

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111823AL\
 Data File : FE045461.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2023 19:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 02:58:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.871	3751589	19.649 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.313	2710872	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.259	3222981	19.510 ug/ml
2) T n-Decane (C10)	4.510	3300030	19.681 ug/ml
3) T A~Naphthalene (C11.7)	6.209	3495965	19.585 ug/ml
4) T n-Dodecane (C12)	6.676	3314699	19.627 ug/ml
5) T A~2-methylnaphthalene...	7.306	3359443	19.564 ug/ml
6) T n-Tetradecane (C14)	8.502	3273745	19.643 ug/ml
7) T n-Hexadecane (C16)	10.113	3313258	19.698 ug/ml
8) T n-Octadecane (C18)	11.557	3287386	19.641 ug/ml
10) T n-Eicosane (C20)	12.869	3137529	19.807 ug/ml
11) T n-Heneicosane (C21)	13.482	3031030	19.713 ug/ml
13) T n-Docosane (C22)	14.069	3034550	20.028 ug/ml
14) T n-Tetracosane (C24)	15.175	3072180	20.742 ug/ml
15) T n-Hexacosane (C26)	16.196	3111568	21.348 ug/ml
16) T n-Octacosane (C28)	17.149	3252240	22.256 ug/ml
17) T n-Tricontane (C30)	18.039	3491103	22.983 ug/ml
18) T n-Dotriacontane (C32)	18.873	3587829	22.966 ug/ml
19) T n-Tetratriacontane (C34)	19.658	3413999	21.865 ug/ml
20) T n-Hexatriacontane (C36)	20.403	3395051	20.916 ug/ml
21) T n-Octatriacontane (C38)	21.136	3402273	20.478 ug/ml
22) T n-Tetracontane (C40)	22.044	3256945	19.068 ug/ml

(f)=RT Delta > 1/2 Window

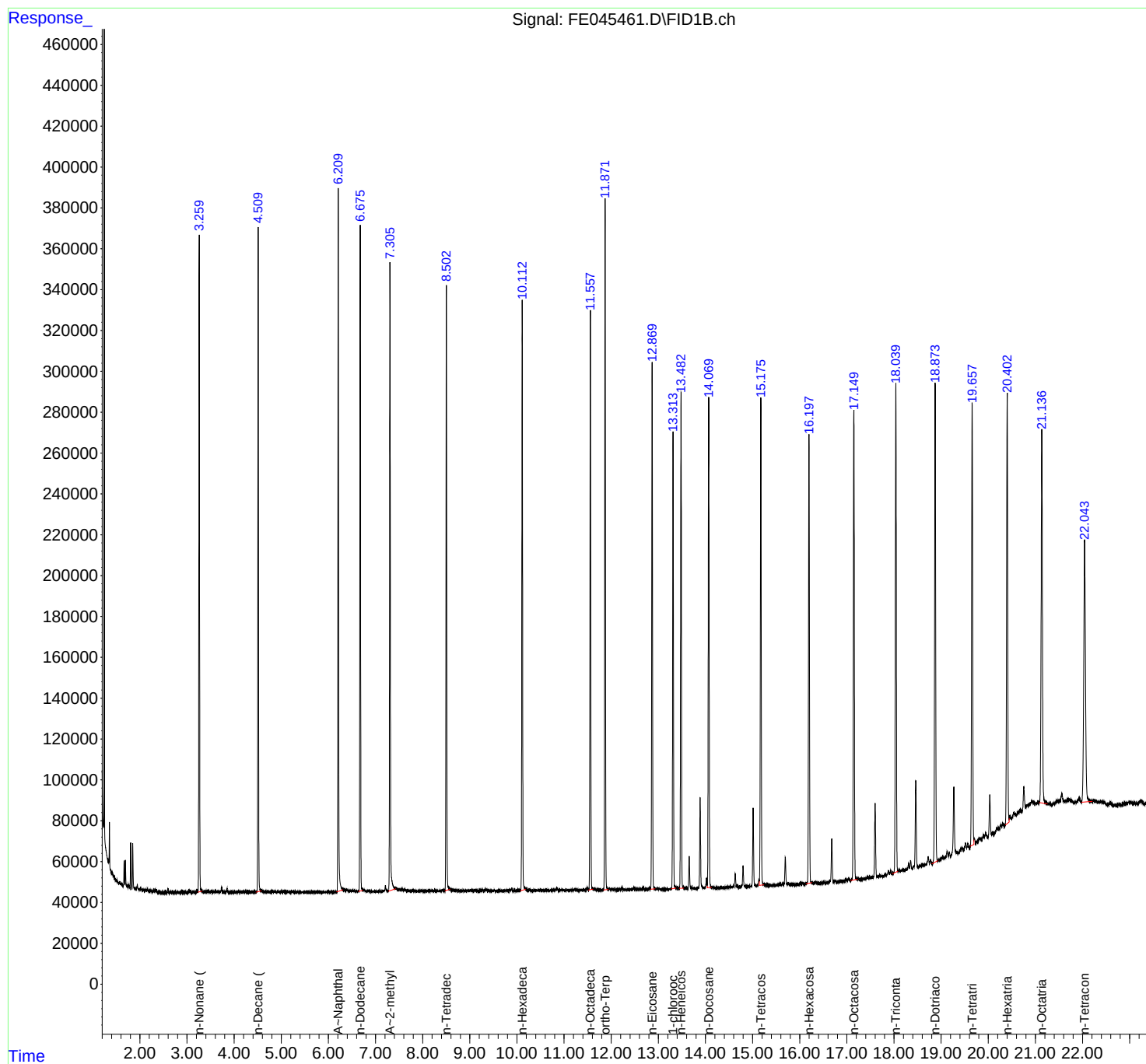
(m)=manual int.

