

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051225AL\
 Data File : FF015818.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2025 13:25
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 12 16:03:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 16:00:20 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)	11.941	13906630	97.220 ug/ml
Spiked Amount 50.000		Recovery =	194.44%
12) S 1-chlorooctadecane (S...	13.372	10615010	97.350 ug/ml
Spiked Amount 50.000		Recovery =	194.70%
Target Compounds			
1) T n-Nonane (C9)	3.310	10704634	98.348 ug/ml
2) T n-Decane (C10)	4.567	10767387	98.256 ug/ml
3) T A~Naphthalene (C11.7)	6.279	11215819	105.554 ug/ml
4) T n-Dodecane (C12)	6.734	10946883	97.572 ug/ml
5) T A~2-methylnaphthalene...	7.376	10921560	111.676 ug/ml
6) T n-Tetradecane (C14)	8.561	10876814	97.426 ug/ml
7) T n-Hexadecane (C16)	10.169	11001871	97.935 ug/ml
8) T n-Octadecane (C18)	11.614	11172425	97.322 ug/ml
10) T n-Eicosane (C20)	12.924	11236772	96.569 ug/ml
11) T n-Heneicosane (C21)	13.536	11265018	96.420 ug/ml
13) T n-Docosane (C22)	14.123	11266564	96.573 ug/ml
14) T n-Tetracosane (C24)	15.226	11305975	96.465 ug/ml
15) T n-Hexacosane (C26)	16.250	11266110	96.439 ug/ml
16) T n-Octacosane (C28)	17.200	11130627	96.078 ug/ml
17) T n-Tricontane (C30)	18.088	11179339	95.495 ug/ml
18) T n-Dotriacontane (C32)	18.921	11072693	94.103 ug/ml
19) T n-Tetratriacontane (C34)	19.705	10580227	95.510 ug/ml
20) T n-Hexatriacontane (C36)	20.445	10383124	98.040 ug/ml
21) T n-Octatriacontane (C38)	21.181	9806566	97.009 ug/ml
22) T n-Tetracontane (C40)	22.092	9432849	96.674 ug/ml

