

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053279.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 15:28
 Operator : YP\AJ
 Sample : Q1748-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 IB-1.5-EPH

Integration File: autoint1.e
 Quant Time: Apr 10 03:00:01 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)	11.887	4589333	28.176 ug/ml
Spiked Amount 50.000		Recovery =	56.35%
12) S 1-chlorooctadecane (S...	13.332	3693600	30.769 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
Target Compounds			
10) T n-Eicosane (C20)	12.886	167704	1.176 ug/ml
11) T n-Heneicosane (C21)	13.500	188349	1.357 ug/ml
13) T n-Docosane (C22)	14.087	75750	0.553 ug/ml
14) T n-Tetracosane (C24)	15.171	759871	5.626 ug/ml
15) T n-Hexacosane (C26)	16.217	277554	2.081 ug/ml
16) T n-Octacosane (C28)	17.178	547665	4.150 ug/ml
17) T n-Tricontane (C30)	18.058	381330	2.813 ug/ml
18) T n-Dotriacontane (C32)	18.892	324620	2.412 ug/ml
19) T n-Tetratriacontane (C34)	19.678	533825	4.126 ug/ml
20) T n-Hexatriacontane (C36)	20.421	236033	1.987 ug/ml
21) T n-Octatriacontane (C38)	21.160	338947	2.949 ug/ml
22) T n-Tetracontane (C40)	22.071	304905	2.715 ug/ml

(f)=RT Delta > 1/2 Window

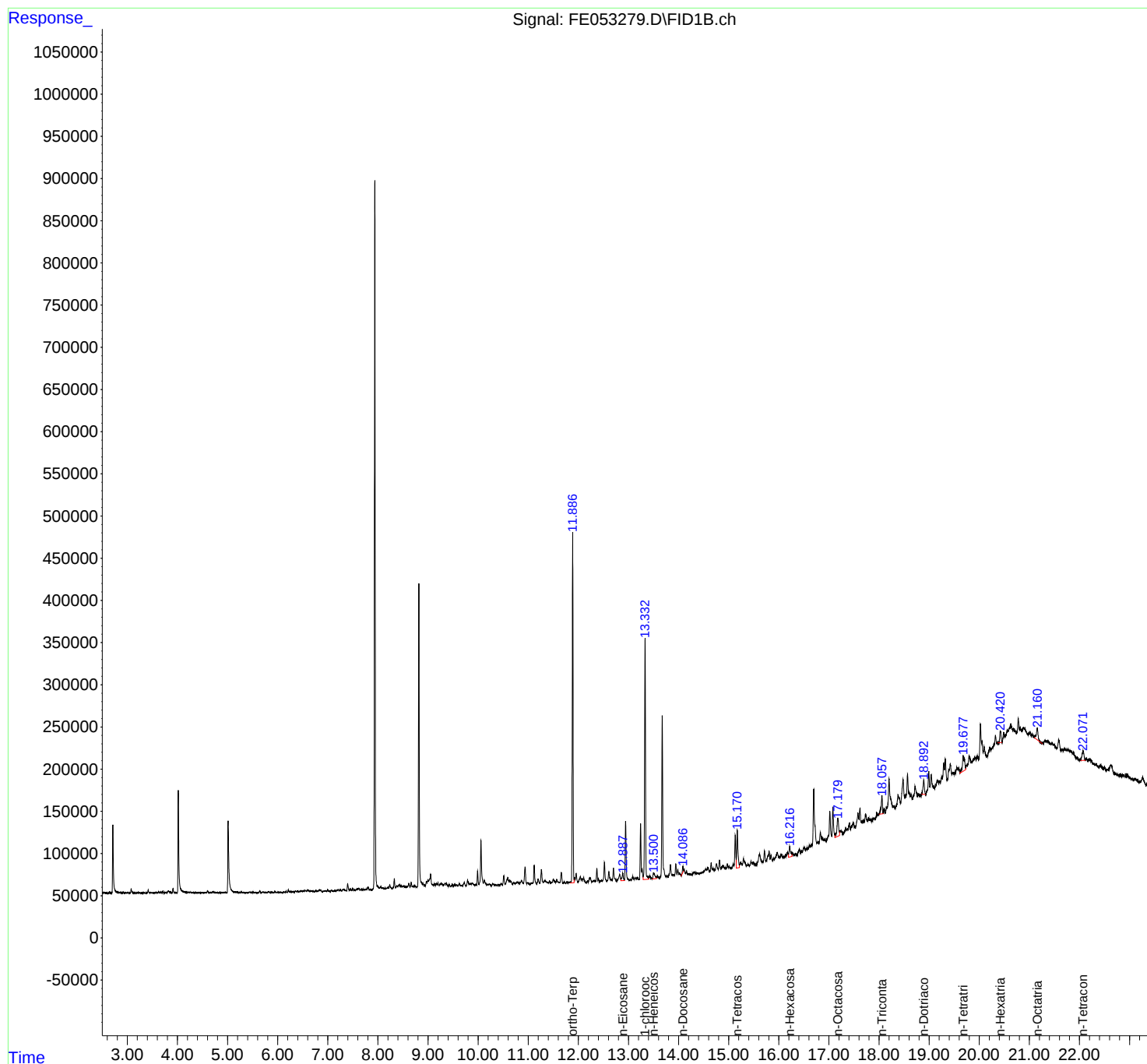
(m)=manual int.

