

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111323AL\
 Data File : FE045328.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 00:46
 Operator : YP\AJ
 Sample : 05361-02DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:10:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.875	678784	3.555 ug/ml
Spiked Amount 50.000		Recovery =	7.11%
12) S 1-chlorooctadecane (S...	13.318	505313	3.669 ug/ml
Spiked Amount 50.000		Recovery =	7.34%
Target Compounds			
10) T n-Eicosane (C20)	12.929	61040	0.385 ug/ml
11) T n-Heneicosane (C21)	13.488	45298	0.295 ug/ml
13) T n-Docosane (C22)	14.074	79581	0.525 ug/ml
14) T n-Tetracosane (C24)	15.178	55687	0.376 ug/ml
15) T n-Hexacosane (C26)	16.203	218177	1.497 ug/ml
16) T n-Octacosane (C28)	17.154	199904	1.368 ug/ml
17) T n-Tricontane (C30)	18.042	182620	1.202 ug/ml
18) T n-Dotriacontane (C32)	18.880	214453	1.373 ug/ml
19) T n-Tetratriacontane (C34)	19.670	217459	1.393 ug/ml
20) T n-Hexatriacontane (C36)	20.407	102962	0.634 ug/ml
21) T n-Octatriacontane (C38)	21.139	261753	1.575 ug/ml
22) T n-Tetracontane (C40)	22.056	176978	1.036 ug/ml

(f)=RT Delta > 1/2 Window

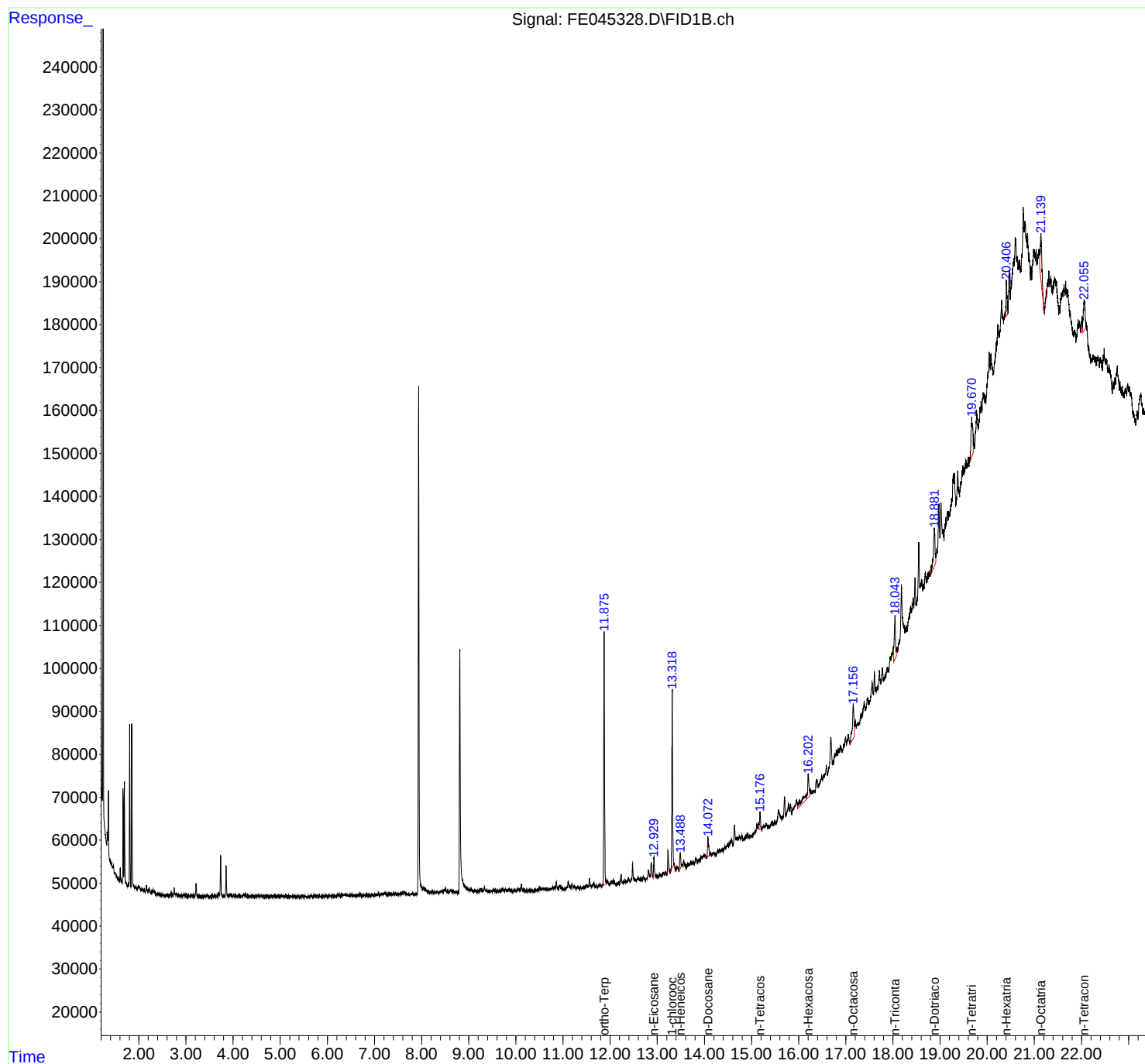
(m)=manual int.

