

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044795.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 22:44
 Operator : YP\AJ
 Sample : 04839-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 00:41:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.916	7064245	37.628 ug/ml
Spiked Amount 50.000		Recovery =	75.26%
12) S 1-chlorooctadecane (S...	13.357	5551349	40.806 ug/ml
Spiked Amount 50.000		Recovery =	81.61%
Target Compounds			
6) T n-Tetradecane (C14)	8.507	587257	3.577 ug/ml
10) T n-Eicosane (C20)	12.965	393660	2.447 ug/ml
11) T n-Heneicosane (C21)	13.533	39490	0.252 ug/ml
14) T n-Tetracosane (C24)	15.185	225857	1.494 ug/ml
15) T n-Hexacosane (C26)	16.241	55633	0.378 ug/ml
16) T n-Octacosane (C28)	17.191	158445	1.105 ug/ml
17) T n-Tricontane (C30)	18.079	238510	1.609 ug/ml
18) T n-Dotriacontane (C32)	18.911	153112	1.034 ug/ml
19) T n-Tetratriacontane (C34)	19.731	231771	1.586 ug/ml
20) T n-Hexatriacontane (C36)	20.444	124478	0.858 ug/ml
21) T n-Octatriacontane (C38)	21.184	366062	2.444 ug/ml
22) T n-Tetracontane (C40)	22.103	350614	2.222 ug/ml

(f)=RT Delta > 1/2 Window

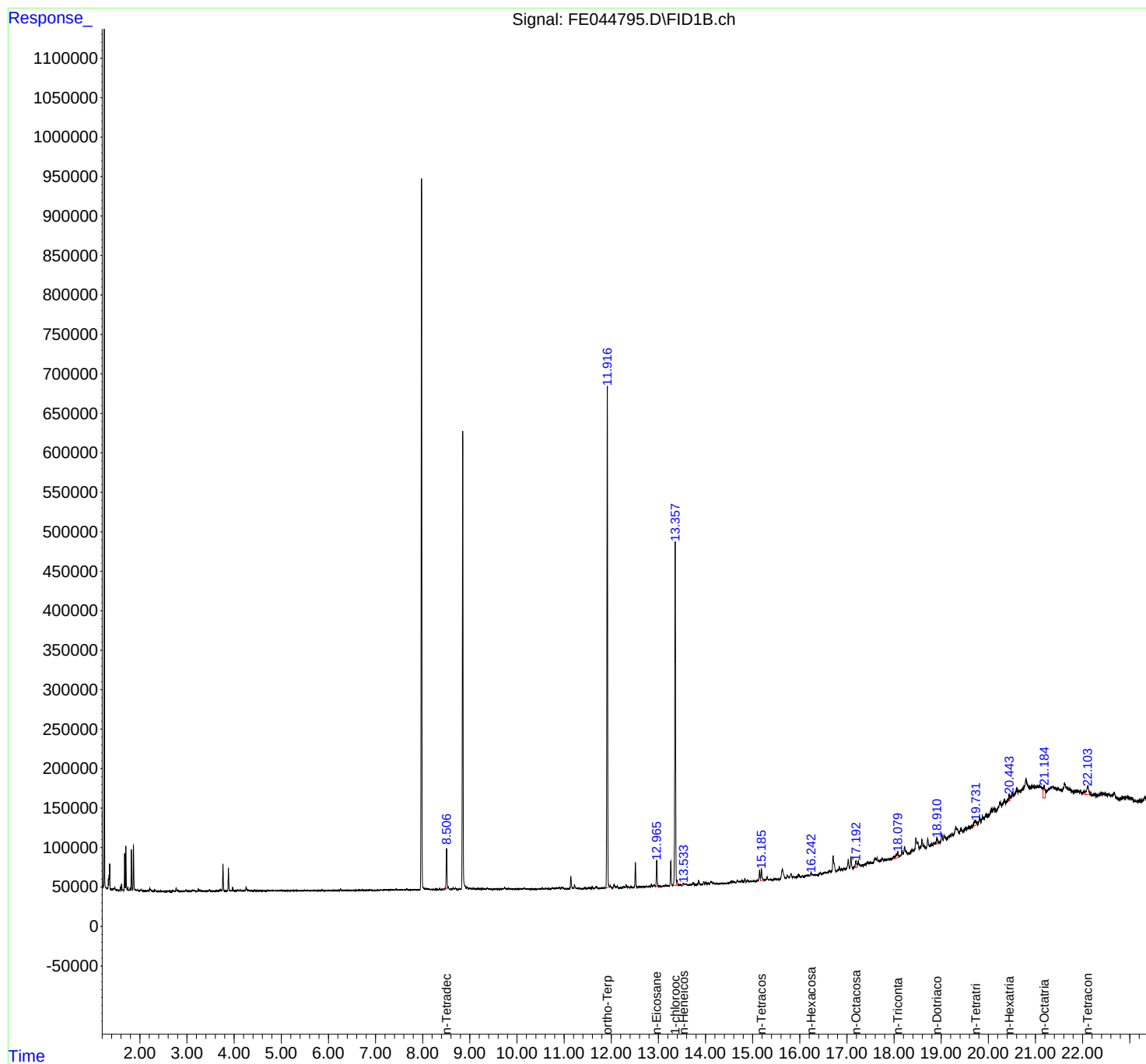
(m)=manual int.

