

Data Path : P:\HPCHEM1\ECD_L\Data\PL012918\
 Data File : PL032639.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 17:28
 Operator : UA\AJ
 Sample : J1305-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENGINE-WASHMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 22:47:33 2018
 Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 04:03:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 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...	3.409	3.994	142.4E6	35846517	15.930	28.624 #
28)	SA Decachlor...	8.113	9.028	92343492	11860350	7.936	6.236
Target Compounds							
2)	A alpha-BHC	3.846	4.372	603.7E6	118.5E6	42.907	51.177
3)	MA gamma-BHC...	4.126	4.653	528.3E6	91407420	40.914	42.553
4)	MA Heptachlor	4.415	5.168	539.6E6	89016282	40.765	42.638
5)	MB Aldrin	4.658	5.471	411.8E6	110.9E6	32.043	52.980 #
6)	B beta-BHC	4.381	4.813	681.1E6	37420912	119.257	39.209 #
7)	B delta-BHC	4.576	5.026	529.6E6	193.2E6	39.678	86.889 #
8)	B Heptachlo...	5.099	5.851	482.6E6	69758262	40.777	39.017
9)	A Endosulfan I	5.433	6.204	395.3E6	70418992	34.634	39.026
10)	B gamma-Chl...	5.321	6.084	437.5E6	78980535	33.896	40.507
11)	B alpha-Chl...	5.380	6.158	478.8E6	76783517	38.486	40.511
12)	B 4,4'-DDE	5.546	6.313	435.3E6	71596929	34.258	37.543
13)	MA Dieldrin	5.673	6.458	442.9E6	75271855	34.596	39.388
14)	MA Endrin	5.929	6.672	421.6E6	67719301	36.103	40.156
15)	B Endosulfa...	6.202	6.874	368.8E6	71267692	31.430	40.477 #
16)	A 4,4'-DDD	6.059	6.794	302.1E6	64665722	28.715	45.341 #
17)	MA 4,4'-DDT	6.295	7.095	346.4E6	46023317	32.769	34.515
18)	B Endrin al...	6.371	6.997	301.8E6	70362671	30.558	47.517 #
19)	B Endosulfa...	6.582	7.220	420.1E6	69681069	37.923	43.206
20)	A Methoxychlor	6.844	7.551	158.0E6	34989925	27.195	42.927 #
21)	B Endrin ke...	7.070	7.683	432.2E6	75942525	34.506	42.051
23)	Chlordane-1	0.000	5.026	0	193.2E6	N.D.	2498.344 #
24)	Chlordane-2	4.415	5.168	539.6E6	89016282	878.811	758.557
25)	Chlordane-3	5.321	6.084	437.5E6	78980535	293.087	286.590
26)	Chlordane-4	5.380	6.158	478.8E6	76783517	372.269	235.021 #
27)	Chlordane-5	6.202	6.933	368.8E6	2600501	745.838	43.151 #

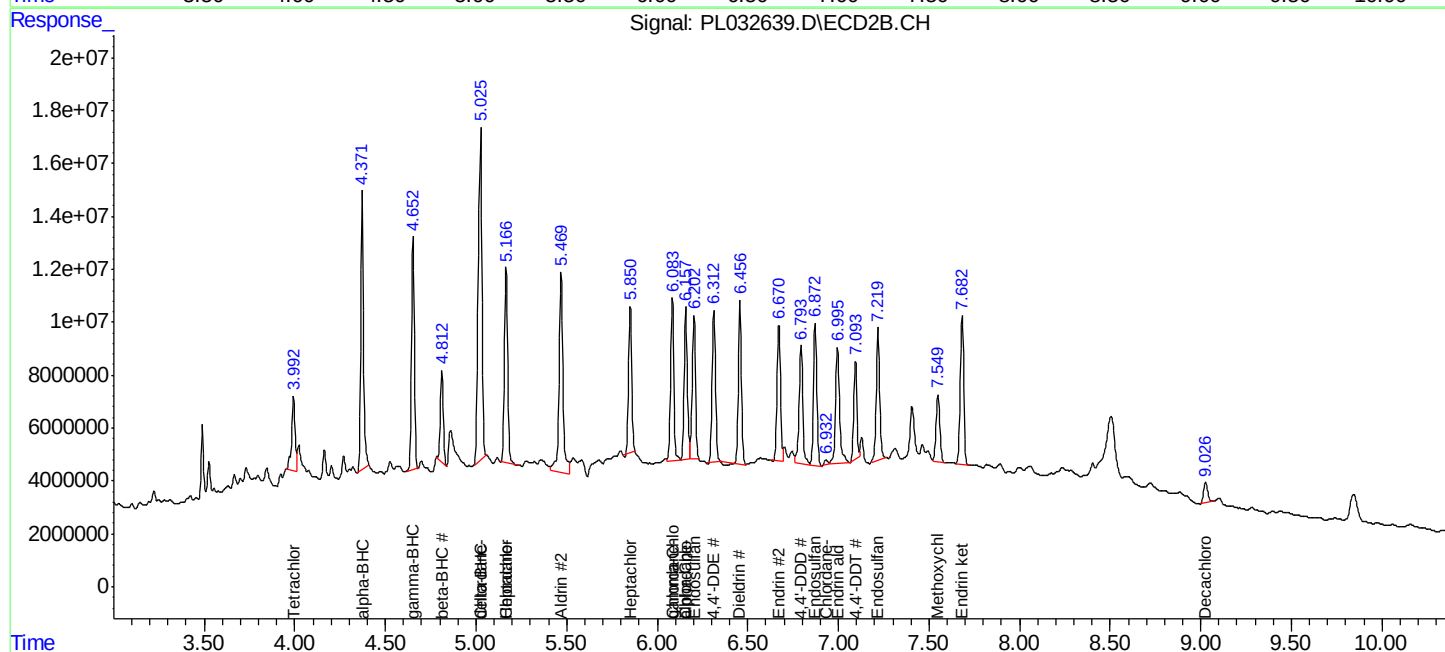
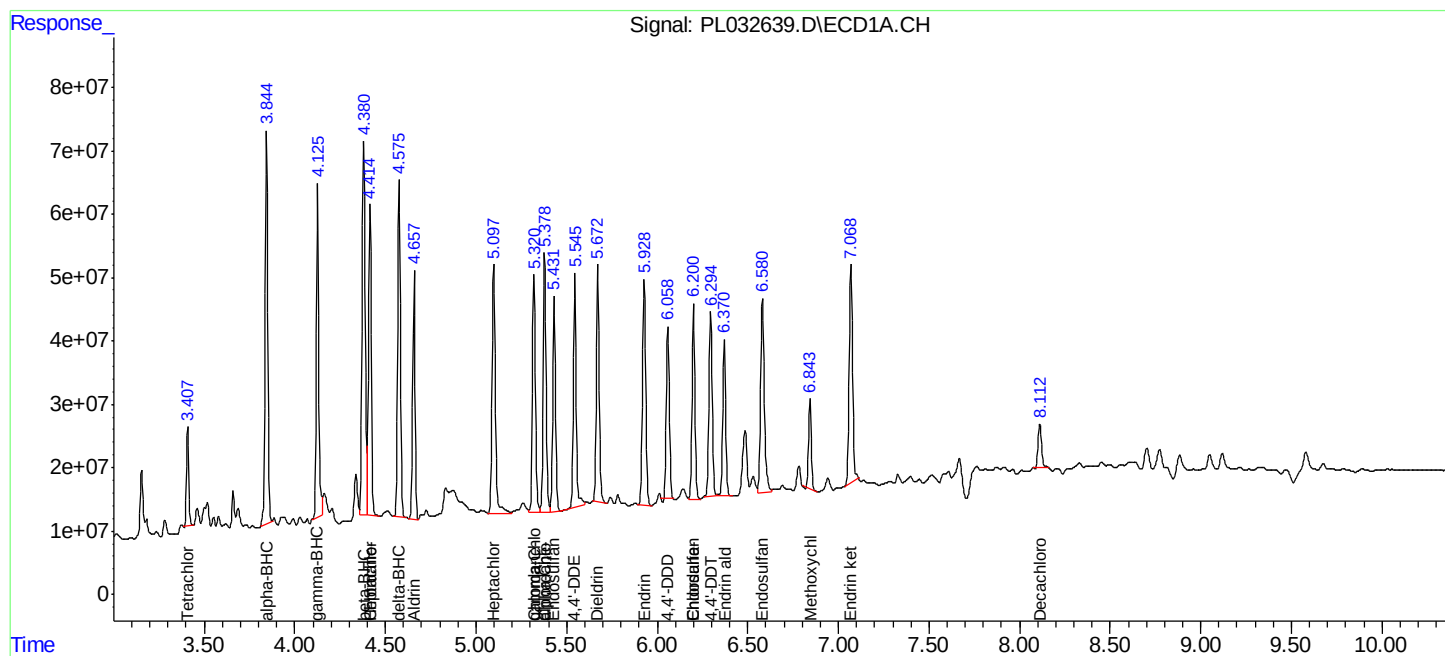
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