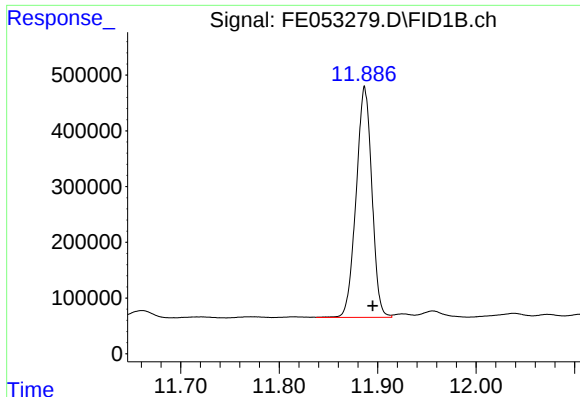
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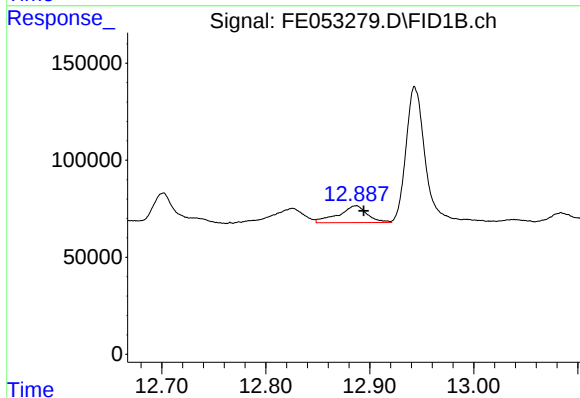




#9 ortho-Terphenyl (SURR)

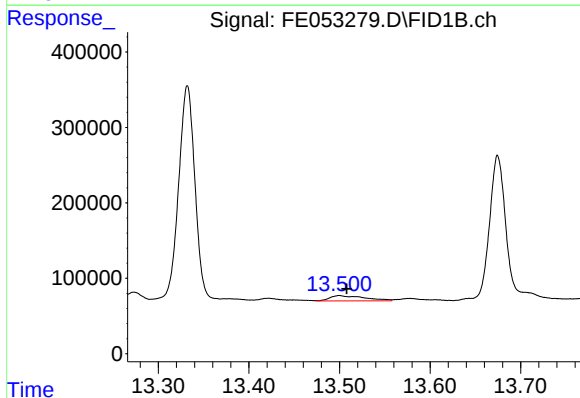
R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 4589333
Conc: 28.18 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-EPH



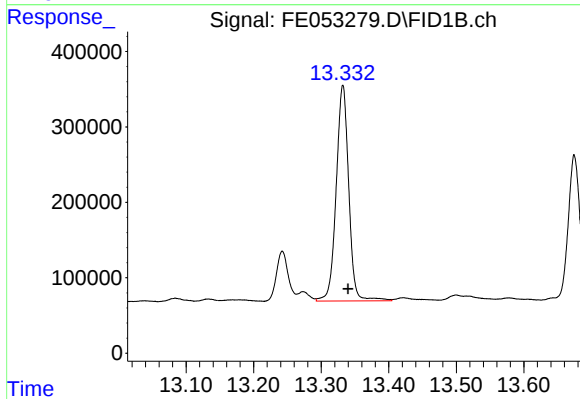
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.008 min
Response: 167704
Conc: 1.18 ug/ml



