

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
 Data File : FE057086.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 16:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 01 08:06:13 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)	11.939	4520445	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.378	3446497	20.709 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.299	4029473	20.599 ug/ml
2) T n-Decane (C10)	4.551	4186070	20.697 ug/ml
3) T A~Naphthalene (C11.7)	6.267	4212121	20.922 ug/ml
4) T n-Dodecane (C12)	6.724	4211848	20.637 ug/ml
5) T A~2-methylnaphthalene...	7.367	3949644	20.555 ug/ml
6) T n-Tetradecane (C14)	8.557	4155236	20.644 ug/ml
7) T n-Hexadecane (C16)	10.169	4234414	20.648 ug/ml
8) T n-Octadecane (C18)	11.617	4249179	20.616 ug/ml
10) T n-Eicosane (C20)	12.930	4039841	20.537 ug/ml
11) T n-Heneicosane (C21)	13.543	3956355	20.593 ug/ml
13) T n-Docosane (C22)	14.131	3922278	20.318 ug/ml
14) T n-Tetracosane (C24)	15.237	3890887	19.645 ug/ml
15) T n-Hexacosane (C26)	16.261	3854623	19.430 ug/ml
16) T n-Octacosane (C28)	17.213	3944725	19.196 ug/ml
17) T n-Tricontane (C30)	18.104	4324430	19.269 ug/ml
18) T n-Dotriacontane (C32)	18.938	4489293	19.231 ug/ml
19) T n-Tetratriacontane (C34)	19.723	4201288	19.670 ug/ml
20) T n-Hexatriacontane (C36)	20.466	3702958	19.894 ug/ml
21) T n-Octatriacontane (C38)	21.213	3446215	19.885 ug/ml
22) T n-Tetracontane (C40)	22.145	3358981	19.933 ug/ml