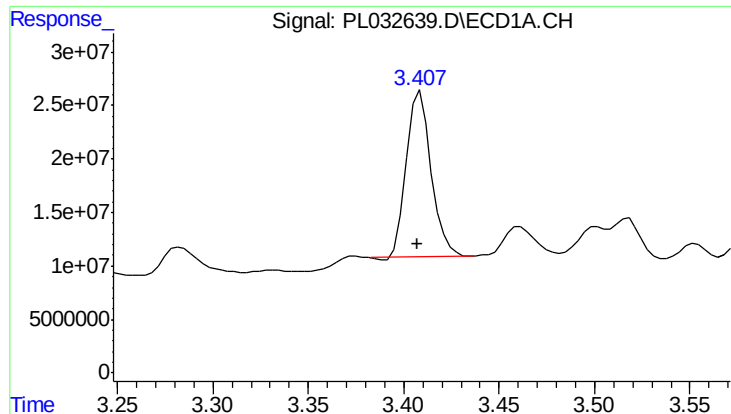
Data Path : P:\HPCHEM1\ECD_L\Data\PL012918\
Data File : PL032639.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jan 2018 17:28
Operator : UA\AJ
Sample : J1305-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
ENGINE-WASHMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 22:47:33 2018
Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
Quant Title : GC Extractables
QLast Update : Sat Jan 27 04:03:48 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

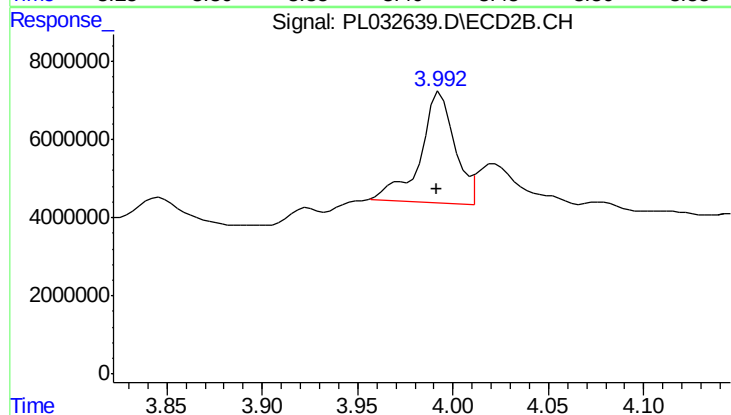




#1 Tetrachloro-m-xylene

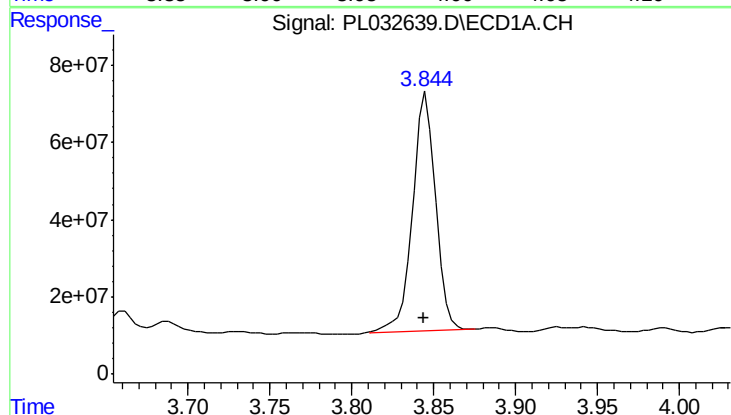
R.T.: 3.409 min
Delta R.T.: 0.001 min
Response: 142412317
Conc: 15.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



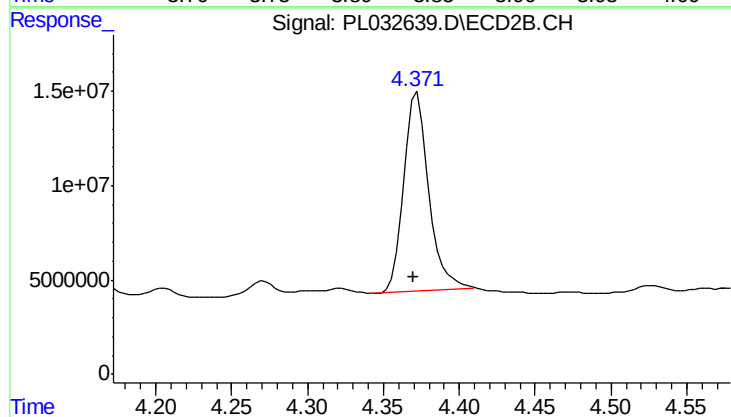
#1 Tetrachloro-m-xylene

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 35846517
Conc: 28.62 ng/ml



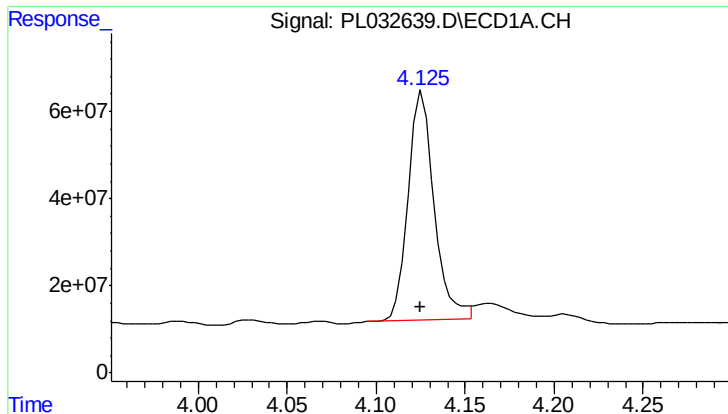
#2 alpha-BHC

R.T.: 3.846 min
Delta R.T.: 0.001 min
Response: 603722551
Conc: 42.91 ng/ml



#2 alpha-BHC

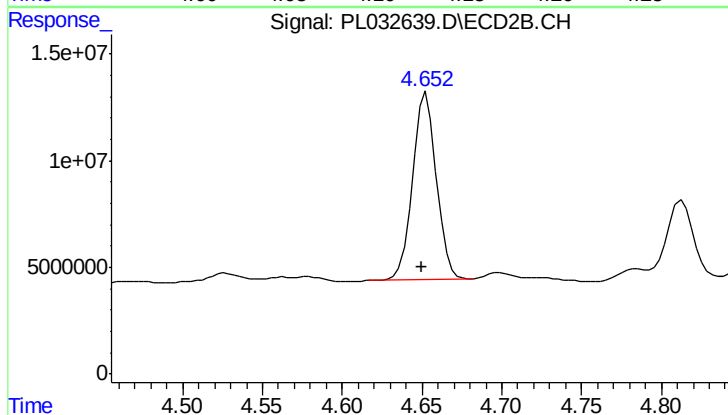
R.T.: 4.372 min
Delta R.T.: 0.003 min
Response: 118544421
Conc: 51.18 ng/ml



#3 gamma-BHC (Lindane)

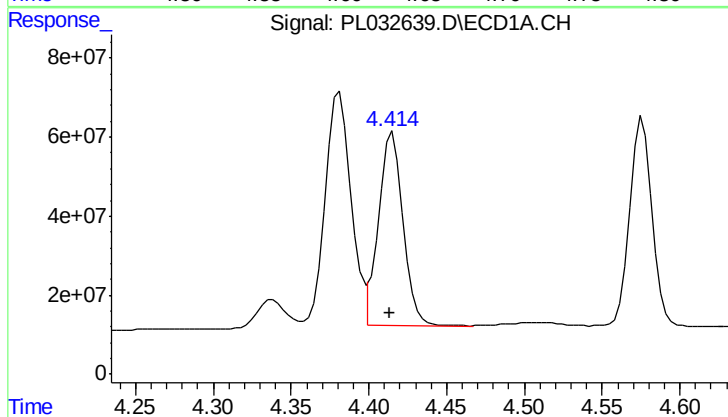
R.T.: 4.126 min
Delta R.T.: 0.001 min
Response: 528270401
Conc: 40.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



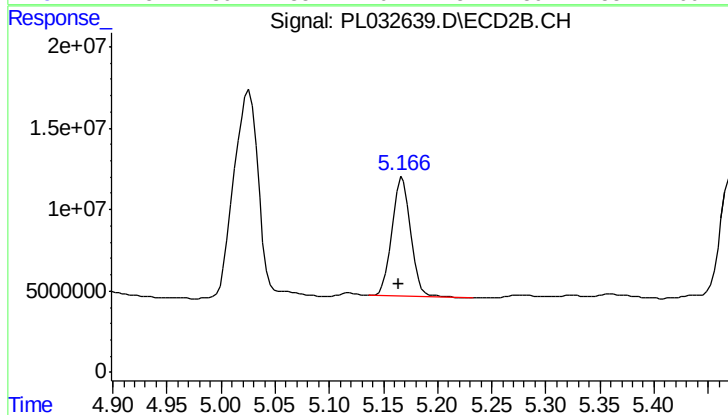
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.003 min
Response: 91407420
Conc: 42.55 ng/ml



