

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054530.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 20:23
 Operator : YP\AJ
 Sample : Q2367-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EP-5-EPH

Integration File: autoint1.e
 Quant Time: Jun 20 23:26:30 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)	11.822	5974987	36.160 ug/ml
Spiked Amount 50.000		Recovery =	72.32%
12) S 1-chlorooctadecane (S...	13.266	4746040	38.918 ug/ml
Spiked Amount 50.000		Recovery =	77.84%
Target Compounds			
14) T n-Tetracosane (C24)	15.125	29981	0.232 ug/ml
15) T n-Hexacosane (C26)	16.148	25736	0.205 ug/ml
16) T n-Octacosane (C28)	17.099	38177	0.311 ug/ml
17) T n-Tricontane (C30)	17.987	38917	0.314 ug/ml
18) T n-Dotriacontane (C32)	18.819	69808	0.556 ug/ml
19) T n-Tetratriacontane (C34)	19.607	61609	0.495 ug/ml
20) T n-Hexatriacontane (C36)	20.349	48593	0.377 ug/ml
21) T n-Octatriacontane (C38)	21.087	42184	0.319 ug/ml

(f)=RT Delta > 1/2 Window

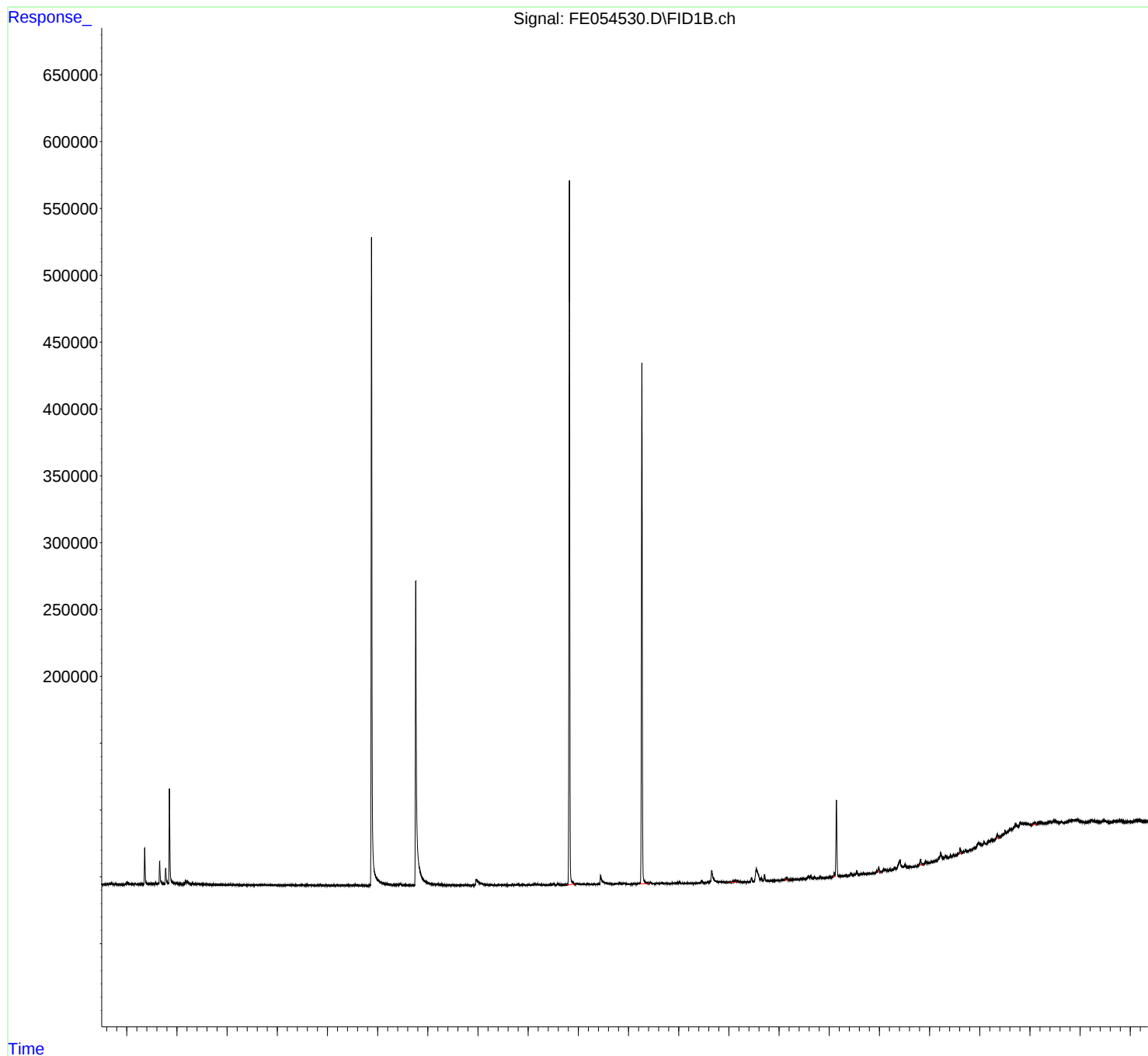
(m)=manual int.

