

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055413.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 16:05
 Operator : YP\AJ
 Sample : Q2868-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:20:00 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)	12.096	6823448	47.782 ug/ml
Spiked Amount 50.000		Recovery =	95.56%
12) S 1-chlorooctadecane (S...	13.514	78649362	731.458 ug/ml
Spiked Amount 50.000		Recovery =	1462.92%
Target Compounds			
1) T n-Nonane (C9)	3.431	4830716	42.090 ug/ml
2) T n-Decane (C10)	4.684	5070375	43.524 ug/ml
3) T A~Naphthalene (C11.7)	6.402	6933152	51.651 ug/ml
4) T n-Dodecane (C12)	6.856	5476211	45.987 ug/ml
5) T A~2-methylnaphthalene...	7.503	6448797	49.460 ug/ml
6) T n-Tetradecane (C14)	8.694	5995310	48.897 ug/ml
7) T n-Hexadecane (C16)	10.310	6336268	49.562 ug/ml
8) T n-Octadecane (C18)	11.764	6492574	49.761 ug/ml
10) T n-Eicosane (C20)	13.092	9926338	79.112 ug/ml
11) T n-Heneicosane (C21)	13.694	9130716	74.072 ug/ml
13) T n-Docosane (C22)	14.281	9833088	80.520 ug/ml
14) T n-Tetracosane (C24)	15.388	49180219	404.331 ug/ml
15) T n-Hexacosane (C26)	16.417	9476290	79.203 ug/ml
16) T n-Octacosane (C28)	17.365	39696274	334.640 ug/ml
17) T n-Tricontane (C30)	18.260	7612988	61.870 ug/ml
18) T n-Dotriacontane (C32)	19.094	13793886	113.054 ug/ml
19) T n-Tetratriacontane (C34)	19.880	5992024	51.249 ug/ml
20) T n-Hexatriacontane (C36)	20.618	6583262	60.232 ug/ml
21) T n-Octatriacontane (C38)	21.403	7257647	67.156 ug/ml
22) T n-Tetracontane (C40)	22.398	9882971	94.507 ug/ml

(f)=RT Delta > 1/2 Window

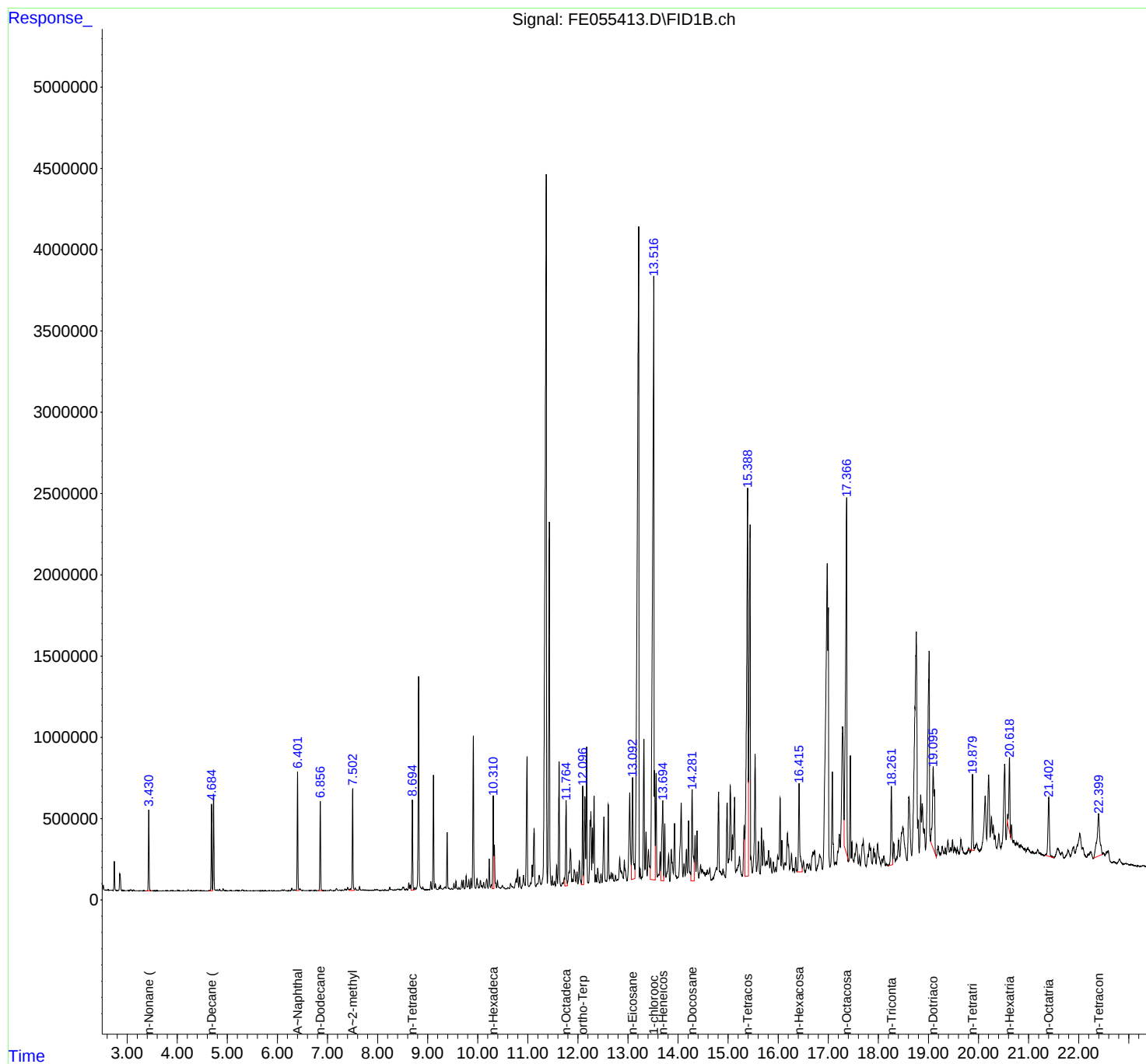
(m)=manual int.

