

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054131.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 19:48
 Operator : YP\AJ
 Sample : Q2173-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-400-CF-402B-64

Integration File: autoint1.e
 Quant Time: Jun 03 01:21:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	6138109	37.770 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
12) S 1-chlorooctadecane (S...	13.286	5070419	42.771 ug/ml
Spiked Amount 50.000		Recovery =	85.54%
Target Compounds			
7) T n-Hexadecane (C16)	10.078	35012	0.259 ug/ml
8) T n-Octadecane (C18)	11.471f	34329	0.255 ug/ml
10) T n-Eicosane (C20)	12.846	124694	0.949 ug/ml
11) T n-Heneicosane (C21)	13.484	127149	0.981 ug/ml
13) T n-Docosane (C22)	14.073	290717	2.279 ug/ml
14) T n-Tetracosane (C24)	15.133	614540	4.912 ug/ml
15) T n-Hexacosane (C26)	16.172	50993	0.416 ug/ml
16) T n-Octacosane (C28)	17.147	128489	1.057 ug/ml
17) T n-Tricontane (C30)	18.006	224160	1.800 ug/ml
18) T n-Dotriacontane (C32)	18.836	123912	0.991 ug/ml
19) T n-Tetratriacontane (C34)	19.653	28690	0.241 ug/ml
20) T n-Hexatriacontane (C36)	20.380	22852	0.197 ug/ml

(f)=RT Delta > 1/2 Window

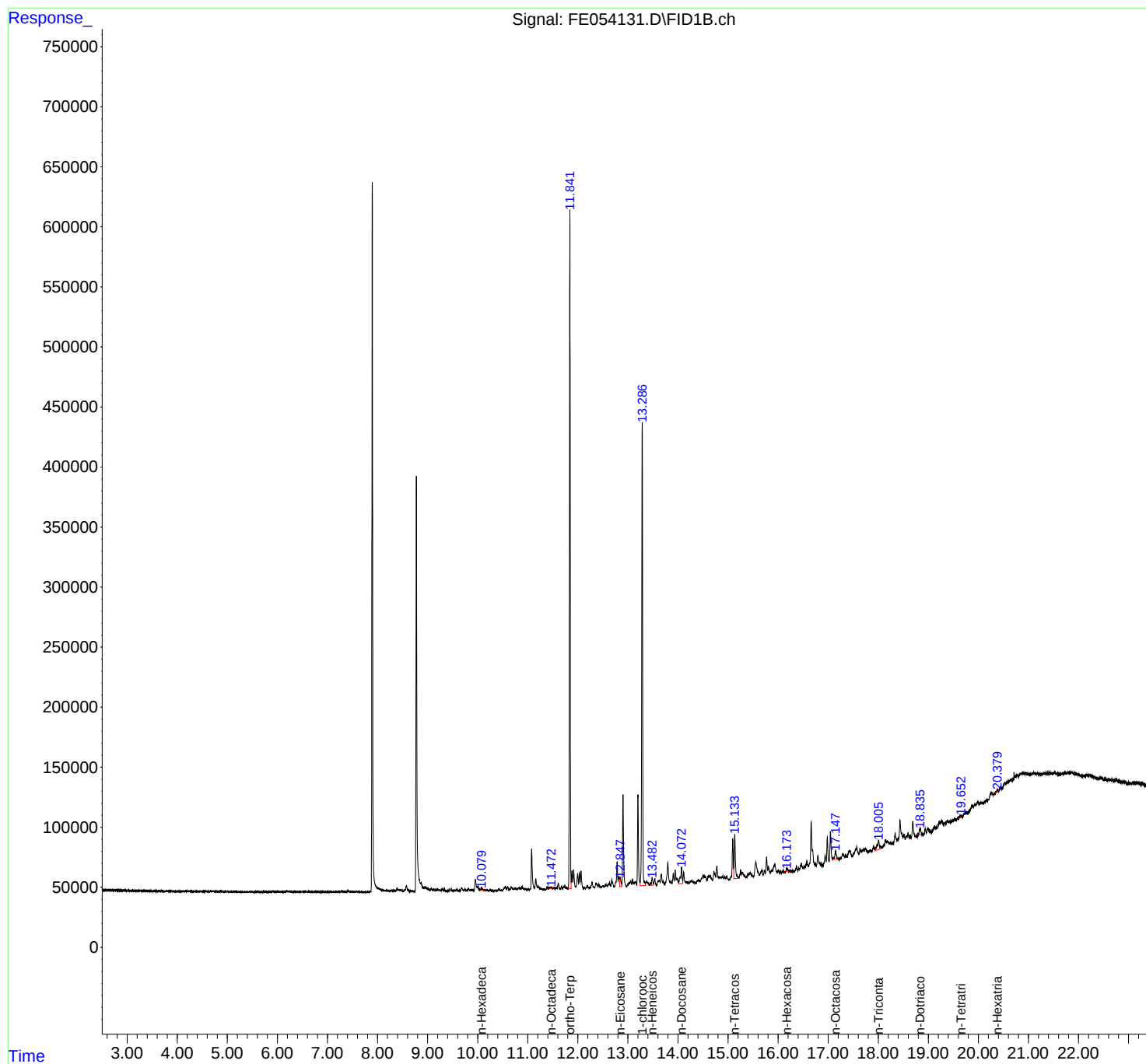
(m)=manual int.

