

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054582.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 18:51
 Operator : YP\AJ
 Sample : Q2405-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-M/N-EPH

Integration File: autoint1.e
 Quant Time: Jun 26 02:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	7785896	47.120 ug/ml
Spiked Amount 50.000		Recovery =	94.24%
12) S 1-chlorooctadecane (S...	13.269	6073273	49.802 ug/ml
Spiked Amount 50.000		Recovery =	99.60%
Target Compounds			
6) T n-Tetradecane (C14)	8.442	77800	0.601 ug/ml
14) T n-Tetracosane (C24)	15.126	57494	0.446 ug/ml
15) T n-Hexacosane (C26)	16.149	56444	0.450 ug/ml
16) T n-Octacosane (C28)	17.100	68415	0.558 ug/ml
17) T n-Tricontane (C30)	17.988	54587	0.440 ug/ml
18) T n-Dotriacontane (C32)	18.822	68006	0.541 ug/ml
19) T n-Tetratriacontane (C34)	19.609	27029	0.217 ug/ml
20) T n-Hexatriacontane (C36)	20.352	14638	0.114 ug/ml

(f)=RT Delta > 1/2 Window

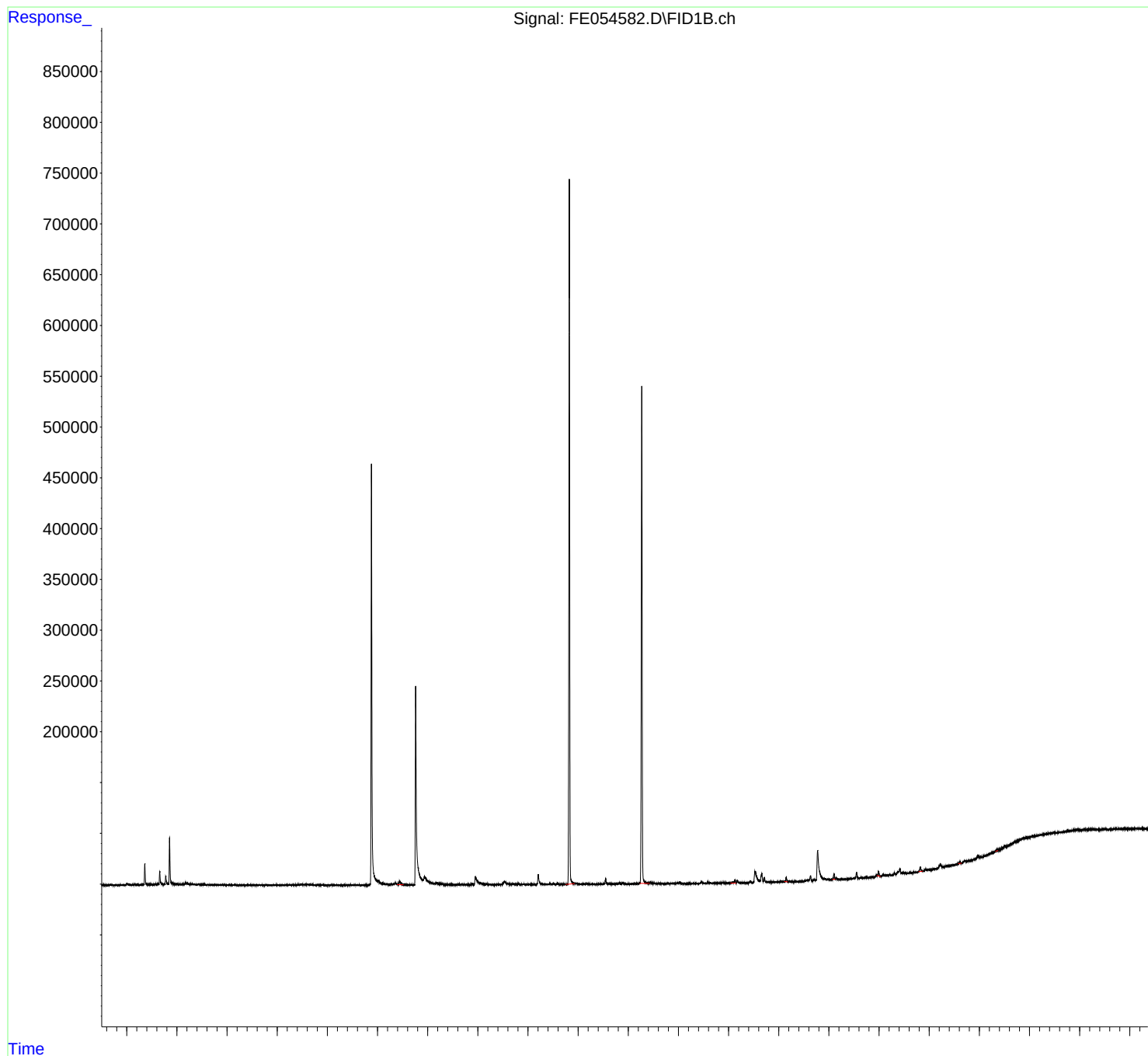
(m)=manual int.

