

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
 Data File : PD065506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 16:36
 Operator : AR\AJ
 Sample : M3573-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ESQK5MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 08:16:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 28 03:49:37 2021
 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.014	19396536	140.3E6	17.158	17.317
27)	SA Decachlor...	8.241	9.087	48242298	158.8E6	33.394	30.702
Target Compounds							
2)	A alpha-BHC	3.936	4.409	72738266	508.1E6	47.246	46.504
3)	MA gamma-BHC...	4.219	4.696	72234336	480.6E6	44.149	45.692
4)	MA Heptachlor	4.517	5.200	64111901	430.4E6	43.734	42.776
5)	MB Aldrin	4.765	5.505	60971837	400.4E6	43.189	41.850
6)	B beta-BHC	4.467	4.871	29937963	202.2E6	40.590	42.122
7)	B delta-BHC	4.672	5.088	68719878	461.6E6	45.762	44.779
8)	B Heptachlor...	5.208	5.895	59734380	349.4E6	44.296	42.840
9)	A Endosulfan I	5.546	6.253	55918108	318.2E6	43.863	42.916
10)	B trans-Chl...	5.433	6.129	59987297	353.5E6	43.796	43.583
11)	B cis-Chlor...	5.491	6.200	58798156	336.5E6	43.221	42.438
12)	B 4,4'-DDE	5.653	6.358	115.6E6	668.0E6	92.429	90.265
13)	MA Dieldrin	5.789	6.511	124.4E6	694.5E6	92.981	90.780
14)	MA Endrin	6.047	6.730	112.3E6	577.5E6	92.226	91.164
15)	B Endosulfa...	6.319	6.943	108.6E6	572.3E6	86.260	88.249
16)	A 4,4'-DDD	6.169	6.852	103.0E6	557.1E6	93.838	92.562
17)	MA 4,4'-DDT	6.409	7.150	107.5E6	560.6E6	89.577	91.905
18)	B Endrin al...	6.488	7.068	94243375	488.3E6	94.002	95.415
19)	B Endosulfa...	6.699	7.290	111.7E6	551.8E6	87.294	88.800
20)	A Methoxychlor	6.956	7.610	284.1E6	1253.4E6	434.538	429.470
21)	B Endrin ke...	7.194	7.764	139.0E6	635.5E6	89.477	89.457
22)	Toxaphene-1	5.789	6.444	124.4E6	568153	14250.636	16.474 #
23)	Toxaphene-2	6.249	6.730	821270	577.5E6	82.736	15277.474 #
24)	Toxaphene-3	6.319	7.150	108.6E6	560.6E6	4957.622	5248.855
25)	Toxaphene-4	6.625	7.290	777206	551.8E6	32.468	5165.561 #
26)	Toxaphene-5	7.110	7.691	770783	3353357	28.233	40.183 #

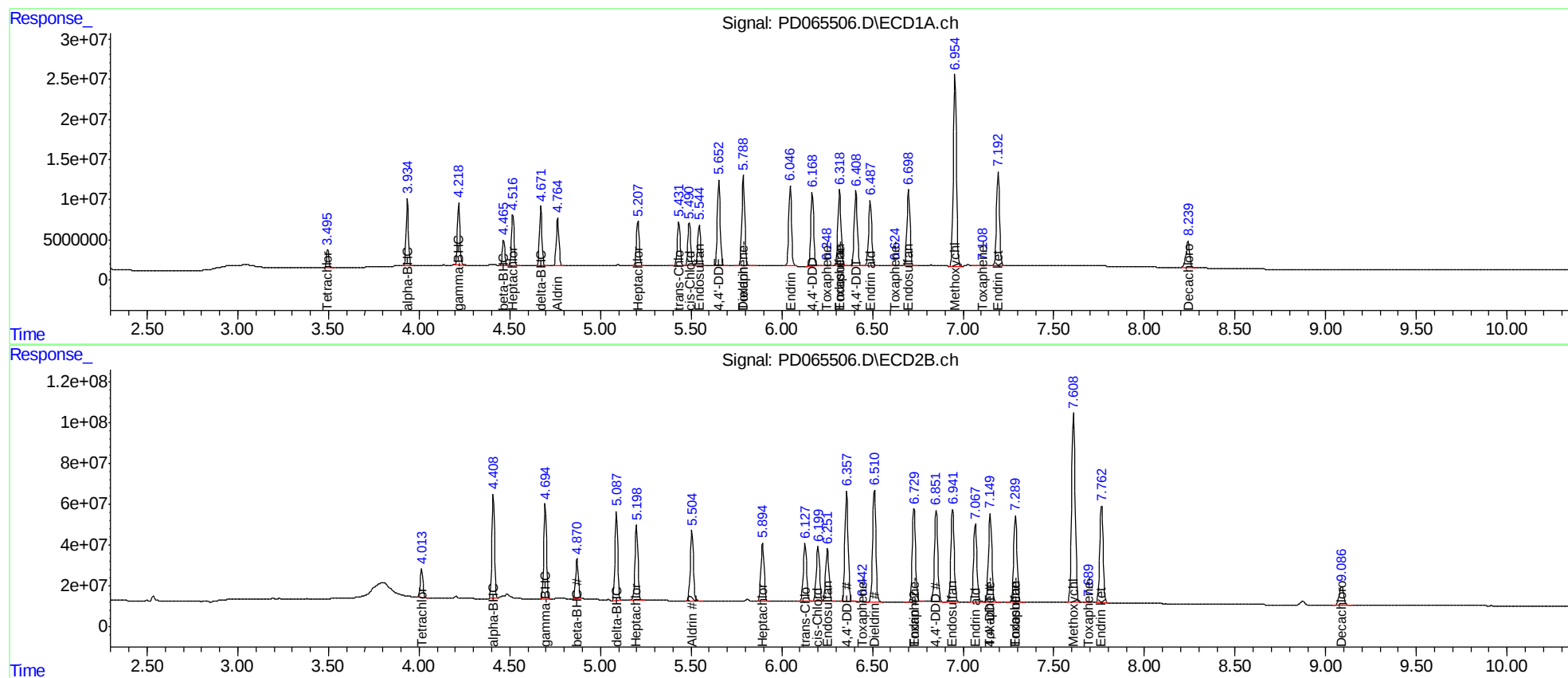
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

