

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111825AL\
 Data File : FE056896.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 10:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 18 13:39:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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			
9) S ortho-Terphenyl (SURR)	11.949	4299821	20.582 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	13.386	3271832	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.311	3579204	21.309 ug/ml
2) T n-Decane (C10)	4.563	3938549	22.953 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3983828	21.583 ug/ml
4) T n-Dodecane (C12)	6.734	4040462	23.230 ug/ml
5) T A~2-methylnaphthalene...	7.376	3803832	21.464 ug/ml
6) T n-Tetradecane (C14)	8.567	3968344	22.734 ug/ml
7) T n-Hexadecane (C16)	10.179	4041735	22.091 ug/ml
8) T n-Octadecane (C18)	11.626	4056082	21.430 ug/ml
10) T n-Eicosane (C20)	12.938	3865469	20.742 ug/ml
11) T n-Heneicosane (C21)	13.552	3757773	20.436 ug/ml
13) T n-Docosane (C22)	14.140	3788113	20.236 ug/ml
14) T n-Tetracosane (C24)	15.246	3900284	19.913 ug/ml
15) T n-Hexacosane (C26)	16.270	3869491	19.911 ug/ml
16) T n-Octacosane (C28)	17.221	3926062	20.273 ug/ml
17) T n-Tricontane (C30)	18.111	4118708	20.543 ug/ml
18) T n-Dotriacontane (C32)	18.946	4125398	20.978 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3746746	21.706 ug/ml
20) T n-Hexatriacontane (C36)	20.473	3216242	22.234 ug/ml
21) T n-Octatriacontane (C38)	21.222	3067340	24.371 ug/ml
22) T n-Tetracontane (C40)	22.155	2988521	25.849 ug/ml

(f)=RT Delta > 1/2 Window

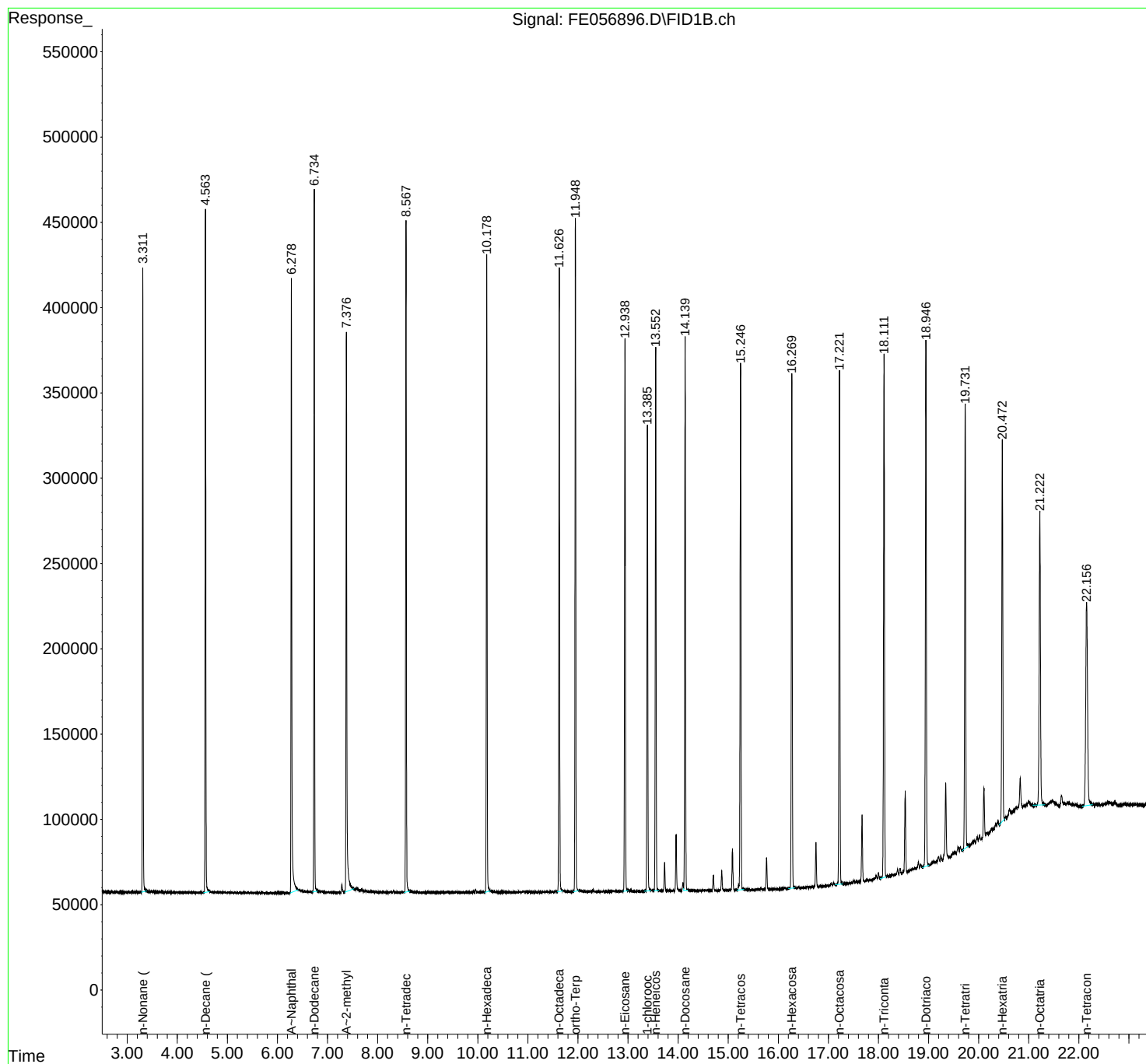
(m)=manual int.