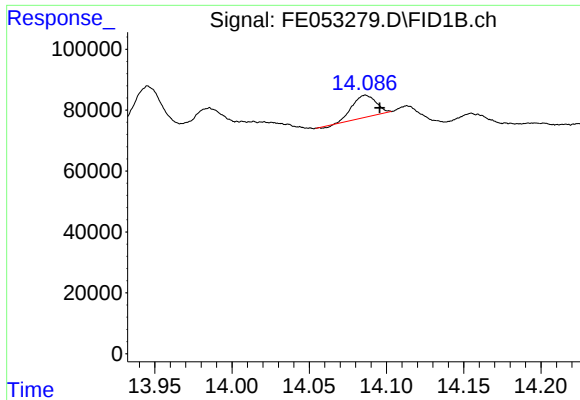
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.008 min
Response: 188349
Conc: 1.36 ug/ml



#12 1-chlorooctadecane (SURR)

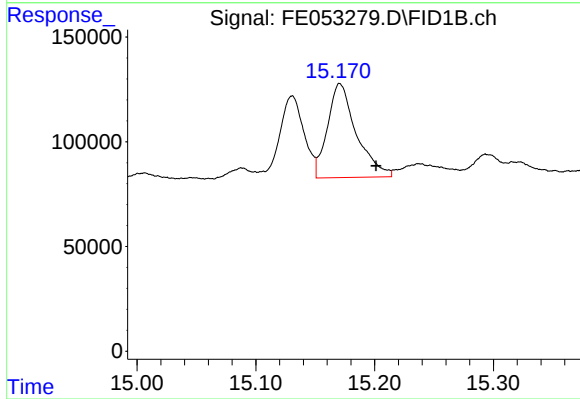
R.T.: 13.332 min
Delta R.T.: -0.008 min
Response: 3693600
Conc: 30.77 ug/ml



#13 n-Docosane (C22)

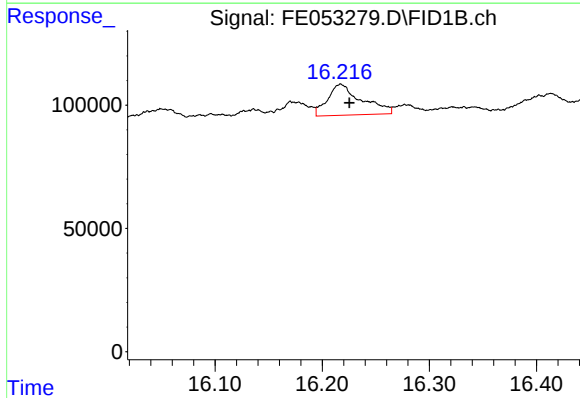
R.T.: 14.087 min
Delta R.T.: -0.009 min
Response: 75750
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-EPH



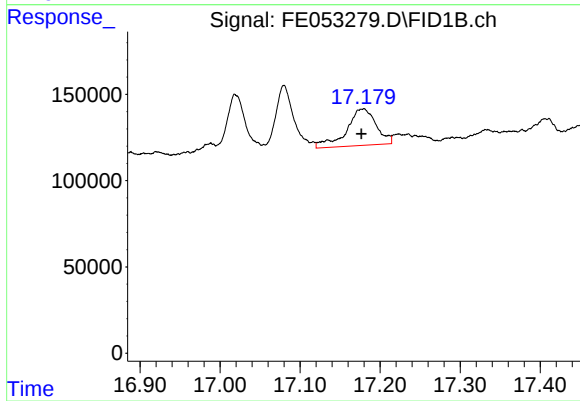
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.030 min
Response: 759871
Conc: 5.63 ug/ml



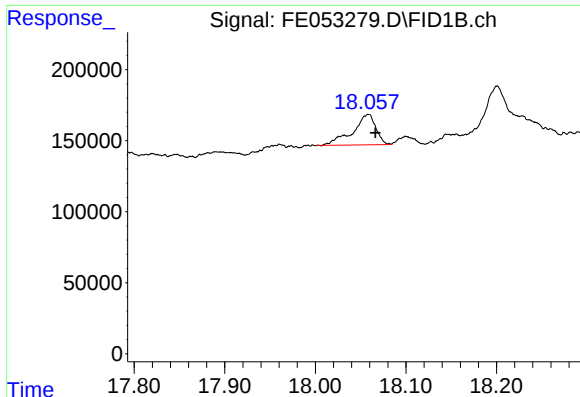
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.008 min
Response: 277554
Conc: 2.08 ug/ml



#16 n-Octacosane (C28)

