

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043598.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2023 15:07
 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: sample.E
 Quant Time: Jul 28 15:34:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	3845743	21.477 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
12) S 1-chlorooctadecane (S...	13.322	2845573	21.657 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
Target Compounds			
1) T n-Nonane (C9)	3.262	3156905	20.676 ug/ml
2) T n-Decane (C10)	4.515	3308005	21.219 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3402141	21.143 ug/ml
4) T n-Dodecane (C12)	6.686	3342312	21.211 ug/ml
5) T A~2-methylnaphthalene...	7.324	3243902	21.378 ug/ml
6) T n-Tetradecane (C14)	8.515	3349821	21.179 ug/ml
7) T n-Hexadecane (C16)	10.123	3455988	21.355 ug/ml
8) T n-Octadecane (C18)	11.566	3492929	21.427 ug/ml
10) T n-Eicosane (C20)	12.875	3339876	21.496 ug/ml
11) T n-Heneicosane (C21)	13.487	3262476	21.534 ug/ml
13) T n-Docosane (C22)	14.073	3252402	21.762 ug/ml
14) T n-Tetracosane (C24)	15.176	3193468	21.745 ug/ml
15) T n-Hexacosane (C26)	16.196	3133633	22.001 ug/ml
16) T n-Octacosane (C28)	17.149	3138730	22.307 ug/ml
17) T n-Tricontane (C30)	18.036	3371799	22.888 ug/ml
18) T n-Dotriacontane (C32)	18.868	3440211	23.217 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3309075	22.929 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3151810	21.444 ug/ml
21) T n-Octatriacontane (C38)	21.128	3103907	21.759 ug/ml
22) T n-Tetracontane (C40)	22.033	3112765	21.092 ug/ml

(f)=RT Delta > 1/2 Window

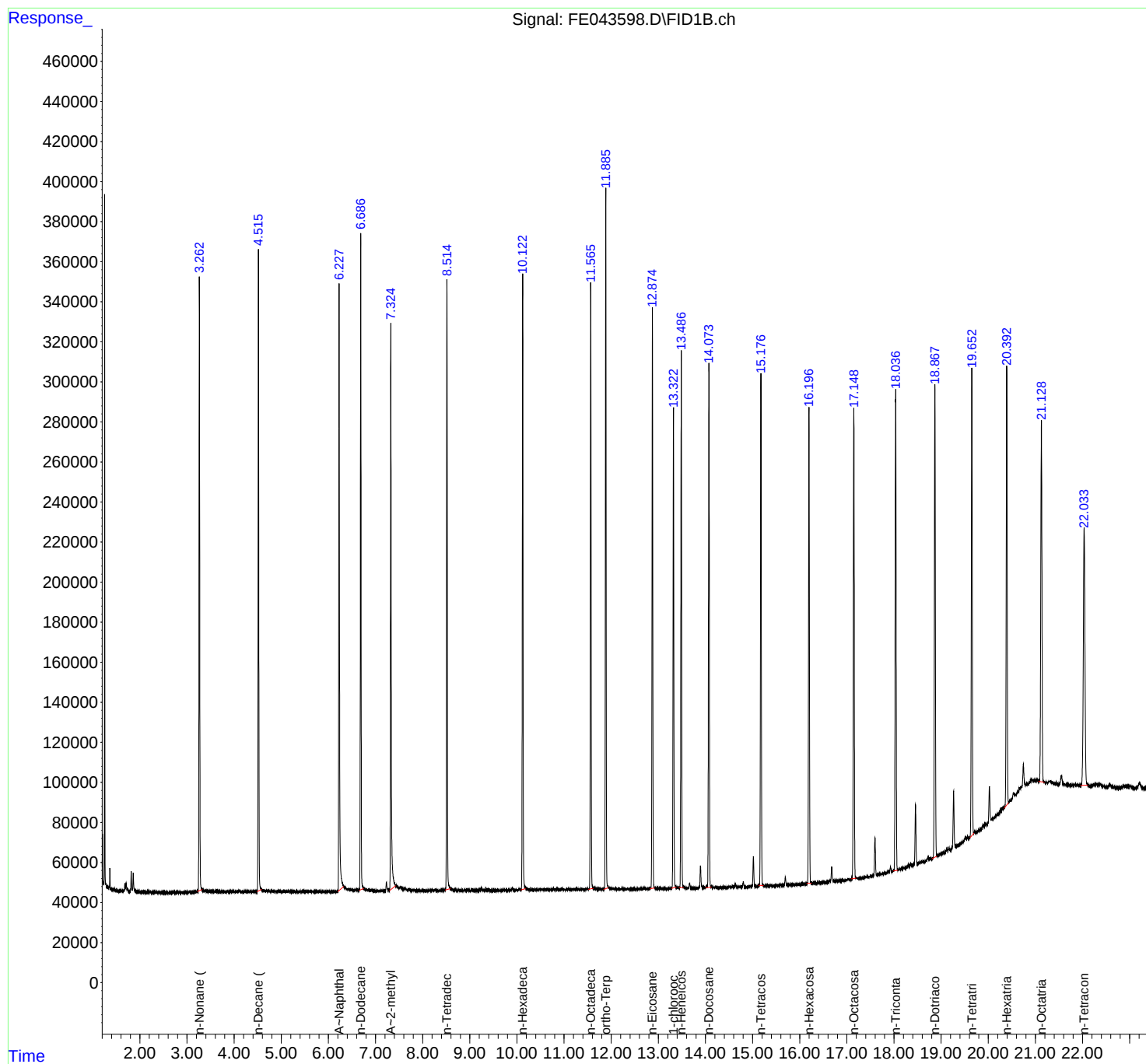
(m)=manual int.