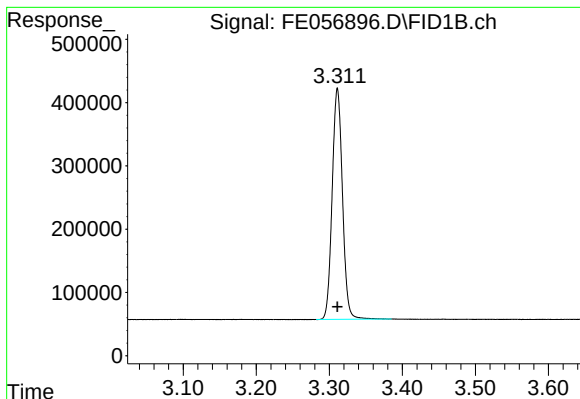
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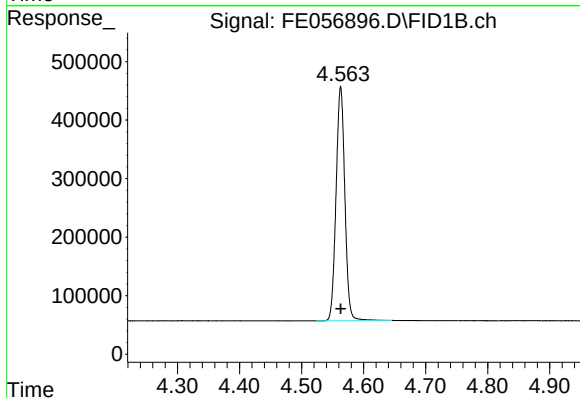




#1 n-Nonane (C9)

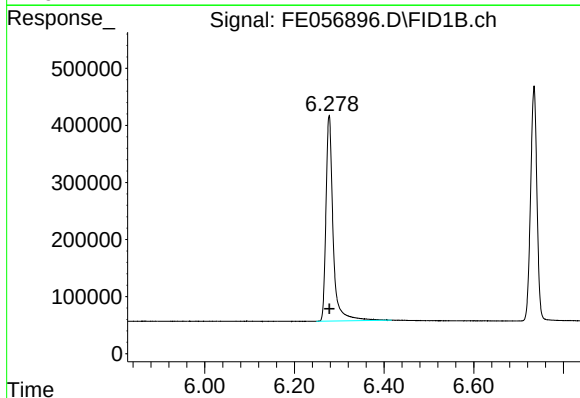
R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 3579204
Conc: 21.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



