

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056550.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 21:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 29 01:46:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.982	3396953	16.628 ug/ml
Spiked Amount 50.000		Recovery =	33.26%
12) S 1-chlorooctadecane (S...	13.422	2549110	16.707 ug/ml
Spiked Amount 50.000		Recovery =	33.41%
Target Compounds			
1) T n-Nonane (C9)	3.338	2779563	17.053 ug/ml
2) T n-Decane (C10)	4.591	3092826	18.807 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3157143	17.859 ug/ml
4) T n-Dodecane (C12)	6.764	3163553	18.855 ug/ml
5) T A~2-methylnaphthalene...	7.404	2989017	17.939 ug/ml
6) T n-Tetradecane (C14)	8.599	3084632	18.567 ug/ml
7) T n-Hexadecane (C16)	10.213	3152963	18.021 ug/ml
8) T n-Octadecane (C18)	11.660	3166245	17.358 ug/ml
10) T n-Eicosane (C20)	12.974	3003951	16.871 ug/ml
11) T n-Heneicosane (C21)	13.588	2920507	16.646 ug/ml
13) T n-Docosane (C22)	14.176	2903263	16.401 ug/ml
14) T n-Tetracosane (C24)	15.283	2896979	15.923 ug/ml
15) T n-Hexacosane (C26)	16.307	2885213	16.073 ug/ml
16) T n-Octacosane (C28)	17.260	2908544	16.350 ug/ml
17) T n-Tricontane (C30)	18.149	3078682	16.957 ug/ml
18) T n-Dotriacontane (C32)	18.983	3105574	17.615 ug/ml
19) T n-Tetratriacontane (C34)	19.769	2825027	18.250 ug/ml
20) T n-Hexatriacontane (C36)	20.509	2406044	19.259 ug/ml
21) T n-Octatriacontane (C38)	21.266	2205327	21.108 ug/ml

(f)=RT Delta > 1/2 Window

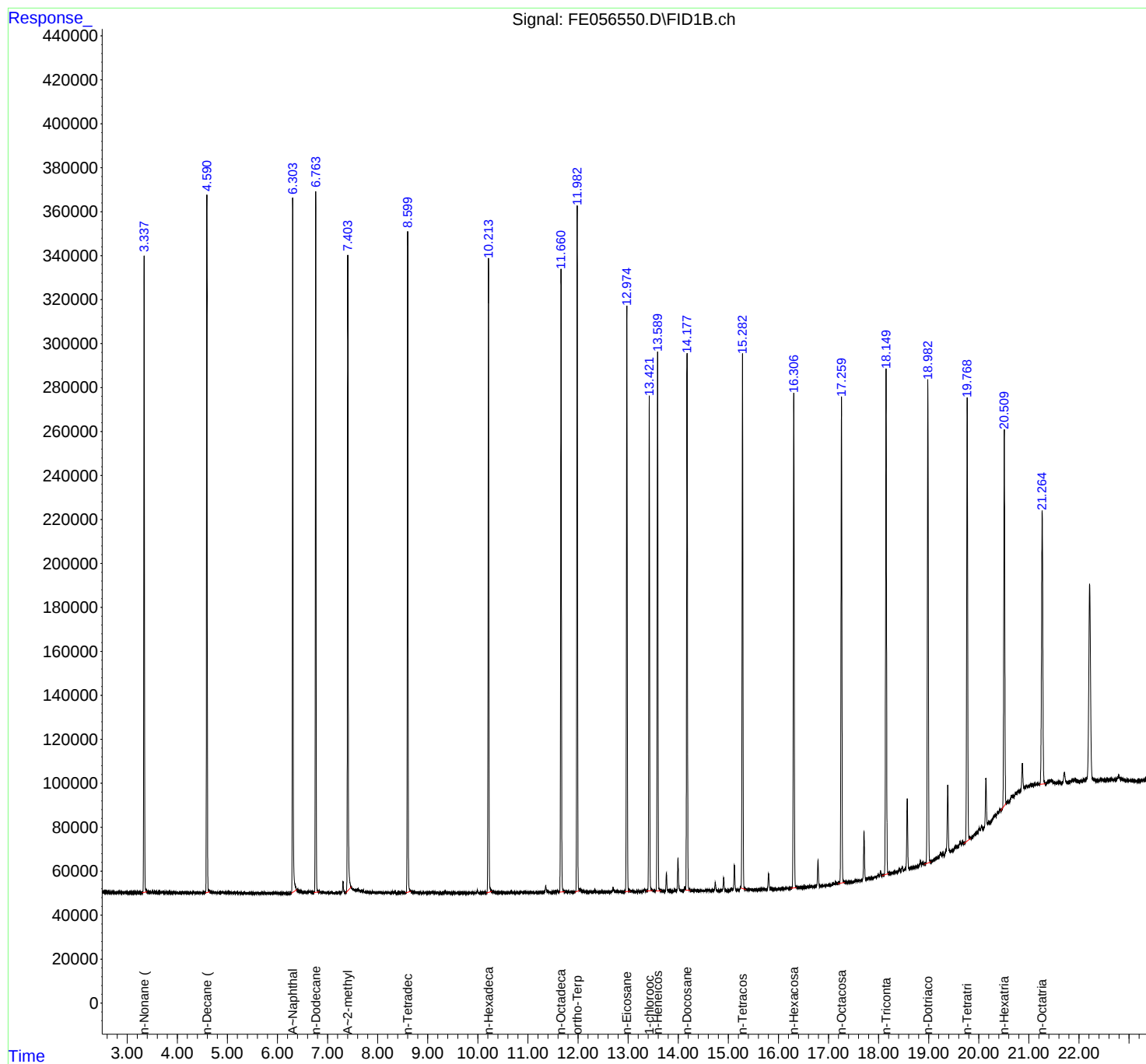
(m)=manual int.

