

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052670.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 20:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 02:11:42 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)	11.915	2979779	17.675 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
12) S 1-chlorooctadecane (S...	13.361	2238748	18.437 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.251	2786298	17.970 ug/ml
2) T n-Decane (C10)	4.513	2895555	18.432 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3120925	18.403 ug/ml
4) T n-Dodecane (C12)	6.696	2866069	18.408 ug/ml
5) T A~2-methylnaphthalene...	7.331	2981770	18.399 ug/ml
6) T n-Tetradecane (C14)	8.534	2767051	18.287 ug/ml
7) T n-Hexadecane (C16)	10.149	2797285	18.296 ug/ml
8) T n-Octadecane (C18)	11.599	2768030	18.194 ug/ml
10) T n-Eicosane (C20)	12.914	2629276	18.111 ug/ml
11) T n-Heneicosane (C21)	13.529	2575584	18.096 ug/ml
13) T n-Docosane (C22)	14.117	2561754	18.001 ug/ml
14) T n-Tetracosane (C24)	15.225	2564082	17.917 ug/ml
15) T n-Hexacosane (C26)	16.249	2539829	17.862 ug/ml
16) T n-Octacosane (C28)	17.202	2563810	18.030 ug/ml
17) T n-Tricontane (C30)	18.092	2698344	18.269 ug/ml
18) T n-Dotriacontane (C32)	18.927	2706441	18.642 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2435289	18.069 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2194246	18.466 ug/ml
21) T n-Octatriacontane (C38)	21.197	2155241	19.428 ug/ml
22) T n-Tetracontane (C40)	22.122	2303900	21.310 ug/ml

(f)=RT Delta > 1/2 Window

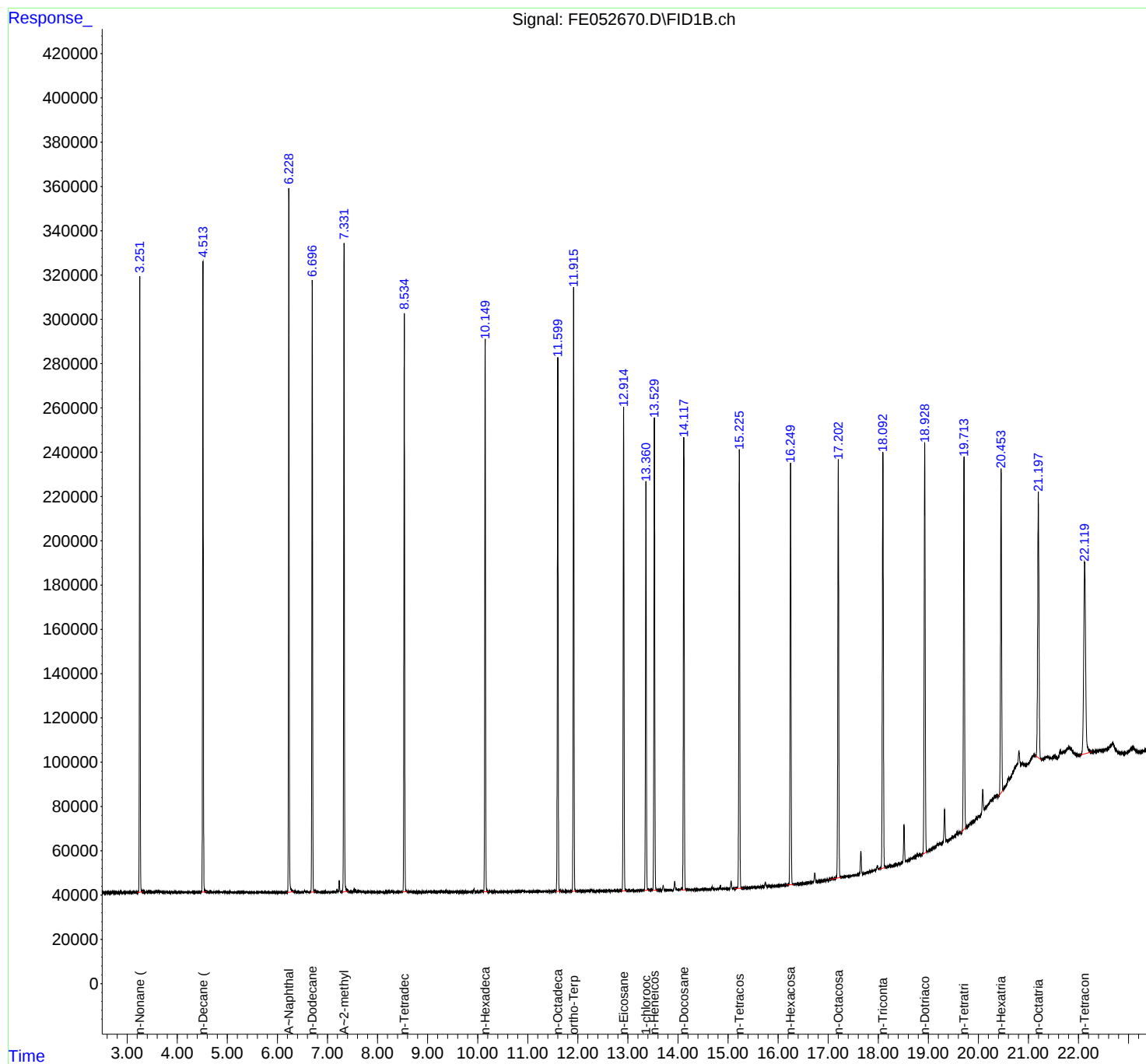
(m)=manual int.