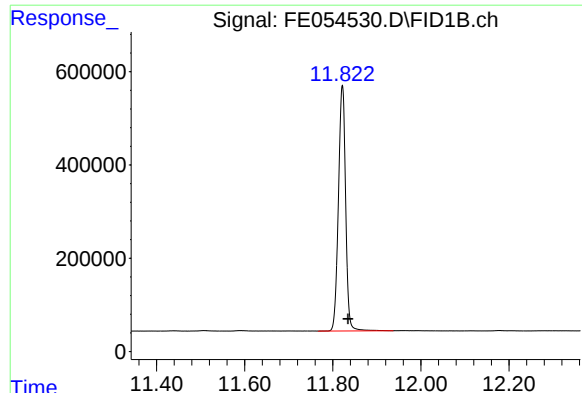
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

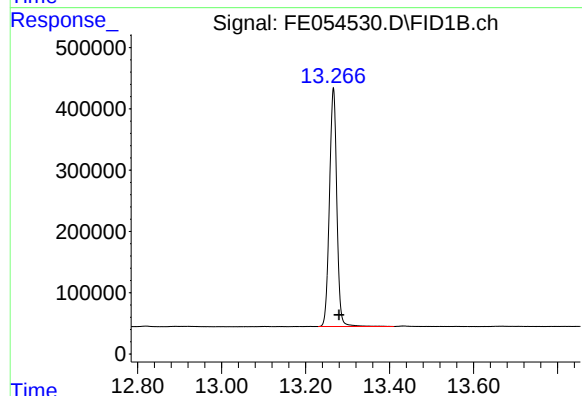




#9 ortho-Terphenyl (SURR)

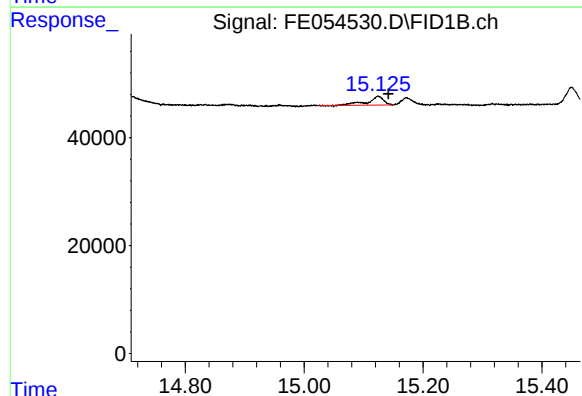
R.T.: 11.822 min
Delta R.T.: -0.013 min
Response: 5974987
Conc: 36.16 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-5-EPH



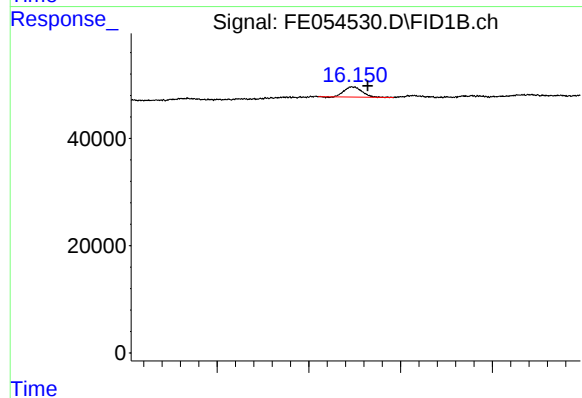
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: -0.013 min
Response: 4746040
Conc: 38.92 ug/ml



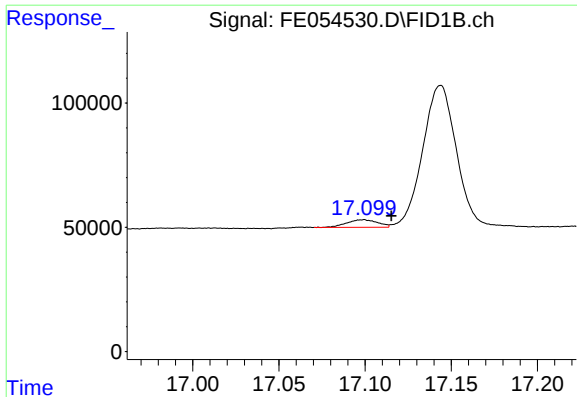
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: -0.017 min
Response: 29981
Conc: 0.23 ug/ml



