

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111925AL\
 Data File : FE056933.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2025 12:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 20 01:22:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	4261802	20.400 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.382	3255876	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.308	3205060	19.082 ug/ml
2) T n-Decane (C10)	4.560	3745573	21.828 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3773896	20.445 ug/ml
4) T n-Dodecane (C12)	6.731	3902719	22.438 ug/ml
5) T A~2-methylnaphthalene...	7.373	3657509	20.638 ug/ml
6) T n-Tetradecane (C14)	8.564	3872512	22.185 ug/ml
7) T n-Hexadecane (C16)	10.175	3986726	21.791 ug/ml
8) T n-Octadecane (C18)	11.622	4023001	21.255 ug/ml
10) T n-Eicosane (C20)	12.934	3831713	20.560 ug/ml
11) T n-Heneicosane (C21)	13.548	3735825	20.316 ug/ml
13) T n-Docosane (C22)	14.135	3752229	20.044 ug/ml
14) T n-Tetracosane (C24)	15.241	3825848	19.533 ug/ml
15) T n-Hexacosane (C26)	16.264	3782828	19.465 ug/ml
16) T n-Octacosane (C28)	17.216	3884894	20.060 ug/ml
17) T n-Tricontane (C30)	18.106	4216883	21.032 ug/ml
18) T n-Dotriacontane (C32)	18.940	4349539	22.118 ug/ml
19) T n-Tetratriacontane (C34)	19.725	3934789	22.796 ug/ml
20) T n-Hexatriacontane (C36)	20.466	3342744	23.108 ug/ml
21) T n-Octatriacontane (C38)	21.212	3016653	23.968 ug/ml
22) T n-Tetracontane (C40)	22.144	2906103	25.136 ug/ml

(f)=RT Delta > 1/2 Window

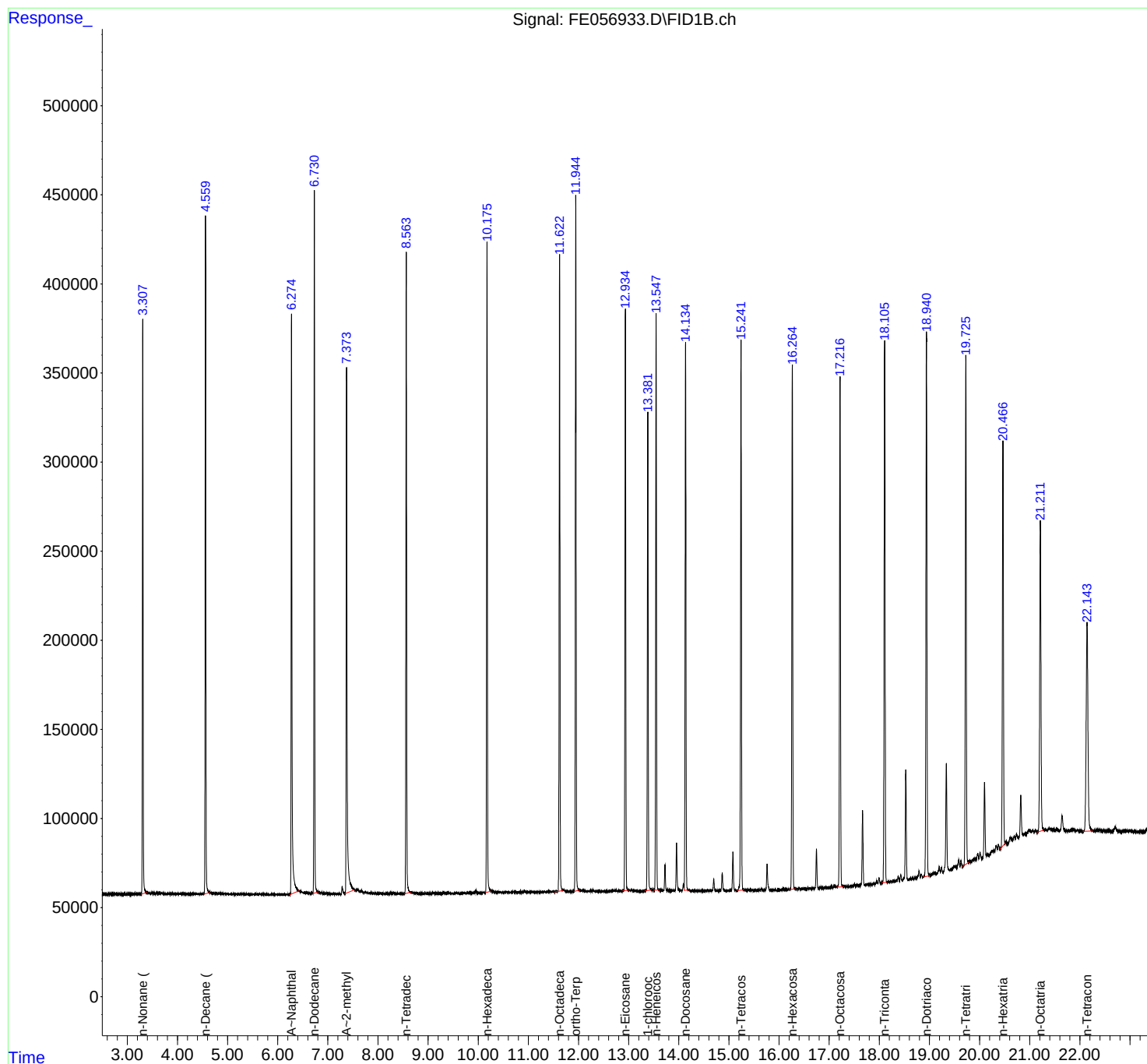
(m)=manual int.