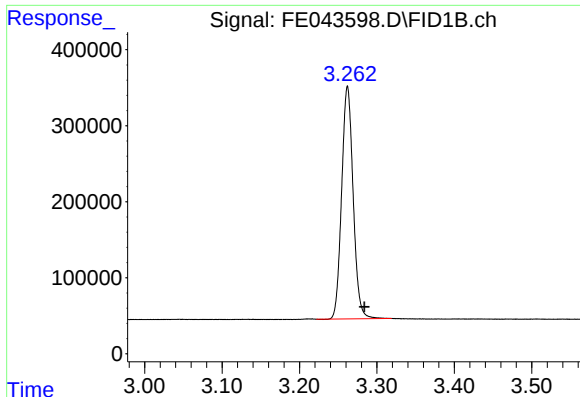
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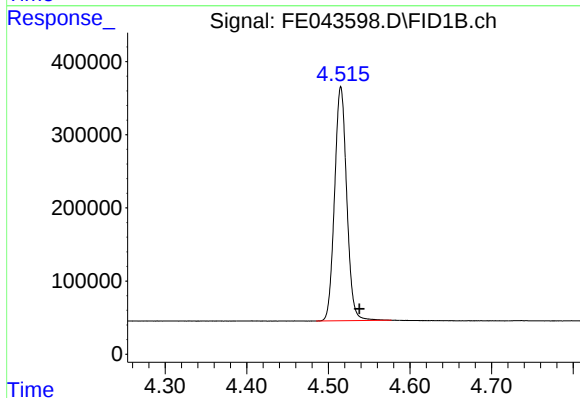




#1 n-Nonane (C9)

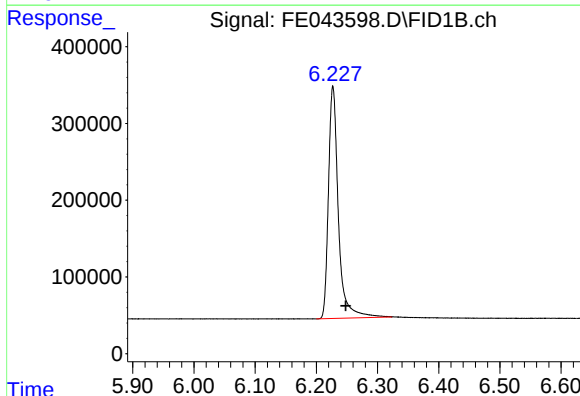
R.T.: 3.262 min
Delta R.T.: -0.022 min
Response: 3156905
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



