

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015198.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 14:53
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 20 15:54:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:49:44 2024
 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	7859284	49.362 ug/ml
Spiked Amount 50.000		Recovery =	98.72%
12) S 1-chlorooctadecane (S...	13.361	6100418	49.394 ug/ml
Spiked Amount 50.000		Recovery =	98.79%
Target Compounds			
1) T n-Nonane (C9)	3.320	6469673	49.295 ug/ml
2) T n-Decane (C10)	4.572	6613612	49.283 ug/ml
3) T A~Naphthalene (C11.7)	6.272	7314082	49.357 ug/ml
4) T n-Dodecane (C12)	6.736	6721584	49.291 ug/ml
5) T A~2-methylnaphthalene...	7.367	7126103	49.289 ug/ml
6) T n-Tetradecane (C14)	8.561	6758675	49.325 ug/ml
7) T n-Hexadecane (C16)	10.166	7084379	49.391 ug/ml
8) T n-Octadecane (C18)	11.609	7245757	49.340 ug/ml
10) T n-Eicosane (C20)	12.916	7058239	49.332 ug/ml
11) T n-Heneicosane (C21)	13.529	6979159	49.338 ug/ml
13) T n-Docosane (C22)	14.114	6964178	49.319 ug/ml
14) T n-Tetracosane (C24)	15.216	6956234	49.186 ug/ml
15) T n-Hexacosane (C26)	16.235	6790037	49.039 ug/ml
16) T n-Octacosane (C28)	17.185	6602222	48.831 ug/ml
17) T n-Tricontane (C30)	18.072	6581257	48.550 ug/ml
18) T n-Dotriacontane (C32)	18.903	6204309	48.346 ug/ml
19) T n-Tetratriacontane (C34)	19.685	5352054	48.515 ug/ml
20) T n-Hexatriacontane (C36)	20.424	4525741	48.705 ug/ml
21) T n-Octatriacontane (C38)	21.156	4219332	49.014 ug/ml
22) T n-Tetracontane (C40)	22.065	4004855	49.240 ug/ml