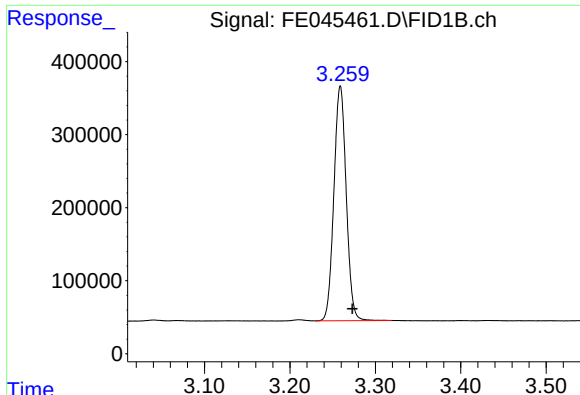
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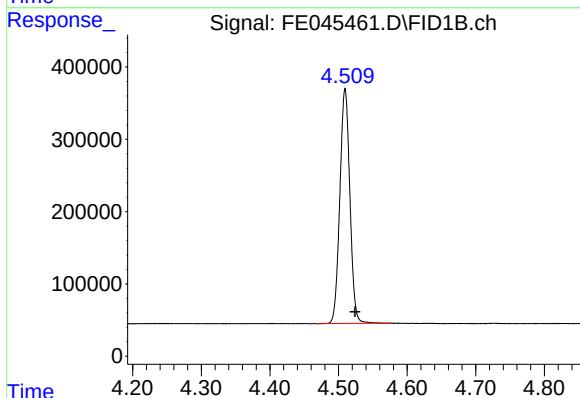




#1 n-Nonane (C9)

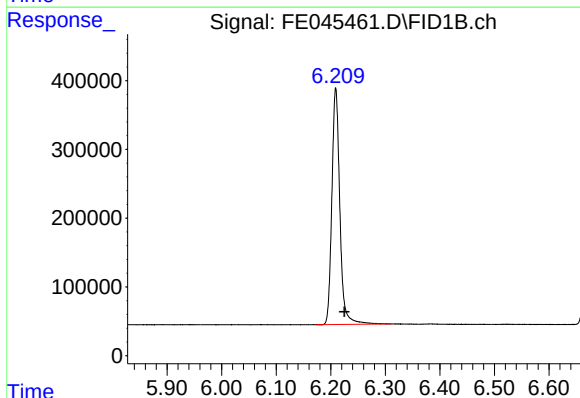
R.T.: 3.259 min
Delta R.T.: -0.014 min
Response: 3222981
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



