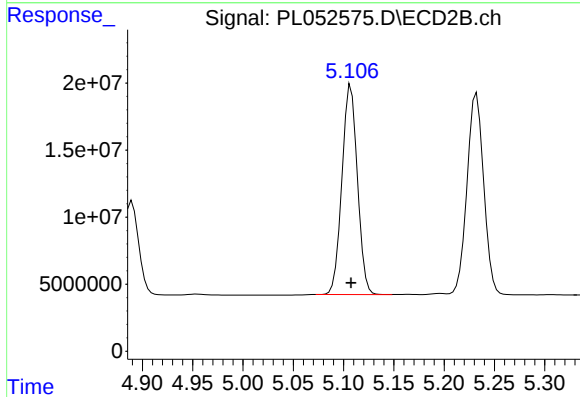
R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 75789780
Conc: 56.83 ng/ml



#7 delta-BHC

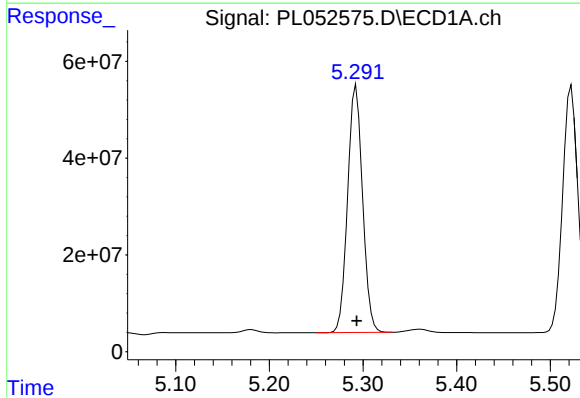
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 636858668
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



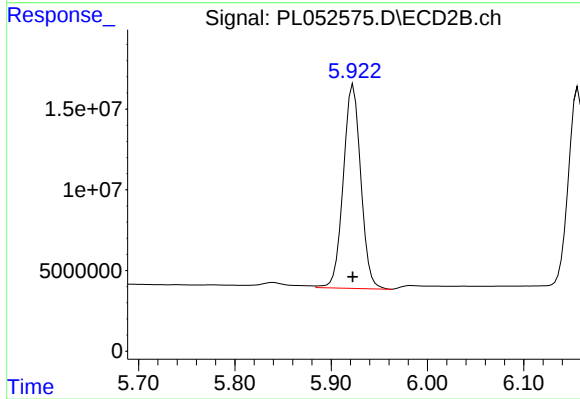
#7 delta-BHC

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 167100886
Conc: 58.37 ng/ml



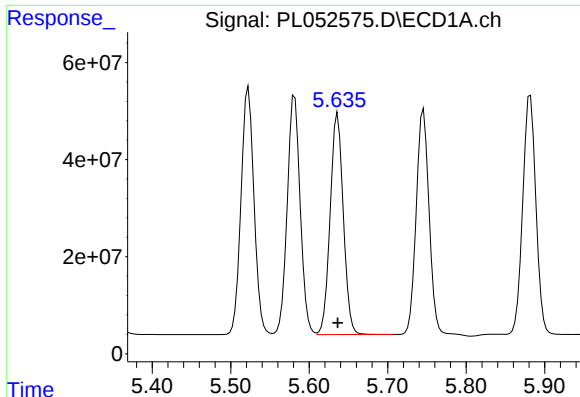
#8 Heptachlor epoxide

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 566800749
Conc: 55.47 ng/ml



#8 Heptachlor epoxide

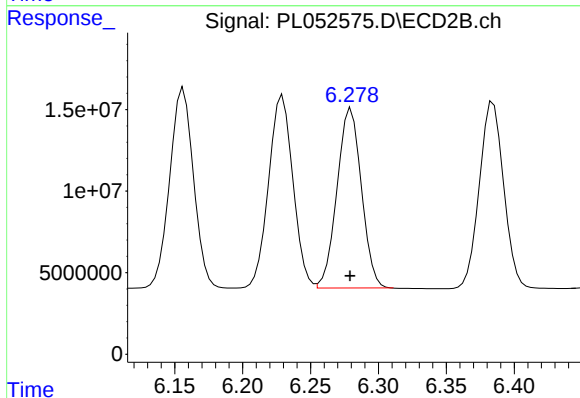
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 158944288
Conc: 60.61 ng/ml



