

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057319.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 19:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 00:19:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.929	4589818	20.916 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	13.366	3468210	20.839 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.288	3932679	20.105 ug/ml
2) T n-Decane (C10)	4.541	4209789	20.814 ug/ml
3) T A~Naphthalene (C11.7)	6.259	4219169	20.957 ug/ml
4) T n-Dodecane (C12)	6.713	4315165	21.143 ug/ml
5) T A~2-methylnaphthalene...	7.359	3970641	20.664 ug/ml
6) T n-Tetradecane (C14)	8.547	4235393	21.042 ug/ml
7) T n-Hexadecane (C16)	10.158	4300562	20.971 ug/ml
8) T n-Octadecane (C18)	11.605	4309437	20.908 ug/ml
10) T n-Eicosane (C20)	12.919	4081676	20.750 ug/ml
11) T n-Heneicosane (C21)	13.532	3985838	20.746 ug/ml
13) T n-Docosane (C22)	14.120	3957268	20.500 ug/ml
14) T n-Tetracosane (C24)	15.225	3918263	19.784 ug/ml
15) T n-Hexacosane (C26)	16.248	3853911	19.426 ug/ml
16) T n-Octacosane (C28)	17.201	3913249	19.043 ug/ml
17) T n-Tricontane (C30)	18.090	4193803	18.687 ug/ml
18) T n-Dotriacontane (C32)	18.925	4340210	18.593 ug/ml
19) T n-Tetratriacontane (C34)	19.712	4167513	19.512 ug/ml
20) T n-Hexatriacontane (C36)	20.453	3767538	20.241 ug/ml
21) T n-Octatriacontane (C38)	21.198	3425736	19.767 ug/ml
22) T n-Tetracontane (C40)	22.125	3300901	19.588 ug/ml

(f)=RT Delta > 1/2 Window

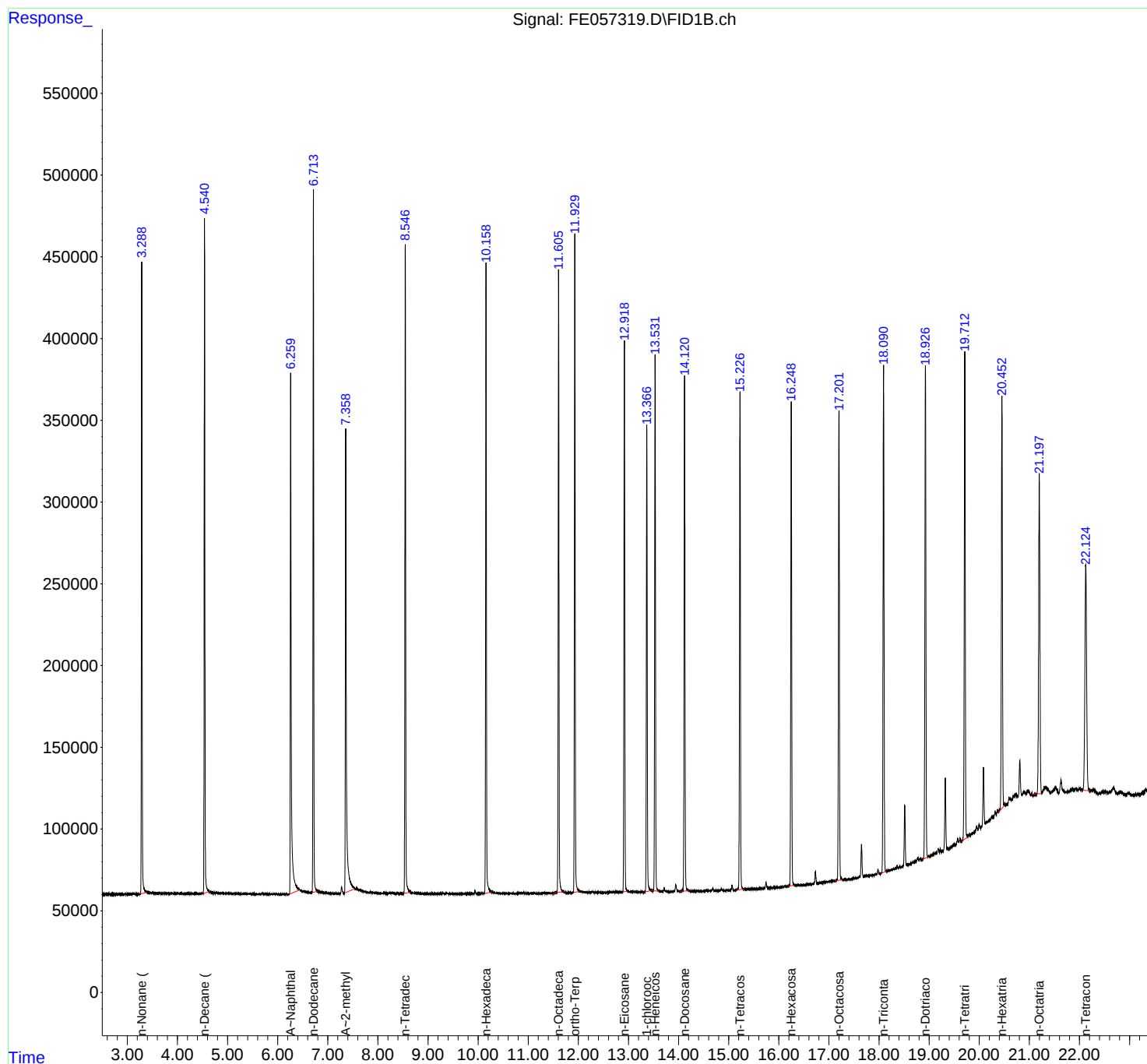
(m)=manual int.