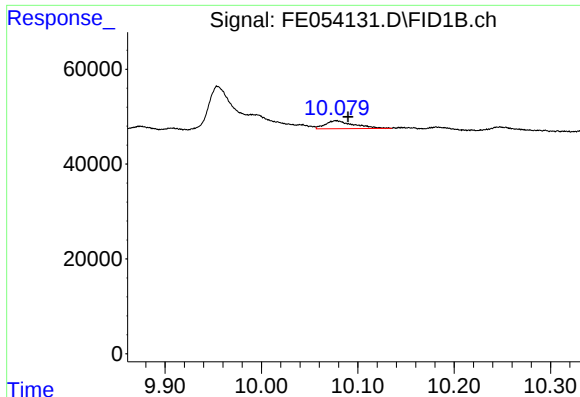
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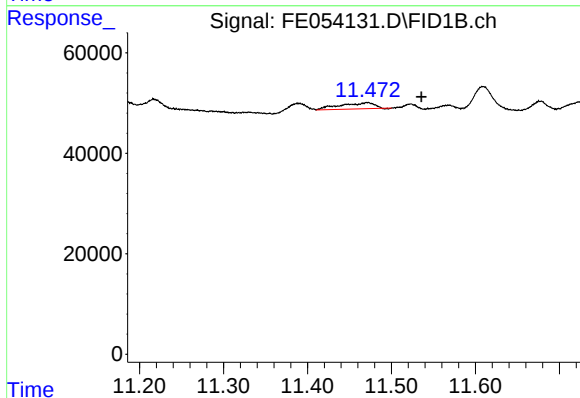




#7 n-Hexadecane (C16)

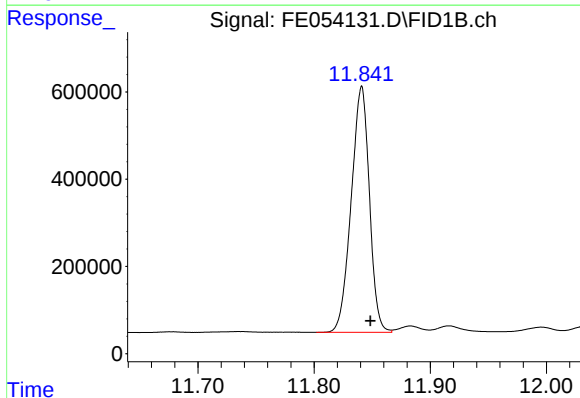
R.T.: 10.078 min
Delta R.T.: -0.012 min
Response: 35012
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-400-CF-402B-64



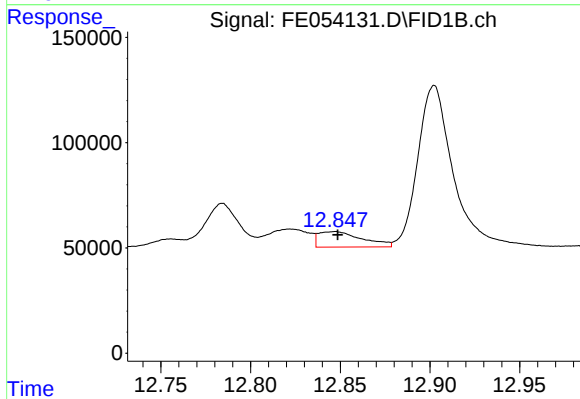
#8 n-Octadecane (C18)