#9 Endosulfan I

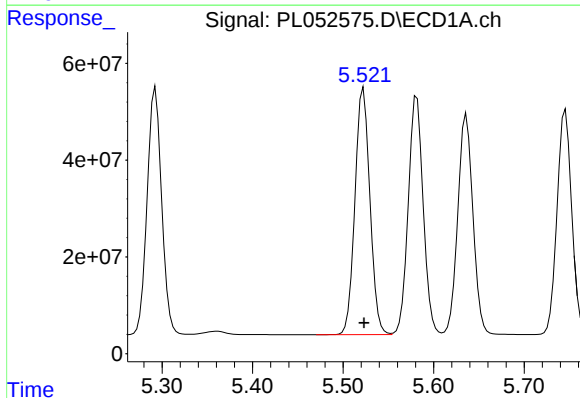
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 530490538
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



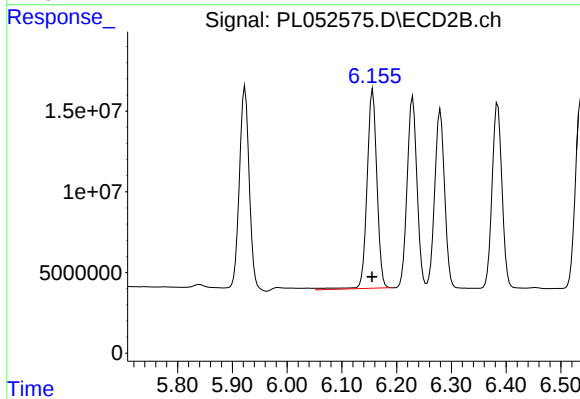
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 137760565
Conc: 59.09 ng/ml



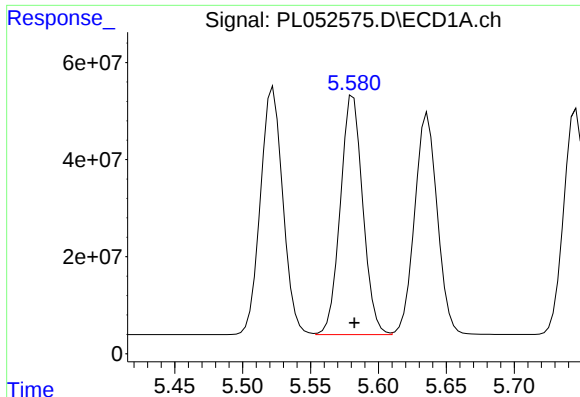
#10 gamma-Chlordane

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 585520505
Conc: 55.13 ng/ml



#10 gamma-Chlordane

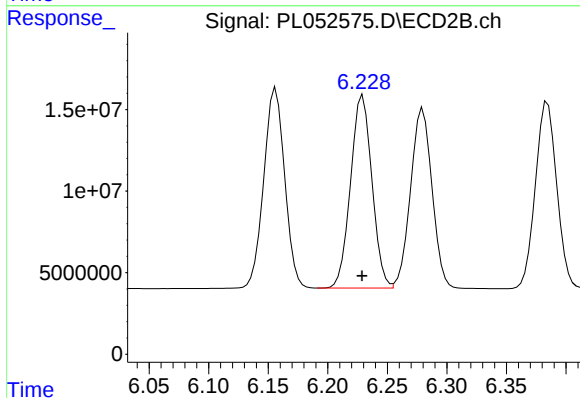
R.T.: 6.156 min
Delta R.T.: 0.001 min
Response: 154050087
Conc: 60.55 ng/ml



#11 alpha-Chlordane

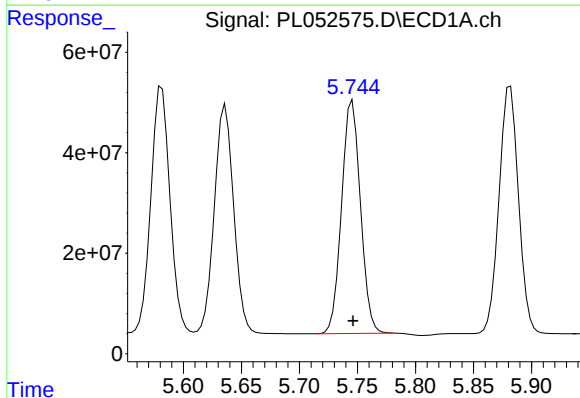
R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 567157503
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