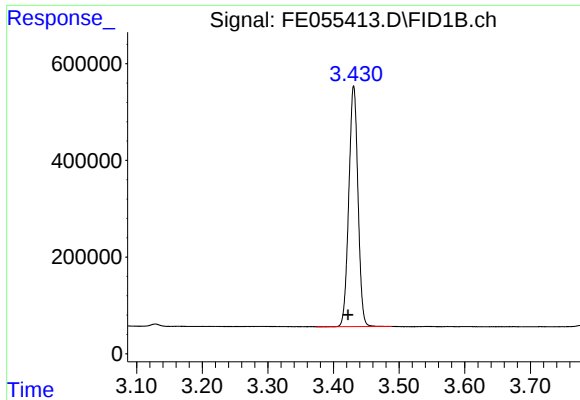
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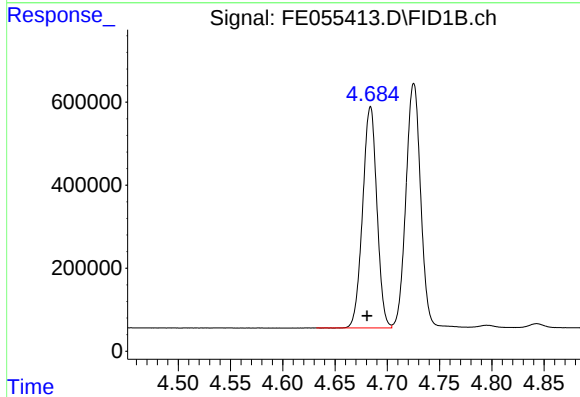




#1 n-Nonane (C9)

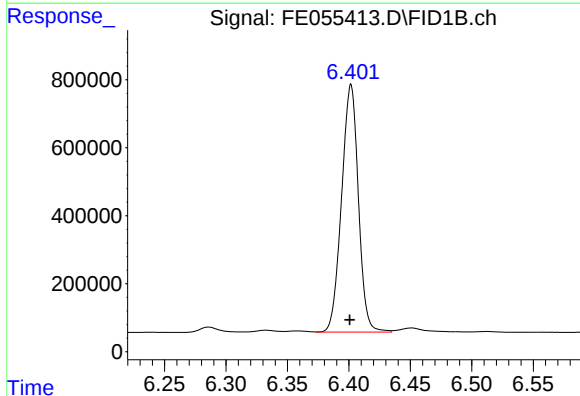
R.T.: 3.431 min
Delta R.T.: 0.009 min
Response: 4830716
Conc: 42.09 ug/ml

Instrument :
FID_E
ClientSampleId :



