

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053278.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 14:58
 Operator : YP\AJ
 Sample : Q1748-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 IB-1.5-WC

Integration File: autoint1.e
 Quant Time: Apr 10 02:59:41 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)	11.889	4941096	30.335 ug/ml
Spiked Amount 50.000		Recovery =	60.67%
12) S 1-chlorooctadecane (S...	13.334	4040334	33.657 ug/ml
Spiked Amount 50.000		Recovery =	67.31%
Target Compounds			
10) T n-Eicosane (C20)	12.884	194323	1.363 ug/ml
11) T n-Heneicosane (C21)	13.501	236426	1.704 ug/ml
13) T n-Docosane (C22)	14.088	215096	1.571 ug/ml
14) T n-Tetracosane (C24)	15.176	219558	1.626 ug/ml
15) T n-Hexacosane (C26)	16.219	240609	1.804 ug/ml
16) T n-Octacosane (C28)	17.176	627759	4.757 ug/ml
17) T n-Tricontane (C30)	18.059	373507	2.756 ug/ml
18) T n-Dotriacontane (C32)	18.896	310134	2.305 ug/ml
19) T n-Tetratriacontane (C34)	19.703	532748	4.117 ug/ml
20) T n-Hexatriacontane (C36)	20.423	261241	2.199 ug/ml
21) T n-Octatriacontane (C38)	21.163	224785	1.956 ug/ml
22) T n-Tetracontane (C40)	22.076	342784	3.052 ug/ml

(f)=RT Delta > 1/2 Window

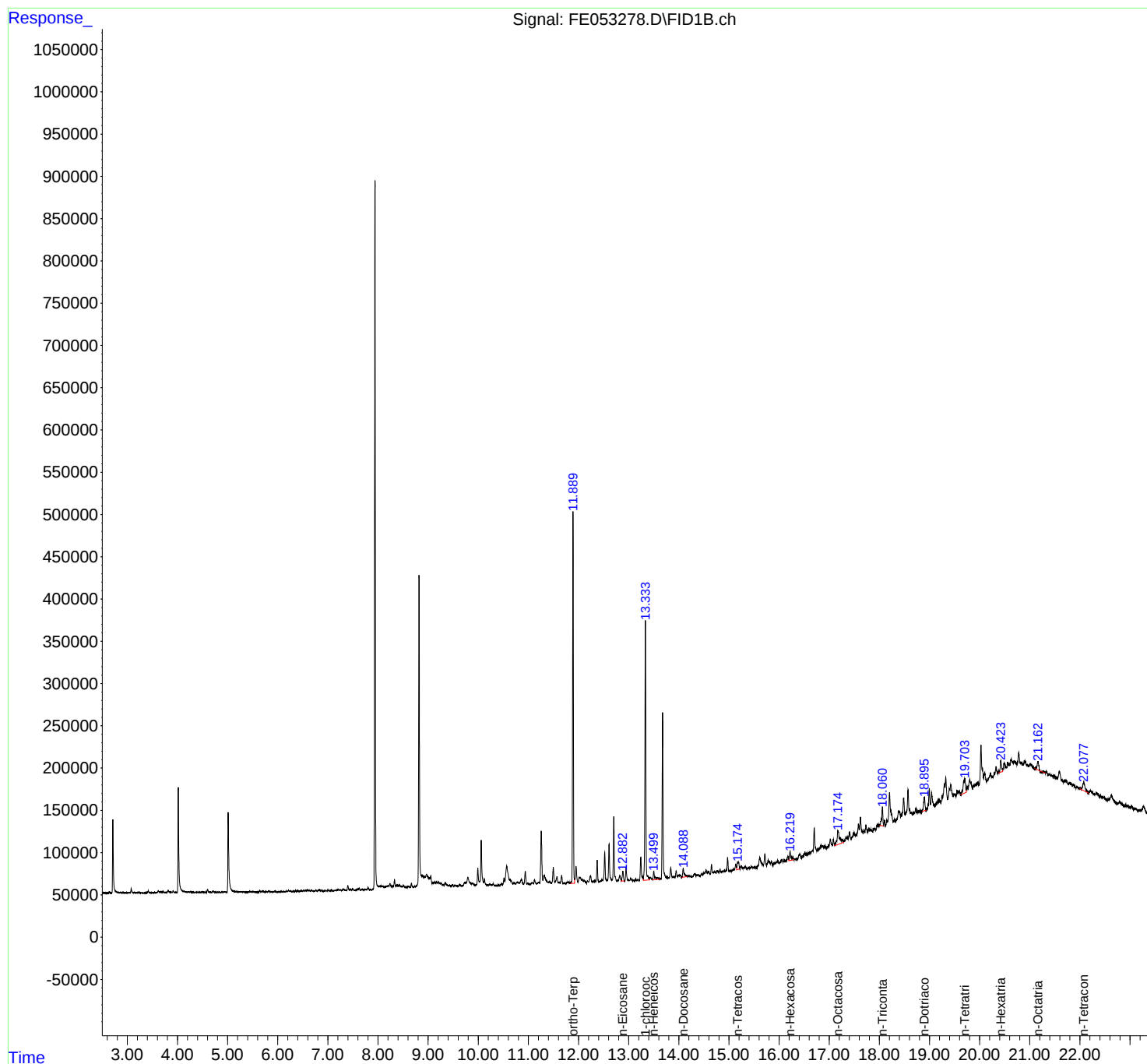
(m)=manual int.