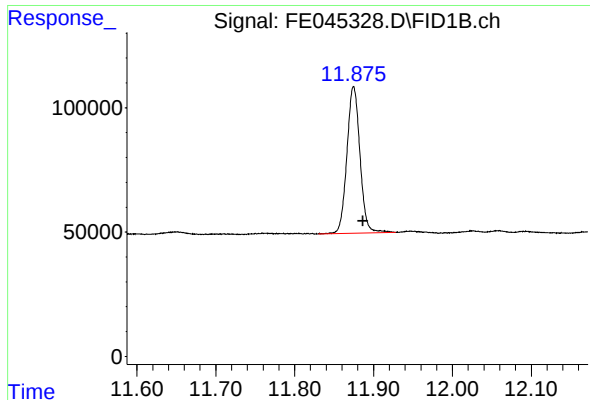
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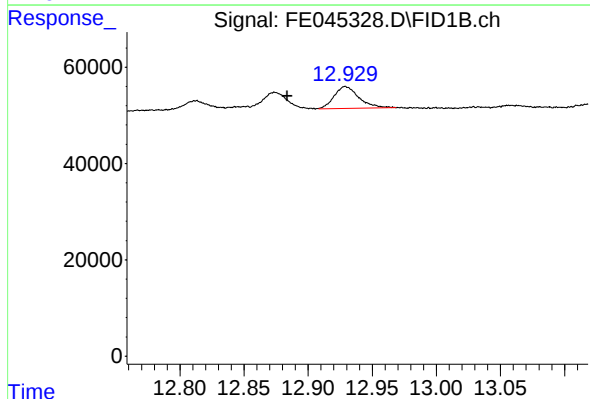




#9 ortho-Terphenyl (SURR)

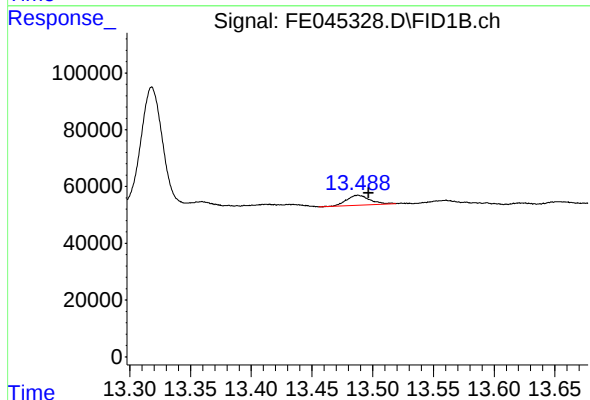
R.T.: 11.875 min
Delta R.T.: -0.012 min
Response: 678784
Conc: 3.56 ug/ml

Instrument :
FID_E
ClientSampleId :



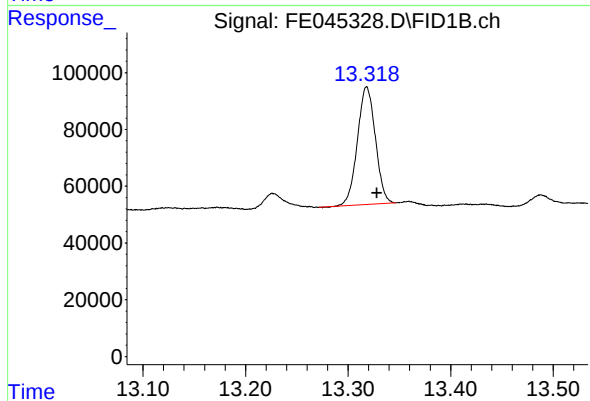
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.045 min
Response: 61040
Conc: 0.39 ug/ml