(f)=RT Delta > 1/2 Window

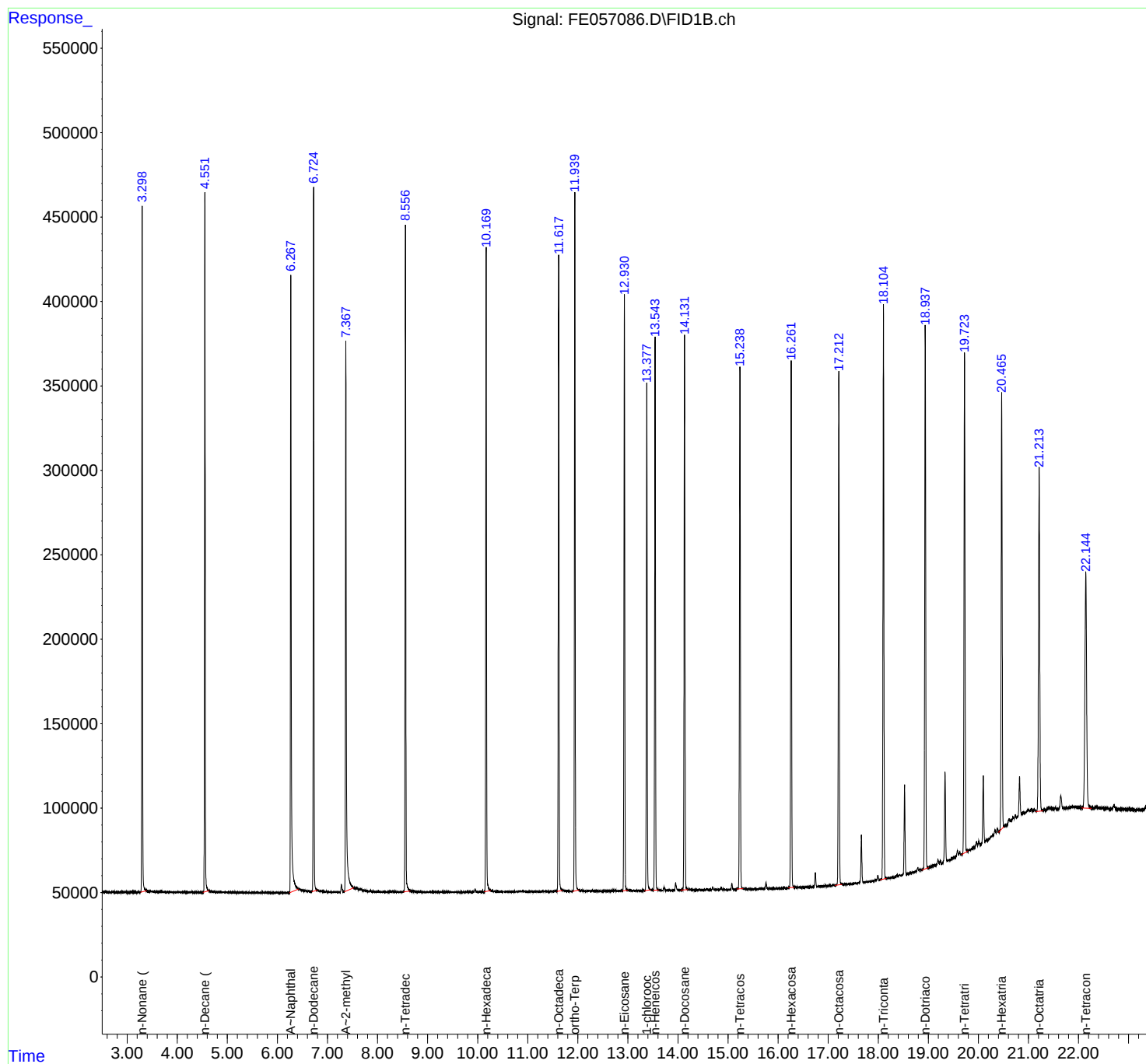
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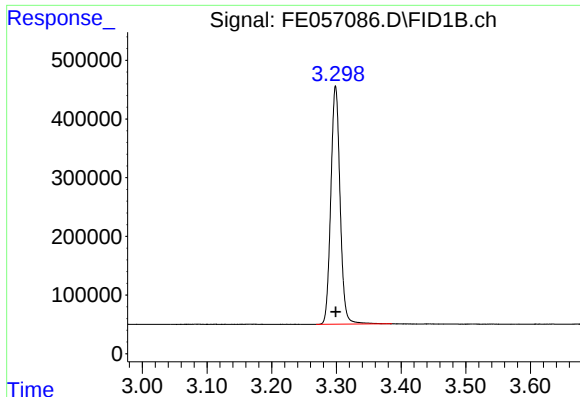
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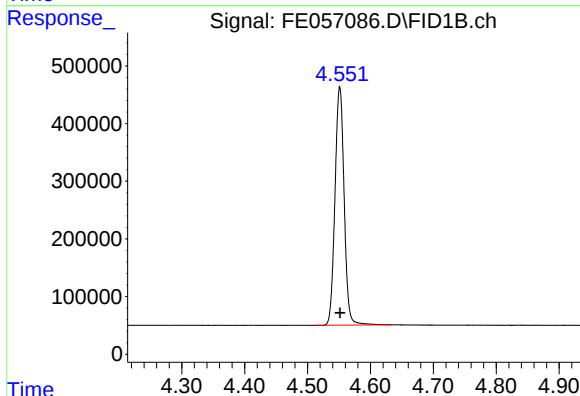




#1 n-Nonane (C9)

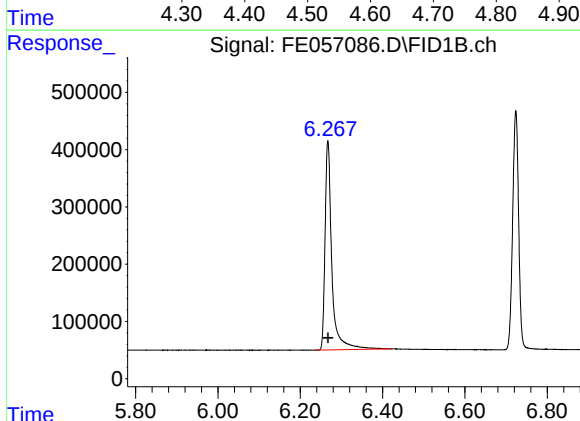
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4029473
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



