

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057322.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 21:06
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 00:20:17 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			
12) S 1-chlorooctadecane (S...	13.366	5531650	33.238 ug/ml
Spiked Amount 50.000		Recovery =	66.48%
Target Compounds			
1) T n-Nonane (C9)	3.290	203285	1.039 ug/ml
2) T n-Decane (C10)	4.542	255145	1.261 ug/ml
4) T n-Dodecane (C12)	6.713	344007	1.686 ug/ml
6) T n-Tetradecane (C14)	8.546	332917	1.654 ug/ml
7) T n-Hexadecane (C16)	10.158	321770	1.569 ug/ml
8) T n-Octadecane (C18)	11.605	368335	1.787 ug/ml
10) T n-Eicosane (C20)	12.917	401145	2.039 ug/ml
11) T n-Heneicosane (C21)	13.530	341931	1.780 ug/ml
13) T n-Docosane (C22)	14.118	372094	1.928 ug/ml
14) T n-Tetracosane (C24)	15.225	353879	1.787 ug/ml
15) T n-Hexacosane (C26)	16.248	364962	1.840 ug/ml
16) T n-Octacosane (C28)	17.199	391960	1.907 ug/ml
17) T n-Tricontane (C30)	18.090	461228	2.055 ug/ml
18) T n-Dotriacontane (C32)	18.923	516582	2.213 ug/ml
19) T n-Tetratriacontane (C34)	19.709	504553	2.362 ug/ml
20) T n-Hexatriacontane (C36)	20.451	468767	2.518 ug/ml
21) T n-Octatriacontane (C38)	21.196	461881	2.665 ug/ml
22) T n-Tetracontane (C40)	22.122	417627	2.478 ug/ml

(f)=RT Delta > 1/2 Window

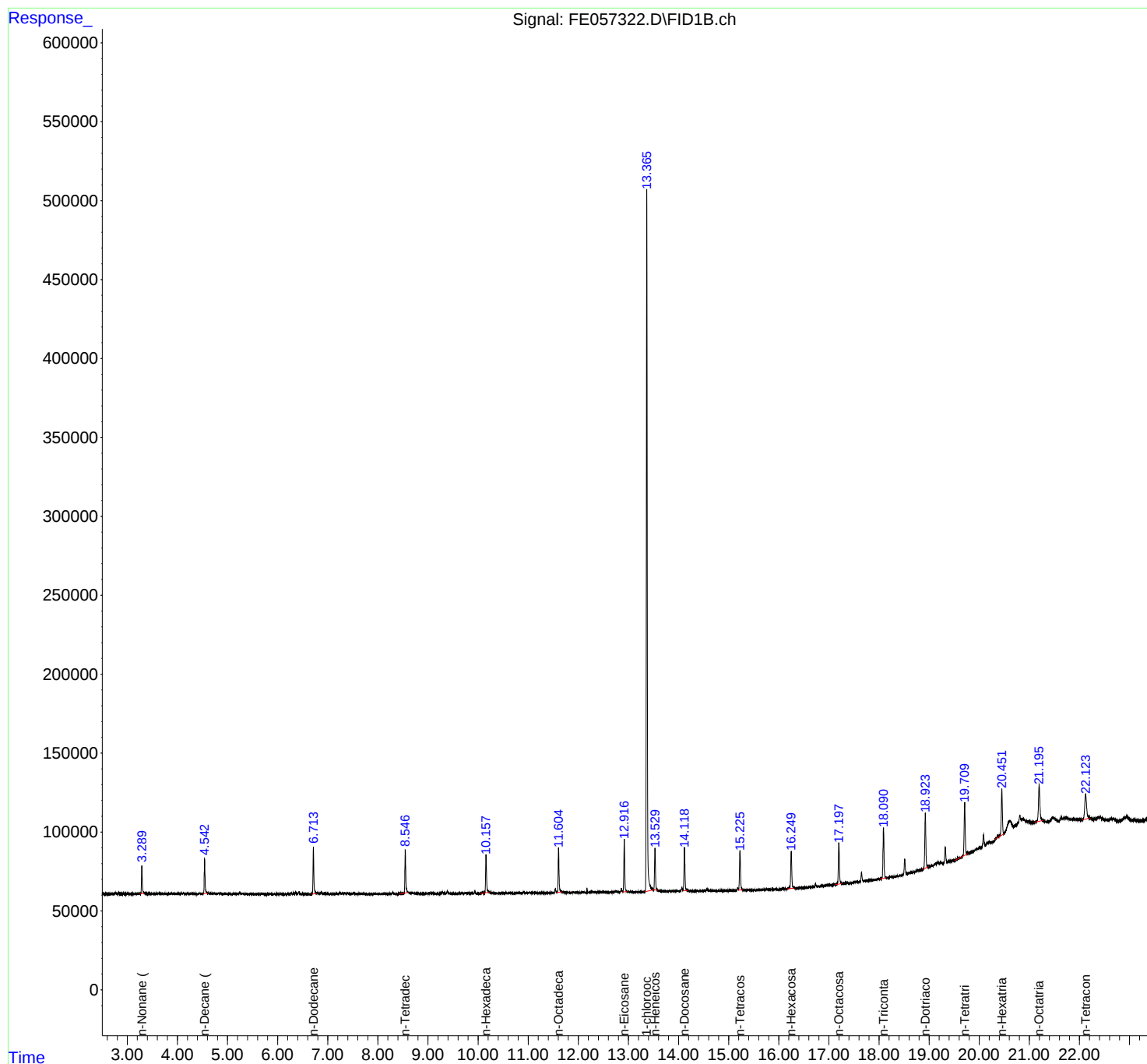
(m)=manual int.

