

Data Path : P:\HPCHEM1\ECD_L\Data\PL012918\
 Data File : PL032640.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 17:43
 Operator : UA\AJ
 Sample : J1305-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENGINE-WASHMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 22:47:55 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...	3.408	3.993	145.5E6	32370710	16.273	25.849 #
28)	SA Decachlor...	8.113	9.027	93316078	11426512	8.020	6.007 #
Target Compounds							
2)	A alpha-BHC	3.845	4.372	606.0E6	122.1E6	43.070	52.717
3)	MA gamma-BHC...	4.126	4.652	531.5E6	92509917	41.164	43.066
4)	MA Heptachlor	4.415	5.168	545.1E6	89587279	41.176	42.911
5)	MB Aldrin	4.658	5.471	412.7E6	111.6E6	32.107	53.293 #
6)	B beta-BHC	4.381	4.813	693.1E6	36736923	121.349	38.492 #
7)	B delta-BHC	4.576	5.026	530.4E6	195.3E6	39.738	87.859 #
8)	B Heptachlo...	5.098	5.851	481.1E6	69178701	40.649	38.693
9)	A Endosulfan I	5.432	6.203	395.7E6	72031866	34.664	39.920
10)	B gamma-Chl...	5.320	6.084	440.5E6	80379693	34.133	41.224
11)	B alpha-Chl...	5.379	6.158	479.6E6	78217697	38.546	41.268
12)	B 4,4'-DDE	5.545	6.313	438.3E6	72502269	34.498	38.017
13)	MA Dieldrin	5.672	6.457	444.9E6	78627136	34.751	41.143
14)	MA Endrin	5.928	6.672	424.7E6	68473648	36.365	40.604
15)	B Endosulfa...	6.201	6.873	374.1E6	72004414	31.886	40.895 #
16)	A 4,4'-DDD	6.059	6.794	307.6E6	65429387	29.238	45.876 #
17)	MA 4,4'-DDT	6.296	7.095	341.7E6	47234496	32.322	35.424
18)	B Endrin al...	6.371	6.996	302.7E6	70694261	30.646	47.741 #
19)	B Endosulfa...	6.582	7.220	420.0E6	71382235	37.916	44.260
20)	A Methoxychlor	6.844	7.550	156.8E6	35082384	26.979	43.040 #
21)	B Endrin ke...	7.070	7.683	428.4E6	76996137	34.203	42.635
23)	Chlordane-1	0.000	5.026	0	195.3E6	N.D.	2526.235 #
24)	Chlordane-2	4.415	5.168	545.1E6	89587279	887.681	763.423
25)	Chlordane-3	5.320	6.084	440.5E6	80379693	295.140	291.667
26)	Chlordane-4	5.379	6.158	479.6E6	78217697	372.852	239.411 #
27)	Chlordane-5	6.201	6.933	374.1E6	2680443	756.661	44.477 #

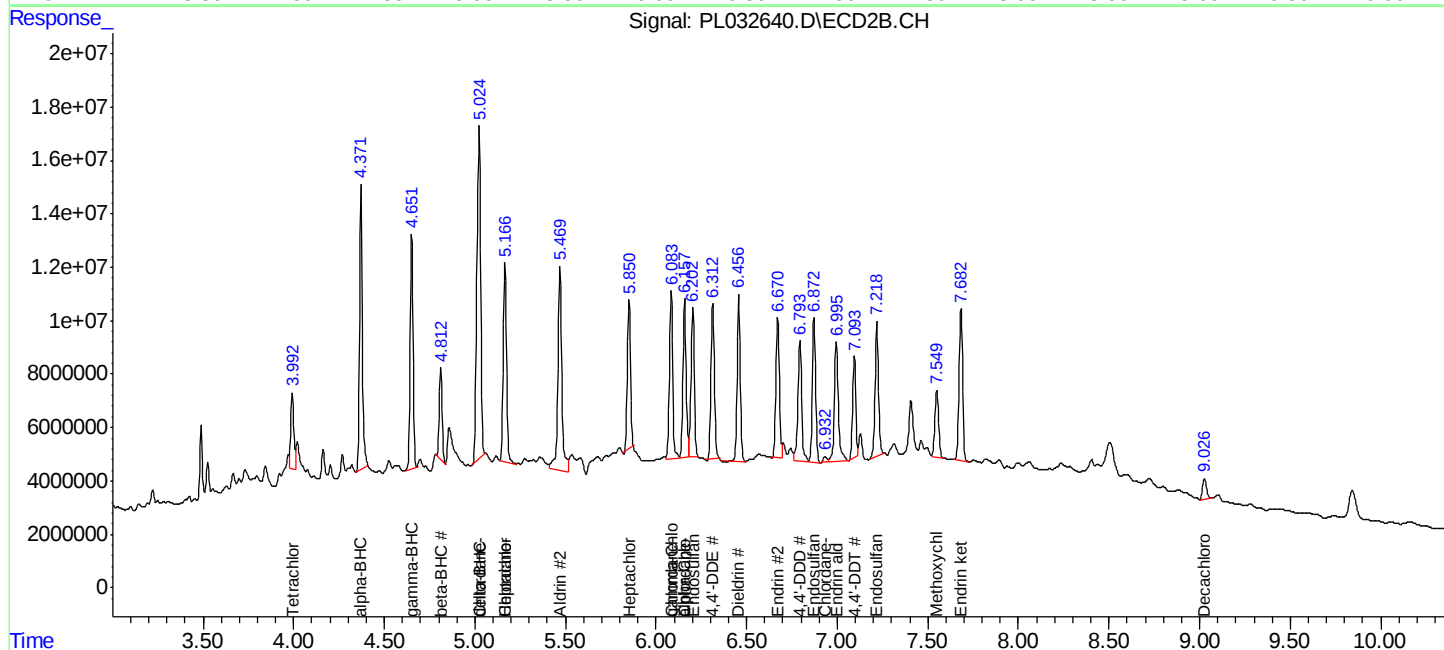
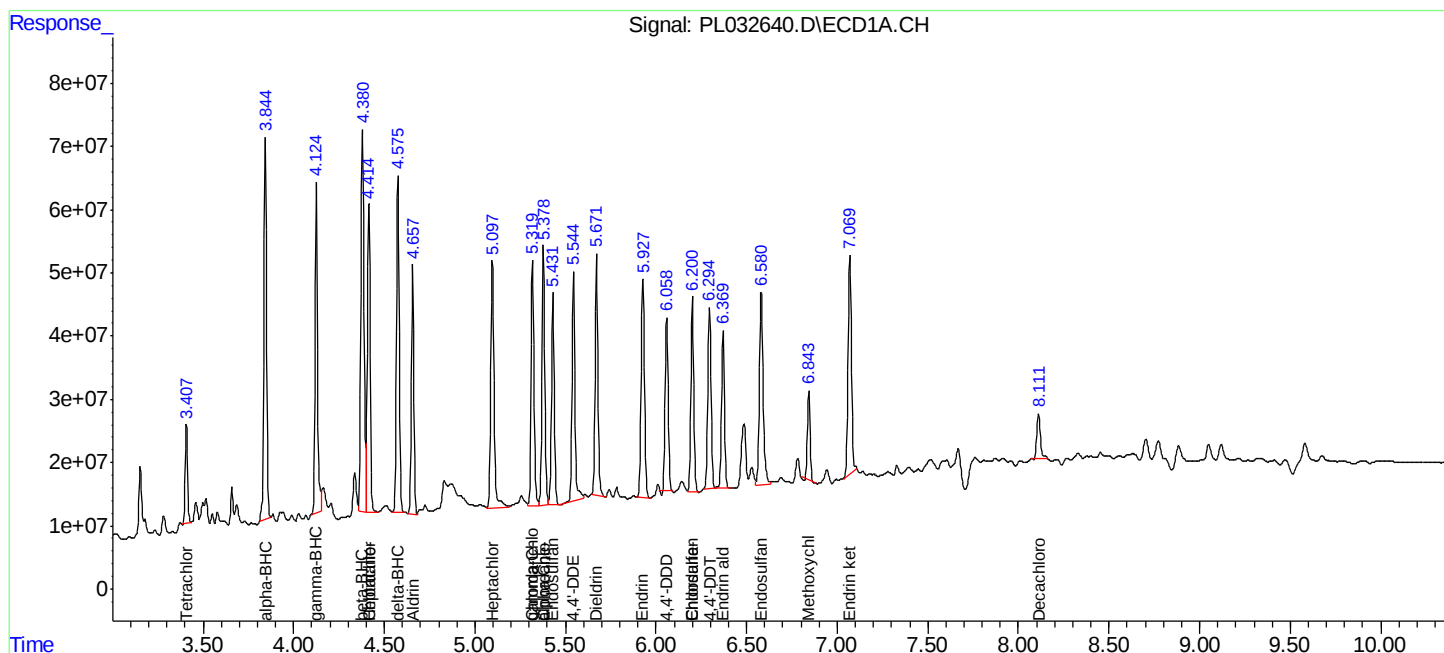
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