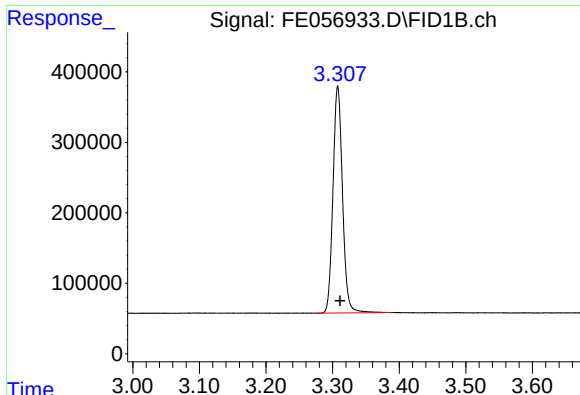
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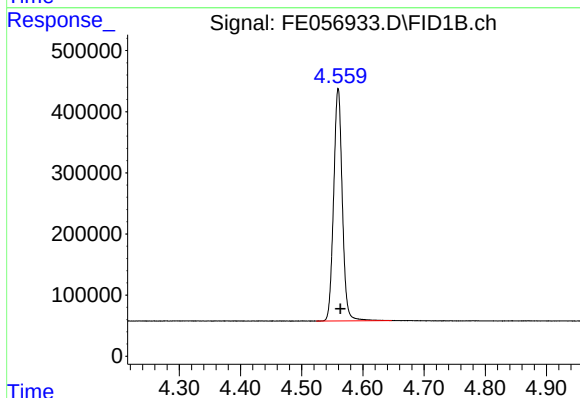




#1 n-Nonane (C9)

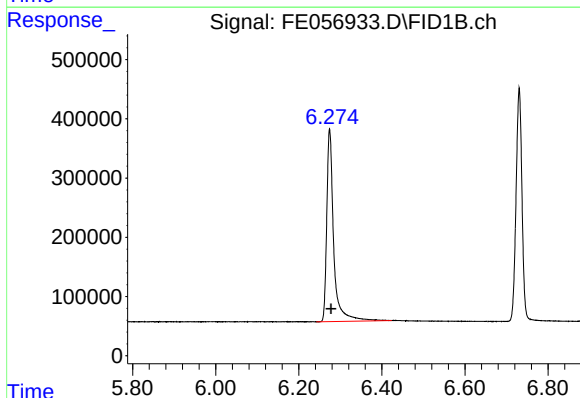
R.T.: 3.308 min
Delta R.T.: -0.003 min
Response: 3205060
Conc: 19.08 ug/ml

Instrument :
FID_F
ClientSampleId :



