

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042537.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 15:54
 Operator : YP\AJ
 Sample : 03103-01D
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 10 01:36:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.982	185211	1.049 ug/ml
Spiked Amount 50.000		Recovery =	2.10%
12) S 1-chlorooctadecane (S...	13.386	39132920	294.501 ug/ml
Spiked Amount 50.000		Recovery =	589.00%
Target Compounds			
4) T n-Dodecane (C12)	6.742	455464	3.037 ug/ml
5) T A~2-methylnaphthalene...	7.382	332972	2.098 ug/ml
6) T n-Tetradecane (C14)	8.571	773031	5.160 ug/ml
7) T n-Hexadecane (C16)	10.179	1048208	6.729 ug/ml
8) T n-Octadecane (C18)	11.623	768063	4.857 ug/ml
10) T n-Eicosane (C20)	12.933	664699	4.385 ug/ml
11) T n-Heneicosane (C21)	13.548	377551	2.548 ug/ml
13) T n-Docosane (C22)	14.170	165820	1.131 ug/ml
14) T n-Tetracosane (C24)	15.219	1476648	10.229 ug/ml
16) T n-Octacosane (C28)	17.219	403838	3.016 ug/ml
17) T n-Tricontane (C30)	18.095	397274	2.943 ug/ml
18) T n-Dotriacontane (C32)	18.930	211089	1.580 ug/ml
19) T n-Tetratriacontane (C34)	19.715	115112	0.875 ug/ml

(f)=RT Delta > 1/2 Window

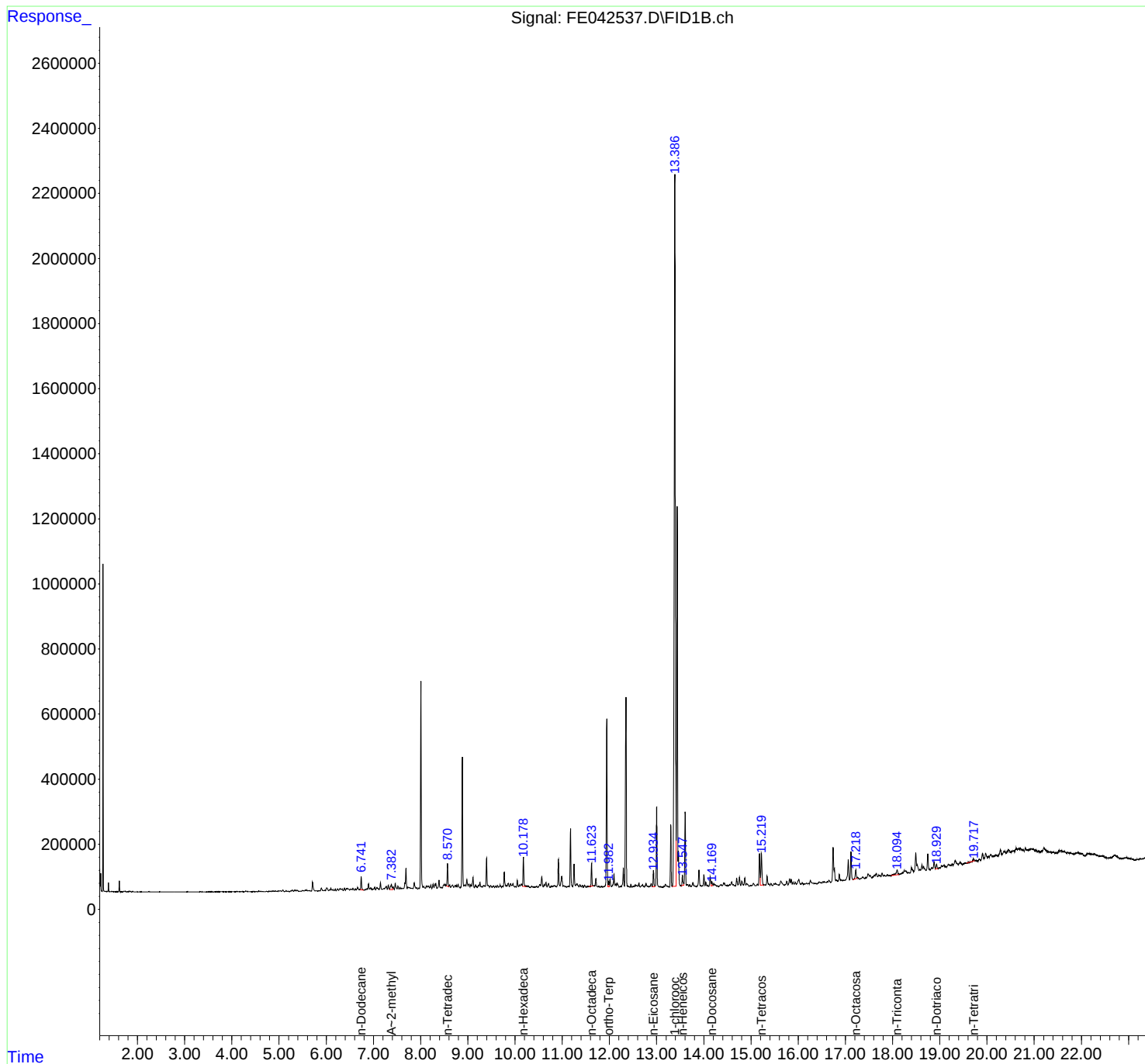
(m)=manual int.

