

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE052971.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2025 09:34
 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: autoint1.e
 Quant Time: Mar 27 04:14:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.911	3436679	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.356	2502052	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.247	3322311	21.427 ug/ml
2) T n-Decane (C10)	4.509	3378551	21.506 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3618061	21.334 ug/ml
4) T n-Dodecane (C12)	6.691	3358485	21.570 ug/ml
5) T A~2-methylnaphthalene...	7.329	3438874	21.220 ug/ml
6) T n-Tetradecane (C14)	8.529	3260111	21.546 ug/ml
7) T n-Hexadecane (C16)	10.145	3294321	21.547 ug/ml
8) T n-Octadecane (C18)	11.595	3239618	21.294 ug/ml
10) T n-Eicosane (C20)	12.910	3046197	20.983 ug/ml
11) T n-Heneicosane (C21)	13.524	2970971	20.874 ug/ml
13) T n-Docosane (C22)	14.113	2940527	20.663 ug/ml
14) T n-Tetracosane (C24)	15.220	2913390	20.358 ug/ml
15) T n-Hexacosane (C26)	16.244	2864339	20.144 ug/ml
16) T n-Octacosane (C28)	17.197	2825778	19.873 ug/ml
17) T n-Tricontane (C30)	18.086	2891799	19.579 ug/ml
18) T n-Dotriacontane (C32)	18.922	2855785	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2603456	19.316 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2350803	19.784 ug/ml
21) T n-Octatriacontane (C38)	21.194	2300772	20.740 ug/ml
22) T n-Tetracontane (C40)	22.117	2404754	22.242 ug/ml

(f)=RT Delta > 1/2 Window

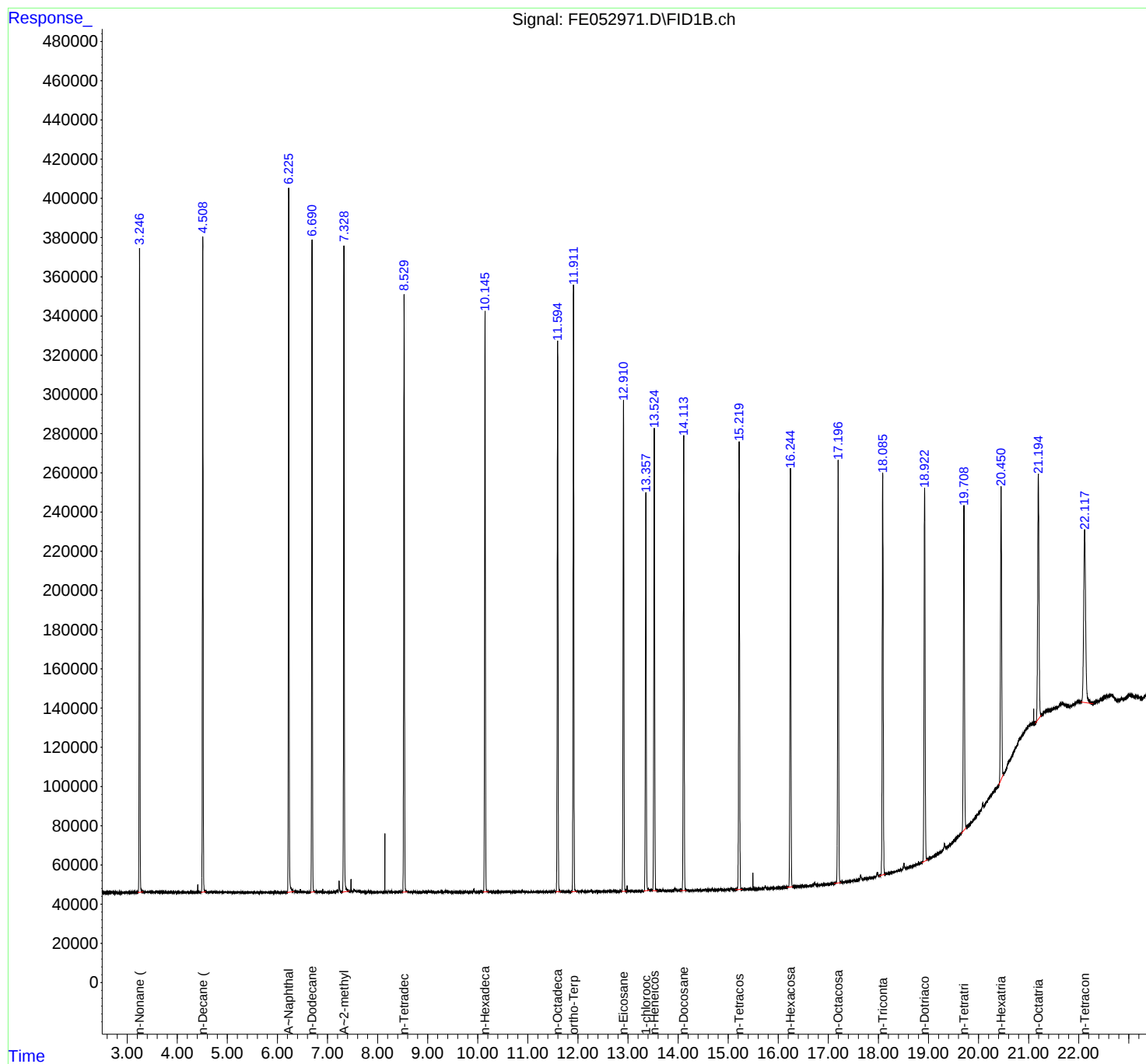
(m)=manual int.