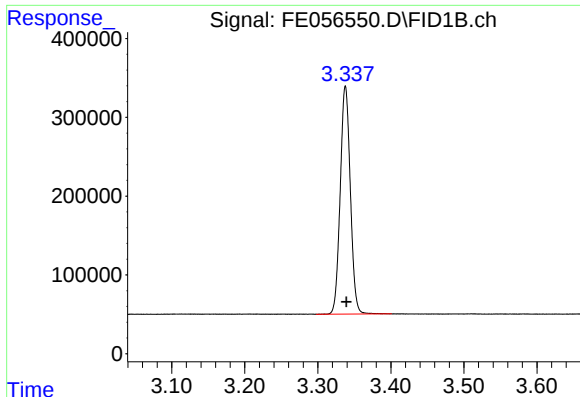
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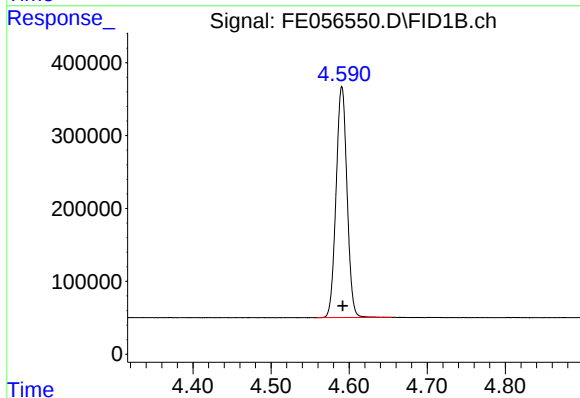




#1 n-Nonane (C9)

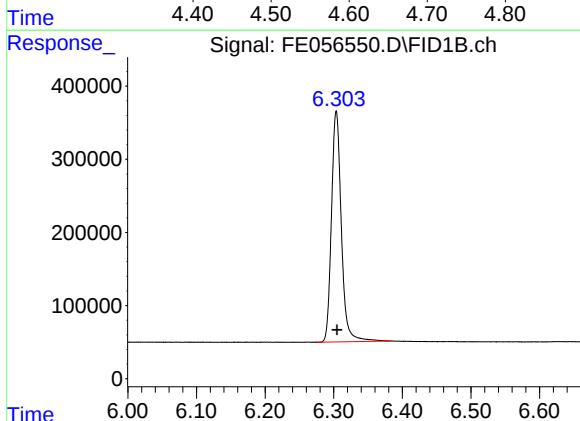
R.T.: 3.338 min
Delta R.T.: -0.001 min
Response: 2779563
Conc: 17.05 ug/ml