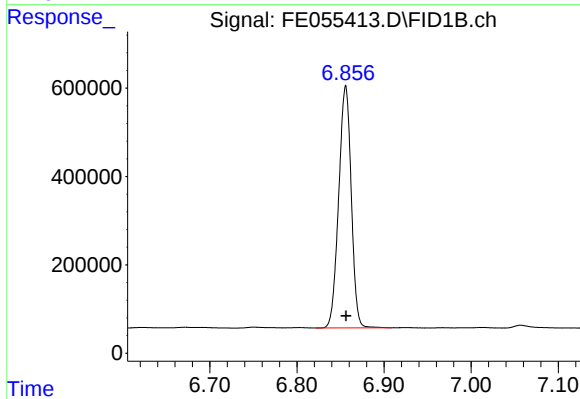
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.003 min
Response: 5070375
Conc: 43.52 ug/ml



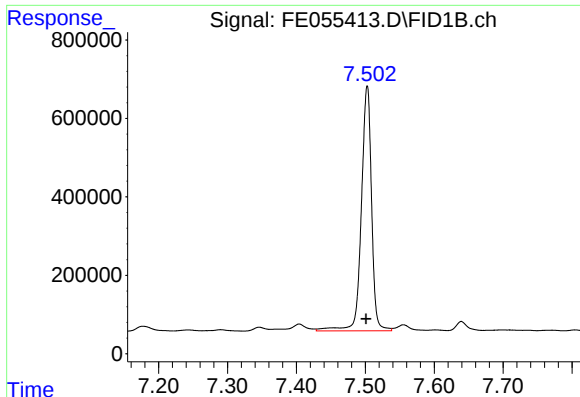
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 6933152
Conc: 51.65 ug/ml



#4 n-Dodecane (C12)

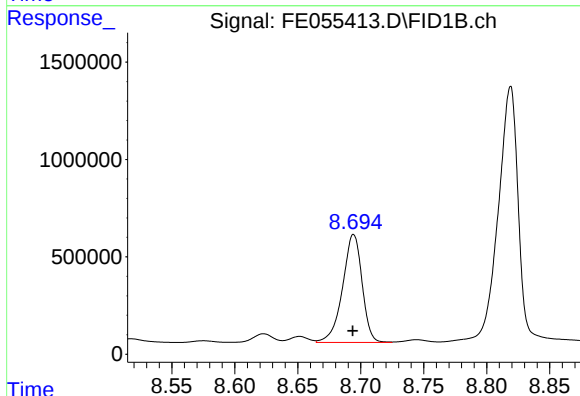
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5476211
Conc: 45.99 ug/ml



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

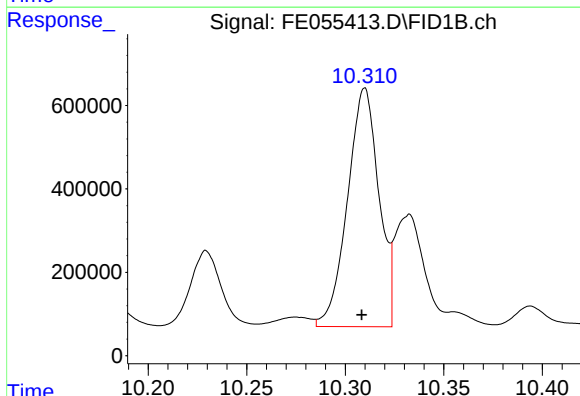
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 6448797
Conc: 49.46 ug/ml

Instrument :
FID_E
ClientSampleId :



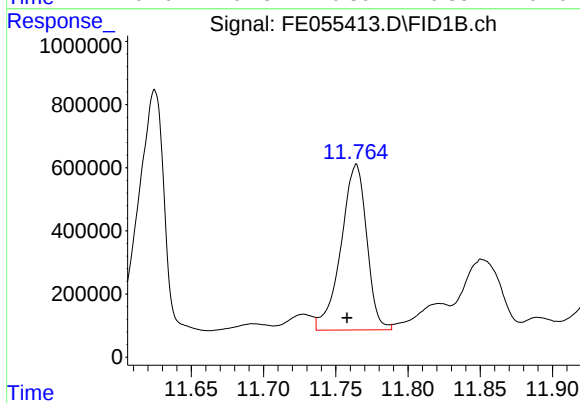
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 5995310
Conc: 48.90 ug/ml



