

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
 Data File : FE056684.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2025 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 09:12:32 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)	11.967	4246617	20.327 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.405	3195314	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.321	3610699	21.497 ug/ml
2) T n-Decane (C10)	4.574	3754996	21.883 ug/ml
3) T A~Naphthalene (C11.7)	6.289	3891032	21.080 ug/ml
4) T n-Dodecane (C12)	6.747	3858138	22.182 ug/ml
5) T A~2-methylnaphthalene...	7.389	3707131	20.918 ug/ml
6) T n-Tetradecane (C14)	8.582	3805410	21.801 ug/ml
7) T n-Hexadecane (C16)	10.196	3916074	21.404 ug/ml
8) T n-Octadecane (C18)	11.644	3952178	20.881 ug/ml
10) T n-Eicosane (C20)	12.958	3765944	20.208 ug/ml
11) T n-Heneicosane (C21)	13.573	3672550	19.972 ug/ml
13) T n-Docosane (C22)	14.160	3662220	19.563 ug/ml
14) T n-Tetracosane (C24)	15.268	3677759	18.777 ug/ml
15) T n-Hexacosane (C26)	16.291	3593567	18.491 ug/ml
16) T n-Octacosane (C28)	17.243	3533237	18.244 ug/ml
17) T n-Tricontane (C30)	18.134	3635211	18.131 ug/ml
18) T n-Dotriacontane (C32)	18.968	3580280	18.206 ug/ml
19) T n-Tetratriacontane (C34)	19.754	3259587	18.884 ug/ml
20) T n-Hexatriacontane (C36)	20.496	2905977	20.089 ug/ml
21) T n-Octatriacontane (C38)	21.249	2701768	21.466 ug/ml
22) T n-Tetracontane (C40)	22.192	2688590	23.255 ug/ml

(f)=RT Delta > 1/2 Window

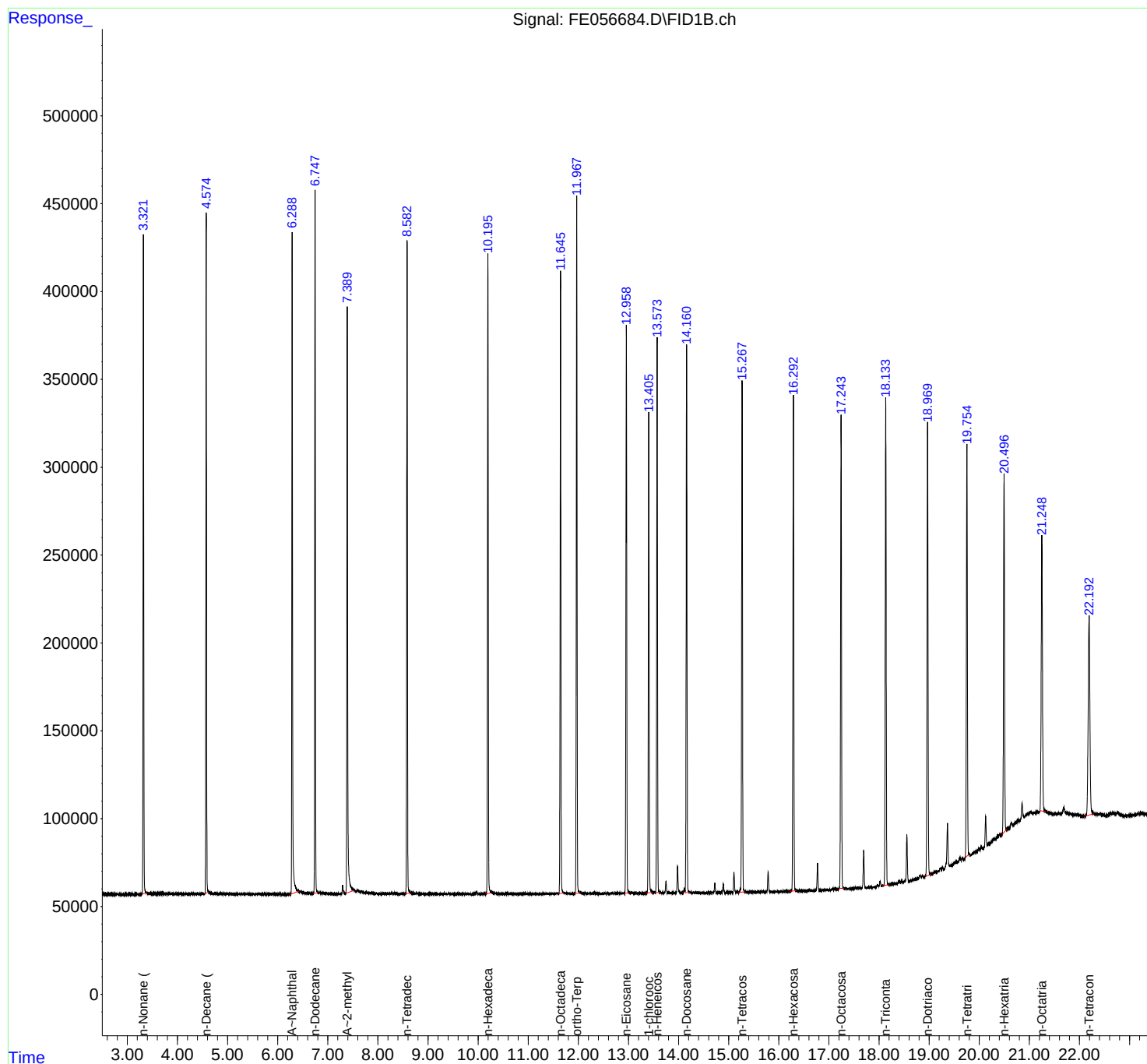
(m)=manual int.