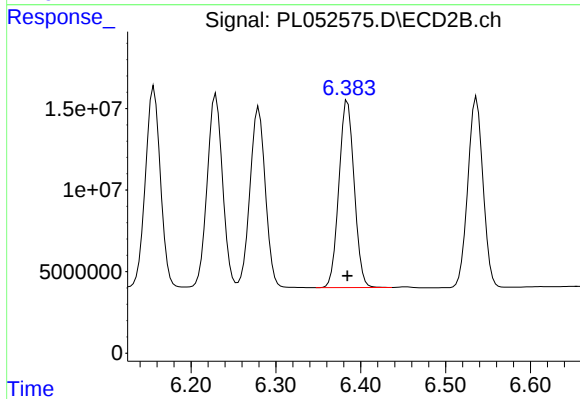
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 147411069
Conc: 59.01 ng/ml



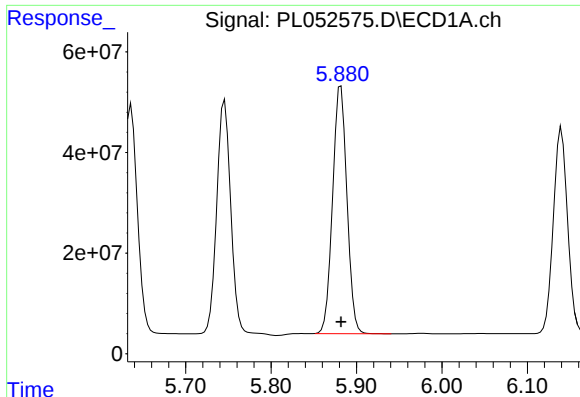
#12 4,4'-DDE

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 524750129
Conc: 56.24 ng/ml



#12 4,4'-DDE

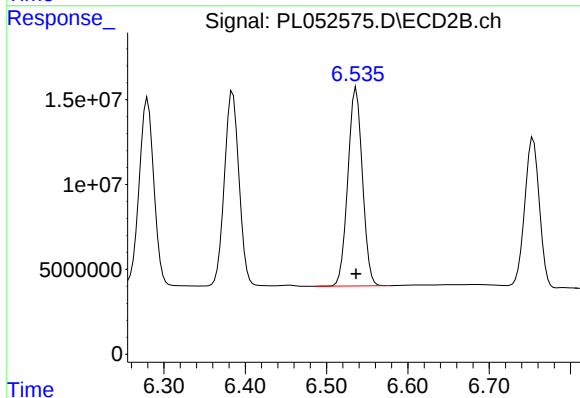
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 143222633
Conc: 58.75 ng/ml



#13 Dieldrin

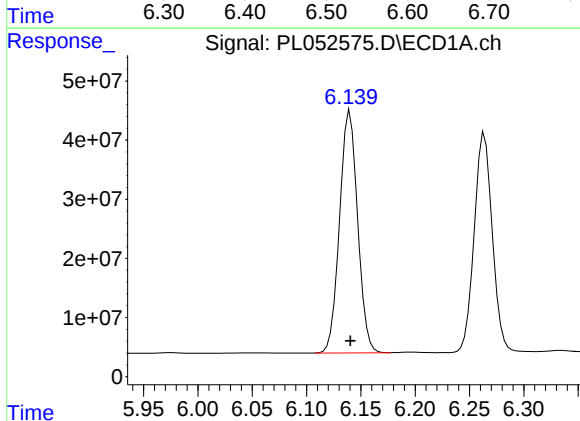
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 575117793
Conc: 55.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



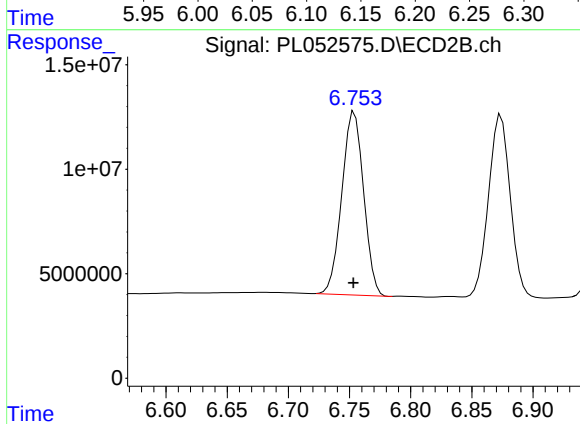
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 144739720
Conc: 59.27 ng/ml