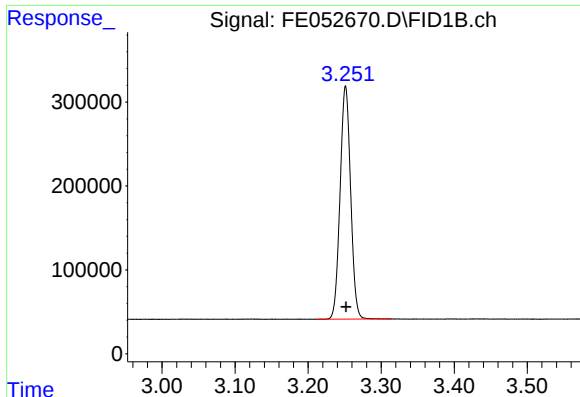
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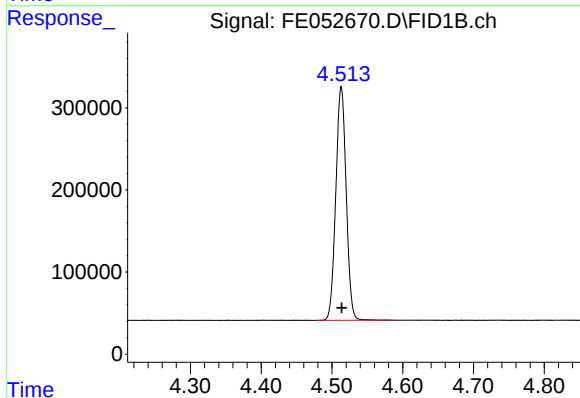




#1 n-Nonane (C9)

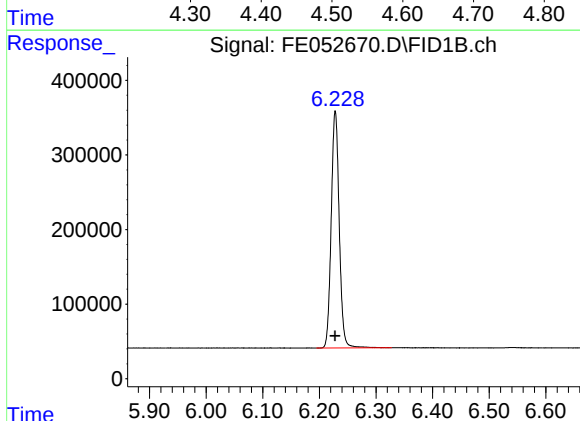
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 2786298
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :



