

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048274.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 09:07
 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: May 20 11:28:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.958	2760989	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.391	2094704	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.345	2616692	20.303 ug/ml
2) T n-Decane (C10)	4.593	2806507	21.317 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2764068	20.018 ug/ml
4) T n-Dodecane (C12)	6.759	2785169	20.892 ug/ml
5) T A~2-methylnaphthalene...	7.396	2633891	19.793 ug/ml
6) T n-Tetradecane (C14)	8.587	2682180	20.240 ug/ml
7) T n-Hexadecane (C16)	10.194	2716829	19.754 ug/ml
8) T n-Octadecane (C18)	11.637	2696865	19.361 ug/ml
10) T n-Eicosane (C20)	12.946	2575779	19.130 ug/ml
11) T n-Heneicosane (C21)	13.558	2502671	18.906 ug/ml
13) T n-Docosane (C22)	14.143	2556504	19.291 ug/ml
14) T n-Tetracosane (C24)	15.246	2694421	20.235 ug/ml
15) T n-Hexacosane (C26)	16.266	2802495	21.001 ug/ml
16) T n-Octacosane (C28)	17.214	2983787	22.410 ug/ml
17) T n-Tricontane (C30)	18.101	3291786	23.851 ug/ml
18) T n-Dotriacontane (C32)	18.933	3319655	24.034 ug/ml
19) T n-Tetratriacontane (C34)	19.715	3038465	22.305 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2863540	21.149 ug/ml
21) T n-Octatriacontane (C38)	21.192	3273870	23.712 ug/ml
22) T n-Tetracontane (C40)	22.115	2993374	21.485 ug/ml

(f)=RT Delta > 1/2 Window

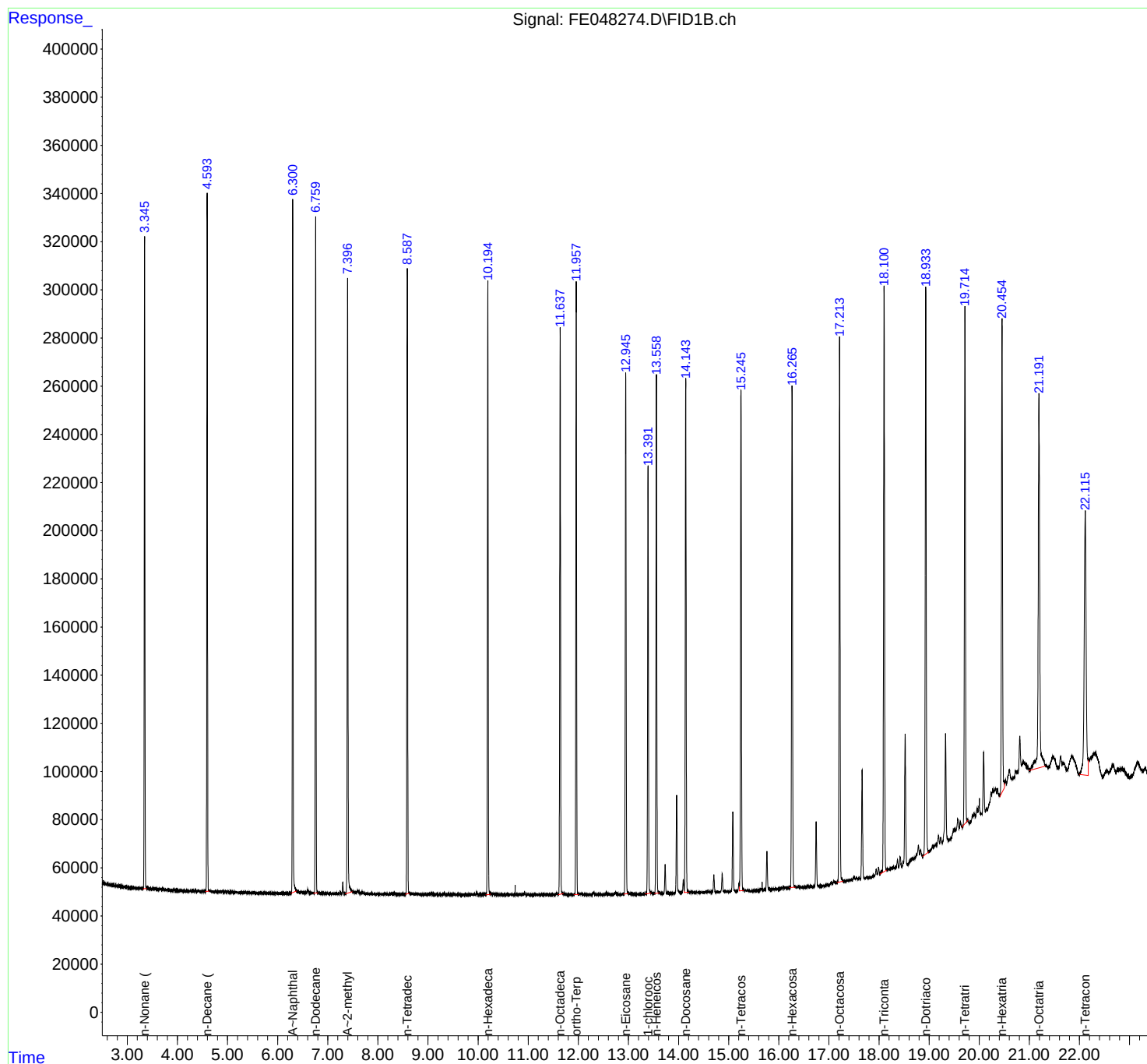
(m)=manual int.