R.T.: 11.471 min
Delta R.T.: -0.064 min
Response: 34329
Conc: 0.25 ug/ml



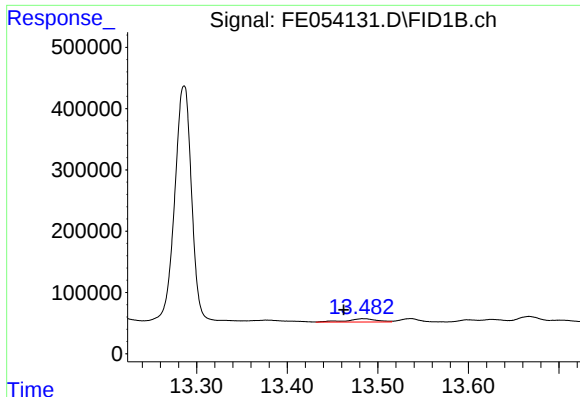
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 6138109
Conc: 37.77 ug/ml



#10 n-Eicosane (C20)

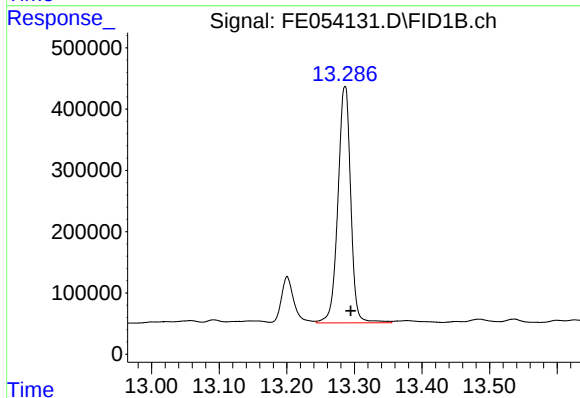
R.T.: 12.846 min
Delta R.T.: -0.002 min
Response: 124694
Conc: 0.95 ug/ml



#11 n-Heneicosane (C21)

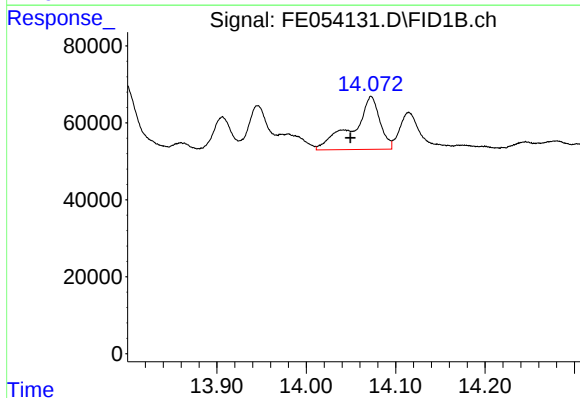
R.T.: 13.484 min
Delta R.T.: 0.022 min
Response: 127149
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-400-CF-402B-64



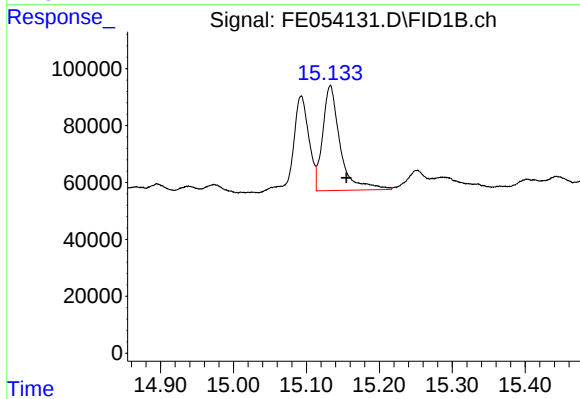
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 5070419
Conc: 42.77 ug/ml



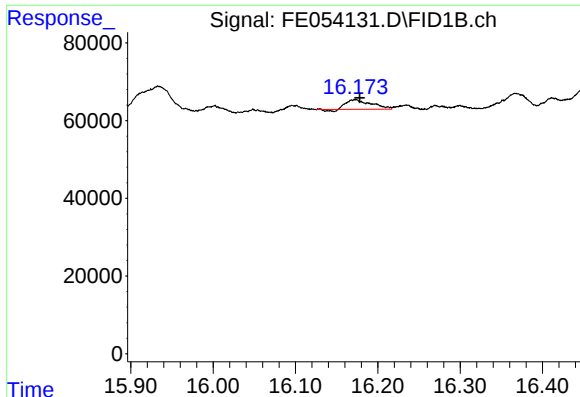
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.023 min
Response: 290717
Conc: 2.28 ug/ml



#14 n-Tetracosane (C24)