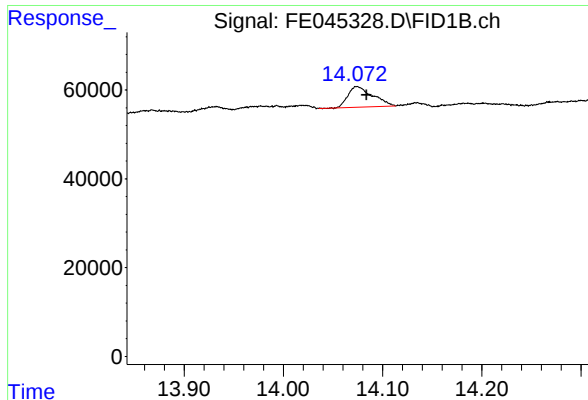
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.009 min
Response: 45298
Conc: 0.29 ug/ml



#12 1-chlorooctadecane (SURR)

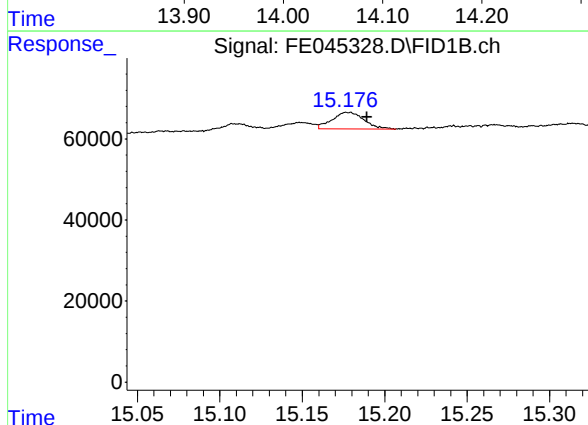
R.T.: 13.318 min
Delta R.T.: -0.010 min
Response: 505313
Conc: 3.67 ug/ml



#13 n-Docosane (C22)

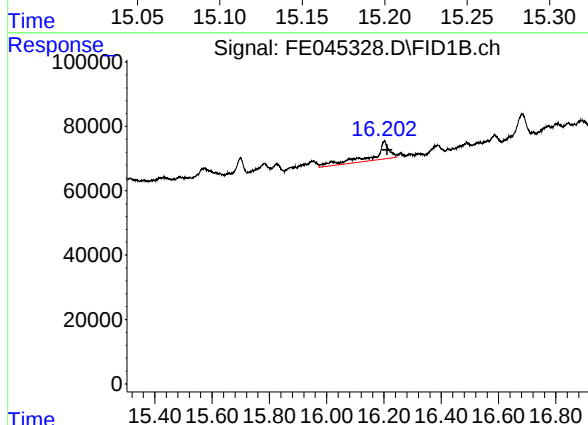
R.T.: 14.074 min
Delta R.T.: -0.010 min
Response: 79581
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



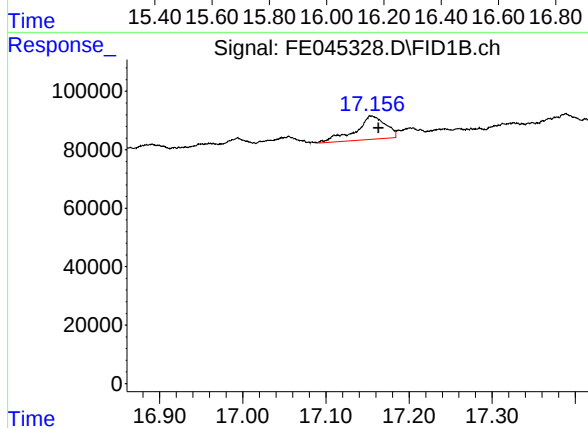
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.012 min
Response: 55687
Conc: 0.38 ug/ml



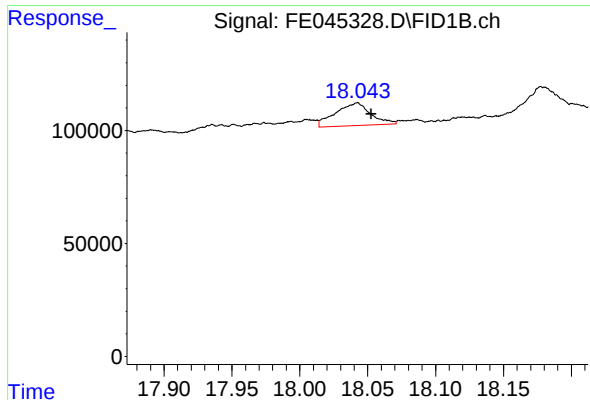
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.009 min
Response: 218177
Conc: 1.50 ug/ml



#16 n-Octacosane (C28)

