

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054165.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 21:57
 Operator : YP\AJ
 Sample : Q2179-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 D6

Integration File: autoint1.e
 Quant Time: Jun 04 02:55:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.838	5254557	32.333 ug/ml
Spiked Amount 50.000		Recovery =	64.67%
12) S 1-chlorooctadecane (S...	13.283	4213897	35.545 ug/ml
Spiked Amount 50.000		Recovery =	71.09%
Target Compounds			
7) T n-Hexadecane (C16)	10.077	43078	0.319 ug/ml
8) T n-Octadecane (C18)	11.524	29627	0.220 ug/ml
10) T n-Eicosane (C20)	12.836	31424	0.239 ug/ml
11) T n-Heneicosane (C21)	13.450	21476	0.166 ug/ml
13) T n-Docosane (C22)	14.037	21804	0.171 ug/ml
16) T n-Octacosane (C28)	17.117	29262	0.241 ug/ml
17) T n-Tricontane (C30)	18.006	26876	0.216 ug/ml
18) T n-Dotriacontane (C32)	18.833	81574	0.652 ug/ml
20) T n-Hexatriacontane (C36)	20.369	43272	0.374 ug/ml
21) T n-Octatriacontane (C38)	21.140	159578	1.466 ug/ml

(f)=RT Delta > 1/2 Window

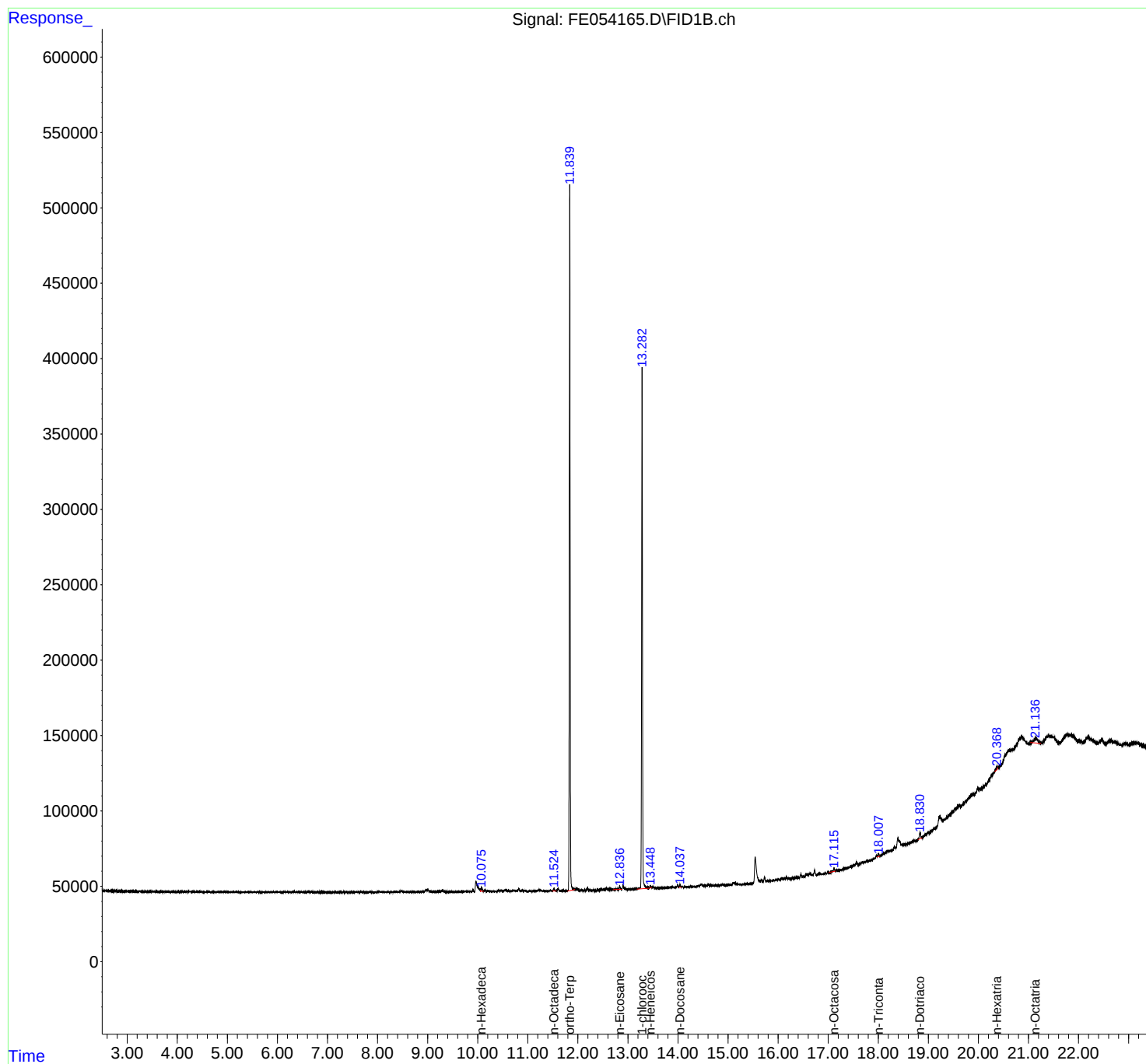
(m)=manual int.