#15 n-Hexacosane (C26)

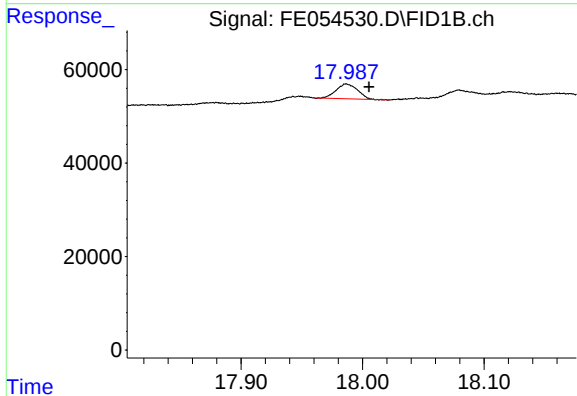
R.T.: 16.148 min
Delta R.T.: -0.016 min
Response: 25736
Conc: 0.21 ug/ml



#16 n-Octacosane (C28)

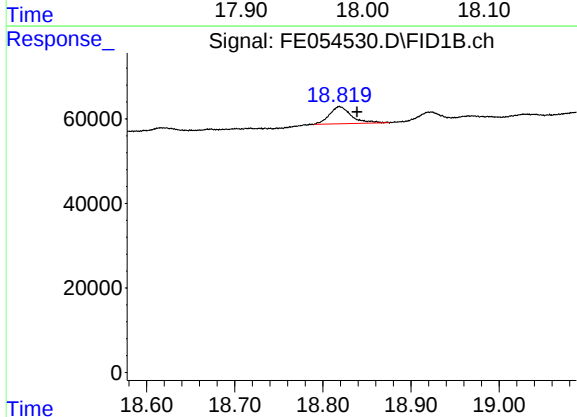
R.T.: 17.099 min
Delta R.T.: -0.016 min
Response: 38177
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-5-EPH



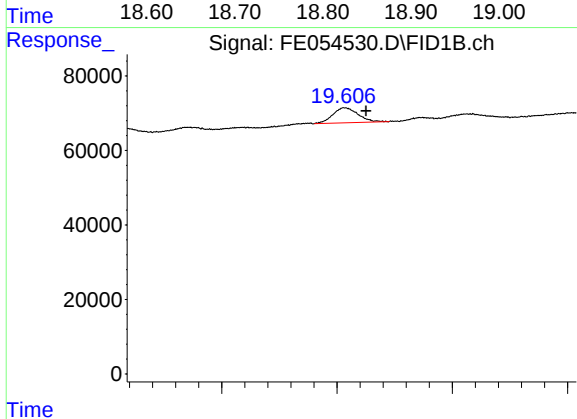
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.018 min
Response: 38917
Conc: 0.31 ug/ml



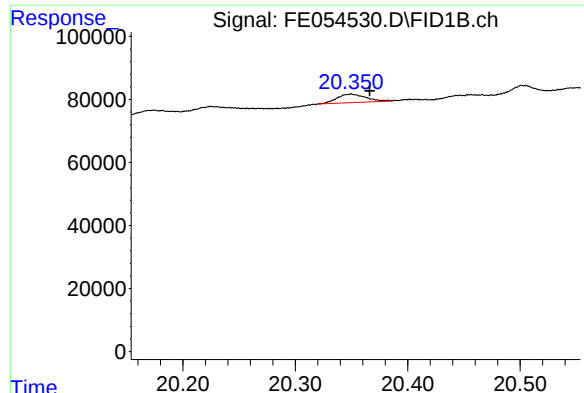
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: -0.020 min
Response: 69808
Conc: 0.56 ug/ml



#19 n-Tetratriacontane (C34)

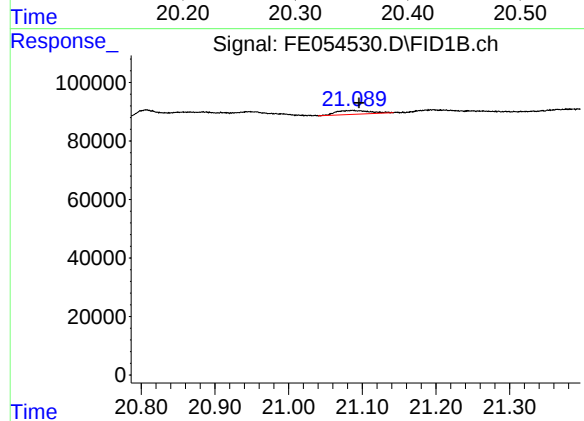
R.T.: 19.607 min
Delta R.T.: -0.018 min
Response: 61609
Conc: 0.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 48593
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
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#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.009 min
Response: 42184
Conc: 0.32 ug/ml