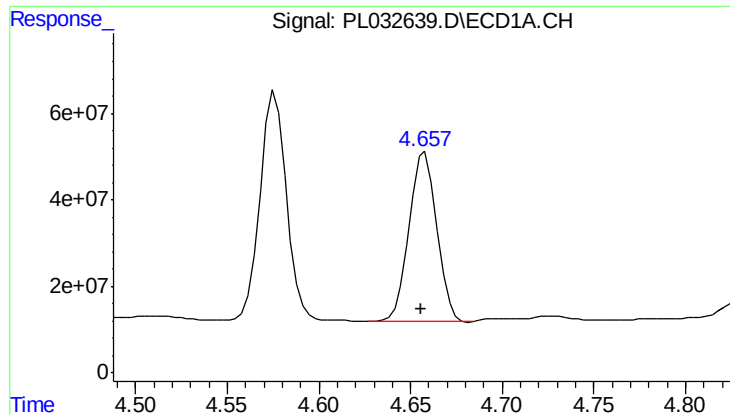
#4 Heptachlor

R.T.: 4.415 min
Delta R.T.: 0.001 min
Response: 539621176
Conc: 40.76 ng/ml



#4 Heptachlor

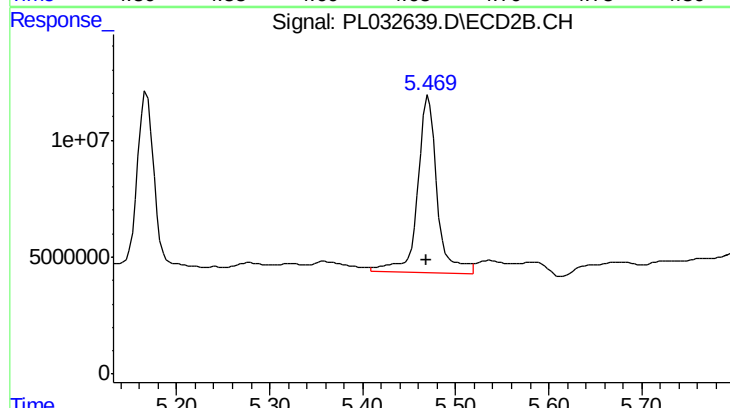
R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 89016282
Conc: 42.64 ng/ml



#5 Aldrin

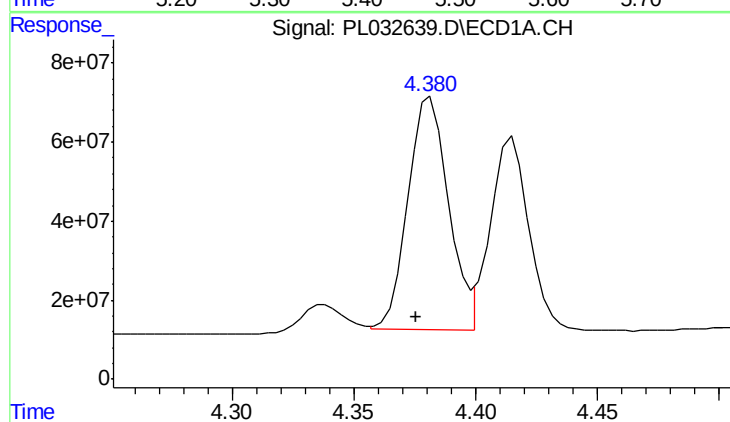
R.T.: 4.658 min
Delta R.T.: 0.002 min
Response: 411827368
Conc: 32.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



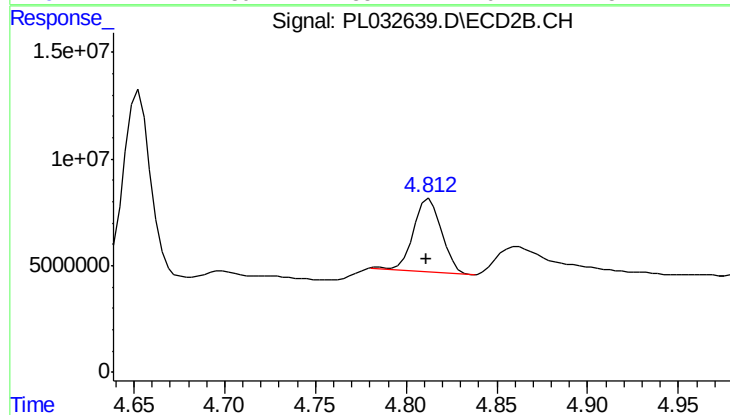
#5 Aldrin

R.T.: 5.471 min
Delta R.T.: 0.003 min
Response: 110944578
Conc: 52.98 ng/ml



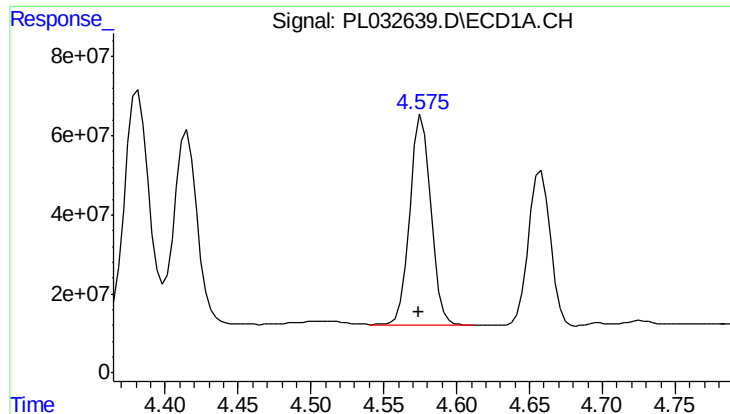
#6 beta-BHC

R.T.: 4.381 min
Delta R.T.: 0.006 min
Response: 681105001
Conc: 119.26 ng/ml



#6 beta-BHC

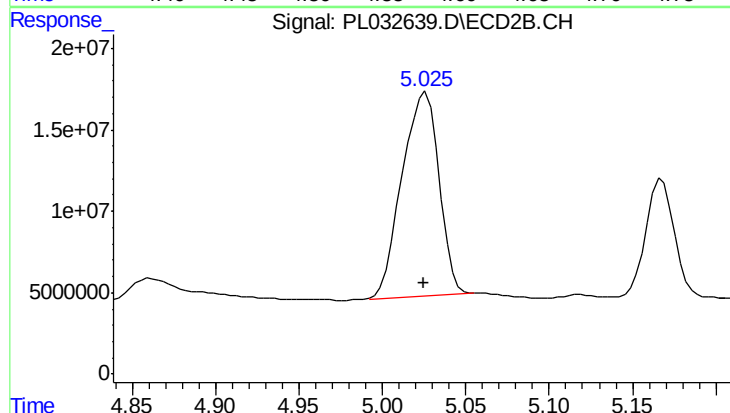
R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 37420912
Conc: 39.21 ng/ml



#7 delta-BHC

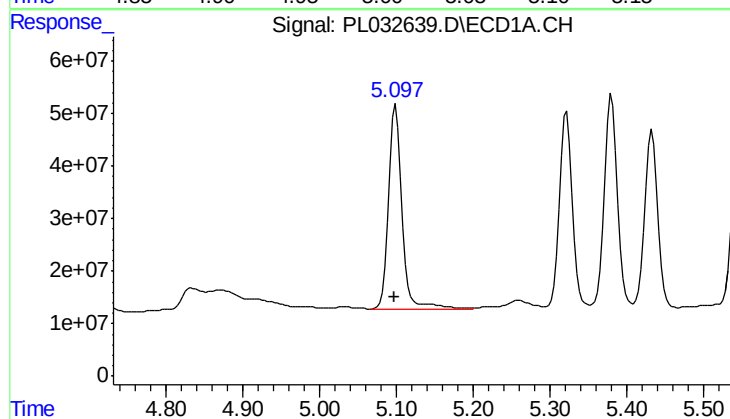
R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 529629639
Conc: 39.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