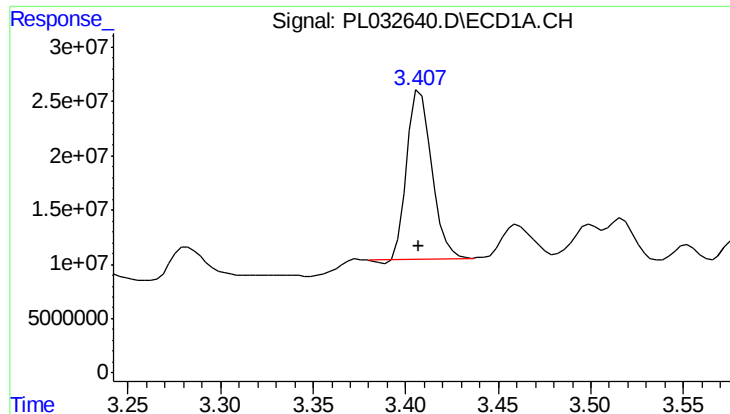
Data Path : P:\HPCHEM1\ECD_L\Data\PL012918\
Data File : PL032640.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jan 2018 17:43
Operator : UA\AJ
Sample : J1305-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 22:47:55 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

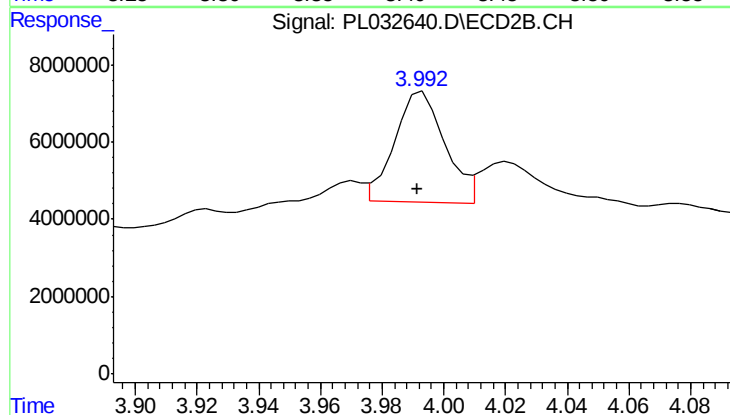




#1 Tetrachloro-m-xylene

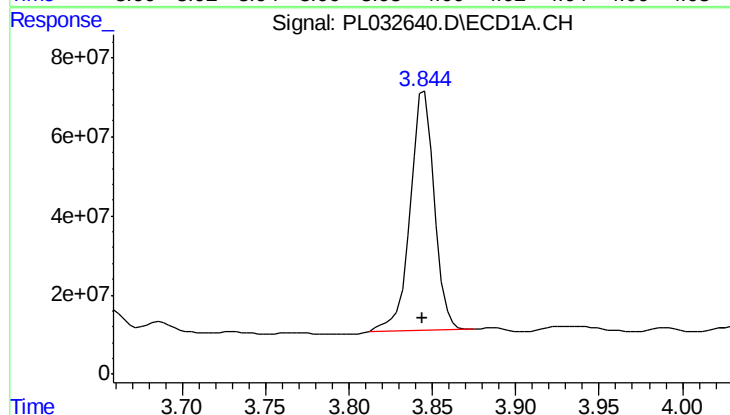
R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 145480964
Conc: 16.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



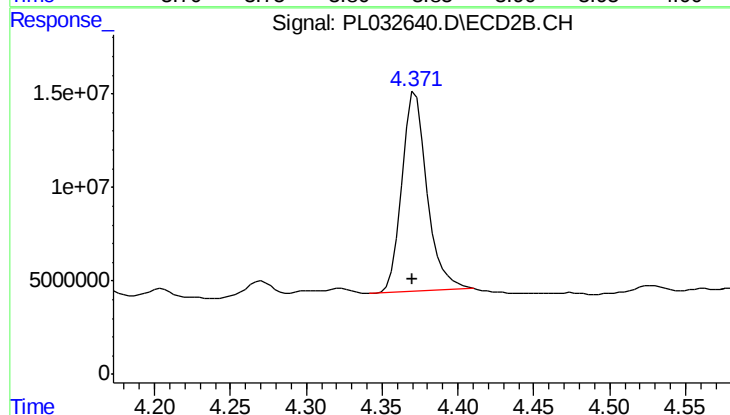
#1 Tetrachloro-m-xylene

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 32370710
Conc: 25.85 ng/ml



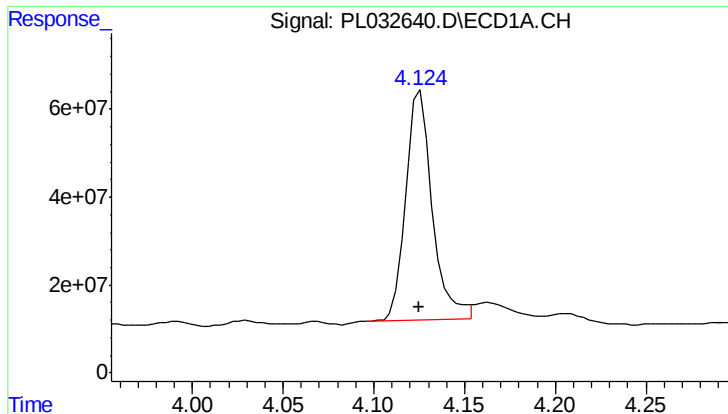
#2 alpha-BHC

R.T.: 3.845 min
Delta R.T.: 0.001 min
Response: 606017305
Conc: 43.07 ng/ml



#2 alpha-BHC

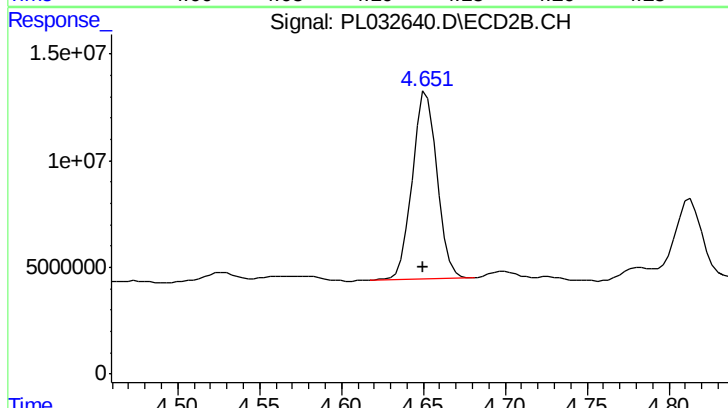
R.T.: 4.372 min
Delta R.T.: 0.002 min
Response: 122111158
Conc: 52.72 ng/ml



#3 gamma-BHC (Lindane)

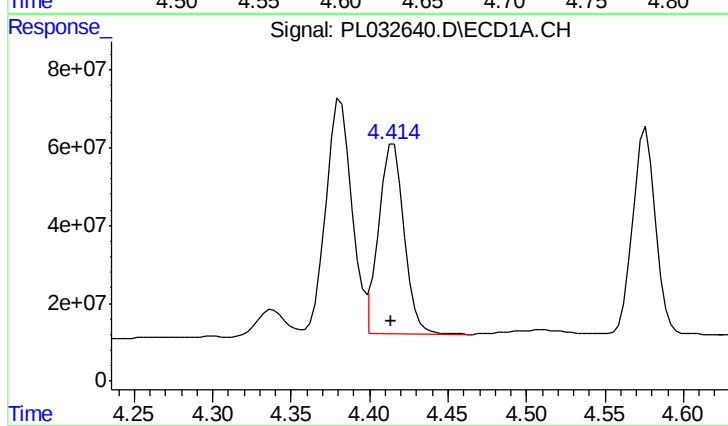
R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 531507069
Conc: 41.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