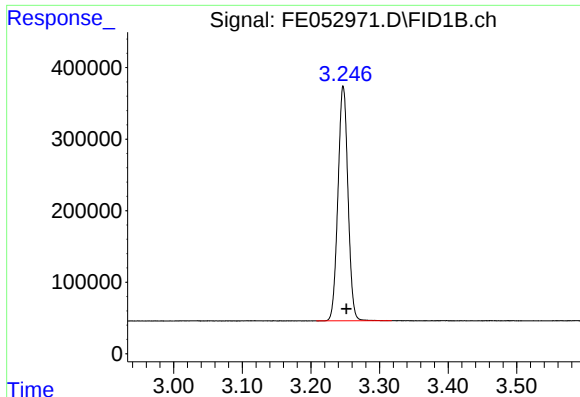
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
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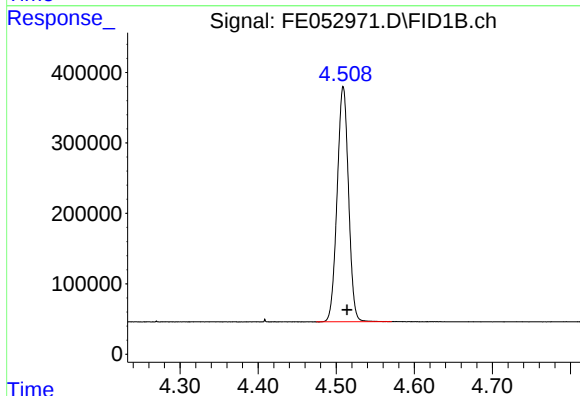




#1 n-Nonane (C9)

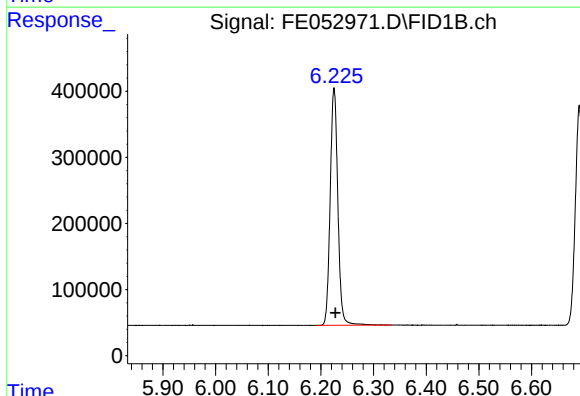
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 3322311
Conc: 21.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



