

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053251.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 23:09
 Operator : YP\AJ
 Sample : Q1745-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:10:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.893	5460678	33.525 ug/ml
Spiked Amount 50.000		Recovery =	67.05%
12) S 1-chlorooctadecane (S...	13.338	4398957	36.644 ug/ml
Spiked Amount 50.000		Recovery =	73.29%
Target Compounds			
10) T n-Eicosane (C20)	12.892	165313	1.159 ug/ml
13) T n-Docosane (C22)	14.092	93607	0.683 ug/ml
14) T n-Tetracosane (C24)	15.180	725960	5.375 ug/ml
15) T n-Hexacosane (C26)	16.224	84727	0.635 ug/ml
16) T n-Octacosane (C28)	17.180	459484	3.482 ug/ml
17) T n-Tricontane (C30)	18.064	380730	2.809 ug/ml
18) T n-Dotriacontane (C32)	18.898	628297	4.669 ug/ml
19) T n-Tetratriacontane (C34)	19.685	610114	4.715 ug/ml
20) T n-Hexatriacontane (C36)	20.425	463077	3.898 ug/ml
21) T n-Octatriacontane (C38)	21.163	346439	3.014 ug/ml
22) T n-Tetracontane (C40)	22.077	204467	1.821 ug/ml

(f)=RT Delta > 1/2 Window

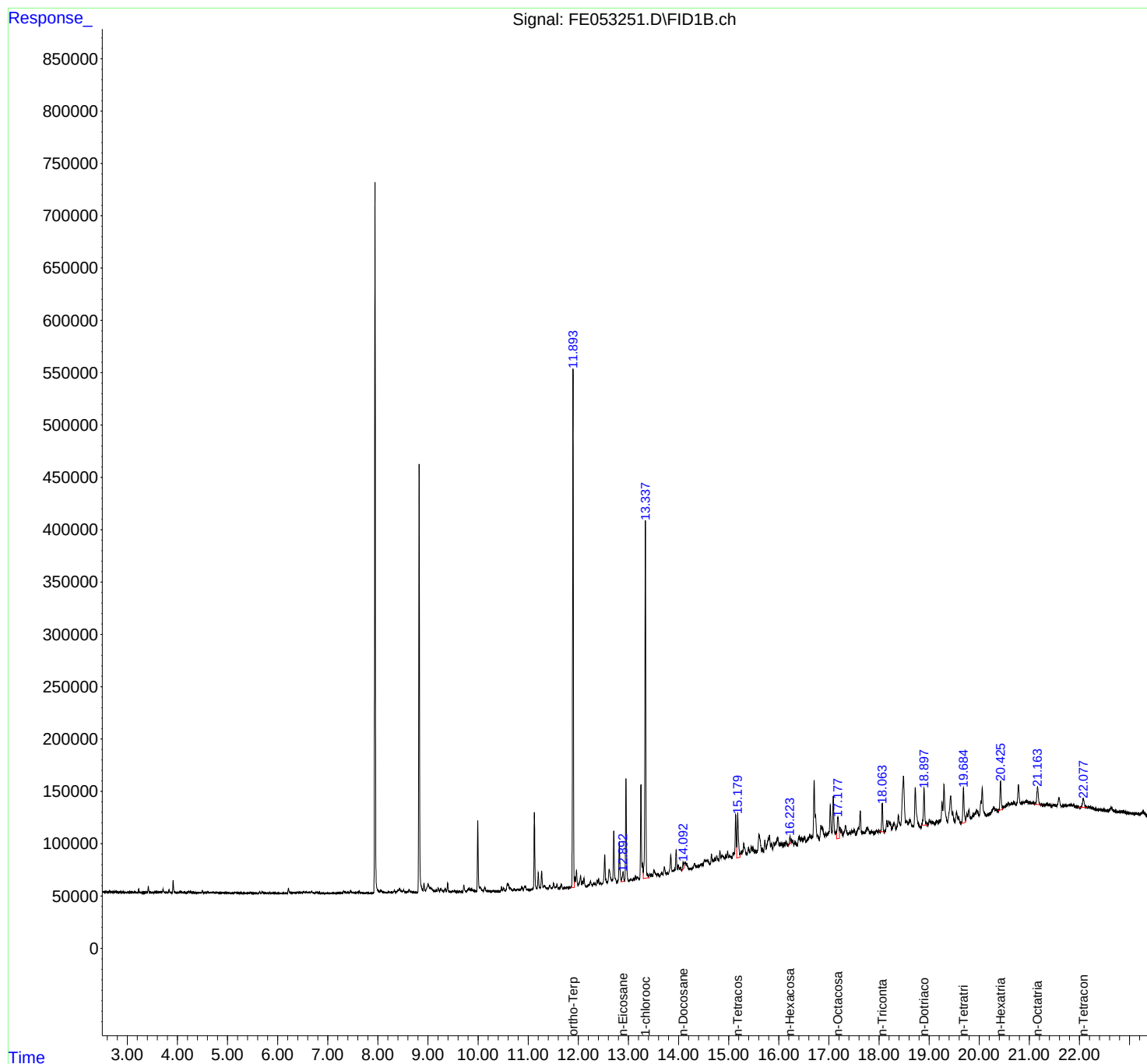
(m)=manual int.