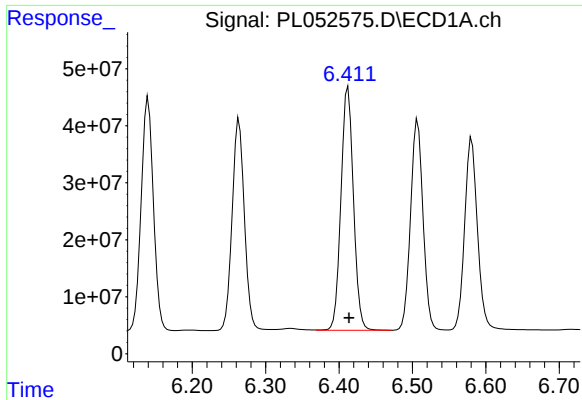
#14 Endrin

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 473801657
Conc: 57.31 ng/ml



#14 Endrin

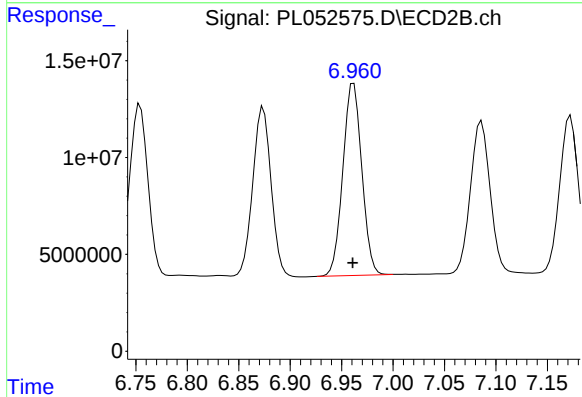
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 108933206
Conc: 56.28 ng/ml



#15 Endosulfan II

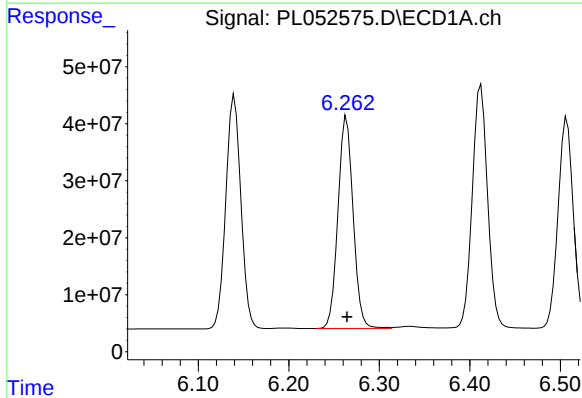
R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 505069017
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



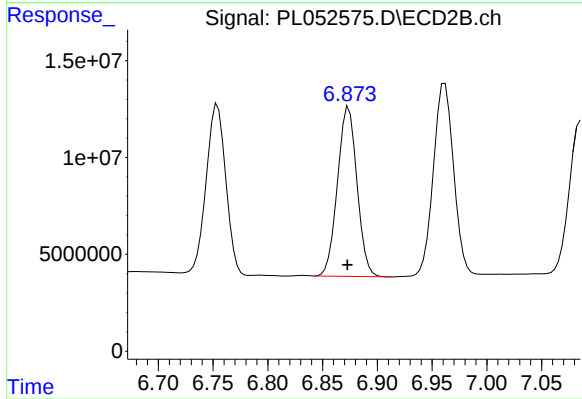
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 127204679
Conc: 56.99 ng/ml



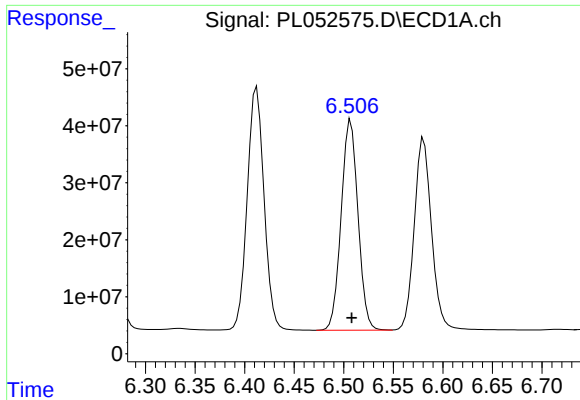
#16 4,4'-DDD

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 432964293
Conc: 56.53 ng/ml



#16 4,4'-DDD

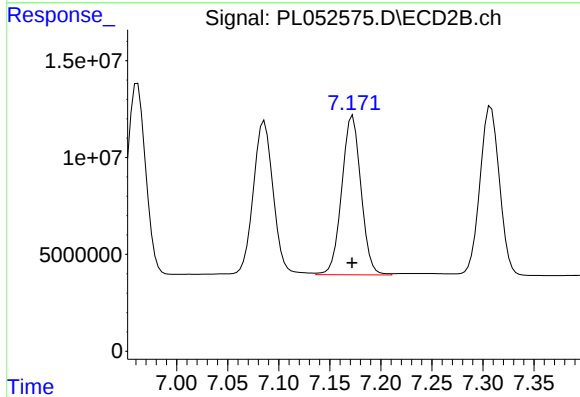
R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 108442172
Conc: 58.88 ng/ml