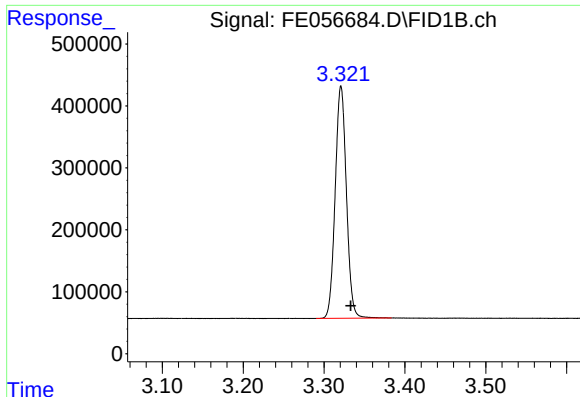
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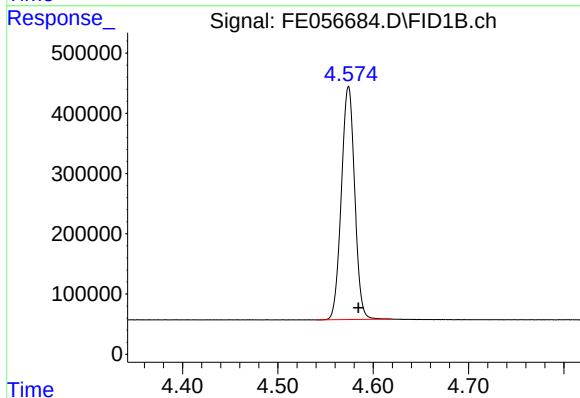




#1 n-Nonane (C9)

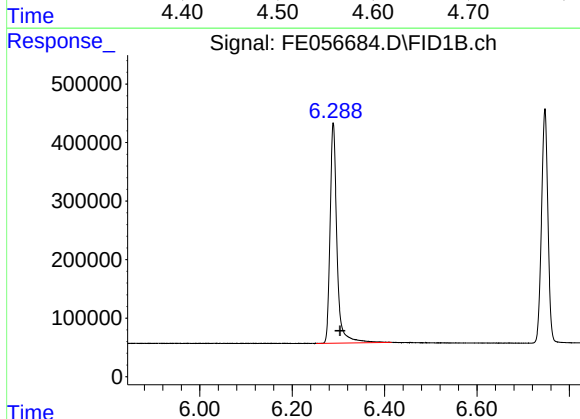
R.T.: 3.321 min
Delta R.T.: -0.012 min
Response: 3610699
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