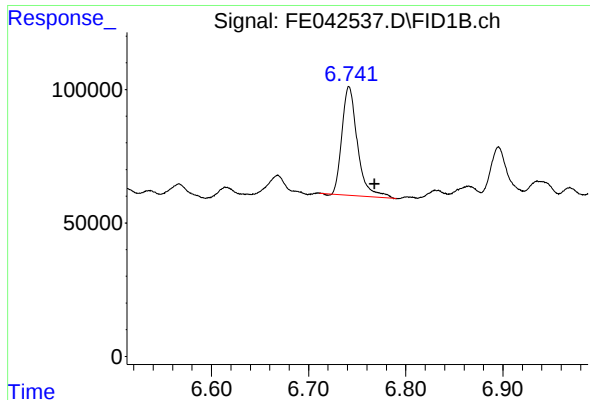
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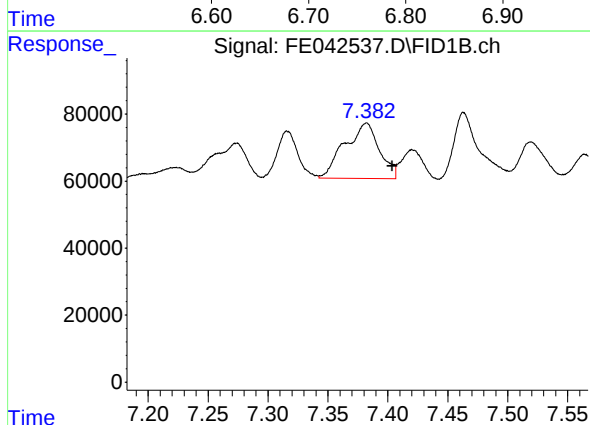




#4 n-Dodecane (C12)

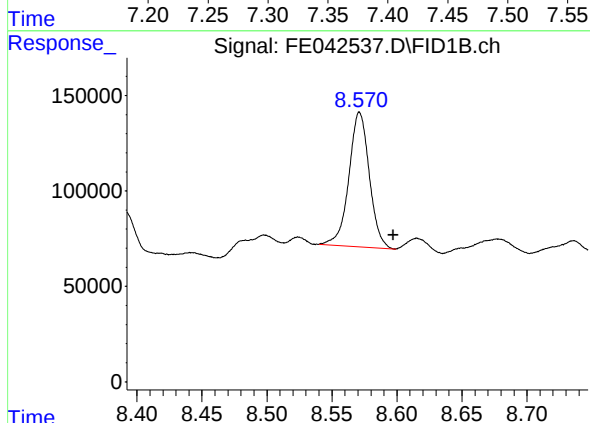
R.T.: 6.742 min
Delta R.T.: -0.026 min
Response: 455464
Conc: 3.04 ug/ml

