

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054581.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 18:20
 Operator : YP\AJ
 Sample : Q2405-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-M/H

Integration File: autoint1.e
 Quant Time: Jun 26 02:33:21 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	7591005	45.941 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
12) S 1-chlorooctadecane (S...	13.268	5896150	48.349 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
Target Compounds			
6) T n-Tetradecane (C14)	8.443	71269	0.550 ug/ml
14) T n-Tetracosane (C24)	15.174	31270	0.242 ug/ml
15) T n-Hexacosane (C26)	16.149	23179	0.185 ug/ml
16) T n-Octacosane (C28)	17.101	45764	0.373 ug/ml
17) T n-Tricontane (C30)	17.989	48431	0.391 ug/ml
18) T n-Dotriacontane (C32)	18.822	72880	0.580 ug/ml
19) T n-Tetratriacontane (C34)	19.609	40190	0.323 ug/ml
20) T n-Hexatriacontane (C36)	20.352	25828	0.201 ug/ml

(f)=RT Delta > 1/2 Window

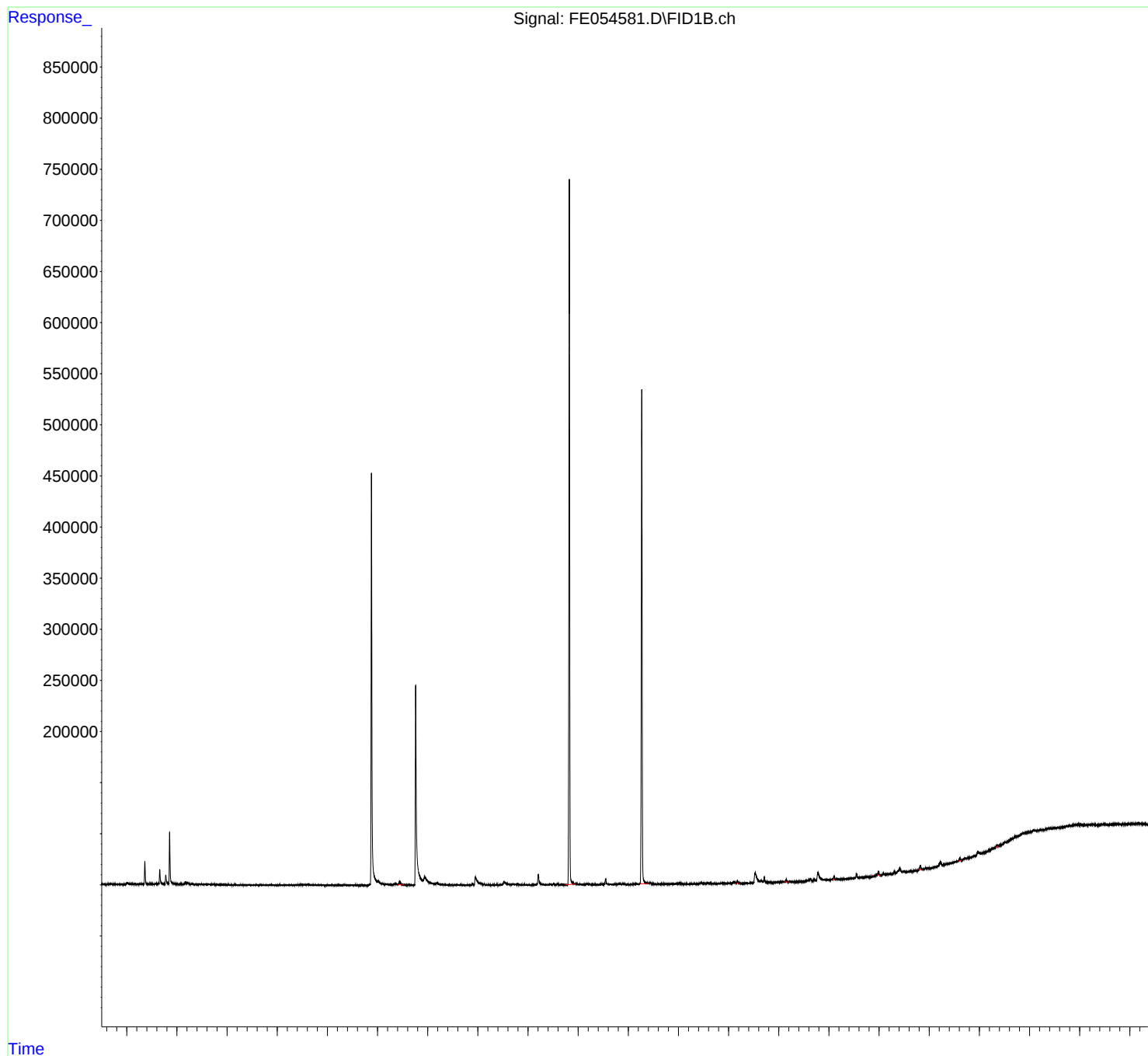
(m)=manual int.