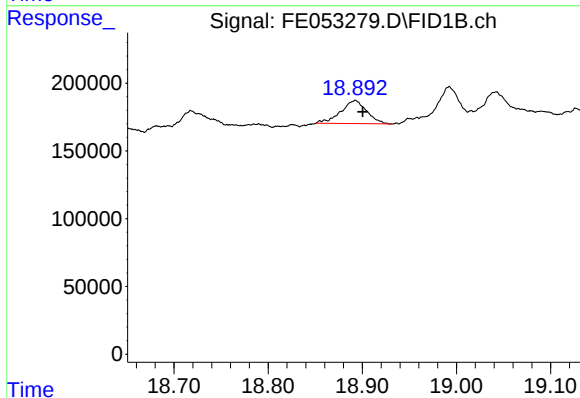
R.T.: 17.178 min
Delta R.T.: 0.001 min
Response: 547665
Conc: 4.15 ug/ml



#17 n-Tricontane (C30)

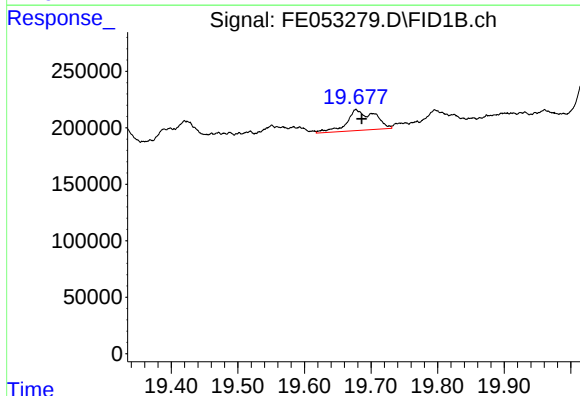
R.T.: 18.058 min
Delta R.T.: -0.009 min
Response: 381330
Conc: 2.81 ug/ml

Instrument :
FID_E
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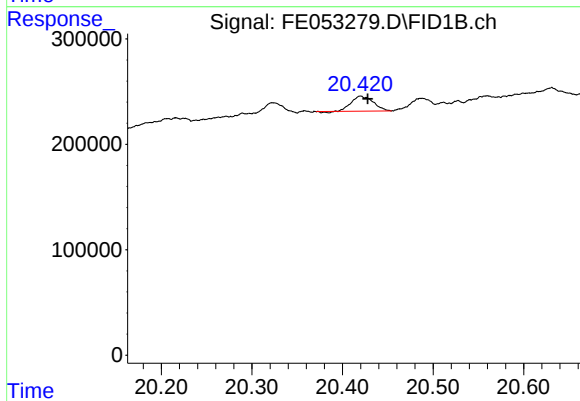
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.009 min
Response: 324620
Conc: 2.41 ug/ml



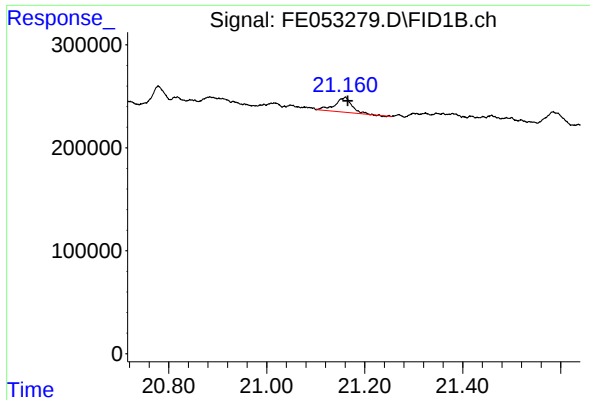
#19 n-Tetratriacontane (C34)

R.T.: 19.678 min
Delta R.T.: -0.008 min
Response: 533825
Conc: 4.13 ug/ml



#20 n-Hexatriacontane (C36)

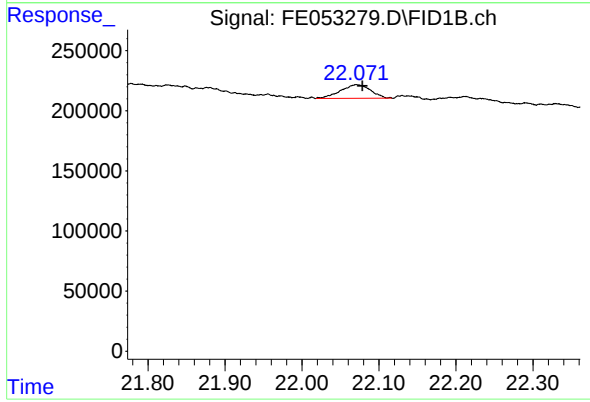
R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 236033
Conc: 1.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.005 min
Response: 338947
Conc: 2.95 ug/ml

Instrument :
FID_E
ClientSampleId :
IB-1.5-EPH



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.007 min
Response: 304905
Conc: 2.71 ug/ml