

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102025AL\
 Data File : FE056380.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2025 09:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 21 02:50:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.054	4235405	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
12) S 1-chlorooctadecane (S...	13.490	3027091	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.400	3402044	20.871 ug/ml
2) T n-Decane (C10)	4.652	3587880	21.817 ug/ml
3) T A~Naphthalene (C11.7)	6.370	3825722	21.641 ug/ml
4) T n-Dodecane (C12)	6.826	3692533	22.008 ug/ml
5) T A~2-methylnaphthalene...	7.471	3653689	21.928 ug/ml
6) T n-Tetradecane (C14)	8.663	3665113	22.061 ug/ml
7) T n-Hexadecane (C16)	10.278	3788957	21.656 ug/ml
8) T n-Octadecane (C18)	11.727	3859140	21.156 ug/ml
10) T n-Eicosane (C20)	13.042	3680956	20.674 ug/ml
11) T n-Heneicosane (C21)	13.656	3600679	20.522 ug/ml
13) T n-Docosane (C22)	14.245	3586648	20.262 ug/ml
14) T n-Tetracosane (C24)	15.351	3554884	19.539 ug/ml
15) T n-Hexacosane (C26)	16.375	3448288	19.210 ug/ml
16) T n-Octacosane (C28)	17.328	3344126	18.798 ug/ml
17) T n-Tricontane (C30)	18.218	3355140	18.479 ug/ml
18) T n-Dotriacontane (C32)	19.052	3161743	17.934 ug/ml
19) T n-Tetratriacontane (C34)	19.837	2749159	17.759 ug/ml
20) T n-Hexatriacontane (C36)	20.579	2221827	17.784 ug/ml
21) T n-Octatriacontane (C38)	21.351	1864159	17.842 ug/ml
22) T n-Tetracontane (C40)	22.323	1614571	17.793 ug/ml

(f)=RT Delta > 1/2 Window

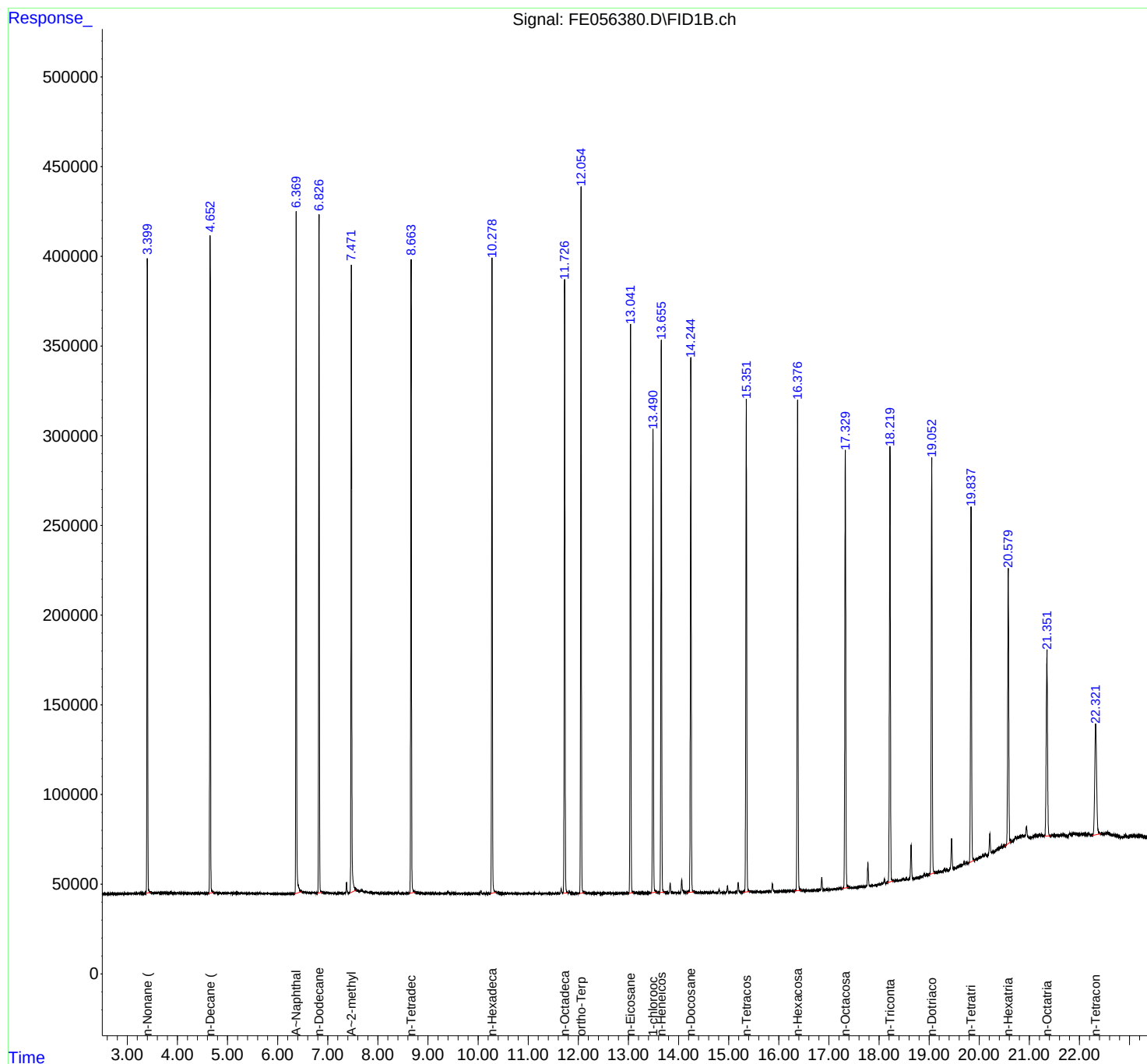
(m)=manual int.