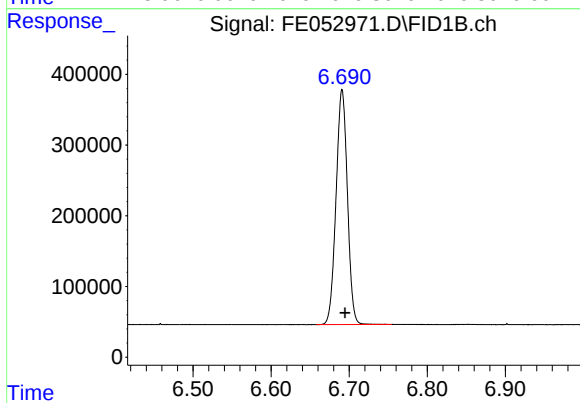
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 3378551
Conc: 21.51 ug/ml



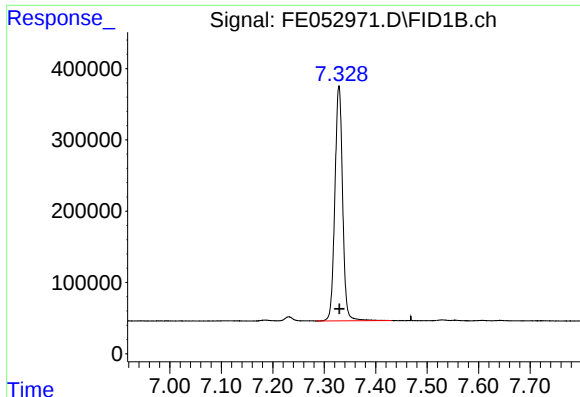
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 3618061
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

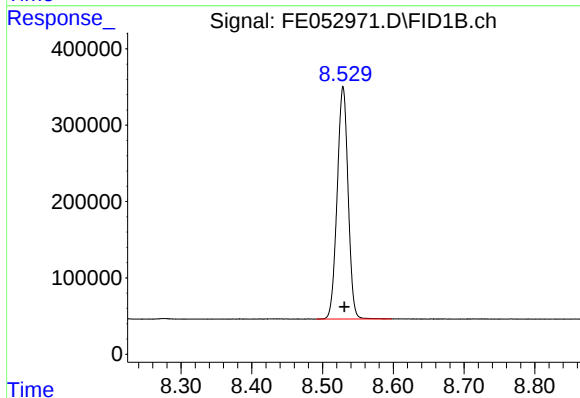
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3358485
Conc: 21.57 ug/ml



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

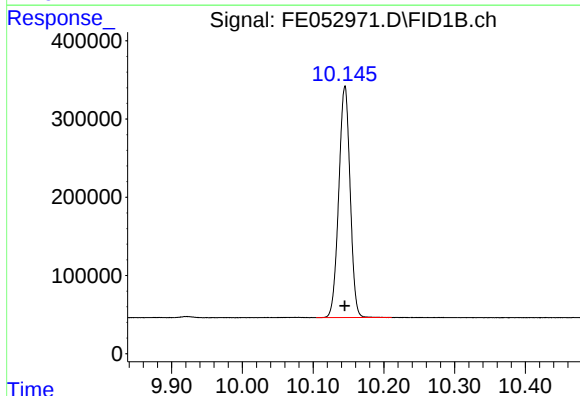
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 3438874
Conc: 21.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



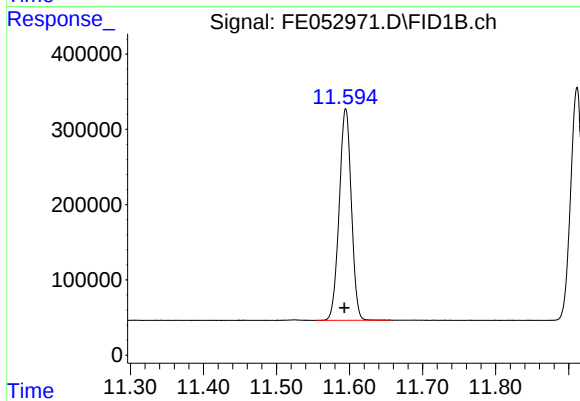
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 3260111
Conc: 21.55 ug/ml



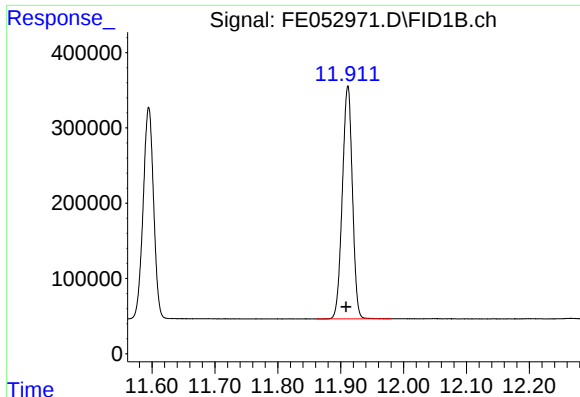
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 3294321
Conc: 21.55 ug/ml



#8 n-Octadecane (C18)

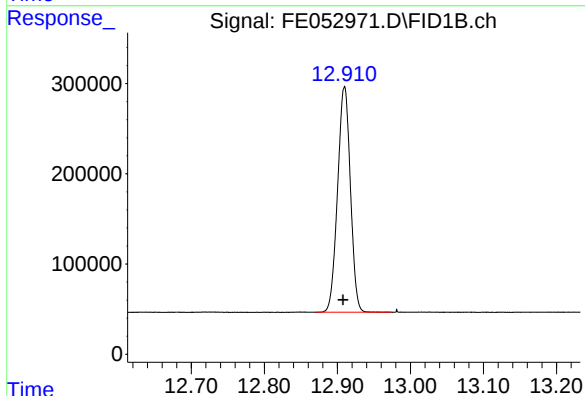
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 3239618
Conc: 21.29 ug/ml



#9 ortho-Terphenyl (SURR)

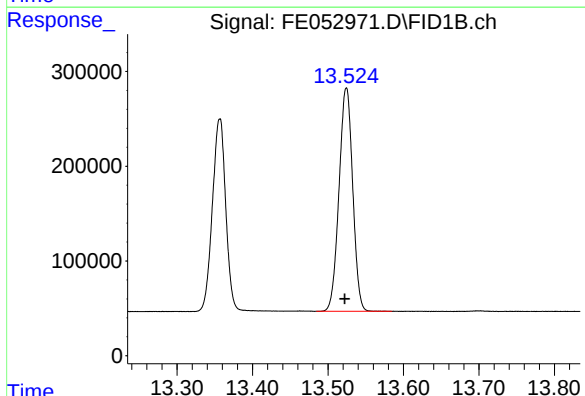
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 3436679
Conc: 20.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



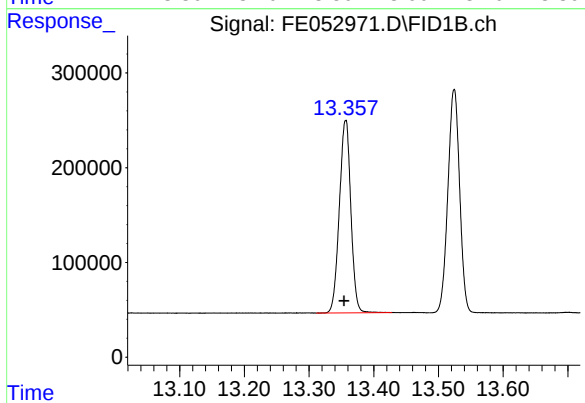
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 3046197
Conc: 20.98 ug/ml



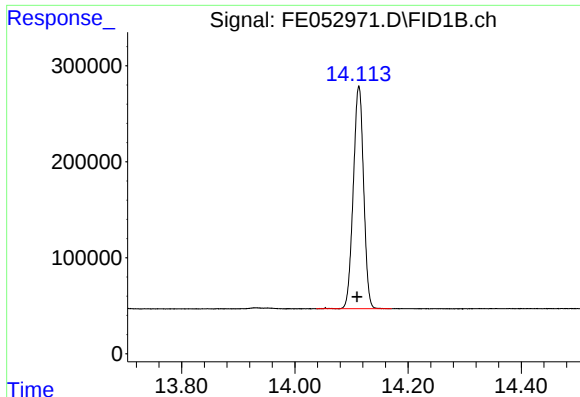
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 2970971
Conc: 20.87 ug/ml



#12 1-chlorooctadecane (SURR)

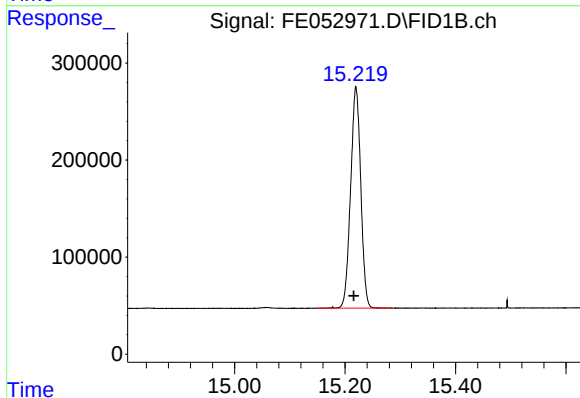
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2502052
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

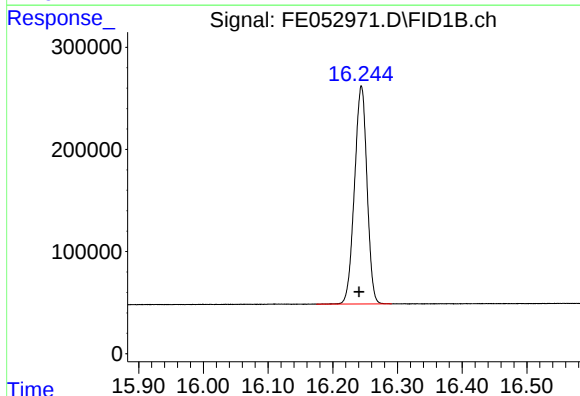
R.T.: 14.113 min
Delta R.T.: 0.003 min
Response: 2940527
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



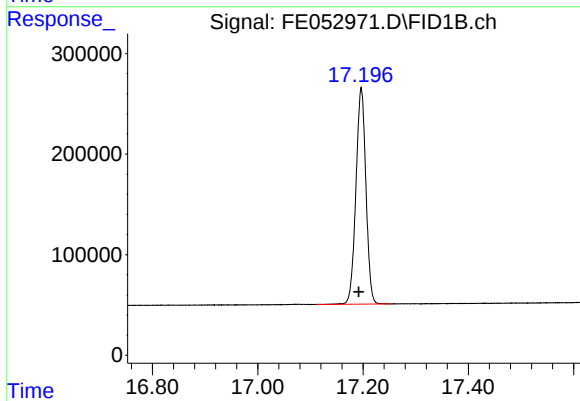
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.004 min
Response: 2913390
Conc: 20.36 ug/ml



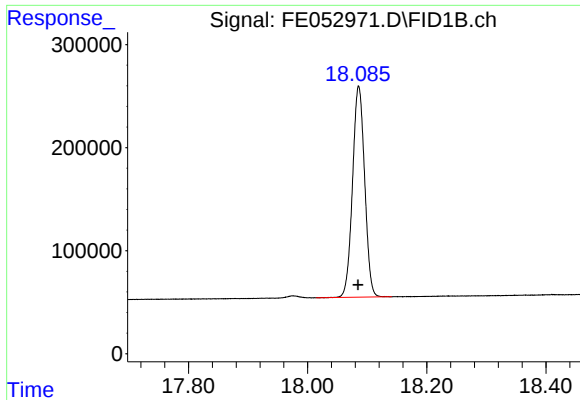
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.003 min
Response: 2864339
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

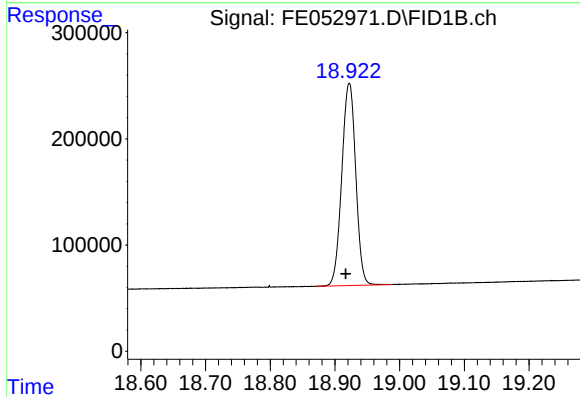
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 2825778
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

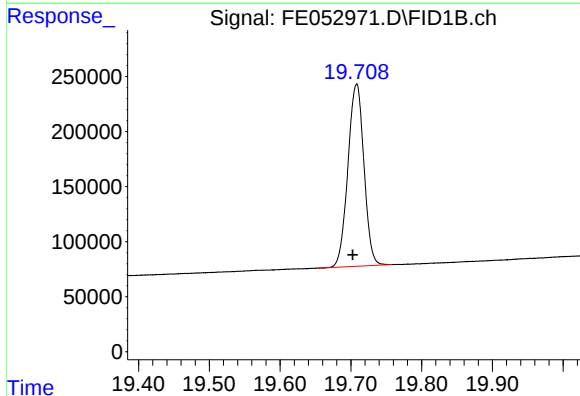
R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 2891799
Conc: 19.58 ug/ml

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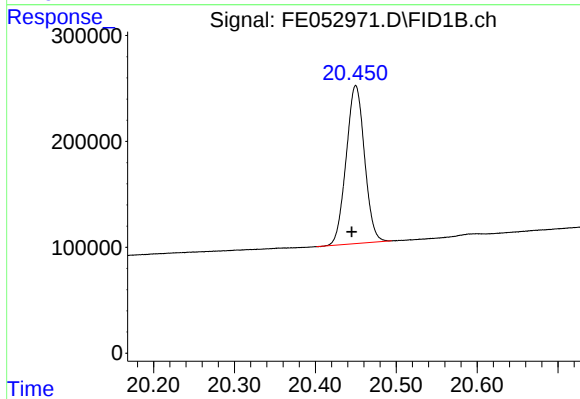
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.005 min
Response: 2855785
Conc: 19.67 ug/ml



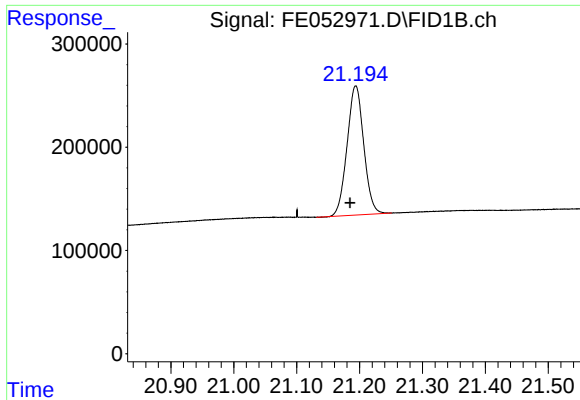
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.005 min
Response: 2603456
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

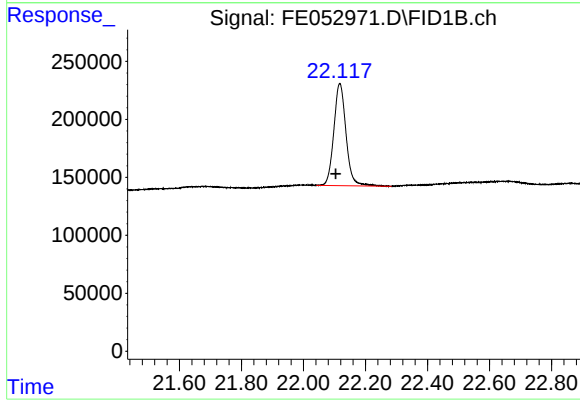
R.T.: 20.450 min
Delta R.T.: 0.005 min
Response: 2350803
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.009 min
Response: 2300772
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.013 min
Response: 2404754
Conc: 22.24 ug/ml