

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056582.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 13:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 14:24:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.980	4008824	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.417	3086819	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.332	3220315	19.173 ug/ml
2) T n-Decane (C10)	4.584	3275050	19.086 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3531758	19.134 ug/ml
4) T n-Dodecane (C12)	6.757	3347100	19.244 ug/ml
5) T A~2-methylnaphthalene...	7.401	3383667	19.093 ug/ml
6) T n-Tetradecane (C14)	8.593	3341354	19.142 ug/ml
7) T n-Hexadecane (C16)	10.206	3509135	19.180 ug/ml
8) T n-Octadecane (C18)	11.655	3644968	19.258 ug/ml
10) T n-Eicosane (C20)	12.969	3553503	19.068 ug/ml
11) T n-Heneicosane (C21)	13.583	3512363	19.101 ug/ml
13) T n-Docosane (C22)	14.171	3509823	18.749 ug/ml
14) T n-Tetracosane (C24)	15.278	3512587	17.934 ug/ml
15) T n-Hexacosane (C26)	16.302	3453290	17.770 ug/ml
16) T n-Octacosane (C28)	17.254	3351619	17.307 ug/ml
17) T n-Tricontane (C30)	18.145	3390073	16.908 ug/ml
18) T n-Dotriacontane (C32)	18.980	3234774	16.449 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2922196	16.929 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2540896	17.565 ug/ml
21) T n-Octatriacontane (C38)	21.262	2272110	18.052 ug/ml
22) T n-Tetracontane (C40)	22.210	2116378	18.306 ug/ml

(f)=RT Delta > 1/2 Window

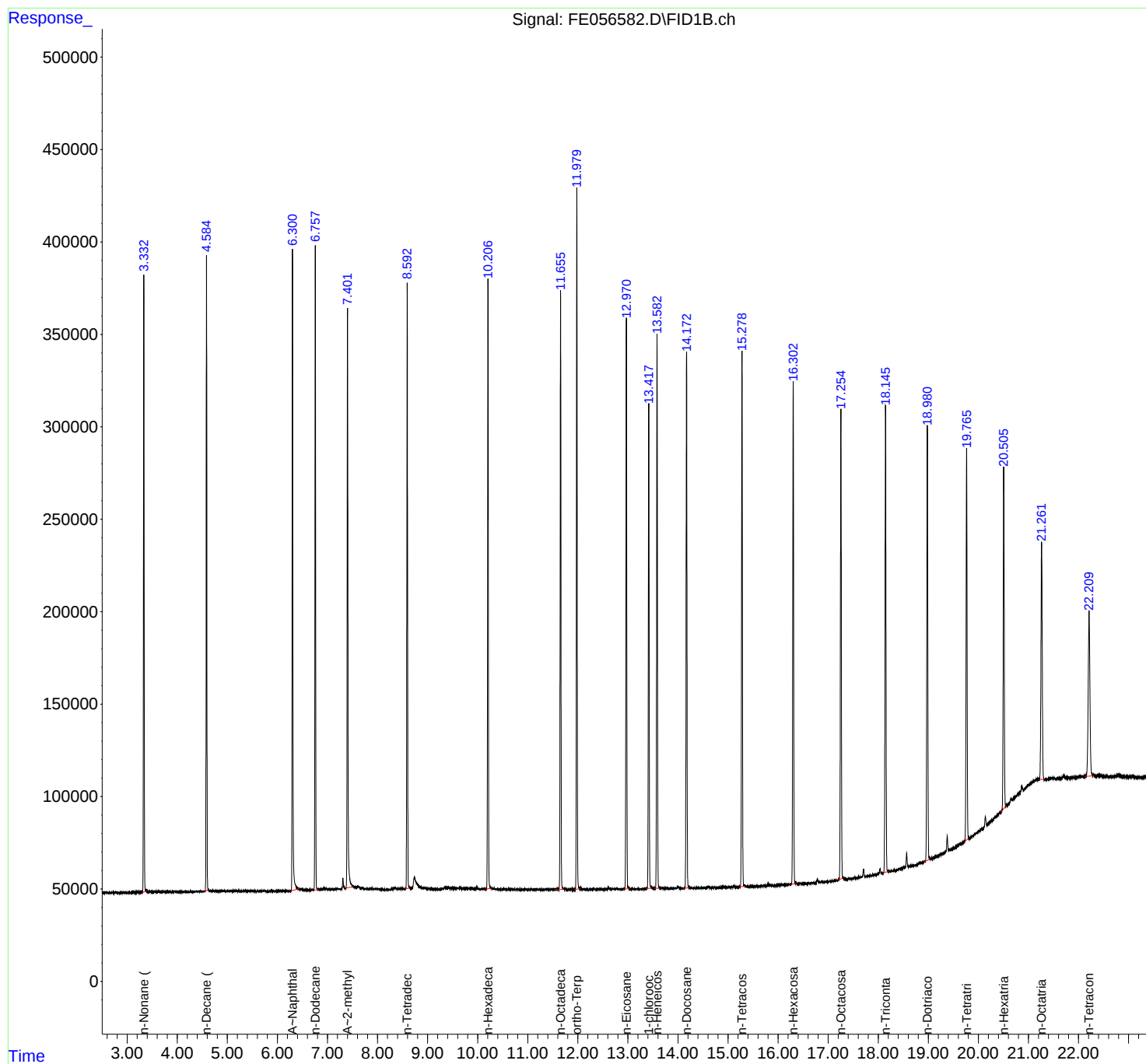
(m)=manual int.