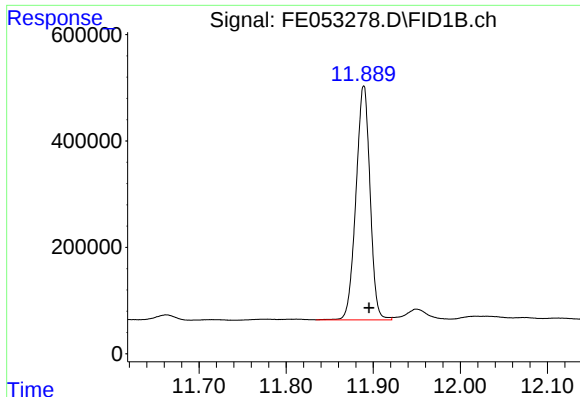
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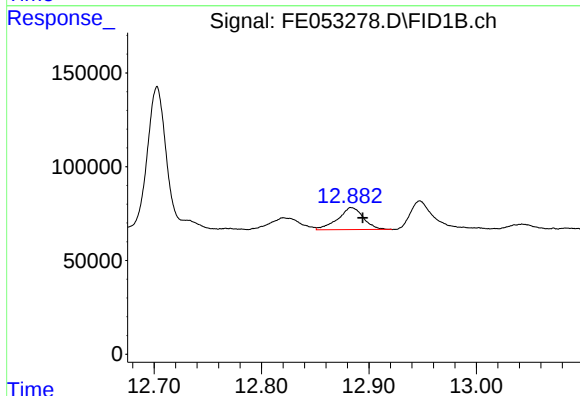




#9 ortho-Terphenyl (SURR)

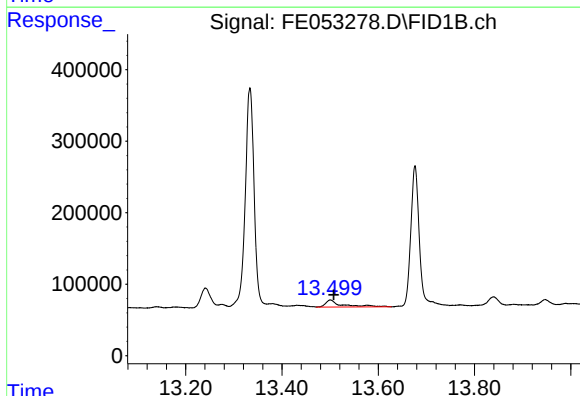
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 4941096
Conc: 30.34 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-WC



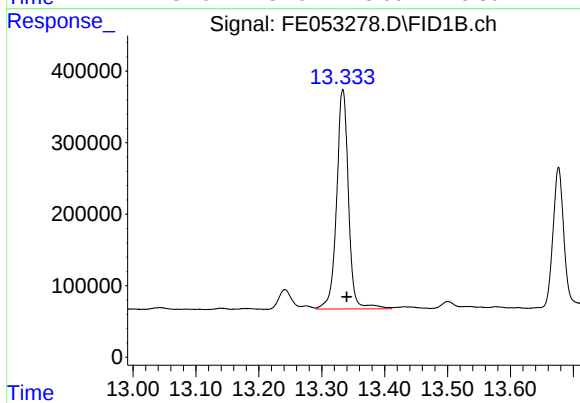
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.010 min
Response: 194323
Conc: 1.36 ug/ml