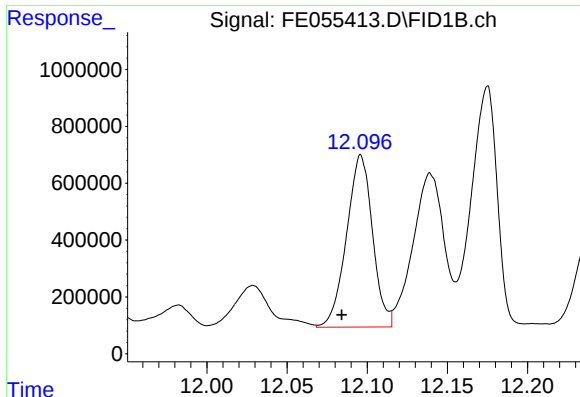
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.001 min
Response: 6336268
Conc: 49.56 ug/ml



#8 n-Octadecane (C18)

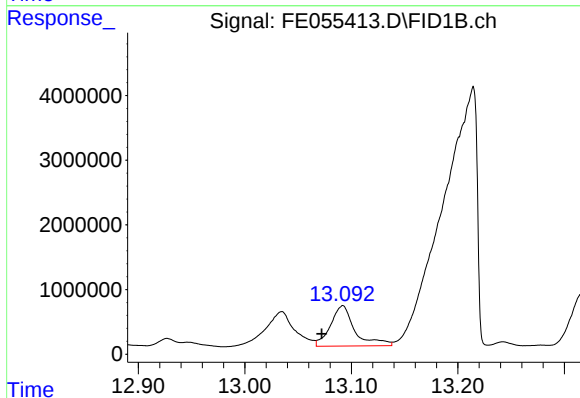
R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 6492574
Conc: 49.76 ug/ml



#9 ortho-Terphenyl (SURR)

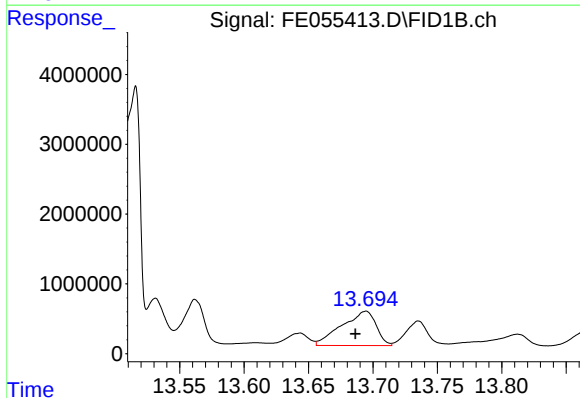
R.T.: 12.096 min
Delta R.T.: 0.012 min
Response: 6823448
Conc: 47.78 ug/ml

Instrument :
FID_E
ClientSampleId :



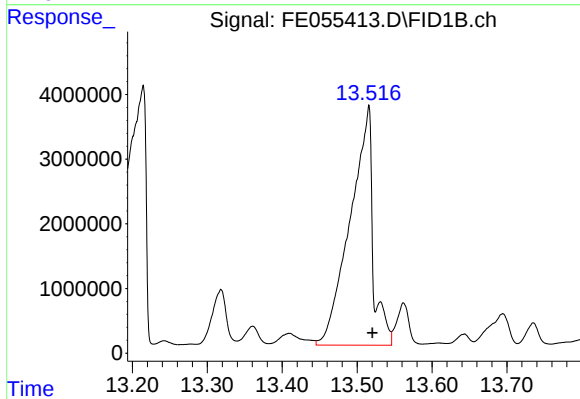
#10 n-Eicosane (C20)

R.T.: 13.092 min
Delta R.T.: 0.019 min
Response: 9926338
Conc: 79.11 ug/ml



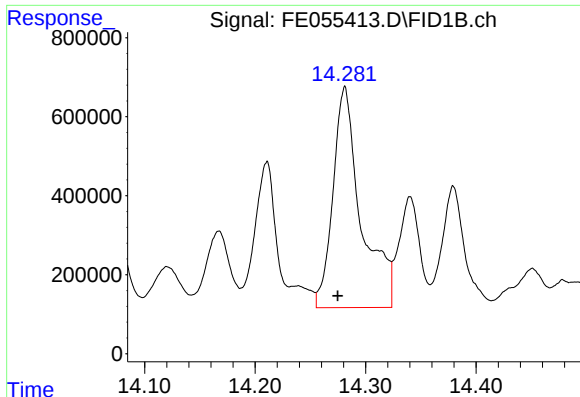
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.008 min
Response: 9130716
Conc: 74.07 ug/ml