(f)=RT Delta > 1/2 Window

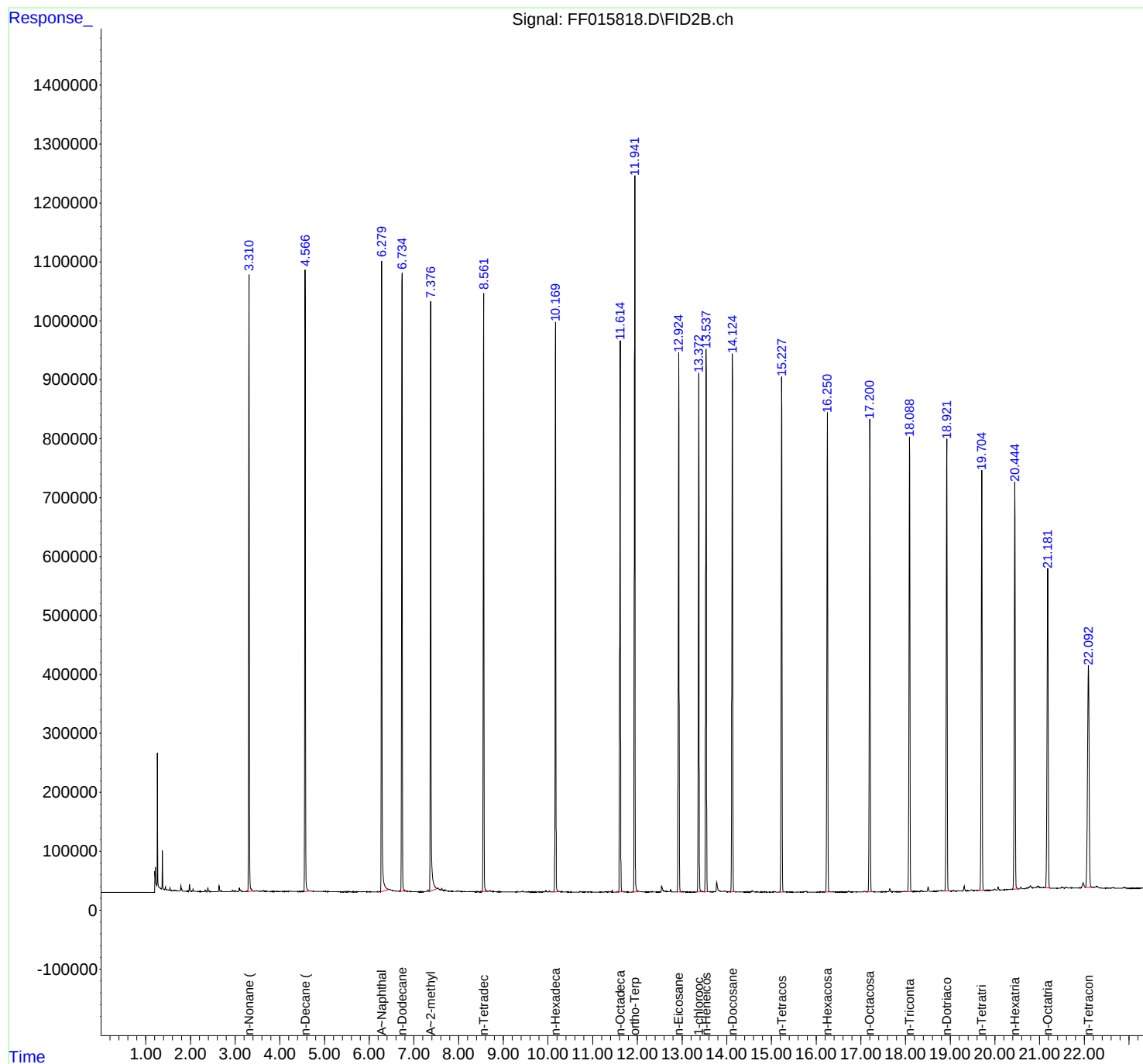
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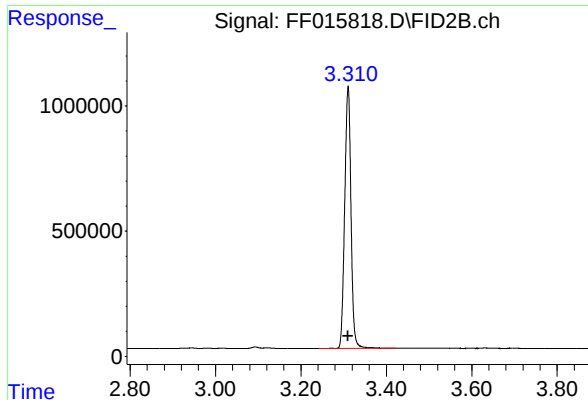
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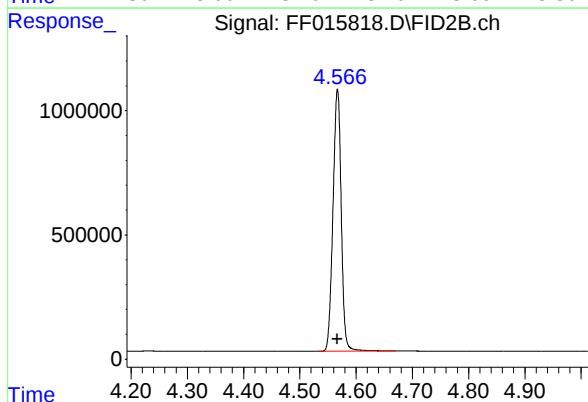




#1 n-Nonane (C9)