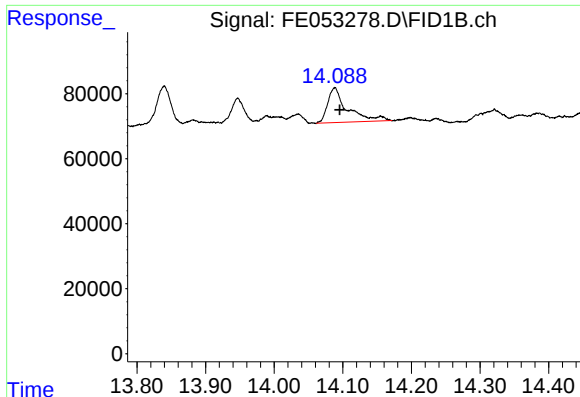
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 236426
Conc: 1.70 ug/ml



#12 1-chlorooctadecane (SURR)

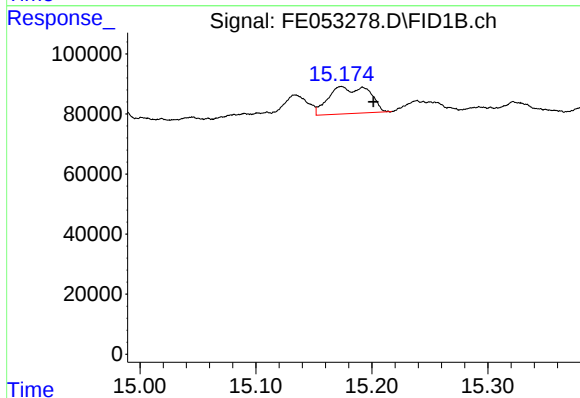
R.T.: 13.334 min
Delta R.T.: -0.006 min
Response: 4040334
Conc: 33.66 ug/ml



#13 n-Docosane (C22)

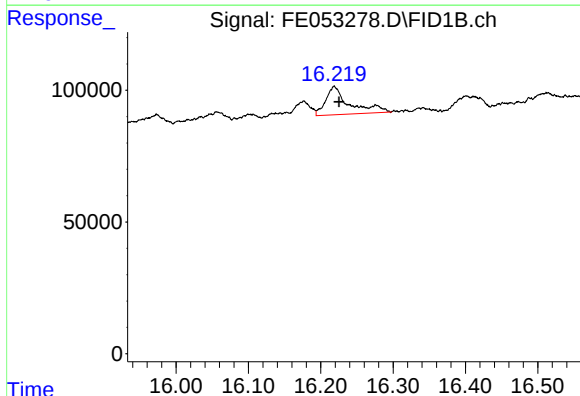
R.T.: 14.088 min
Delta R.T.: -0.007 min
Response: 215096
Conc: 1.57 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-WC



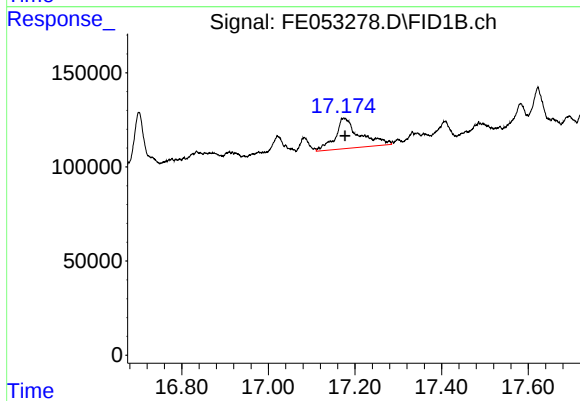
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.026 min
Response: 219558
Conc: 1.63 ug/ml



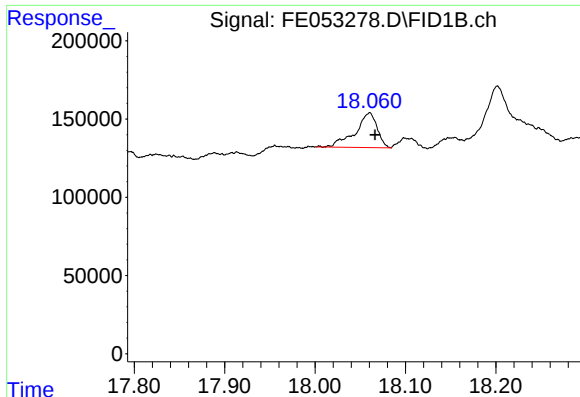
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.007 min
Response: 240609
Conc: 1.80 ug/ml



#16 n-Octacosane (C28)