Instrument :
FID_E
ClientSampleId :



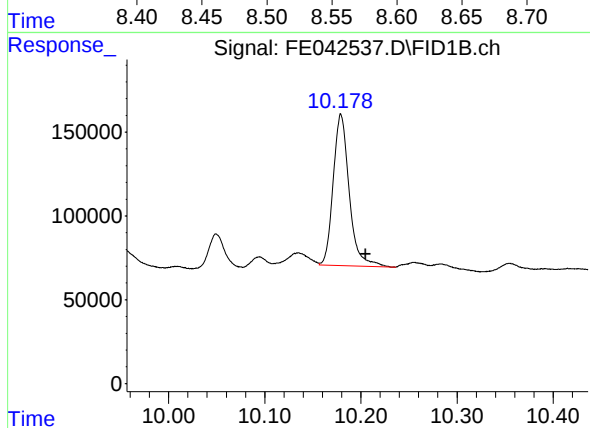
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: -0.021 min
Response: 332972
Conc: 2.10 ug/ml



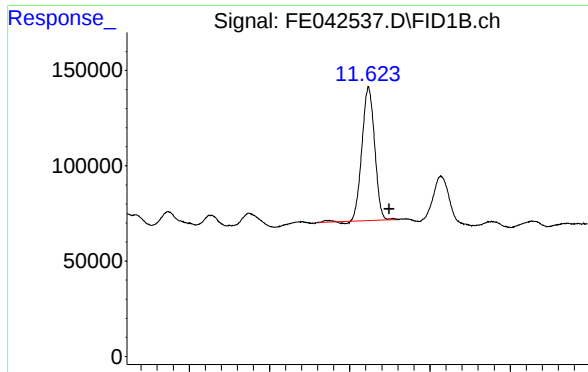
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.026 min
Response: 773031
Conc: 5.16 ug/ml



#7 n-Hexadecane (C16)

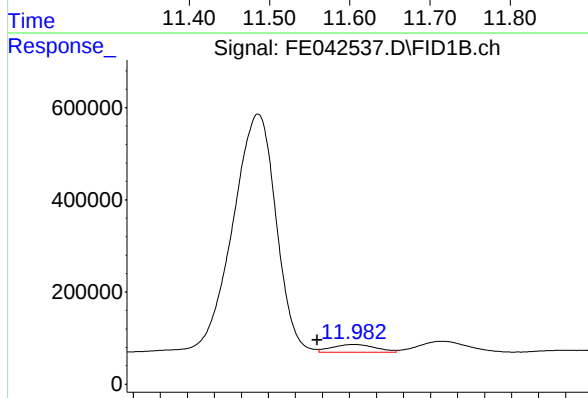
R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 1048208
Conc: 6.73 ug/ml



#8 n-Octadecane (C18)

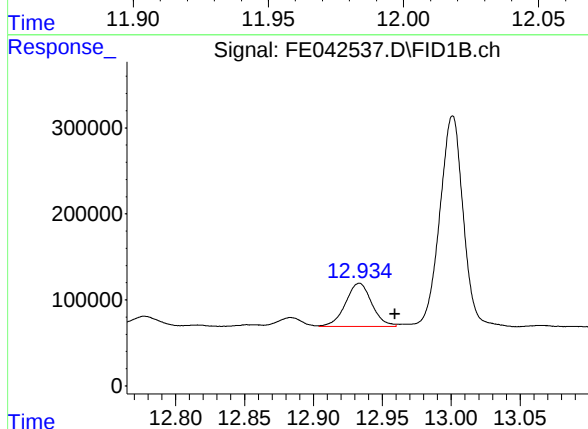
R.T.: 11.623 min
Delta R.T.: -0.026 min
Response: 768063
Conc: 4.86 ug/ml

