

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054658.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 15:10
 Operator : YP\AJ
 Sample : Q2459-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-EPH

Integration File: autoint1.e
 Quant Time: Jul 02 02:22:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.075	4635132	28.543 ug/ml
Spiked Amount 50.000		Recovery =	57.09%
12) S 1-chlorooctadecane (S...	13.512	3737684	29.595 ug/ml
Spiked Amount 50.000		Recovery =	59.19%
Target Compounds			
6) T n-Tetradecane (C14)	8.678	39070	0.282 ug/ml
14) T n-Tetracosane (C24)	15.350	65920	0.453 ug/ml
16) T n-Octacosane (C28)	17.347	37646	0.258 ug/ml
17) T n-Tricontane (C30)	18.235	53011	0.336 ug/ml
18) T n-Dotriacontane (C32)	19.067	66816	0.413 ug/ml
19) T n-Tetratriacontane (C34)	19.854	42593	0.279 ug/ml
20) T n-Hexatriacontane (C36)	20.595	101765	0.757 ug/ml

(f)=RT Delta > 1/2 Window

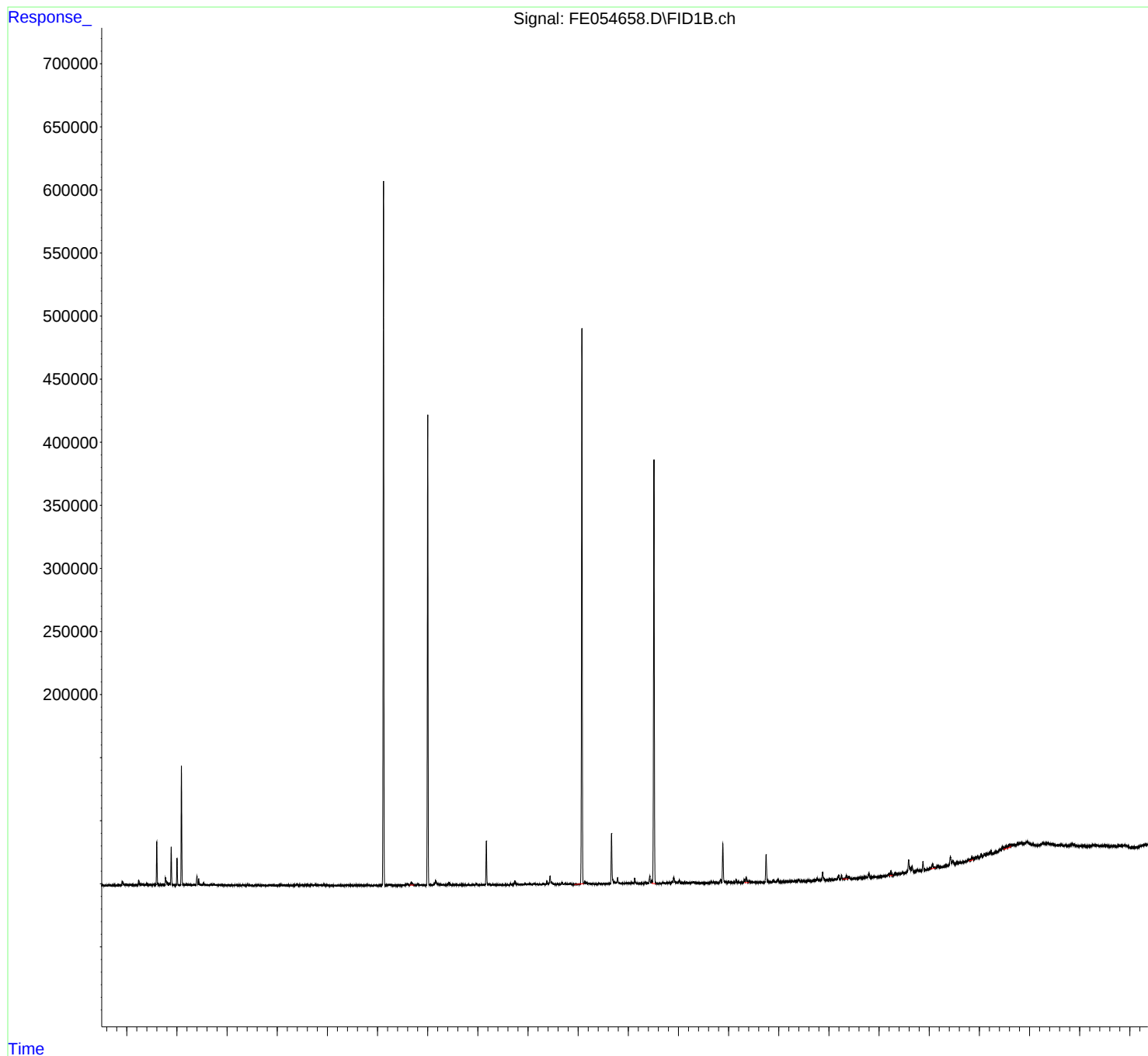
(m)=manual int.