#17 4,4'-DDT

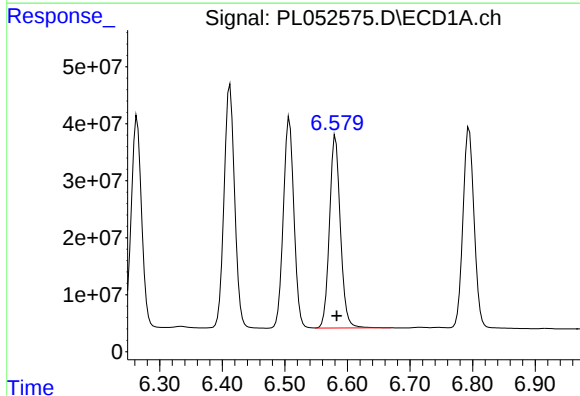
R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 436171005
Conc: 56.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



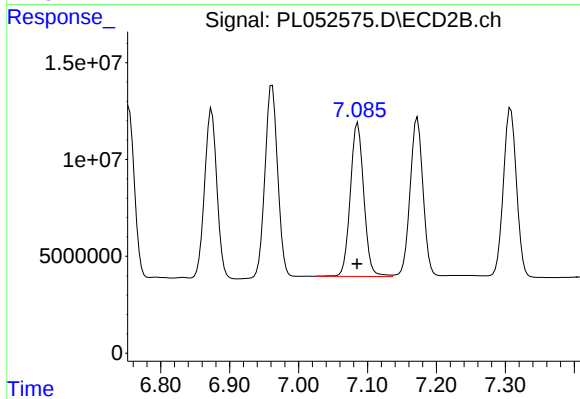
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 107804695
Conc: 58.94 ng/ml



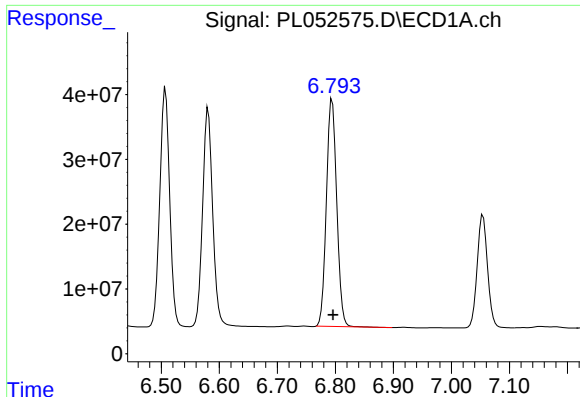
#18 Endrin aldehyde

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 409521453
Conc: 52.97 ng/ml



#18 Endrin aldehyde

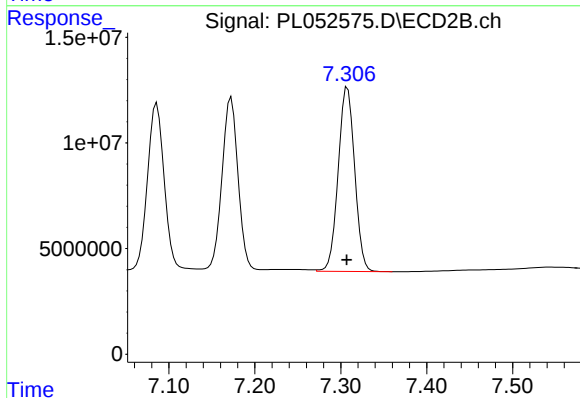
R.T.: 7.086 min
Delta R.T.: 0.001 min
Response: 107831410
Conc: 58.13 ng/ml



#19 Endosulfan Sulfate

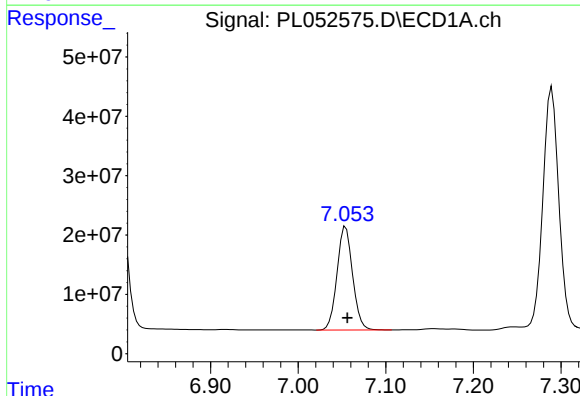
R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 432698146
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



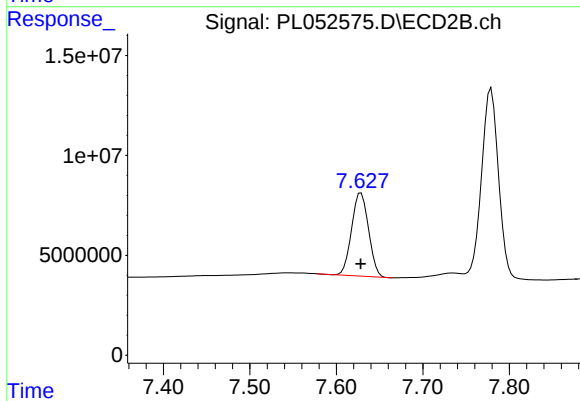
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 116171149
Conc: 56.56 ng/ml



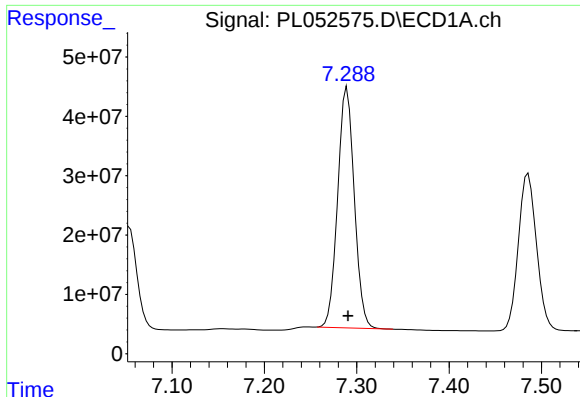
#20 Methoxychlor

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 215159152
Conc: 53.22 ng/ml



#20 Methoxychlor

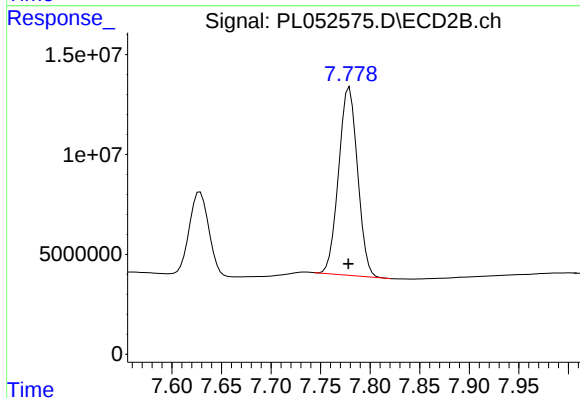
R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 56434729
Conc: 55.69 ng/ml



#21 Endrin ketone

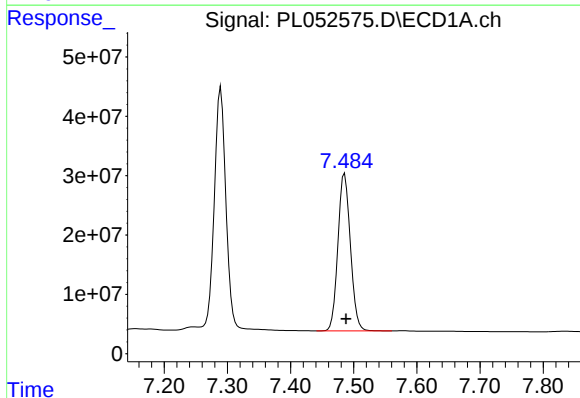
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 506791873
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