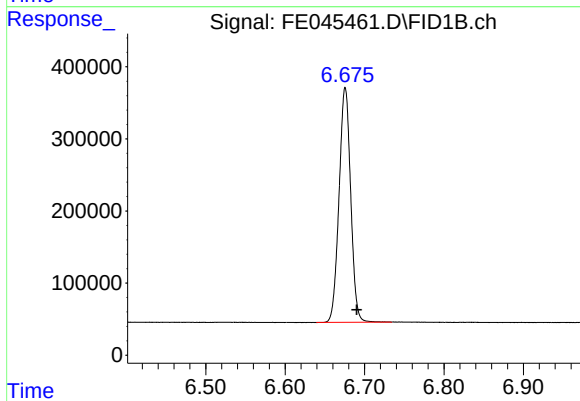
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.015 min
Response: 3300030
Conc: 19.68 ug/ml



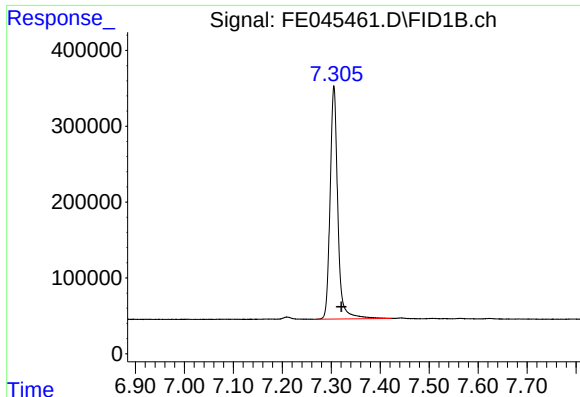
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.015 min
Response: 3495965
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

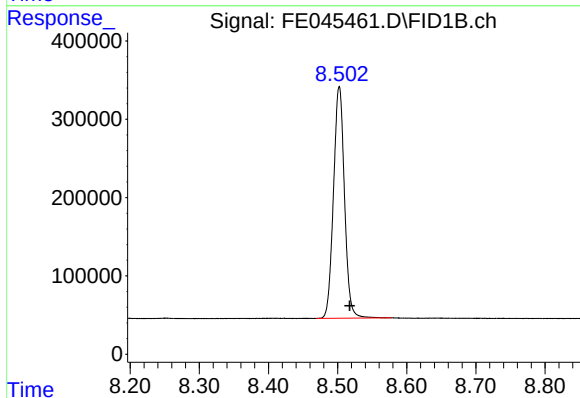
R.T.: 6.676 min
Delta R.T.: -0.015 min
Response: 3314699
Conc: 19.63 ug/ml



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

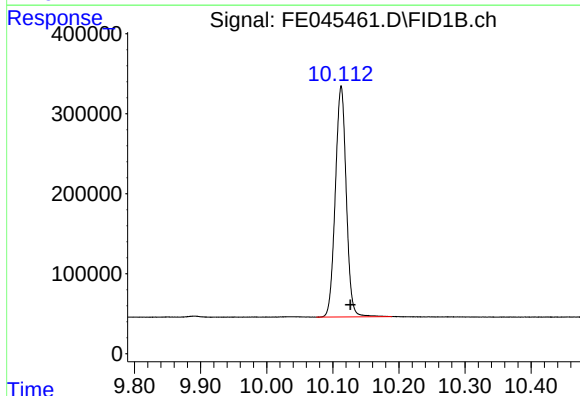
R.T.: 7.306 min
Delta R.T.: -0.015 min
Response: 3359443
Conc: 19.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



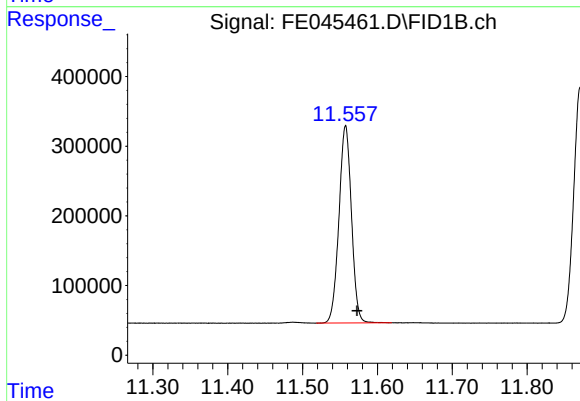
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 3273745
Conc: 19.64 ug/ml