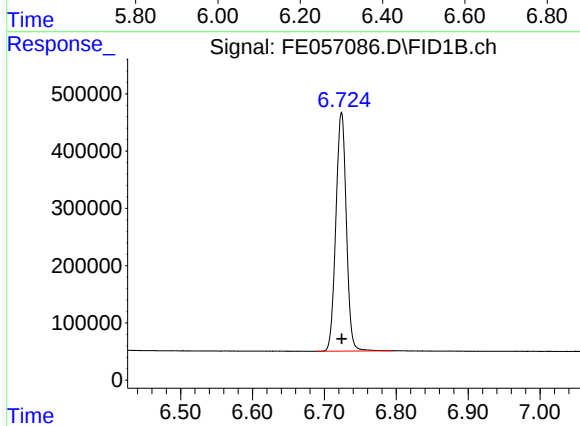
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 4186070
Conc: 20.70 ug/ml



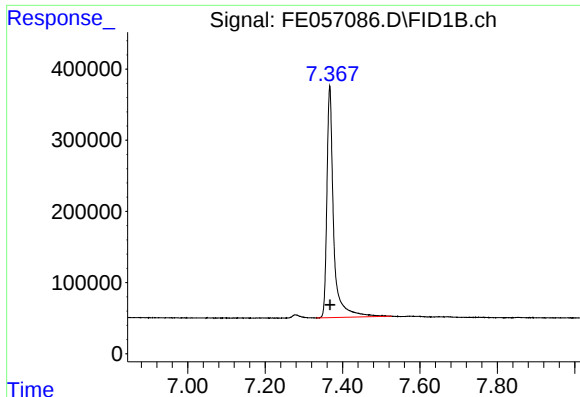
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 4212121
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

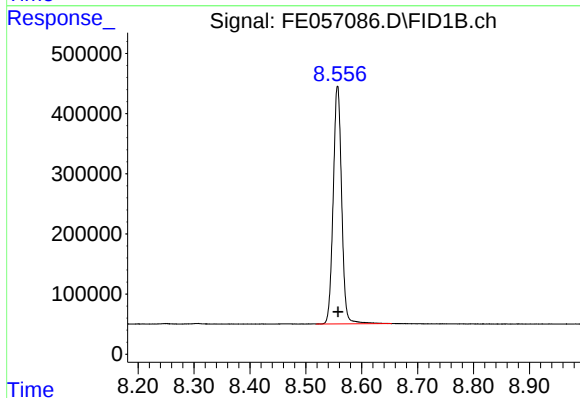
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4211848
Conc: 20.64 ug/ml



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

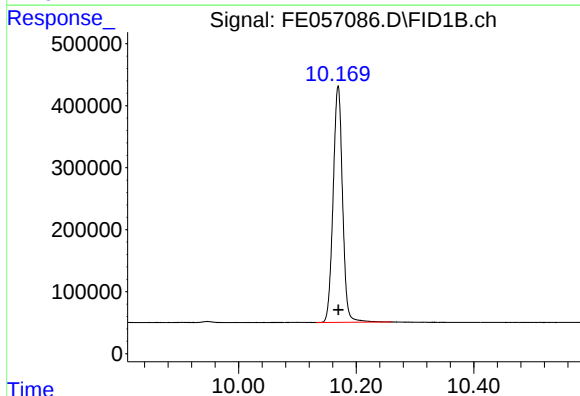
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 3949644
Conc: 20.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



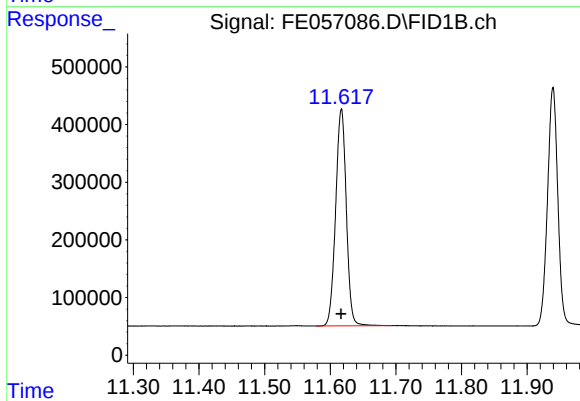
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 4155236
Conc: 20.64 ug/ml