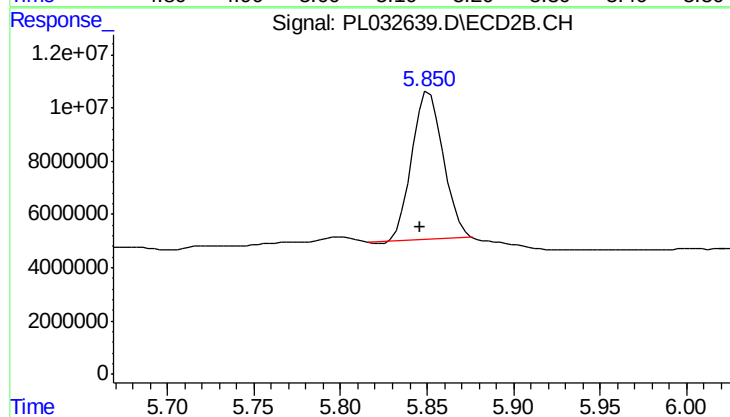
#7 delta-BHC

R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 193185397
Conc: 86.89 ng/ml



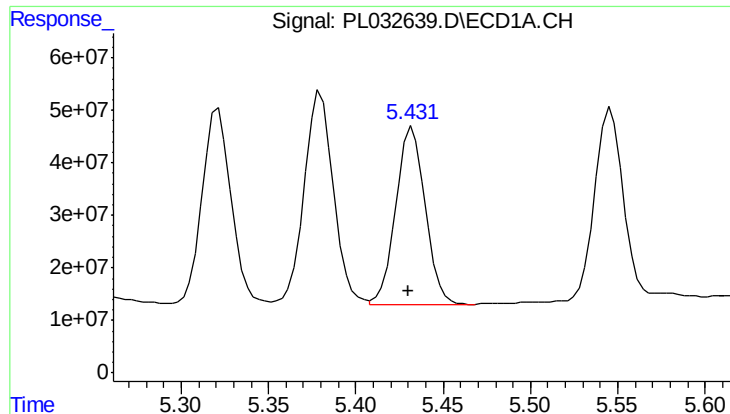
#8 Heptachlor epoxide

R.T.: 5.099 min
Delta R.T.: 0.002 min
Response: 482626830
Conc: 40.78 ng/ml



#8 Heptachlor epoxide

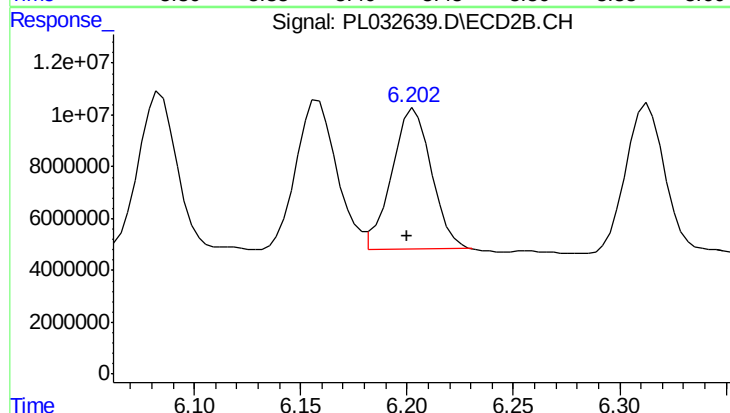
R.T.: 5.851 min
Delta R.T.: 0.005 min
Response: 69758262
Conc: 39.02 ng/ml



#9 Endosulfan I

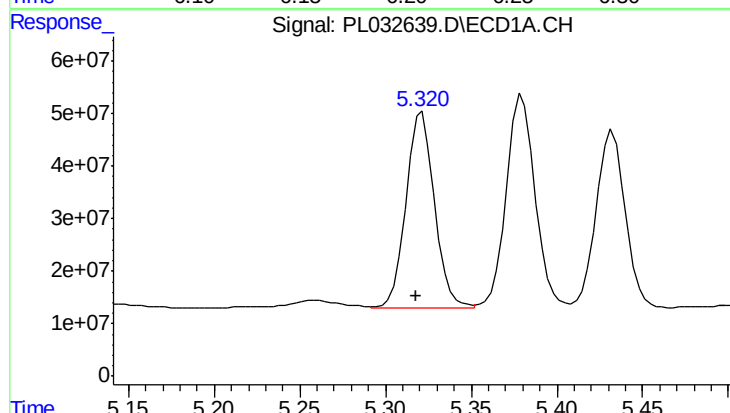
R.T.: 5.433 min
Delta R.T.: 0.002 min
Response: 395330059
Conc: 34.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



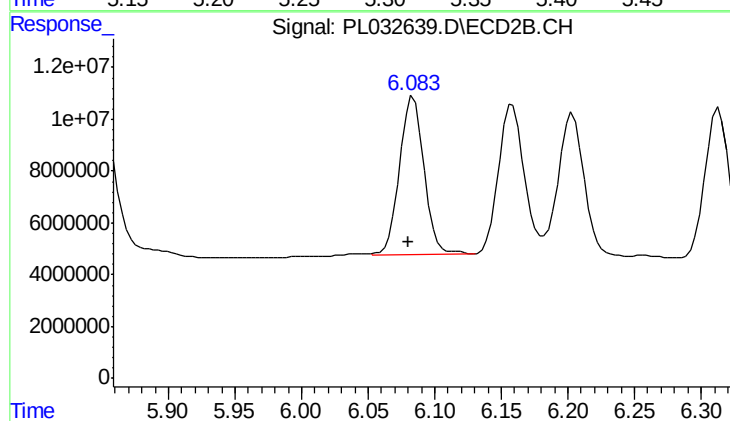
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 70418992
Conc: 39.03 ng/ml



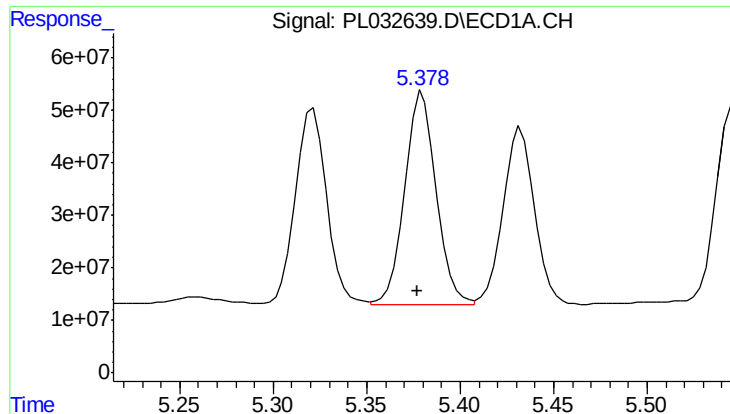
#10 gamma-Chlordane

R.T.: 5.321 min
Delta R.T.: 0.004 min
Response: 437470459
Conc: 33.90 ng/ml



#10 gamma-Chlordane

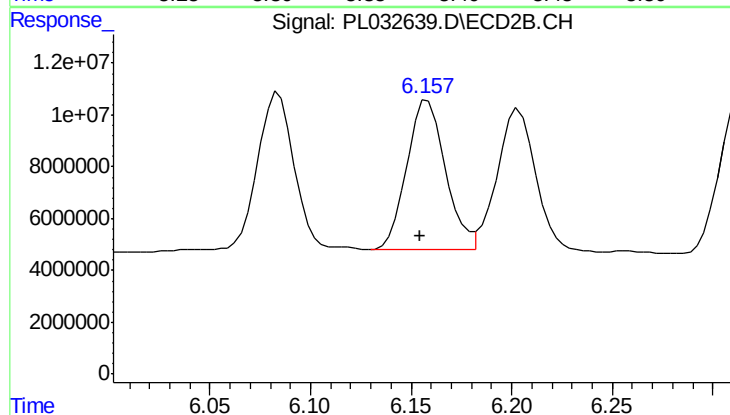
R.T.: 6.084 min
Delta R.T.: 0.004 min
Response: 78980535
Conc: 40.51 ng/ml



#11 alpha-Chlordane

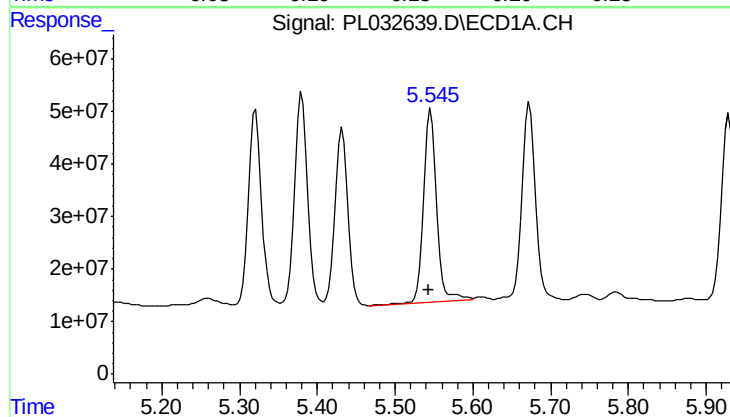
R.T.: 5.380 min
Delta R.T.: 0.003 min
Response: 478823596
Conc: 38.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