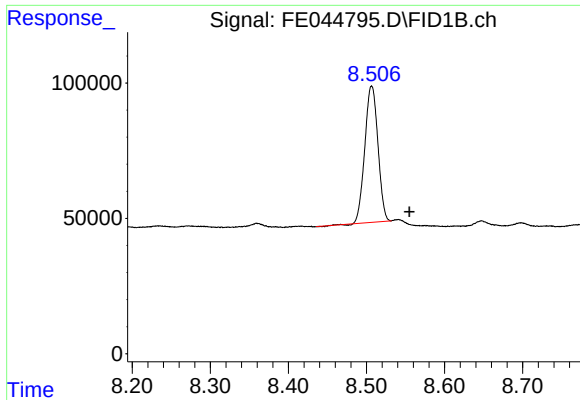
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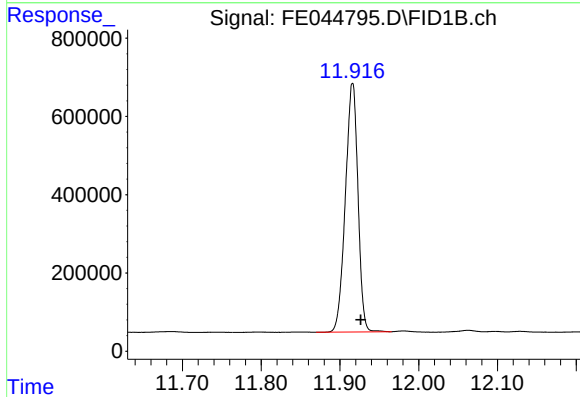




#6 n-Tetradecane (C14)

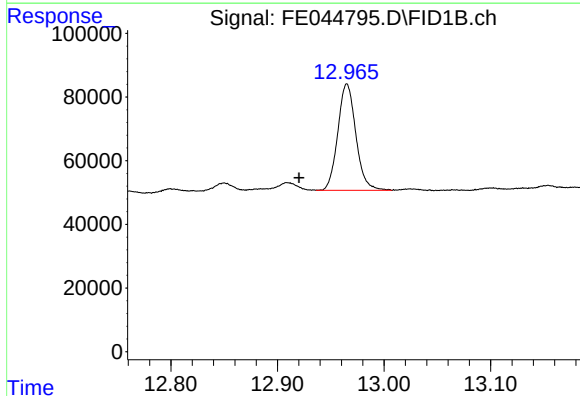
R.T.: 8.507 min
Delta R.T.: -0.049 min
Response: 587257
Conc: 3.58 ug/ml

Instrument :
FID_E
ClientSampleId :



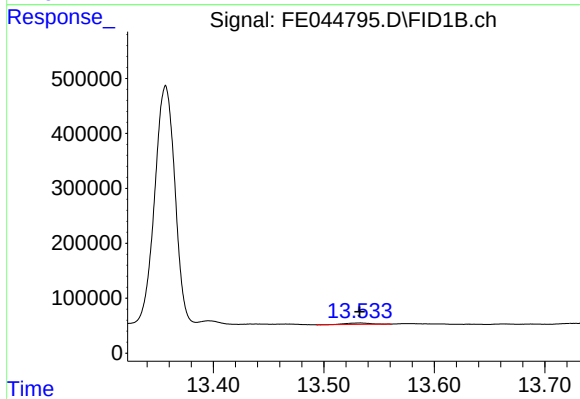
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.010 min
Response: 7064245
Conc: 37.63 ug/ml



