

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
 Data File : FE056126.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 13:01
 Operator : YP\AJ
 Sample : Q3253-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 9EPH-C

Integration File: autoint1.e
 Quant Time: Oct 01 15:01:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.073	7875227	41.967 ug/ml
Spiked Amount 50.000		Recovery =	83.93%
12) S 1-chlorooctadecane (S...	13.510	5018943	35.961 ug/ml
Spiked Amount 50.000		Recovery =	71.92%
Target Compounds			
7) T n-Hexadecane (C16)	10.301	90821	0.572 ug/ml
8) T n-Octadecane (C18)	11.743	479342	2.830 ug/ml
10) T n-Eicosane (C20)	13.061	851908	5.139 ug/ml
11) T n-Heneicosane (C21)	13.685	135451	0.834 ug/ml
13) T n-Docosane (C22)	14.254	89884	0.563 ug/ml
17) T n-Tricontane (C30)	18.230	166080	1.121 ug/ml
18) T n-Dotriacontane (C32)	19.063	240656	1.613 ug/ml
19) T n-Tetratriacontane (C34)	19.848	177593	1.256 ug/ml
20) T n-Hexatriacontane (C36)	20.592	112405	0.876 ug/ml

(f)=RT Delta > 1/2 Window

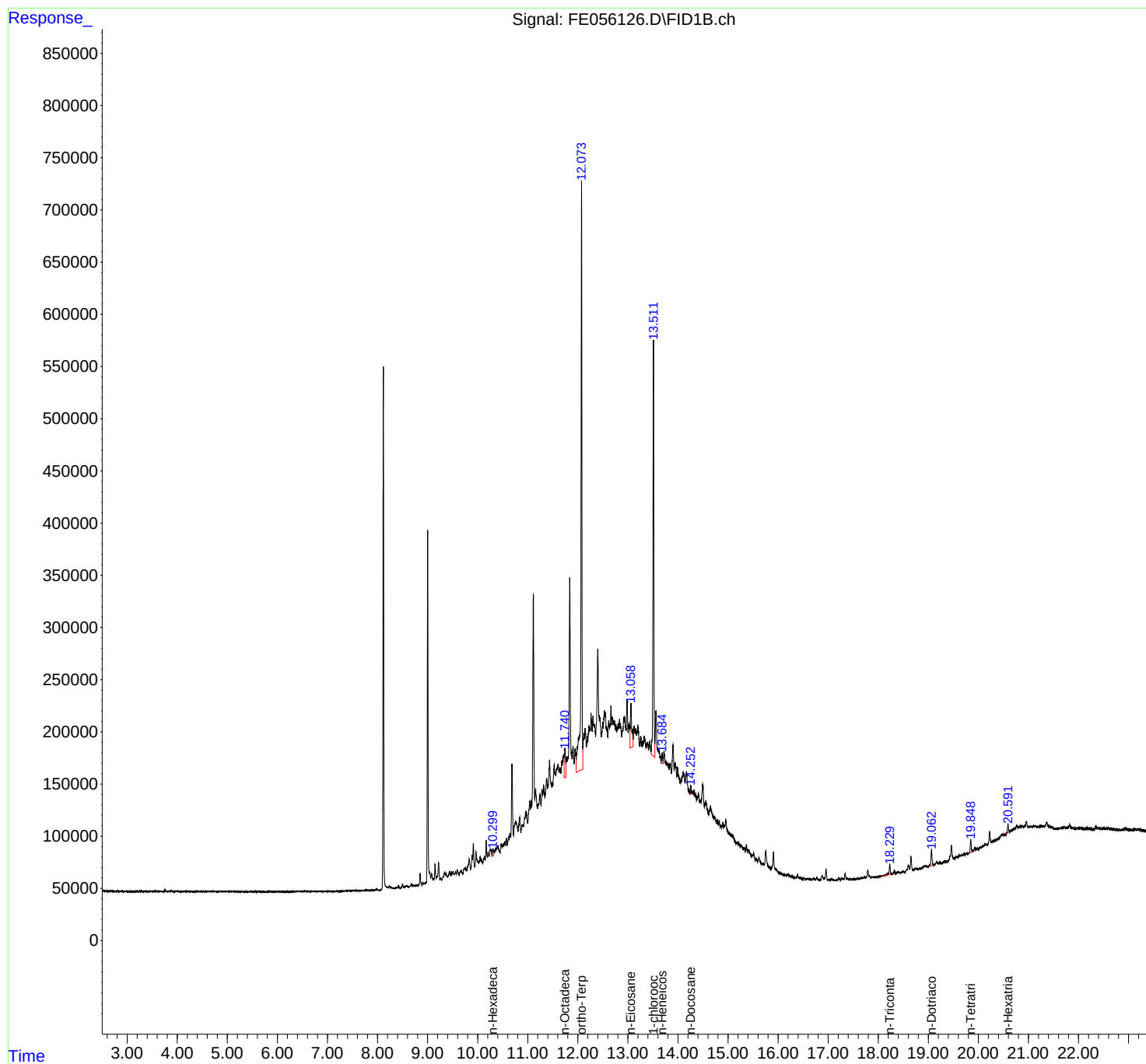
(m)=manual int.