Instrument :
FID_E
ClientSampleId :



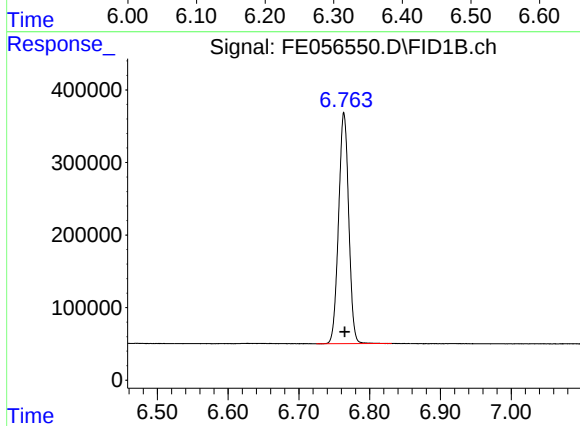
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.001 min
Response: 3092826
Conc: 18.81 ug/ml



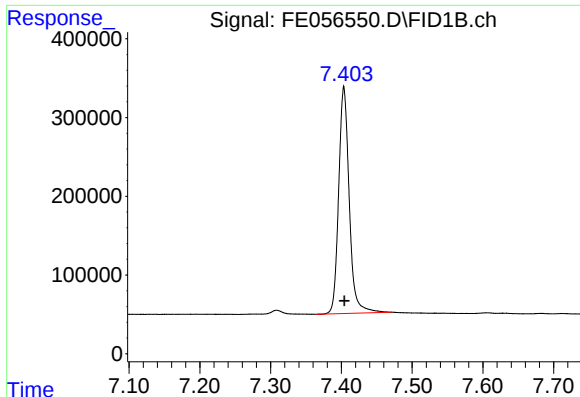
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 3157143
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

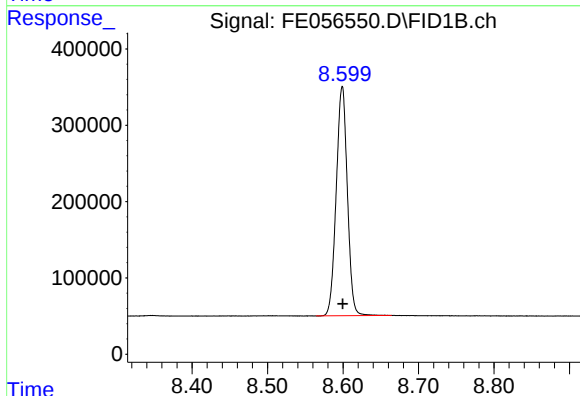
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 3163553
Conc: 18.86 ug/ml



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

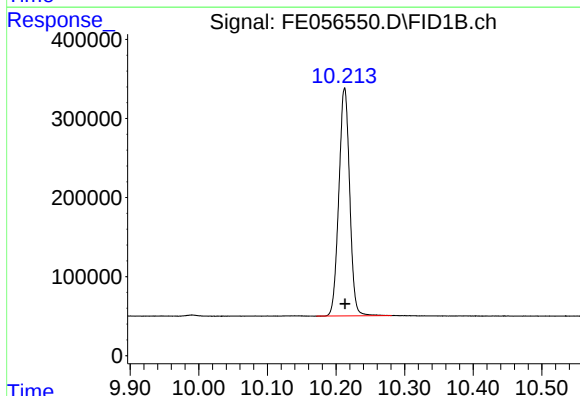
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2989017
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :



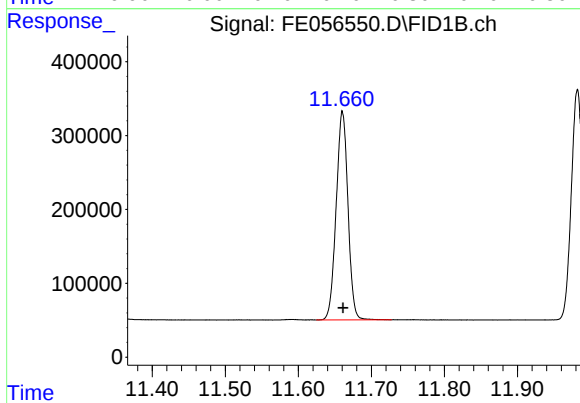
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 3084632
Conc: 18.57 ug/ml



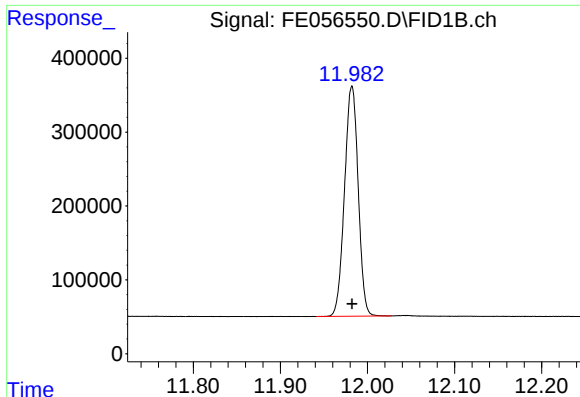
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 3152963
Conc: 18.02 ug/ml



#8 n-Octadecane (C18)

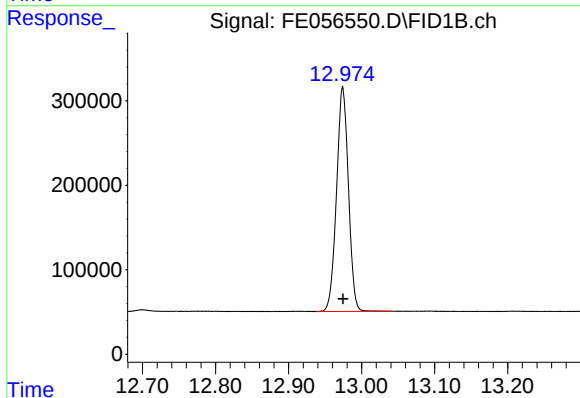
R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 3166245
Conc: 17.36 ug/ml



#9 ortho-Terphenyl (SURR)

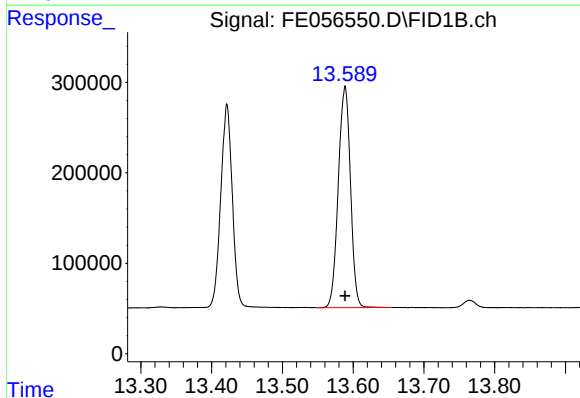
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 3396953
Conc: 16.63 ug/ml

Instrument :
FID_E
ClientSampleId :



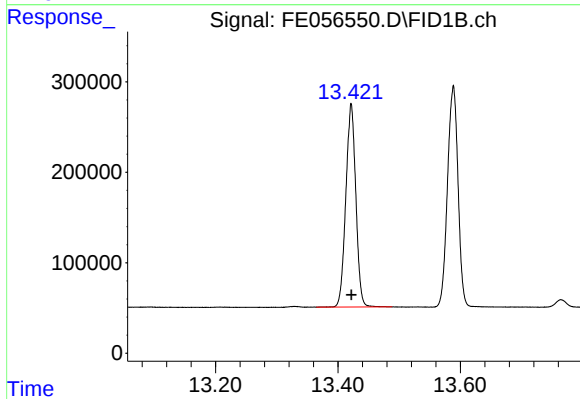
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3003951
Conc: 16.87 ug/ml