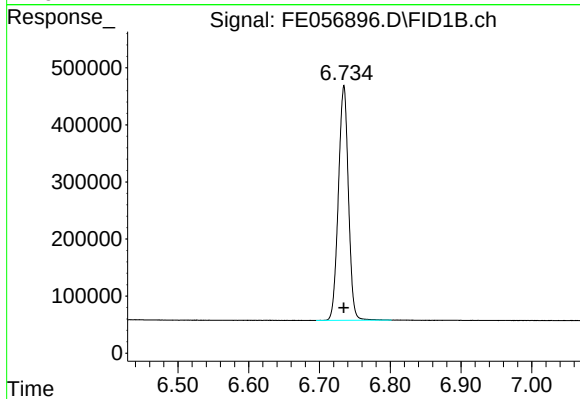
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 3938549
Conc: 22.95 ug/ml



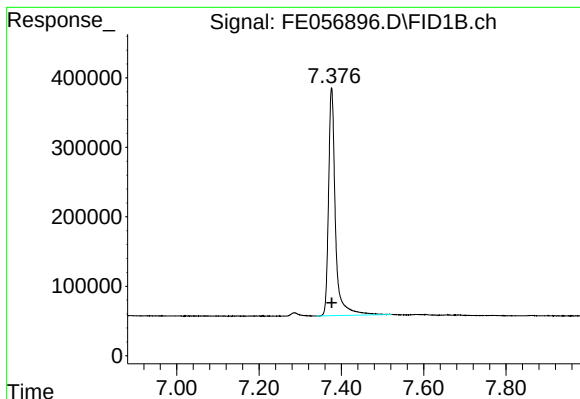
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3983828
Conc: 21.58 ug/ml



#4 n-Dodecane (C12)

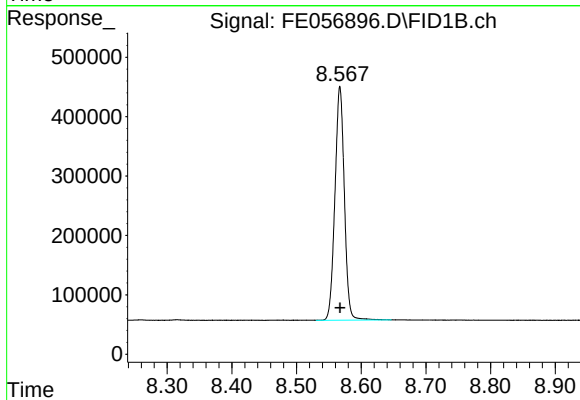
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 4040462
Conc: 23.23 ug/ml



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

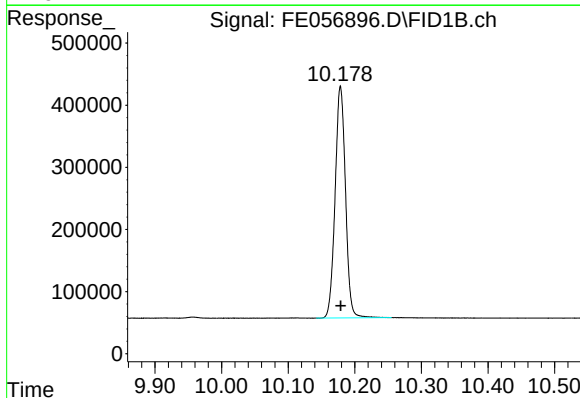
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 3803832
Conc: 21.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



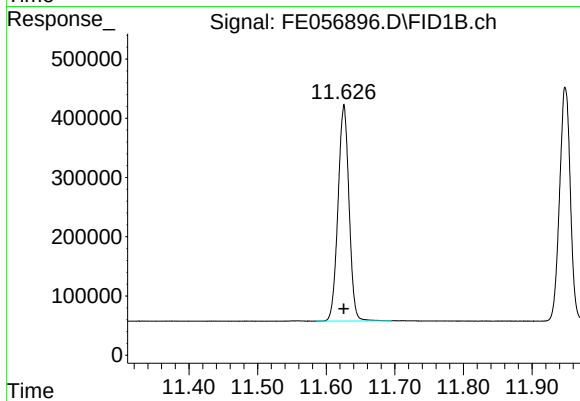
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 3968344
Conc: 22.73 ug/ml