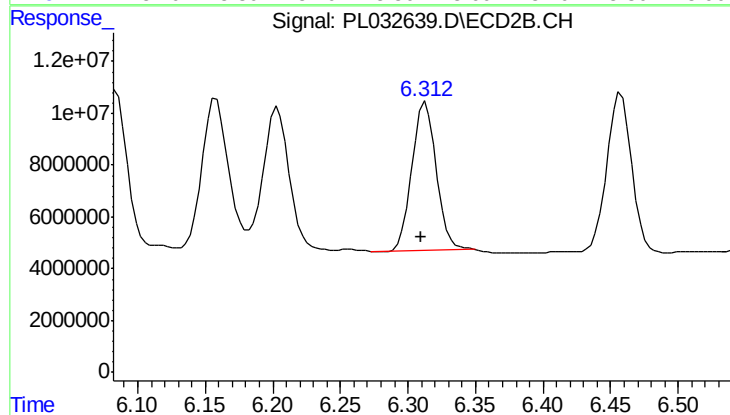
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 76783517
Conc: 40.51 ng/ml



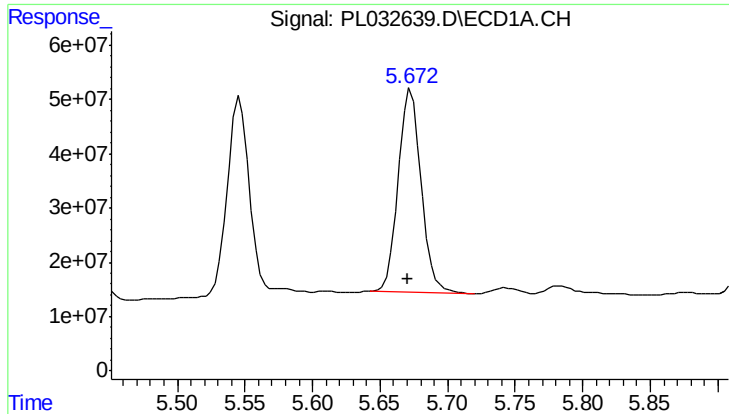
#12 4,4'-DDE

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 435276640
Conc: 34.26 ng/ml



#12 4,4'-DDE

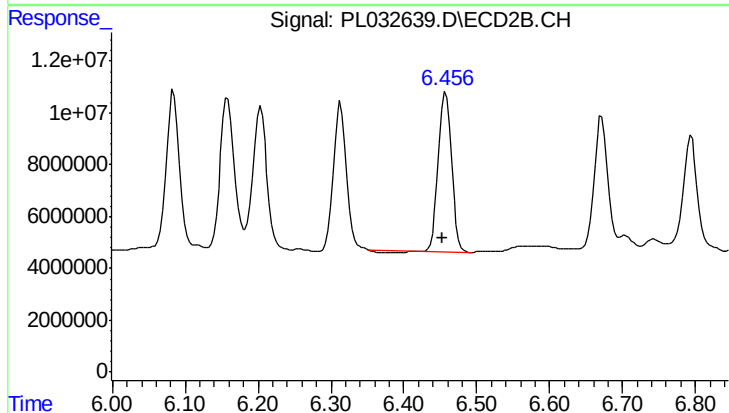
R.T.: 6.313 min
Delta R.T.: 0.004 min
Response: 71596929
Conc: 37.54 ng/ml



#13 Dieldrin

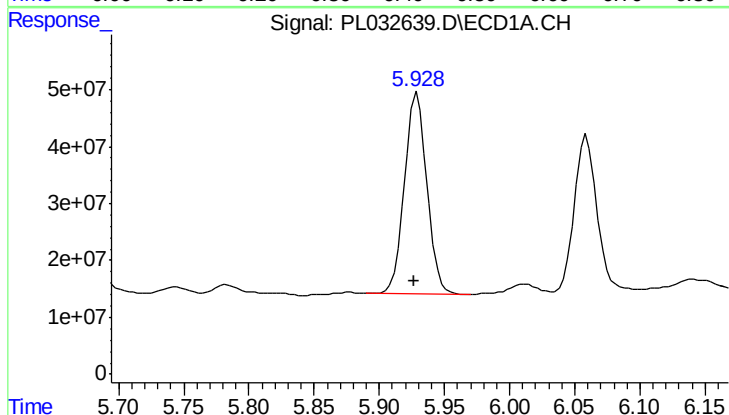
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 442907963
Conc: 34.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



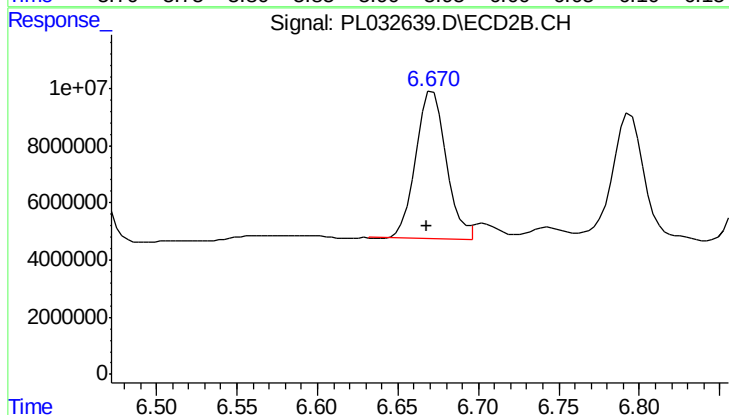
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.004 min
Response: 75271855
Conc: 39.39 ng/ml



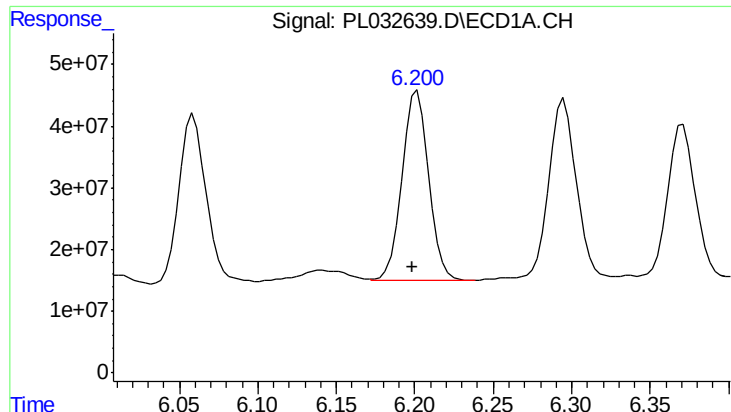
#14 Endrin

R.T.: 5.929 min
Delta R.T.: 0.002 min
Response: 421615517
Conc: 36.10 ng/ml



#14 Endrin

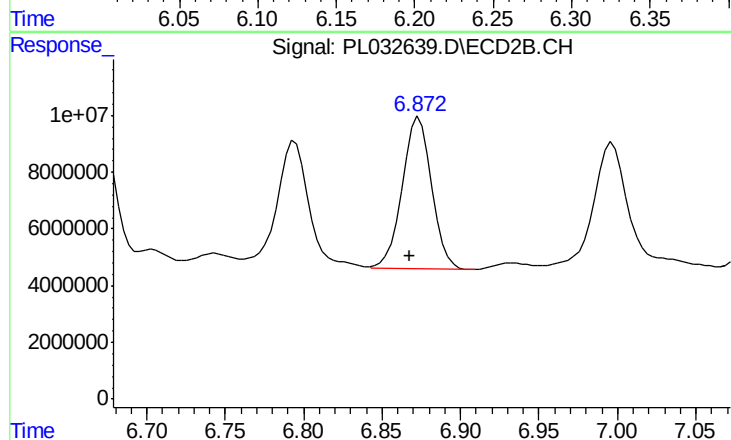
R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 67719301
Conc: 40.16 ng/ml



#15 Endosulfan II

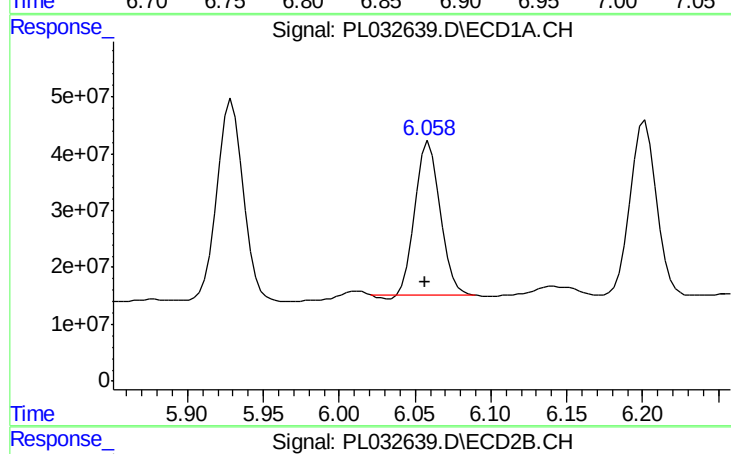
R.T.: 6.202 min
Delta R.T.: 0.003 min
Response: 368768832
Conc: 31.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