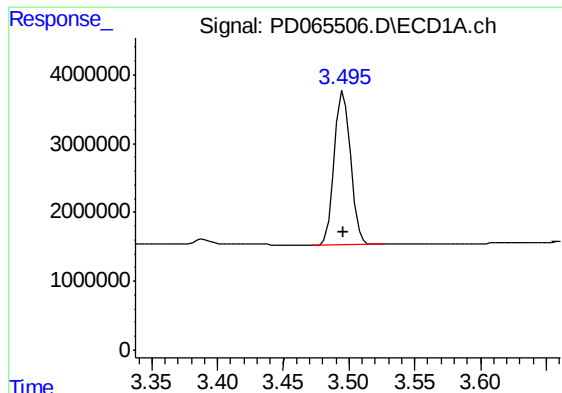
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
Data File : PD065506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2021 16:36
Operator : AR\AJ
Sample : M3573-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 01 08:16:27 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
Quant Title : GC Extractables
QLast Update : Sat Aug 28 03:49:37 2021
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 x 0.50µm

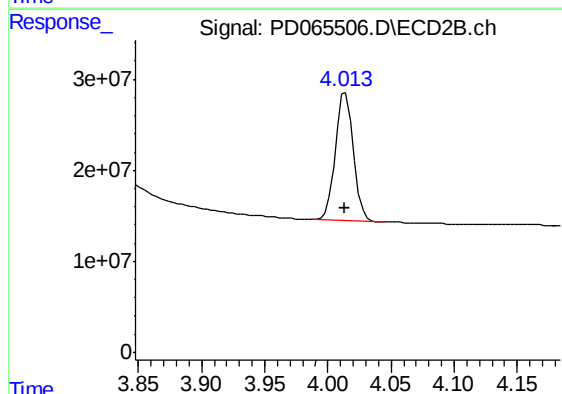




#1 Tetrachloro-m-xylene

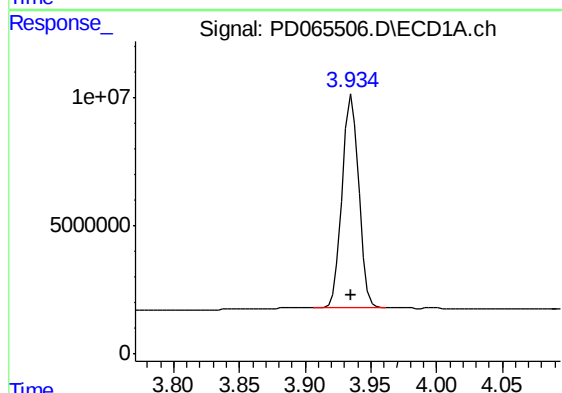
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 19396536
Conc: 17.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



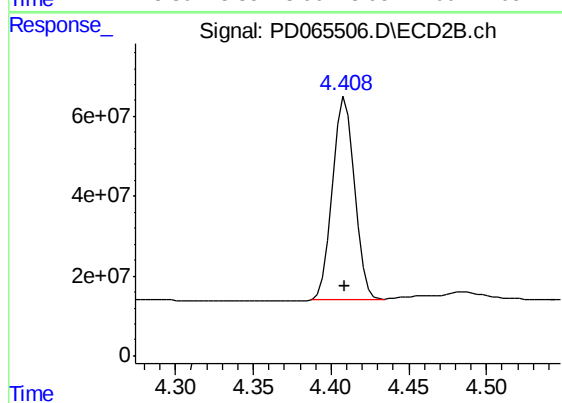
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 140289768
Conc: 17.32 ng/ml



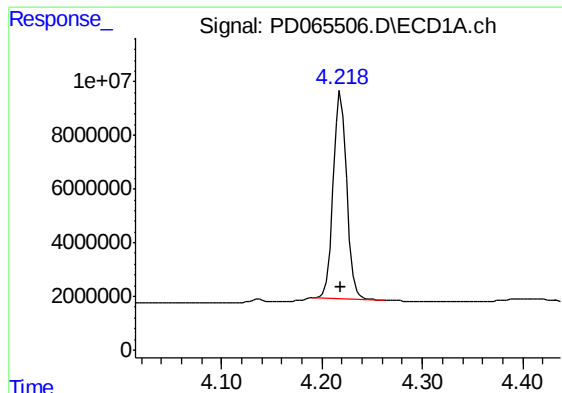
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.001 min
Response: 72738266
Conc: 47.25 ng/ml



#2 alpha-BHC

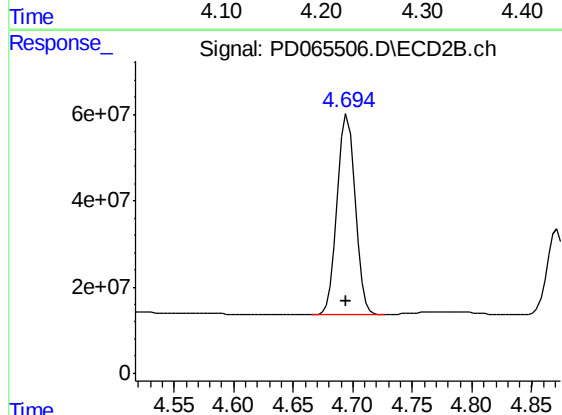
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 508092326
Conc: 46.50 ng/ml



#3 gamma-BHC (Lindane)

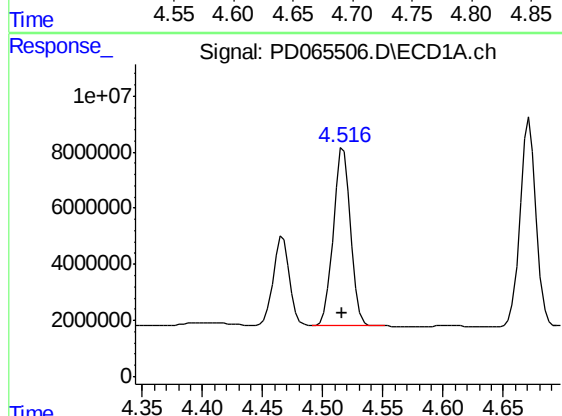
R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 72234336
Conc: 44.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



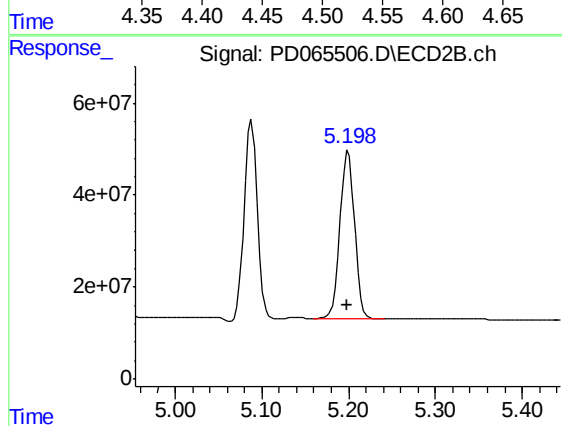
#3 gamma-BHC (Lindane)

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 480612110
Conc: 45.69 ng/ml