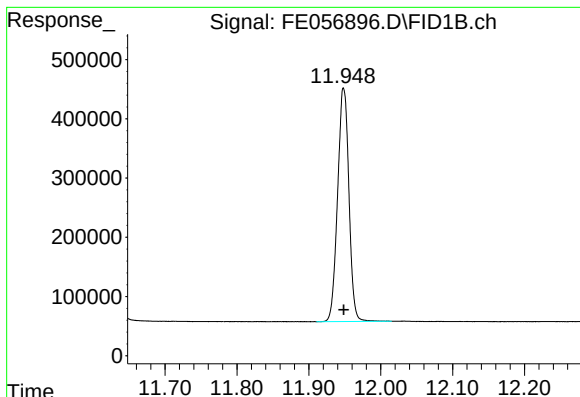
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 4041735
Conc: 22.09 ug/ml



#8 n-Octadecane (C18)

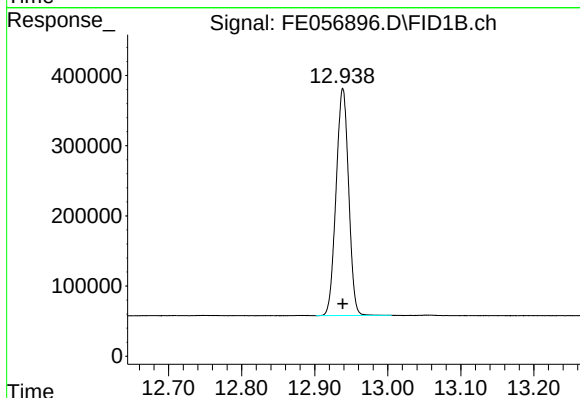
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 4056082
Conc: 21.43 ug/ml



#9 ortho-Terphenyl (SURR)

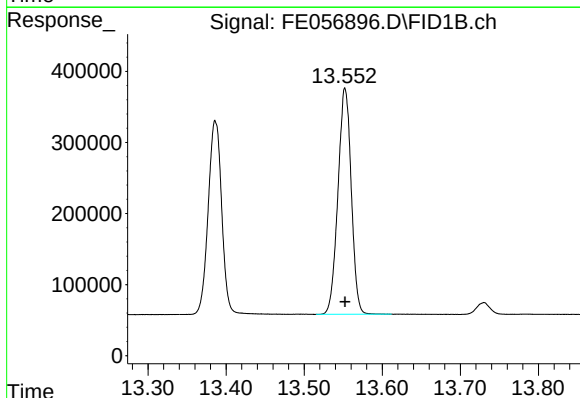
R.T.: 11.949 min
Delta R.T.: 0.000 min
Response: 4299821
Conc: 20.58 ug/ml

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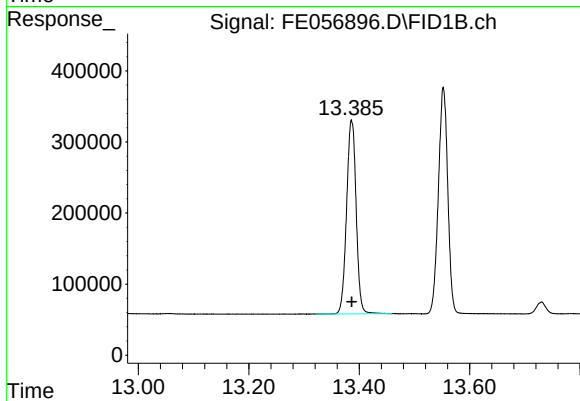
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 3865469
Conc: 20.74 ug/ml