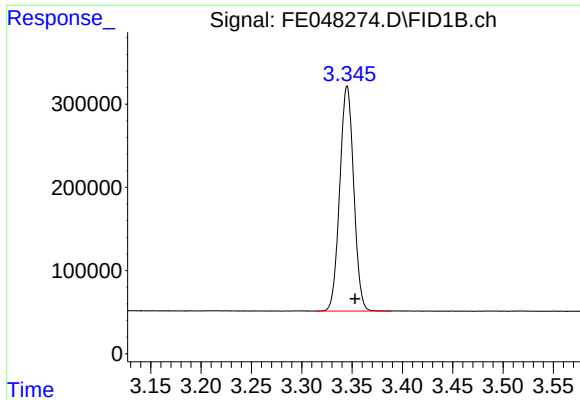
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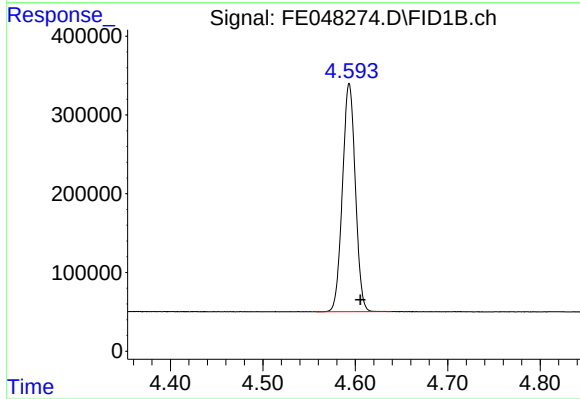




#1 n-Nonane (C9)

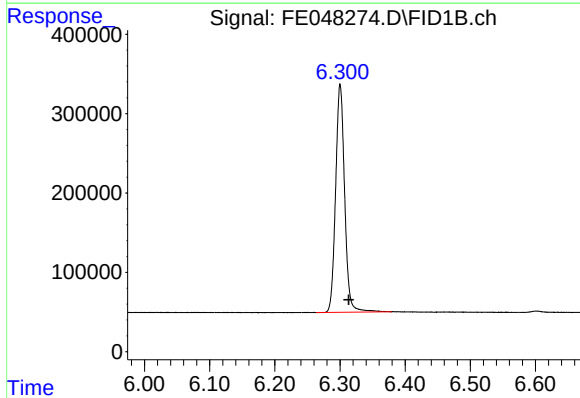
R.T.: 3.345 min
Delta R.T.: -0.008 min
Response: 2616692
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :



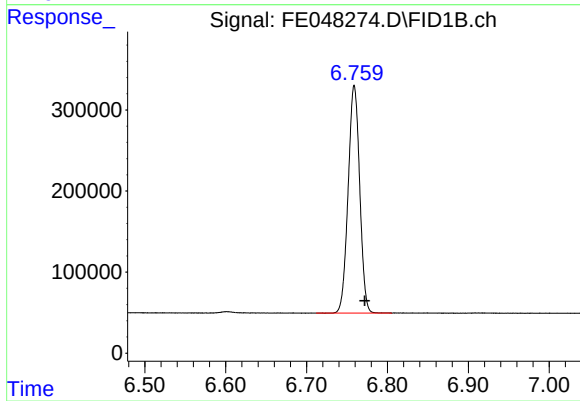
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 2806507
Conc: 21.32 ug/ml



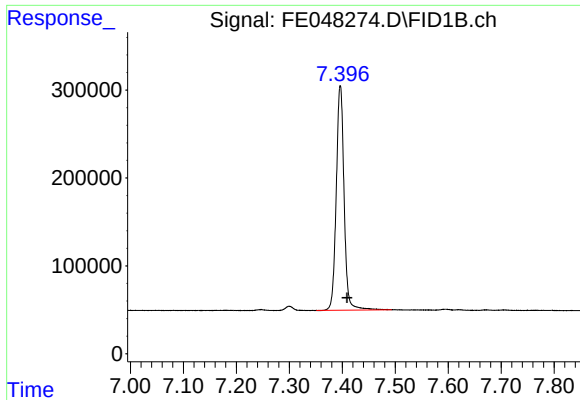
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.013 min
Response: 2764068
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

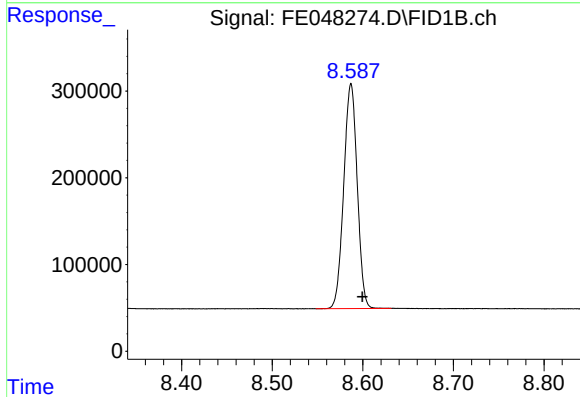
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2785169
Conc: 20.89 ug/ml



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

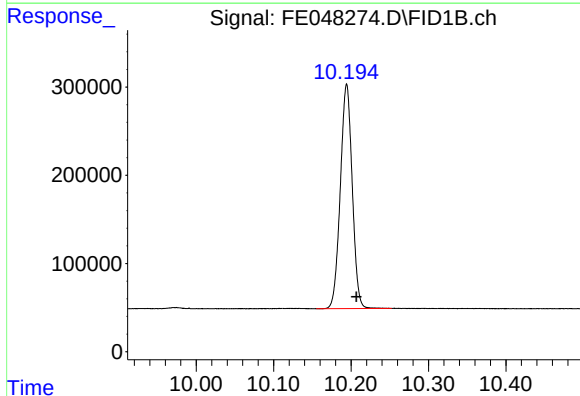
R.T.: 7.396 min
Delta R.T.: -0.013 min
Response: 2633891
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :



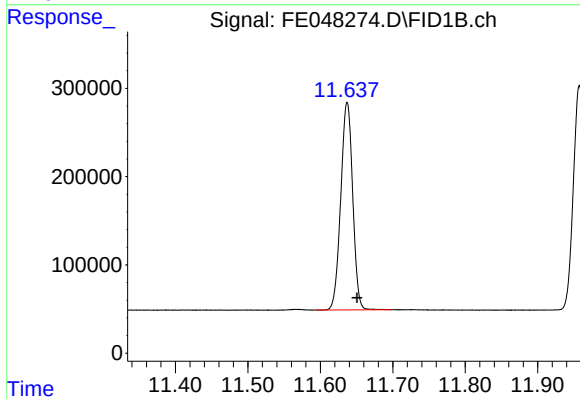
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 2682180
Conc: 20.24 ug/ml