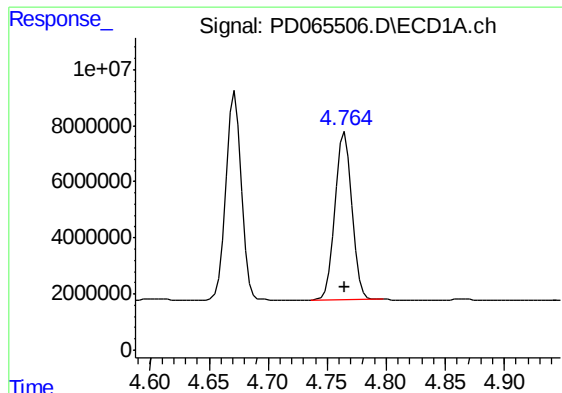
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 64111901
Conc: 43.73 ng/ml



#4 Heptachlor

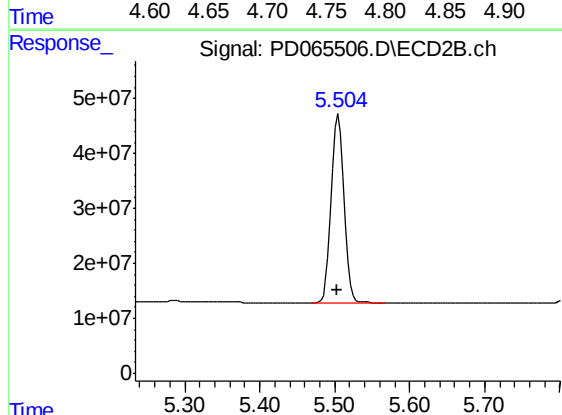
R.T.: 5.200 min
Delta R.T.: 0.001 min
Response: 430428176
Conc: 42.78 ng/ml



#5 Aldrin

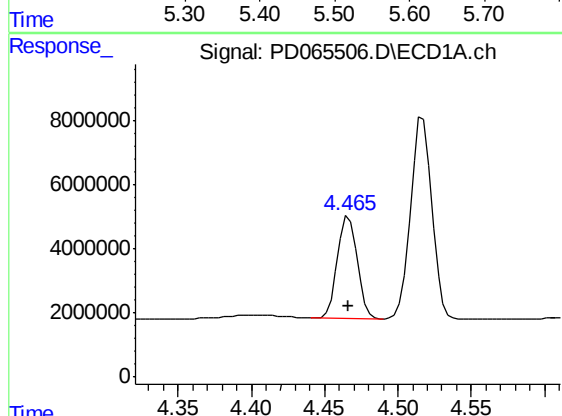
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 60971837
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



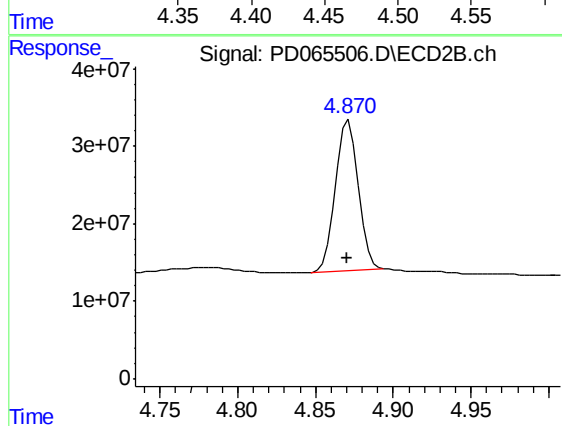
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 400360475
Conc: 41.85 ng/ml



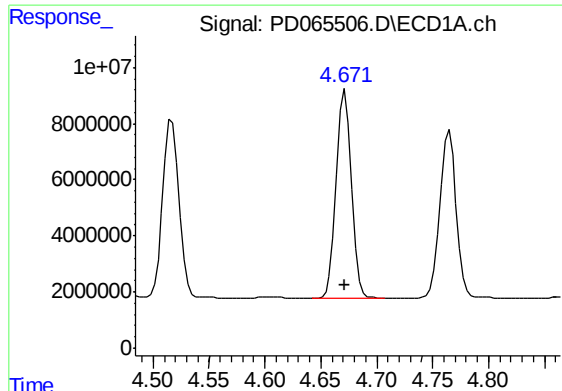
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 29937963
Conc: 40.59 ng/ml



#6 beta-BHC

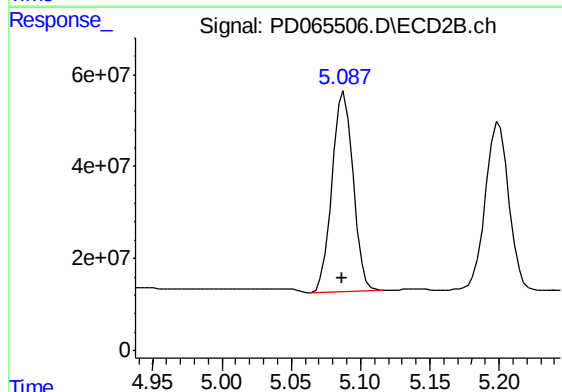
R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 202211298
Conc: 42.12 ng/ml



#7 delta-BHC

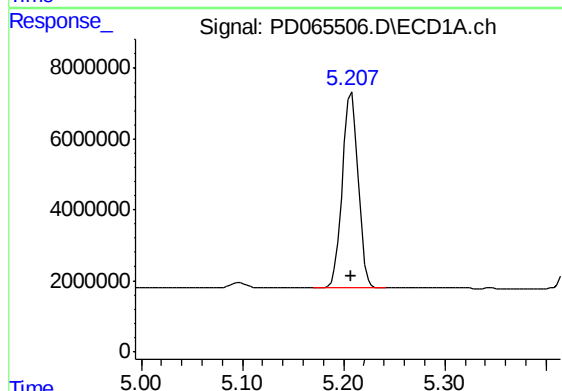
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 68719878
Conc: 45.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



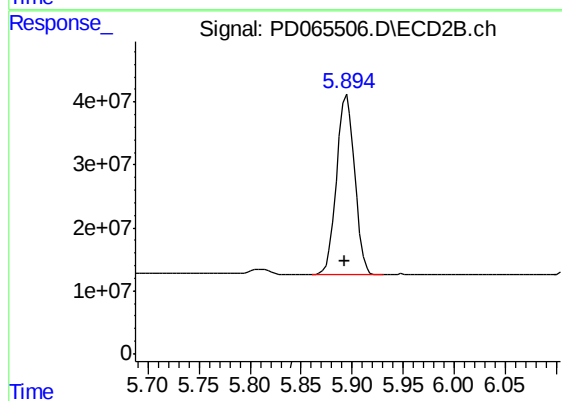
#7 delta-BHC

R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 461570495
Conc: 44.78 ng/ml