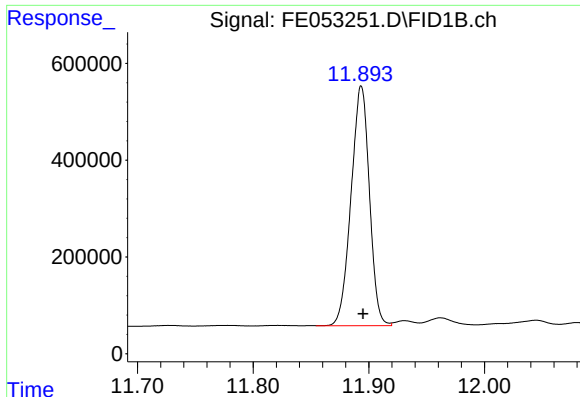
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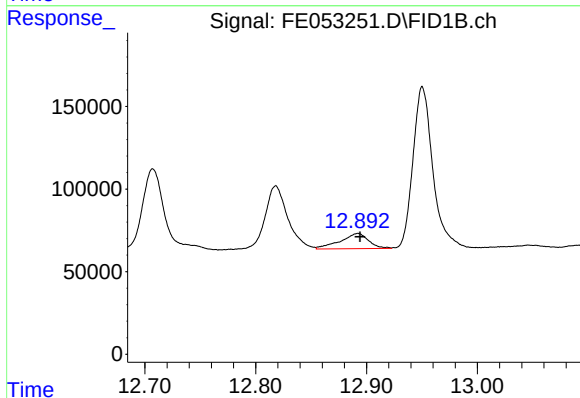




#9 ortho-Terphenyl (SURR)

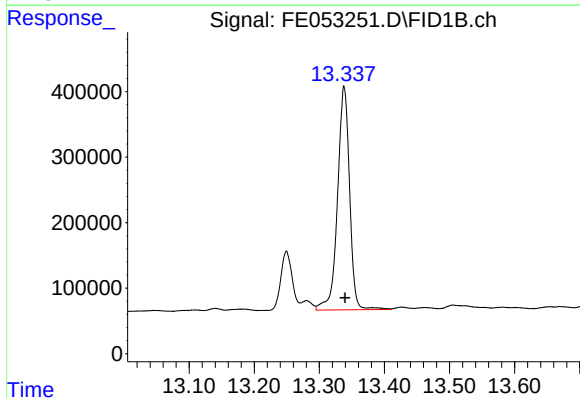
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 5460678
Conc: 33.53 ug/ml

Instrument :
FID_E
ClientSampleId :



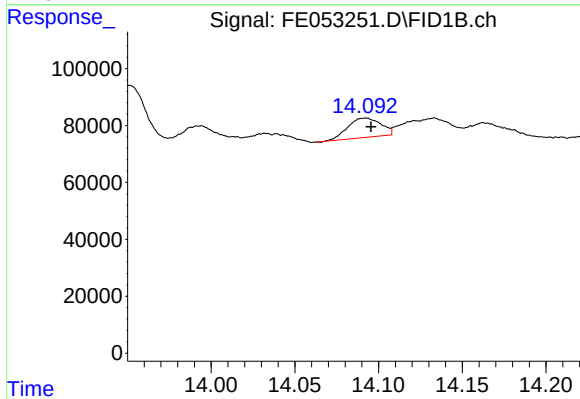
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 165313
Conc: 1.16 ug/ml