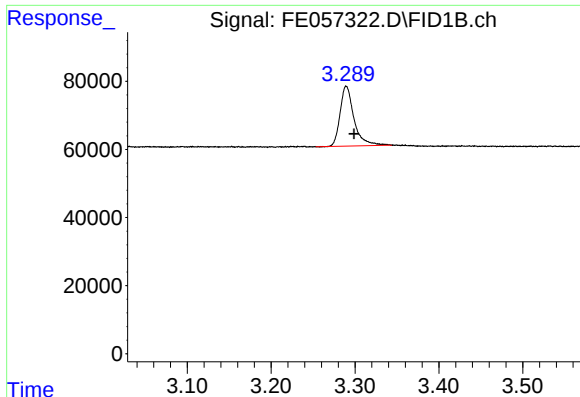
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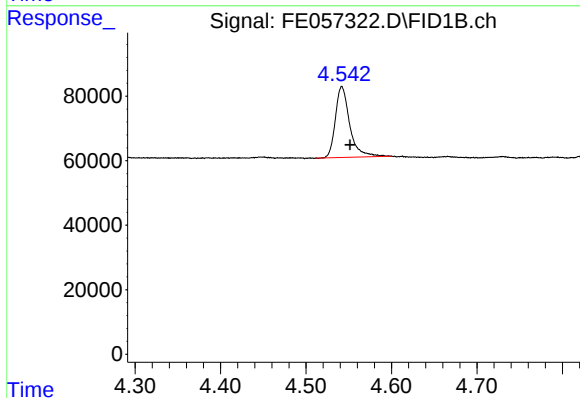




#1 n-Nonane (C9)

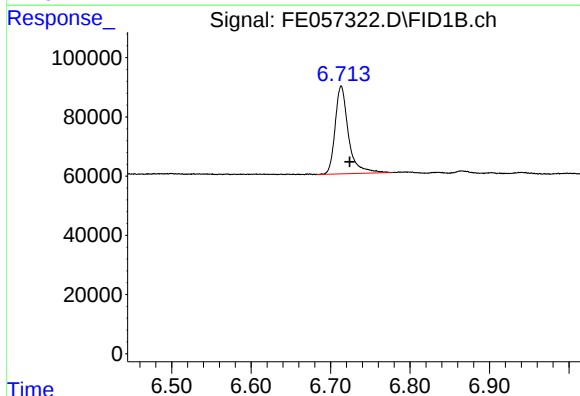
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 203285
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