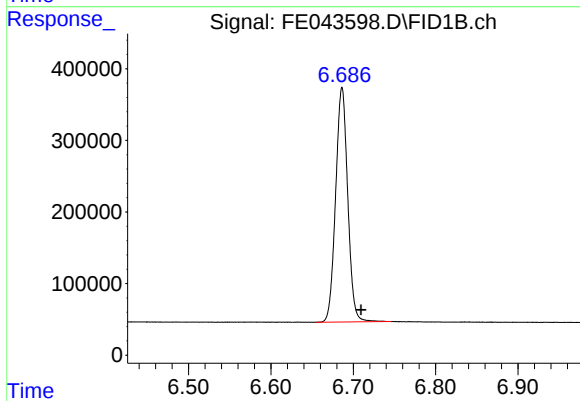
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.023 min
Response: 3308005
Conc: 21.22 ug/ml



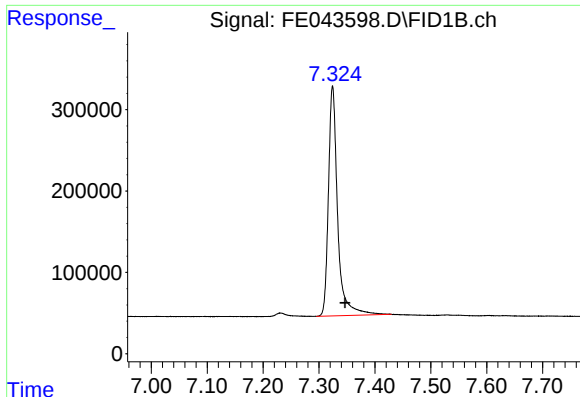
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.021 min
Response: 3402141
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

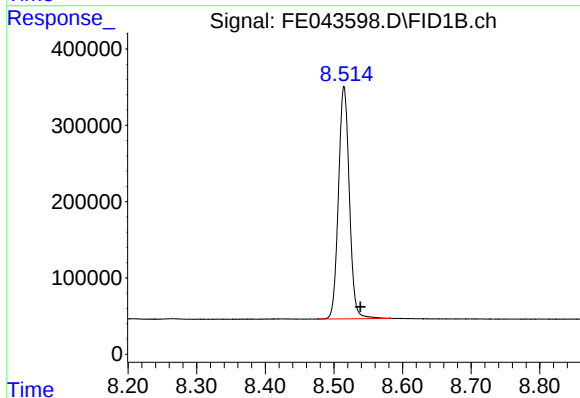
R.T.: 6.686 min
Delta R.T.: -0.023 min
Response: 3342312
Conc: 21.21 ug/ml



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

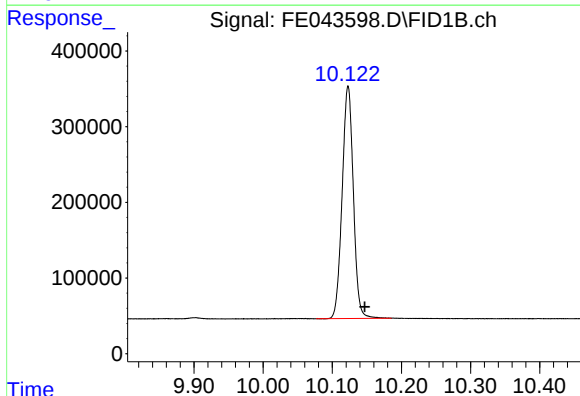
R.T.: 7.324 min
Delta R.T.: -0.022 min
Response: 3243902
Conc: 21.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



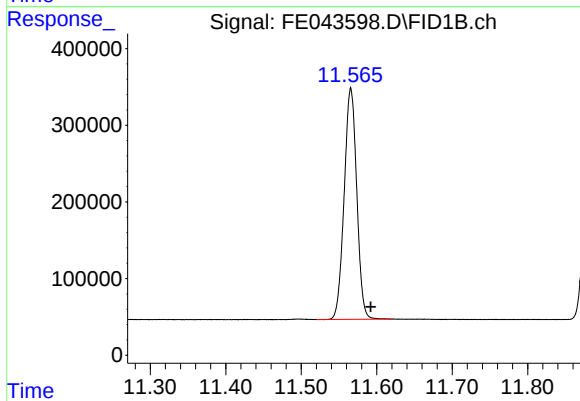
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.024 min
Response: 3349821
Conc: 21.18 ug/ml