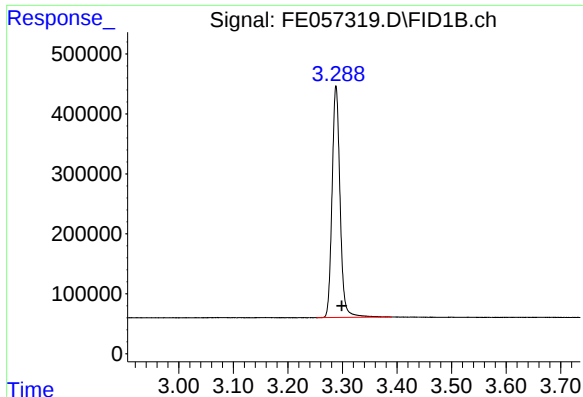
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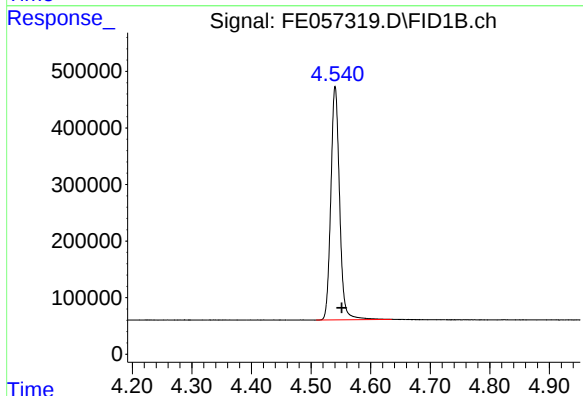




#1 n-Nonane (C9)

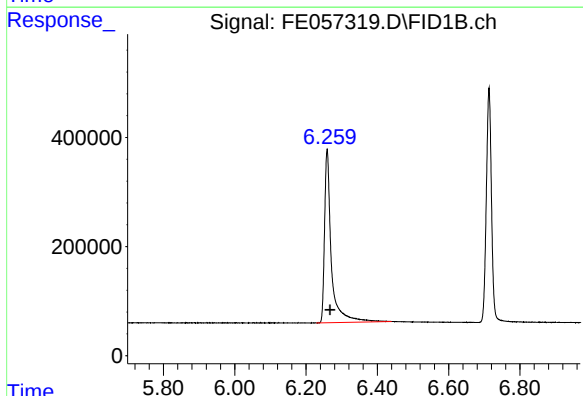
R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 3932679
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :



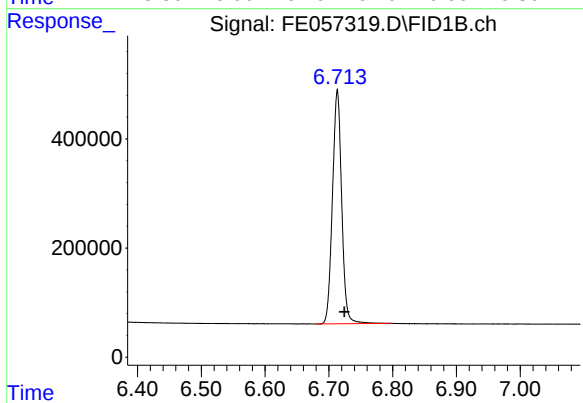
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 4209789
Conc: 20.81 ug/ml



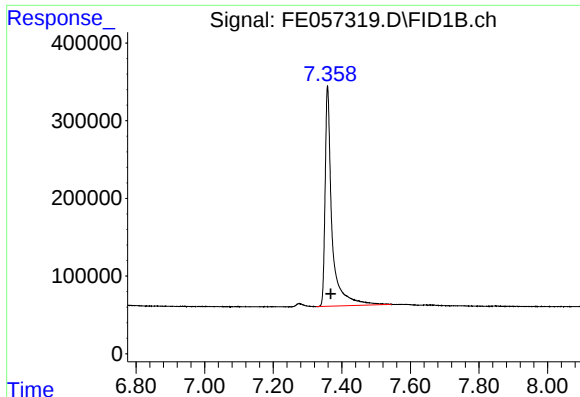
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 4219169
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

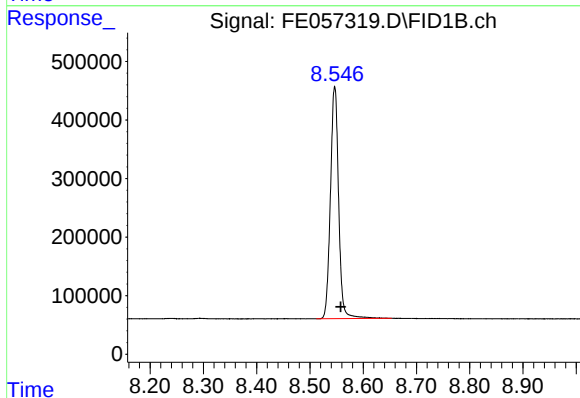
R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4315165
Conc: 21.14 ug/ml



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

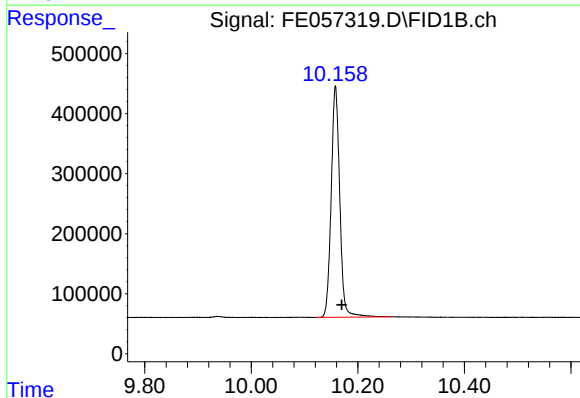
R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 3970641
Conc: 20.66 ug/ml

Instrument :
FID_E
ClientSampleId :



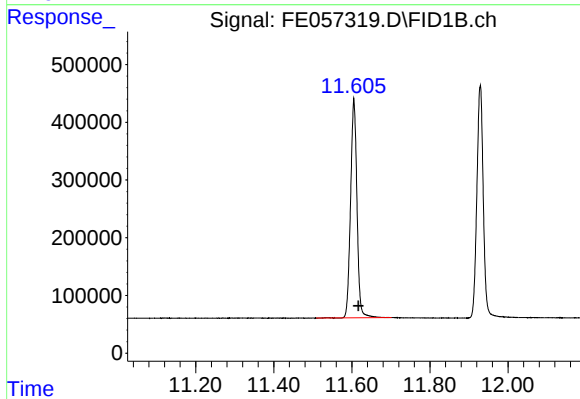
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.011 min
Response: 4235393
Conc: 21.04 ug/ml