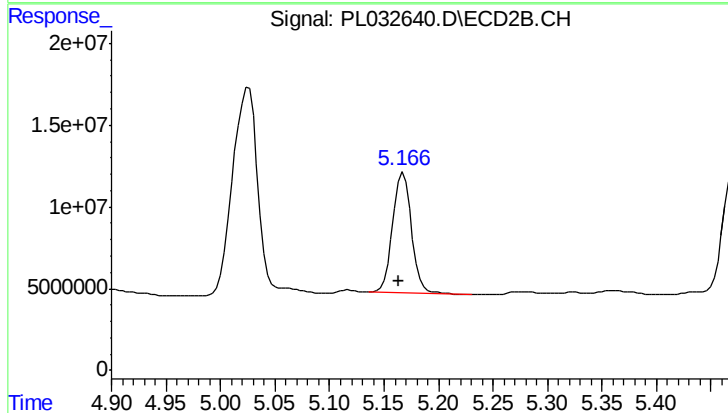
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 92509917
Conc: 43.07 ng/ml



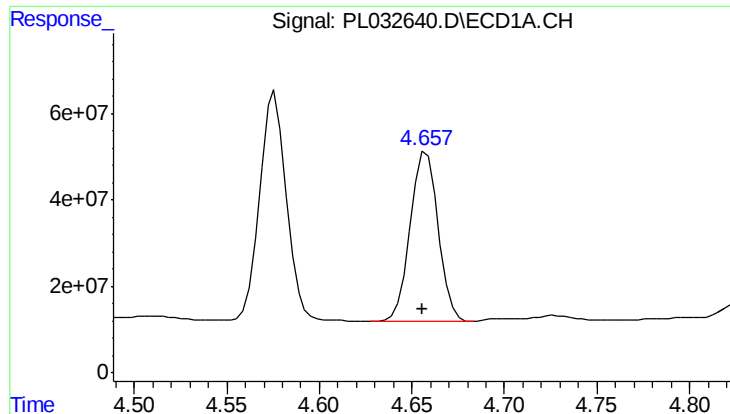
#4 Heptachlor

R.T.: 4.415 min
Delta R.T.: 0.001 min
Response: 545068207
Conc: 41.18 ng/ml



#4 Heptachlor

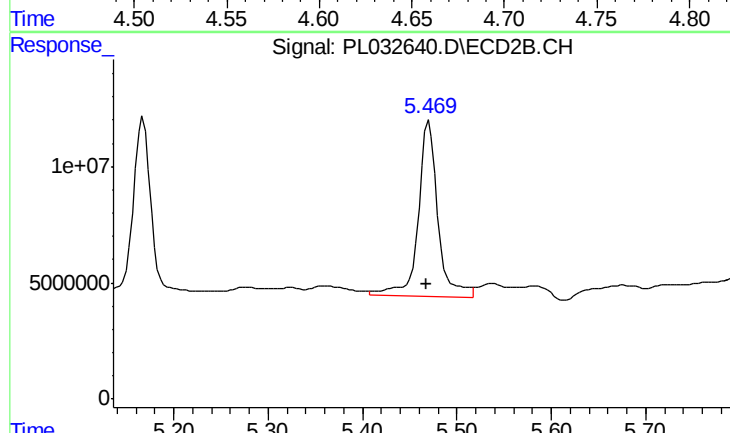
R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 89587279
Conc: 42.91 ng/ml



#5 Aldrin

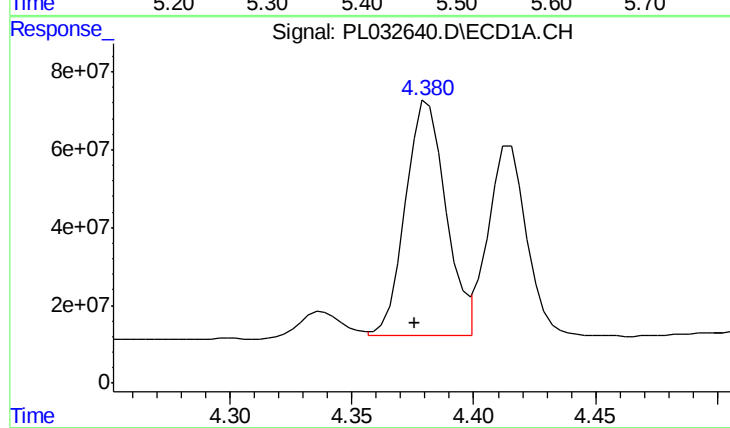
R.T.: 4.658 min
Delta R.T.: 0.002 min
Response: 412651332
Conc: 32.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



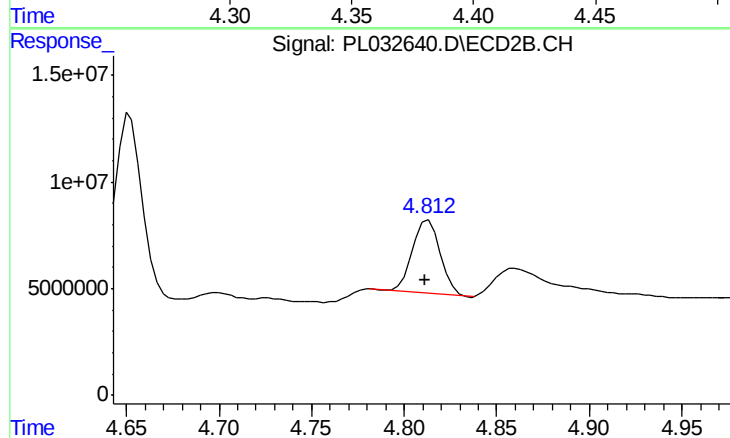
#5 Aldrin

R.T.: 5.471 min
Delta R.T.: 0.003 min
Response: 111598418
Conc: 53.29 ng/ml



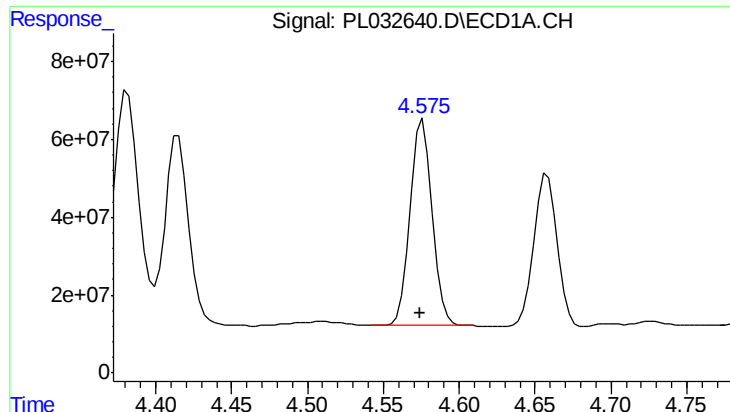
#6 beta-BHC

R.T.: 4.381 min
Delta R.T.: 0.006 min
Response: 693052395
Conc: 121.35 ng/ml



#6 beta-BHC

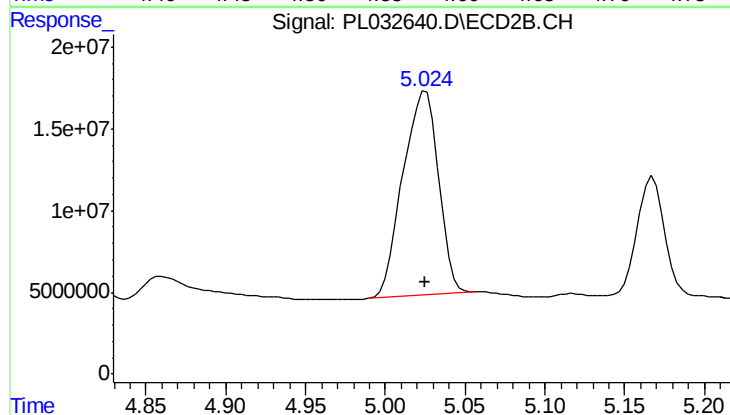
R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 36736923
Conc: 38.49 ng/ml



#7 delta-BHC

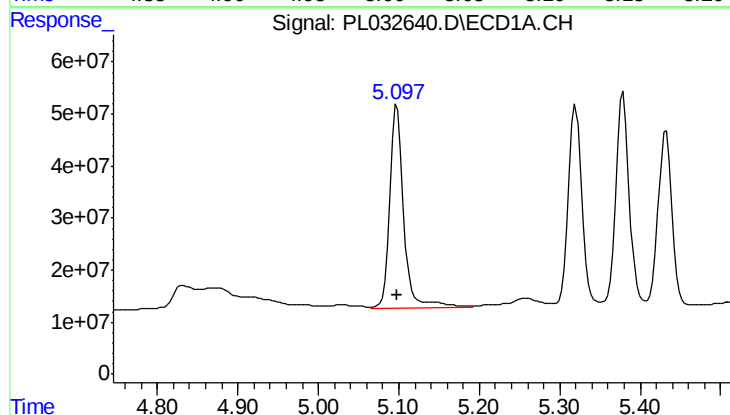
R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 530419816
Conc: 39.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