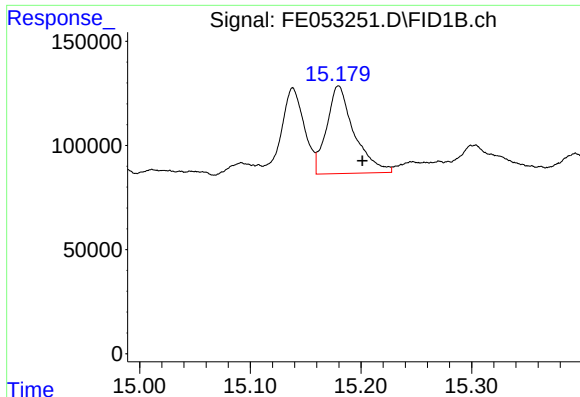
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.002 min
Response: 4398957
Conc: 36.64 ug/ml



#13 n-Docosane (C22)

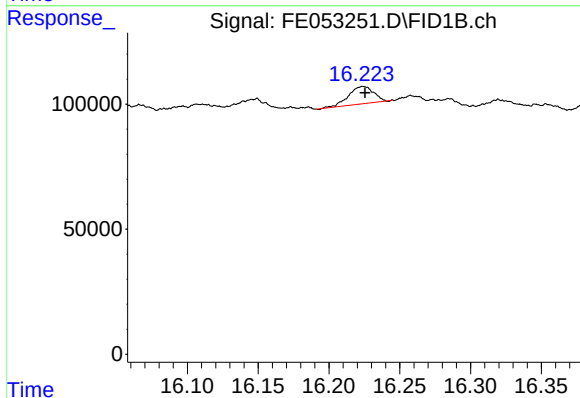
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 93607
Conc: 0.68 ug/ml



#14 n-Tetracosane (C24)

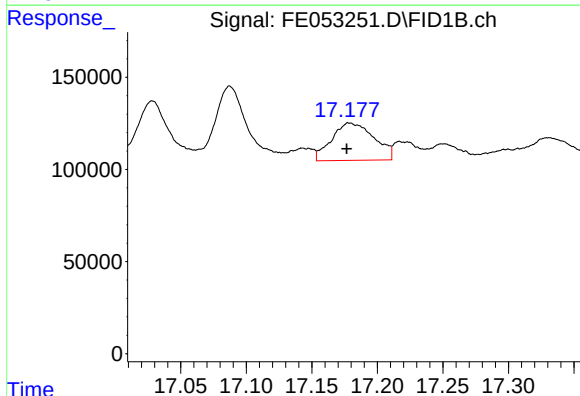
R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 725960
Conc: 5.38 ug/ml

Instrument :
FID_E
ClientSampleId :



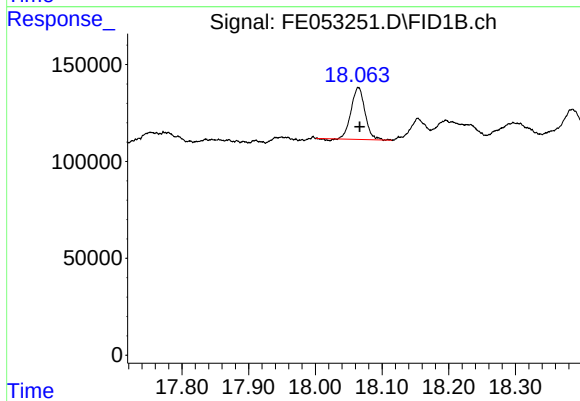
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 84727
Conc: 0.64 ug/ml



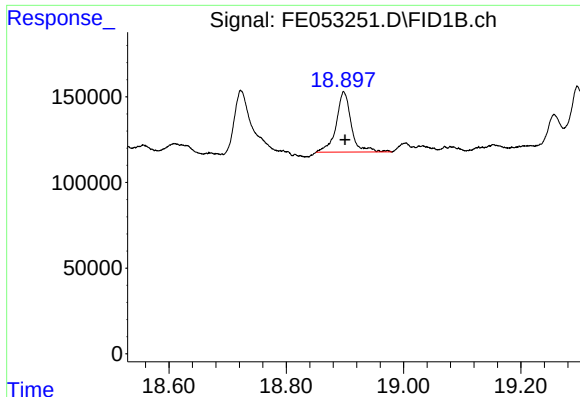
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: 0.003 min
Response: 459484
Conc: 3.48 ug/ml