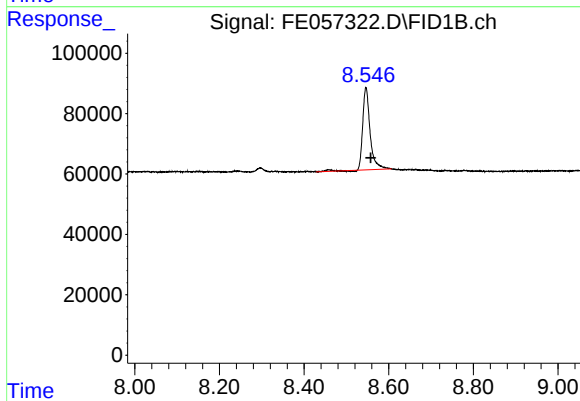
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.009 min
Response: 255145
Conc: 1.26 ug/ml



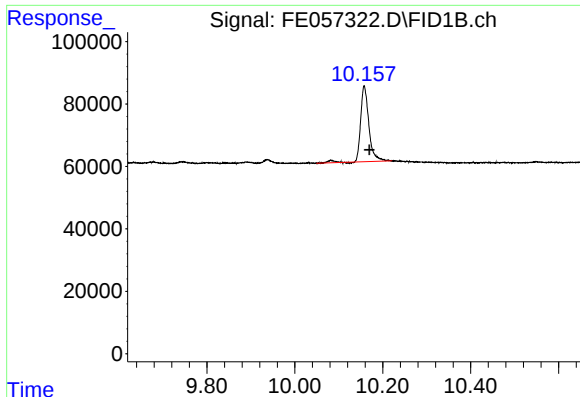
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 344007
Conc: 1.69 ug/ml



#6 n-Tetradecane (C14)

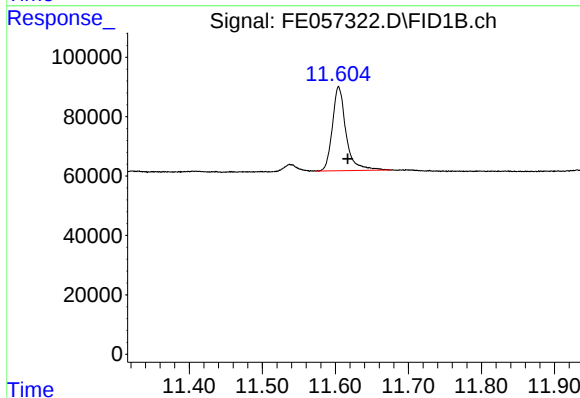
R.T.: 8.546 min
Delta R.T.: -0.011 min
Response: 332917
Conc: 1.65 ug/ml



#7 n-Hexadecane (C16)

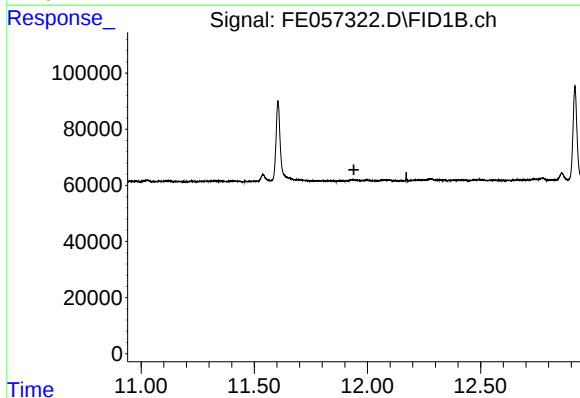
R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 321770
Conc: 1.57 ug/ml