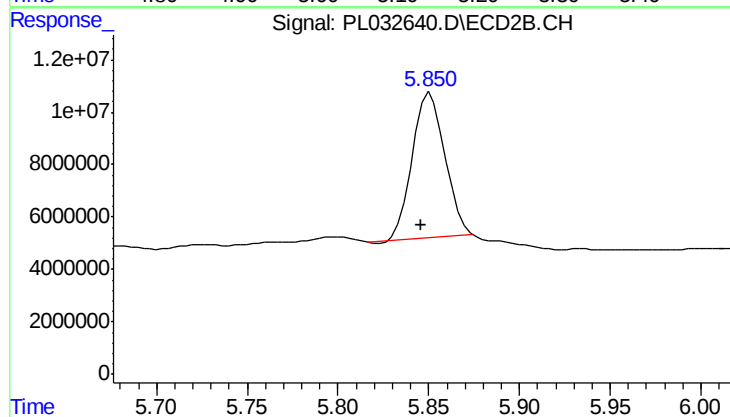
#7 delta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 195342055
Conc: 87.86 ng/ml



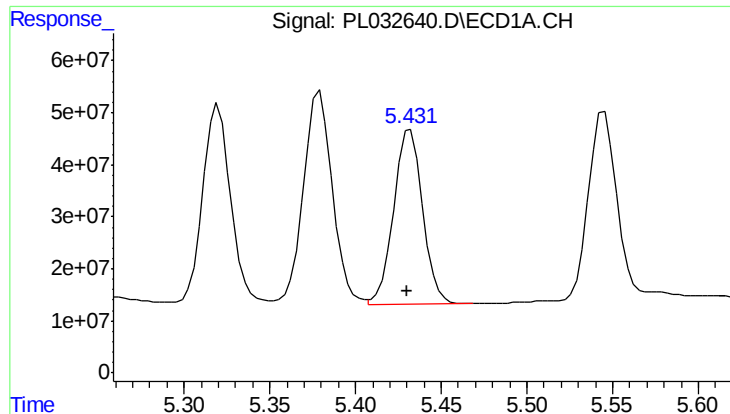
#8 Heptachlor epoxide

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 481111925
Conc: 40.65 ng/ml



#8 Heptachlor epoxide

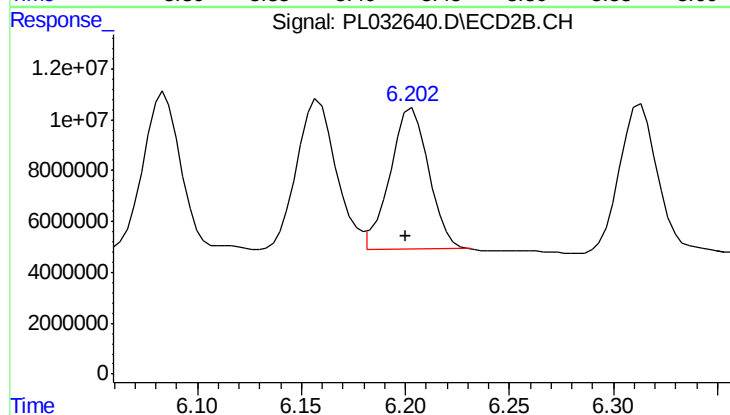
R.T.: 5.851 min
Delta R.T.: 0.005 min
Response: 69178701
Conc: 38.69 ng/ml



#9 Endosulfan I

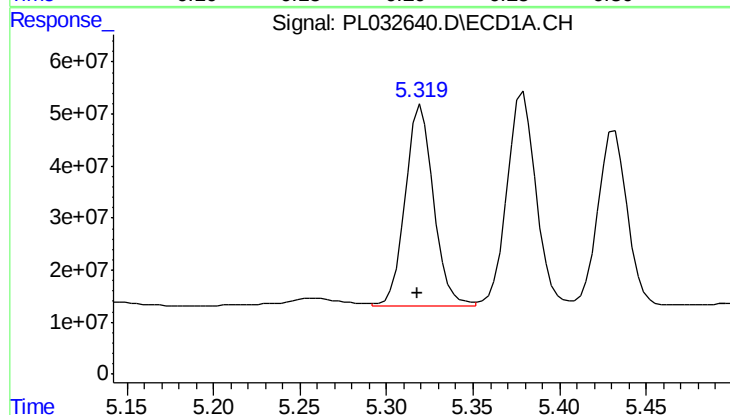
R.T.: 5.432 min
Delta R.T.: 0.001 min
Response: 395671190
Conc: 34.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



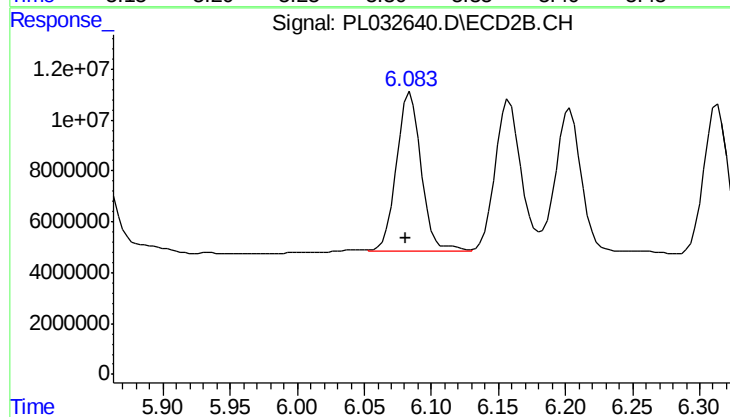
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 72031866
Conc: 39.92 ng/ml



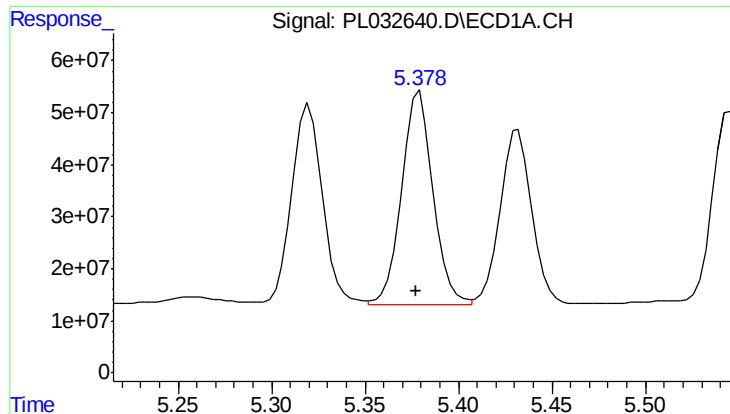
#10 gamma-Chlordane

R.T.: 5.320 min
Delta R.T.: 0.002 min
Response: 440535447
Conc: 34.13 ng/ml



#10 gamma-Chlordane

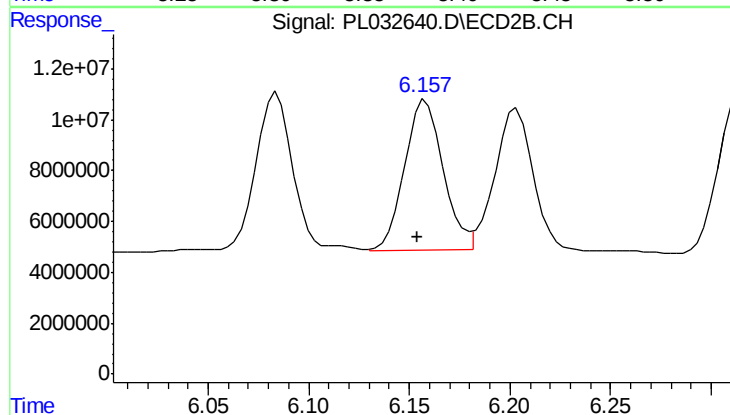
R.T.: 6.084 min
Delta R.T.: 0.004 min
Response: 80379693
Conc: 41.22 ng/ml



#11 alpha-Chlordane

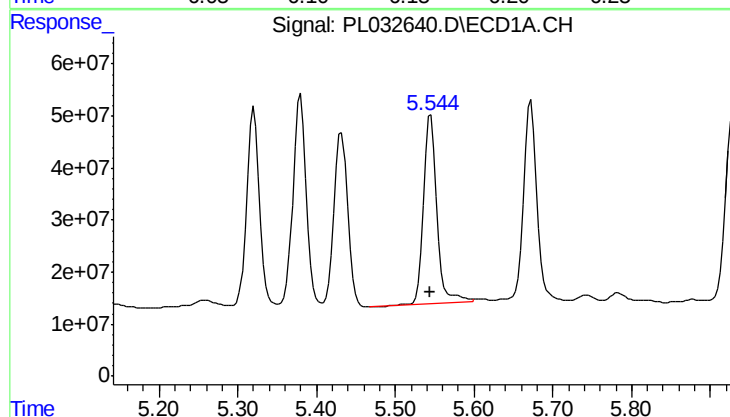
R.T.: 5.379 min
Delta R.T.: 0.002 min
Response: 479574417
Conc: 38.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