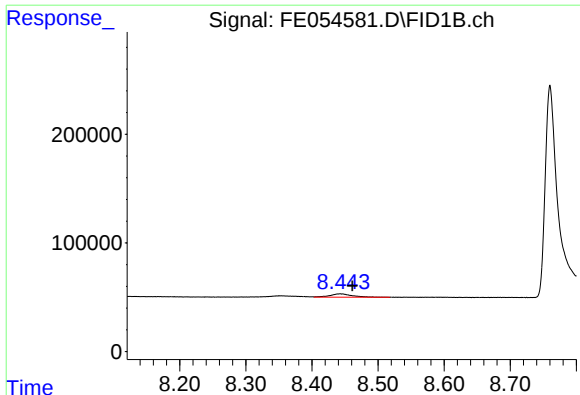
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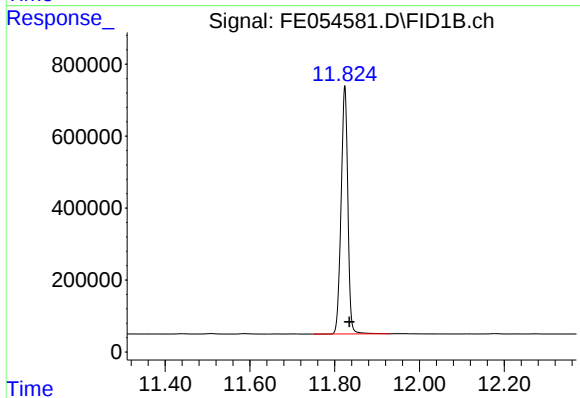




#6 n-Tetradecane (C14)

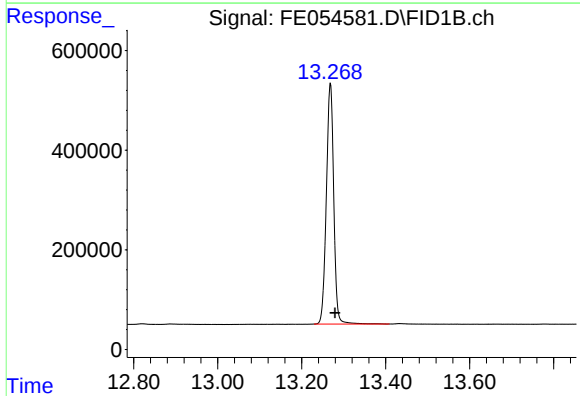
R.T.: 8.443 min
Delta R.T.: -0.018 min
Response: 71269
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/H



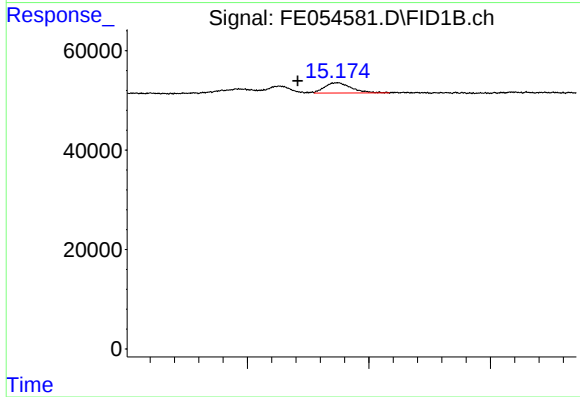
#9 ortho-Terphenyl (SURRE)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 7591005
Conc: 45.94 ug/ml



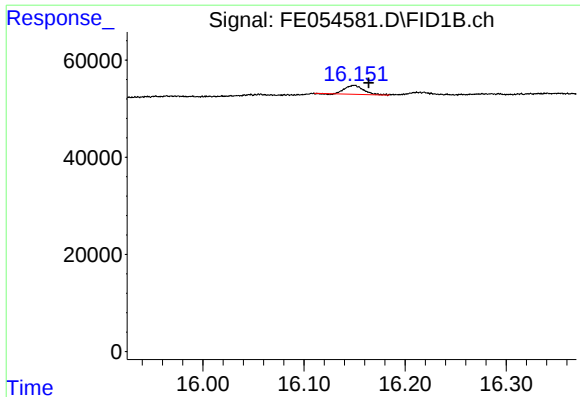
#12 1-chlorooctadecane (SURRE)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 5896150
Conc: 48.35 ug/ml