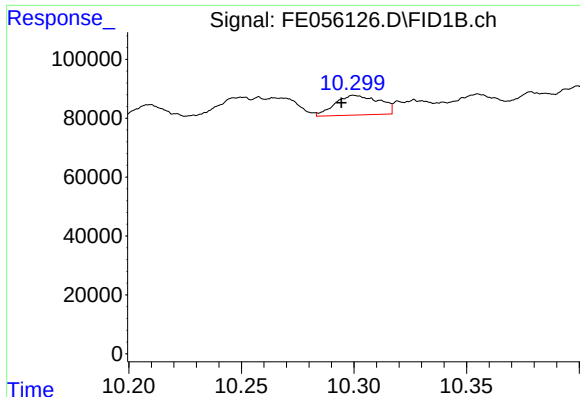
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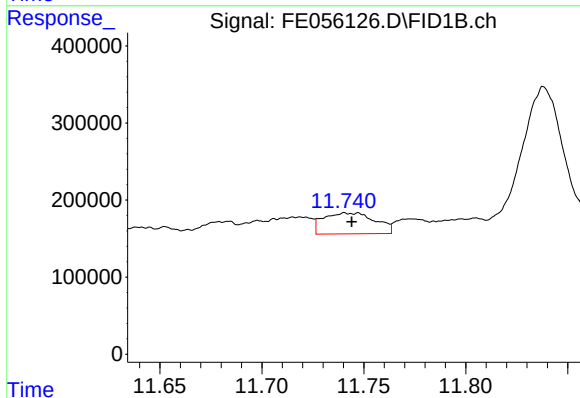




#7 n-Hexadecane (C16)

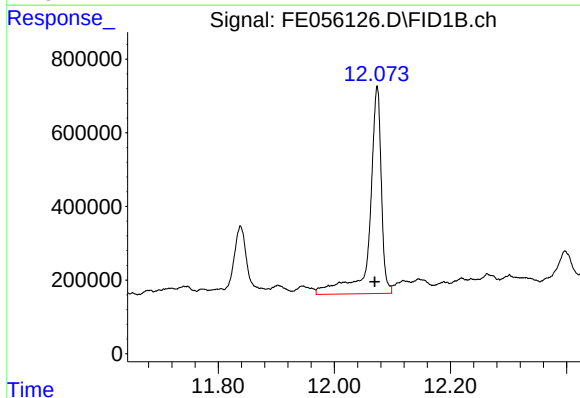
R.T.: 10.301 min
Delta R.T.: 0.007 min
Response: 90821
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :
9EPH-C



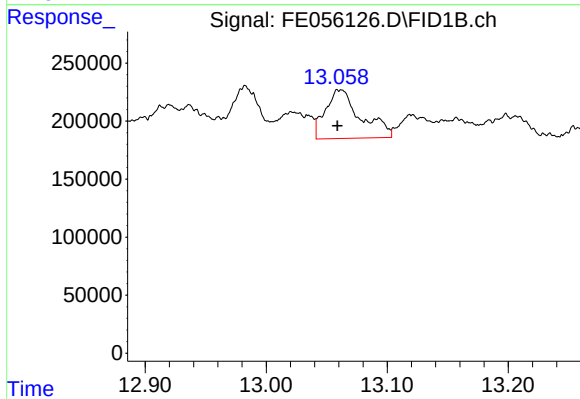
#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: 0.000 min
Response: 479342
Conc: 2.83 ug/ml



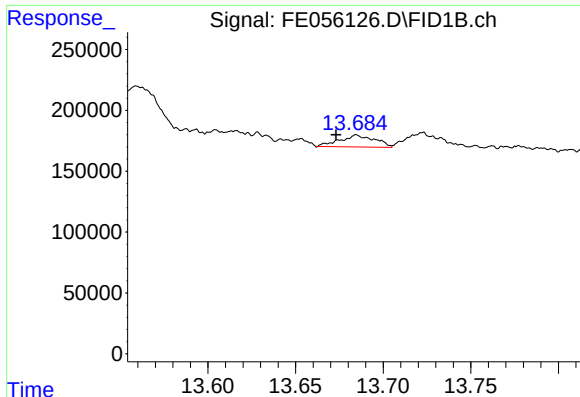
#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: 0.004 min
Response: 7875227
Conc: 41.97 ug/ml



#10 n-Eicosane (C20)

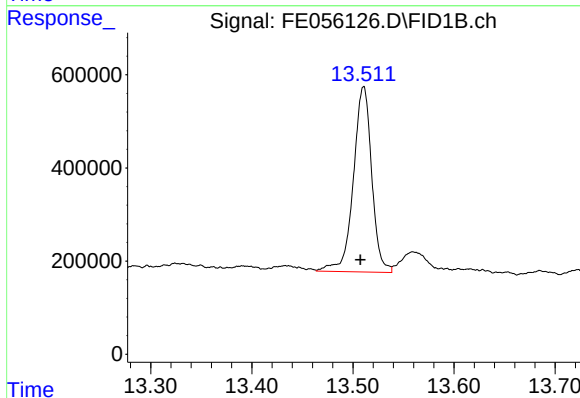
R.T.: 13.061 min
Delta R.T.: 0.003 min
Response: 851908
Conc: 5.14 ug/ml