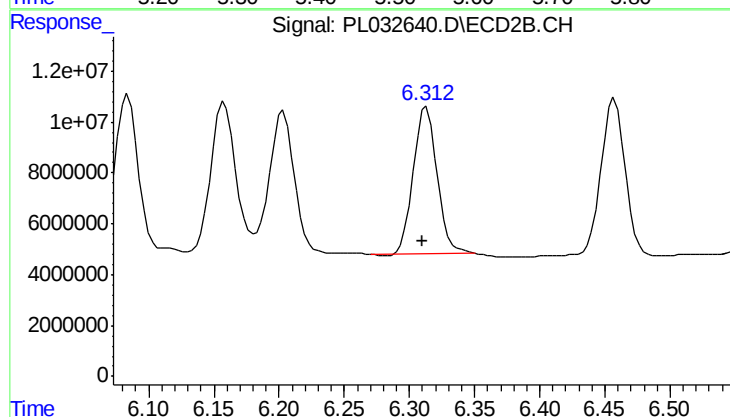
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 78217697
Conc: 41.27 ng/ml



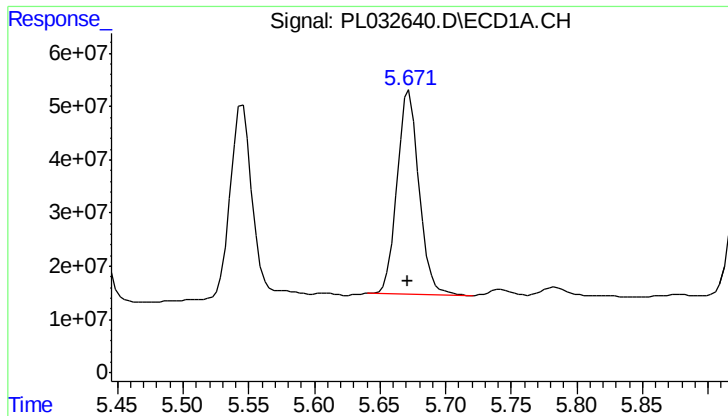
#12 4,4'-DDE

R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 438320339
Conc: 34.50 ng/ml



#12 4,4'-DDE

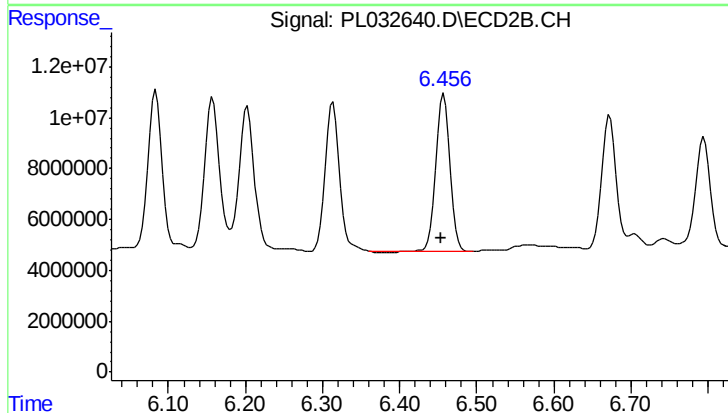
R.T.: 6.313 min
Delta R.T.: 0.004 min
Response: 72502269
Conc: 38.02 ng/ml



#13 Dieldrin

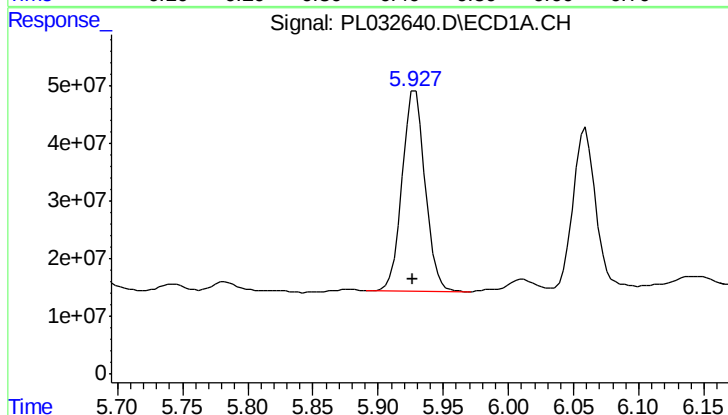
R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 444888214
Conc: 34.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



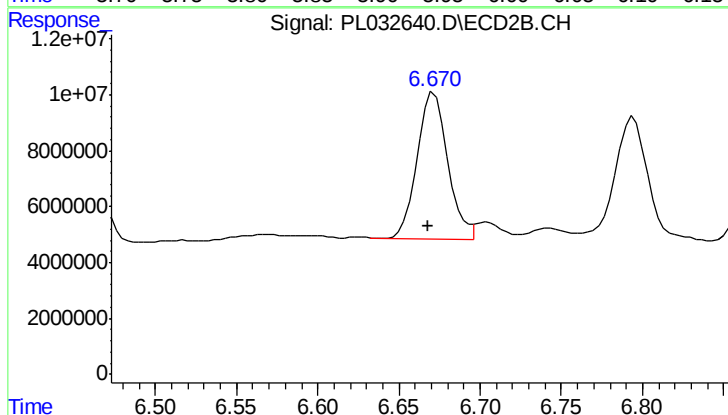
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 78627136
Conc: 41.14 ng/ml



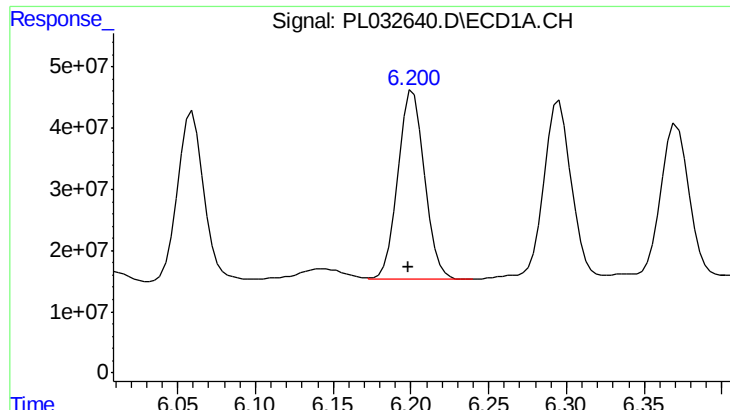
#14 Endrin

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 424678678
Conc: 36.36 ng/ml



#14 Endrin

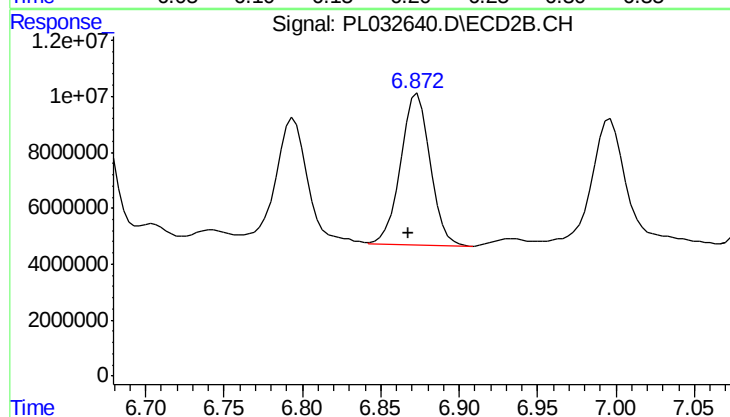
R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 68473648
Conc: 40.60 ng/ml



#15 Endosulfan II

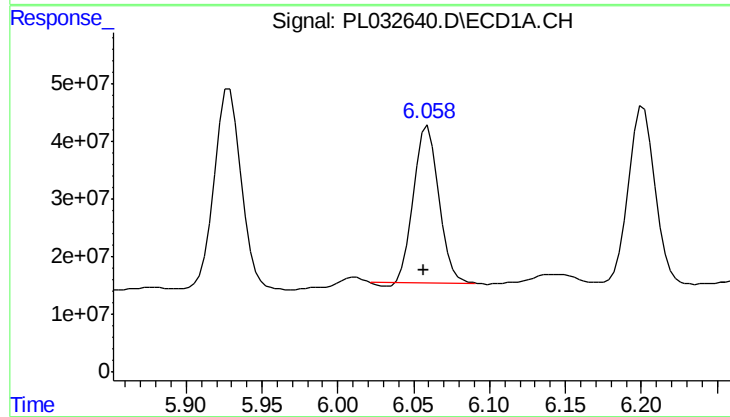
R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 374120054
Conc: 31.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