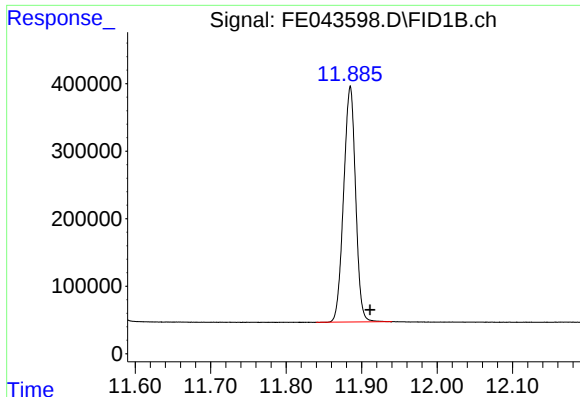
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.024 min
Response: 3455988
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

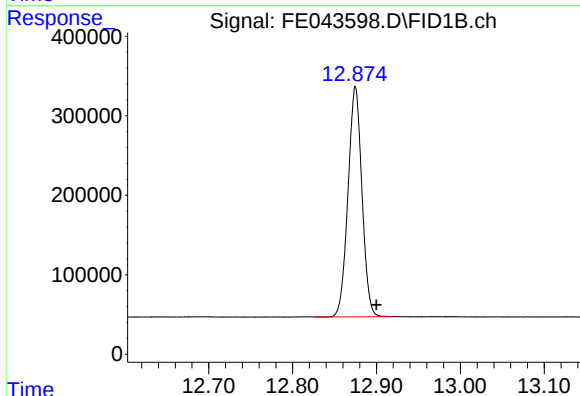
R.T.: 11.566 min
Delta R.T.: -0.026 min
Response: 3492929
Conc: 21.43 ug/ml



#9 ortho-Terphenyl (SURR)

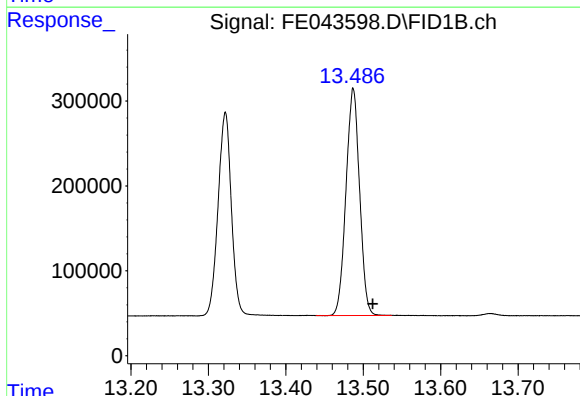
R.T.: 11.885 min
Delta R.T.: -0.026 min
Response: 3845743
Conc: 21.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



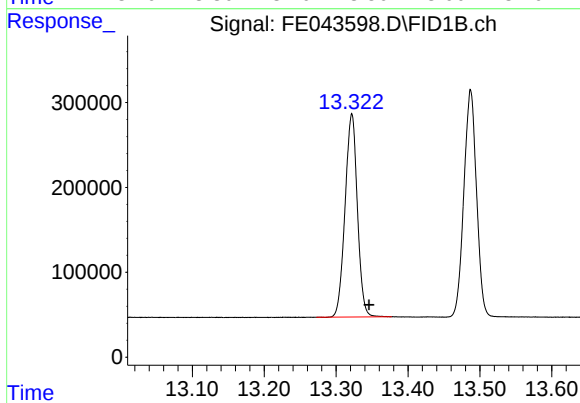
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.025 min
Response: 3339876
Conc: 21.50 ug/ml



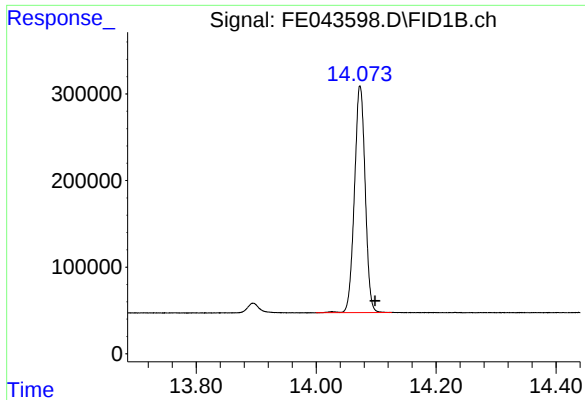
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.025 min
Response: 3262476
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