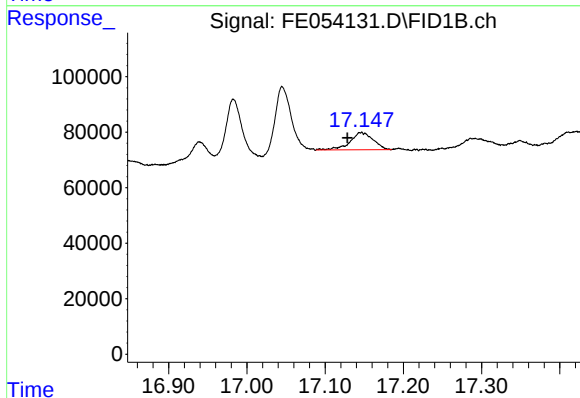
R.T.: 15.133 min
Delta R.T.: -0.022 min
Response: 614540
Conc: 4.91 ug/ml



#15 n-Hexacosane (C26)

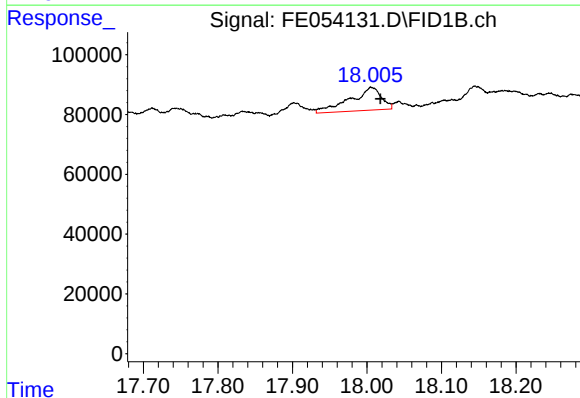
R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 50993
Conc: 0.42 ug/ml

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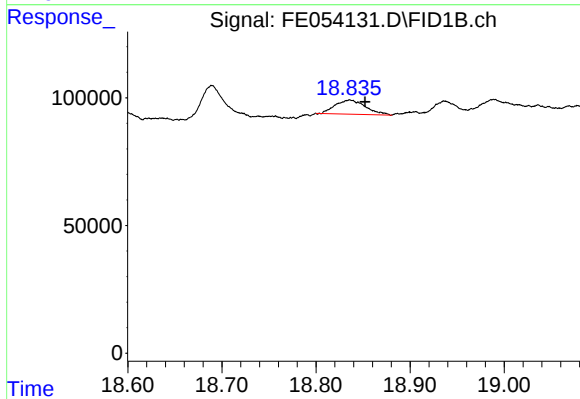
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.018 min
Response: 128489
Conc: 1.06 ug/ml



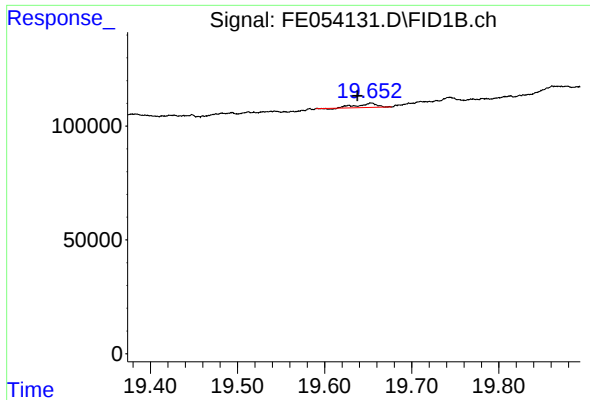
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.012 min
Response: 224160
Conc: 1.80 ug/ml



#18 n-Dotriacontane (C32)

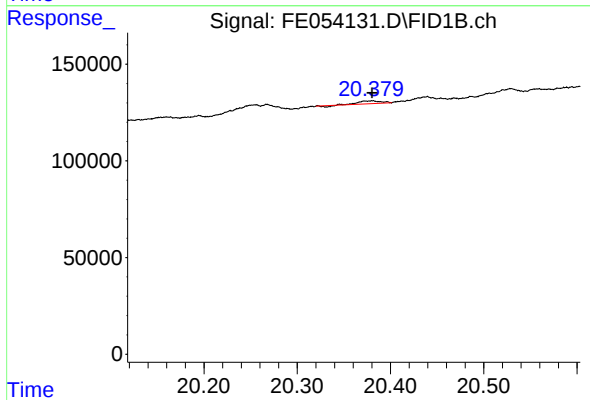
R.T.: 18.836 min
Delta R.T.: -0.016 min
Response: 123912
Conc: 0.99 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.016 min
Response: 28690
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
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#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 22852
Conc: 0.20 ug/ml