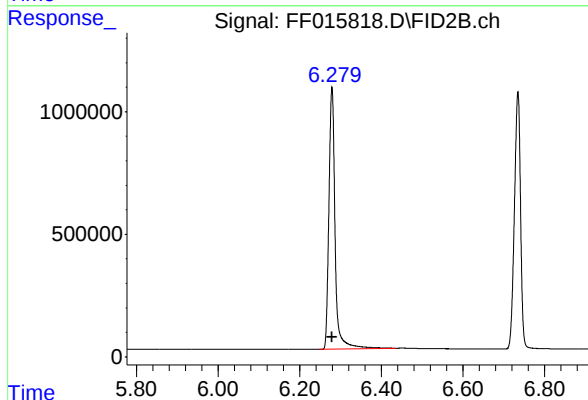
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 10704634
Conc: 98.35 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



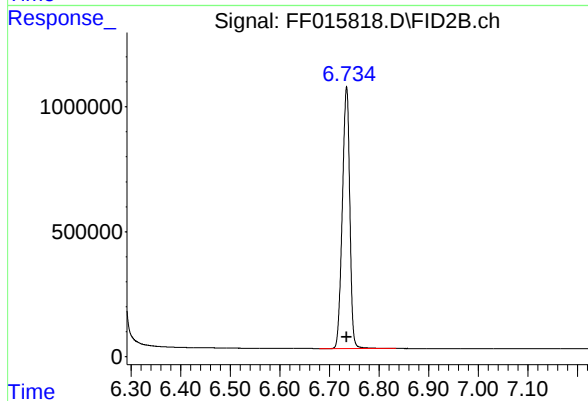
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 10767387
Conc: 98.26 ug/ml



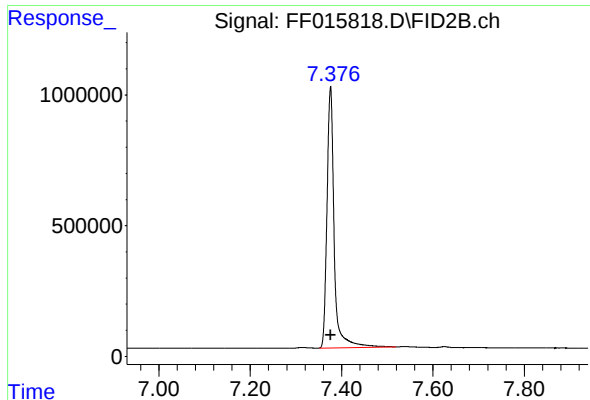
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 11215819
Conc: 105.55 ug/ml



#4 n-Dodecane (C12)

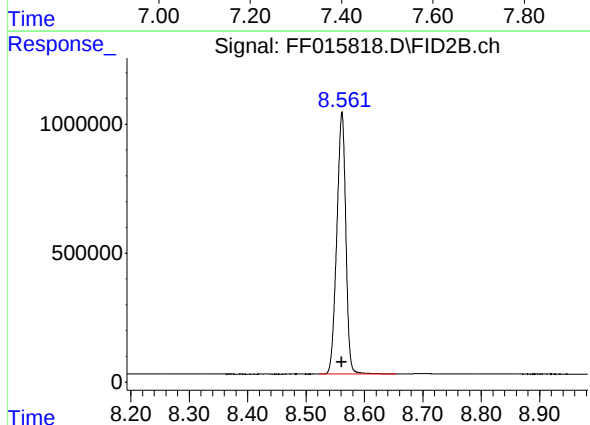
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 10946883
Conc: 97.57 ug/ml



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

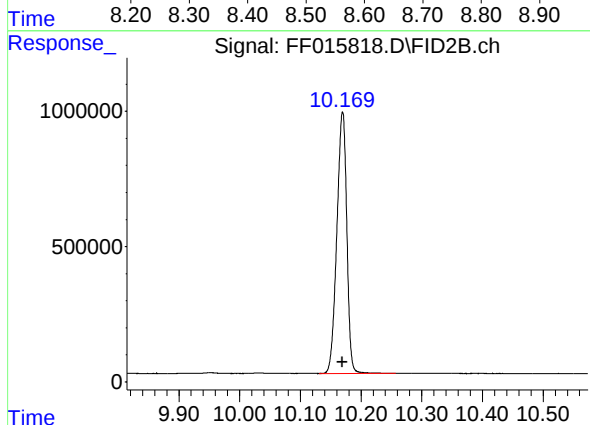
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 10921560
Conc: 111.68 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