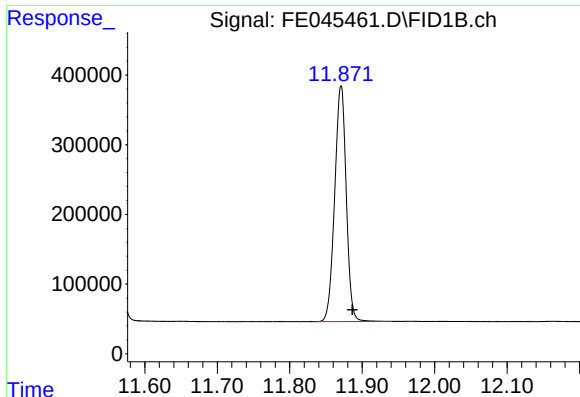
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.014 min
Response: 3313258
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

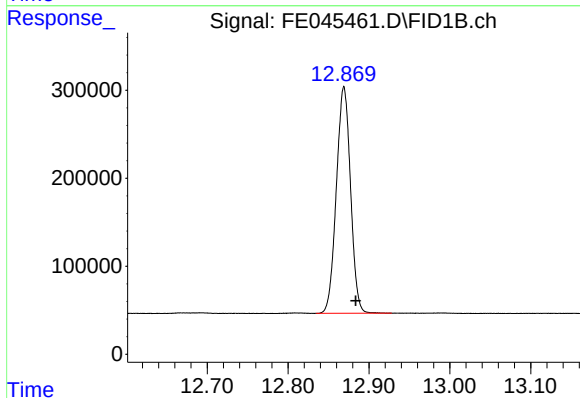
R.T.: 11.557 min
Delta R.T.: -0.015 min
Response: 3287386
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

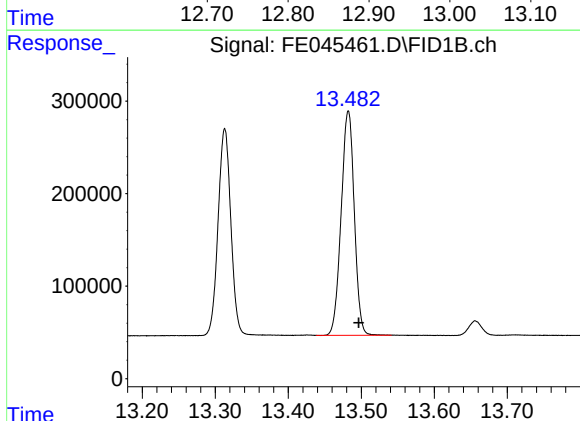
R.T.: 11.871 min
Delta R.T.: -0.016 min
Response: 3751589
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



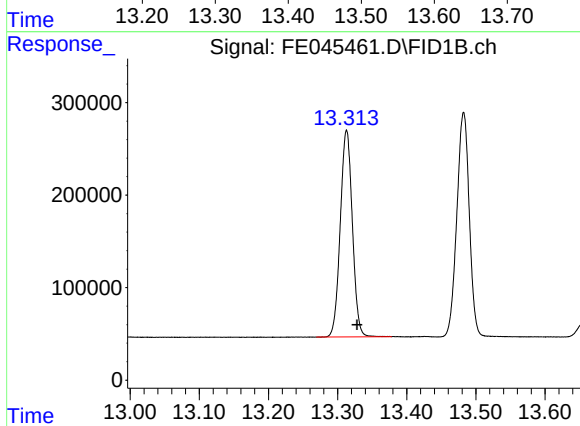
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.015 min
Response: 3137529
Conc: 19.81 ug/ml



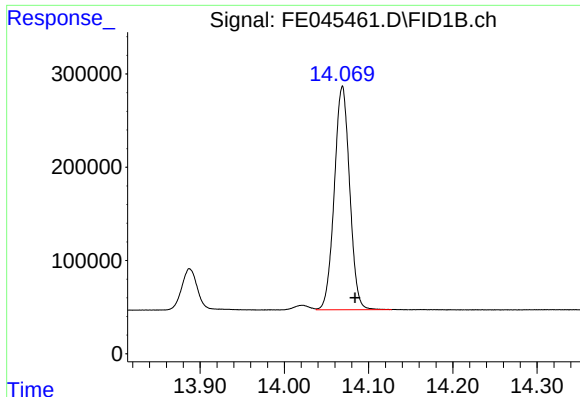
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.014 min
Response: 3031030
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