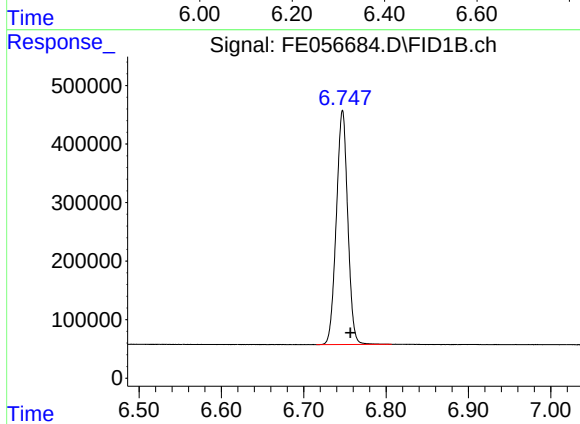
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.011 min
Response: 3754996
Conc: 21.88 ug/ml



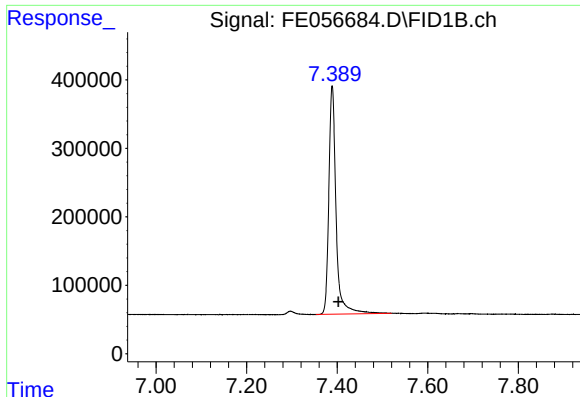
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.014 min
Response: 3891032
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

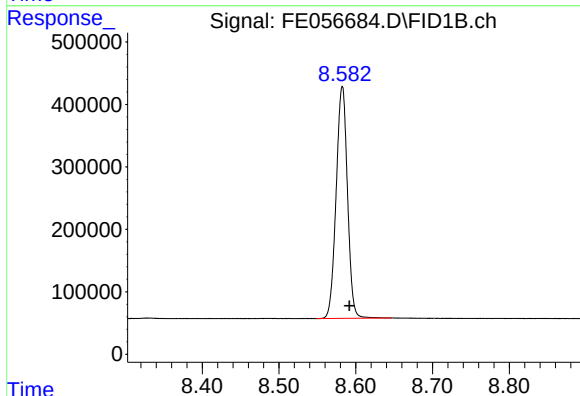
R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 3858138
Conc: 22.18 ug/ml



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

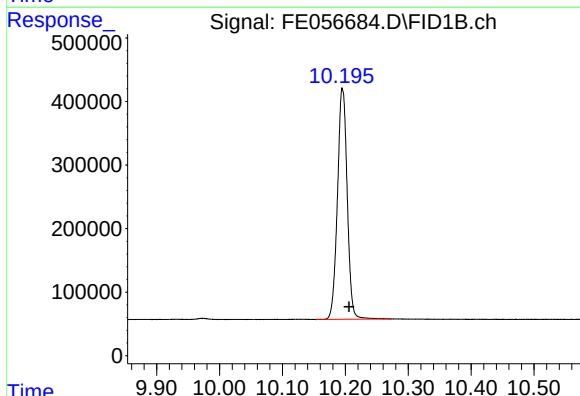
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 3707131
Conc: 20.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



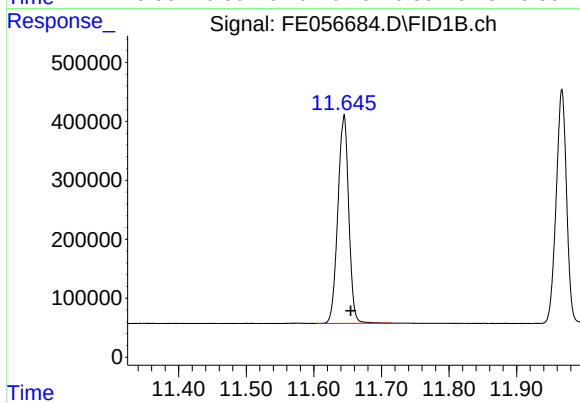
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.010 min
Response: 3805410
Conc: 21.80 ug/ml