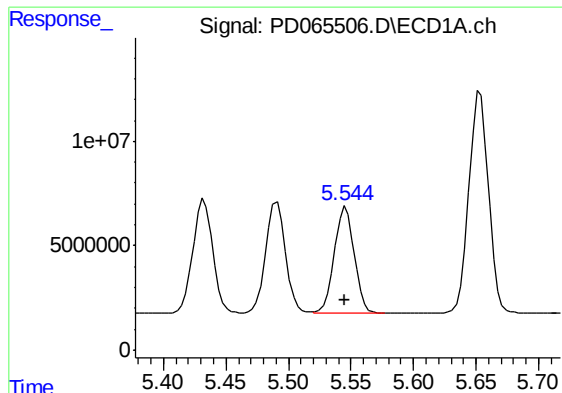
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.001 min
Response: 59734380
Conc: 44.30 ng/ml



#8 Heptachlor epoxide

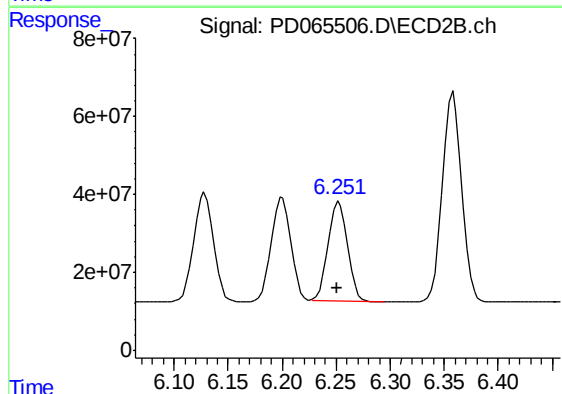
R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 349405355
Conc: 42.84 ng/ml



#9 Endosulfan I

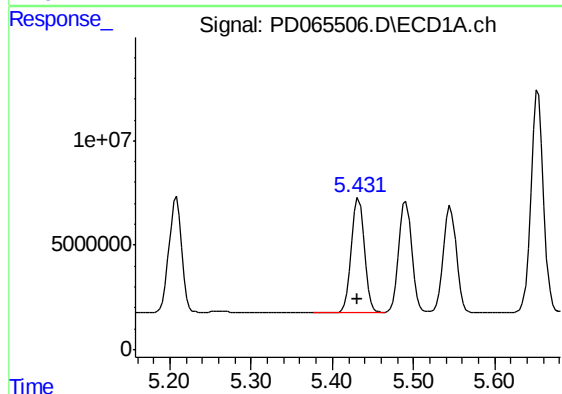
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 55918108
Conc: 43.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



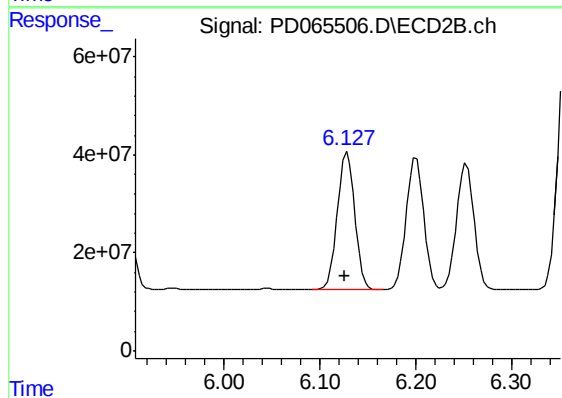
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 318225707
Conc: 42.92 ng/ml



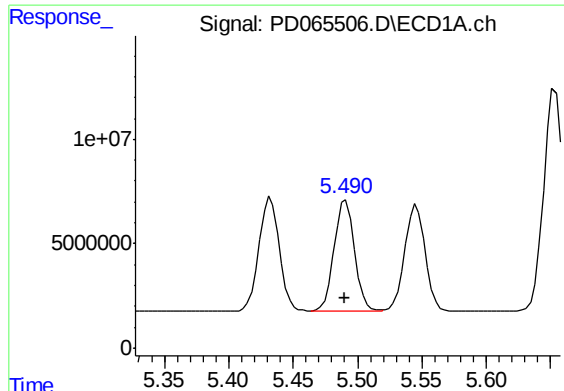
#10 trans-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.001 min
Response: 59987297
Conc: 43.80 ng/ml



#10 trans-Chlordane

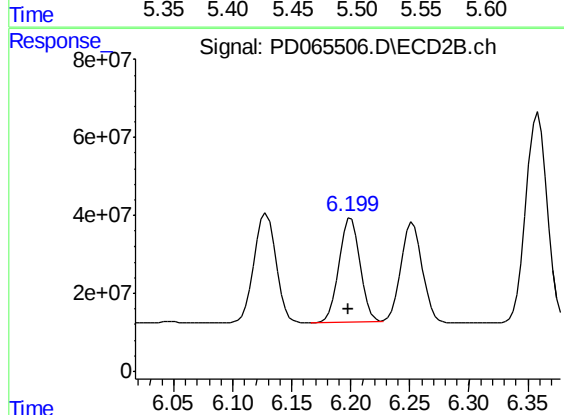
R.T.: 6.129 min
Delta R.T.: 0.002 min
Response: 353487886
Conc: 43.58 ng/ml



#11 cis-Chlordane

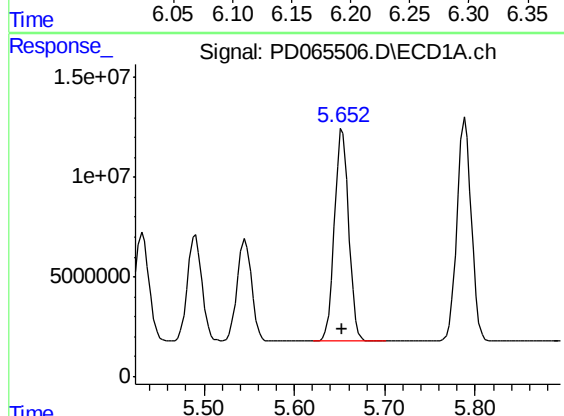
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 58798156
Conc: 43.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



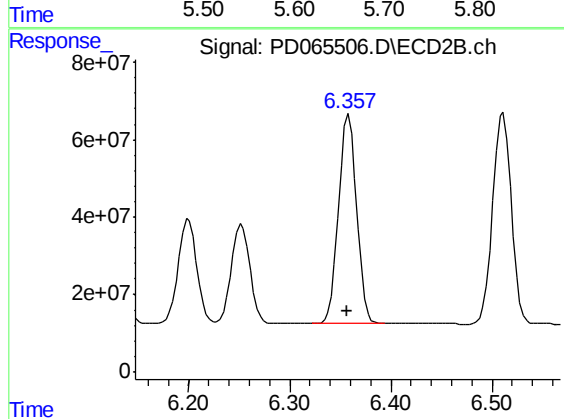
#11 cis-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 336457761
Conc: 42.44 ng/ml