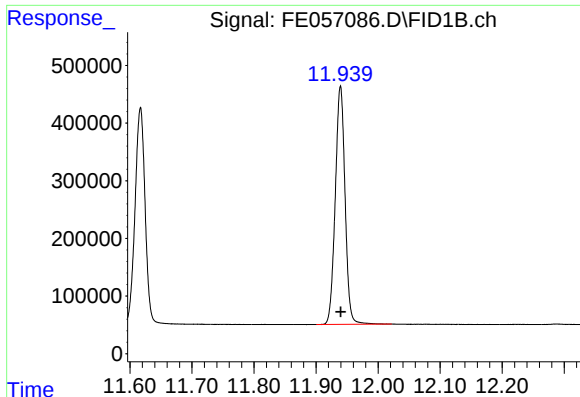
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 4234414
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

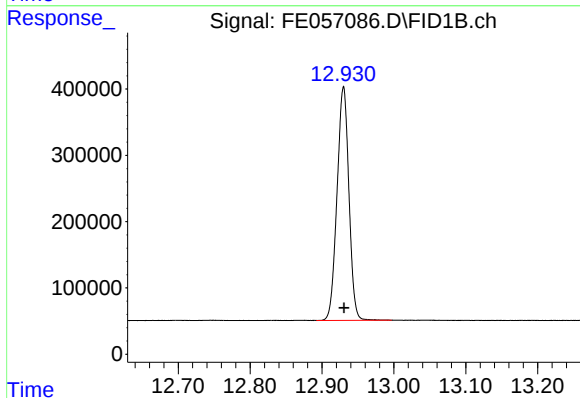
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 4249179
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

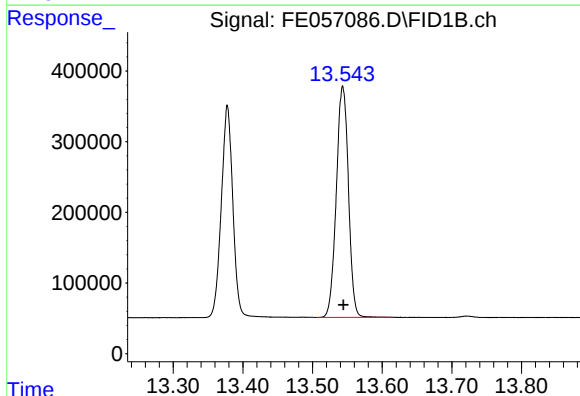
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 4520445
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



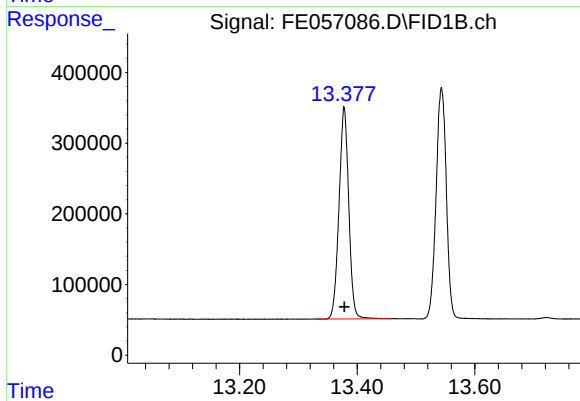
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 4039841
Conc: 20.54 ug/ml



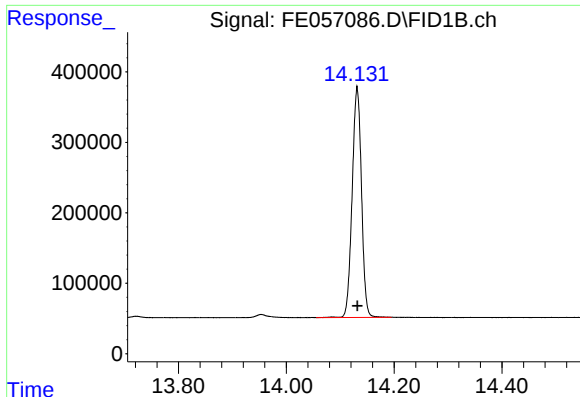
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 3956355
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