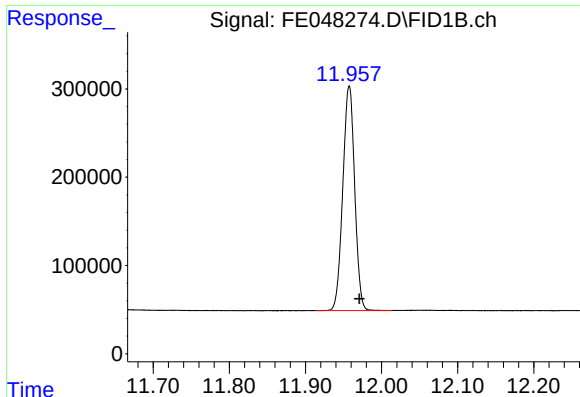
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 2716829
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

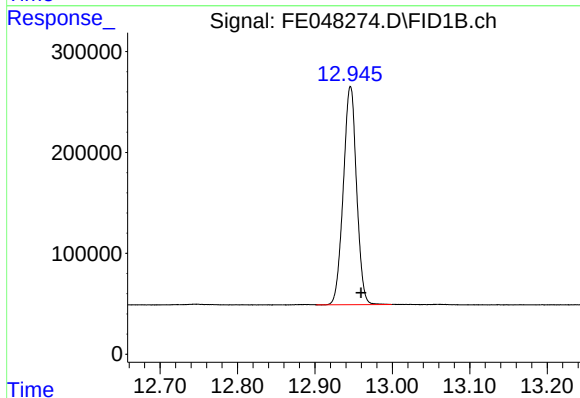
R.T.: 11.637 min
Delta R.T.: -0.013 min
Response: 2696865
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

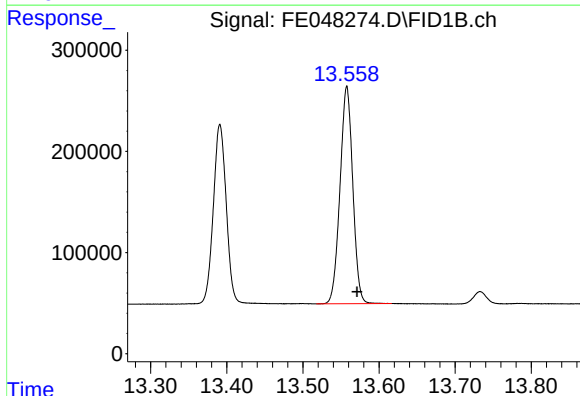
R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 2760989
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :



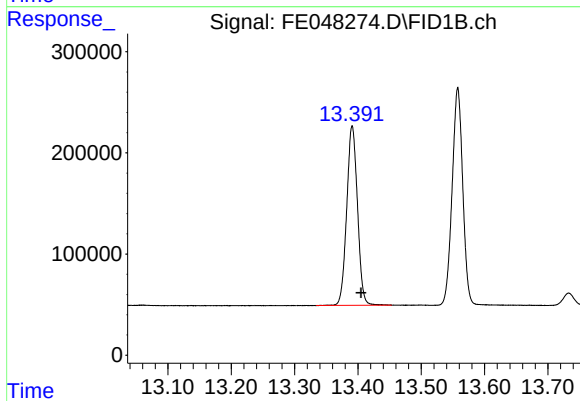
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 2575779
Conc: 19.13 ug/ml



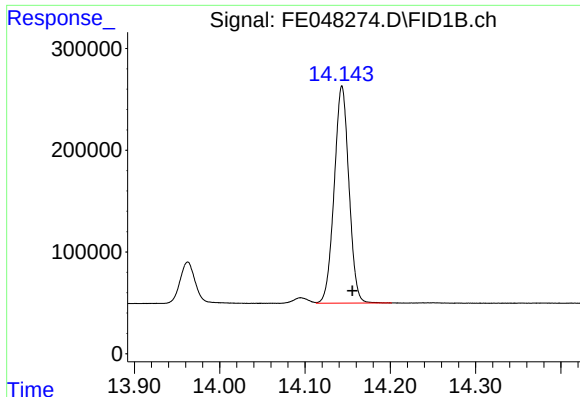
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 2502671
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