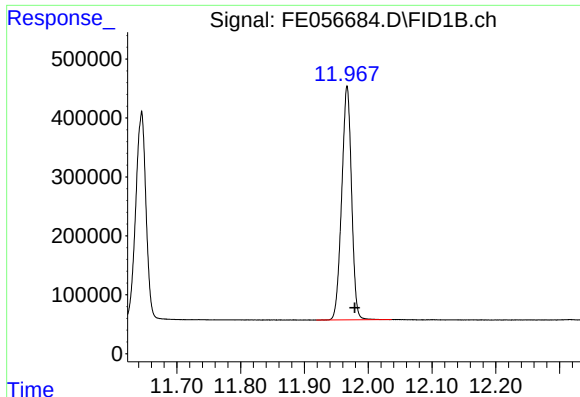
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.010 min
Response: 3916074
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

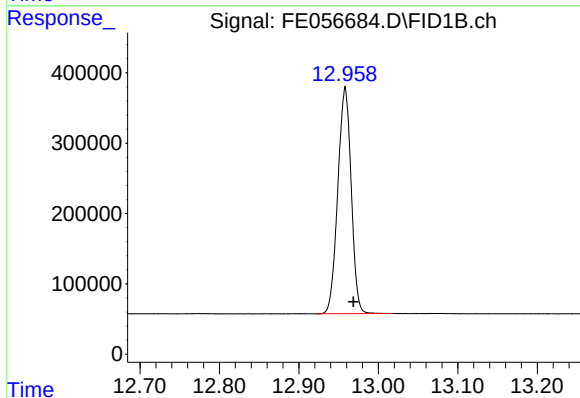
R.T.: 11.644 min
Delta R.T.: -0.010 min
Response: 3952178
Conc: 20.88 ug/ml



#9 ortho-Terphenyl (SURR)

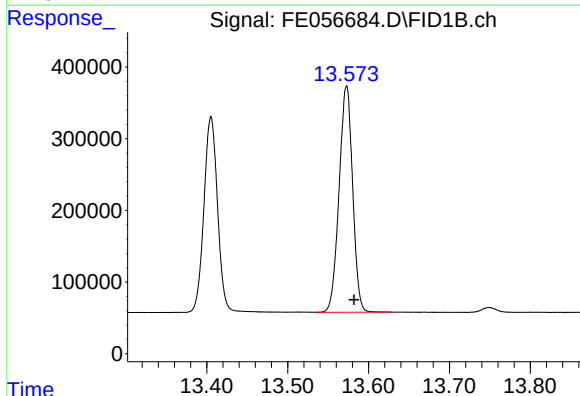
R.T.: 11.967 min
Delta R.T.: -0.012 min
Response: 4246617
Conc: 20.33 ug/ml

Instrument :
FID_E
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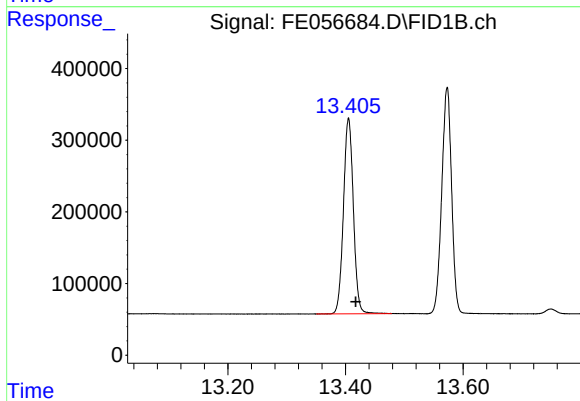
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.011 min
Response: 3765944
Conc: 20.21 ug/ml



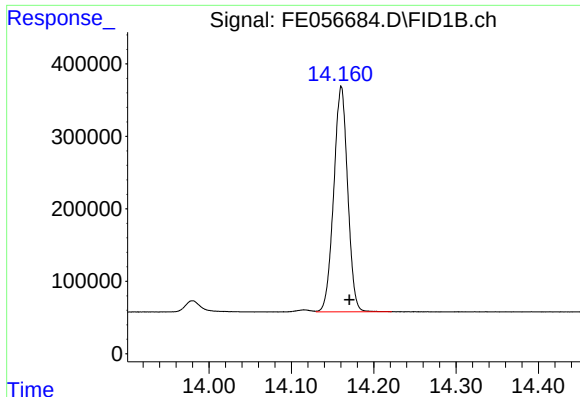
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.010 min
Response: 3672550
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

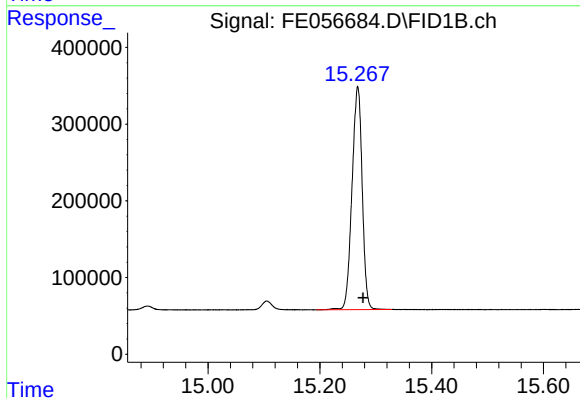
R.T.: 13.405 min
Delta R.T.: -0.012 min
Response: 3195314
Conc: 19.83 ug/ml



#13 n-Docosane (C22)

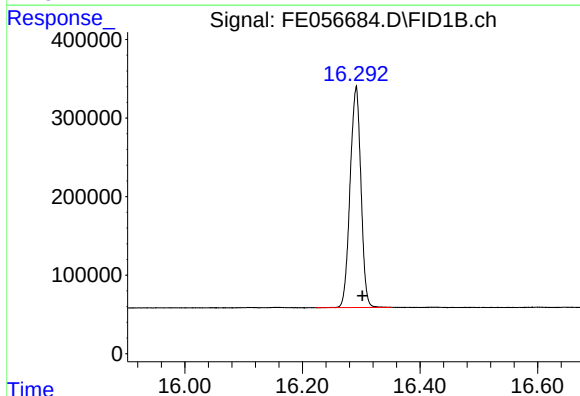
R.T.: 14.160 min
Delta R.T.: -0.010 min
Response: 3662220
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



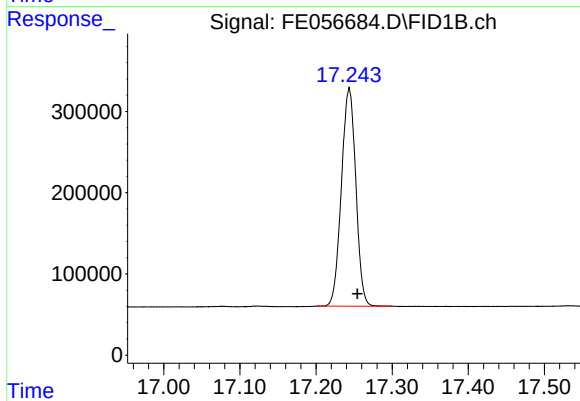
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: -0.010 min
Response: 3677759
Conc: 18.78 ug/ml



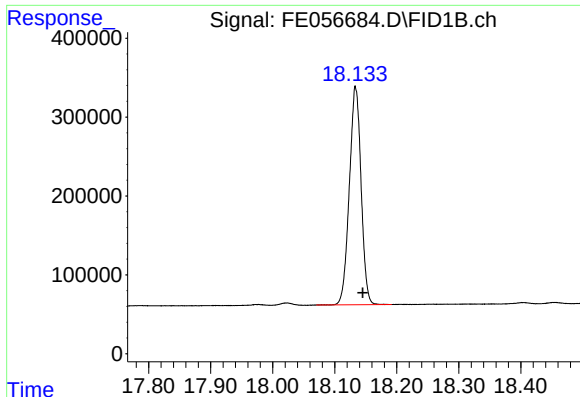
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 3593567
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

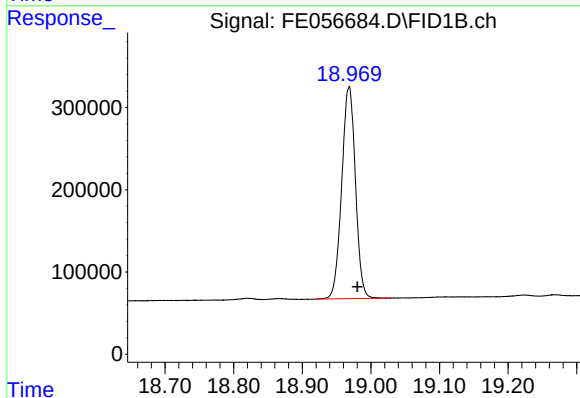
R.T.: 17.243 min
Delta R.T.: -0.011 min
Response: 3533237
Conc: 18.24 ug/ml