#12 1-chlorooctadecane (SURR)

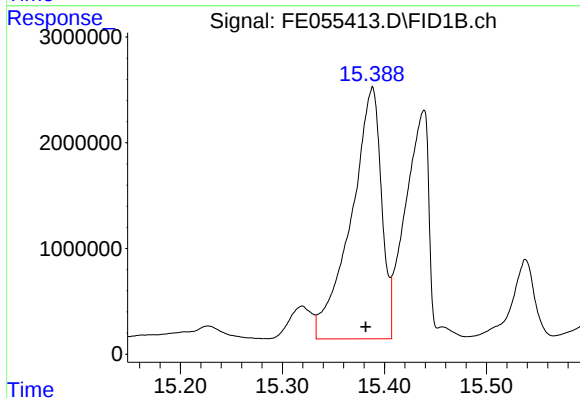
R.T.: 13.514 min
Delta R.T.: -0.007 min
Response: 78649362
Conc: 731.46 ug/ml



#13 n-Docosane (C22)

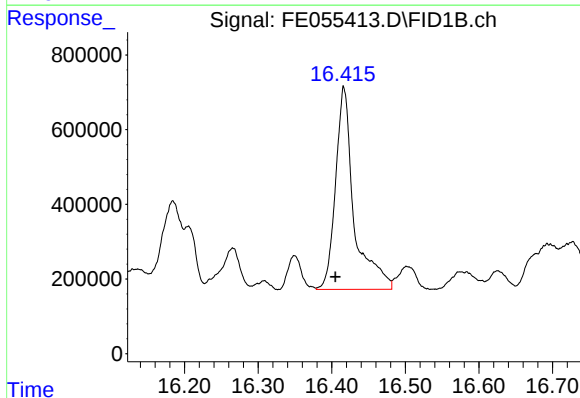
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 9833088
Conc: 80.52 ug/ml

Instrument :
FID_E
ClientSampleId :



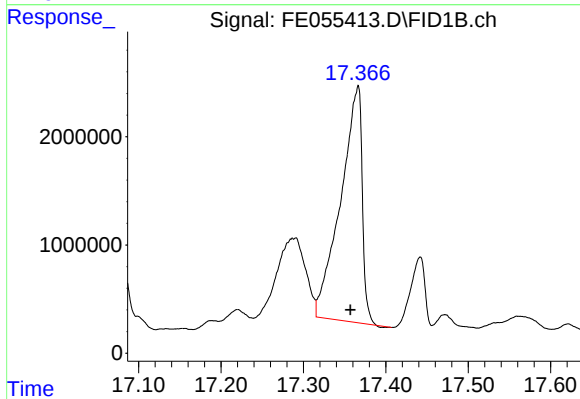
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 49180219
Conc: 404.33 ug/ml



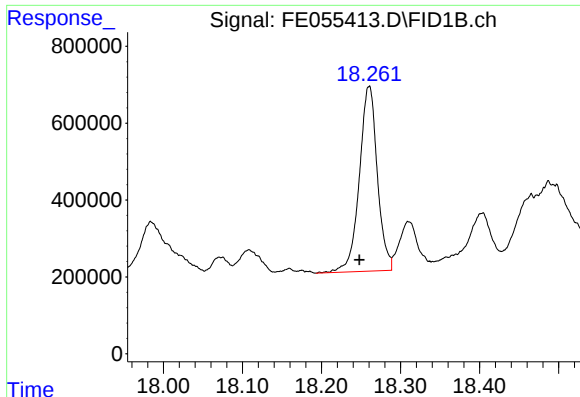
#15 n-Hexacosane (C26)

R.T.: 16.417 min
Delta R.T.: 0.012 min
Response: 9476290
Conc: 79.20 ug/ml



#16 n-Octacosane (C28)

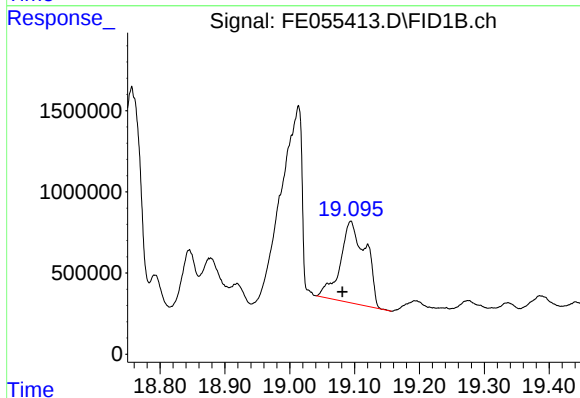
R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 39696274
Conc: 334.64 ug/ml