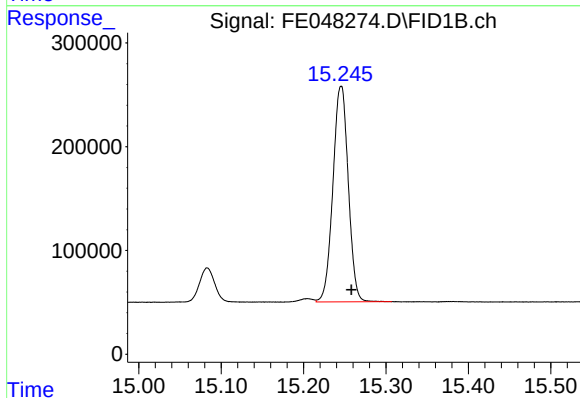
R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 2094704
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

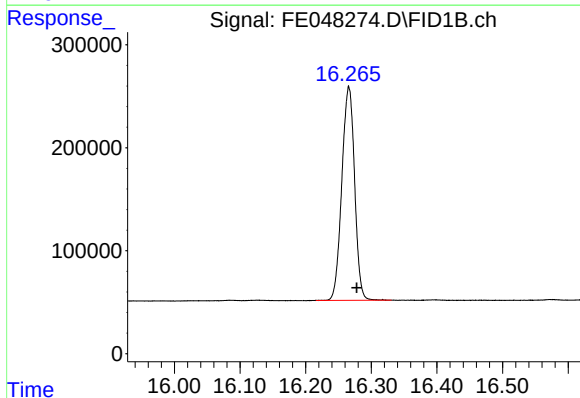
R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 2556504
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



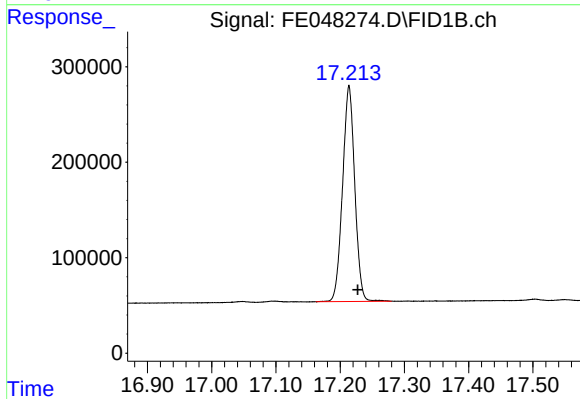
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 2694421
Conc: 20.24 ug/ml



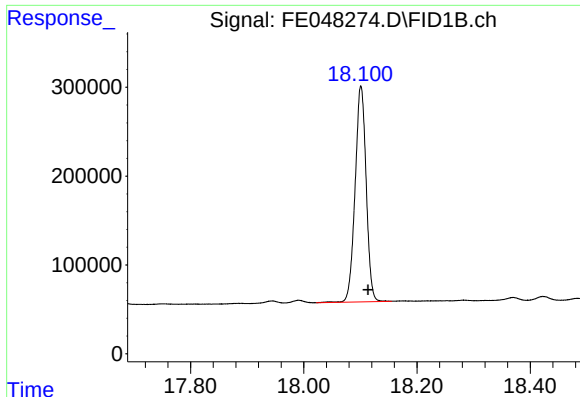
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 2802495
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

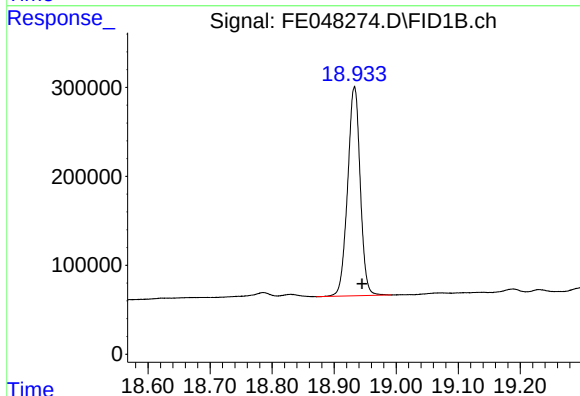
R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 2983787
Conc: 22.41 ug/ml