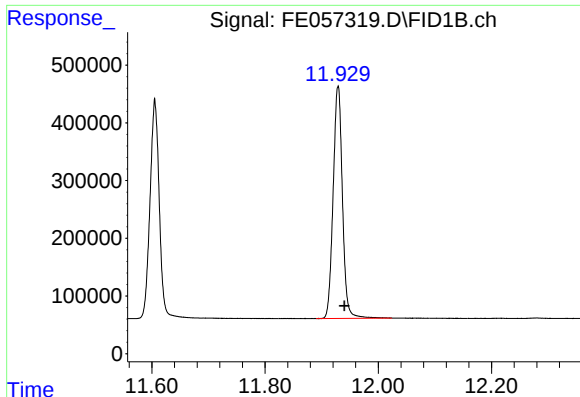
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 4300562
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

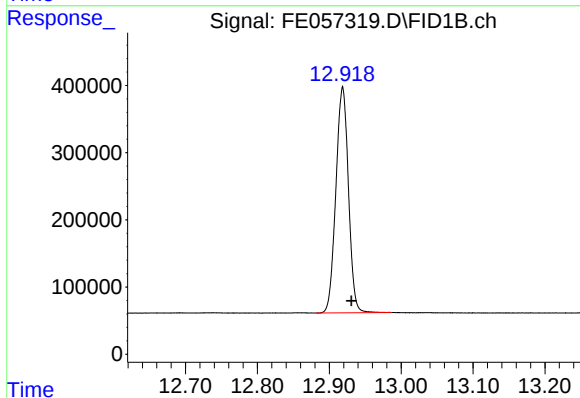
R.T.: 11.605 min
Delta R.T.: -0.012 min
Response: 4309437
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

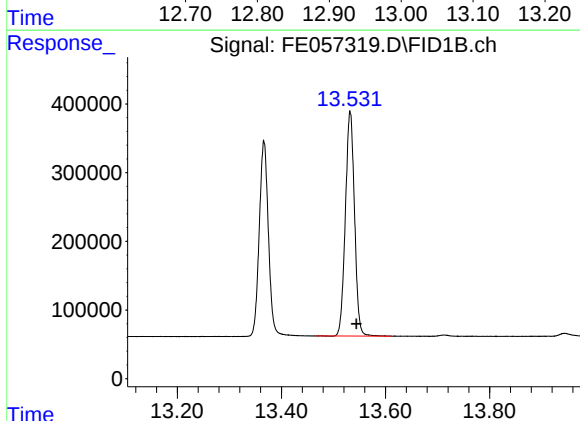
R.T.: 11.929 min
Delta R.T.: -0.011 min
Response: 4589818
Conc: 20.92 ug/ml

Instrument :
FID_E
ClientSampleId :



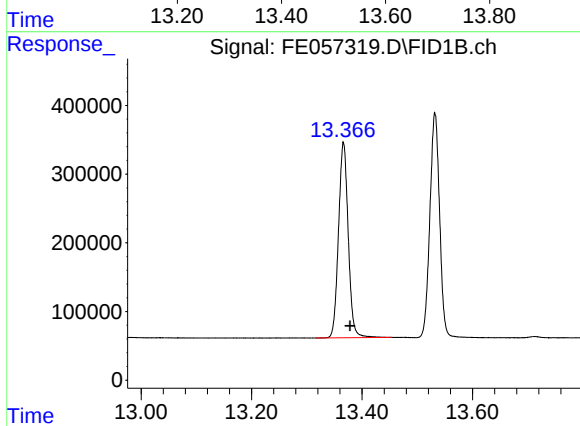
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.012 min
Response: 4081676
Conc: 20.75 ug/ml



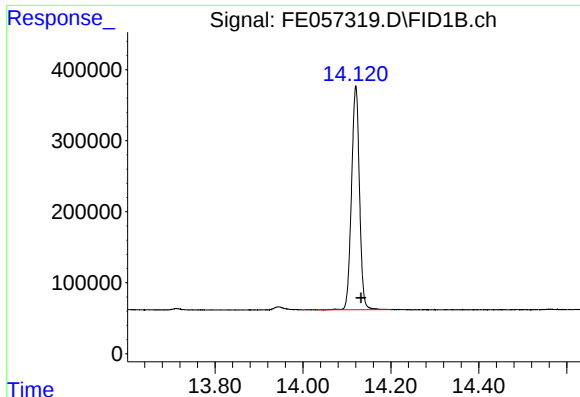
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.012 min
Response: 3985838
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