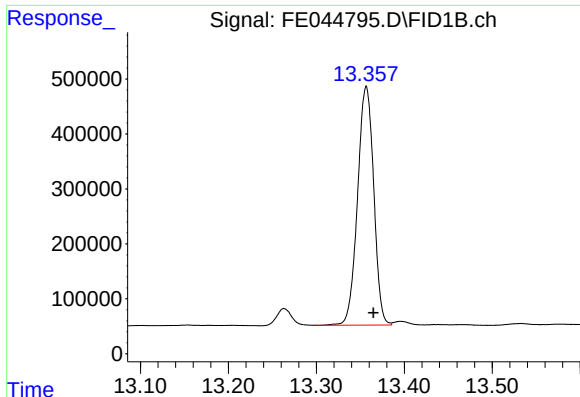
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.045 min
Response: 393660
Conc: 2.45 ug/ml



#11 n-Heneicosane (C21)

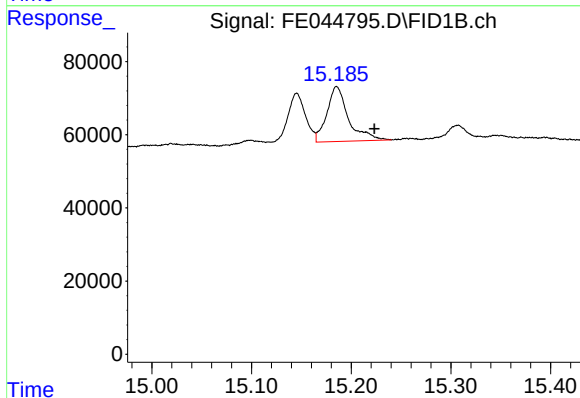
R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 39490
Conc: 0.25 ug/ml



#12 1-chlorooctadecane (SURR)

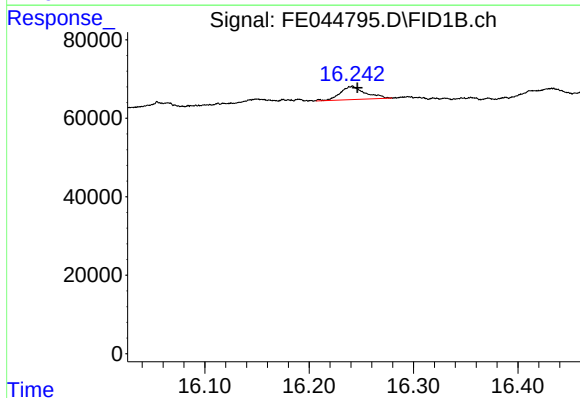
R.T.: 13.357 min
Delta R.T.: -0.008 min
Response: 5551349
Conc: 40.81 ug/ml

Instrument :
FID_E
ClientSampleId :



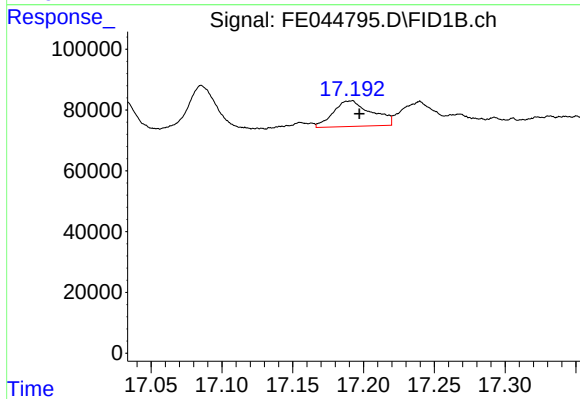
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.038 min
Response: 225857
Conc: 1.49 ug/ml



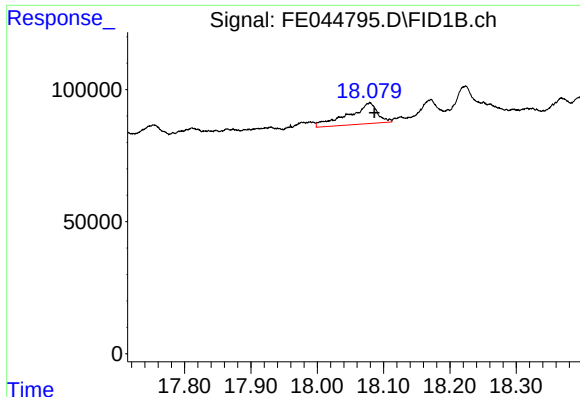
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 55633
Conc: 0.38 ug/ml



#16 n-Octacosane (C28)