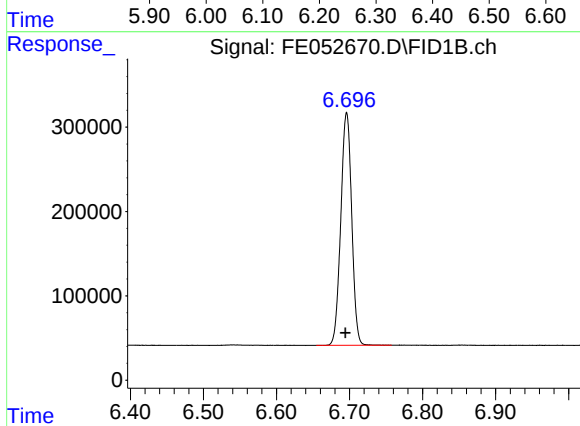
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 2895555
Conc: 18.43 ug/ml



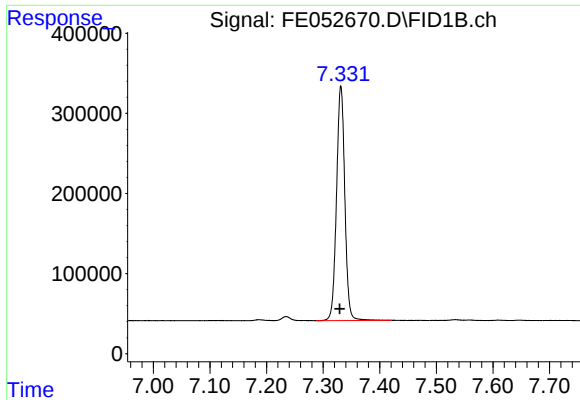
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3120925
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

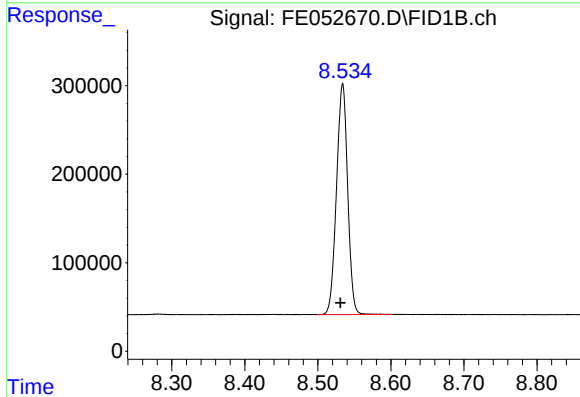
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 2866069
Conc: 18.41 ug/ml



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

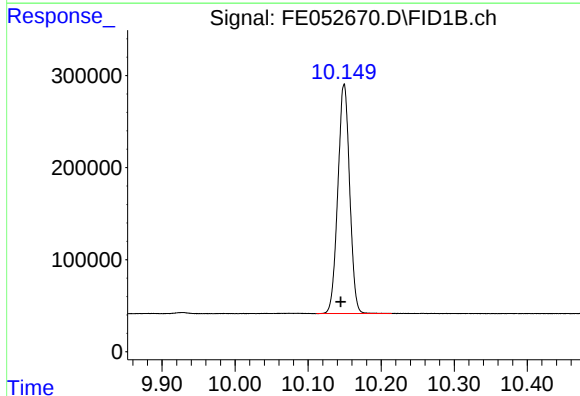
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 2981770
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :



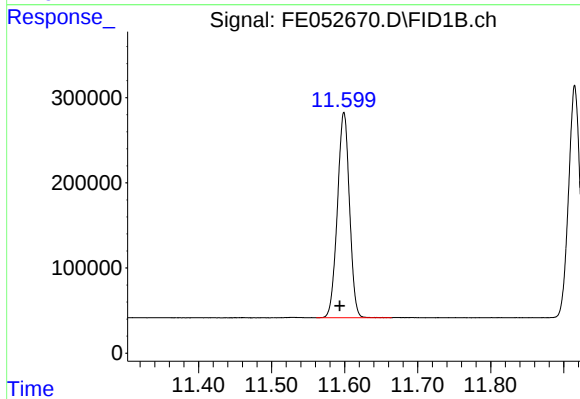
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 2767051
Conc: 18.29 ug/ml