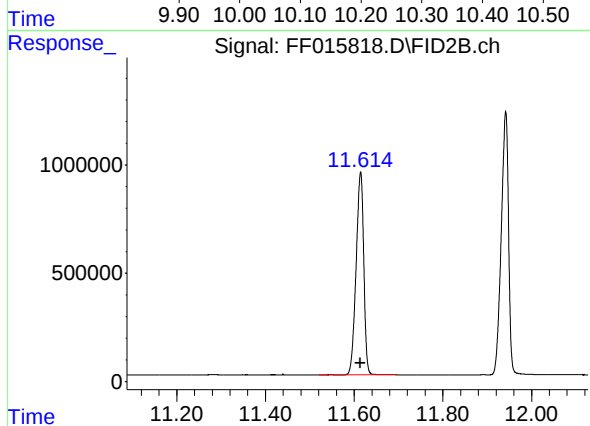
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 10876814
Conc: 97.43 ug/ml



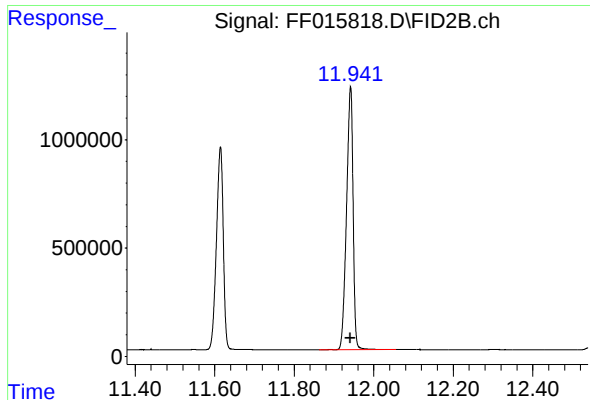
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 11001871
Conc: 97.93 ug/ml



#8 n-Octadecane (C18)

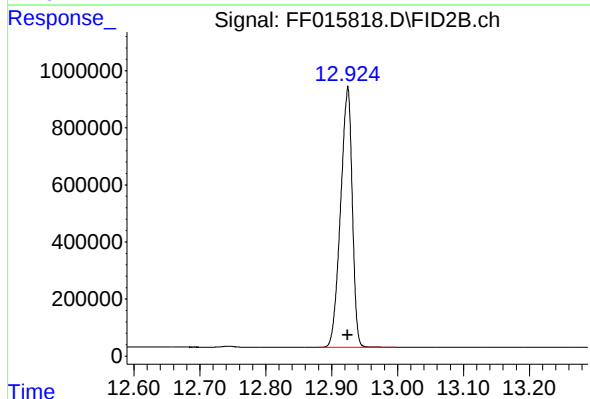
R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 11172425
Conc: 97.32 ug/ml



#9 ortho-Terphenyl (SURR)

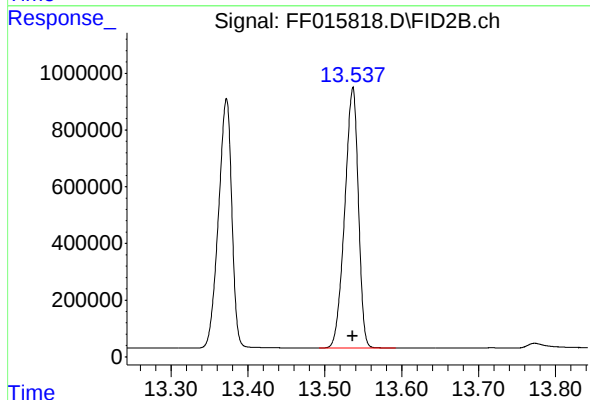
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 13906630
Conc: 97.22 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