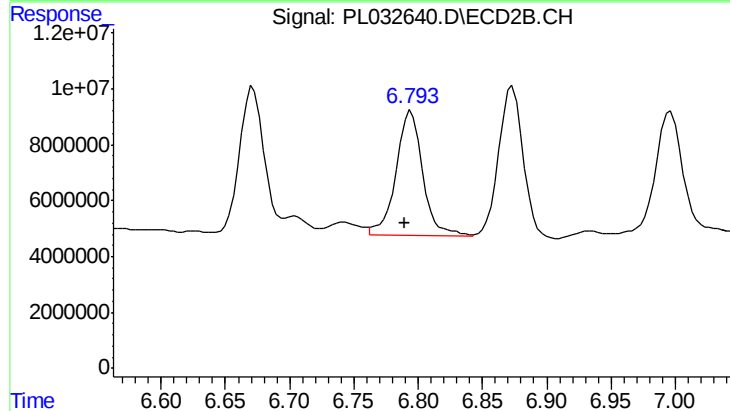
#15 Endosulfan II

R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 72004414
Conc: 40.90 ng/ml



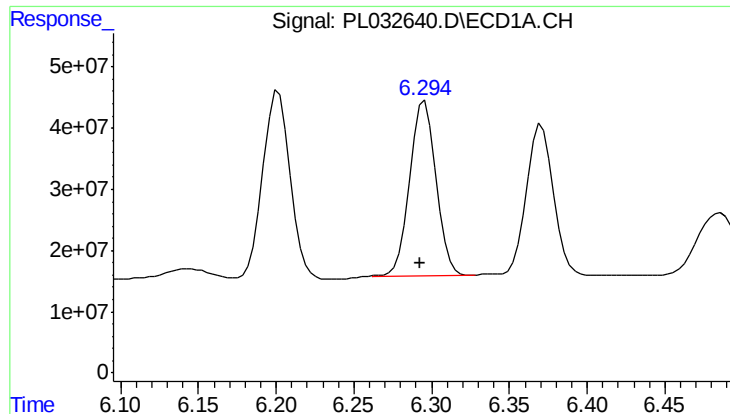
#16 4,4'-DDD

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 307623279
Conc: 29.24 ng/ml



#16 4,4'-DDD

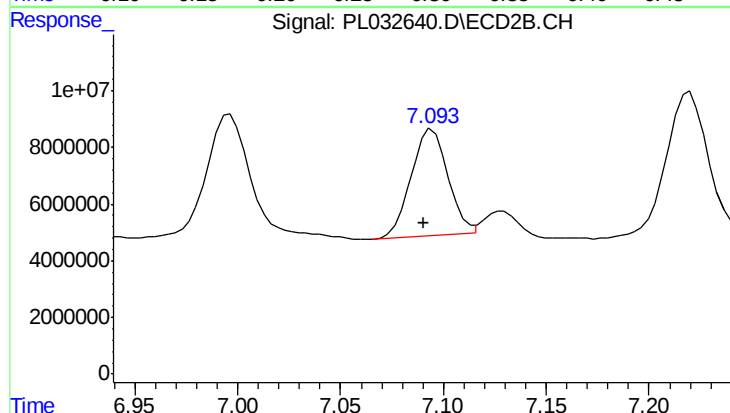
R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 65429387
Conc: 45.88 ng/ml



#17 4,4'-DDT

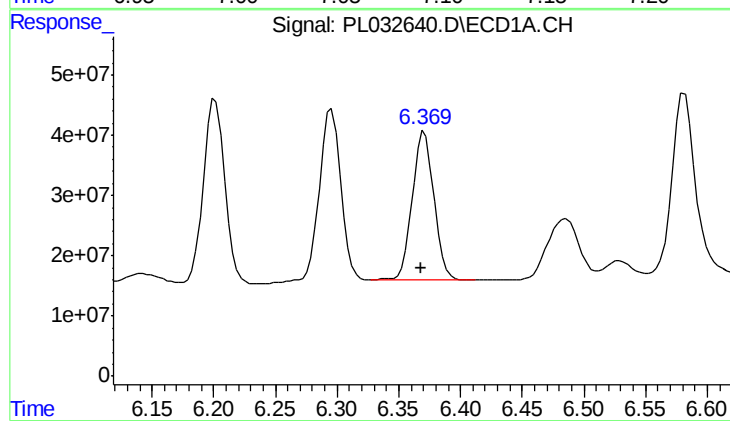
R.T.: 6.296 min
Delta R.T.: 0.003 min
Response: 341677832
Conc: 32.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



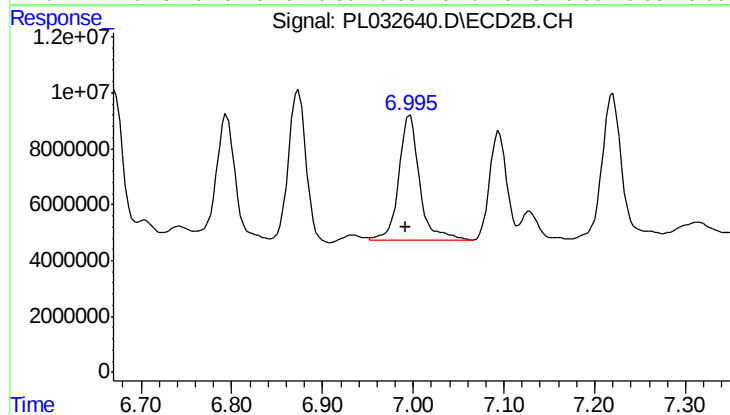
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.004 min
Response: 47234496
Conc: 35.42 ng/ml



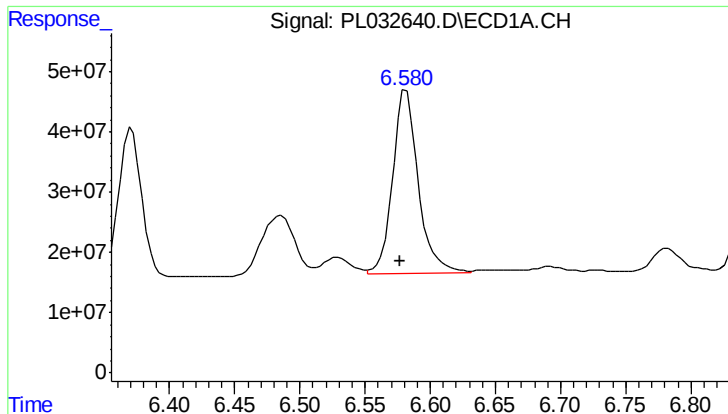
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 302673203
Conc: 30.65 ng/ml



#18 Endrin aldehyde

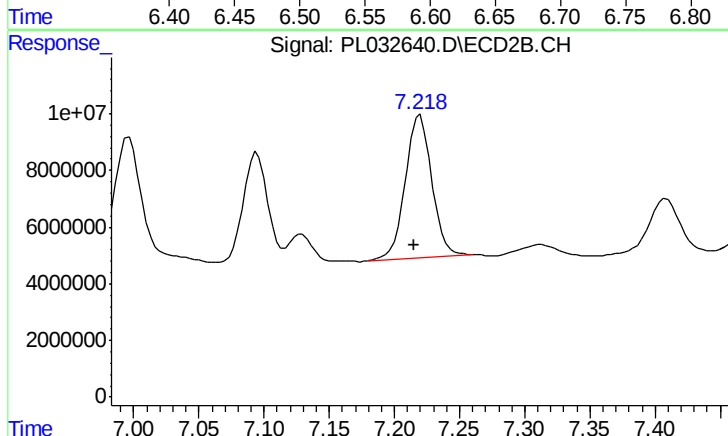
R.T.: 6.996 min
Delta R.T.: 0.004 min
Response: 70694261
Conc: 47.74 ng/ml



#19 Endosulfan Sulfate

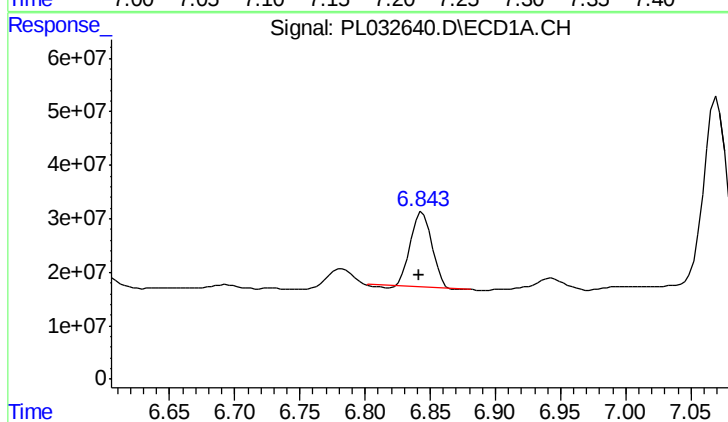
R.T.: 6.582 min
Delta R.T.: 0.005 min
Response: 420003274
Conc: 37.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