(f)=RT Delta > 1/2 Window

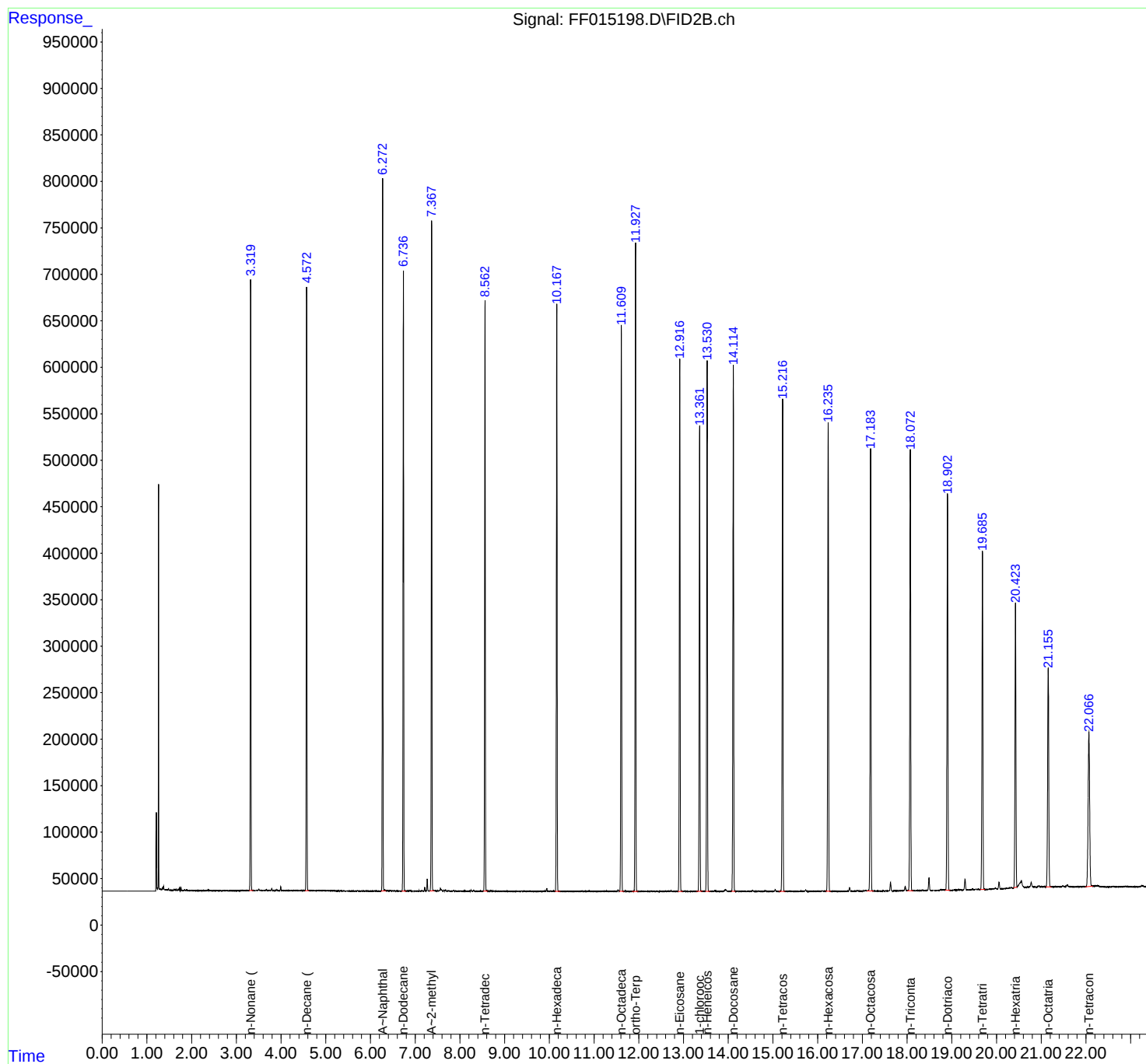
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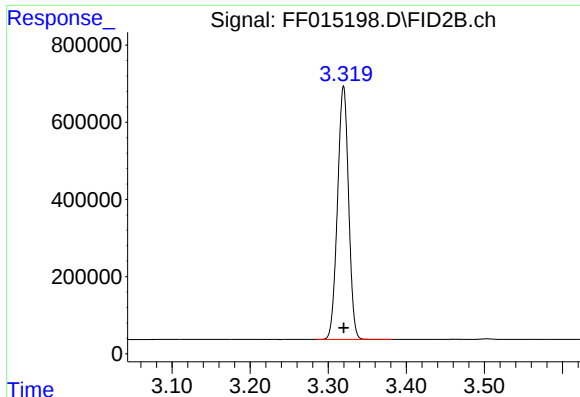
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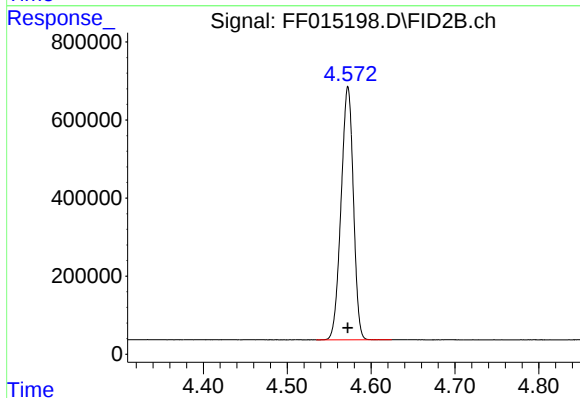




#1 n-Nonane (C9)

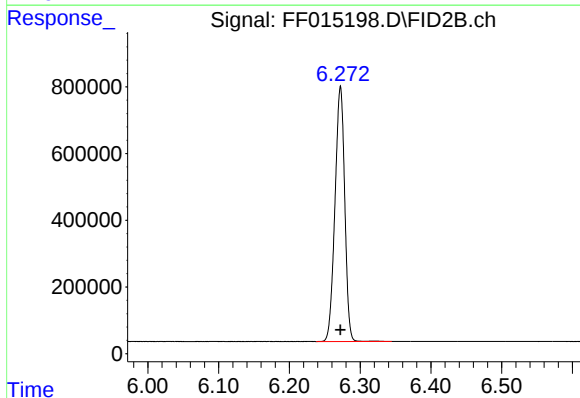
R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 6469673
Conc: 49.30 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