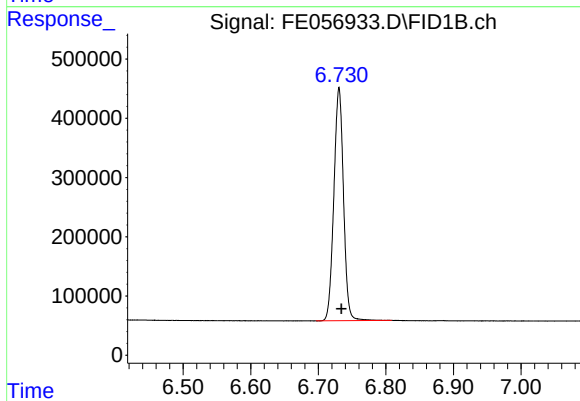
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 3745573
Conc: 21.83 ug/ml



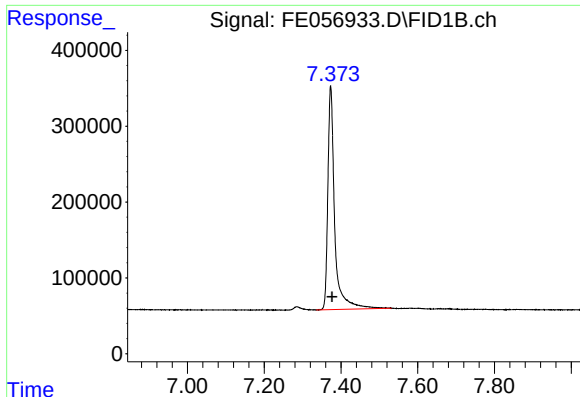
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.003 min
Response: 3773896
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

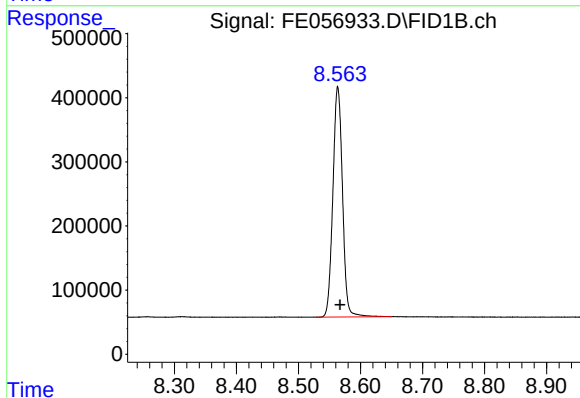
R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 3902719
Conc: 22.44 ug/ml



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

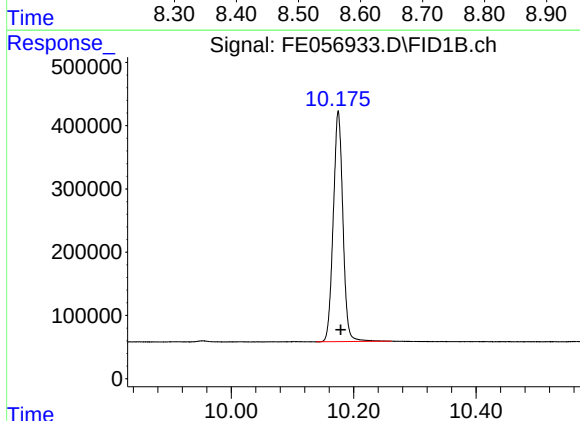
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 3657509
Conc: 20.64 ug/ml

Instrument :
FID_F
ClientSampleId :



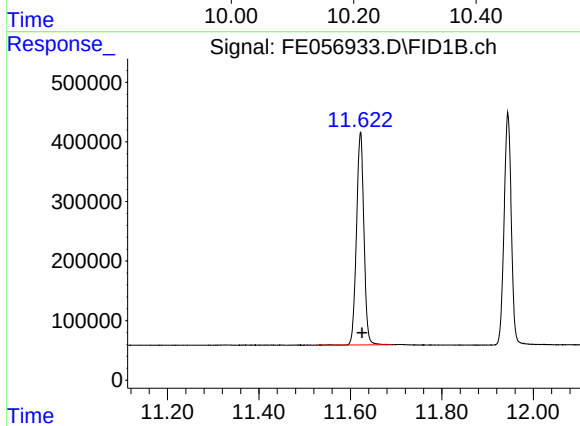
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 3872512
Conc: 22.19 ug/ml