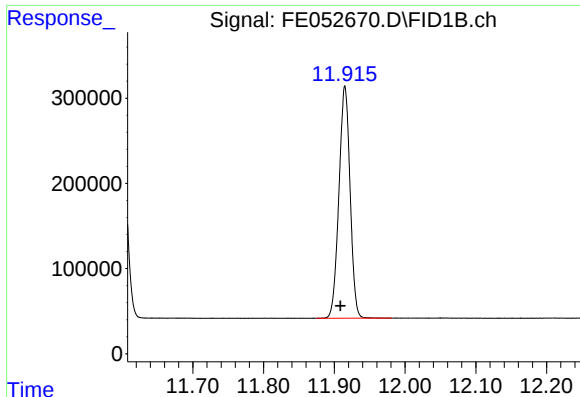
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.005 min
Response: 2797285
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

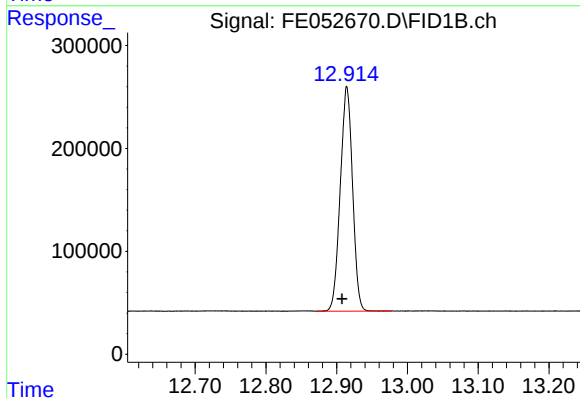
R.T.: 11.599 min
Delta R.T.: 0.006 min
Response: 2768030
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

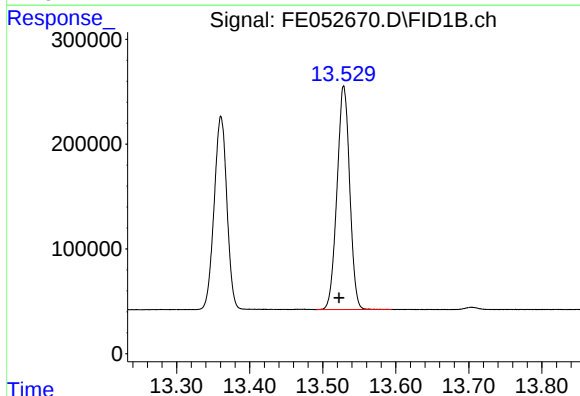
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 2979779
Conc: 17.68 ug/ml

Instrument :
FID_E
ClientSampleId :



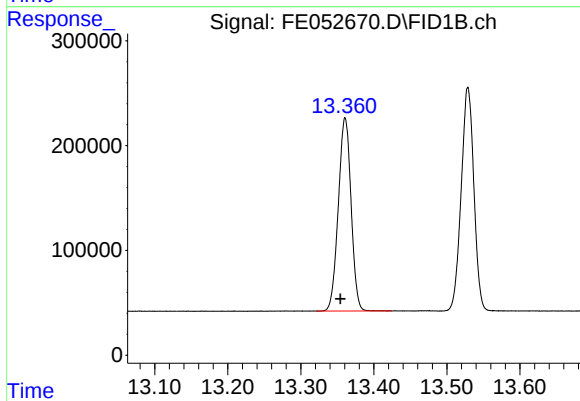
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 2629276
Conc: 18.11 ug/ml



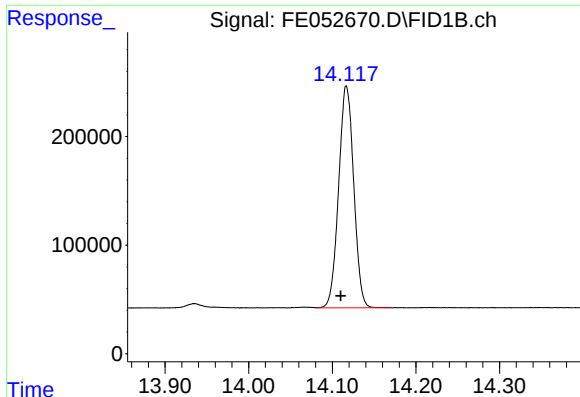
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.007 min
Response: 2575584
Conc: 18.10 ug/ml



#12 1-chlorooctadecane (SURR)

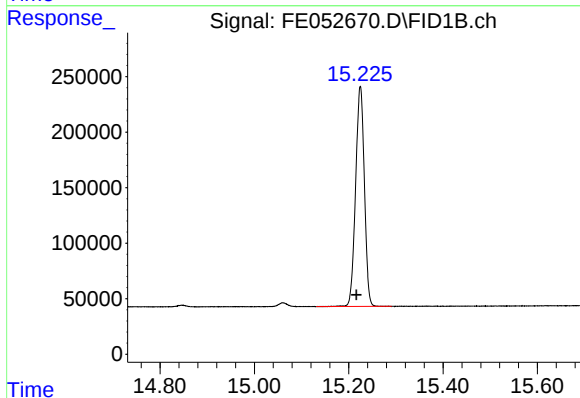
R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 2238748
Conc: 18.44 ug/ml



#13 n-Docosane (C22)

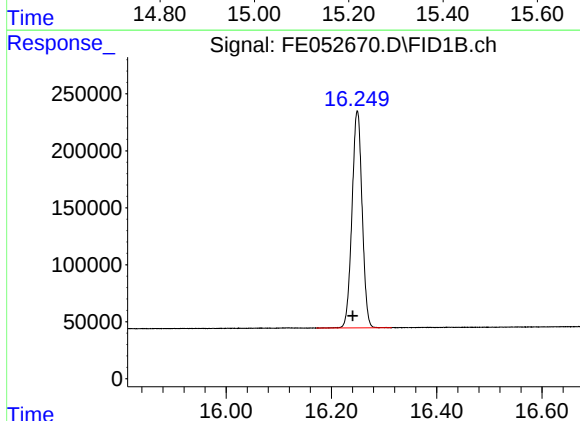
R.T.: 14.117 min
Delta R.T.: 0.007 min
Response: 2561754
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :



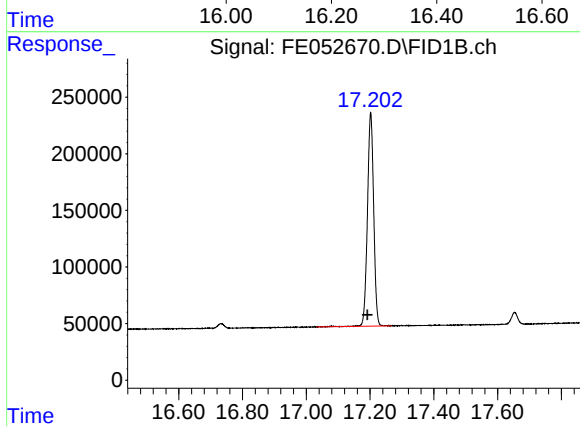
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.009 min
Response: 2564082
Conc: 17.92 ug/ml



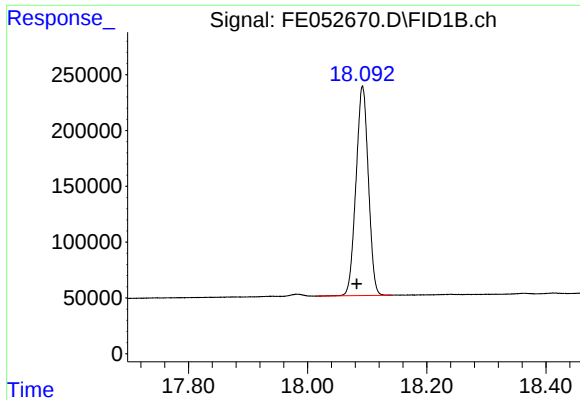
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.009 min
Response: 2539829
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

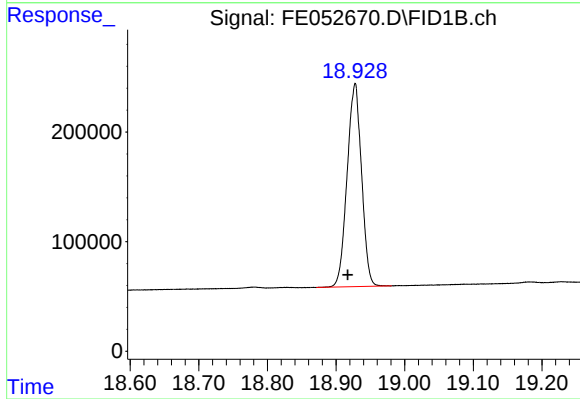
R.T.: 17.202 min
Delta R.T.: 0.010 min
Response: 2563810
Conc: 18.03 ug/ml



#17 n-Tricontane (C30)

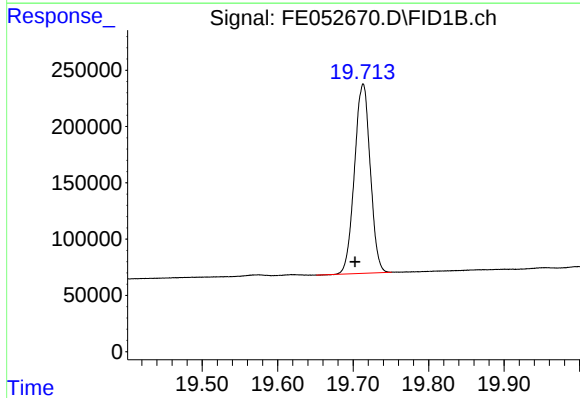
R.T.: 18.092 min
Delta R.T.: 0.010 min
Response: 2698344
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :



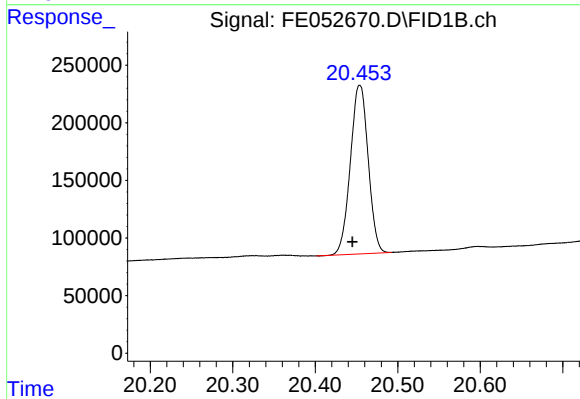
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.010 min
Response: 2706441
Conc: 18.64 ug/ml



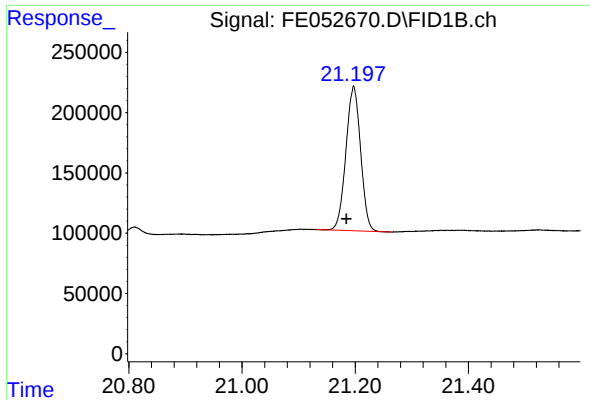
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.010 min
Response: 2435289
Conc: 18.07 ug/ml



#20 n-Hexatriacontane (C36)

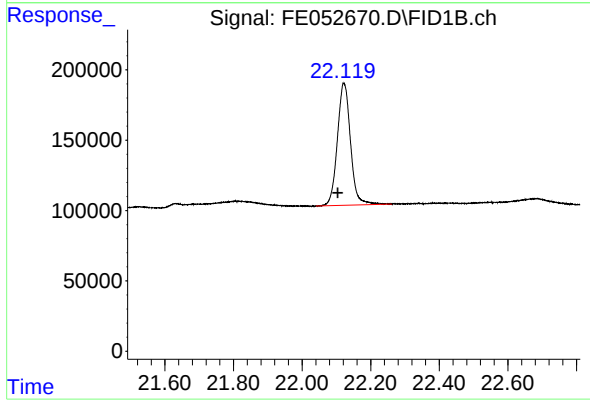
R.T.: 20.454 min
Delta R.T.: 0.009 min
Response: 2194246
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.012 min
Response: 2155241
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.018 min
Response: 2303900
Conc: 21.31 ug/ml