#14 n-Tetracosane (C24)

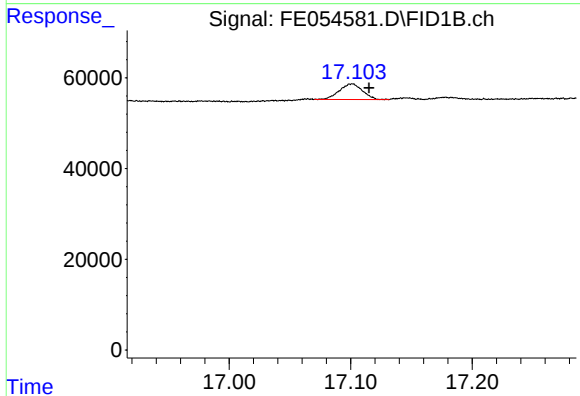
R.T.: 15.174 min
Delta R.T.: 0.032 min
Response: 31270
Conc: 0.24 ug/ml



#15 n-Hexacosane (C26)

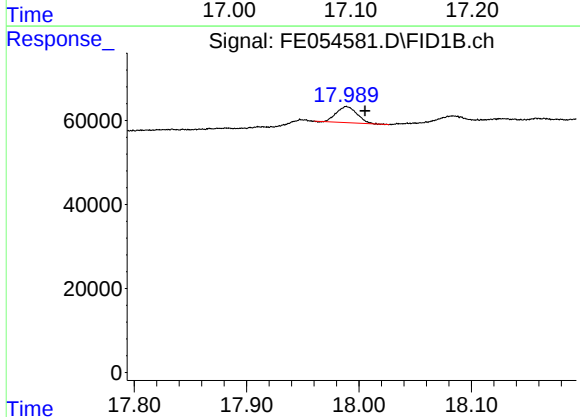
R.T.: 16.149 min
Delta R.T.: -0.015 min
Response: 23179
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/H



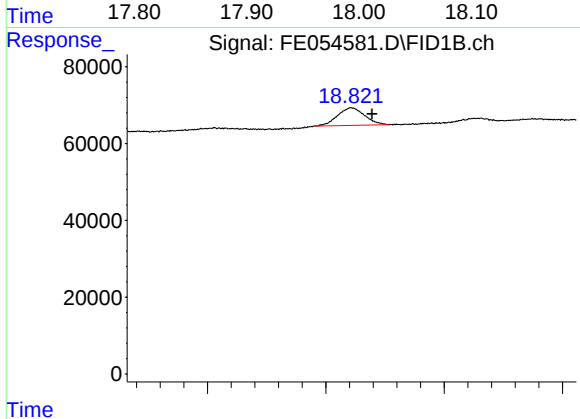
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 45764
Conc: 0.37 ug/ml



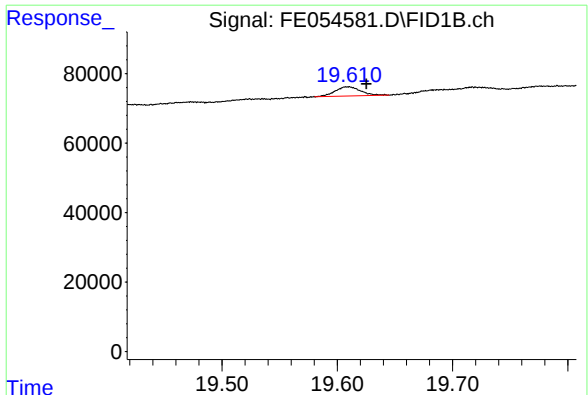
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: -0.016 min
Response: 48431
Conc: 0.39 ug/ml



#18 n-Dotriacontane (C32)

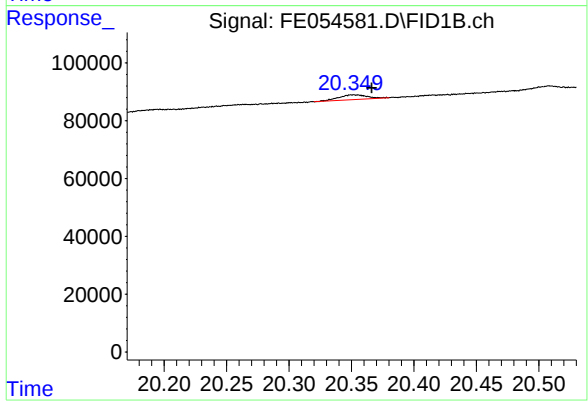
R.T.: 18.822 min
Delta R.T.: -0.017 min
Response: 72880
Conc: 0.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 40190
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-M/H



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 25828
Conc: 0.20 ug/ml