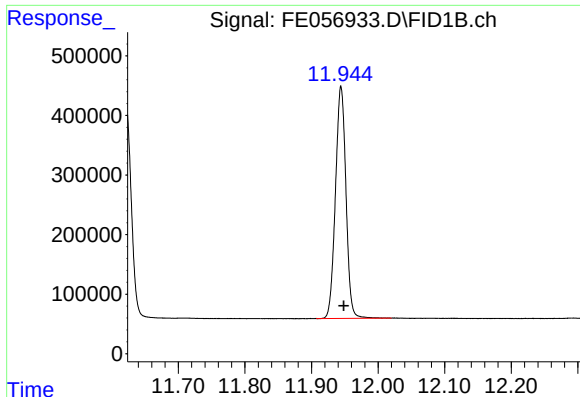
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 3986726
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

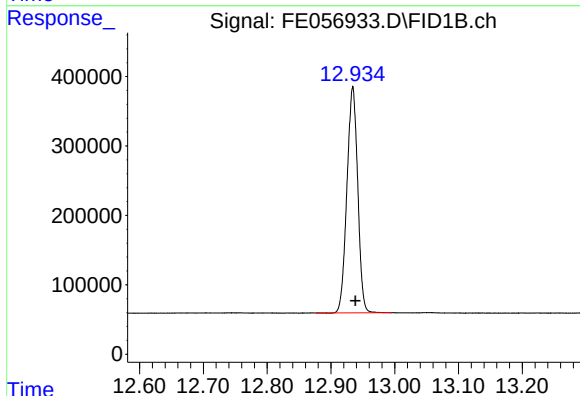
R.T.: 11.622 min
Delta R.T.: -0.004 min
Response: 4023001
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

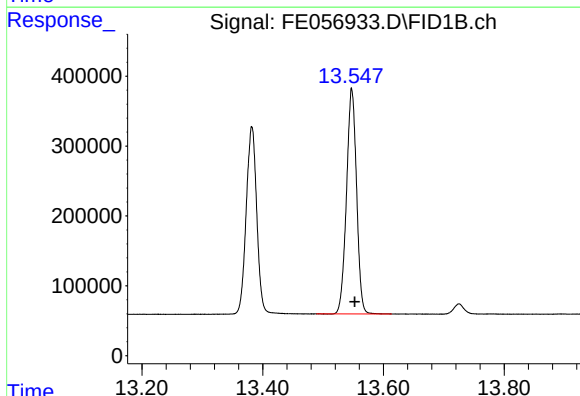
R.T.: 11.944 min
Delta R.T.: -0.004 min
Response: 4261802
Conc: 20.40 ug/ml

Instrument :
FID_F
ClientSampleId :



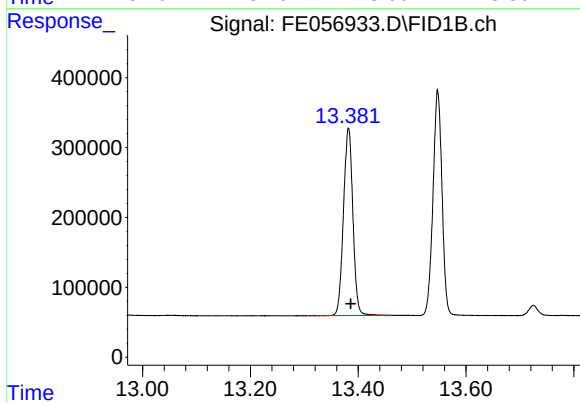
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.004 min
Response: 3831713
Conc: 20.56 ug/ml



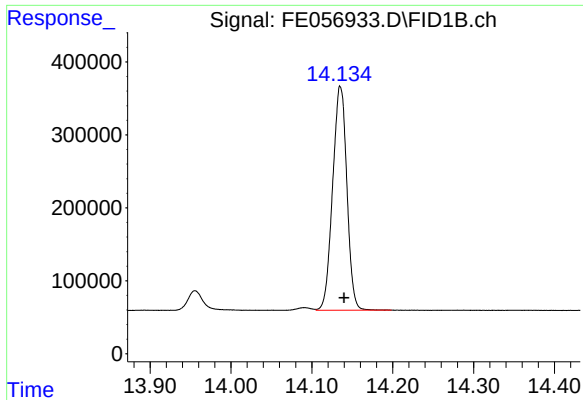
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 3735825
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