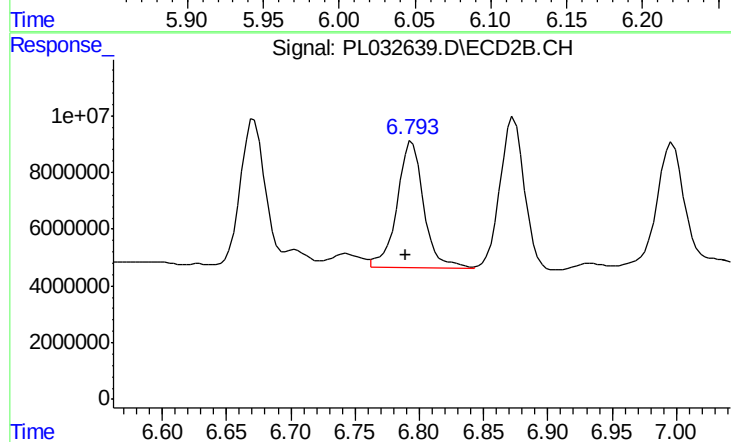
#15 Endosulfan II

R.T.: 6.874 min
Delta R.T.: 0.006 min
Response: 71267692
Conc: 40.48 ng/ml



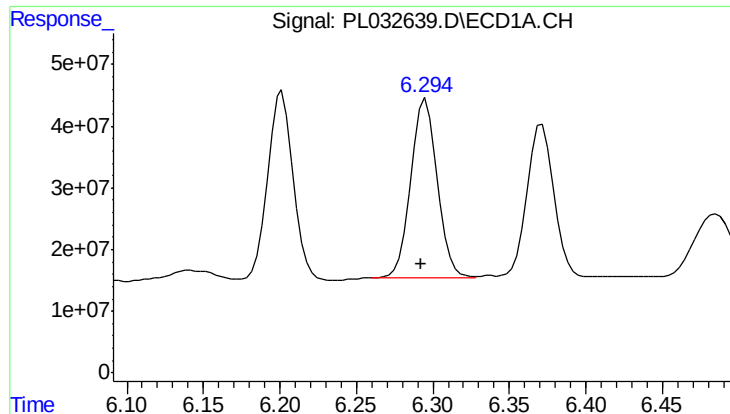
#16 4,4'-DDD

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 302122304
Conc: 28.71 ng/ml



#16 4,4'-DDD

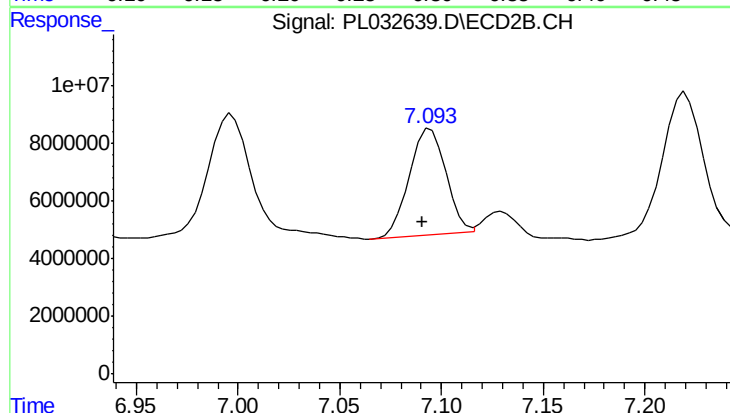
R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 64665722
Conc: 45.34 ng/ml



#17 4,4'-DDT

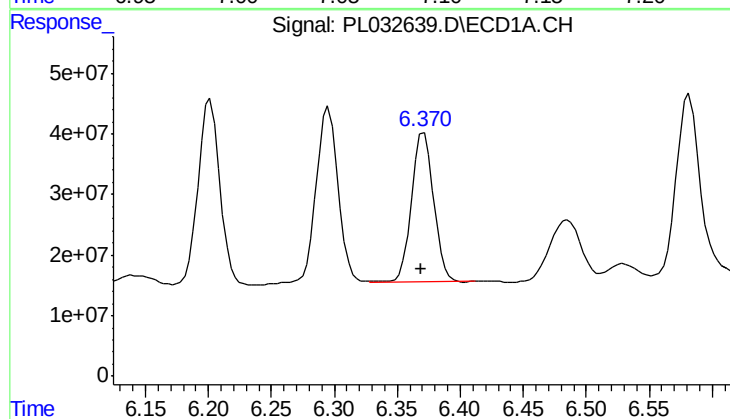
R.T.: 6.295 min
Delta R.T.: 0.003 min
Response: 346397455
Conc: 32.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



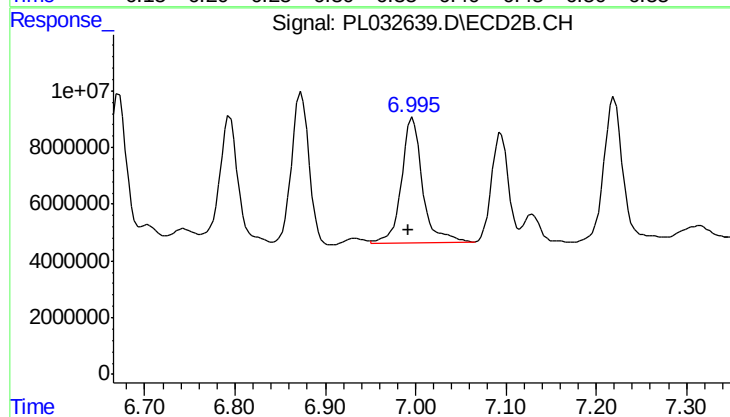
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.004 min
Response: 46023317
Conc: 34.52 ng/ml



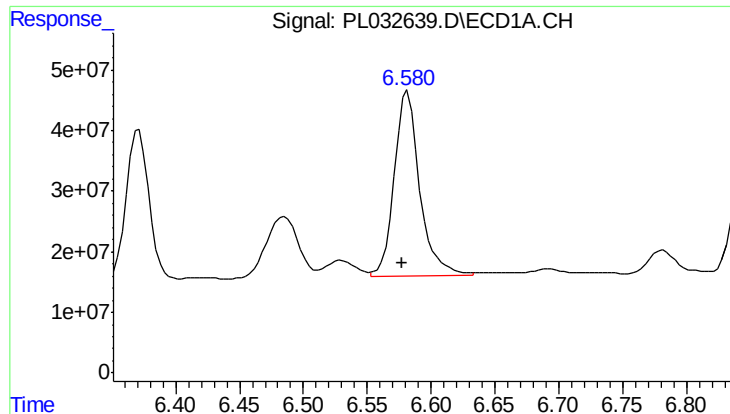
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.003 min
Response: 301809429
Conc: 30.56 ng/ml



#18 Endrin aldehyde

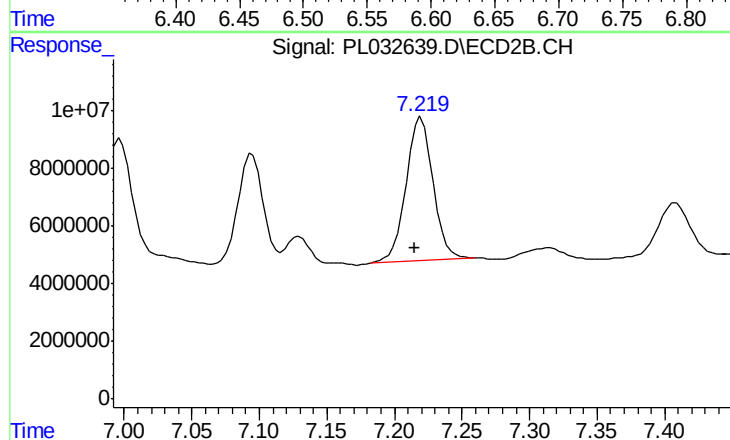
R.T.: 6.997 min
Delta R.T.: 0.005 min
Response: 70362671
Conc: 47.52 ng/ml



#19 Endosulfan Sulfate

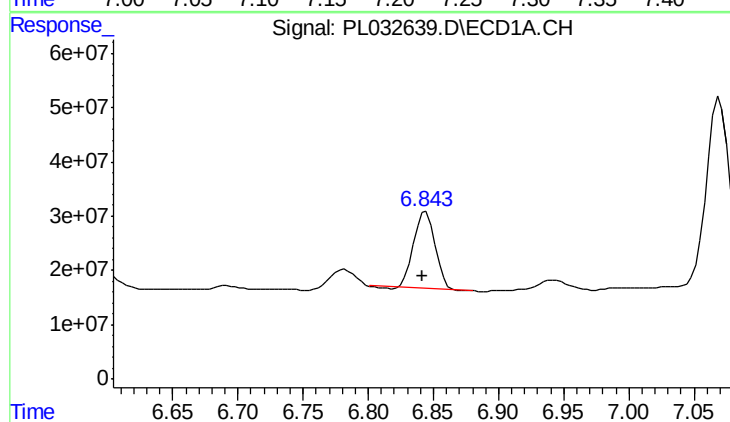
R.T.: 6.582 min
Delta R.T.: 0.005 min
Response: 420081937
Conc: 37.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