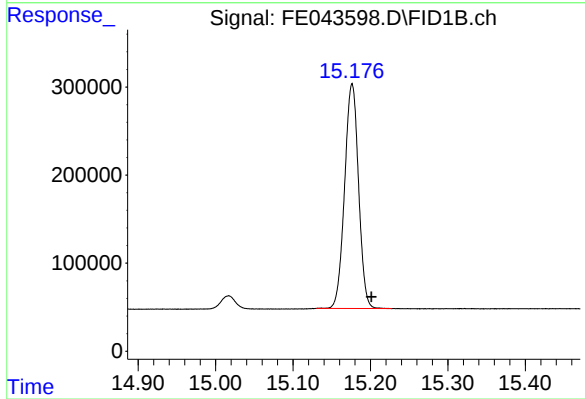
R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 2845573
Conc: 21.66 ug/ml



#13 n-Docosane (C22)

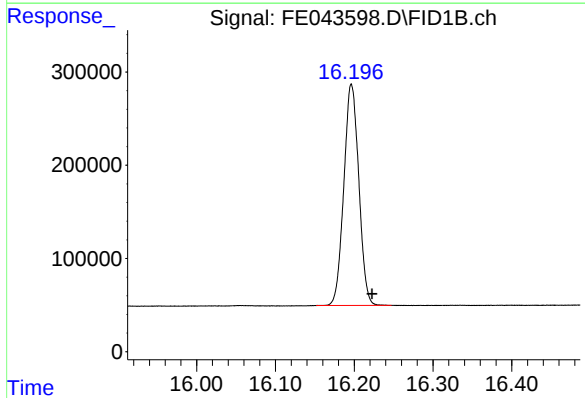
R.T.: 14.073 min
Delta R.T.: -0.025 min
Response: 3252402
Conc: 21.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



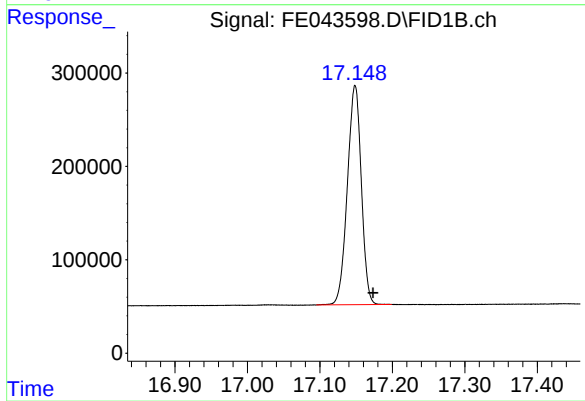
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.025 min
Response: 3193468
Conc: 21.74 ug/ml



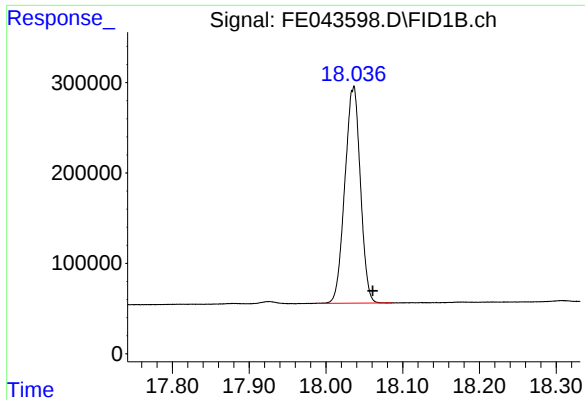
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.026 min
Response: 3133633
Conc: 22.00 ug/ml



#16 n-Octacosane (C28)