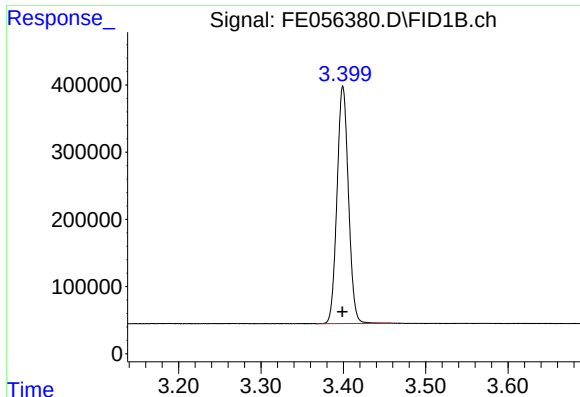
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102025AL\
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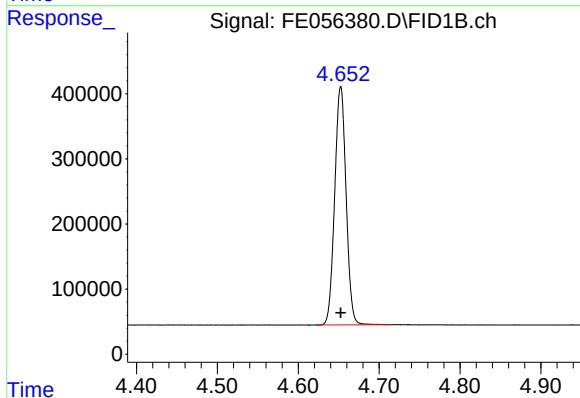




#1 n-Nonane (C9)

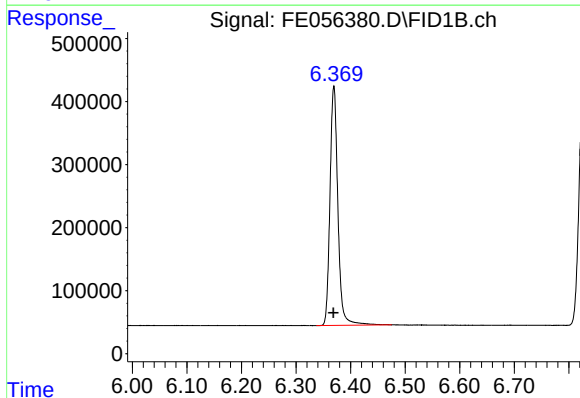
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 3402044
Conc: 20.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