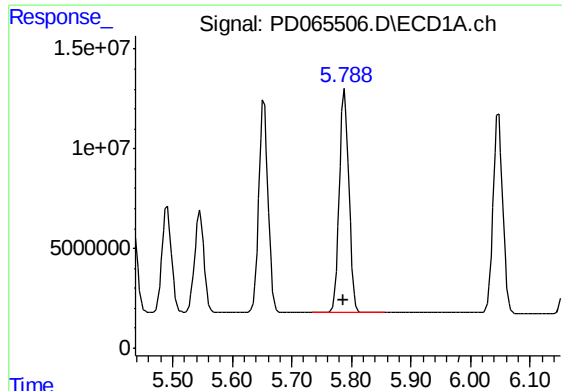
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.001 min
Response: 115608949
Conc: 92.43 ng/ml



#12 4,4'-DDE

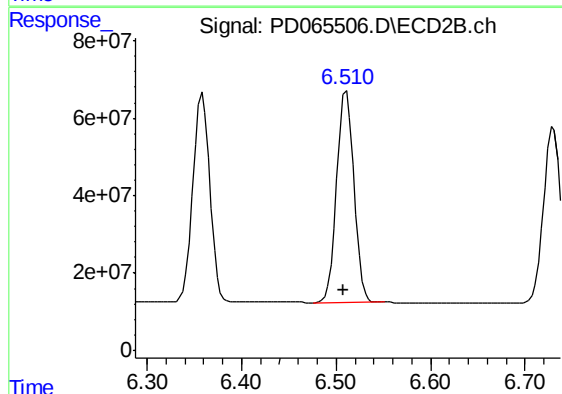
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 667978080
Conc: 90.27 ng/ml



#13 Dieldrin

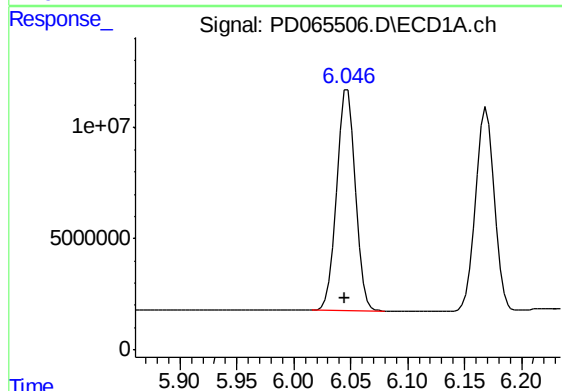
R.T.: 5.789 min
Delta R.T.: 0.001 min
Response: 124435119
Conc: 92.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



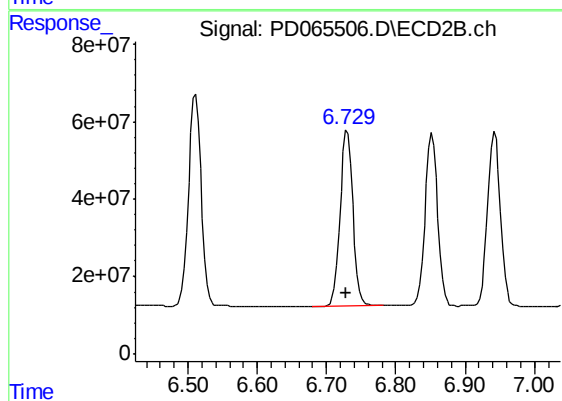
#13 Dieldrin

R.T.: 6.511 min
Delta R.T.: 0.003 min
Response: 694471010
Conc: 90.78 ng/ml



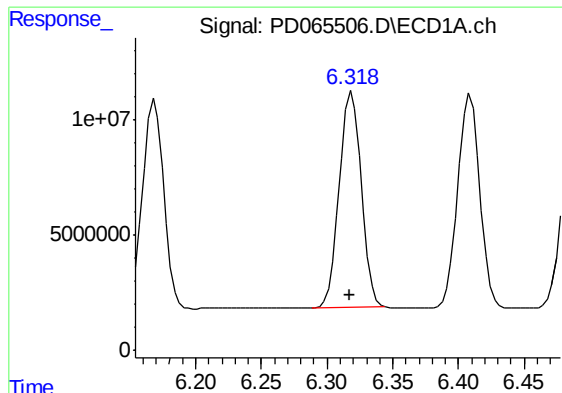
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.002 min
Response: 112315588
Conc: 92.23 ng/ml



#14 Endrin

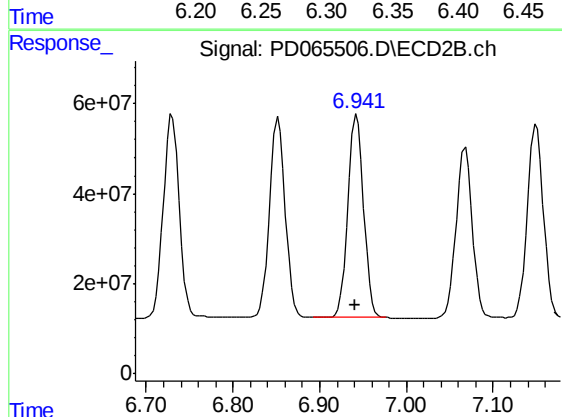
R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 577509844
Conc: 91.16 ng/ml



#15 Endosulfan II

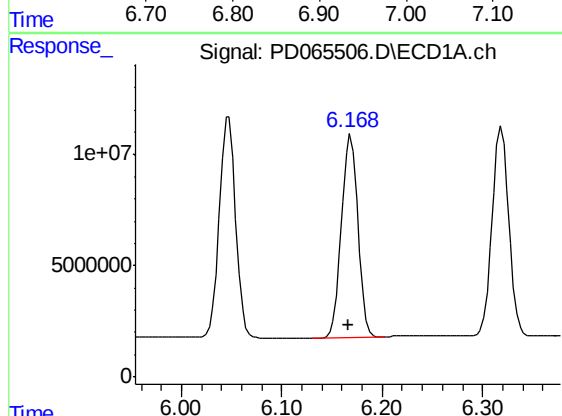
R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 108649913
Conc: 86.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