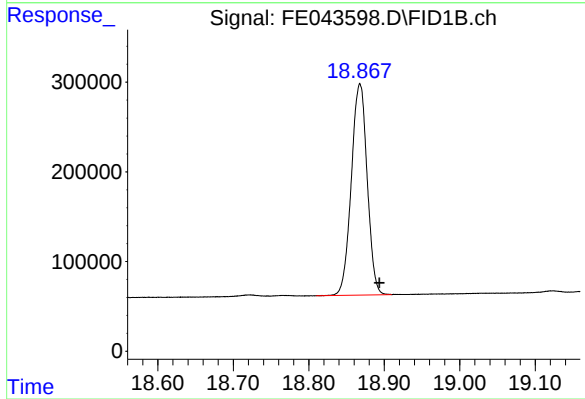
R.T.: 17.149 min
Delta R.T.: -0.025 min
Response: 3138730
Conc: 22.31 ug/ml



#17 n-Tricontane (C30)

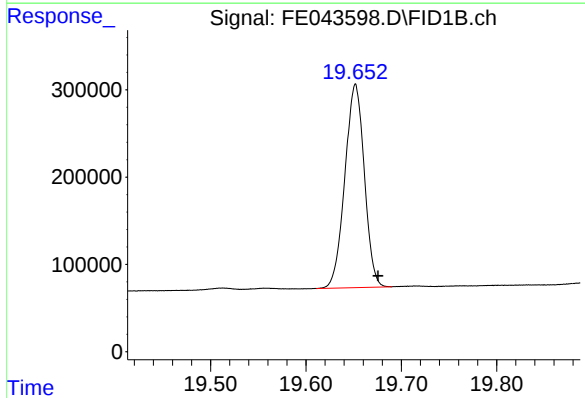
R.T.: 18.036 min
Delta R.T.: -0.025 min
Response: 3371799
Conc: 22.89 ug/ml

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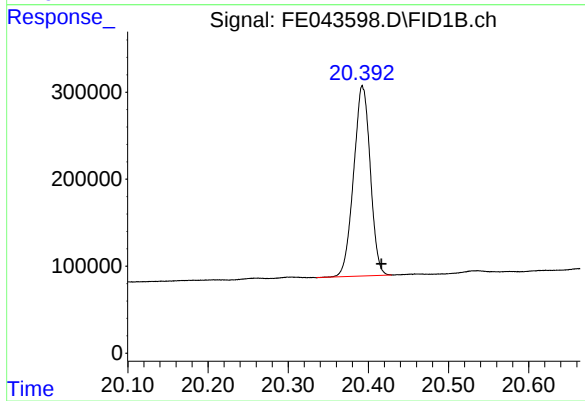
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.026 min
Response: 3440211
Conc: 23.22 ug/ml



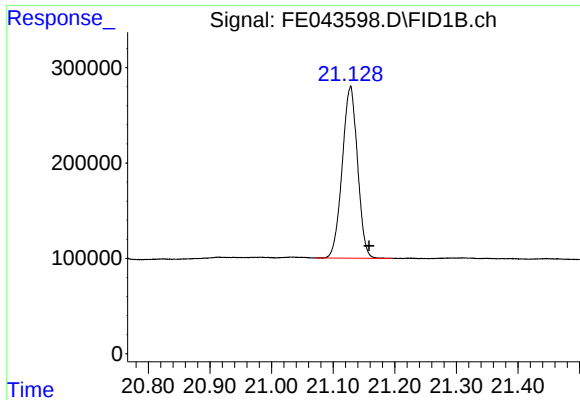
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 3309075
Conc: 22.93 ug/ml



#20 n-Hexatriacontane (C36)

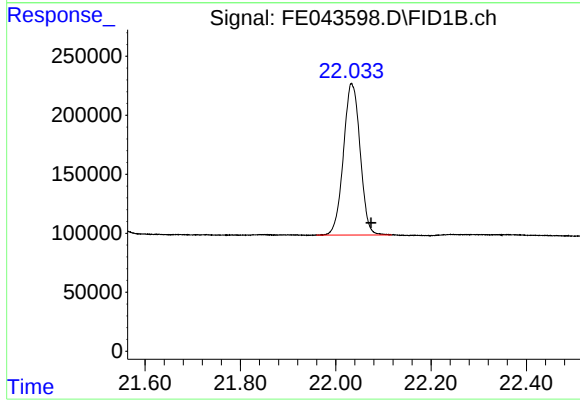
R.T.: 20.393 min
Delta R.T.: -0.024 min
Response: 3151810
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.030 min
Response: 3103907
Conc: 21.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 3112765
Conc: 21.09 ug/ml