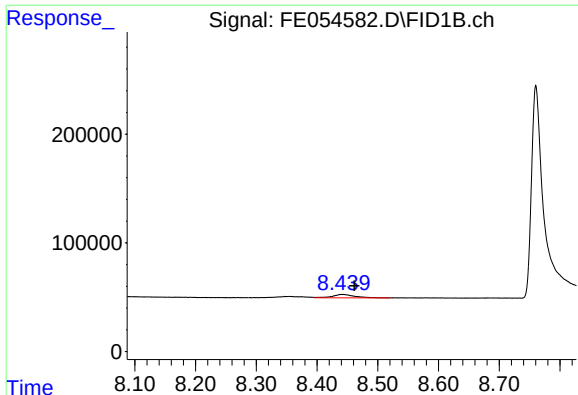
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

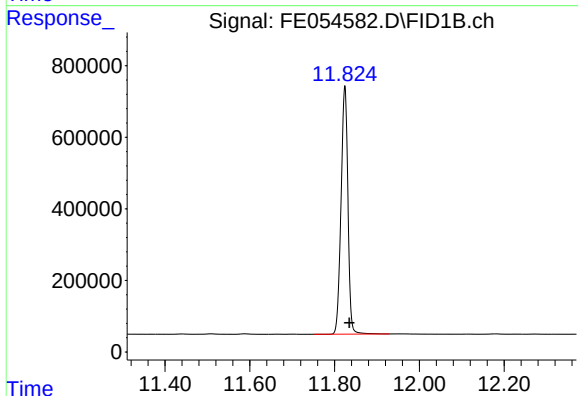




#6 n-Tetradecane (C14)

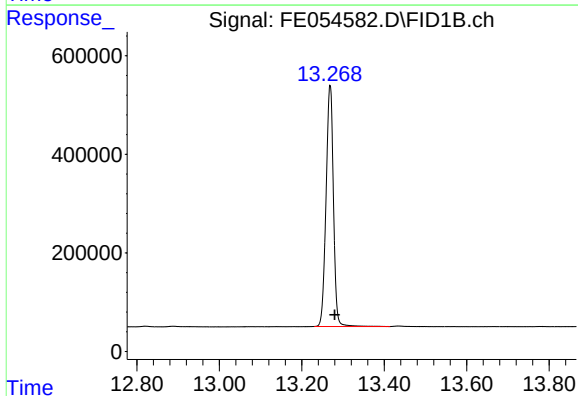
R.T.: 8.442 min
Delta R.T.: -0.019 min
Response: 77800
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/N-EPH



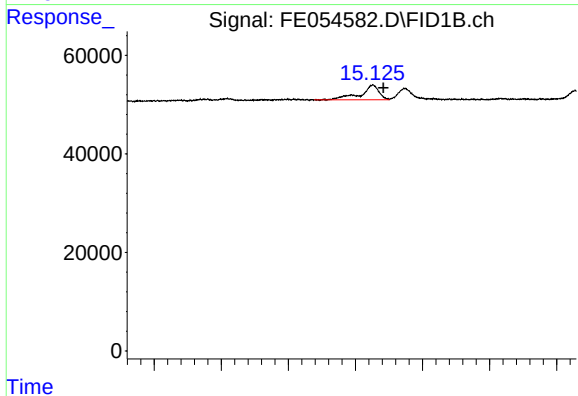
#9 ortho-Terphenyl (SURRE)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 7785896
Conc: 47.12 ug/ml



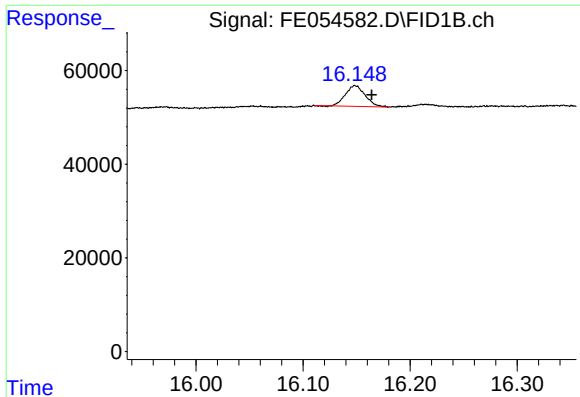
#12 1-chlorooctadecane (SURRE)