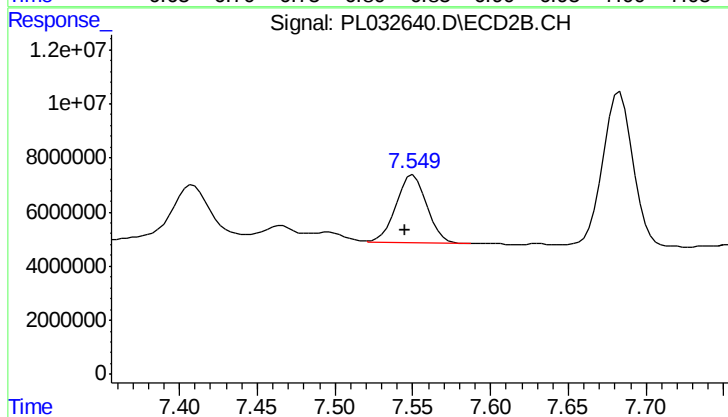
#19 Endosulfan Sulfate

R.T.: 7.220 min
Delta R.T.: 0.005 min
Response: 71382235
Conc: 44.26 ng/ml



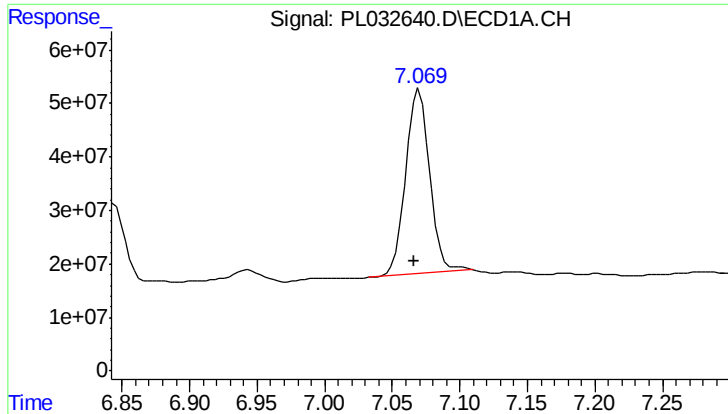
#20 Methoxychlor

R.T.: 6.844 min
Delta R.T.: 0.003 min
Response: 156755911
Conc: 26.98 ng/ml



#20 Methoxychlor

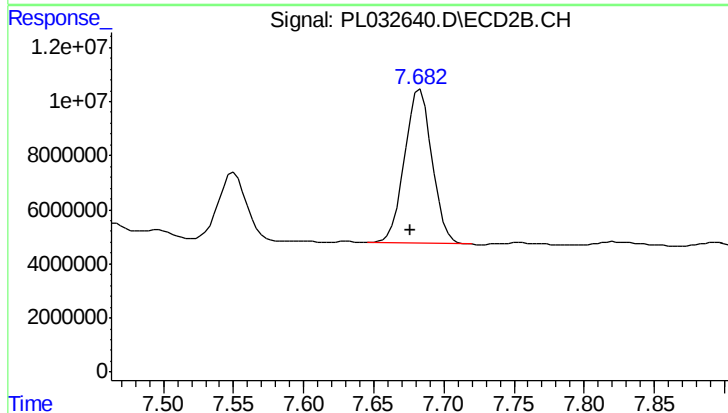
R.T.: 7.550 min
Delta R.T.: 0.005 min
Response: 35082384
Conc: 43.04 ng/ml



#21 Endrin ketone

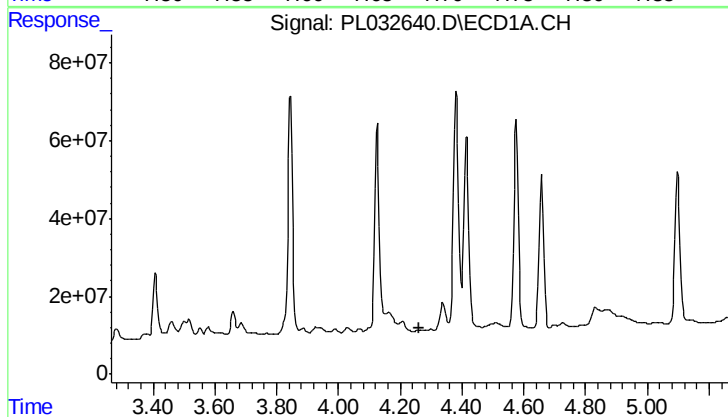
R.T.: 7.070 min
Delta R.T.: 0.004 min
Response: 428410973
Conc: 34.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



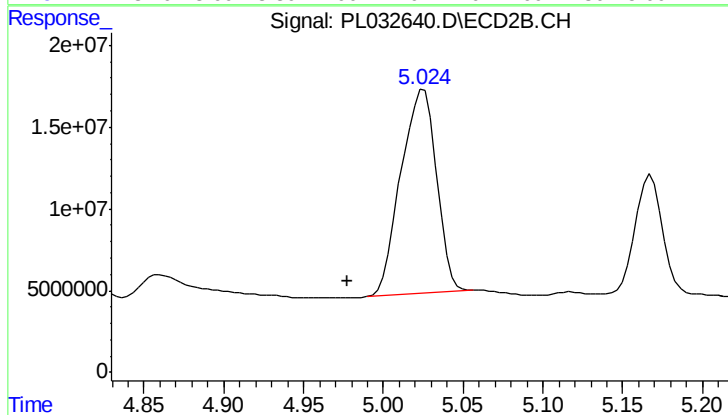
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.007 min
Response: 76996137
Conc: 42.63 ng/ml



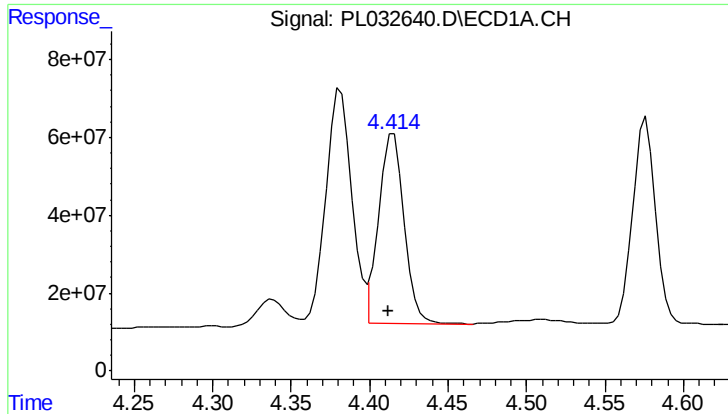
#23 Chlordane-1

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



#23 Chlordane-1

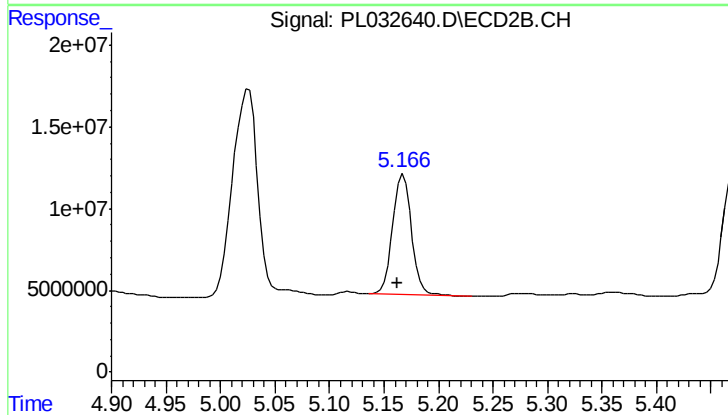
R.T.: 5.026 min
Delta R.T.: 0.048 min
Response: 195342055
Conc: 2526.23 ng/ml