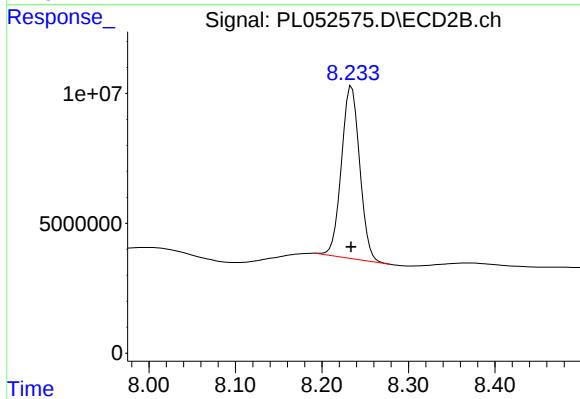
#21 Endrin ketone

R.T.: 7.779 min
Delta R.T.: 0.001 min
Response: 125007701
Conc: 56.29 ng/ml



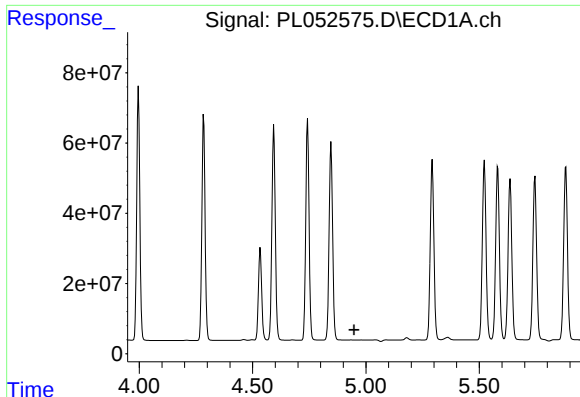
#22 Mirex

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 364603032
Conc: 47.67 ng/ml



#22 Mirex

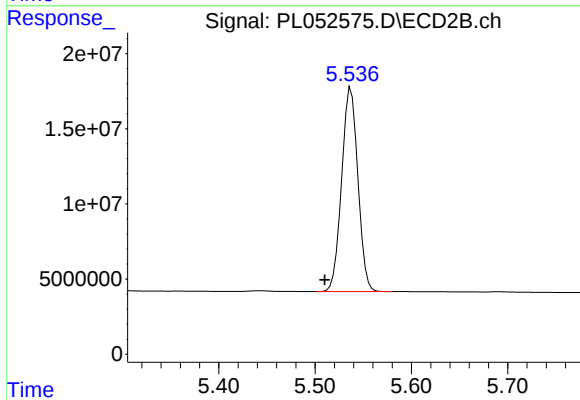
R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 96498153
Conc: 56.38 ng/ml



#24 Chlordane-2

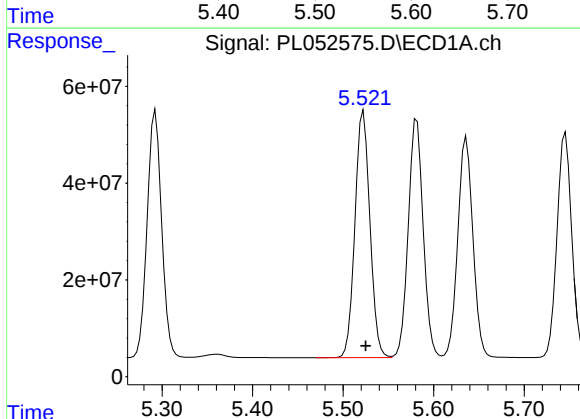
R.T.: 0.000 min
Exp R.T.: 4.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



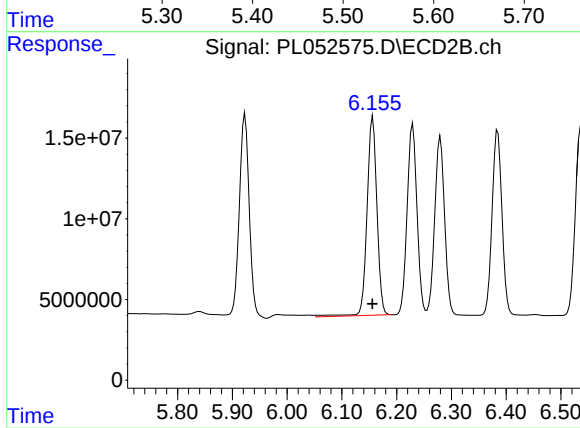
#24 Chlordane-2

R.T.: 5.537 min
Delta R.T.: 0.027 min
Response: 158410941
Conc: 1931.59 ng/ml



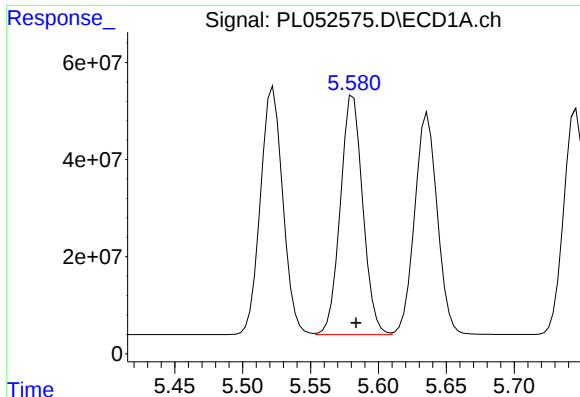
#25 Chlordane-3

R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 585520505
Conc: 605.22 ng/ml