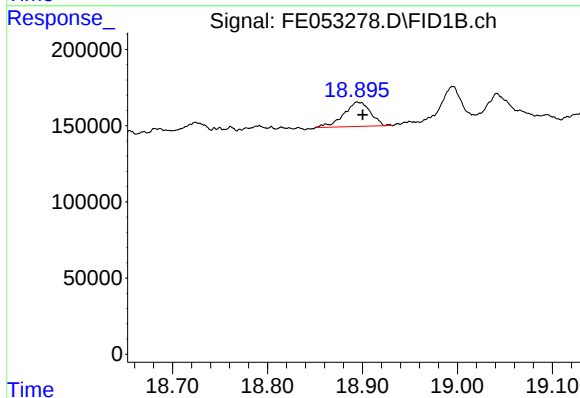
R.T.: 17.176 min
Delta R.T.: 0.000 min
Response: 627759
Conc: 4.76 ug/ml



#17 n-Tricontane (C30)

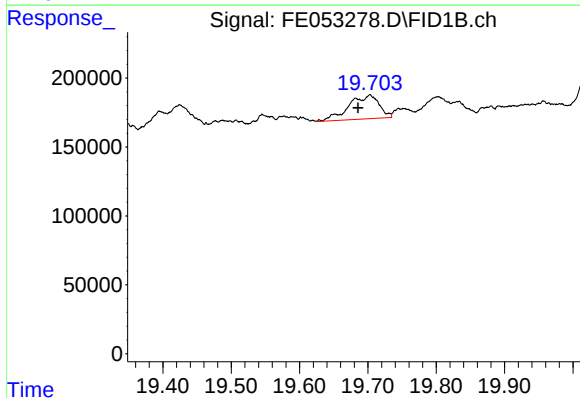
R.T.: 18.059 min
Delta R.T.: -0.007 min
Response: 373507
Conc: 2.76 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-WC



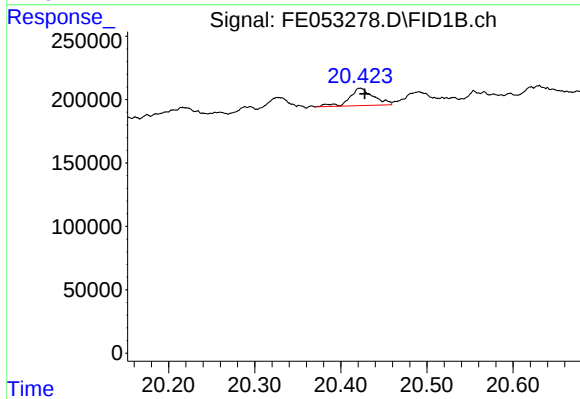
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.004 min
Response: 310134
Conc: 2.30 ug/ml



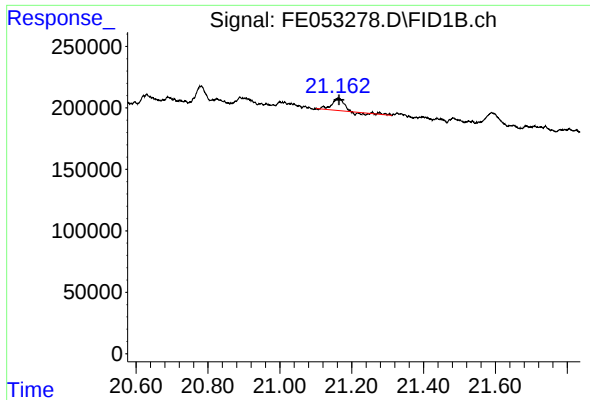
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.017 min
Response: 532748
Conc: 4.12 ug/ml



#20 n-Hexatriacontane (C36)

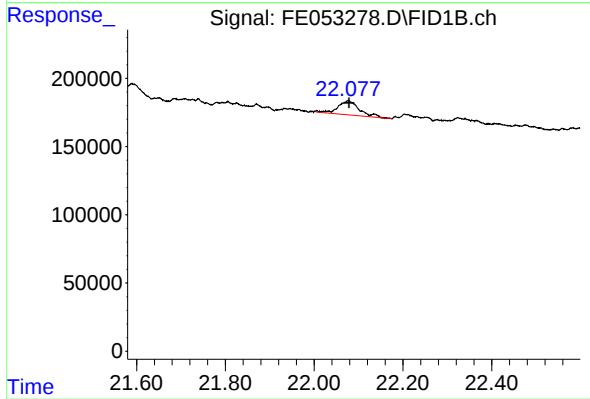
R.T.: 20.423 min
Delta R.T.: -0.004 min
Response: 261241
Conc: 2.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.003 min
Response: 224785
Conc: 1.96 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-WC



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.002 min
Response: 342784
Conc: 3.05 ug/ml