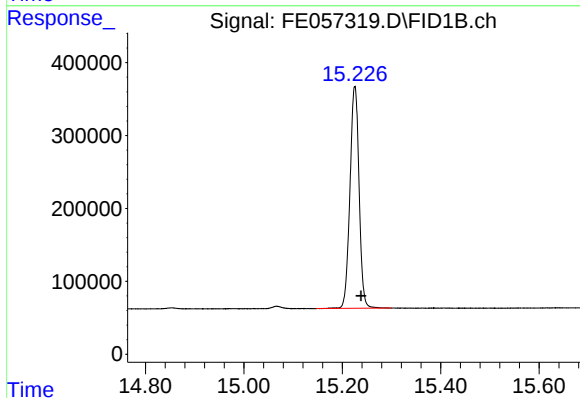
R.T.: 13.366 min
Delta R.T.: -0.012 min
Response: 3468210
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

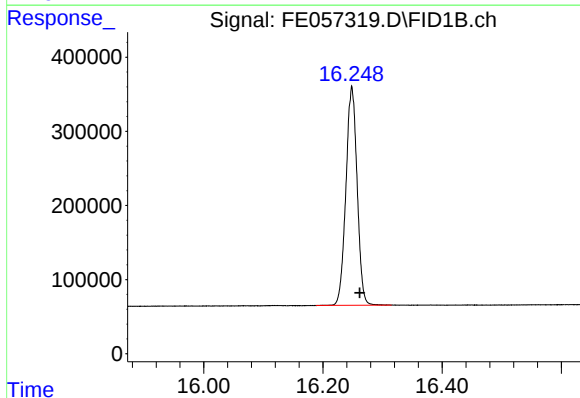
R.T.: 14.120 min
Delta R.T.: -0.012 min
Response: 3957268
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :



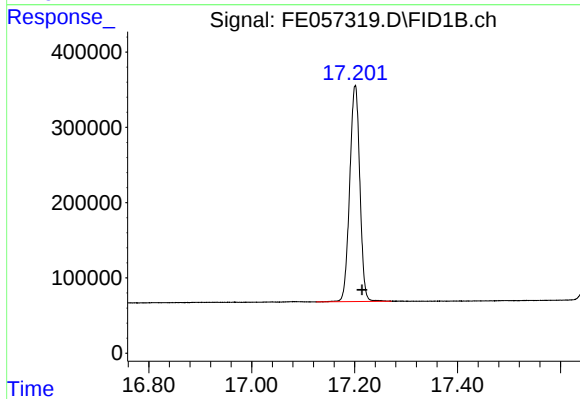
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.013 min
Response: 3918263
Conc: 19.78 ug/ml



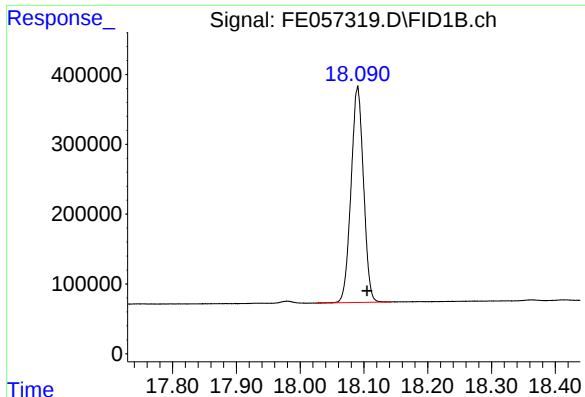
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.013 min
Response: 3853911
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