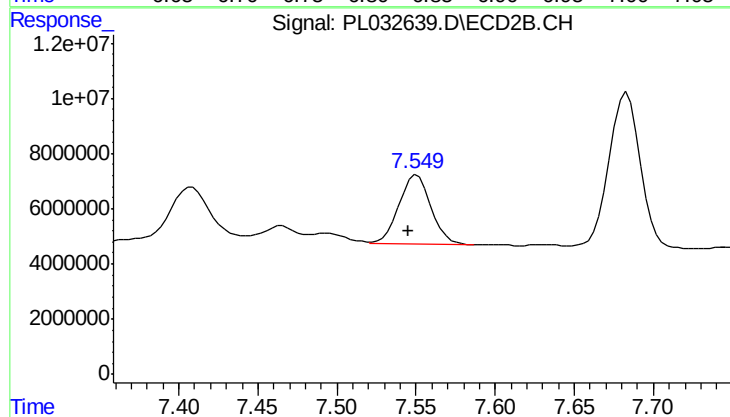
#19 Endosulfan Sulfate

R.T.: 7.220 min
Delta R.T.: 0.005 min
Response: 69681069
Conc: 43.21 ng/ml



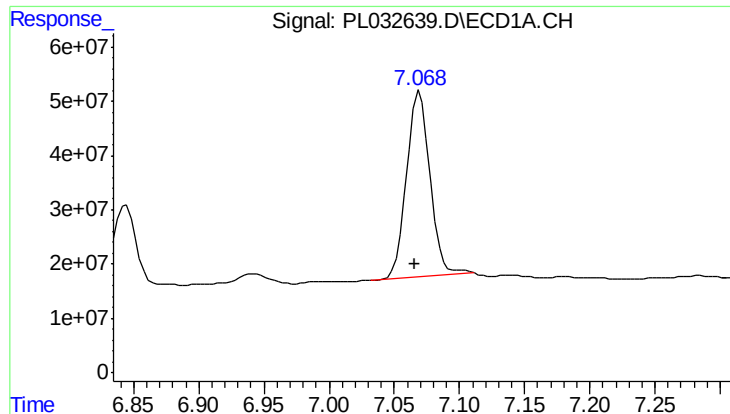
#20 Methoxychlor

R.T.: 6.844 min
Delta R.T.: 0.003 min
Response: 158011320
Conc: 27.20 ng/ml



#20 Methoxychlor

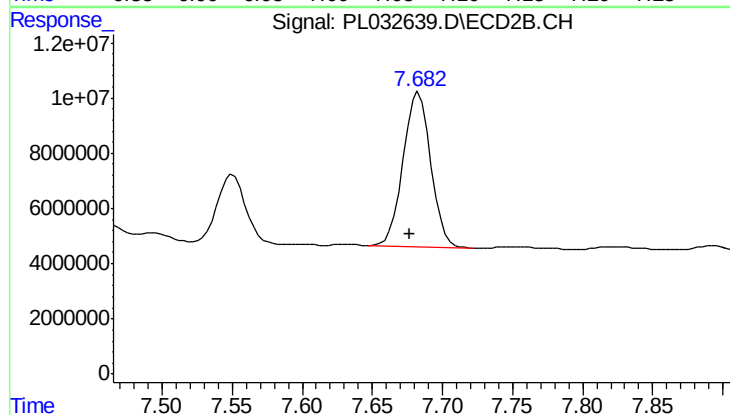
R.T.: 7.551 min
Delta R.T.: 0.005 min
Response: 34989925
Conc: 42.93 ng/ml



#21 Endrin ketone

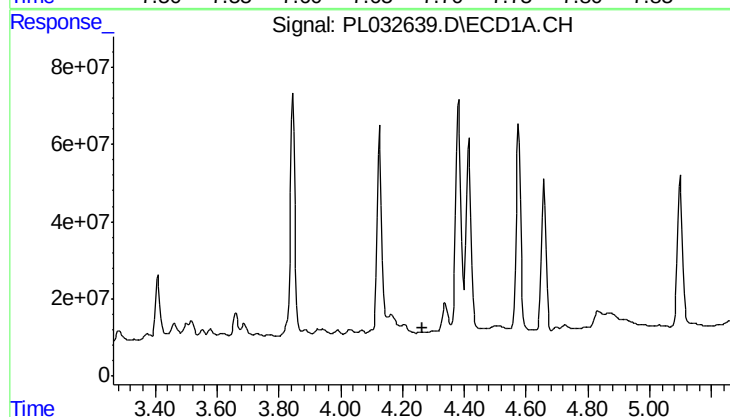
R.T.: 7.070 min
Delta R.T.: 0.004 min
Response: 432208152
Conc: 34.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



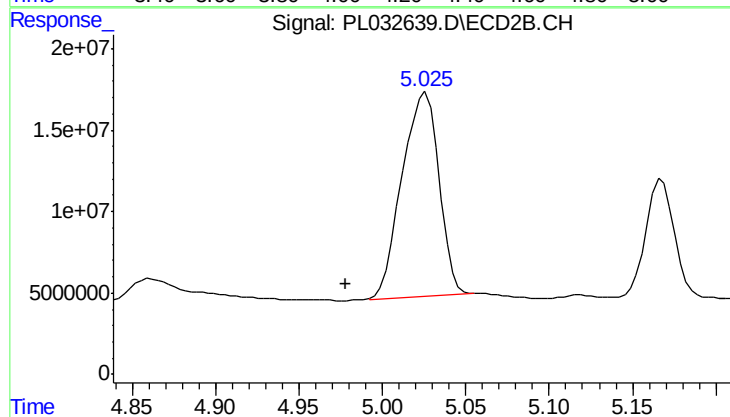
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.007 min
Response: 75942525
Conc: 42.05 ng/ml



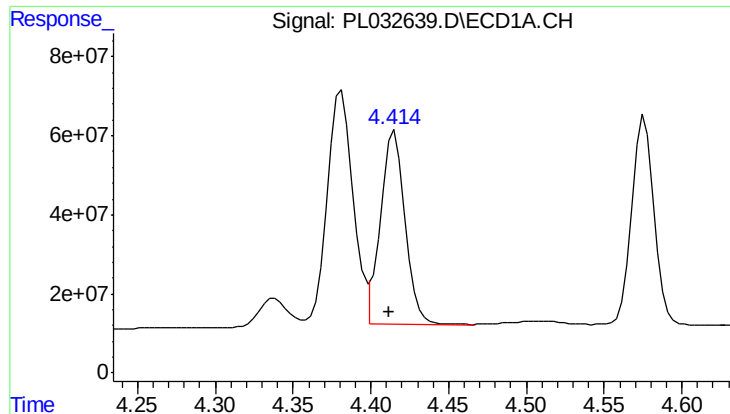
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.263 min
Response: 0
Conc: N.D.



#23 Chlordane-1

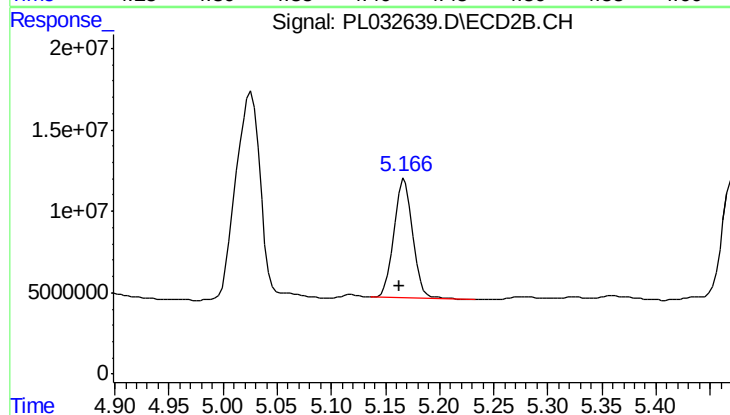
R.T.: 5.026 min
Delta R.T.: 0.048 min
Response: 193185397
Conc: 2498.34 ng/ml