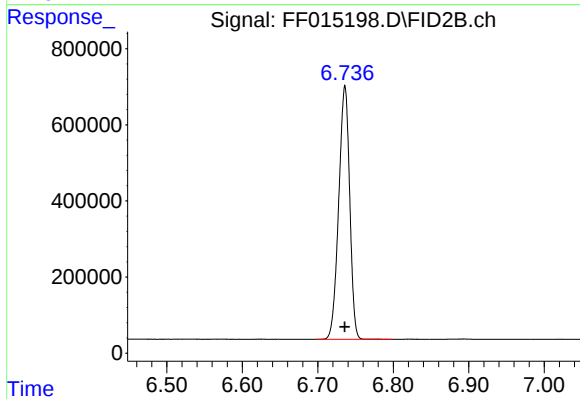
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 6613612
Conc: 49.28 ug/ml



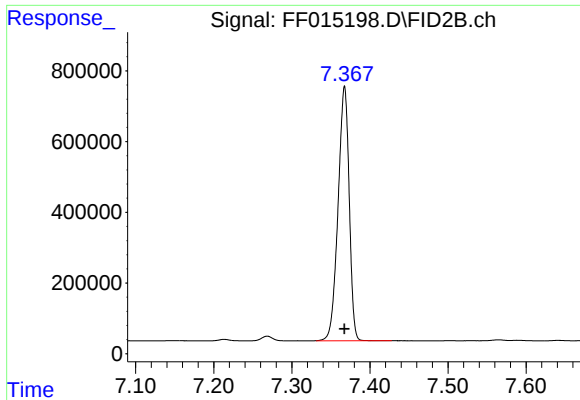
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 7314082
Conc: 49.36 ug/ml



#4 n-Dodecane (C12)

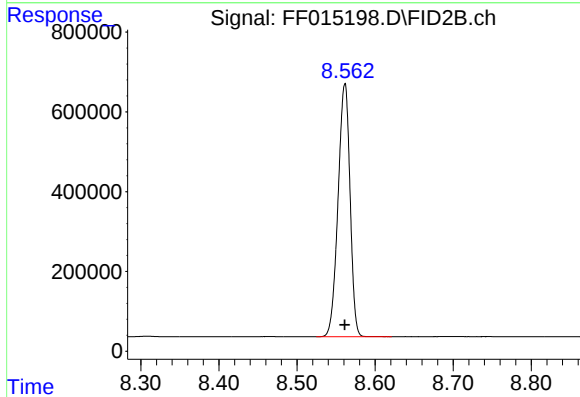
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 6721584
Conc: 49.29 ug/ml



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

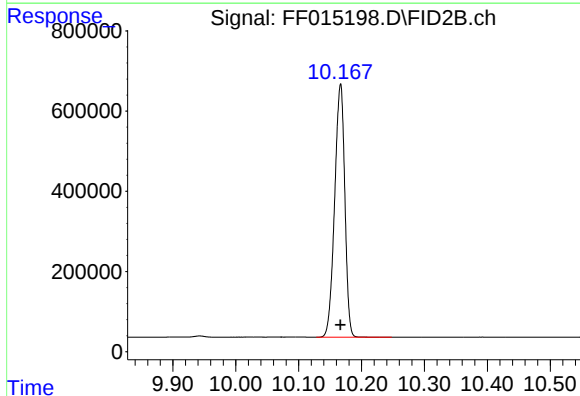
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 7126103
Conc: 49.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



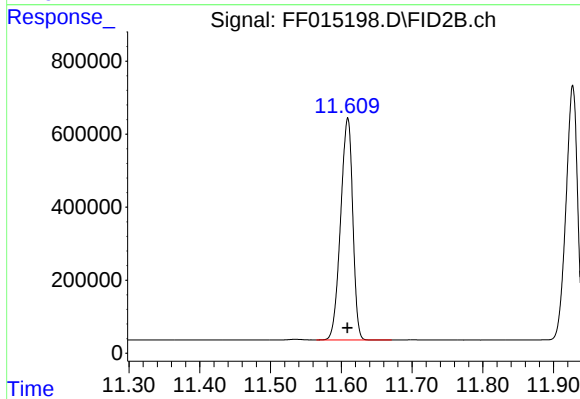
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 6758675
Conc: 49.32 ug/ml



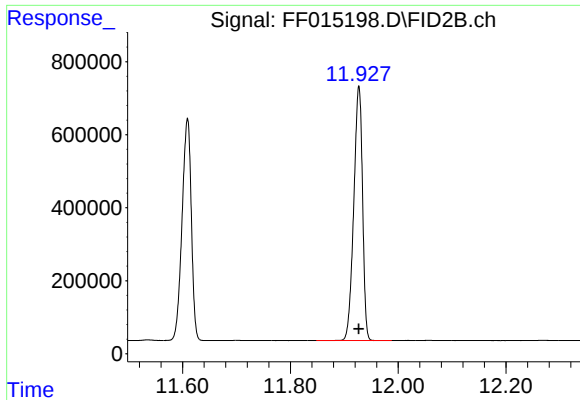
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 7084379
Conc: 49.39 ug/ml



#8 n-Octadecane (C18)

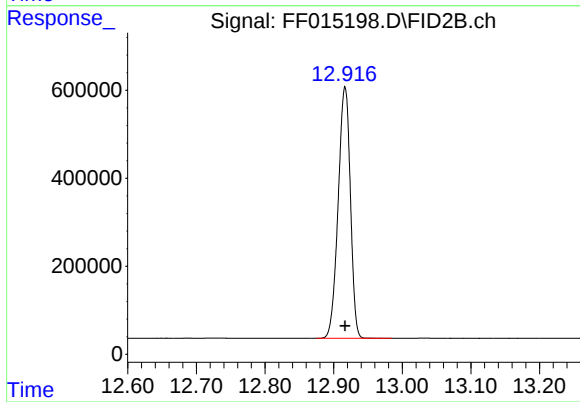
R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 7245757
Conc: 49.34 ug/ml



#9 ortho-Terphenyl (SURR)

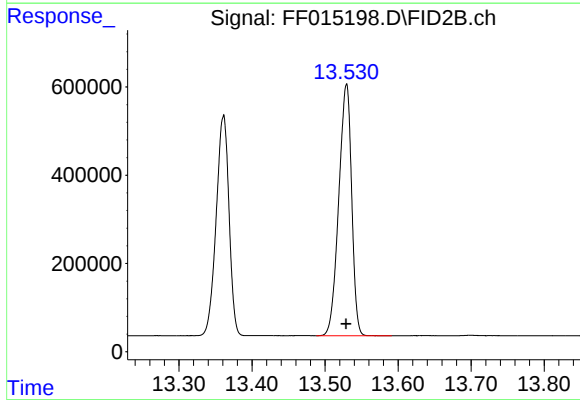
R.T.: 11.927 min
Delta R.T.: 0.000 min
Response: 7859284
Conc: 49.36 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



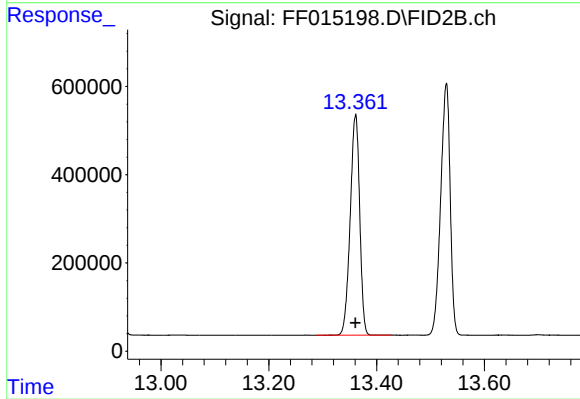
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 7058239
Conc: 49.33 ug/ml



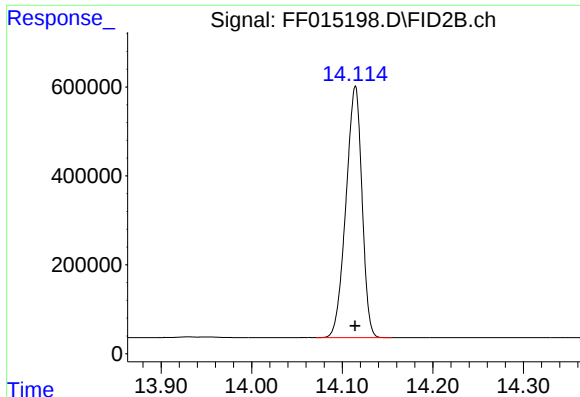
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.000 min
Response: 6979159
Conc: 49.34 ug/ml



#12 1-chlorooctadecane (SURR)

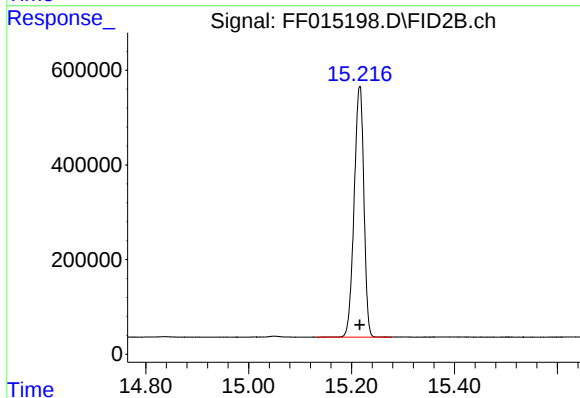
R.T.: 13.361 min
Delta R.T.: 0.000 min
Response: 6100418
Conc: 49.39 ug/ml



#13 n-Docosane (C22)

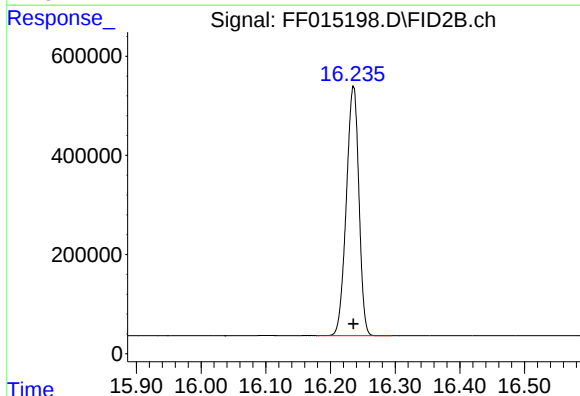
R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 6964178
Conc: 49.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



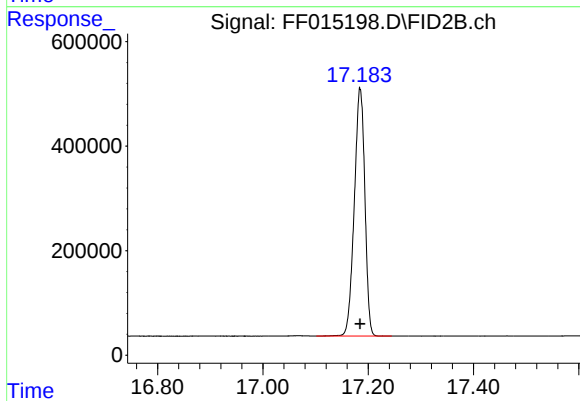
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 6956234
Conc: 49.19 ug/ml



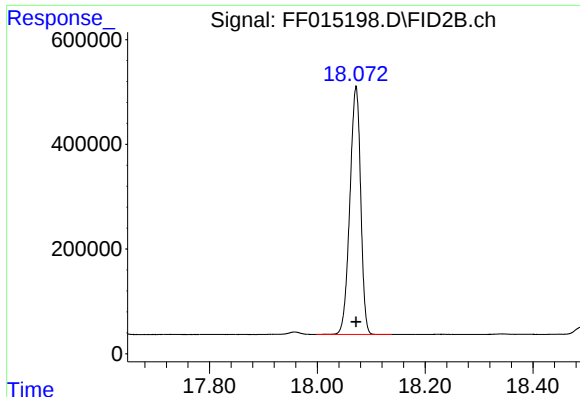
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.000 min
Response: 6790037
Conc: 49.04 ug/ml



#16 n-Octacosane (C28)

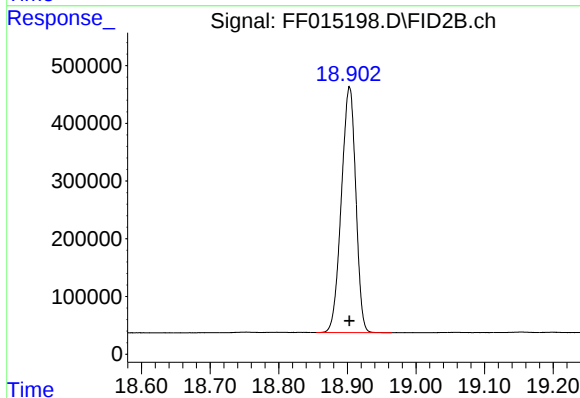
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 6602222
Conc: 48.83 ug/ml



#17 n-Tricontane (C30)

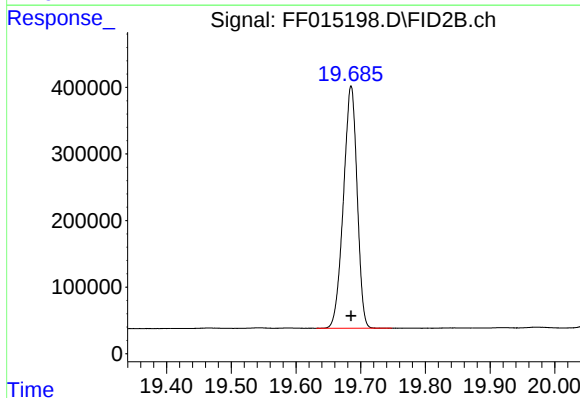
R.T.: 18.072 min
Delta R.T.: 0.000 min
Response: 6581257
Conc: 48.55 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



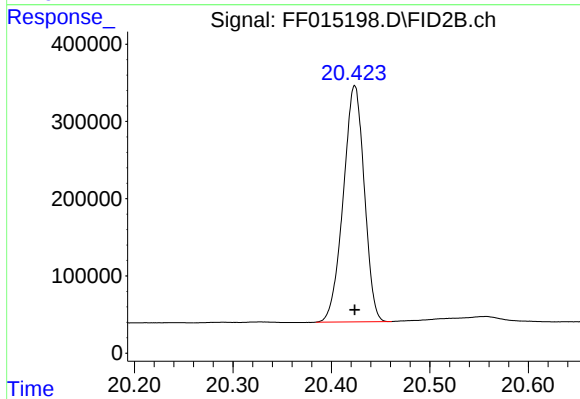
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: 0.000 min
Response: 6204309
Conc: 48.35 ug/ml



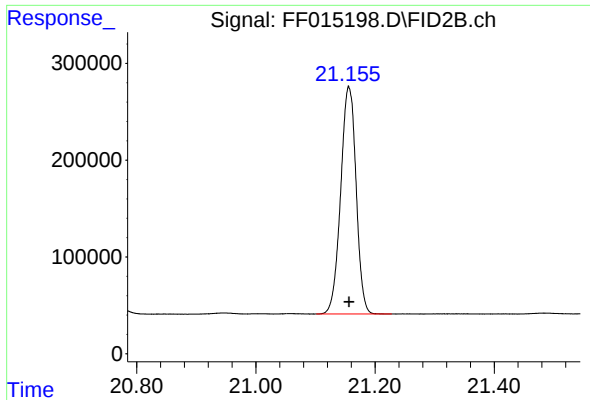
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.000 min
Response: 5352054
Conc: 48.51 ug/ml



#20 n-Hexatriacontane (C36)

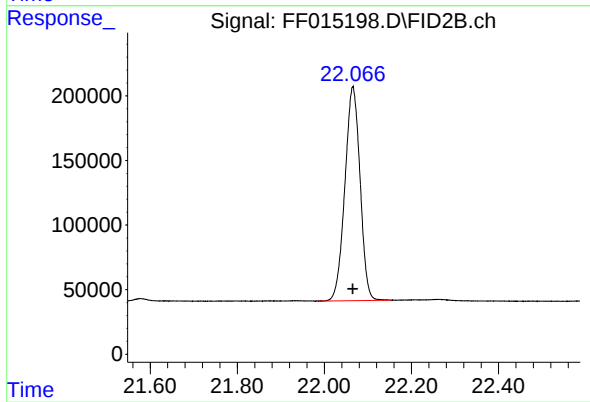
R.T.: 20.424 min
Delta R.T.: 0.000 min
Response: 4525741
Conc: 48.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: 0.000 min
Response: 4219332
Conc: 49.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: 0.000 min
Response: 4004855
Conc: 49.24 ug/ml