#25 Chlordane-3

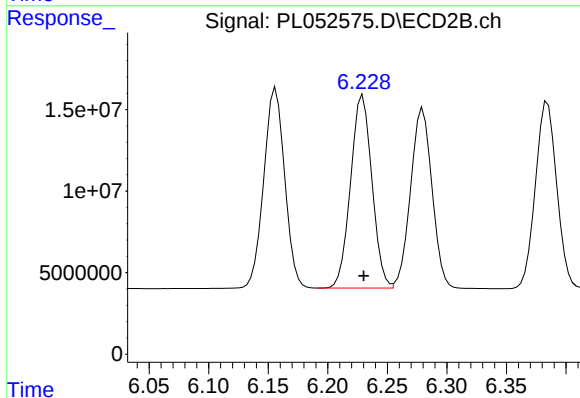
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 154050087
Conc: 503.48 ng/ml



#26 Chlordane-4

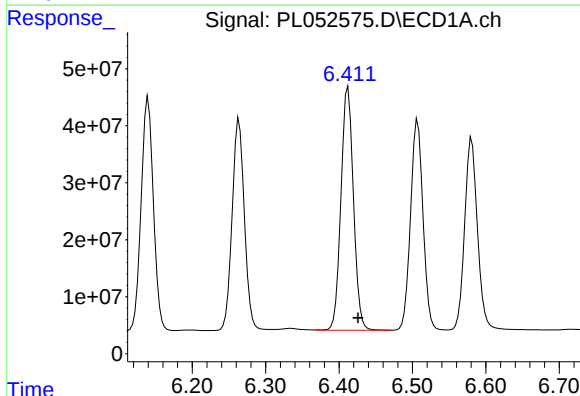
R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 567157503
Conc: 720.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



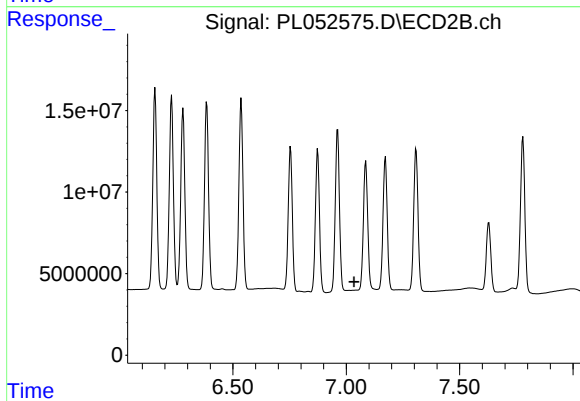
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 147411069
Conc: 383.27 ng/ml



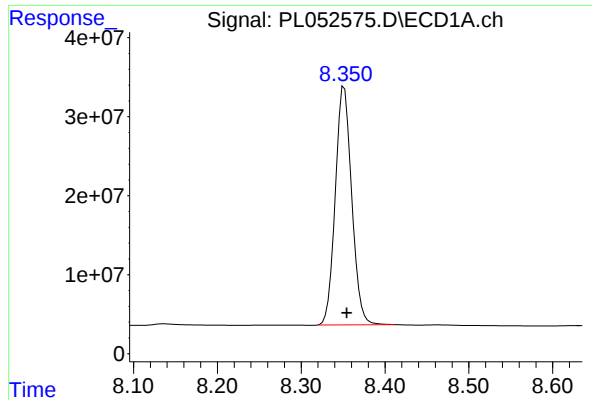
#27 Chlordane-5

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 505069017
Conc: 1640.15 ng/ml



#27 Chlordane-5

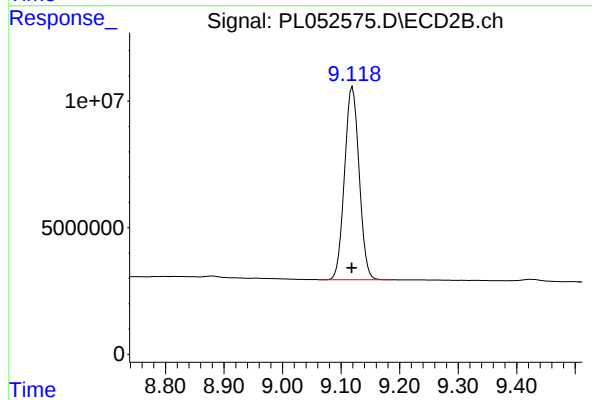
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 410442704
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 132191588
Conc: 55.20 ng/ml