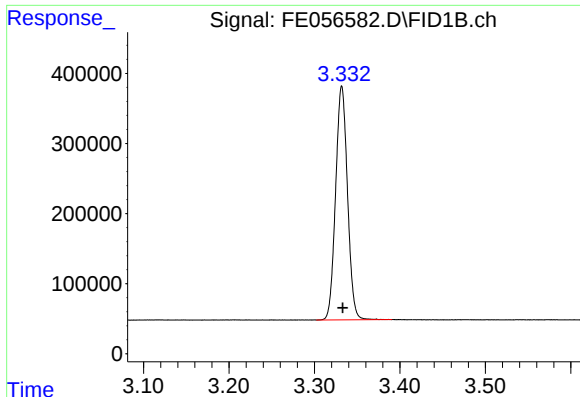
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
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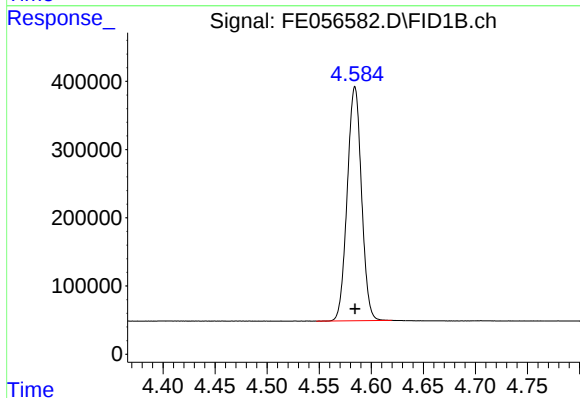




#1 n-Nonane (C9)

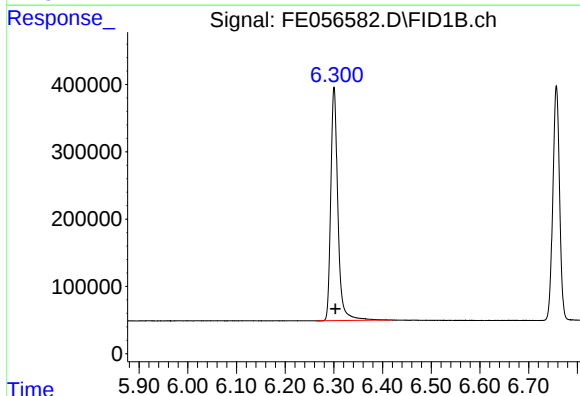
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 3220315
Conc: 19.17 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



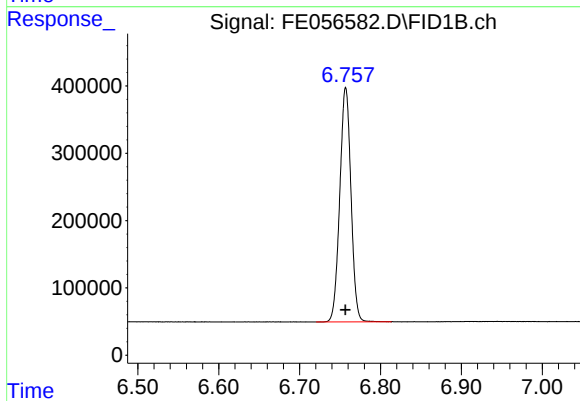
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 3275050
Conc: 19.09 ug/ml



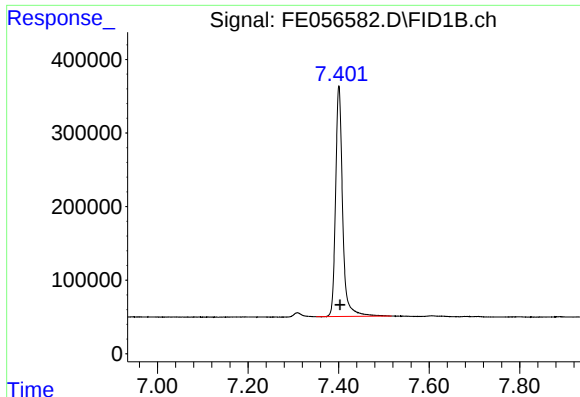
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 3531758
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

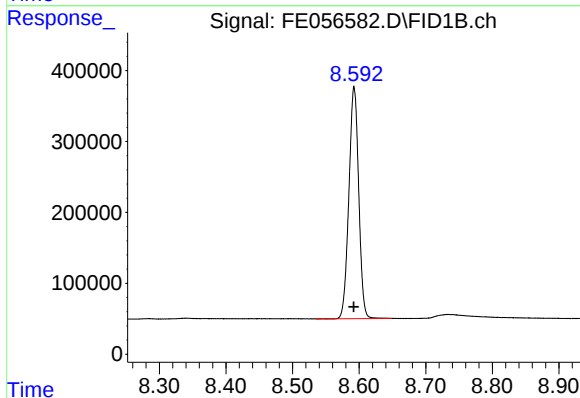
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 3347100
Conc: 19.24 ug/ml



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

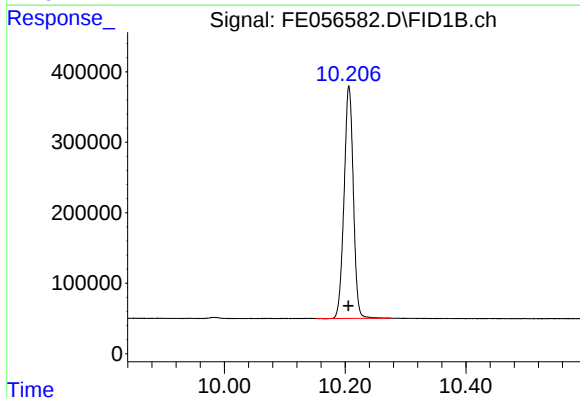
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 3383667
Conc: 19.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



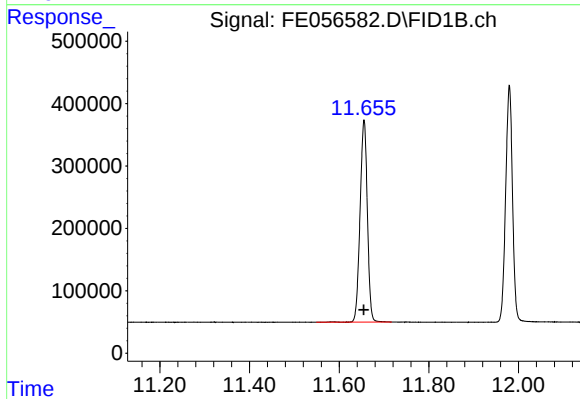
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 3341354
Conc: 19.14 ug/ml



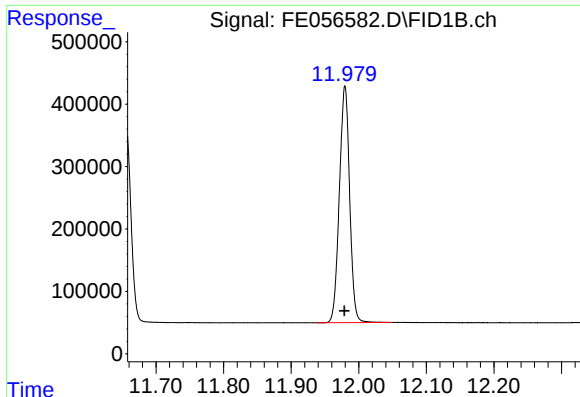
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 3509135
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

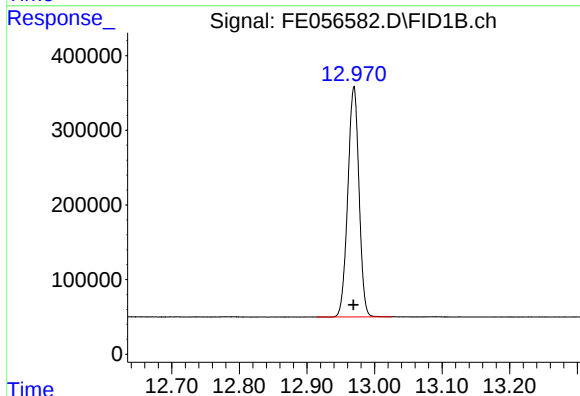
R.T.: 11.655 min
Delta R.T.: 0.001 min
Response: 3644968
Conc: 19.26 ug/ml



#9 ortho-Terphenyl (SURR)

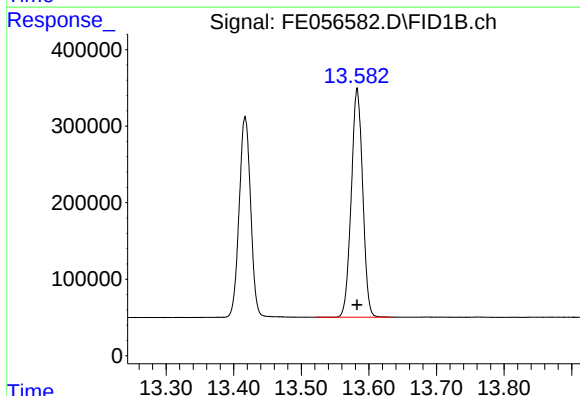
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 4008824
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



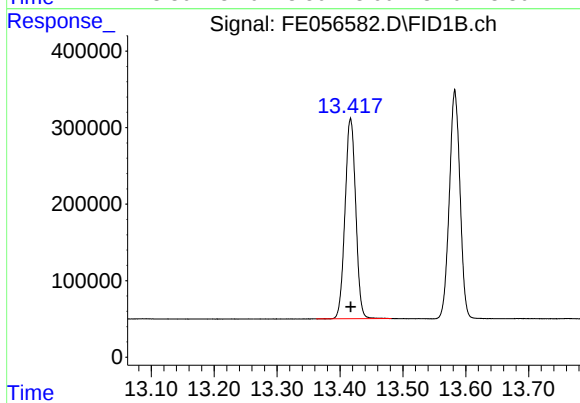
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 3553503
Conc: 19.07 ug/ml



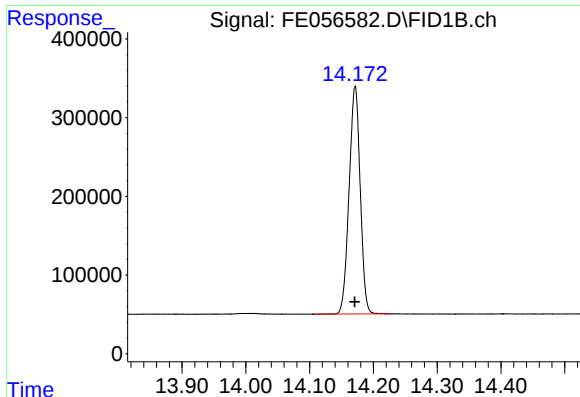
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 3512363
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

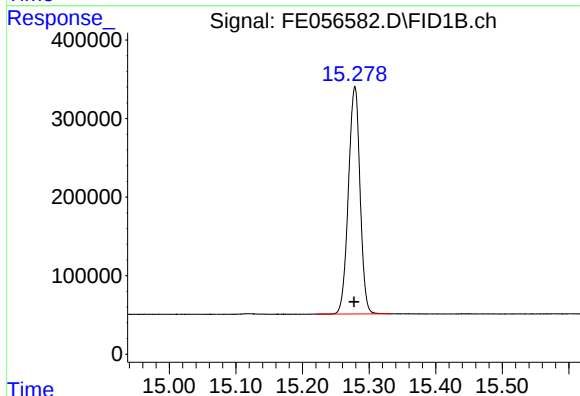
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 3086819
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

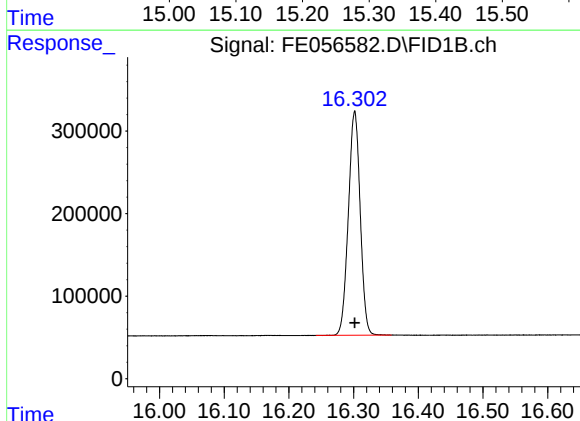
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 3509823
Conc: 18.75 ug/ml

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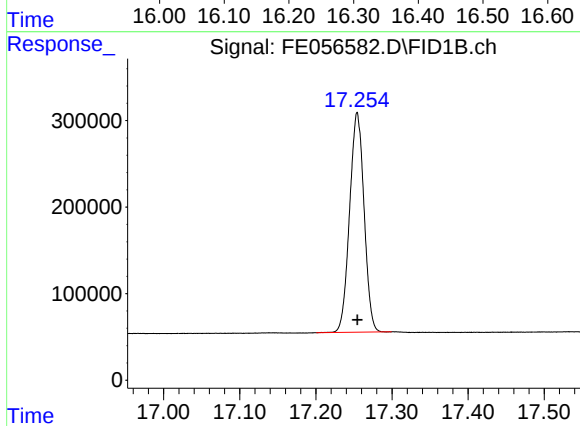
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.001 min
Response: 3512587
Conc: 17.93 ug/ml



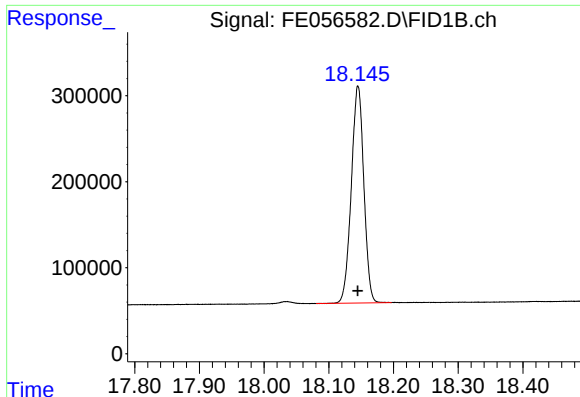
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 3453290
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

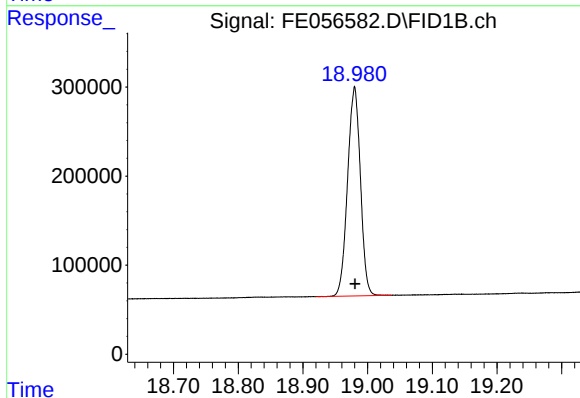
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 3351619
Conc: 17.31 ug/ml



#17 n-Tricontane (C30)

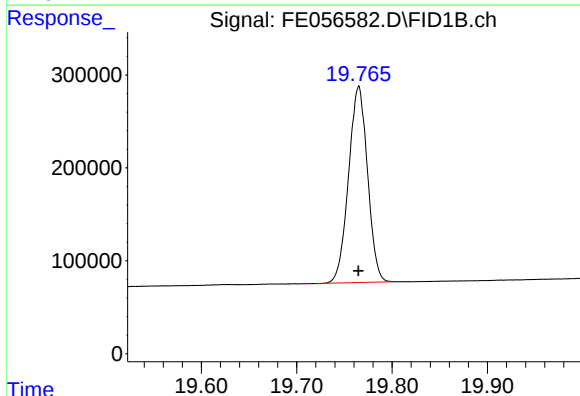
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 3390073
Conc: 16.91 ug/ml

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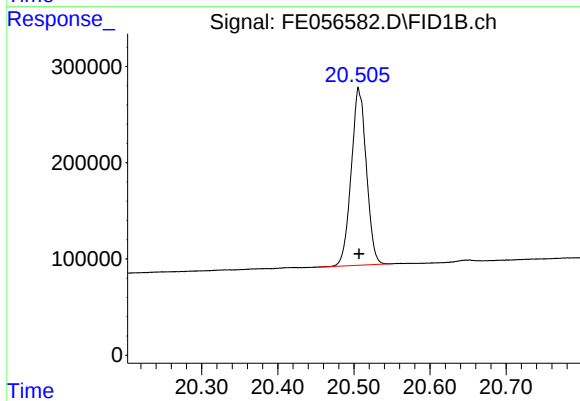
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 3234774
Conc: 16.45 ug/ml



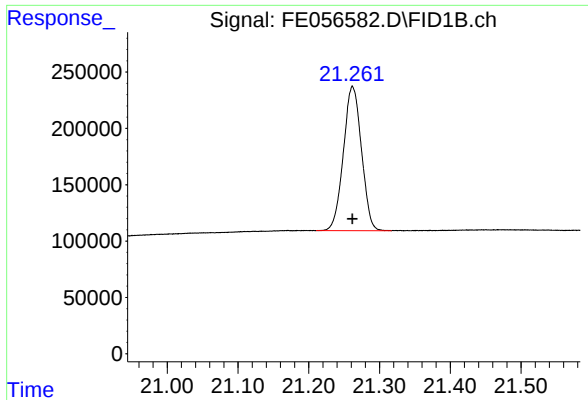
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 2922196
Conc: 16.93 ug/ml



#20 n-Hexatriacontane (C36)

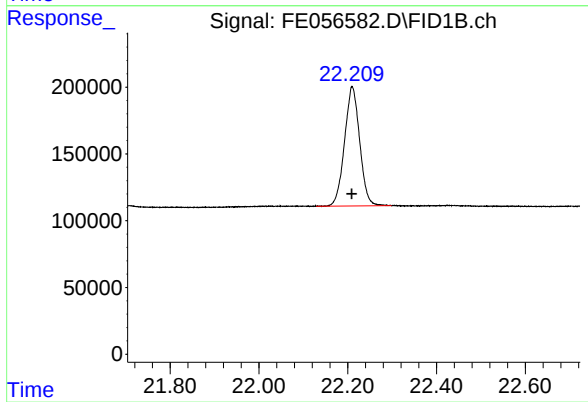
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2540896
Conc: 17.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2272110
Conc: 18.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.210 min
Delta R.T.: 0.001 min
Response: 2116378
Conc: 18.31 ug/ml