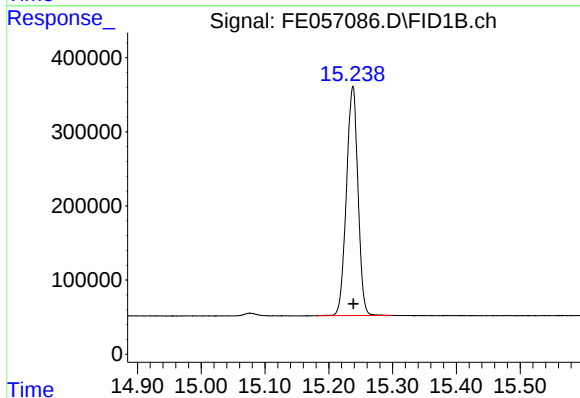
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3446497
Conc: 20.71 ug/ml



#13 n-Docosane (C22)

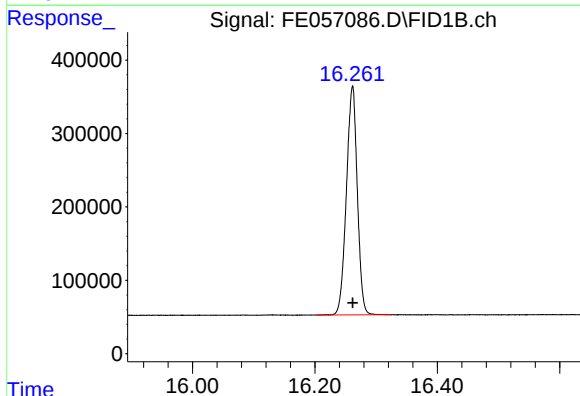
R.T.: 14.131 min
Delta R.T.: 0.000 min
Response: 3922278
Conc: 20.32 ug/ml

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20 PPM ALIPHATIC HC STD



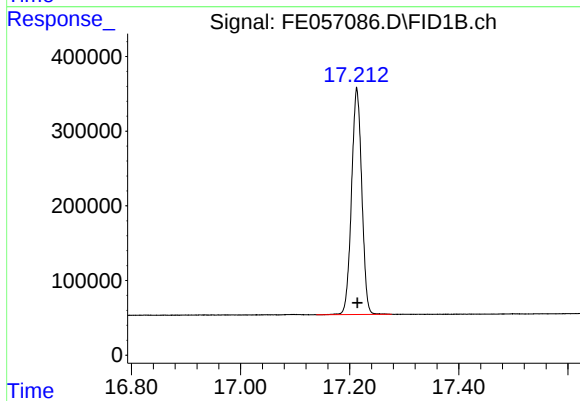
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 3890887
Conc: 19.65 ug/ml



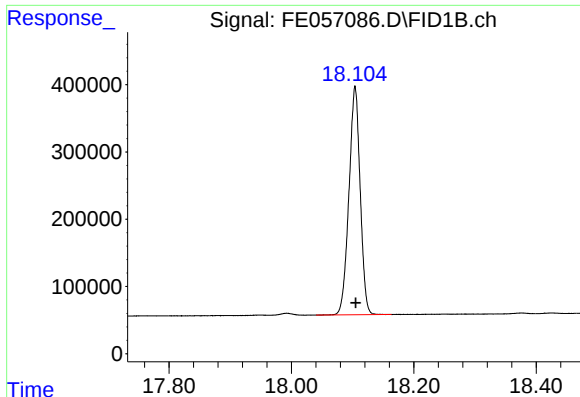
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3854623
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