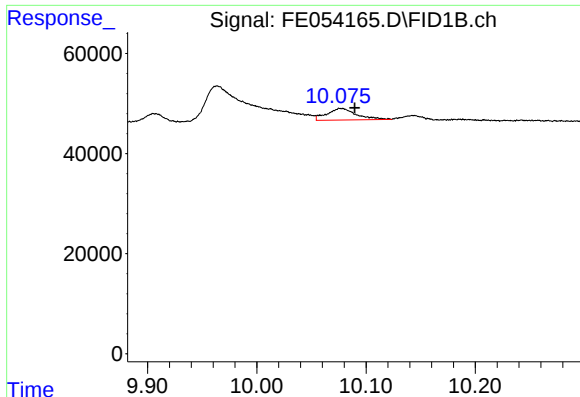
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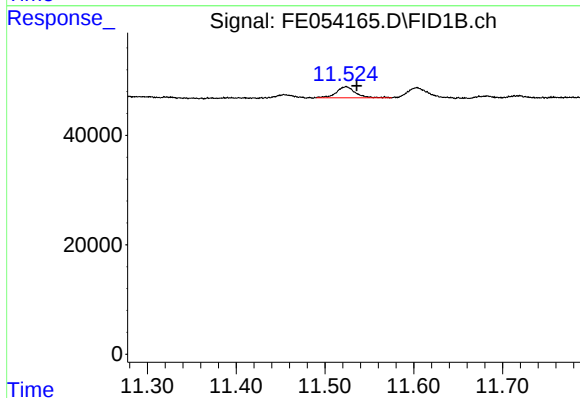




#7 n-Hexadecane (C16)

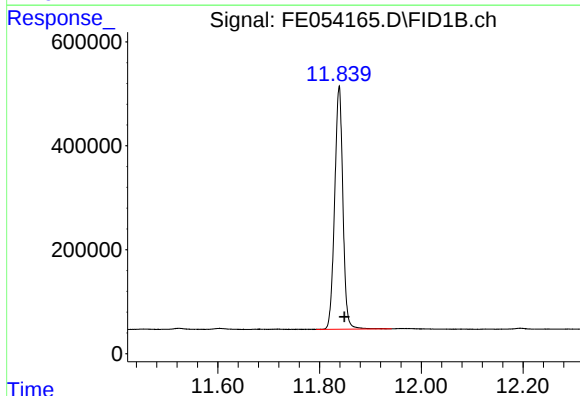
R.T.: 10.077 min
Delta R.T.: -0.012 min
Response: 43078
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
D6