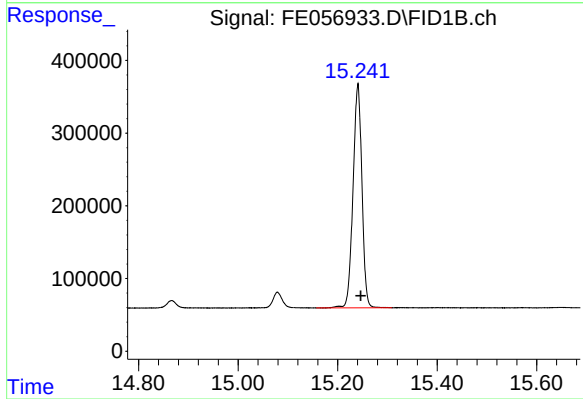
R.T.: 13.382 min
Delta R.T.: -0.004 min
Response: 3255876
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

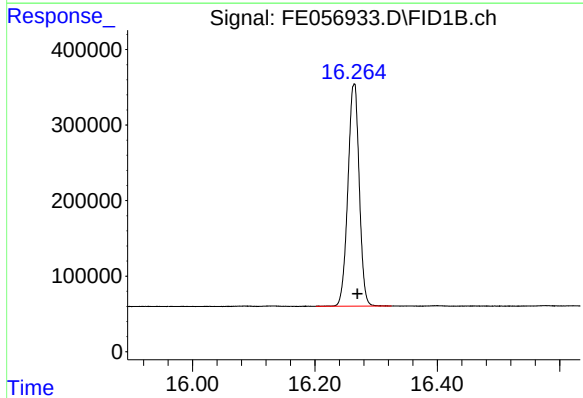
R.T.: 14.135 min
Delta R.T.: -0.004 min
Response: 3752229
Conc: 20.04 ug/ml

Instrument :
FID_F
ClientSampleId :



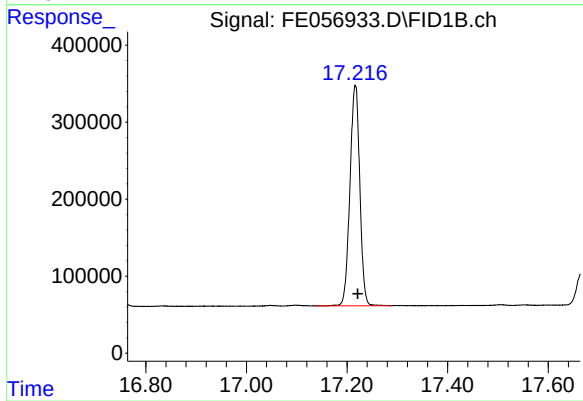
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.006 min
Response: 3825848
Conc: 19.53 ug/ml



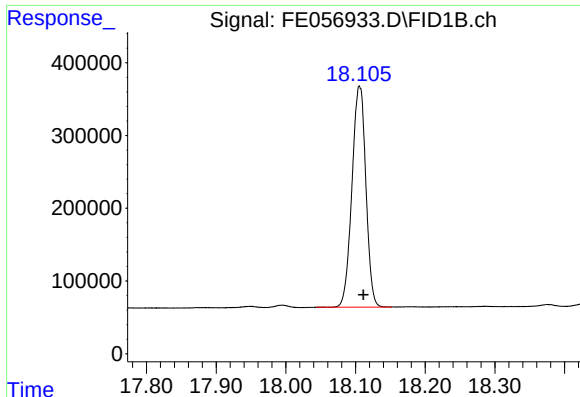
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.006 min
Response: 3782828
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

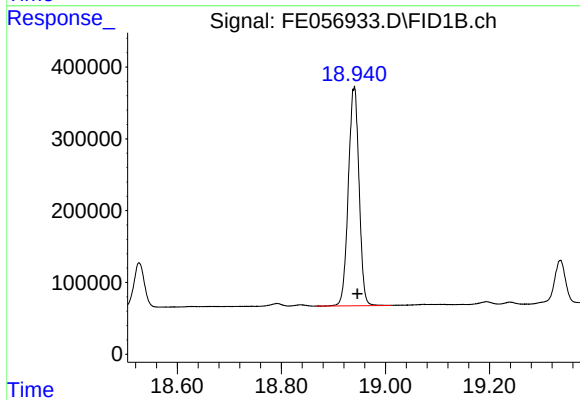
R.T.: 17.216 min
Delta R.T.: -0.005 min
Response: 3884894
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