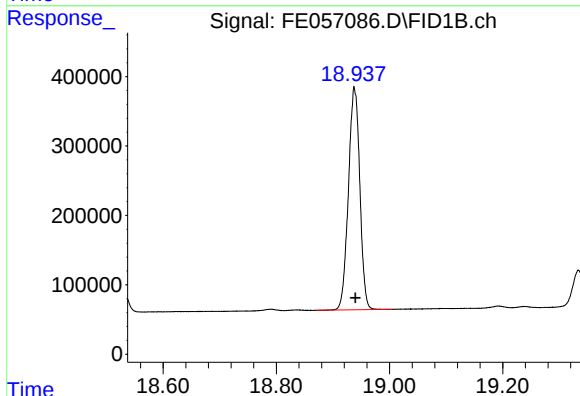
R.T.: 17.213 min
Delta R.T.: -0.001 min
Response: 3944725
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

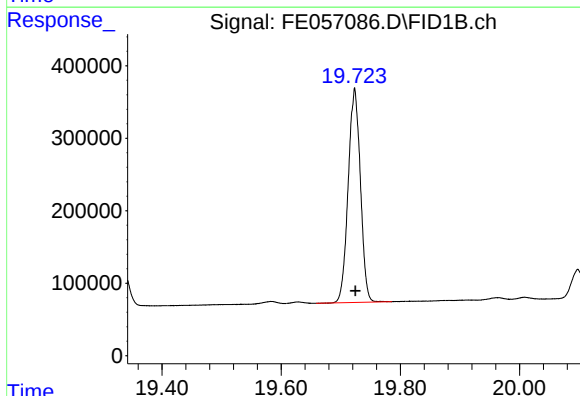
R.T.: 18.104 min
Delta R.T.: -0.001 min
Response: 4324430
Conc: 19.27 ug/ml

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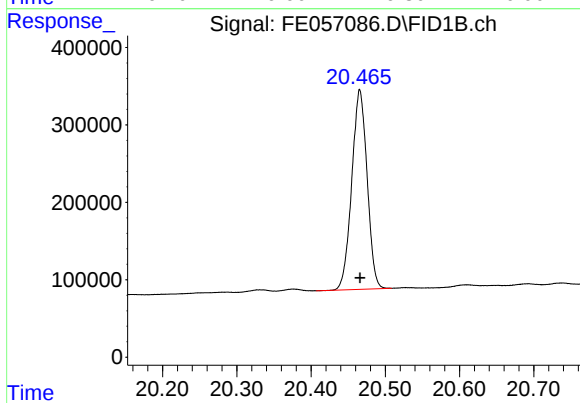
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.001 min
Response: 4489293
Conc: 19.23 ug/ml



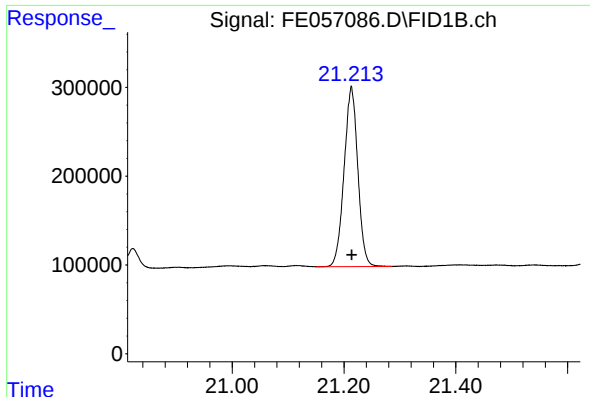
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.001 min
Response: 4201288
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

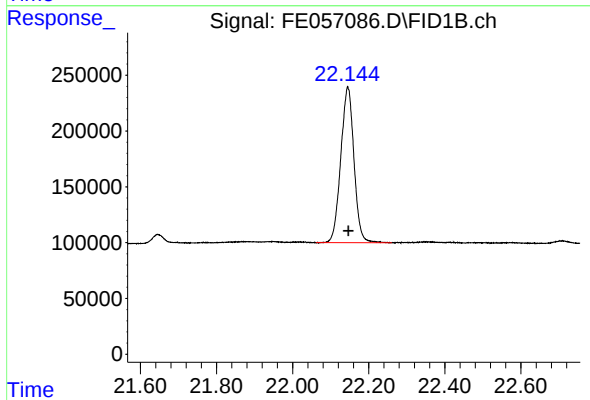
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 3702958
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 3446215
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.001 min
Response: 3358981
Conc: 19.93 ug/ml