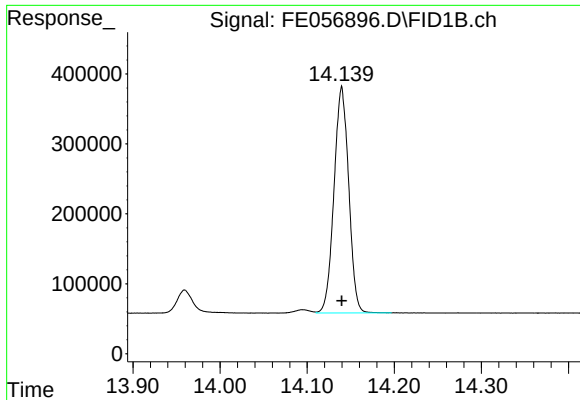
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 3757773
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

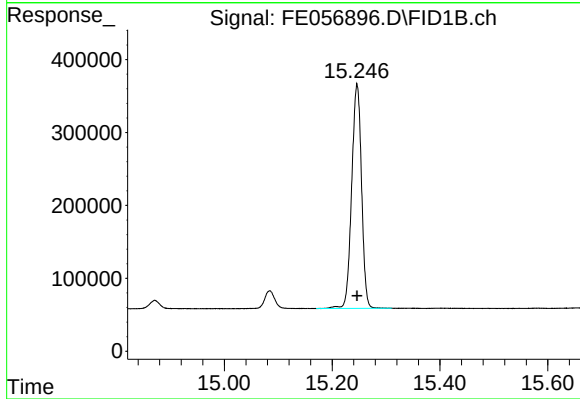
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 3271832
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

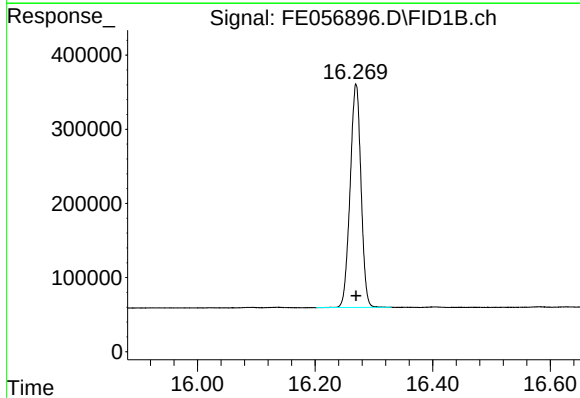
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 3788113
Conc: 20.24 ug/ml

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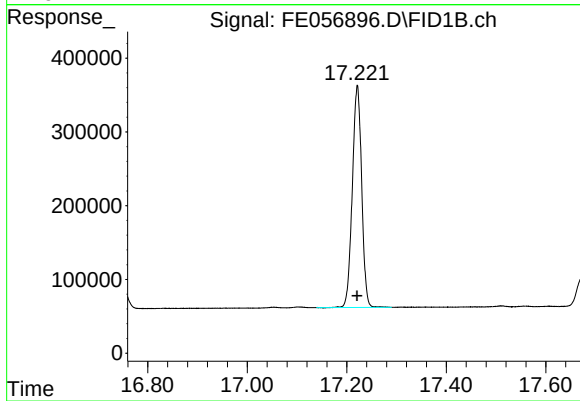
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 3900284
Conc: 19.91 ug/ml



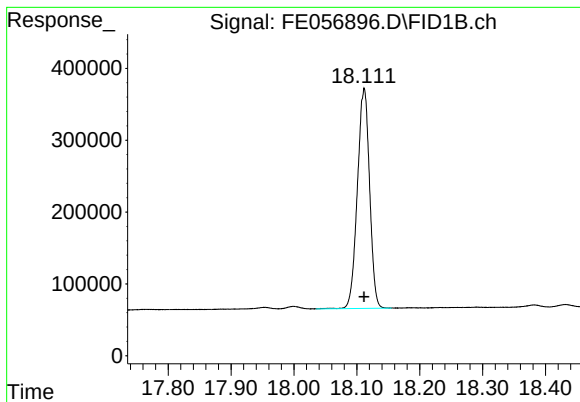
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 3869491
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

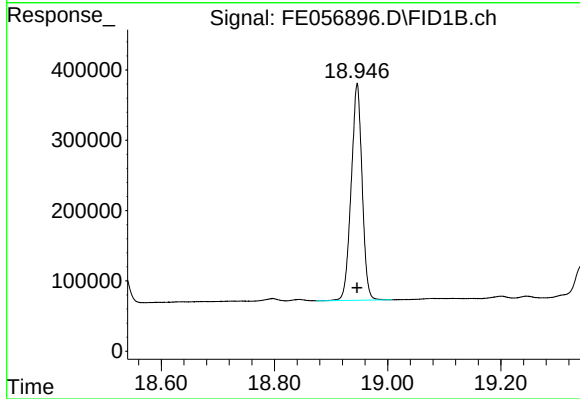
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 3926062
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

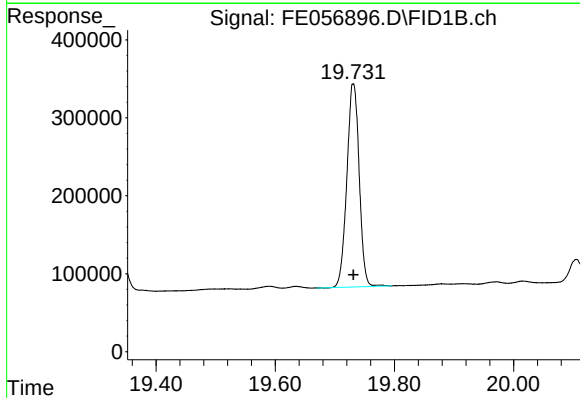
R.T.: 18.111 min
Delta R.T.: 0.000 min
Response: 4118708
Conc: 20.54 ug/ml

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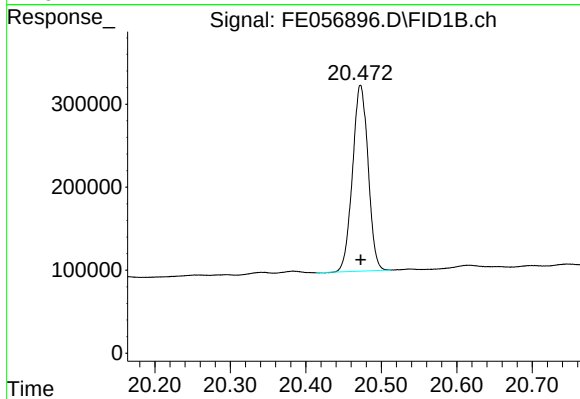
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.000 min
Response: 4125398
Conc: 20.98 ug/ml



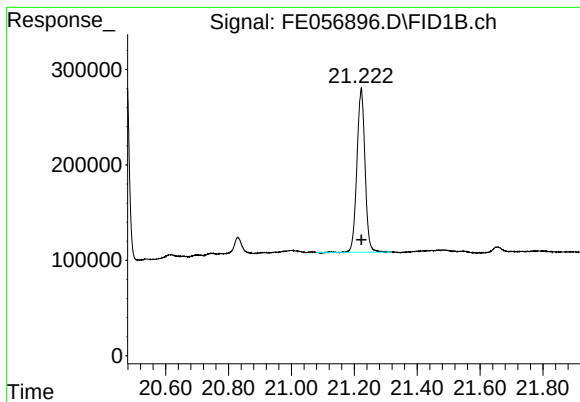
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.000 min
Response: 3746746
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

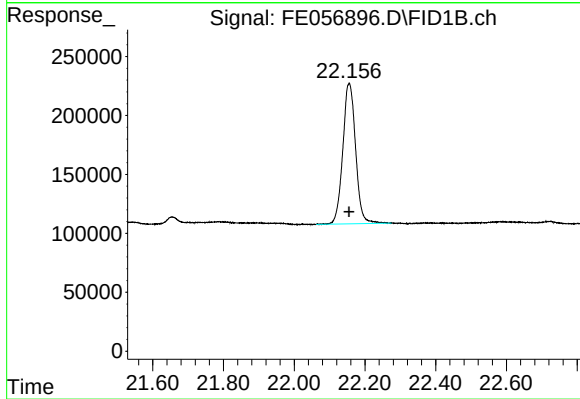
R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 3216242
Conc: 22.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.000 min
Response: 3067340
Conc: 24.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.000 min
Response: 2988521
Conc: 25.85 ug/ml