Instrument :
FID_E
ClientSampleId :



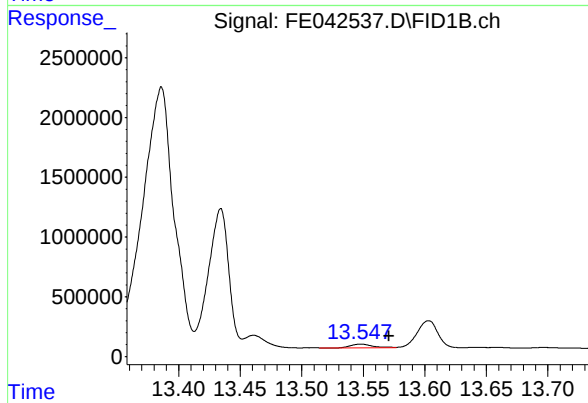
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.014 min
Response: 185211
Conc: 1.05 ug/ml



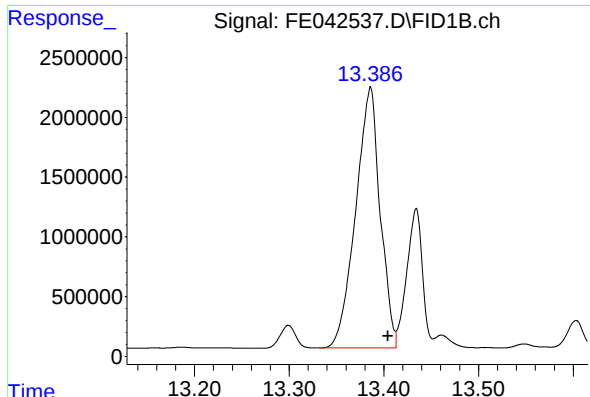
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.026 min
Response: 664699
Conc: 4.39 ug/ml



#11 n-Heneicosane (C21)

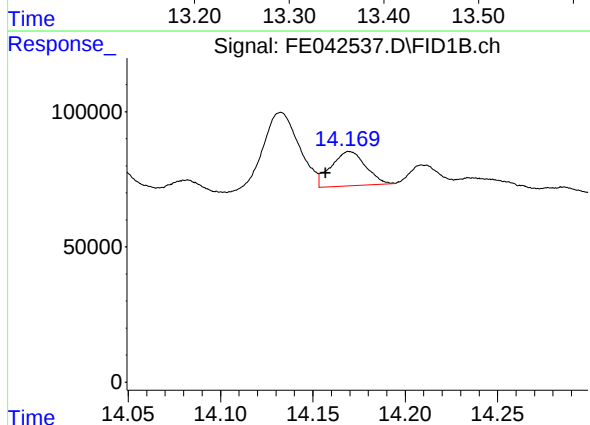
R.T.: 13.548 min
Delta R.T.: -0.023 min
Response: 377551
Conc: 2.55 ug/ml



#12 1-chlorooctadecane (SURR)

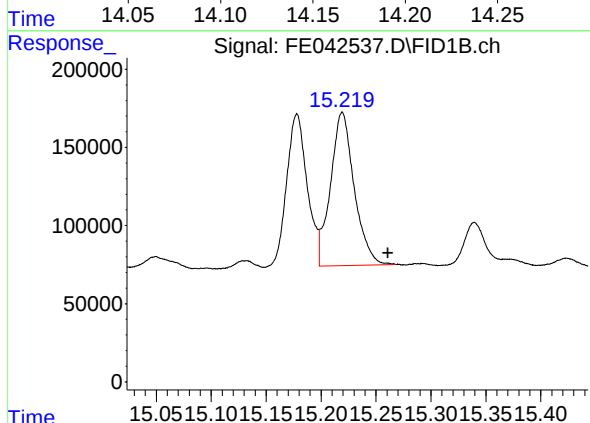
R.T.: 13.386 min
Delta R.T.: -0.018 min
Response: 39132920
Conc: 294.50 ug/ml

Instrument :
FID_E
ClientSampleId :