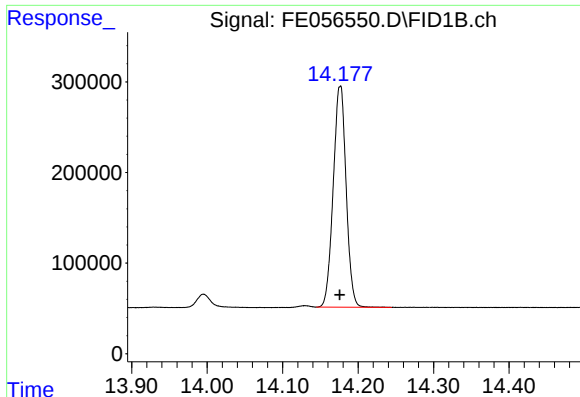
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 2920507
Conc: 16.65 ug/ml



#12 1-chlorooctadecane (SURR)

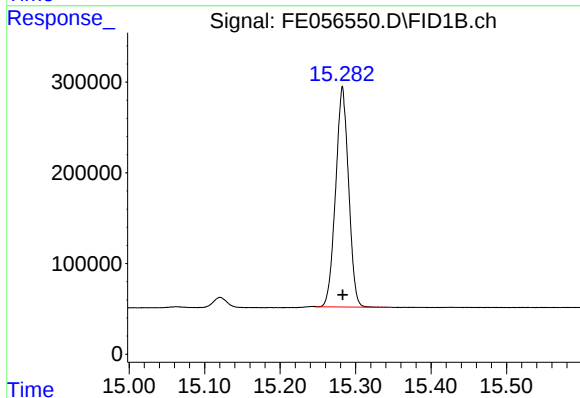
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2549110
Conc: 16.71 ug/ml



#13 n-Docosane (C22)

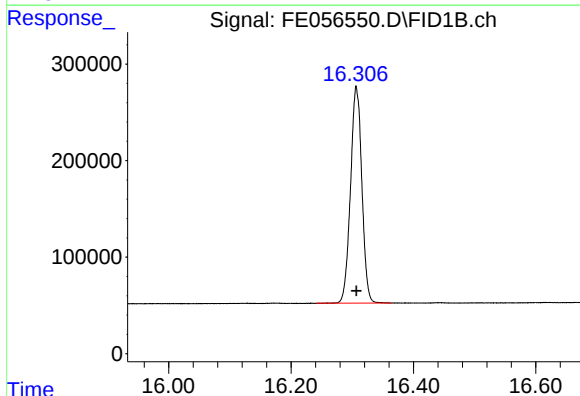
R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 2903263
Conc: 16.40 ug/ml

Instrument :
FID_E
ClientSampleId :



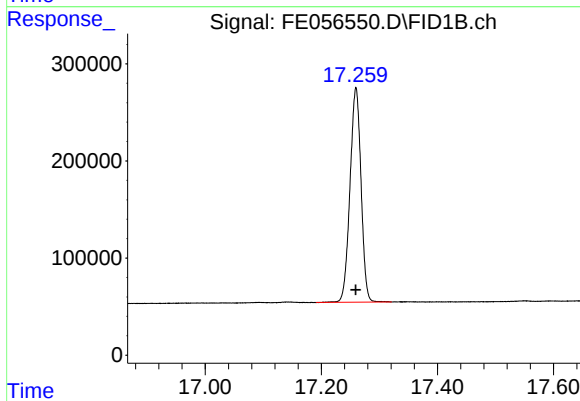
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2896979
Conc: 15.92 ug/ml



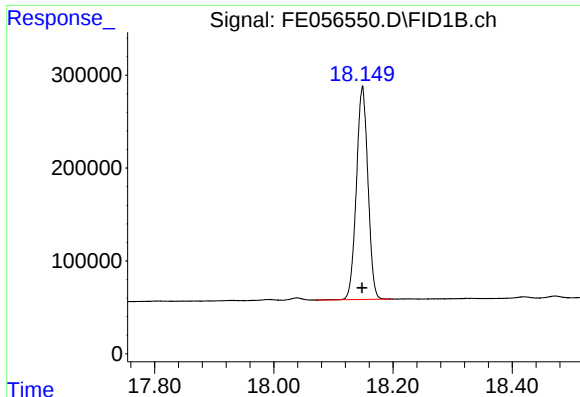
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 2885213
Conc: 16.07 ug/ml



