

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055285.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 10:18
 Operator : YP\AJ
 Sample : Q2823-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-04-081125DL

Integration File: autoint1.e
 Quant Time: Aug 14 01:20:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.085	1514700	10.607 ug/ml
Spiked Amount 50.000		Recovery =	21.21%
12) S 1-chlorooctadecane (S...	13.522	1597445	14.857 ug/ml
Spiked Amount 50.000		Recovery =	29.71%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.401	150411	1.121 ug/ml
5) T A~2-methylnaphthalene...	7.501	263238	2.019 ug/ml
6) T n-Tetradecane (C14)	8.652	120986	0.987 ug/ml
7) T n-Hexadecane (C16)	10.330	197174	1.542 ug/ml
10) T n-Eicosane (C20)	13.068	189917	1.514 ug/ml
11) T n-Heneicosane (C21)	13.717	158513	1.286 ug/ml
13) T n-Docosane (C22)	14.277	109791	0.899 ug/ml
14) T n-Tetracosane (C24)	15.377	895033	7.358 ug/ml
16) T n-Octacosane (C28)	17.383	314260	2.649 ug/ml
17) T n-Tricontane (C30)	18.250	263384	2.140 ug/ml
18) T n-Dotriacontane (C32)	19.082	218548	1.791 ug/ml
19) T n-Tetratriacontane (C34)	19.870	78067	0.668 ug/ml

(f)=RT Delta > 1/2 Window

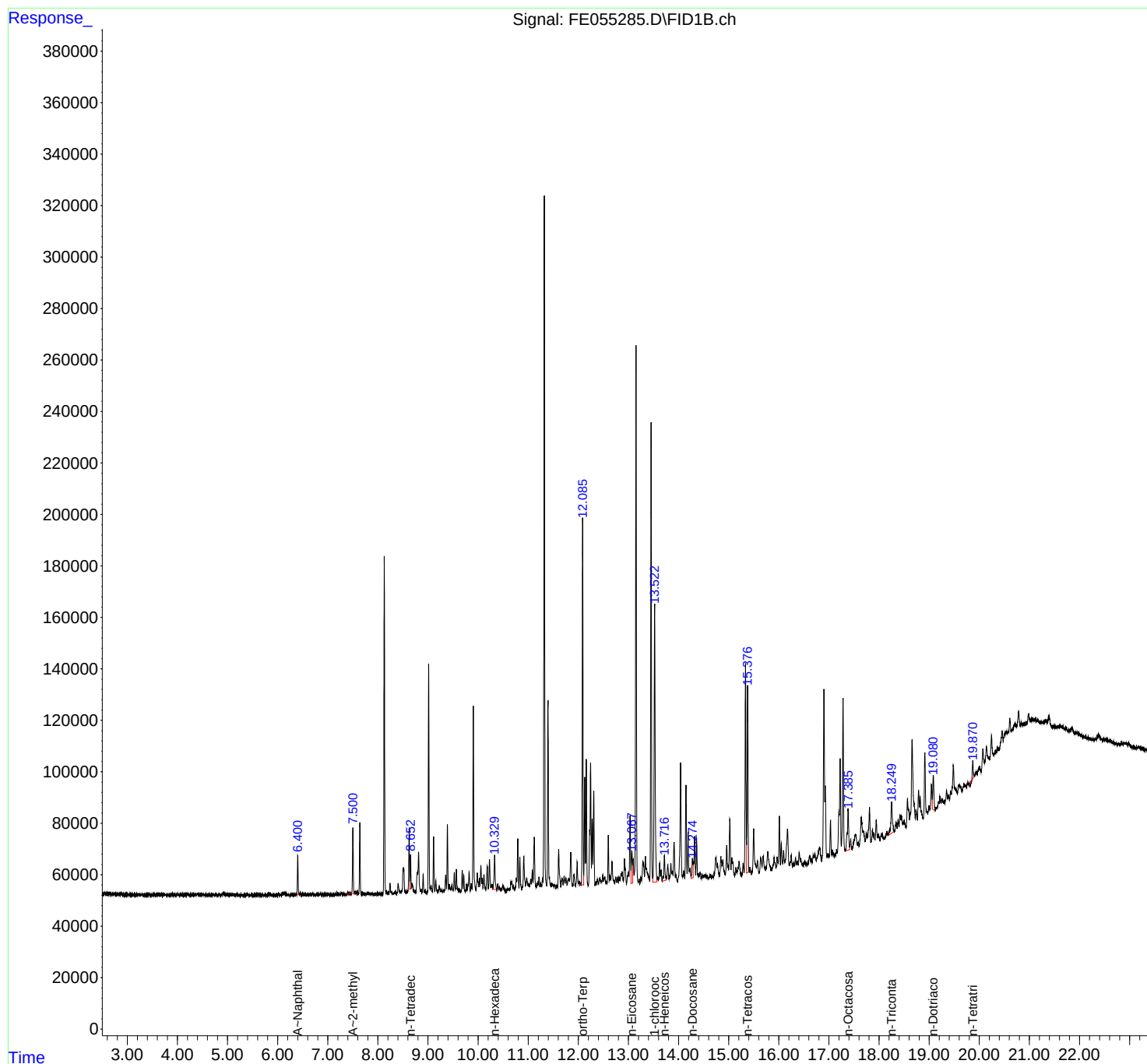
(m)=manual int.

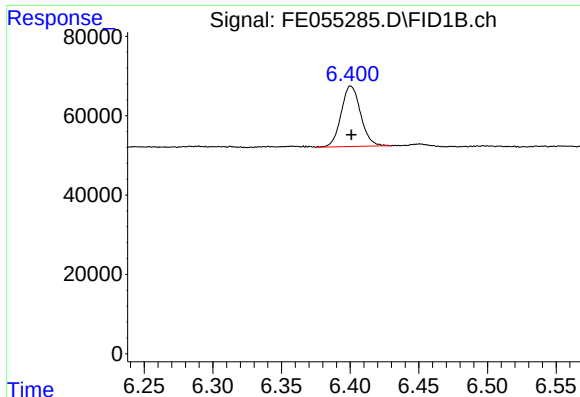
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

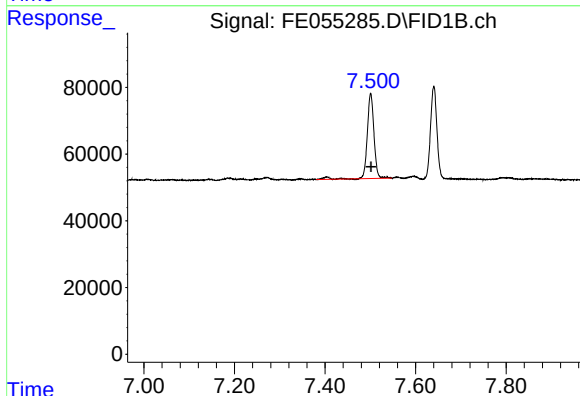




#3 A~Naphthalene (C11.7)

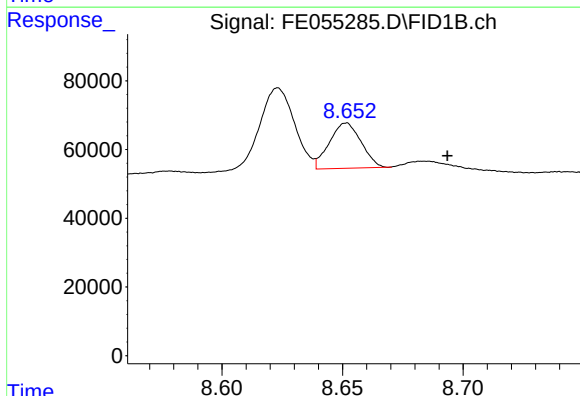
R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 150411
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-04-081125DL



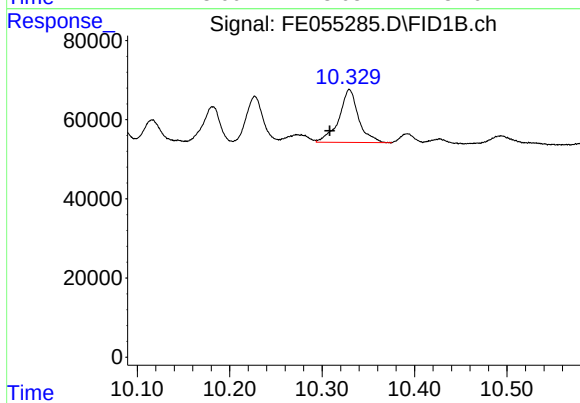
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 263238
Conc: 2.02 ug/ml



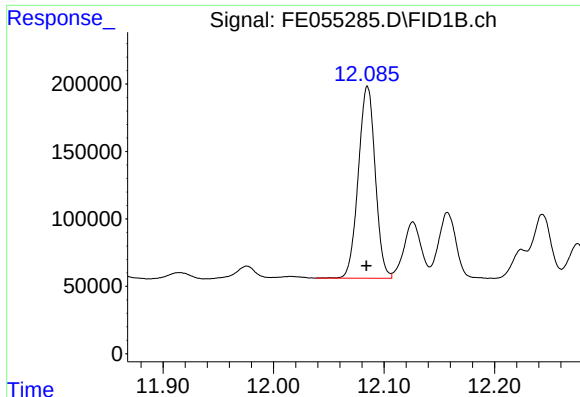
#6 n-Tetradecane (C14)

R.T.: 8.652 min
Delta R.T.: -0.042 min
Response: 120986
Conc: 0.99 ug/ml



#7 n-Hexadecane (C16)

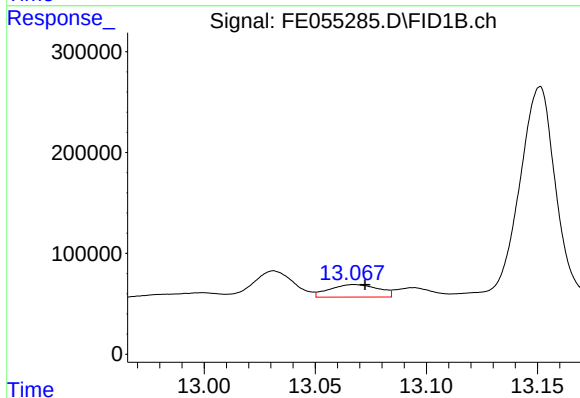
R.T.: 10.330 min
Delta R.T.: 0.021 min
Response: 197174
Conc: 1.54 ug/ml



#9 ortho-Terphenyl (SURR)

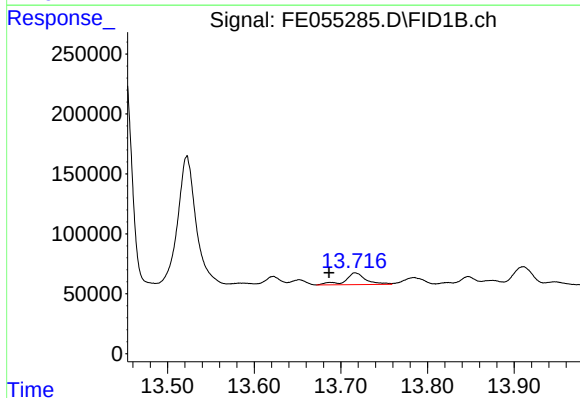
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 1514700
Conc: 10.61 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-04-081125DL



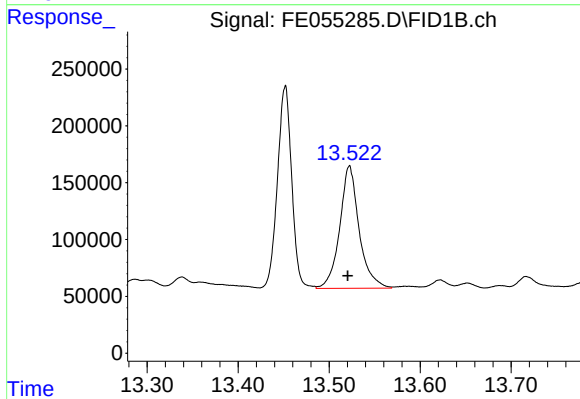
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 189917
Conc: 1.51 ug/ml



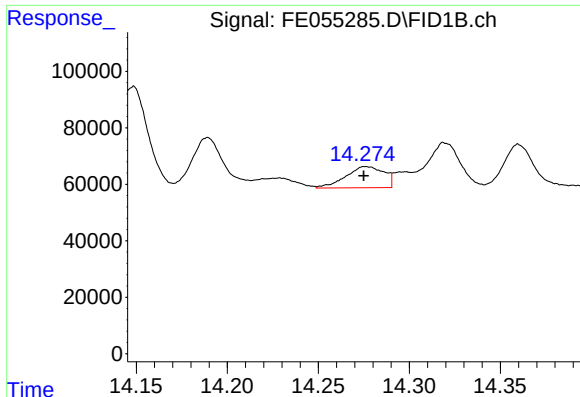
#11 n-Heneicosane (C21)

R.T.: 13.717 min
Delta R.T.: 0.031 min
Response: 158513
Conc: 1.29 ug/ml



#12 1-chlorooctadecane (SURR)

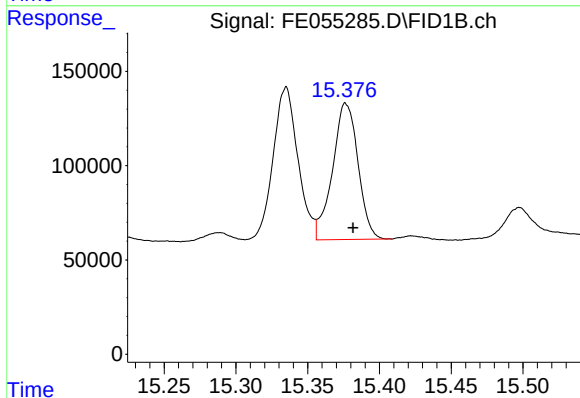
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 1597445
Conc: 14.86 ug/ml



#13 n-Docosane (C22)

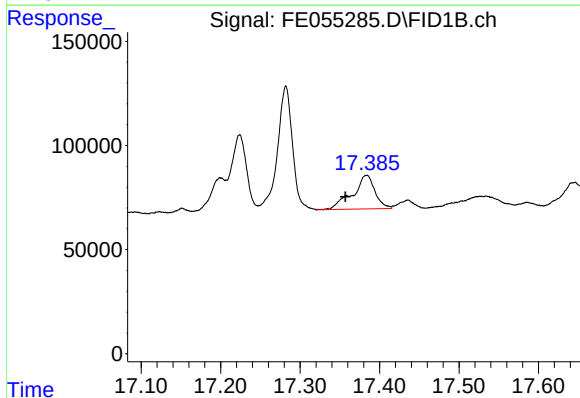
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 109791
Conc: 0.90 ug/ml

Instrument :
FID_E
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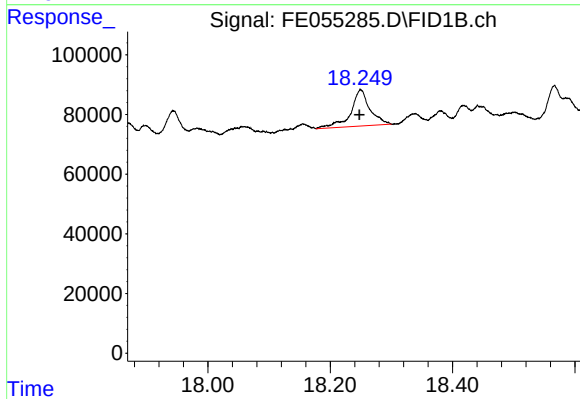
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 895033
Conc: 7.36 ug/ml



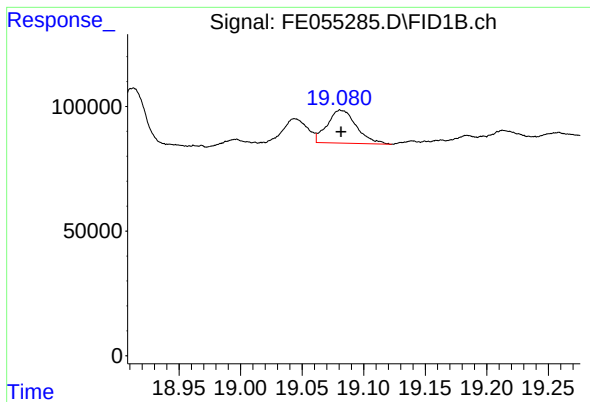
#16 n-Octacosane (C28)

R.T.: 17.383 min
Delta R.T.: 0.026 min
Response: 314260
Conc: 2.65 ug/ml



#17 n-Tricontane (C30)

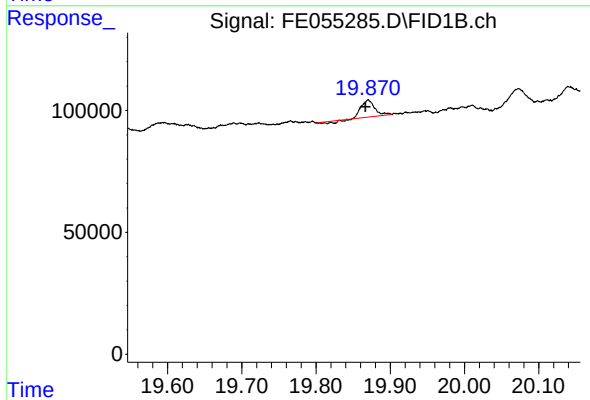
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 263384
Conc: 2.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 218548
Conc: 1.79 ug/ml

Instrument :
FID_E
ClientSampleId :
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#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 78067
Conc: 0.67 ug/ml