R.T.: 13.269 min
Delta R.T.: -0.011 min
Response: 6073273
Conc: 49.80 ug/ml



#14 n-Tetracosane (C24)

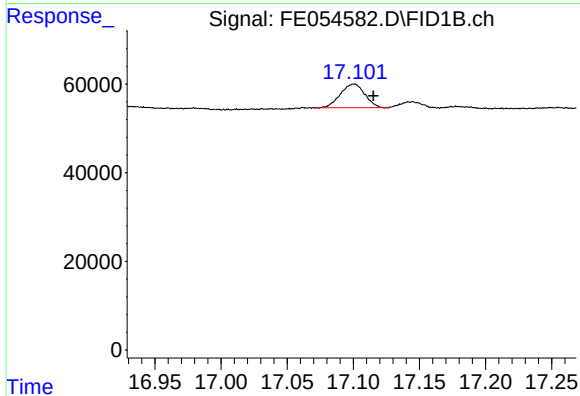
R.T.: 15.126 min
Delta R.T.: -0.016 min
Response: 57494
Conc: 0.45 ug/ml



#15 n-Hexacosane (C26)

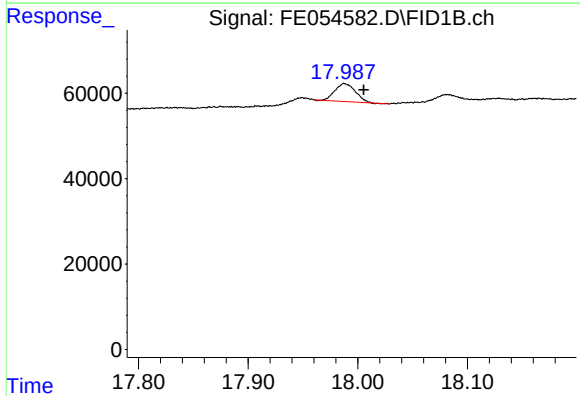
R.T.: 16.149 min
Delta R.T.: -0.015 min
Response: 56444
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/N-EPH



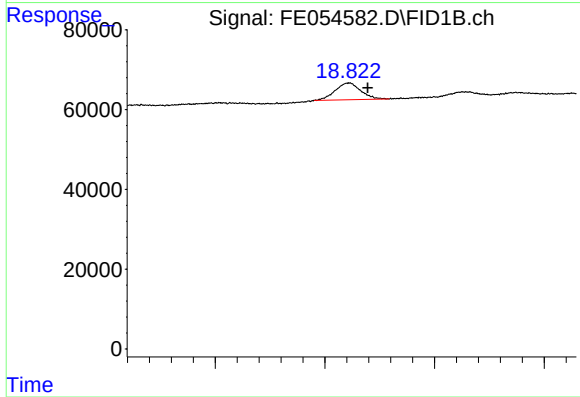
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 68415
Conc: 0.56 ug/ml



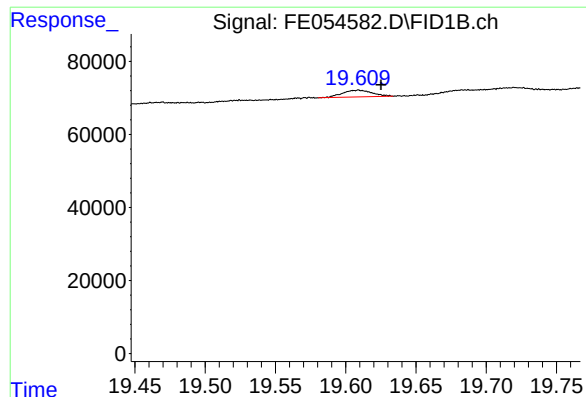
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.017 min
Response: 54587
Conc: 0.44 ug/ml



#18 n-Dotriacontane (C32)

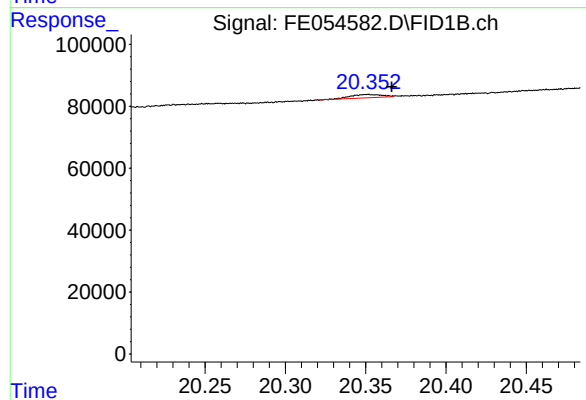
R.T.: 18.822 min
Delta R.T.: -0.017 min
Response: 68006
Conc: 0.54 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 27029
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/N-EPH



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 14638
Conc: 0.11 ug/ml