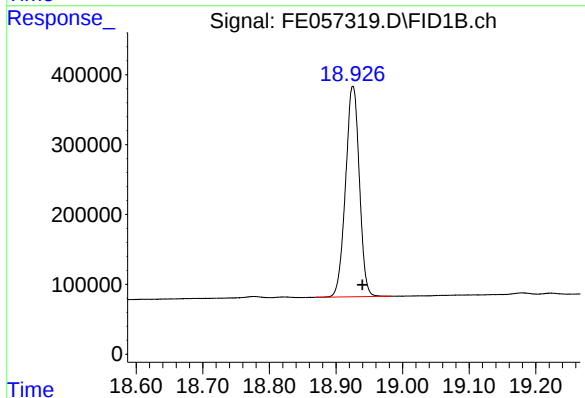
R.T.: 17.201 min
Delta R.T.: -0.013 min
Response: 3913249
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

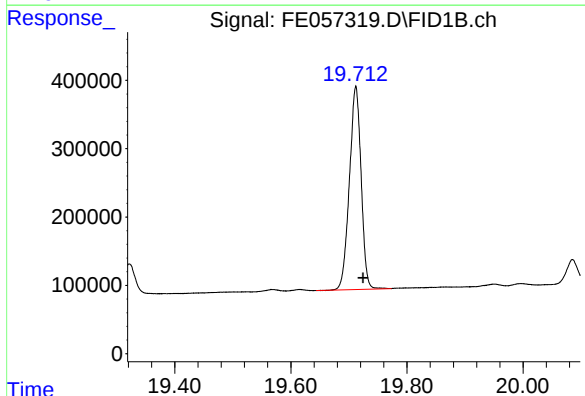
R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 4193803
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :



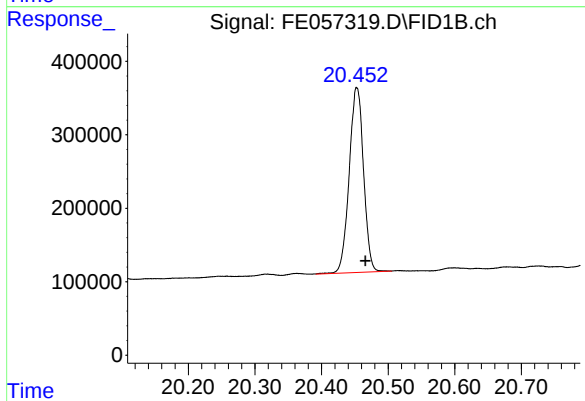
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.014 min
Response: 4340210
Conc: 18.59 ug/ml



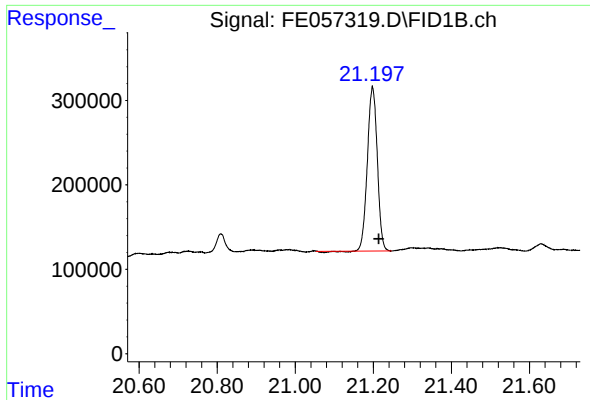
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.013 min
Response: 4167513
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

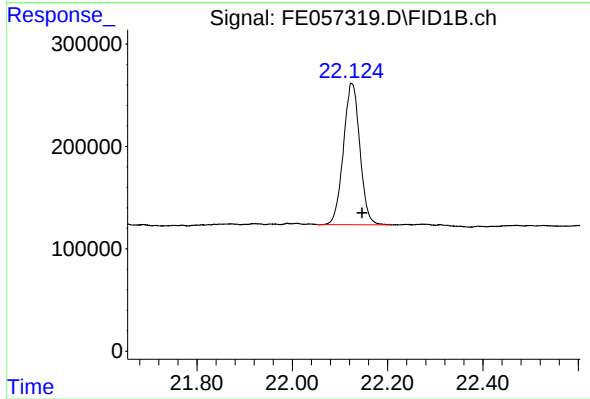
R.T.: 20.453 min
Delta R.T.: -0.013 min
Response: 3767538
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.016 min
Response: 3425736
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.021 min
Response: 3300901
Conc: 19.59 ug/ml