#17 n-Tricontane (C30)

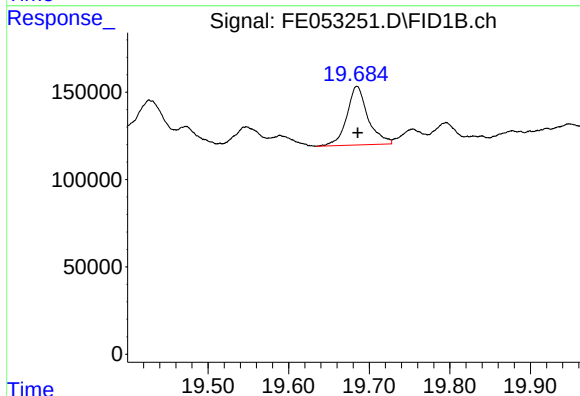
R.T.: 18.064 min
Delta R.T.: -0.002 min
Response: 380730
Conc: 2.81 ug/ml



#18 n-Dotriacontane (C32)

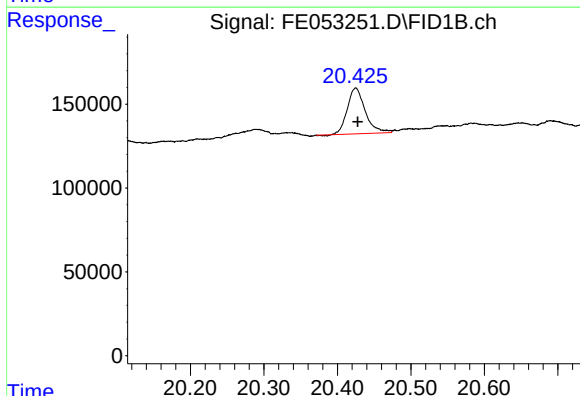
R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 628297
Conc: 4.67 ug/ml

Instrument :
FID_E
ClientSampleId :



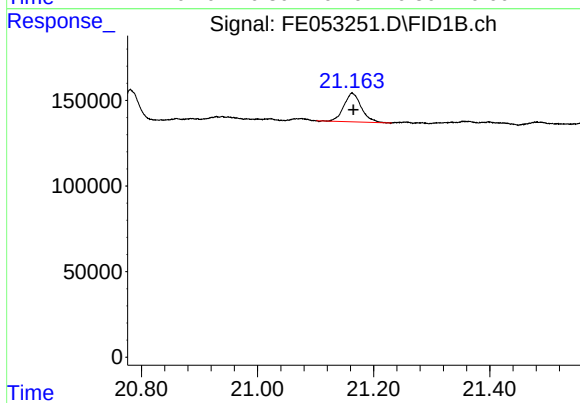
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.001 min
Response: 610114
Conc: 4.72 ug/ml



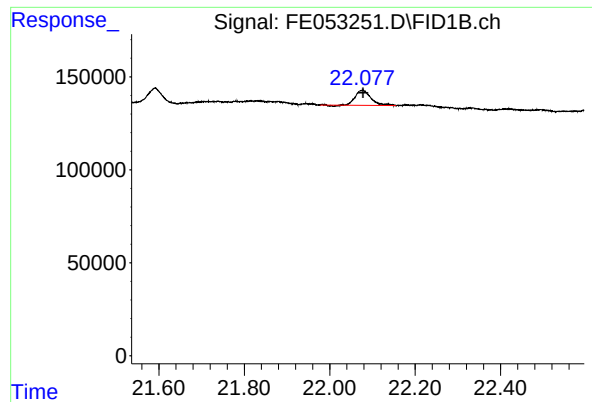
#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 463077
Conc: 3.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 346439
Conc: 3.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: -0.002 min
Response: 204467
Conc: 1.82 ug/ml

Instrument :

FID_E

ClientSampleId :