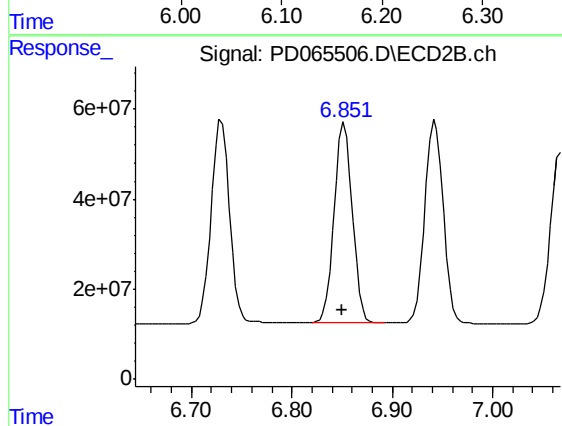
#15 Endosulfan II

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 572261040
Conc: 88.25 ng/ml



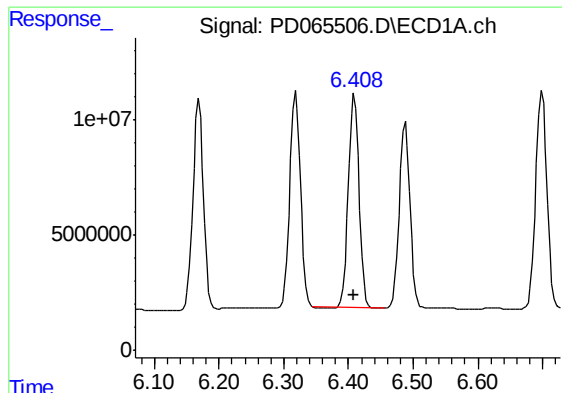
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.002 min
Response: 102988405
Conc: 93.84 ng/ml



#16 4,4'-DDD

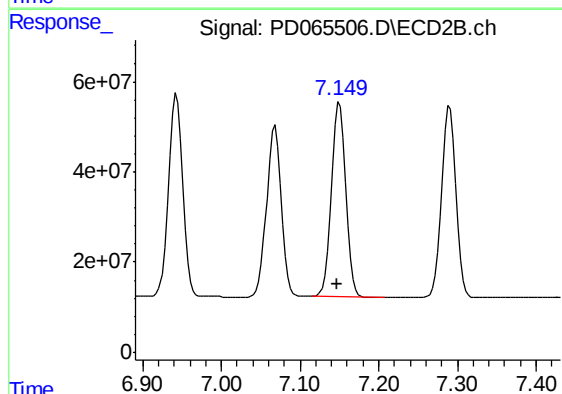
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 557124395
Conc: 92.56 ng/ml



#17 4,4'-DDT

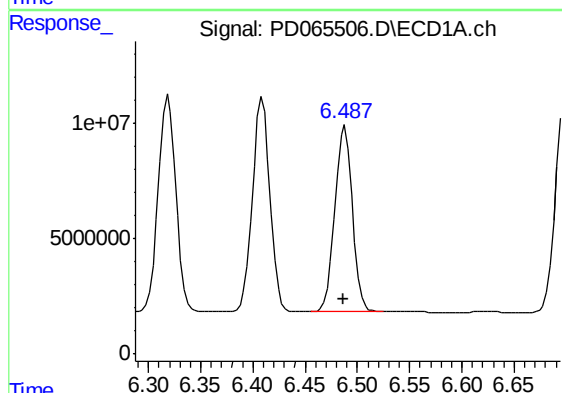
R.T.: 6.409 min
Delta R.T.: 0.001 min
Response: 107451531
Conc: 89.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



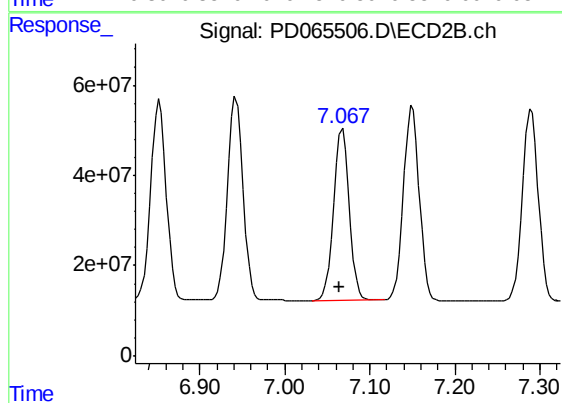
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 560590602
Conc: 91.91 ng/ml



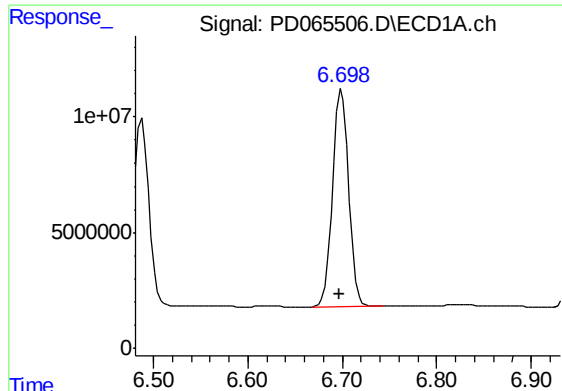
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 94243375
Conc: 94.00 ng/ml



#18 Endrin aldehyde

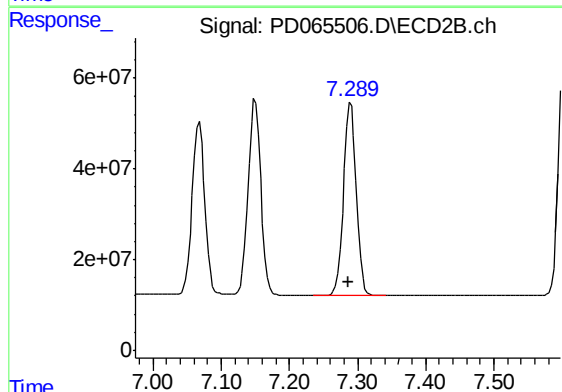
R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 488257883
Conc: 95.41 ng/ml



#19 Endosulfan Sulfate

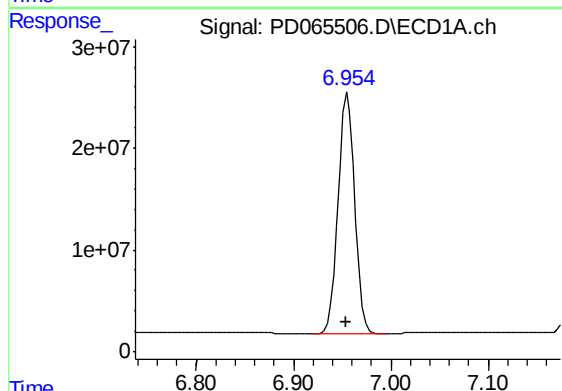
R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 111719451
Conc: 87.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