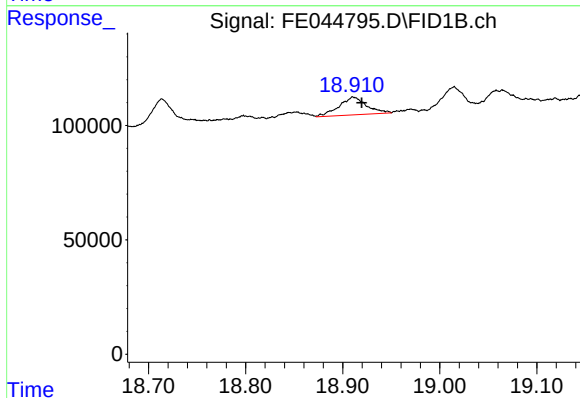
R.T.: 17.191 min
Delta R.T.: -0.006 min
Response: 158445
Conc: 1.10 ug/ml



#17 n-Tricontane (C30)

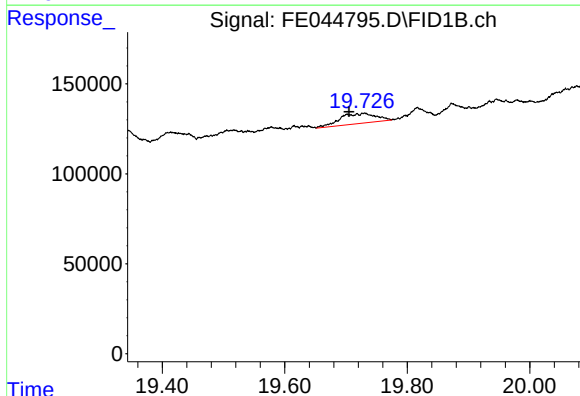
R.T.: 18.079 min
Delta R.T.: -0.007 min
Response: 238510
Conc: 1.61 ug/ml

Instrument :
FID_E
ClientSampleId :



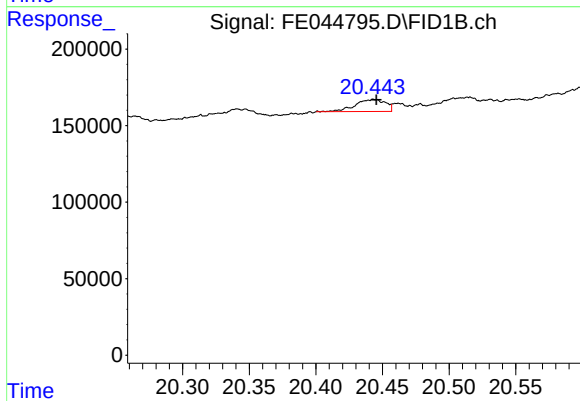
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.009 min
Response: 153112
Conc: 1.03 ug/ml



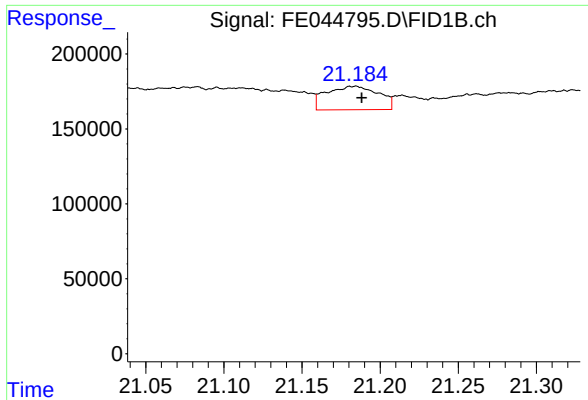
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.026 min
Response: 231771
Conc: 1.59 ug/ml



#20 n-Hexatriacontane (C36)

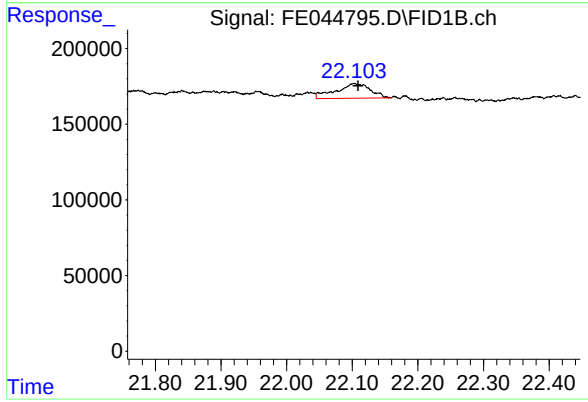
R.T.: 20.444 min
Delta R.T.: -0.002 min
Response: 124478
Conc: 0.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 366062
Conc: 2.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.006 min
Response: 350614
Conc: 2.22 ug/ml