Instrument :
FID_E
ClientSampleId :



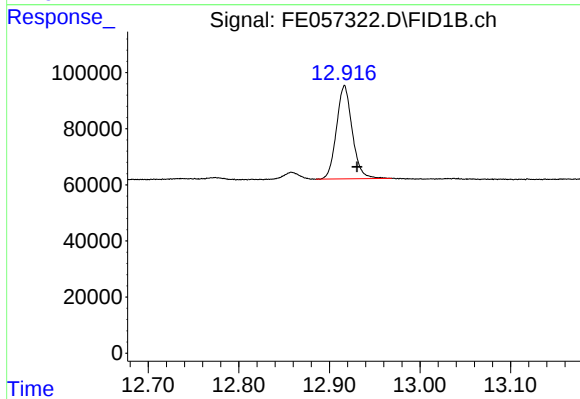
#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: -0.012 min
Response: 368335
Conc: 1.79 ug/ml



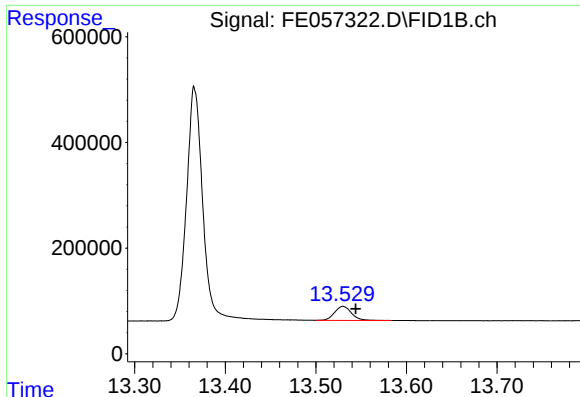
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

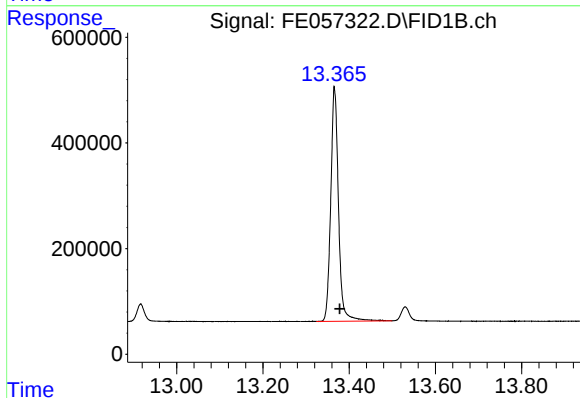
R.T.: 12.917 min
Delta R.T.: -0.014 min
Response: 401145
Conc: 2.04 ug/ml



#11 n-Heneicosane (C21)

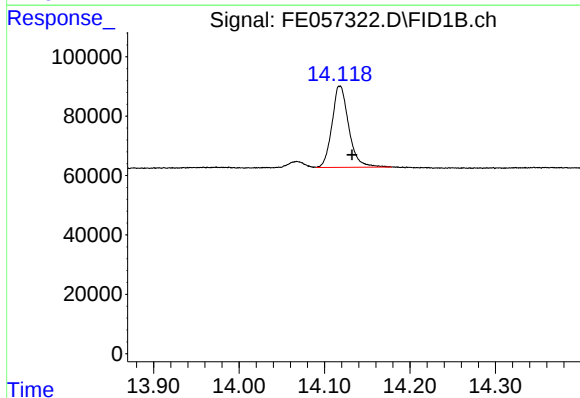
R.T.: 13.530 min
Delta R.T.: -0.014 min
Response: 341931
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :



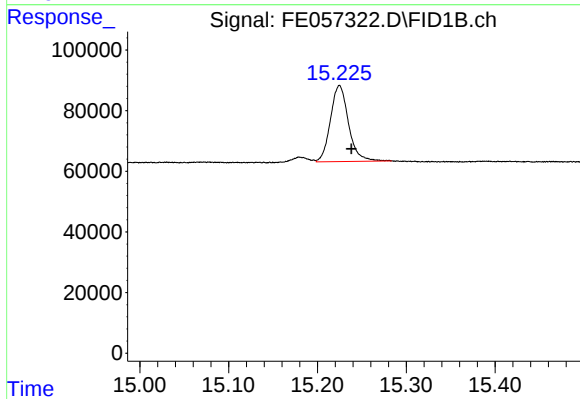
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.012 min
Response: 5531650
Conc: 33.24 ug/ml



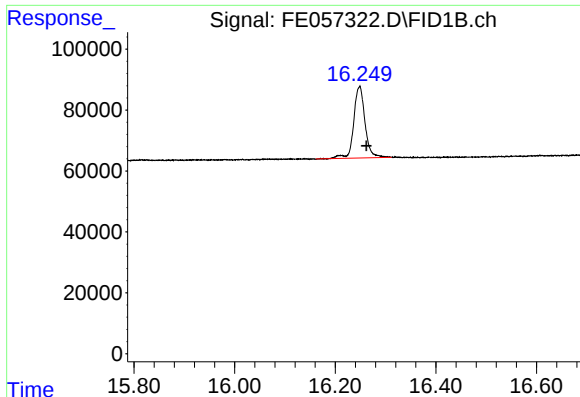
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 372094
Conc: 1.93 ug/ml



#14 n-Tetracosane (C24)

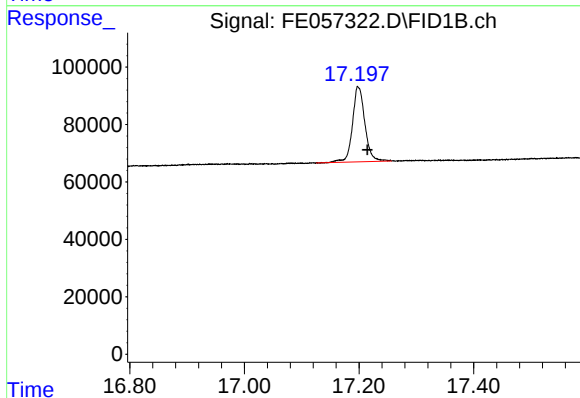
R.T.: 15.225 min
Delta R.T.: -0.014 min
Response: 353879
Conc: 1.79 ug/ml



#15 n-Hexacosane (C26)

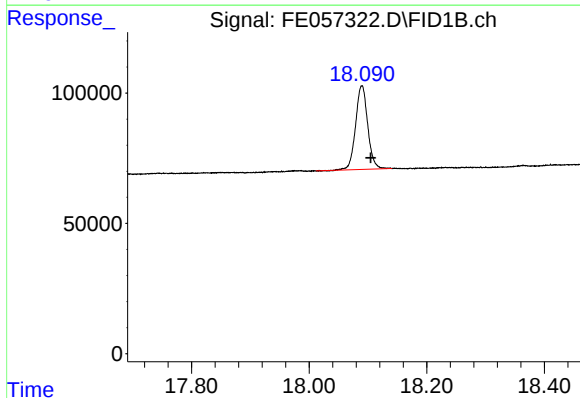
R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 364962
Conc: 1.84 ug/ml

Instrument :
FID_E
ClientSampleId :



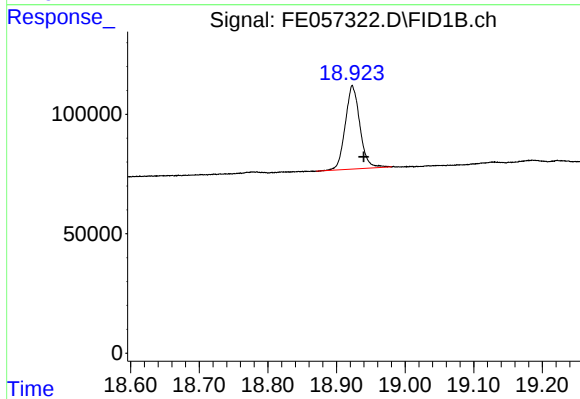
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.015 min
Response: 391960
Conc: 1.91 ug/ml