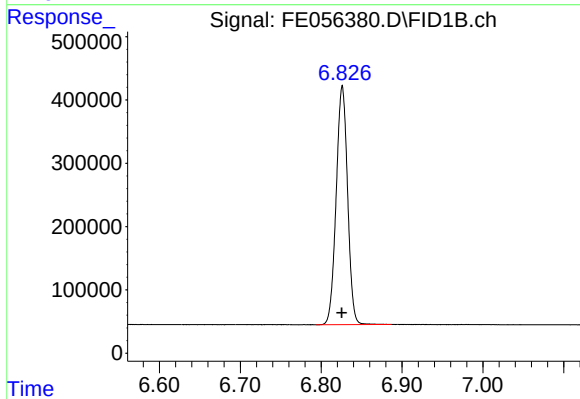
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3587880
Conc: 21.82 ug/ml



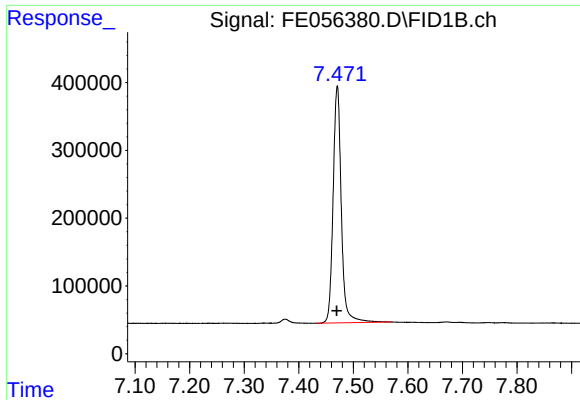
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 3825722
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

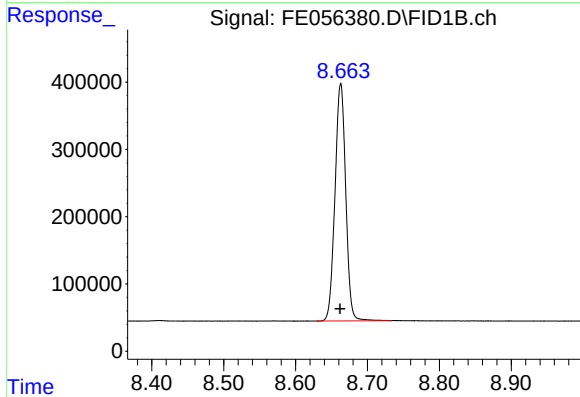
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3692533
Conc: 22.01 ug/ml



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

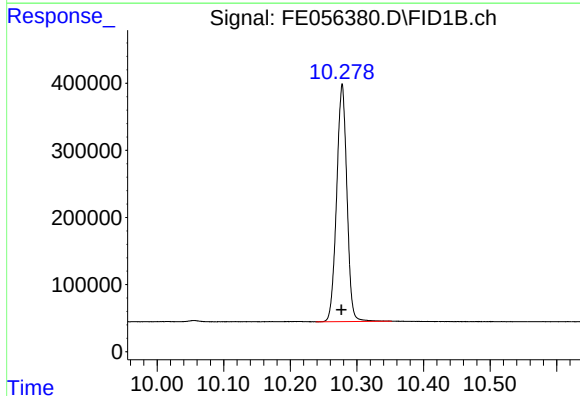
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 3653689
Conc: 21.93 ug/ml

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20 PPM ALIPHATIC HC STD



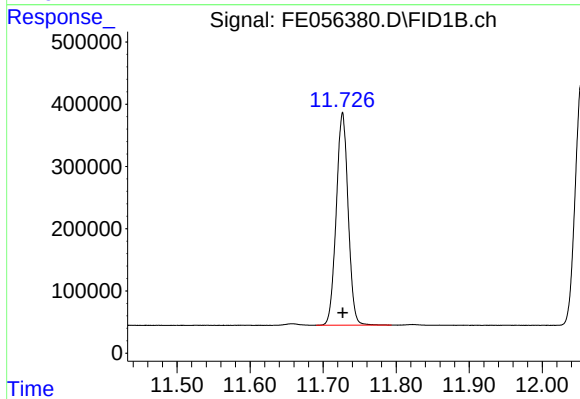
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 3665113
Conc: 22.06 ug/ml



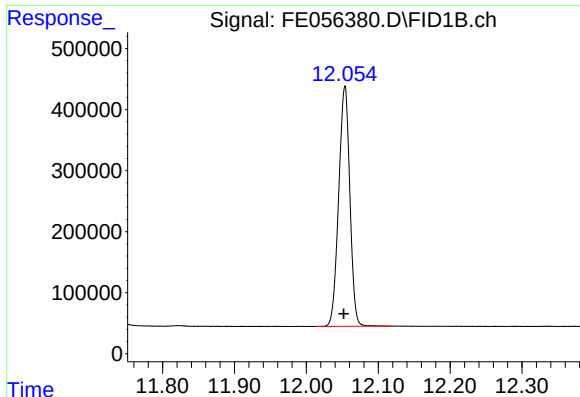
#7 n-Hexadecane (C16)

R.T.: 10.278 min
Delta R.T.: 0.001 min
Response: 3788957
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

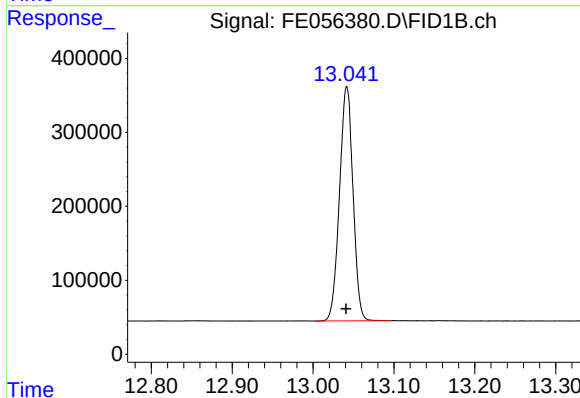
R.T.: 11.727 min
Delta R.T.: 0.000 min
Response: 3859140
Conc: 21.16 ug/ml



#9 ortho-Terphenyl (SURR)

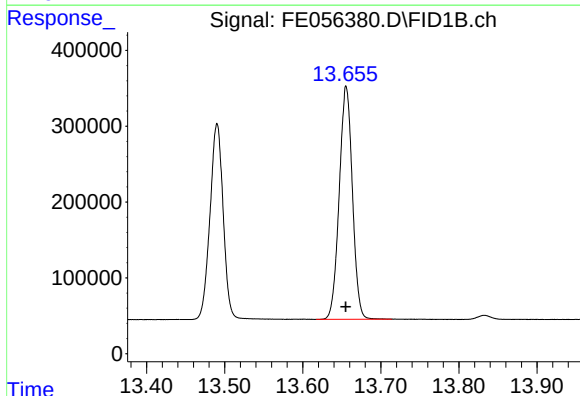
R.T.: 12.054 min
Delta R.T.: 0.001 min
Response: 4235405
Conc: 20.73 ug/ml

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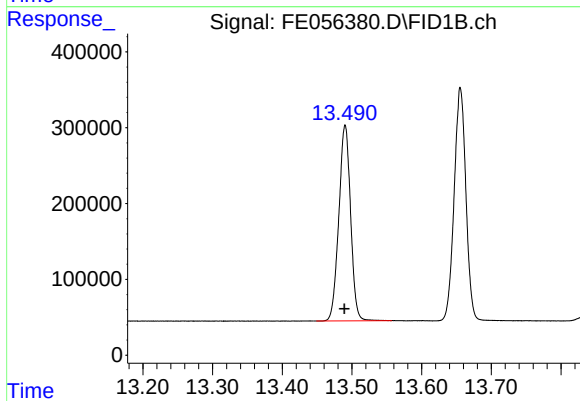
#10 n-Eicosane (C20)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 3680956
Conc: 20.67 ug/ml



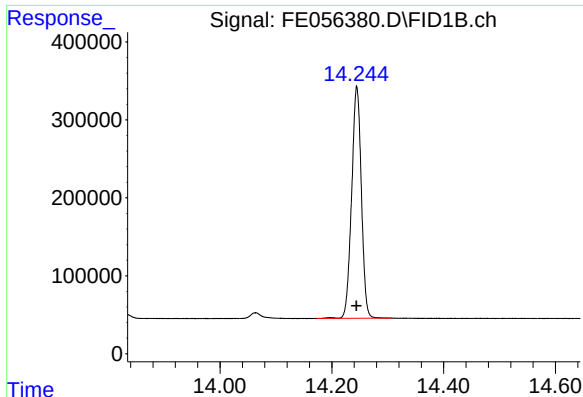
#11 n-Heneicosane (C21)

R.T.: 13.656 min
Delta R.T.: 0.000 min
Response: 3600679
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

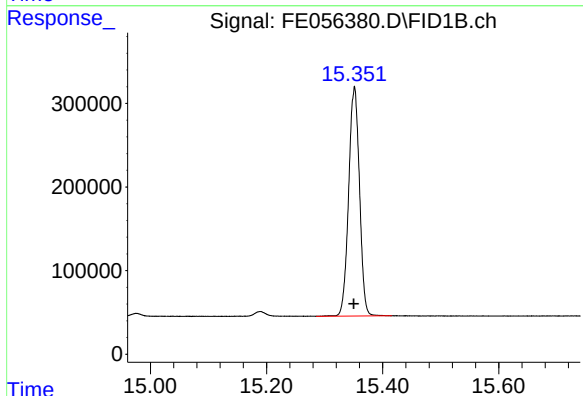
R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 3027091
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

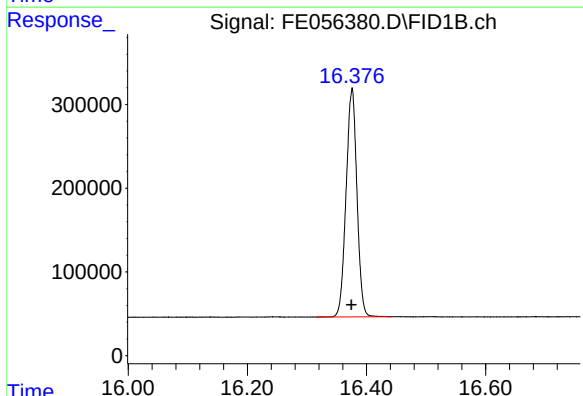
R.T.: 14.245 min
Delta R.T.: 0.001 min
Response: 3586648
Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



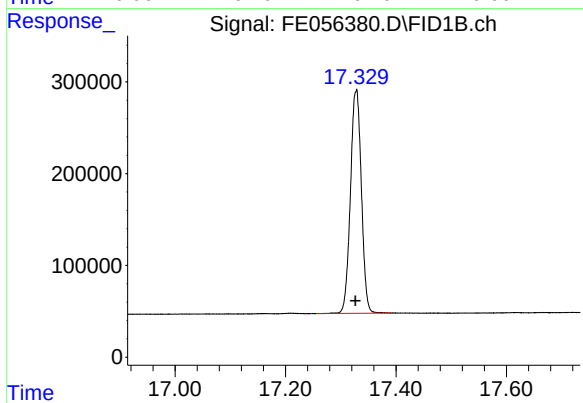
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: 0.000 min
Response: 3554884
Conc: 19.54 ug/ml



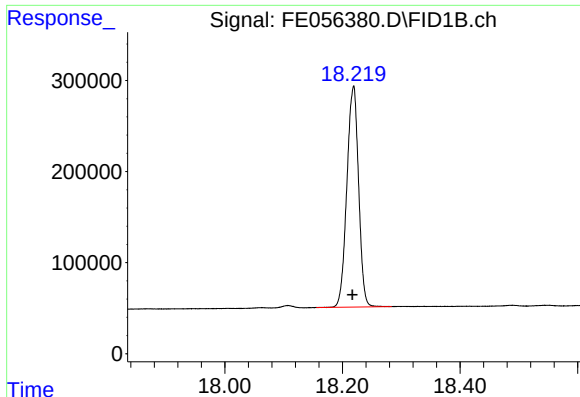
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 3448288
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

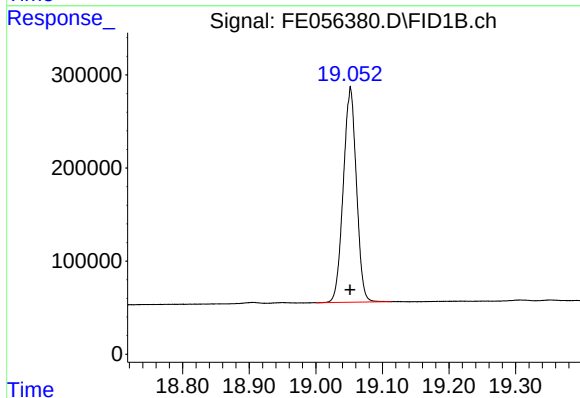
R.T.: 17.328 min
Delta R.T.: 0.001 min
Response: 3344126
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

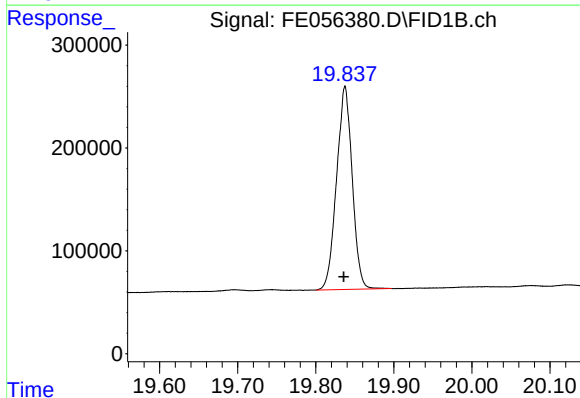
R.T.: 18.218 min
Delta R.T.: 0.002 min
Response: 3355140
Conc: 18.48 ug/ml

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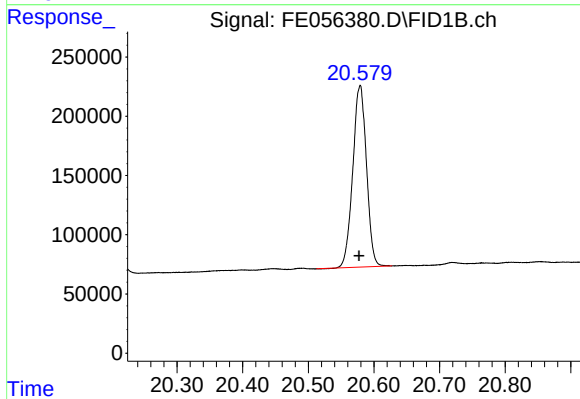
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: 0.000 min
Response: 3161743
Conc: 17.93 ug/ml



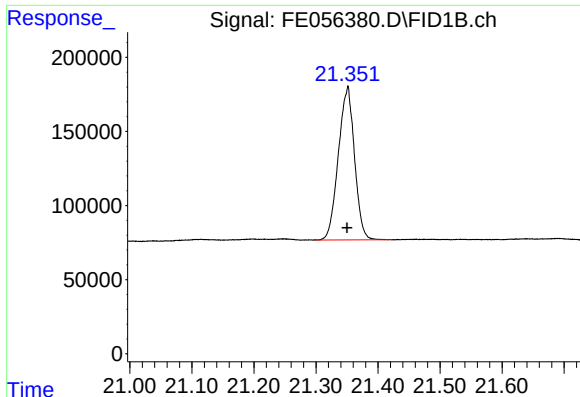
#19 n-Tetratriacontane (C34)

R.T.: 19.837 min
Delta R.T.: 0.002 min
Response: 2749159
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

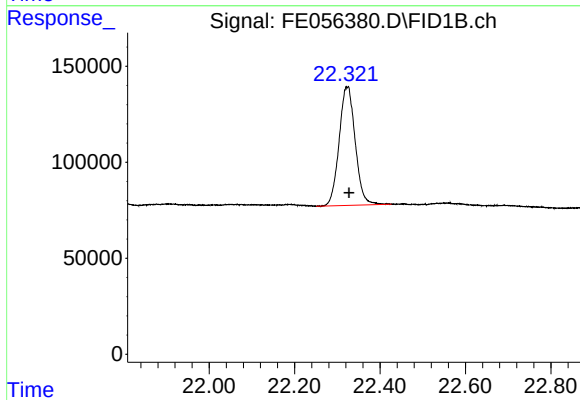
R.T.: 20.579 min
Delta R.T.: 0.001 min
Response: 2221827
Conc: 17.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min
Delta R.T.: 0.000 min
Response: 1864159
Conc: 17.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.323 min
Delta R.T.: -0.004 min
Response: 1614571
Conc: 17.79 ug/ml