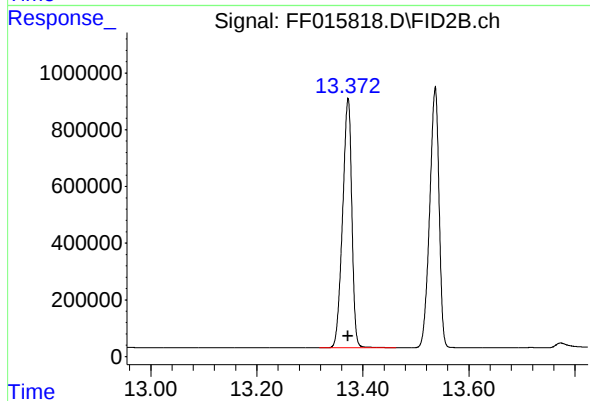
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 11236772
Conc: 96.57 ug/ml



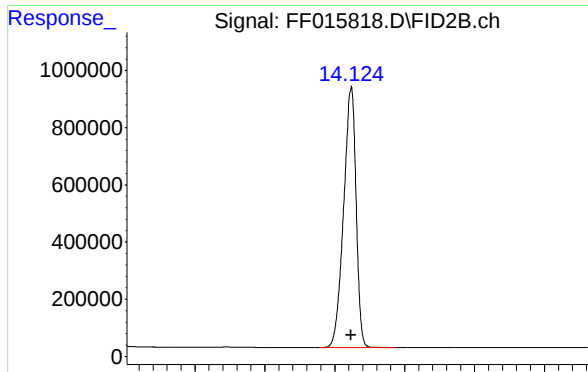
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 11265018
Conc: 96.42 ug/ml



#12 1-chlorooctadecane (SURR)

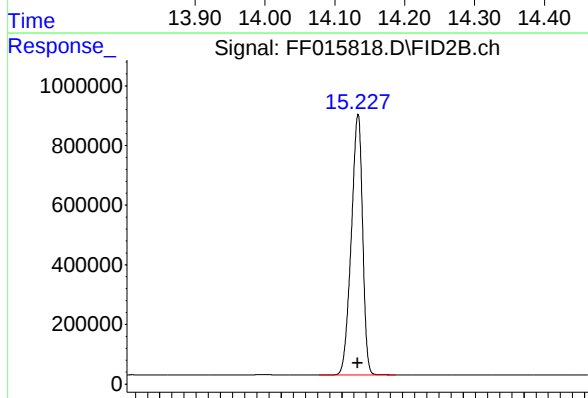
R.T.: 13.372 min
Delta R.T.: 0.000 min
Response: 10615010
Conc: 97.35 ug/ml



#13 n-Docosane (C22)

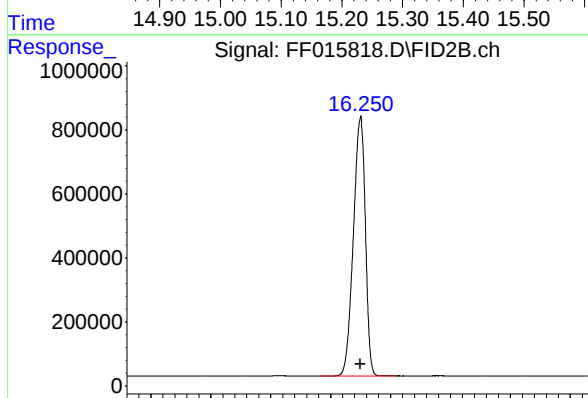
R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 11266564
Conc: 96.57 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



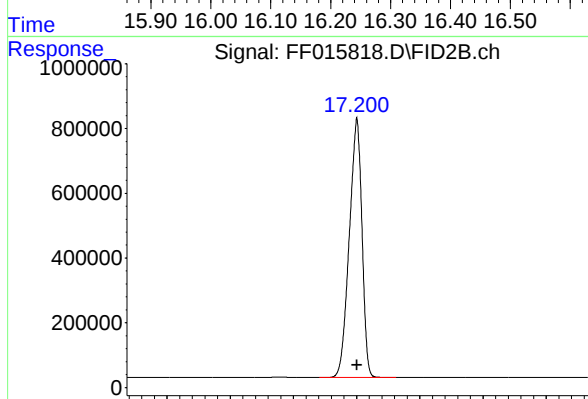
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 11305975
Conc: 96.47 ug/ml