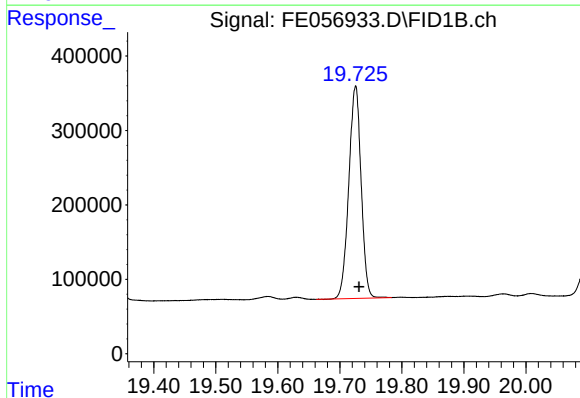
R.T.: 18.106 min
Delta R.T.: -0.006 min
Response: 4216883
Conc: 21.03 ug/ml

Instrument :
FID_F
ClientSampleId :



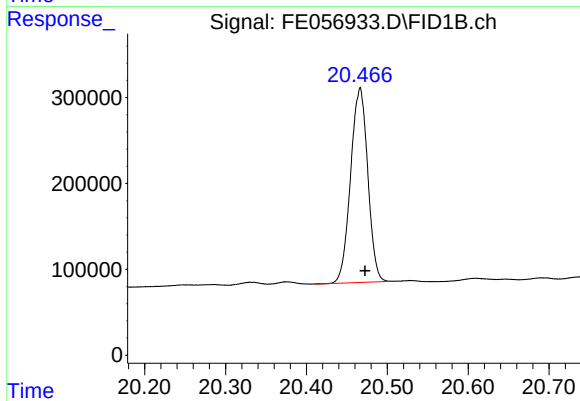
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.006 min
Response: 4349539
Conc: 22.12 ug/ml



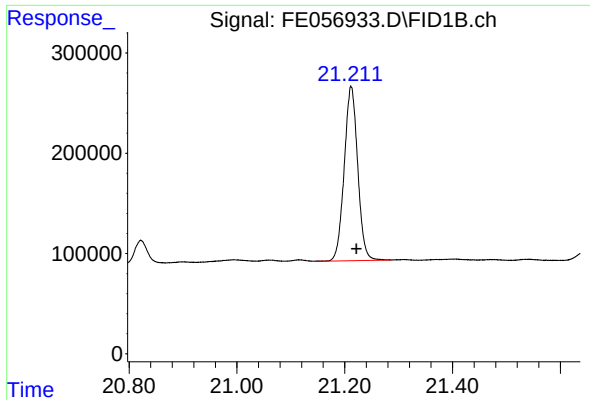
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.006 min
Response: 3934789
Conc: 22.80 ug/ml



#20 n-Hexatriacontane (C36)

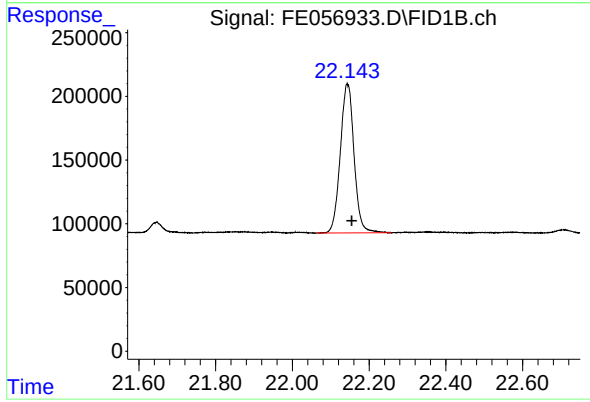
R.T.: 20.466 min
Delta R.T.: -0.006 min
Response: 3342744
Conc: 23.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.010 min
Response: 3016653
Conc: 23.97 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.011 min
Response: 2906103
Conc: 25.14 ug/ml