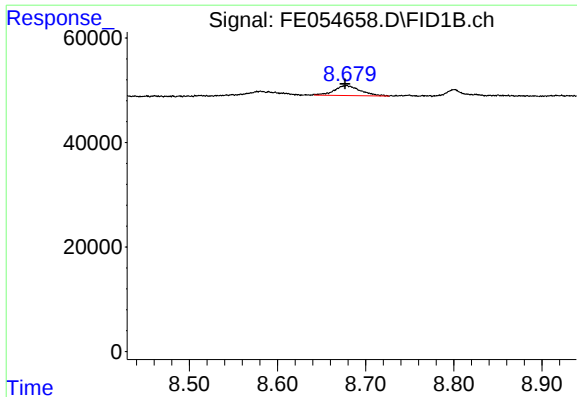
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

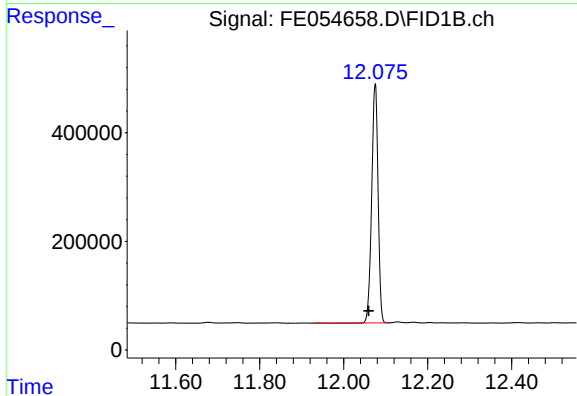




#6 n-Tetradecane (C14)

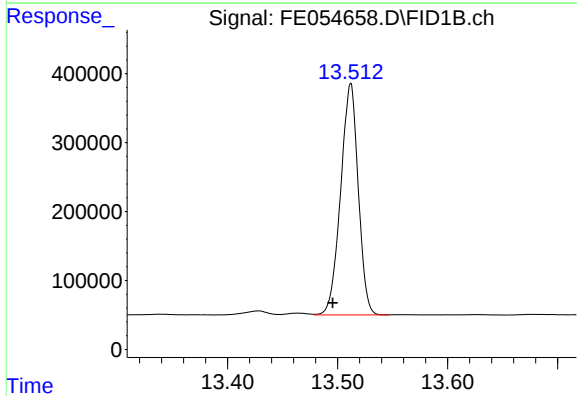
R.T.: 8.678 min
Delta R.T.: 0.002 min
Response: 39070
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



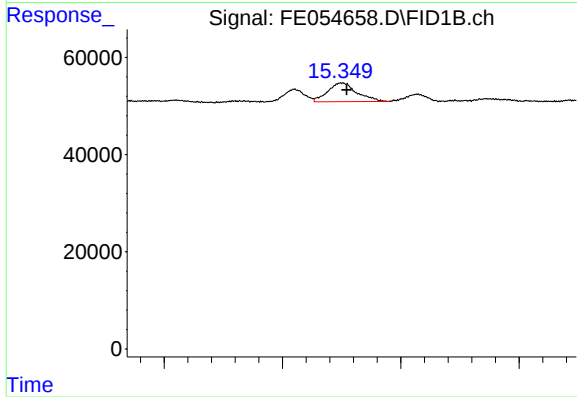
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: 0.015 min
Response: 4635132
Conc: 28.54 ug/ml