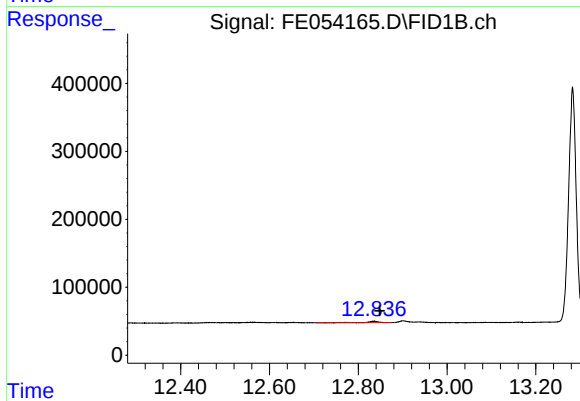
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.012 min
Response: 29627
Conc: 0.22 ug/ml



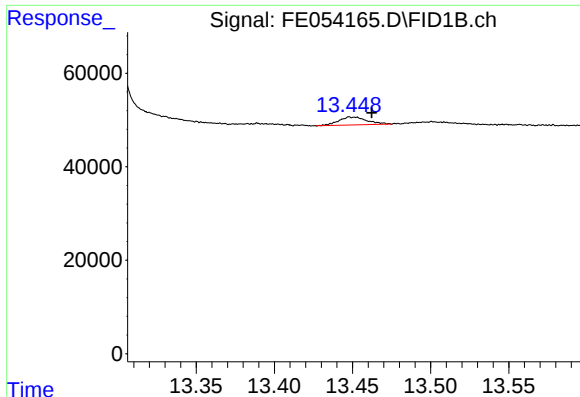
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.010 min
Response: 5254557
Conc: 32.33 ug/ml



#10 n-Eicosane (C20)

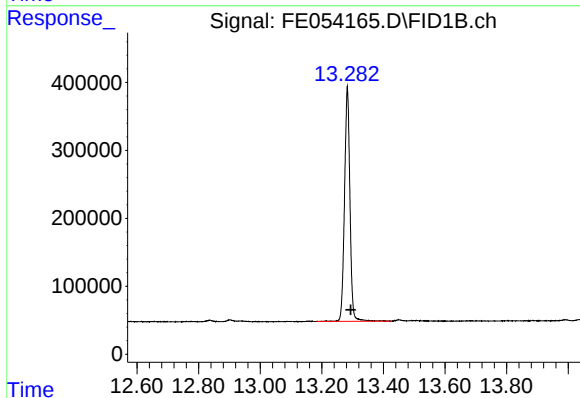
R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 31424
Conc: 0.24 ug/ml



#11 n-Heneicosane (C21)

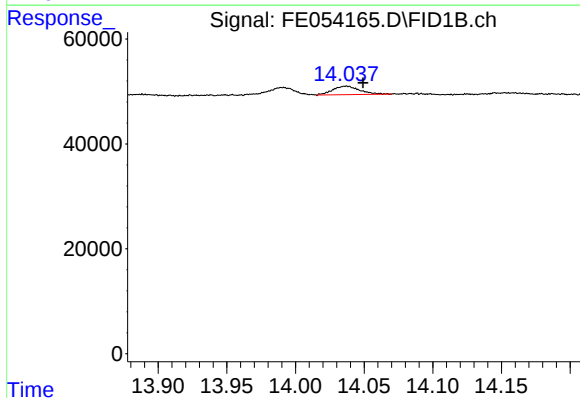
R.T.: 13.450 min
Delta R.T.: -0.012 min
Response: 21476
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
D6



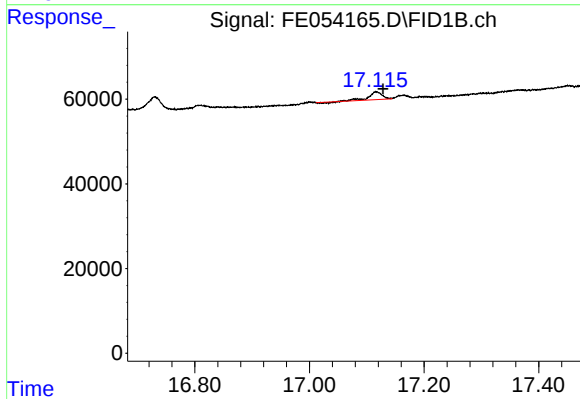
#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.012 min
Response: 4213897
Conc: 35.55 ug/ml



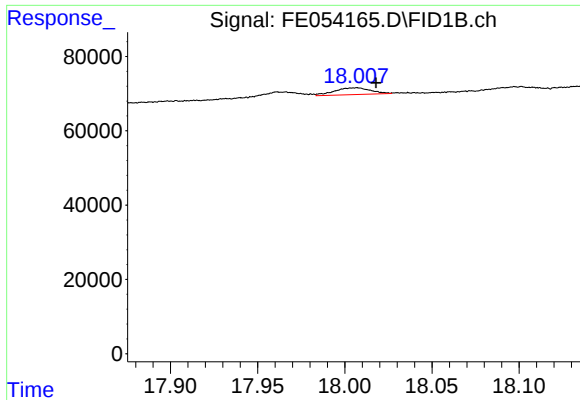
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.013 min
Response: 21804
Conc: 0.17 ug/ml



#16 n-Octacosane (C28)

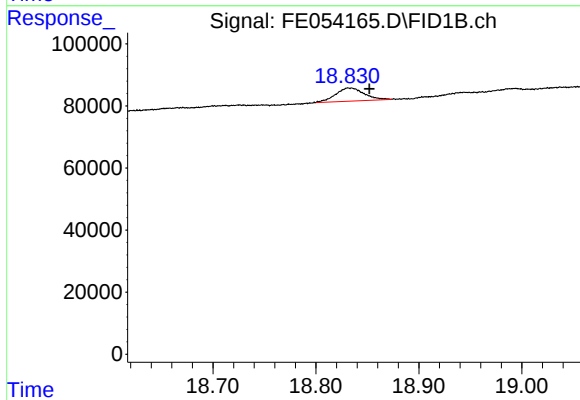
R.T.: 17.117 min
Delta R.T.: -0.012 min
Response: 29262
Conc: 0.24 ug/ml



#17 n-Tricontane (C30)

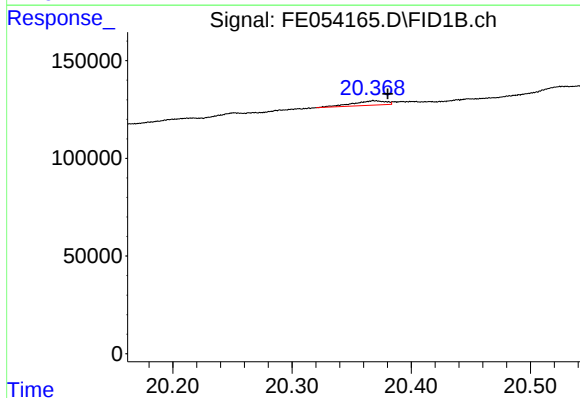
R.T.: 18.006 min
Delta R.T.: -0.012 min
Response: 26876
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
D6



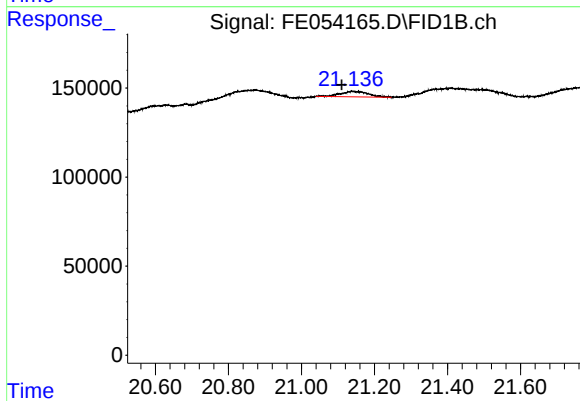
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.019 min
Response: 81574
Conc: 0.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.011 min
Response: 43272
Conc: 0.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: 0.029 min
Response: 159578
Conc: 1.47 ug/ml