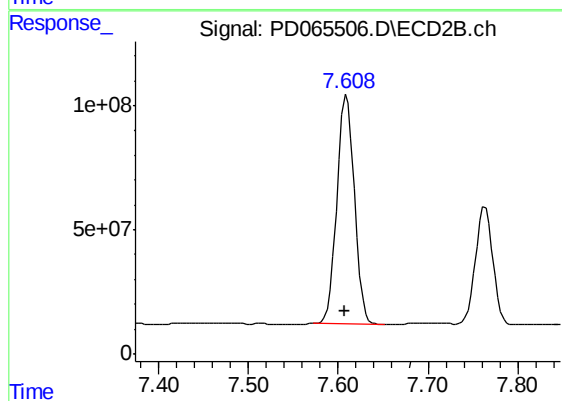
#19 Endosulfan Sulfate

R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 551801748
Conc: 88.80 ng/ml



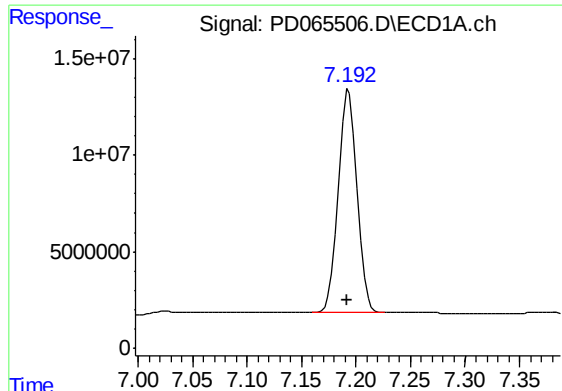
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 284112843
Conc: 434.54 ng/ml



#20 Methoxychlor

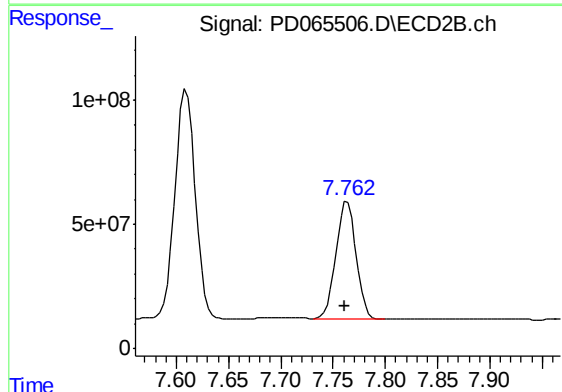
R.T.: 7.610 min
Delta R.T.: 0.003 min
Response: 1253437323
Conc: 429.47 ng/ml



#21 Endrin ketone

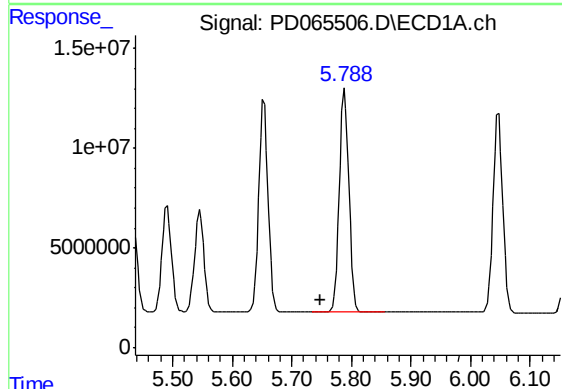
R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 139035042
Conc: 89.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



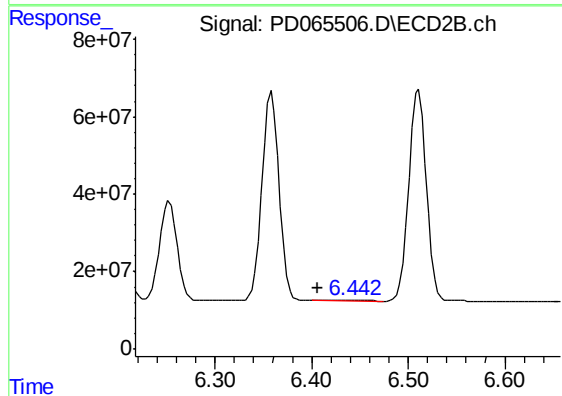
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 635503223
Conc: 89.46 ng/ml



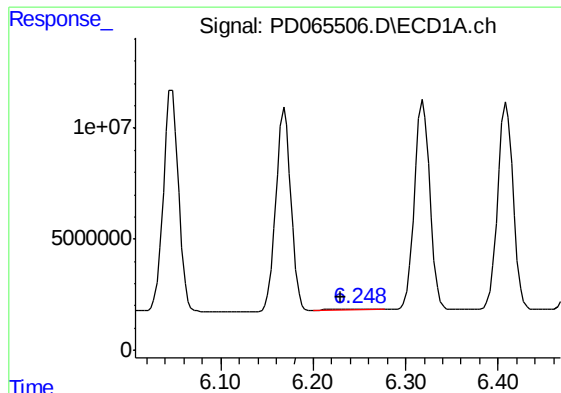
#22 Toxaphene-1

R.T.: 5.789 min
Delta R.T.: 0.041 min
Response: 124435119
Conc: 14250.64 ng/ml



#22 Toxaphene-1

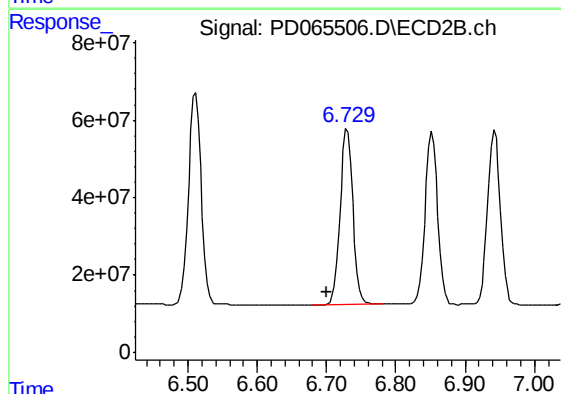
R.T.: 6.444 min
Delta R.T.: 0.038 min
Response: 568153
Conc: 16.47 ng/ml



#23 Toxaphene-2

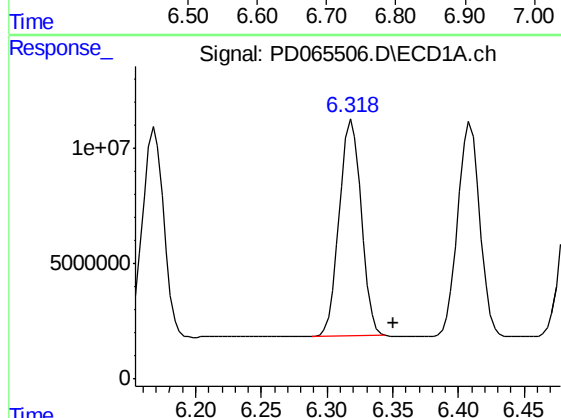
R.T.: 6.249 min
Delta R.T.: 0.019 min
Response: 821270
Conc: 82.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