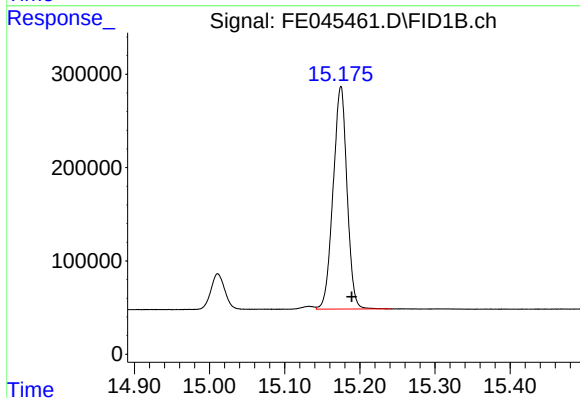
R.T.: 13.313 min
Delta R.T.: -0.015 min
Response: 2710872
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

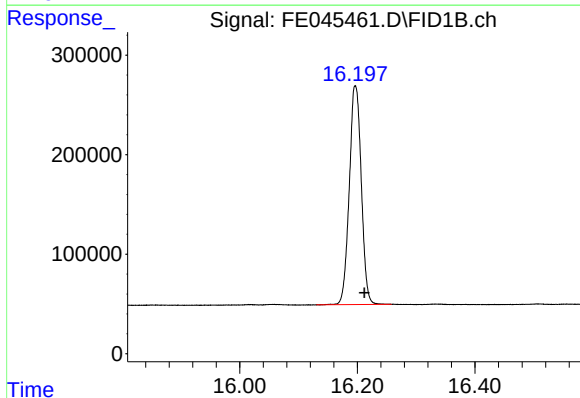
R.T.: 14.069 min
Delta R.T.: -0.015 min
Response: 3034550
Conc: 20.03 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



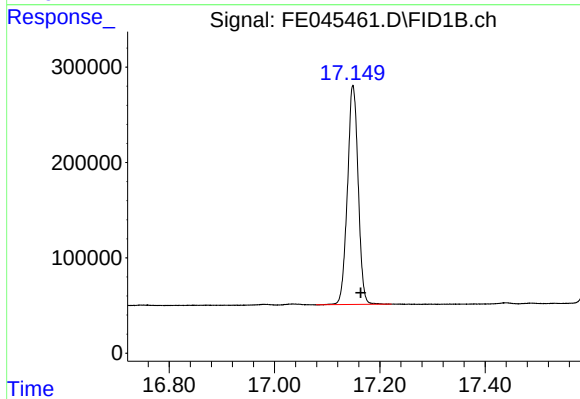
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.014 min
Response: 3072180
Conc: 20.74 ug/ml



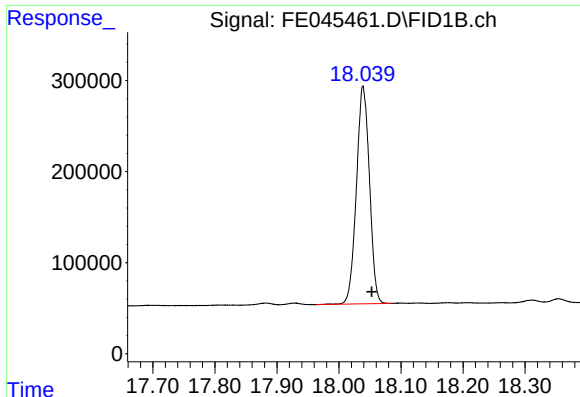
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.015 min
Response: 3111568
Conc: 21.35 ug/ml



#16 n-Octacosane (C28)

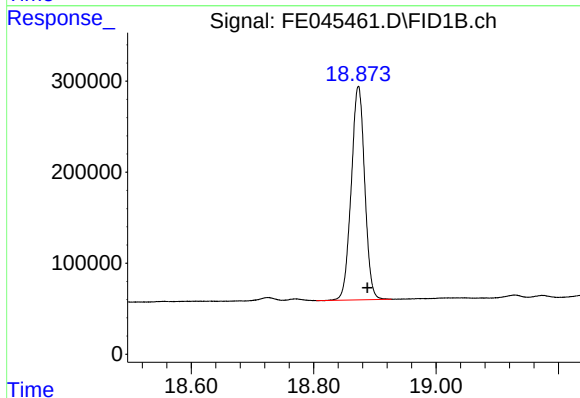
R.T.: 17.149 min
Delta R.T.: -0.015 min
Response: 3252240
Conc: 22.26 ug/ml



#17 n-Tricontane (C30)

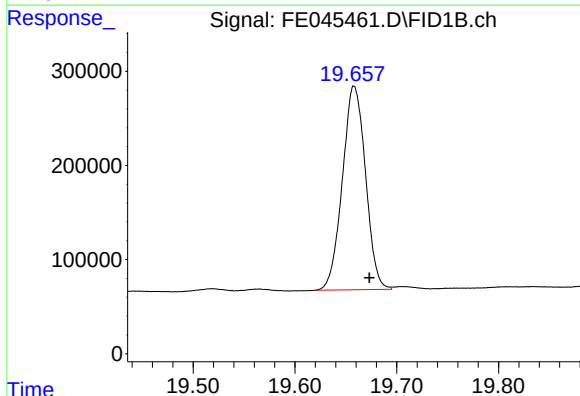
R.T.: 18.039 min
Delta R.T.: -0.014 min
Response: 3491103
Conc: 22.98 ug/ml

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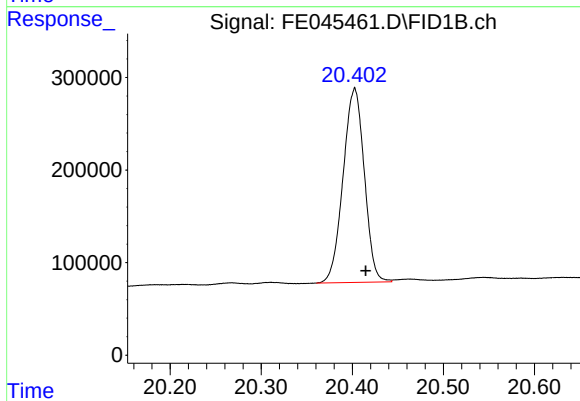
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.014 min
Response: 3587829
Conc: 22.97 ug/ml



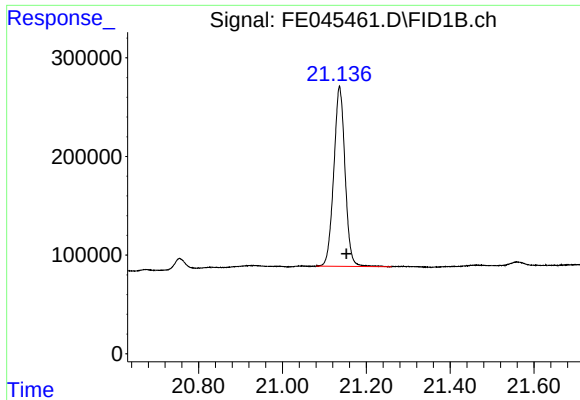
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.015 min
Response: 3413999
Conc: 21.87 ug/ml



#20 n-Hexatriacontane (C36)

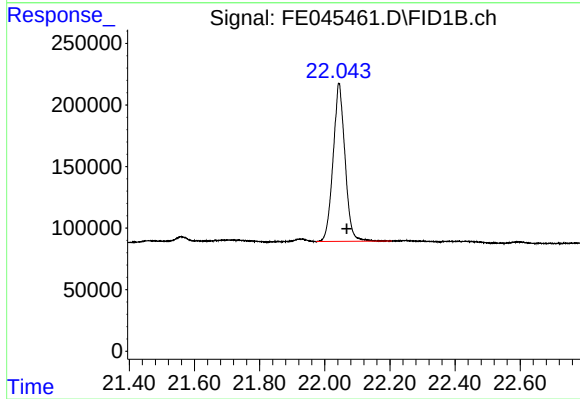
R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 3395051
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.016 min
Response: 3402273
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.024 min
Response: 3256945
Conc: 19.07 ug/ml