#17 n-Tricontane (C30)

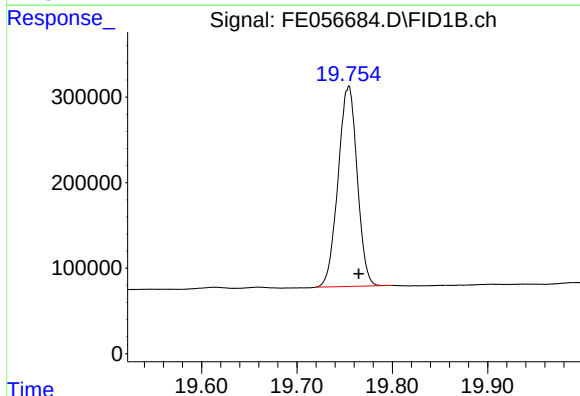
R.T.: 18.134 min
Delta R.T.: -0.011 min
Response: 3635211
Conc: 18.13 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



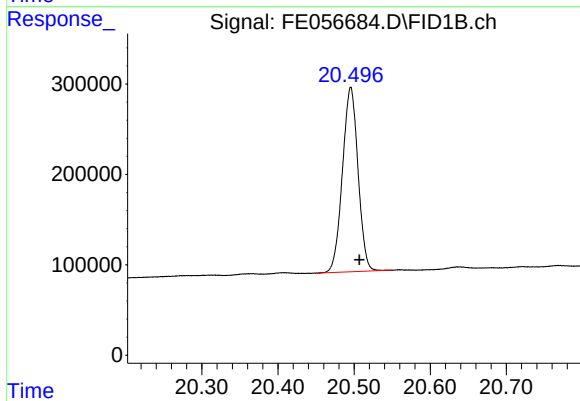
#18 n-Dotriacontane (C32)

R.T.: 18.968 min
Delta R.T.: -0.012 min
Response: 3580280
Conc: 18.21 ug/ml



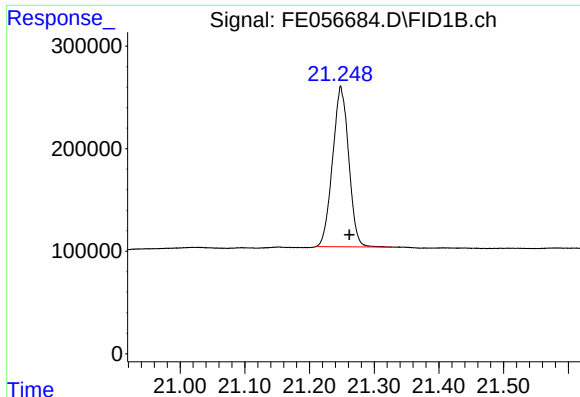
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: -0.011 min
Response: 3259587
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

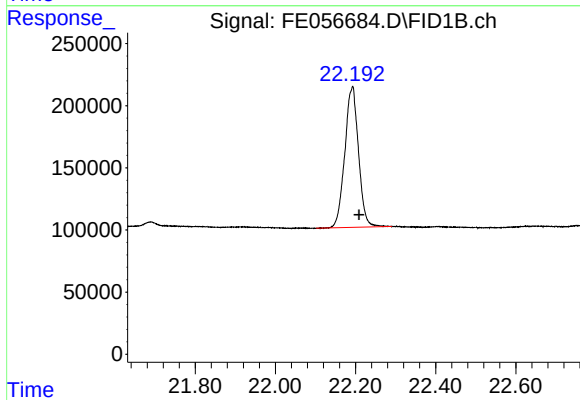
R.T.: 20.496 min
Delta R.T.: -0.011 min
Response: 2905977
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: -0.013 min
Response: 2701768
Conc: 21.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: -0.017 min
Response: 2688590
Conc: 23.25 ug/ml