#17 n-Tricontane (C30)

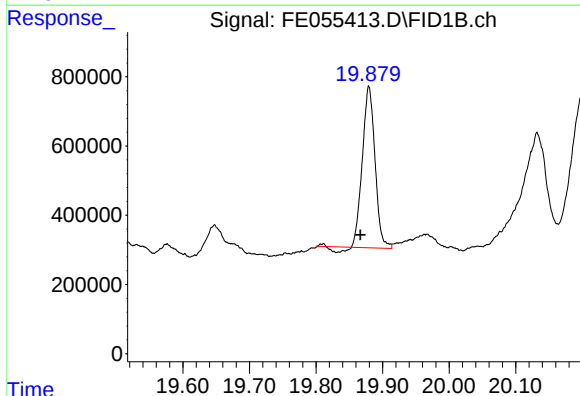
R.T.: 18.260 min
Delta R.T.: 0.012 min
Response: 7612988
Conc: 61.87 ug/ml

Instrument :
FID_E
ClientSampleId :



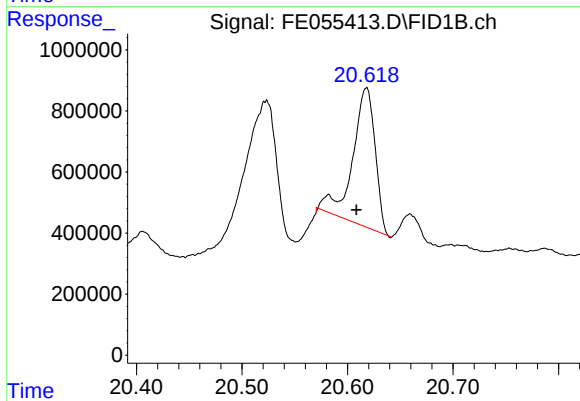
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.012 min
Response: 13793886
Conc: 113.05 ug/ml



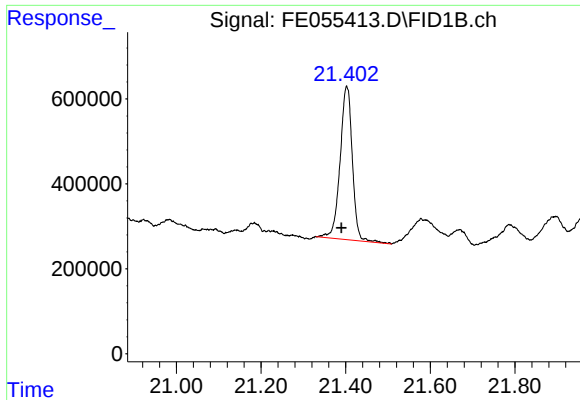
#19 n-Tetratriacontane (C34)

R.T.: 19.880 min
Delta R.T.: 0.013 min
Response: 5992024
Conc: 51.25 ug/ml



#20 n-Hexatriacontane (C36)

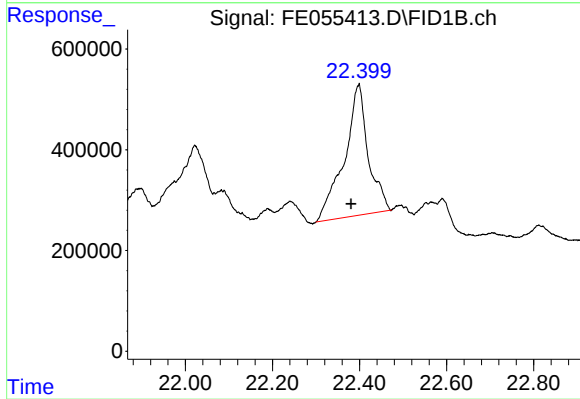
R.T.: 20.618 min
Delta R.T.: 0.009 min
Response: 6583262
Conc: 60.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.403 min
Delta R.T.: 0.013 min
Response: 7257647
Conc: 67.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.398 min
Delta R.T.: 0.017 min
Response: 9882971
Conc: 94.51 ug/ml