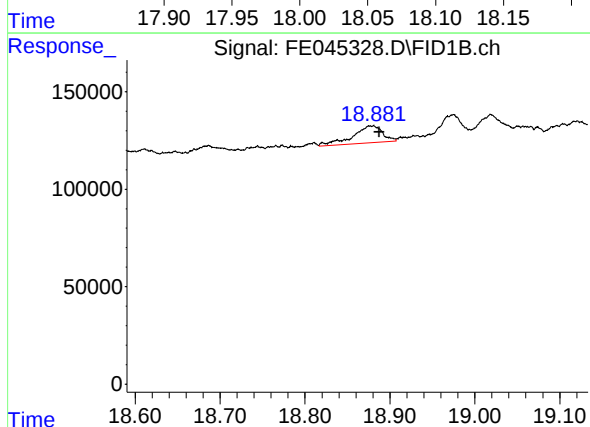
R.T.: 17.154 min
Delta R.T.: -0.009 min
Response: 199904
Conc: 1.37 ug/ml



#17 n-Tricontane (C30)

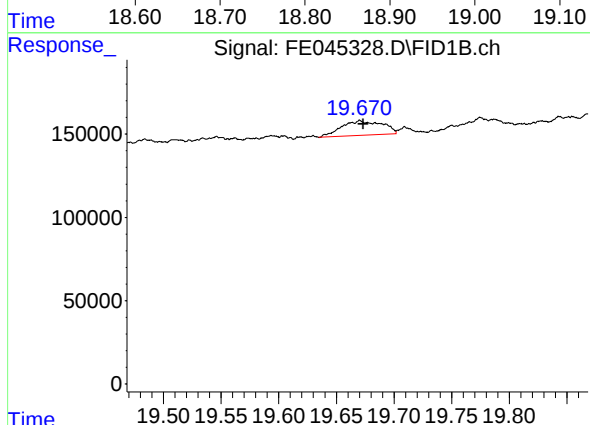
R.T.: 18.042 min
Delta R.T.: -0.010 min
Response: 182620
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :



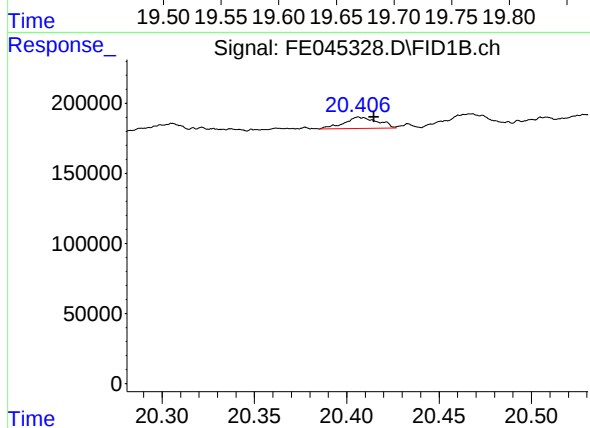
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.008 min
Response: 214453
Conc: 1.37 ug/ml



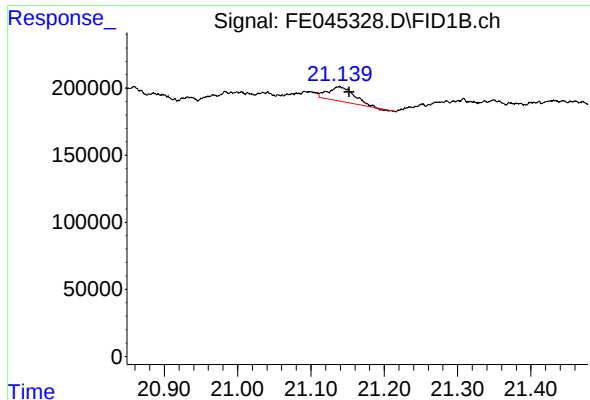
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.003 min
Response: 217459
Conc: 1.39 ug/ml



#20 n-Hexatriacontane (C36)

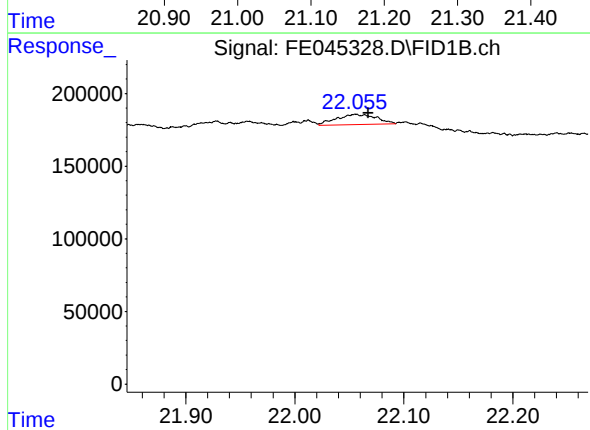
R.T.: 20.407 min
Delta R.T.: -0.008 min
Response: 102962
Conc: 0.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.014 min
Response: 261753
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.012 min
Response: 176978
Conc: 1.04 ug/ml