#11 n-Heneicosane (C21)

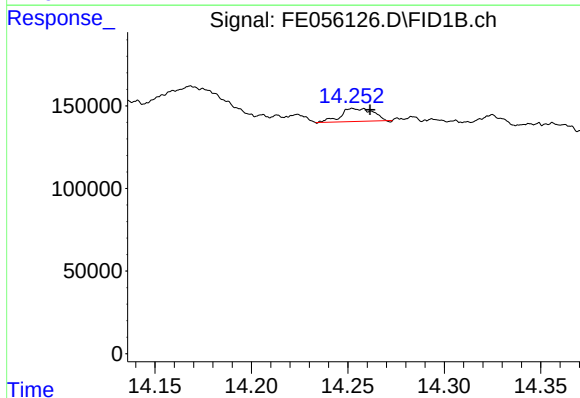
R.T.: 13.685 min
Delta R.T.: 0.012 min
Response: 135451
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :
9EPH-C



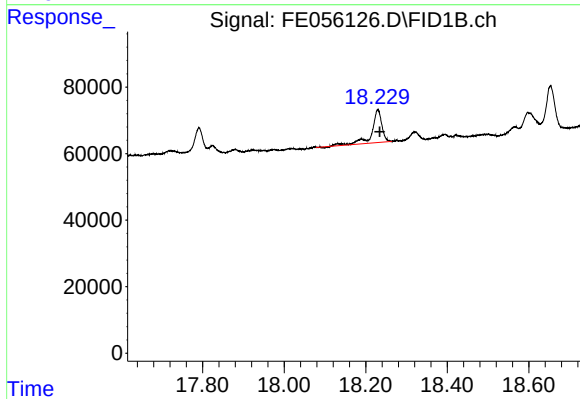
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: 0.003 min
Response: 5018943
Conc: 35.96 ug/ml



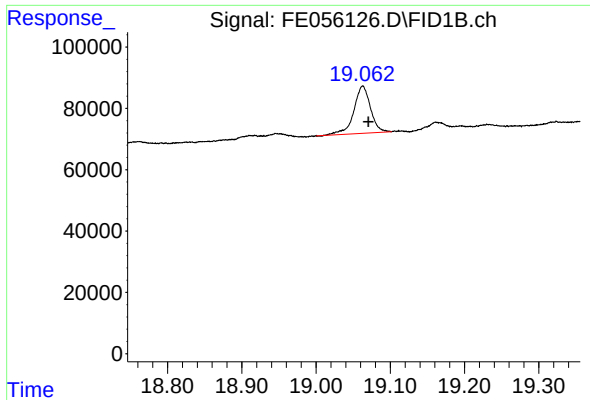
#13 n-Docosane (C22)

R.T.: 14.254 min
Delta R.T.: -0.007 min
Response: 89884
Conc: 0.56 ug/ml



#17 n-Tricontane (C30)

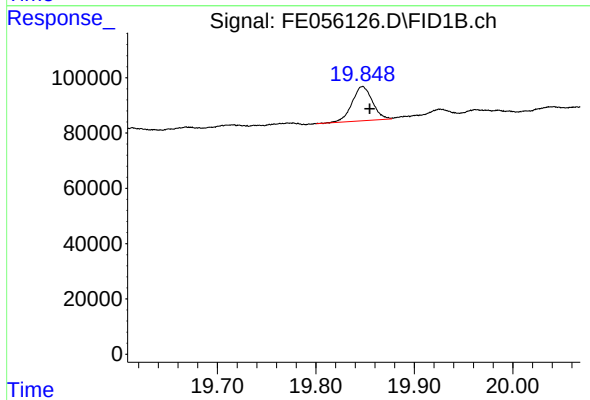
R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 166080
Conc: 1.12 ug/ml



#18 n-Dotriacontane (C32)

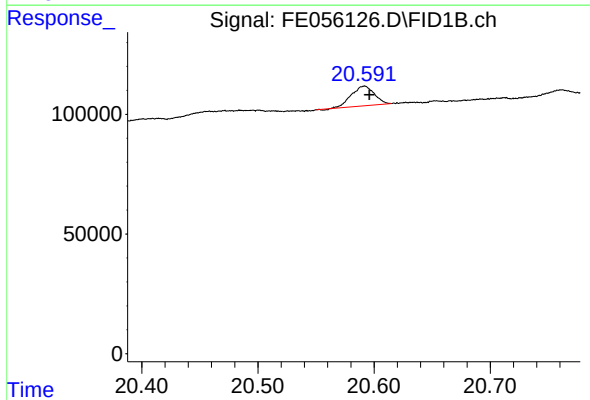
R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 240656
Conc: 1.61 ug/ml

Instrument :
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#19 n-Tetatriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 177593
Conc: 1.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.005 min
Response: 112405
Conc: 0.88 ug/ml