#24 Chlordane-2

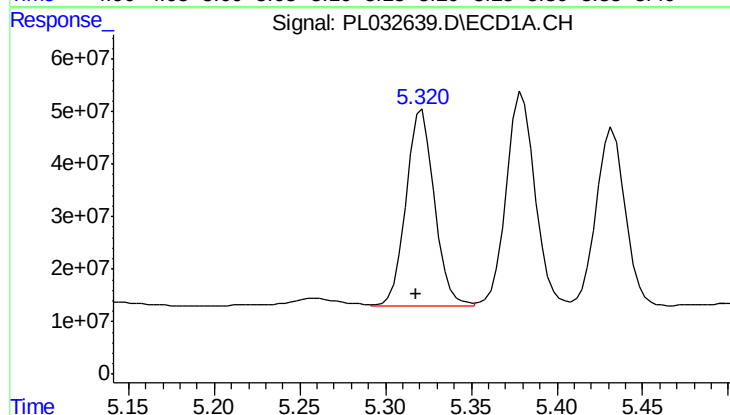
R.T.: 4.415 min
Delta R.T.: 0.003 min
Response: 539621176
Conc: 878.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



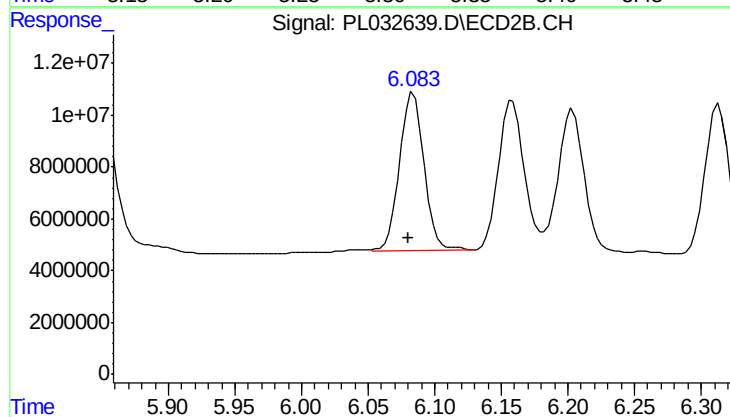
#24 Chlordane-2

R.T.: 5.168 min
Delta R.T.: 0.005 min
Response: 89016282
Conc: 758.56 ng/ml



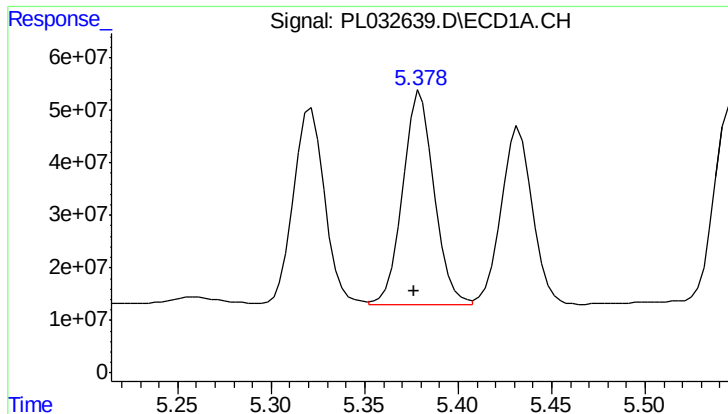
#25 Chlordane-3

R.T.: 5.321 min
Delta R.T.: 0.003 min
Response: 437470459
Conc: 293.09 ng/ml



#25 Chlordane-3

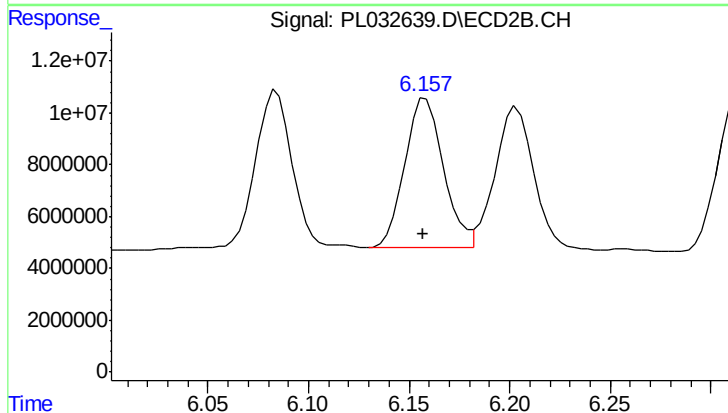
R.T.: 6.084 min
Delta R.T.: 0.004 min
Response: 78980535
Conc: 286.59 ng/ml



#26 Chlordane-4

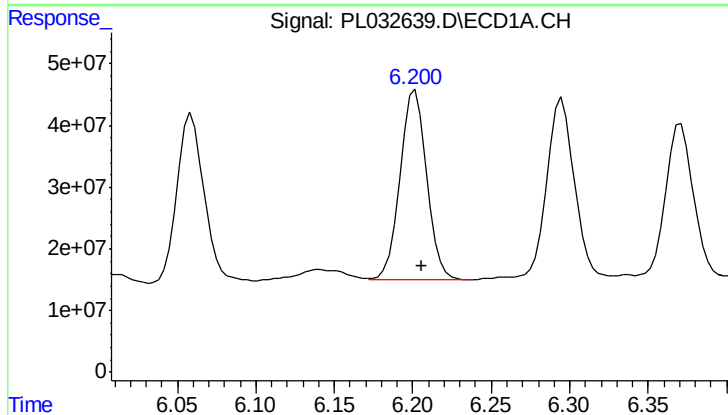
R.T.: 5.380 min
Delta R.T.: 0.003 min
Response: 478823596
Conc: 372.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



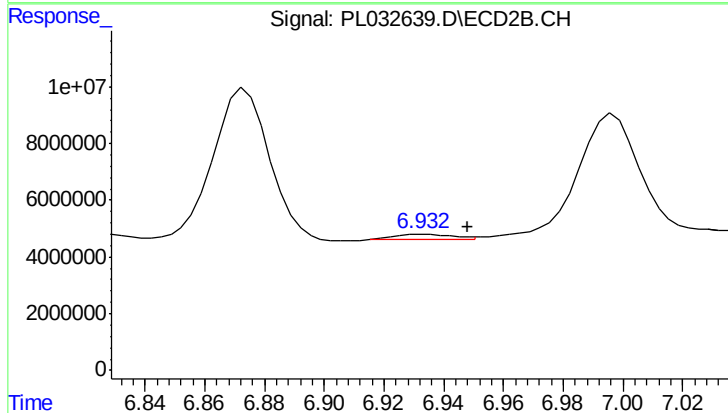
#26 Chlordane-4

R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 76783517
Conc: 235.02 ng/ml



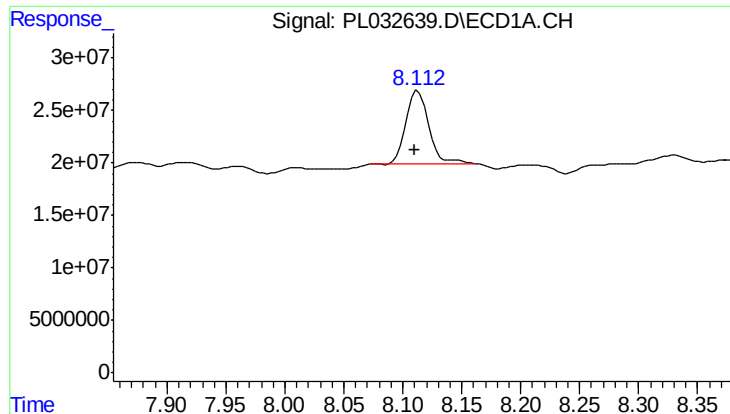
#27 Chlordane-5

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 368768832
Conc: 745.84 ng/ml



#27 Chlordane-5

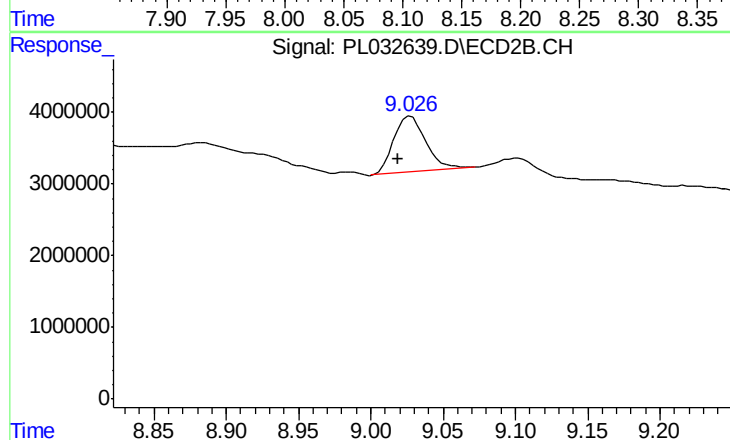
R.T.: 6.933 min
Delta R.T.: -0.015 min
Response: 2600501
Conc: 43.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.113 min
Delta R.T.: 0.003 min
Response: 92343492
Conc: 7.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.008 min
Response: 11860350
Conc: 6.24 ng/ml