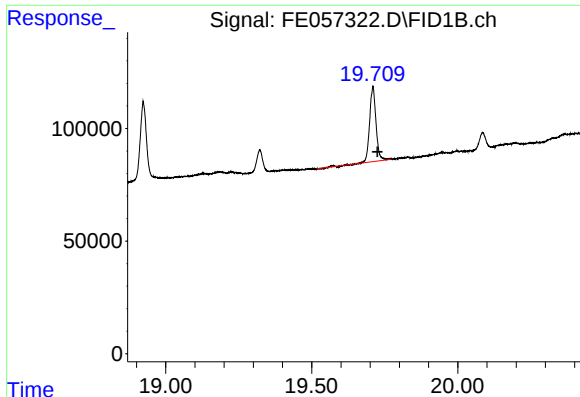
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 461228
Conc: 2.06 ug/ml



#18 n-Dotriacontane (C32)

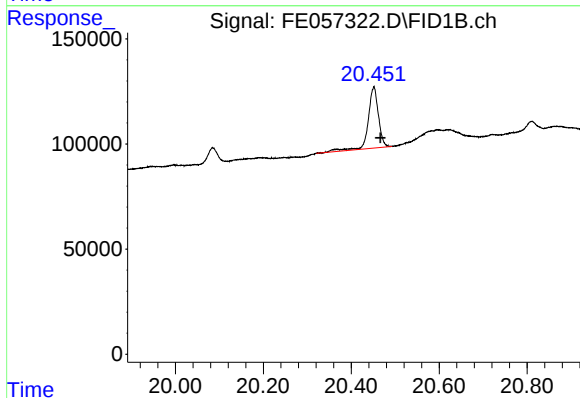
R.T.: 18.923 min
Delta R.T.: -0.016 min
Response: 516582
Conc: 2.21 ug/ml



#19 n-Tetratriacontane (C34)

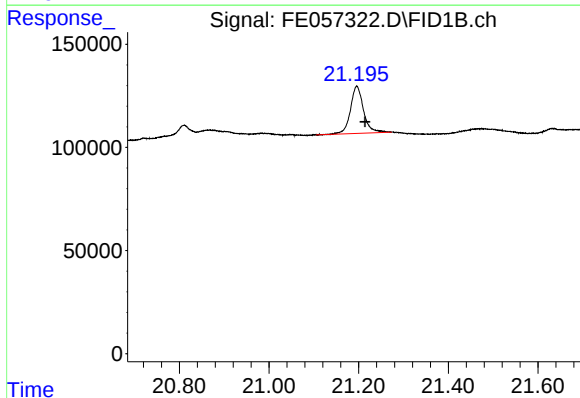
R.T.: 19.709 min
Delta R.T.: -0.015 min
Response: 504553
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :



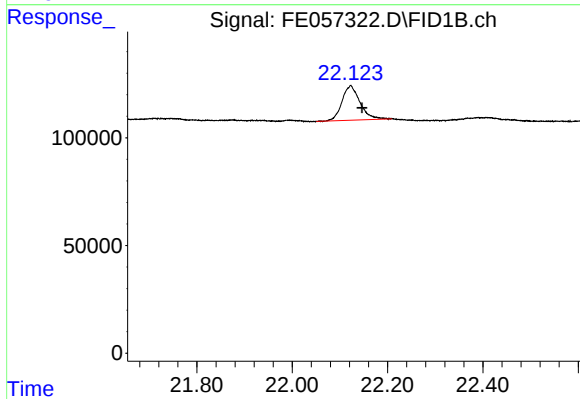
#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 468767
Conc: 2.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 461881
Conc: 2.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.024 min
Response: 417627
Conc: 2.48 ug/ml