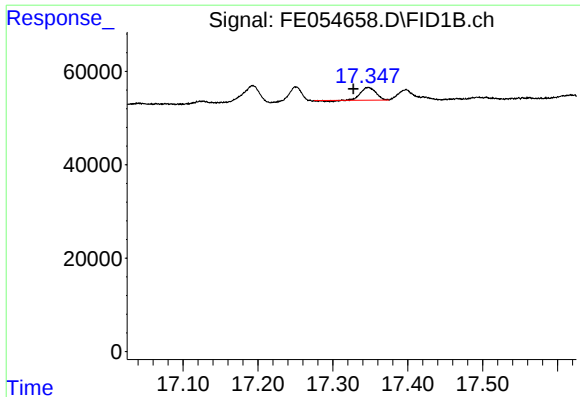
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3737684
Conc: 29.60 ug/ml



#14 n-Tetracosane (C24)

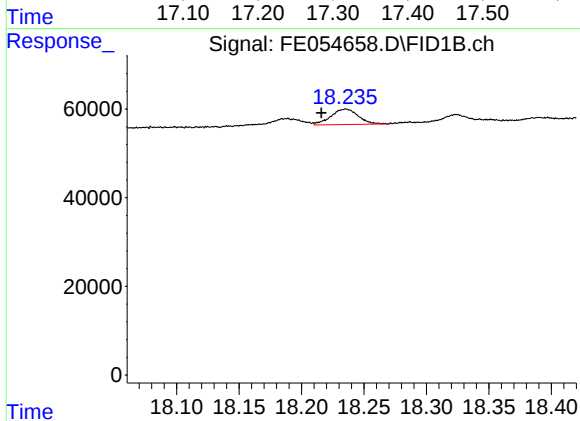
R.T.: 15.350 min
Delta R.T.: -0.004 min
Response: 65920
Conc: 0.45 ug/ml



#16 n-Octacosane (C28)

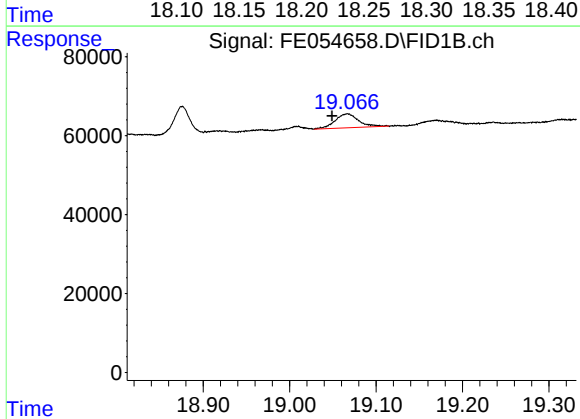
R.T.: 17.347 min
Delta R.T.: 0.020 min
Response: 37646
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



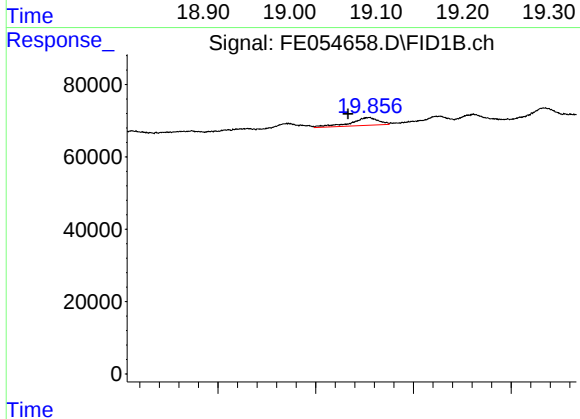
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.019 min
Response: 53011
Conc: 0.34 ug/ml



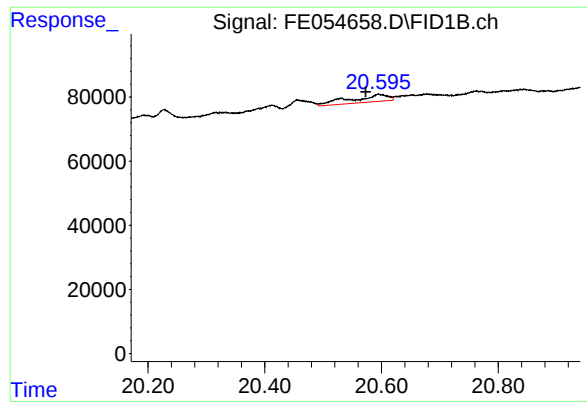
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: 0.018 min
Response: 66816
Conc: 0.41 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.021 min
Response: 42593
Conc: 0.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: 0.022 min
Response: 101765
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH