

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057353.D
 Signal(s) : FID1B.ch
 Acq On : 16 Dec 2025 01:26
 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: Dec 16 03:43:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.927	4866679	22.178 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
12) S 1-chlorooctadecane (S...	13.363	3667524	22.037 ug/ml
Spiked Amount 50.000		Recovery =	44.07%
Target Compounds			
1) T n-Nonane (C9)	3.287	4077218	20.843 ug/ml
2) T n-Decane (C10)	4.540	4520714	22.351 ug/ml
3) T A~Naphthalene (C11.7)	6.258	4463360	22.169 ug/ml
4) T n-Dodecane (C12)	6.712	4588842	22.484 ug/ml
5) T A~2-methylnaphthalene...	7.357	4204607	21.882 ug/ml
6) T n-Tetradecane (C14)	8.545	4472962	22.223 ug/ml
7) T n-Hexadecane (C16)	10.156	4518760	22.035 ug/ml
8) T n-Octadecane (C18)	11.603	4557504	22.112 ug/ml
10) T n-Eicosane (C20)	12.915	4329282	22.008 ug/ml
11) T n-Heneicosane (C21)	13.529	4224061	21.986 ug/ml
13) T n-Docosane (C22)	14.116	4205909	21.788 ug/ml
14) T n-Tetracosane (C24)	15.222	4184142	21.126 ug/ml
15) T n-Hexacosane (C26)	16.245	4138009	20.858 ug/ml
16) T n-Octacosane (C28)	17.198	4271711	20.787 ug/ml
17) T n-Tricontane (C30)	18.088	4706431	20.971 ug/ml
18) T n-Dotriacontane (C32)	18.923	4924336	21.095 ug/ml
19) T n-Tetratriacontane (C34)	19.707	4615899	21.611 ug/ml
20) T n-Hexatriacontane (C36)	20.449	4046822	21.742 ug/ml
21) T n-Octatriacontane (C38)	21.193	3728315	21.513 ug/ml
22) T n-Tetracontane (C40)	22.118	3573899	21.208 ug/ml

(f)=RT Delta > 1/2 Window

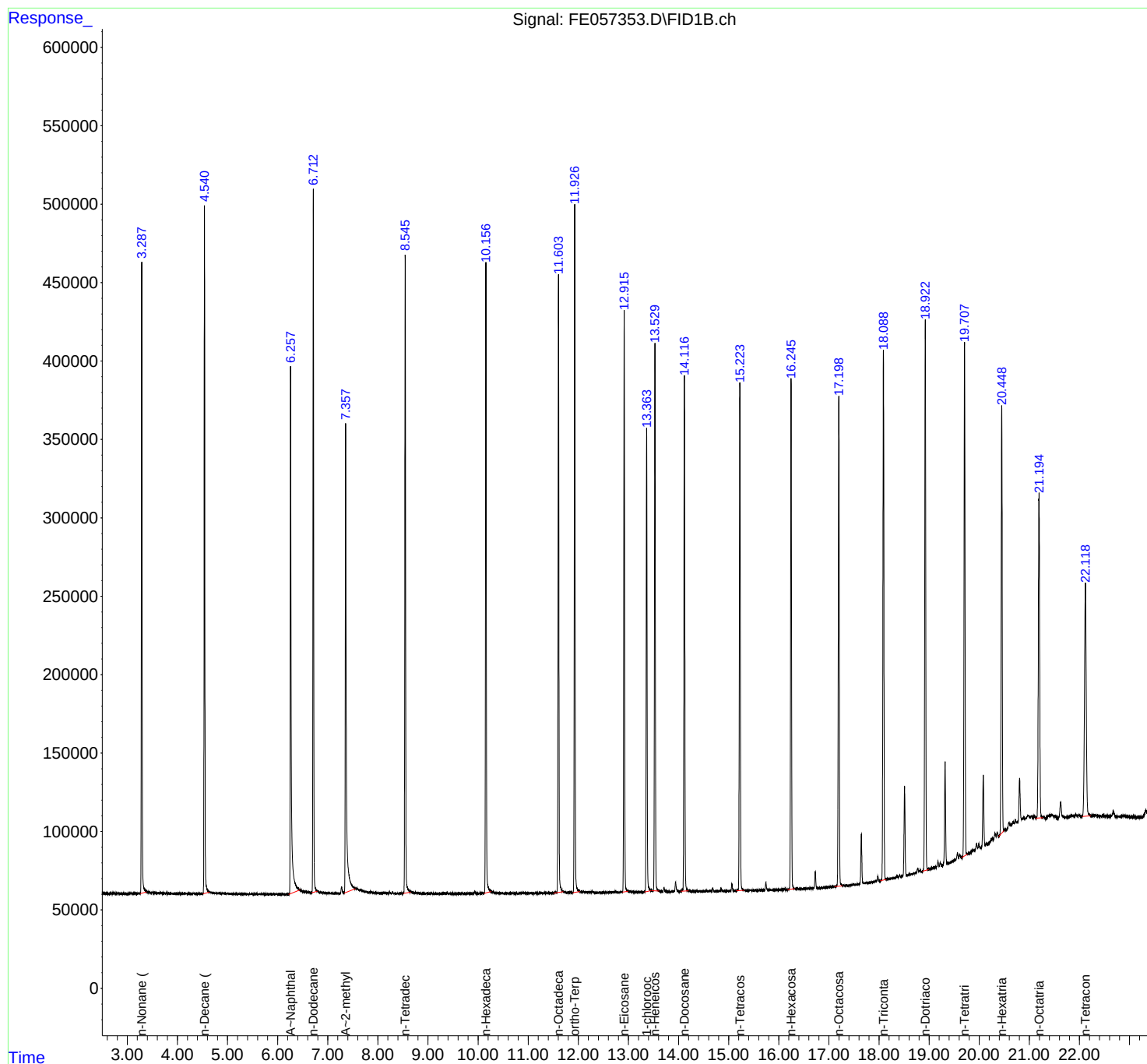
(m)=manual int.

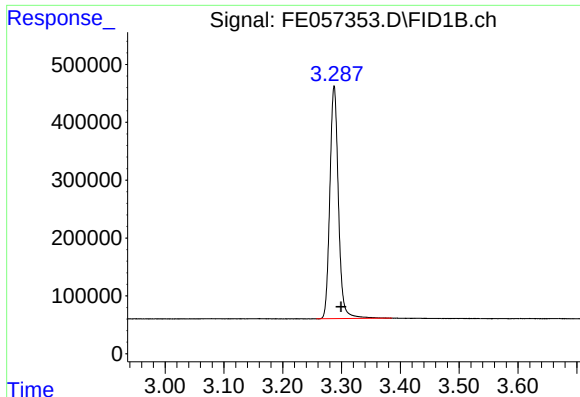
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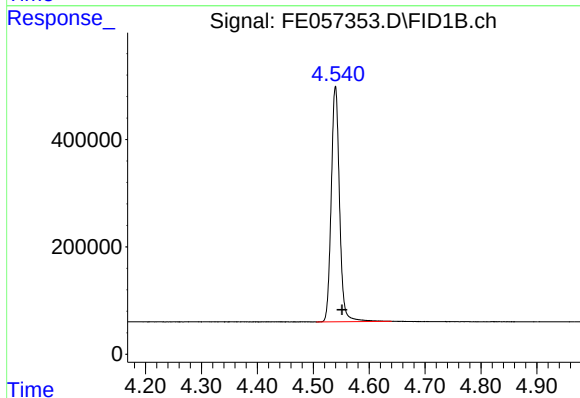




#1 n-Nonane (C9)

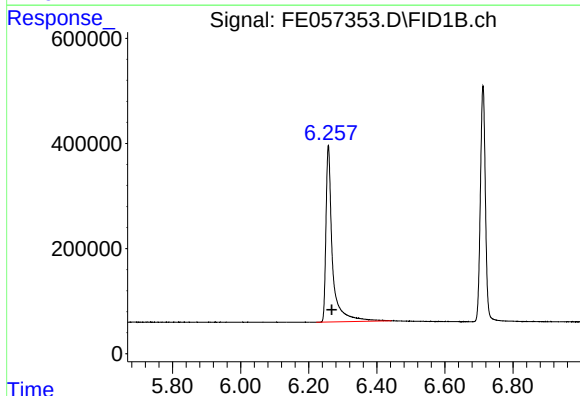
R.T.: 3.287 min
Delta R.T.: -0.012 min
Response: 4077218
Conc: 20.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



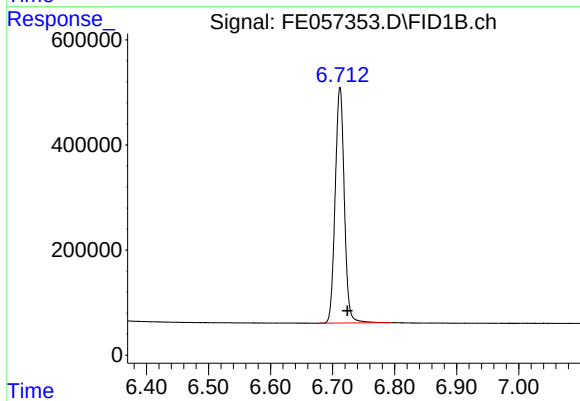
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.012 min
Response: 4520714
Conc: 22.35 ug/ml



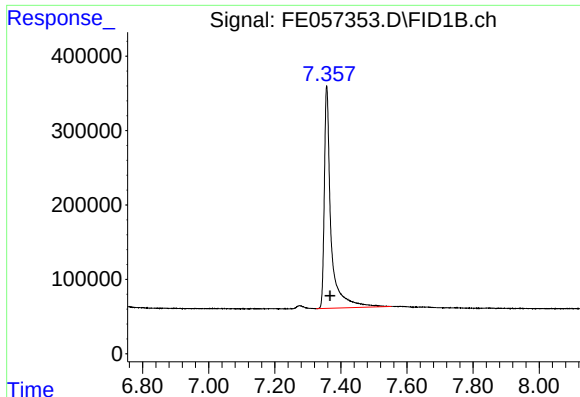
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.010 min
Response: 4463360
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

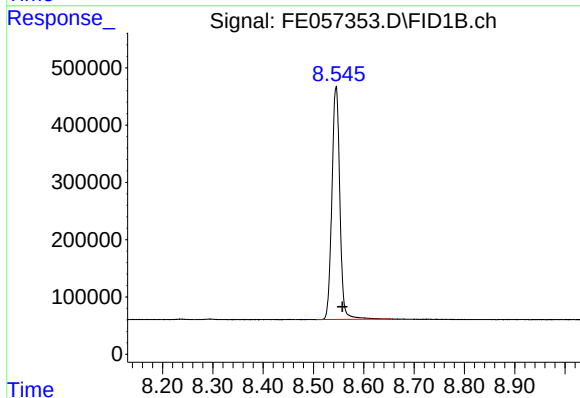
R.T.: 6.712 min
Delta R.T.: -0.012 min
Response: 4588842
Conc: 22.48 ug/ml



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

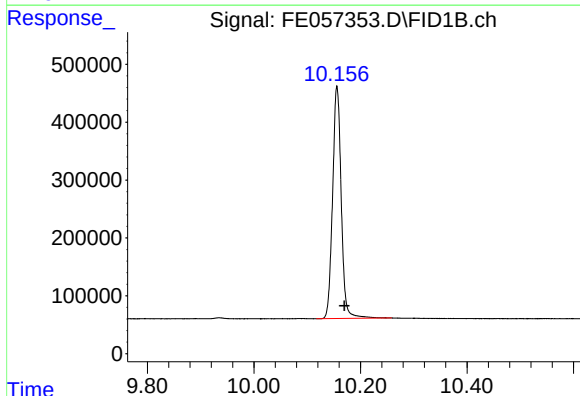
R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 4204607
Conc: 21.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



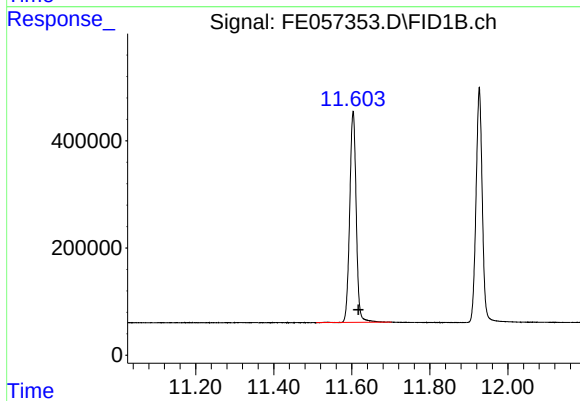
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.013 min
Response: 4472962
Conc: 22.22 ug/ml



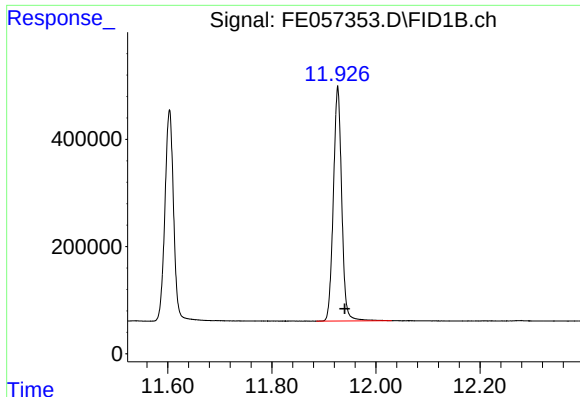
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.014 min
Response: 4518760
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

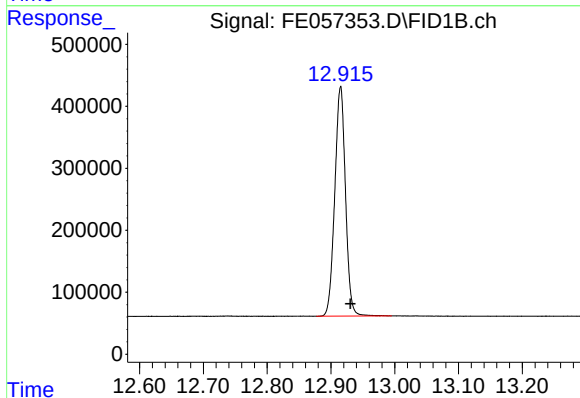
R.T.: 11.603 min
Delta R.T.: -0.014 min
Response: 4557504
Conc: 22.11 ug/ml



#9 ortho-Terphenyl (SURR)

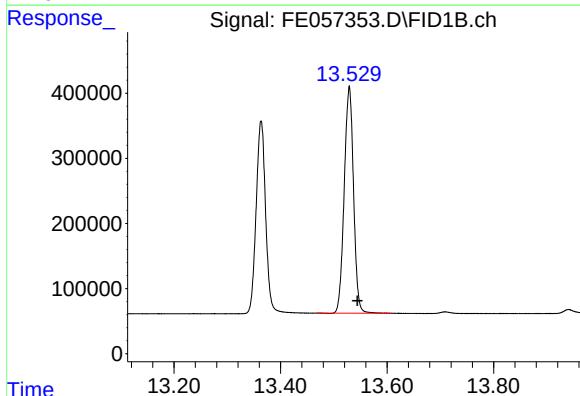
R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 4866679
Conc: 22.18 ug/ml

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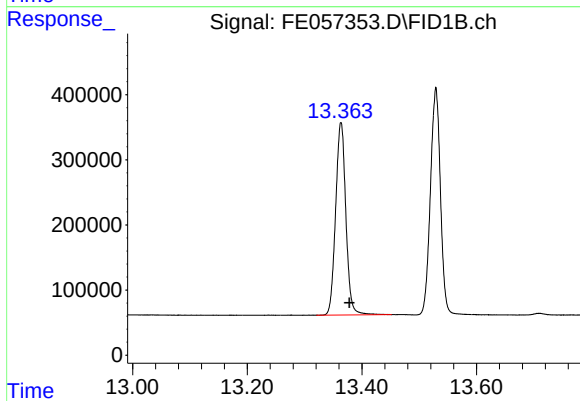
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.016 min
Response: 4329282
Conc: 22.01 ug/ml



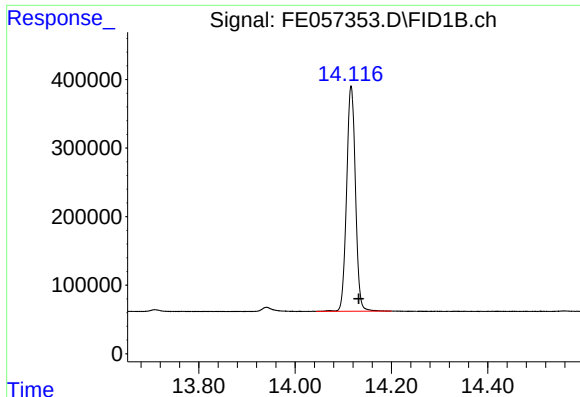
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.015 min
Response: 4224061
Conc: 21.99 ug/ml



#12 1-chlorooctadecane (SURR)

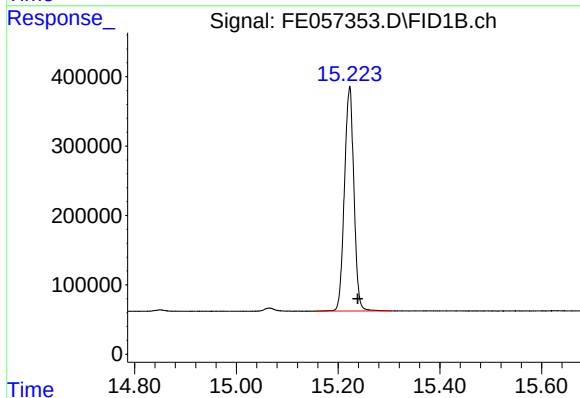
R.T.: 13.363 min
Delta R.T.: -0.015 min
Response: 3667524
Conc: 22.04 ug/ml



#13 n-Docosane (C22)

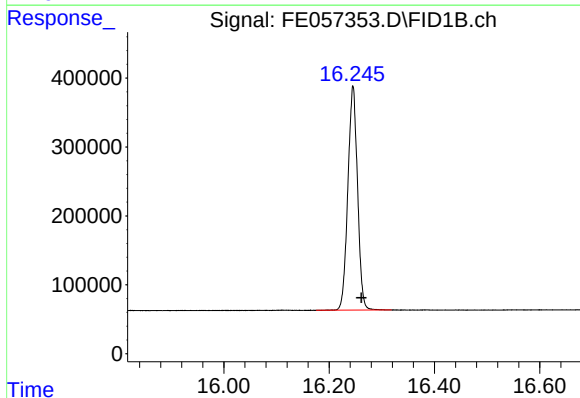
R.T.: 14.116 min
Delta R.T.: -0.016 min
Response: 4205909
Conc: 21.79 ug/ml

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20 PPM ALIPHATIC HC STD



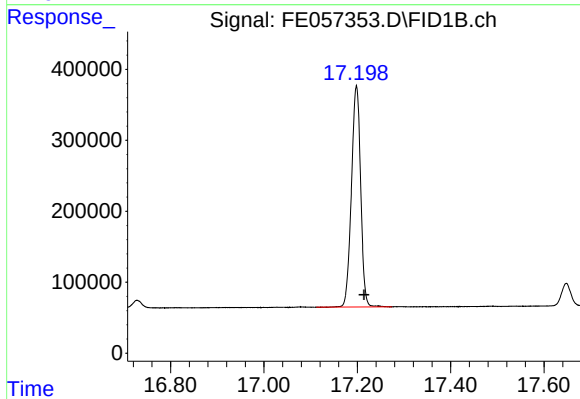
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.016 min
Response: 4184142
Conc: 21.13 ug/ml



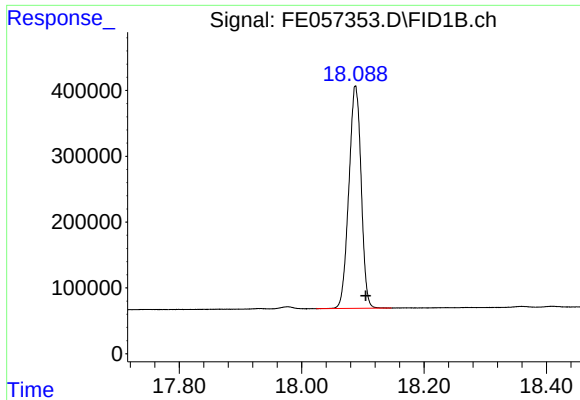
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.017 min
Response: 4138009
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

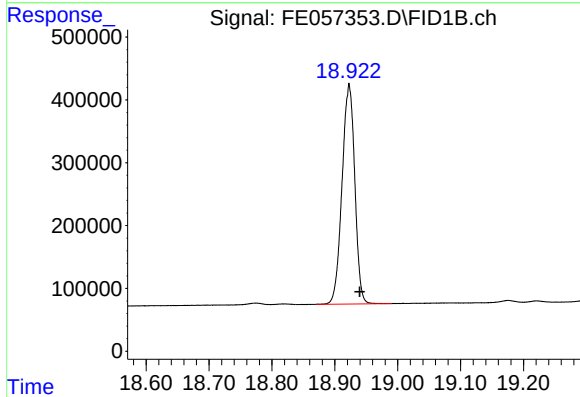
R.T.: 17.198 min
Delta R.T.: -0.016 min
Response: 4271711
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

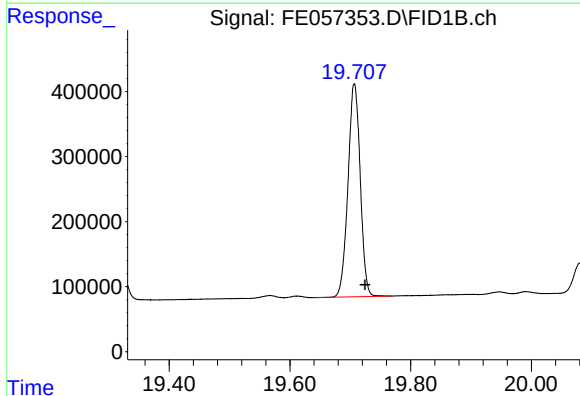
R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 4706431
Conc: 20.97 ug/ml

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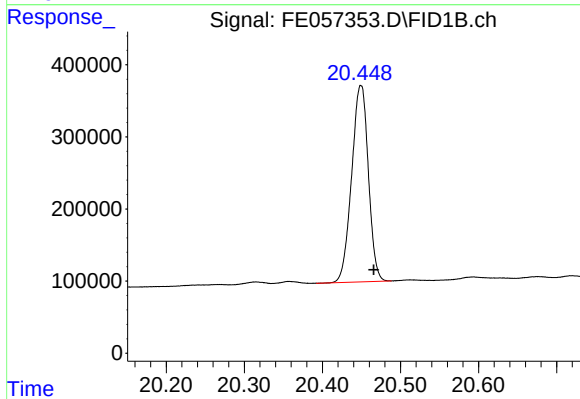
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.017 min
Response: 4924336
Conc: 21.10 ug/ml



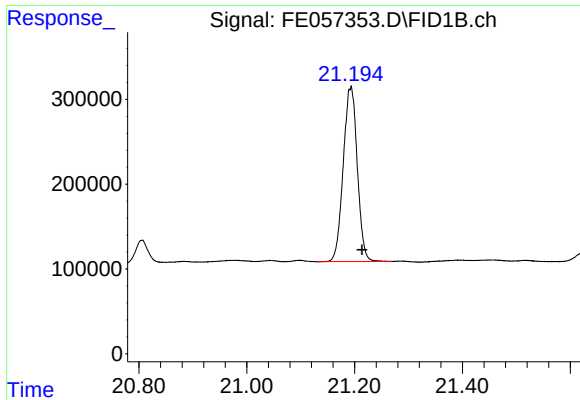
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.018 min
Response: 4615899
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

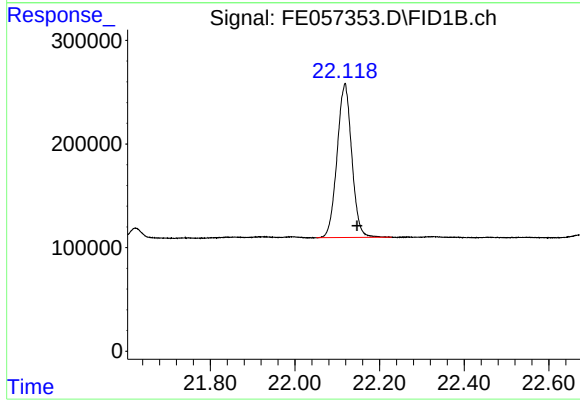
R.T.: 20.449 min
Delta R.T.: -0.017 min
Response: 4046822
Conc: 21.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.021 min
Response: 3728315
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.028 min
Response: 3573899
Conc: 21.21 ug/ml