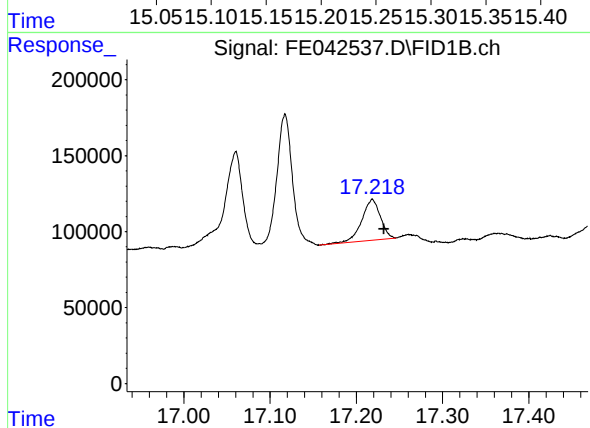
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.013 min
Response: 165820
Conc: 1.13 ug/ml



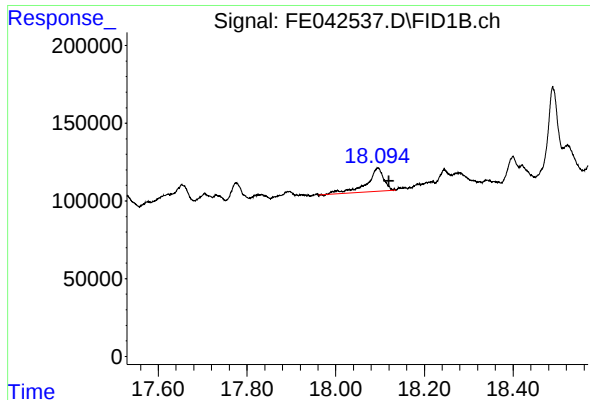
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.041 min
Response: 1476648
Conc: 10.23 ug/ml



#16 n-Octacosane (C28)

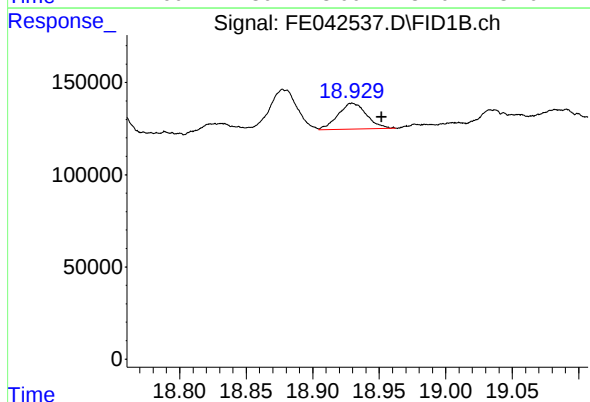
R.T.: 17.219 min
Delta R.T.: -0.014 min
Response: 403838
Conc: 3.02 ug/ml



#17 n-Tricontane (C30)

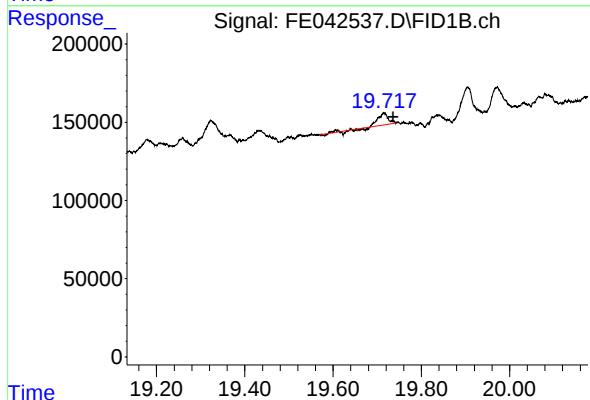
R.T.: 18.095 min
Delta R.T.: -0.024 min
Response: 397274
Conc: 2.94 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.022 min
Response: 211089
Conc: 1.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.021 min
Response: 115112
Conc: 0.88 ug/ml