#24 Chlordane-2

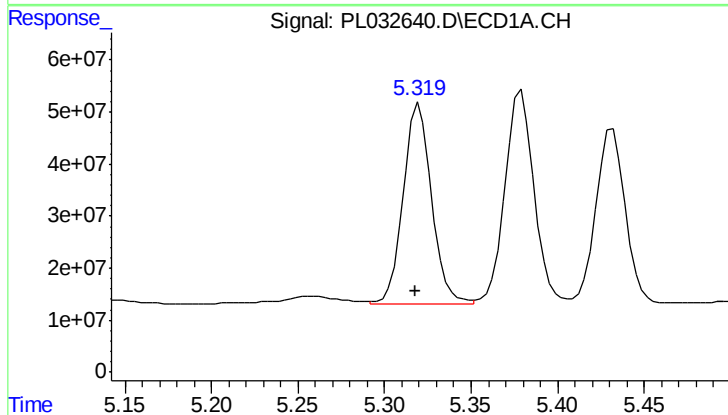
R.T.: 4.415 min
Delta R.T.: 0.003 min
Response: 545068207
Conc: 887.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



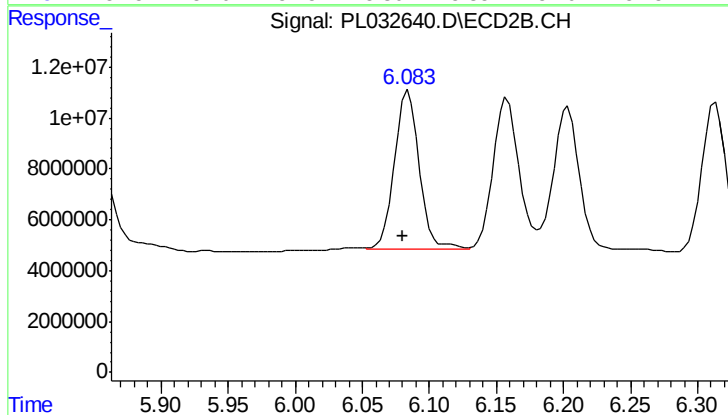
#24 Chlordane-2

R.T.: 5.168 min
Delta R.T.: 0.005 min
Response: 89587279
Conc: 763.42 ng/ml



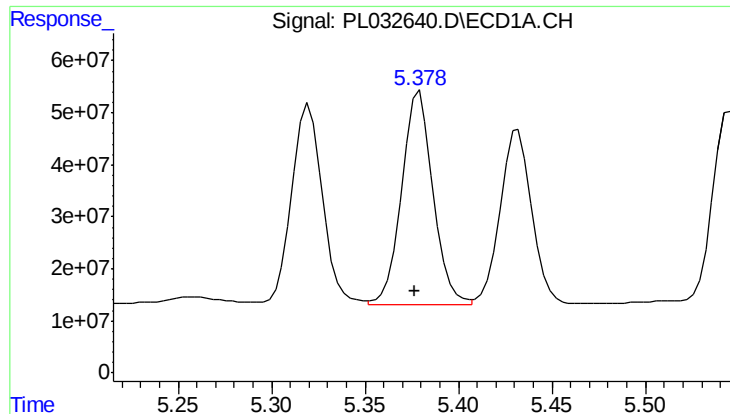
#25 Chlordane-3

R.T.: 5.320 min
Delta R.T.: 0.002 min
Response: 440535447
Conc: 295.14 ng/ml



#25 Chlordane-3

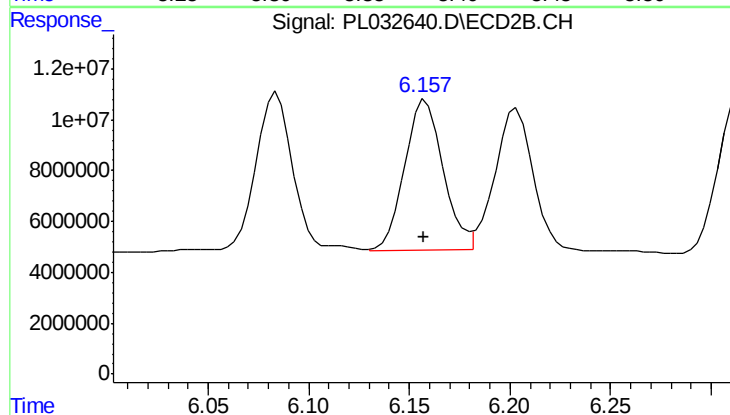
R.T.: 6.084 min
Delta R.T.: 0.004 min
Response: 80379693
Conc: 291.67 ng/ml



#26 Chlordane-4

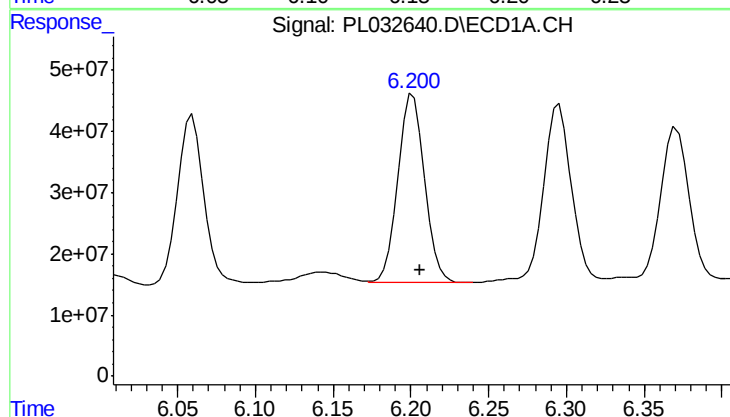
R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 479574417
Conc: 372.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



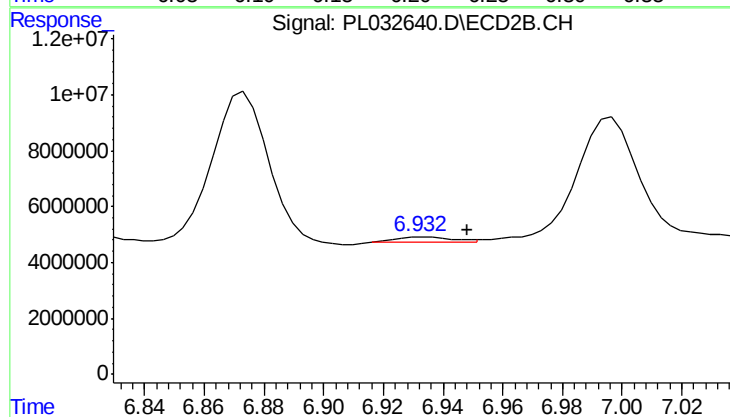
#26 Chlordane-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 78217697
Conc: 239.41 ng/ml



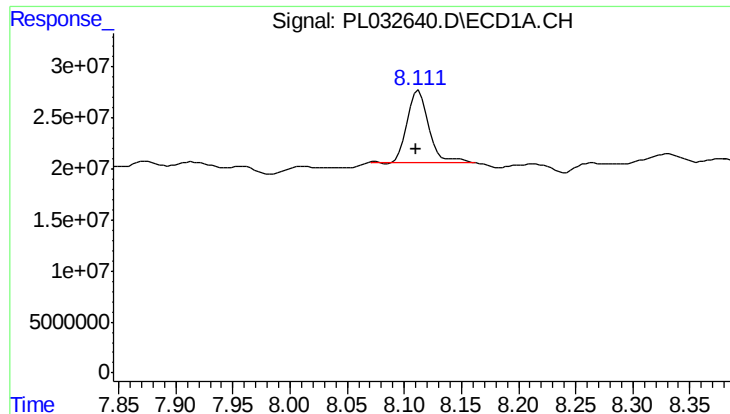
#27 Chlordane-5

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 374120054
Conc: 756.66 ng/ml



#27 Chlordane-5

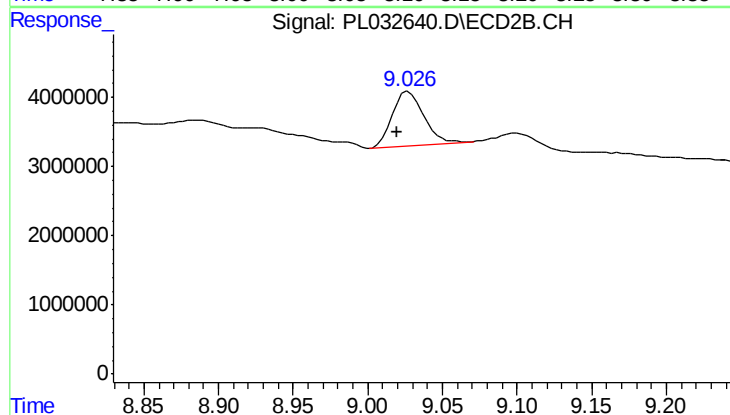
R.T.: 6.933 min
Delta R.T.: -0.015 min
Response: 2680443
Conc: 44.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.113 min
Delta R.T.: 0.003 min
Response: 93316078
Conc: 8.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.008 min
Response: 11426512
Conc: 6.01 ng/ml