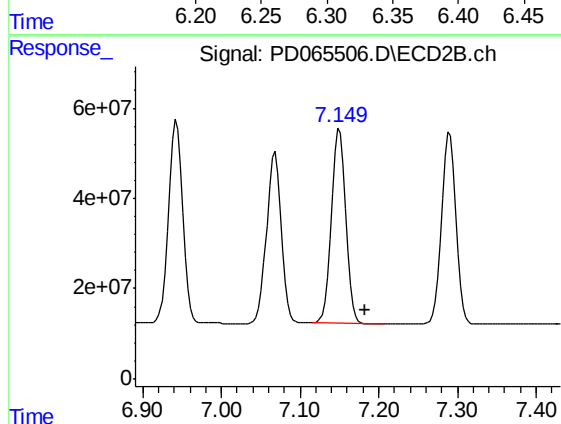
#23 Toxaphene-2

R.T.: 6.730 min
Delta R.T.: 0.030 min
Response: 577509844
Conc: 15277.47 ng/ml



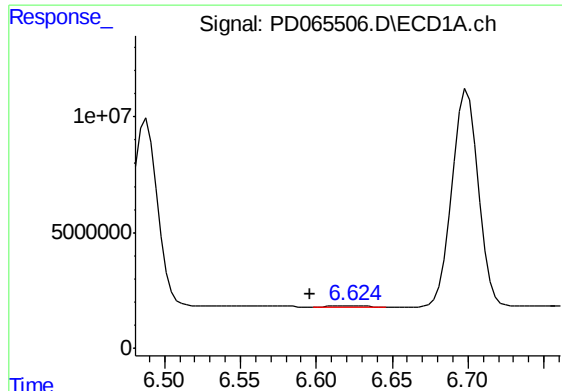
#24 Toxaphene-3

R.T.: 6.319 min
Delta R.T.: -0.031 min
Response: 108649913
Conc: 4957.62 ng/ml



#24 Toxaphene-3

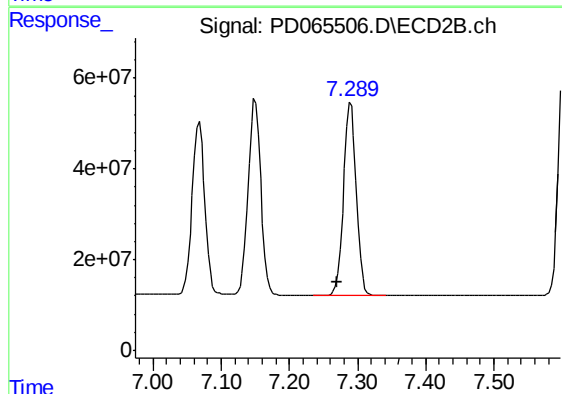
R.T.: 7.150 min
Delta R.T.: -0.032 min
Response: 560590602
Conc: 5248.86 ng/ml



#25 Toxaphene-4

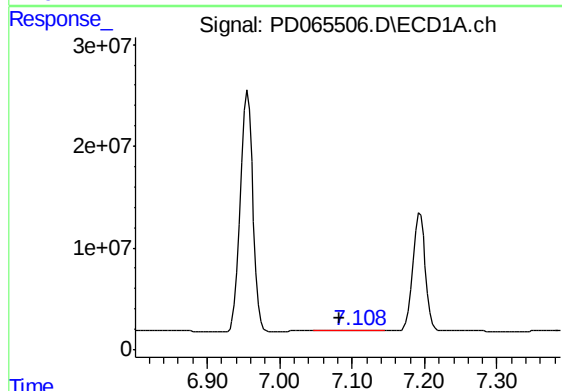
R.T.: 6.625 min
Delta R.T.: 0.029 min
Response: 777206
Conc: 32.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



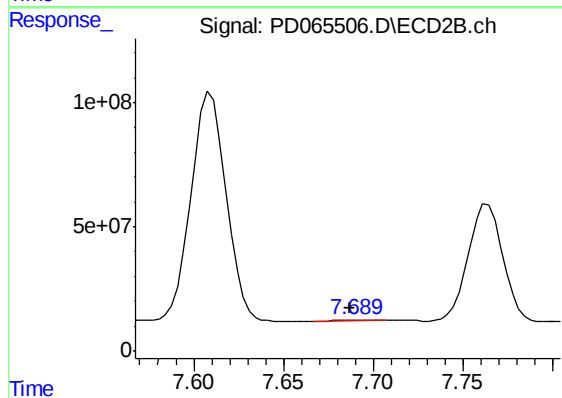
#25 Toxaphene-4

R.T.: 7.290 min
Delta R.T.: 0.021 min
Response: 551801748
Conc: 5165.56 ng/ml



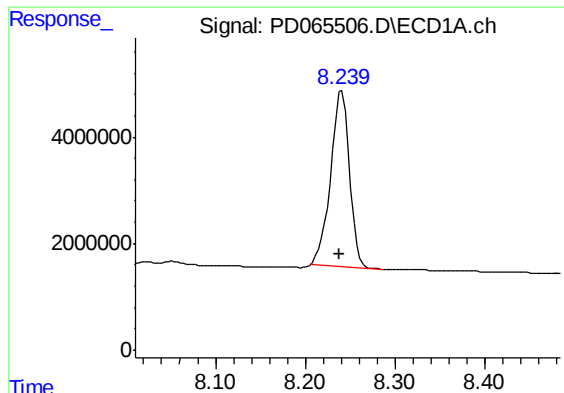
#26 Toxaphene-5

R.T.: 7.110 min
Delta R.T.: 0.027 min
Response: 770783
Conc: 28.23 ng/ml



#26 Toxaphene-5

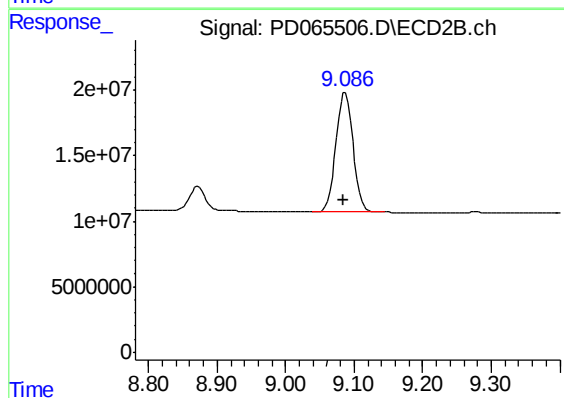
R.T.: 7.691 min
Delta R.T.: 0.004 min
Response: 3353357
Conc: 40.18 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.002 min
Response: 48242298
Conc: 33.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
ESQK5MSD



#27 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.003 min
Response: 158766370
Conc: 30.70 ng/ml