#16 n-Octacosane (C28)

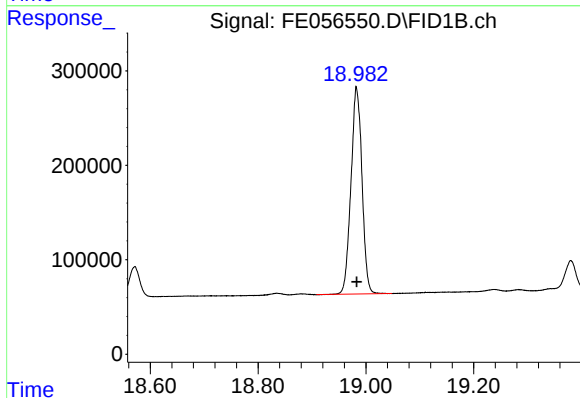
R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 2908544
Conc: 16.35 ug/ml



#17 n-Tricontane (C30)

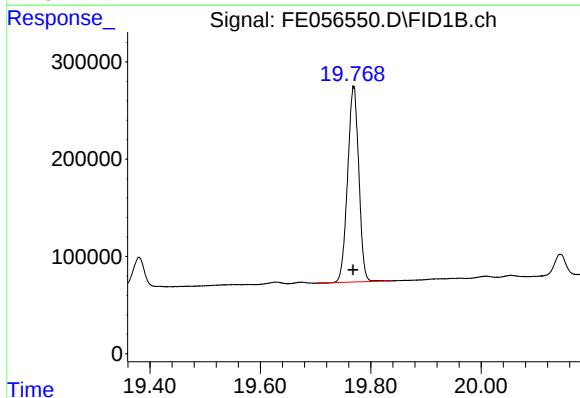
R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 3078682
Conc: 16.96 ug/ml

Instrument :
FID_E
ClientSampleId :



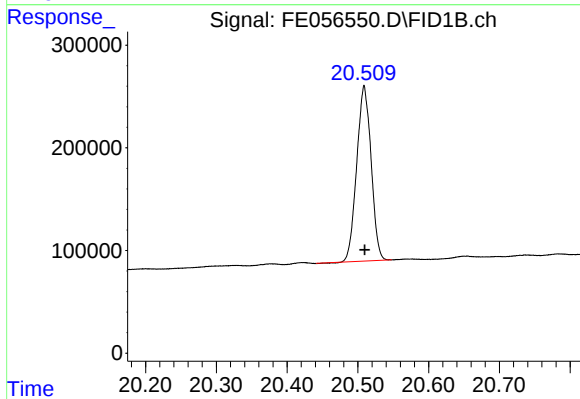
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 3105574
Conc: 17.62 ug/ml



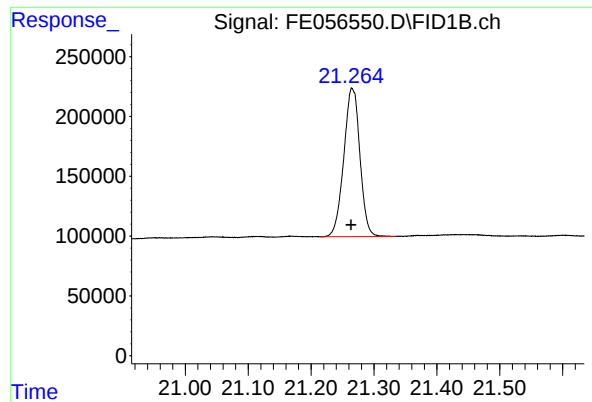
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: 0.001 min
Response: 2825027
Conc: 18.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.509 min
Delta R.T.: 0.000 min
Response: 2406044
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 2205327
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :