

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038449.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2022 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 01 04:42:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 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)	11.968	3518309	20.447 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	13.401	2702937	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.367	3364162	21.843 ug/ml
2) T n-Decane (C10)	4.614	3384264	21.803 ug/ml
3) T A~Naphthalene (C11.7)	6.315	3608577	21.308 ug/ml
4) T n-Dodecane (C12)	6.775	3389988	21.701 ug/ml
5) T A~2-methylnaphthalene...	7.409	3485506	20.798 ug/ml
6) T n-Tetradecane (C14)	8.601	3362947	21.504 ug/ml
7) T n-Hexadecane (C16)	10.207	3355098	21.236 ug/ml
8) T n-Octadecane (C18)	11.648	3349709	20.912 ug/ml
10) T n-Eicosane (C20)	12.957	3294892	20.449 ug/ml
11) T n-Heneicosane (C21)	13.568	3268662	20.235 ug/ml
13) T n-Docosane (C22)	14.153	3248933	20.125 ug/ml
14) T n-Tetracosane (C24)	15.255	3150898	19.644 ug/ml
15) T n-Hexacosane (C26)	16.273	3069619	19.326 ug/ml
16) T n-Octacosane (C28)	17.222	2998483	19.112 ug/ml
17) T n-Tricontane (C30)	18.109	2962130	18.565 ug/ml
18) T n-Dotriacontane (C32)	18.940	3053883	19.369 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2519331	17.089 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2916822	20.414 ug/ml
21) T n-Octatriacontane (C38)	21.204	2880412	21.326 ug/ml
22) T n-Tetracontane (C40)	22.132	2918206	23.118 ug/ml

(f)=RT Delta > 1/2 Window

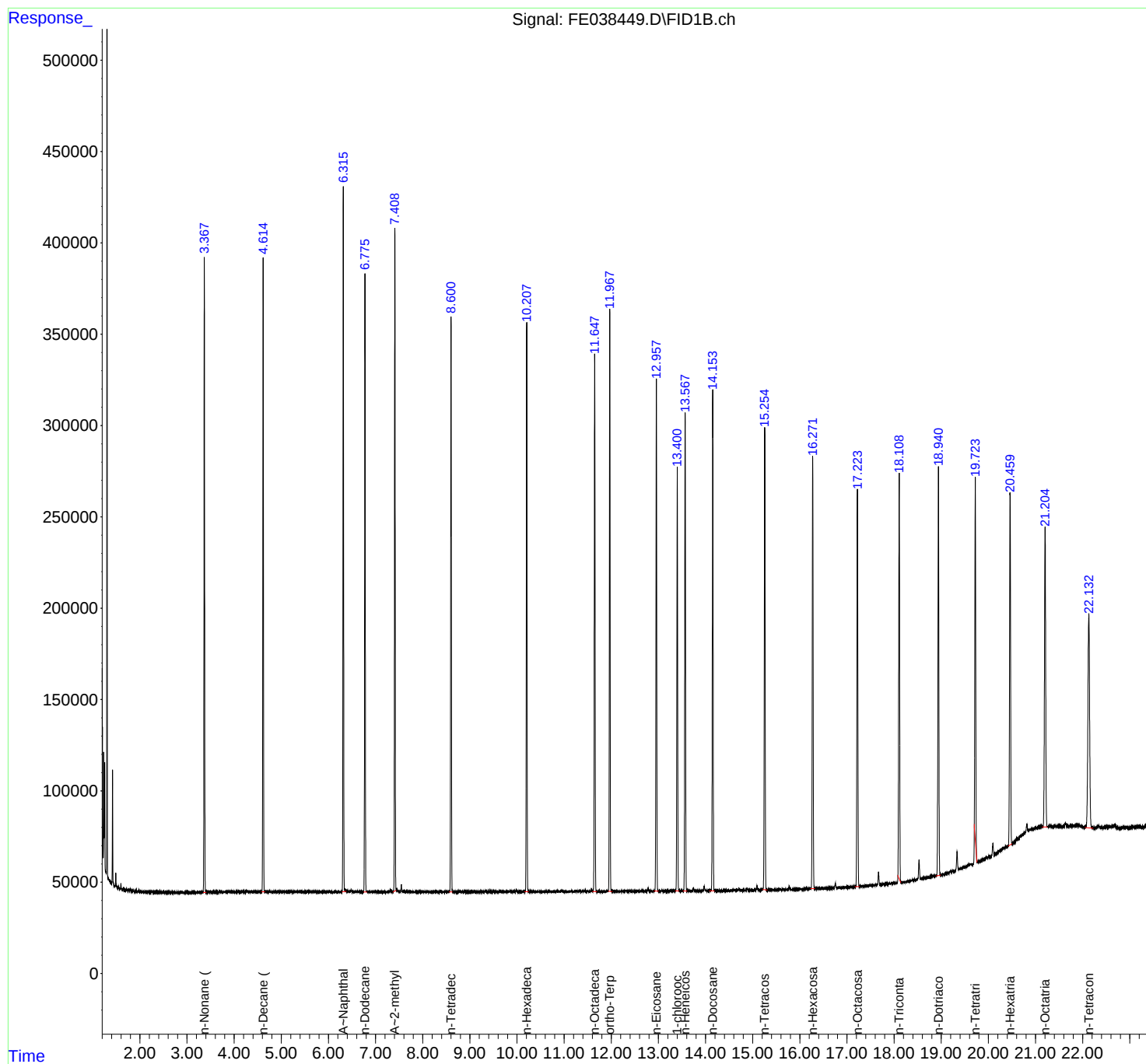
(m)=manual int.

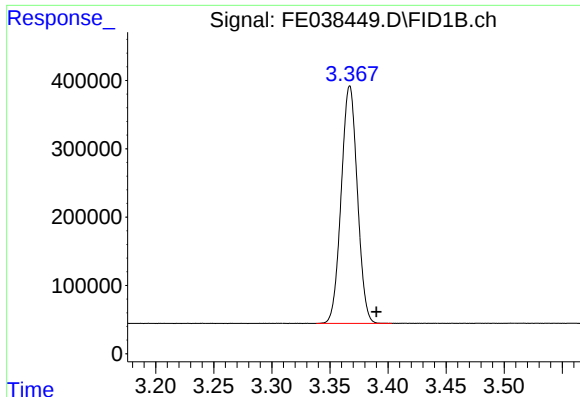
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Signal Info : 20M x 0.18mm x 0.18um

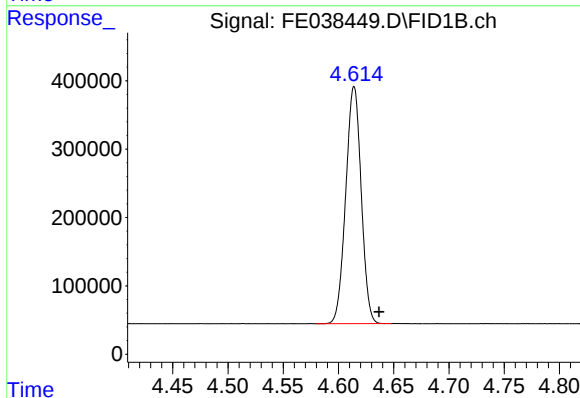




#1 n-Nonane (C9)

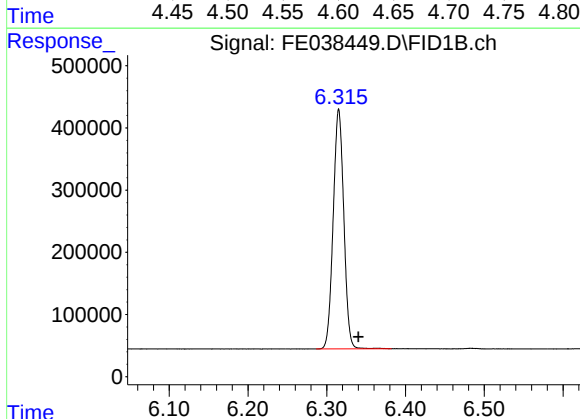
R.T.: 3.367 min
Delta R.T.: -0.023 min
Response: 3364162
Conc: 21.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



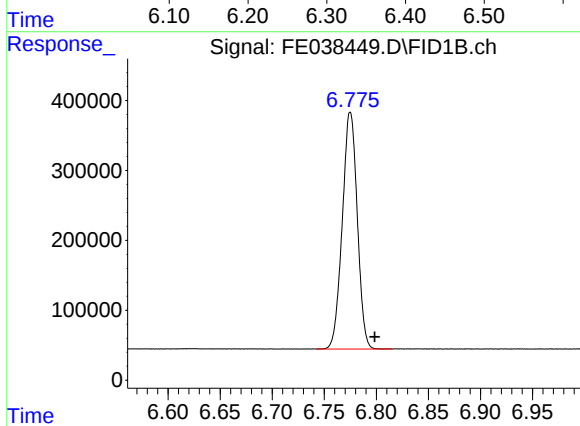
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.023 min
Response: 3384264
Conc: 21.80 ug/ml



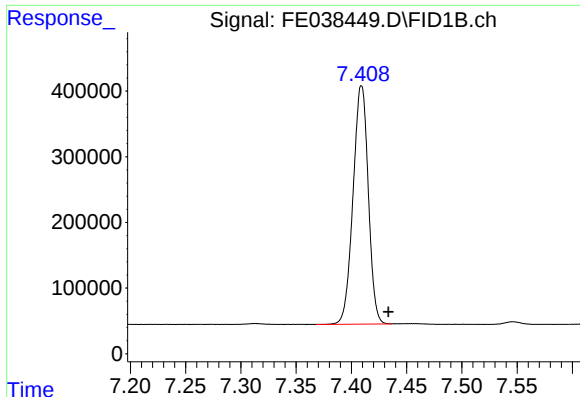
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.025 min
Response: 3608577
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

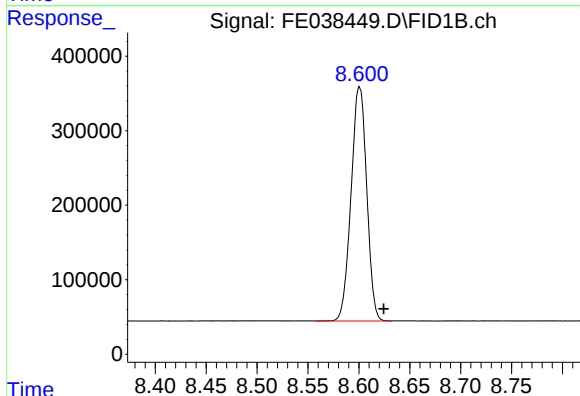
R.T.: 6.775 min
Delta R.T.: -0.023 min
Response: 3389988
Conc: 21.70 ug/ml



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

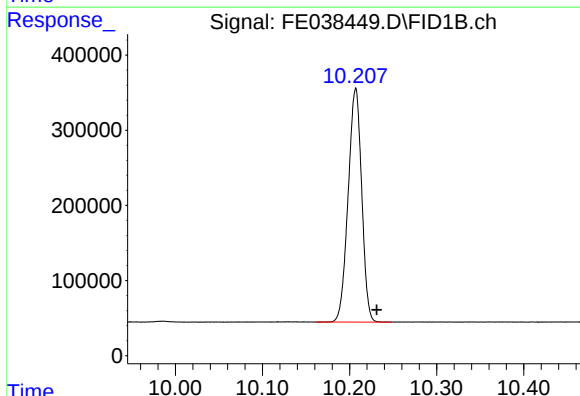
R.T.: 7.409 min
Delta R.T.: -0.024 min
Response: 3485506
Conc: 20.80 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



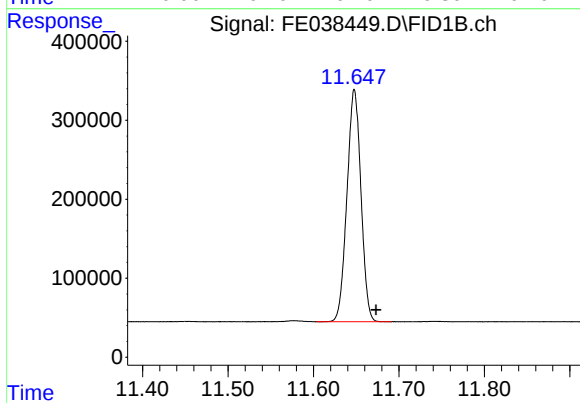
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.024 min
Response: 3362947
Conc: 21.50 ug/ml



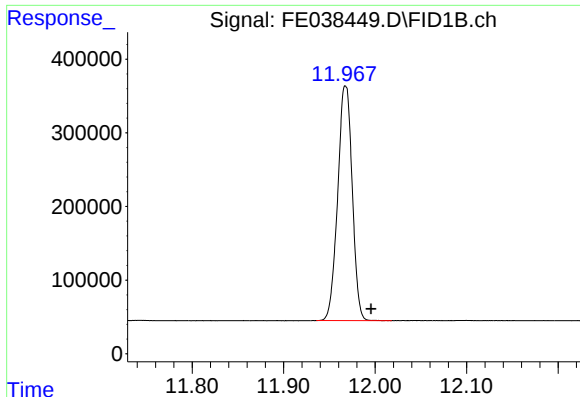
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.024 min
Response: 3355098
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

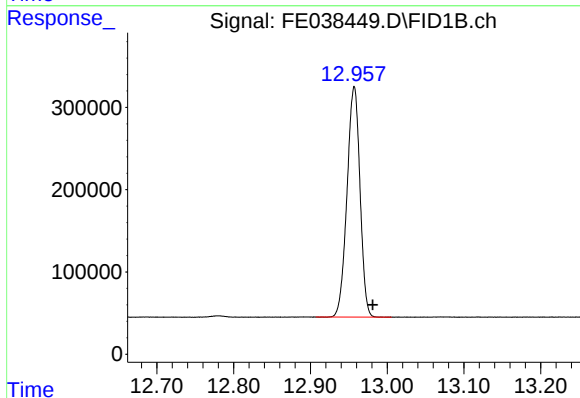
R.T.: 11.648 min
Delta R.T.: -0.026 min
Response: 3349709
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

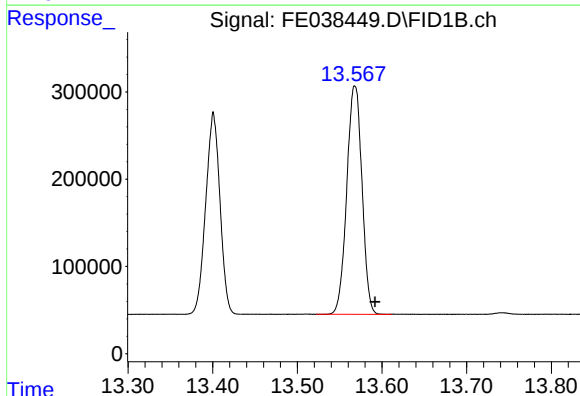
R.T.: 11.968 min
Delta R.T.: -0.028 min
Response: 3518309
Conc: 20.45 ug/ml

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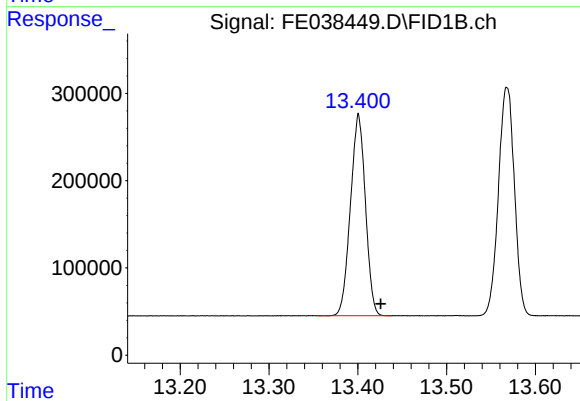
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.024 min
Response: 3294892
Conc: 20.45 ug/ml



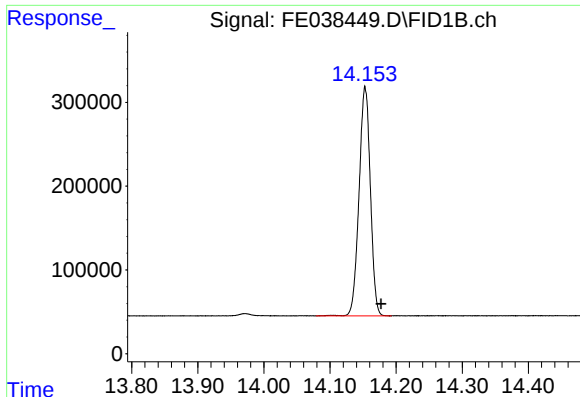
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.024 min
Response: 3268662
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

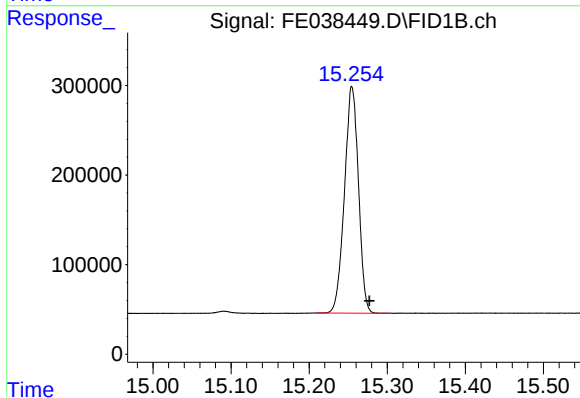
R.T.: 13.401 min
Delta R.T.: -0.025 min
Response: 2702937
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

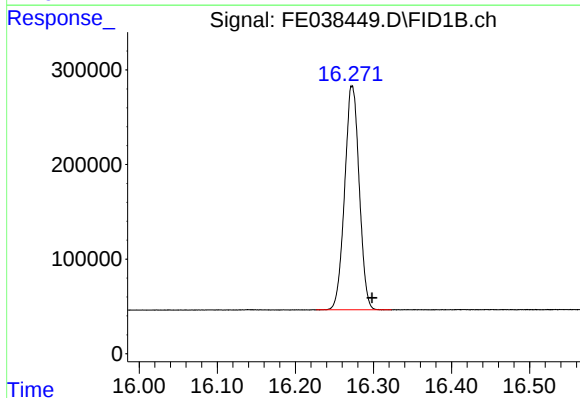
R.T.: 14.153 min
Delta R.T.: -0.024 min
Response: 3248933
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



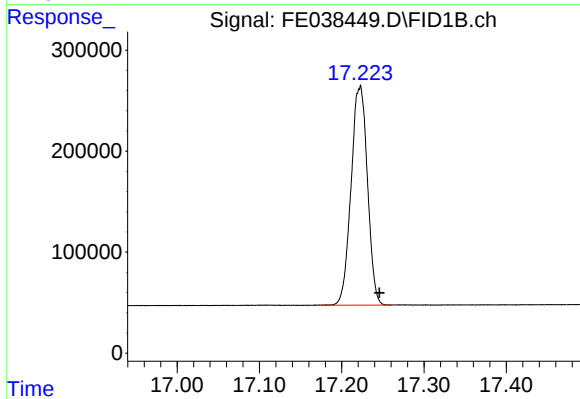
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.023 min
Response: 3150898
Conc: 19.64 ug/ml



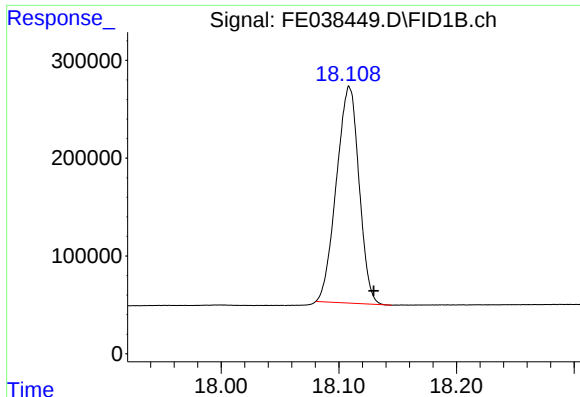
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.026 min
Response: 3069619
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

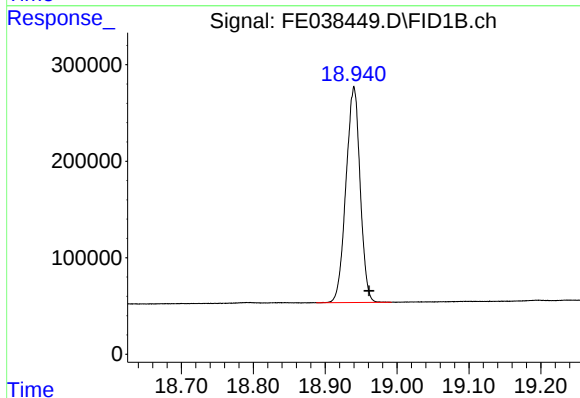
R.T.: 17.222 min
Delta R.T.: -0.024 min
Response: 2998483
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

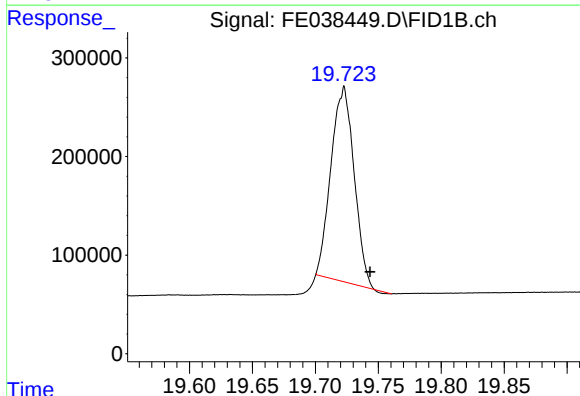
R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 2962130
Conc: 18.56 ug/ml

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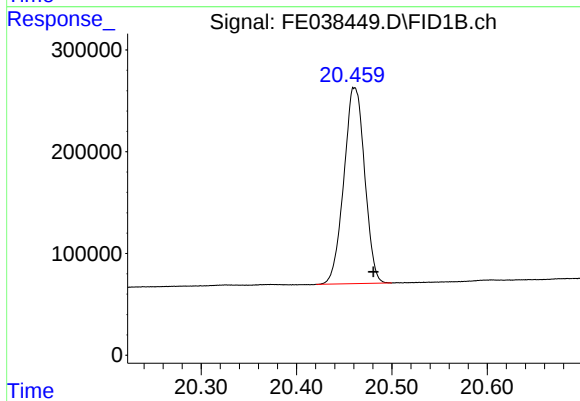
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.021 min
Response: 3053883
Conc: 19.37 ug/ml



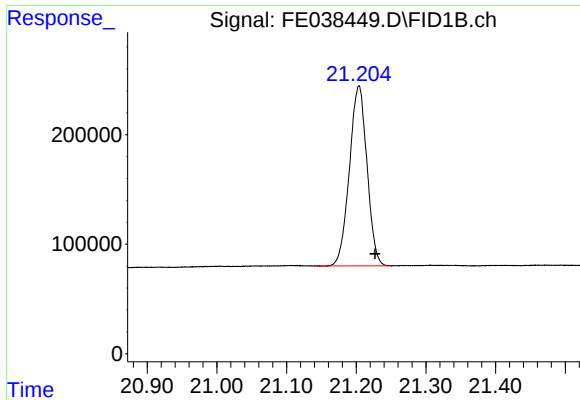
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.021 min
Response: 2519331
Conc: 17.09 ug/ml



#20 n-Hexatriacontane (C36)

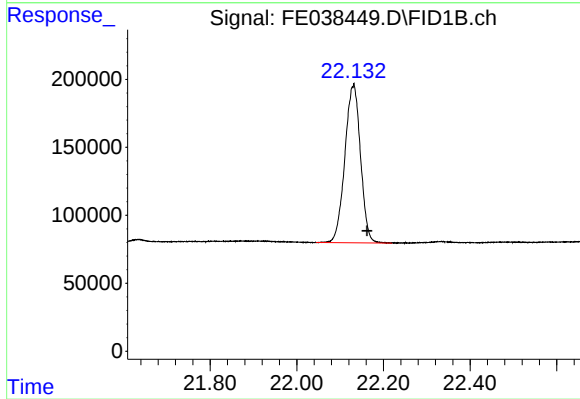
R.T.: 20.461 min
Delta R.T.: -0.020 min
Response: 2916822
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 2880412
Conc: 21.33 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 2918206
Conc: 23.12 ug/ml