#17 n-Tricontane (C30)

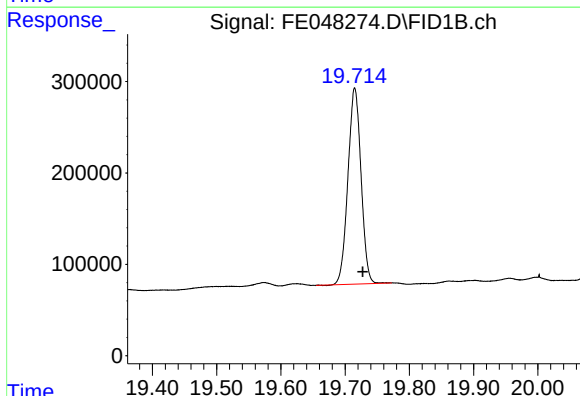
R.T.: 18.101 min
Delta R.T.: -0.012 min
Response: 3291786
Conc: 23.85 ug/ml

Instrument :
FID_E
ClientSampleId :



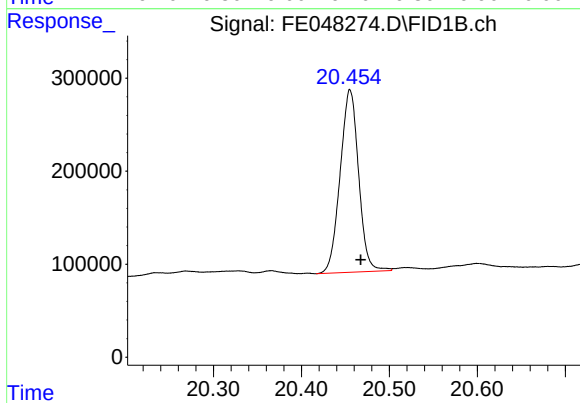
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.012 min
Response: 3319655
Conc: 24.03 ug/ml



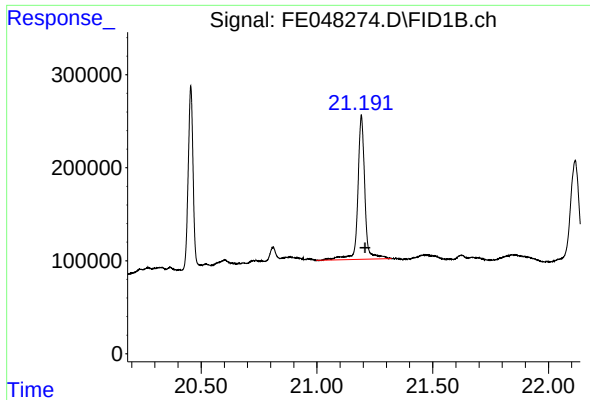
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 3038465
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

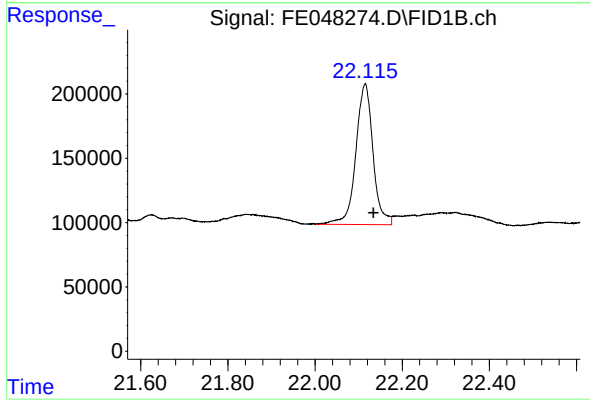
R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 2863540
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.016 min
Response: 3273870
Conc: 23.71 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.019 min
Response: 2993374
Conc: 21.49 ug/ml