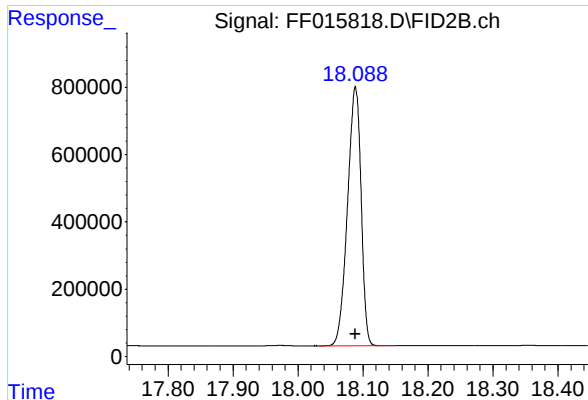
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 11266110
Conc: 96.44 ug/ml



#16 n-Octacosane (C28)

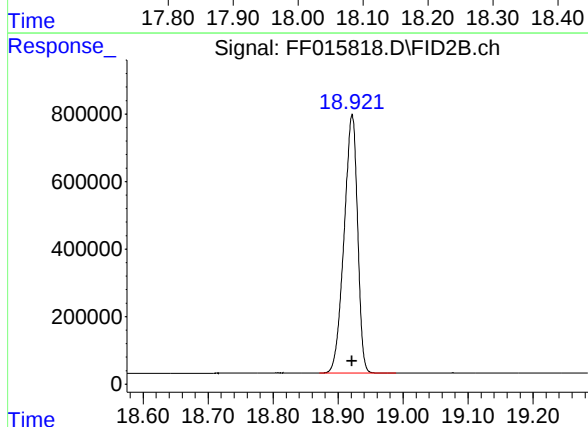
R.T.: 17.200 min
Delta R.T.: 0.000 min
Response: 11130627
Conc: 96.08 ug/ml



#17 n-Tricontane (C30)

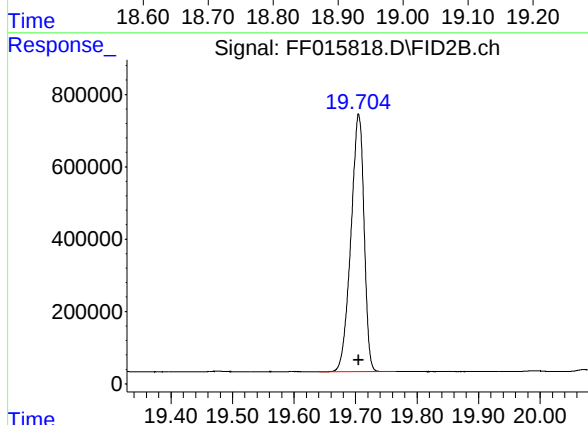
R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 11179339
Conc: 95.50 ug/ml

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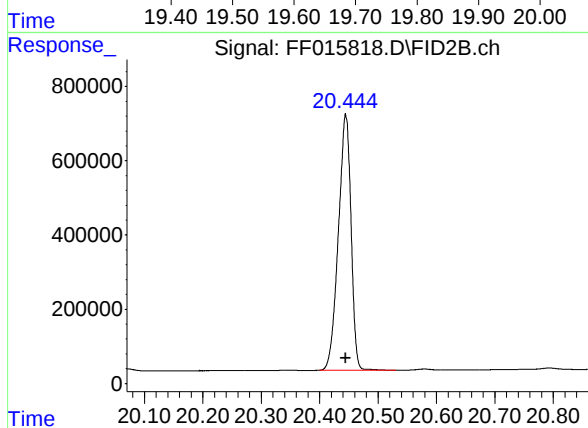
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.000 min
Response: 11072693
Conc: 94.10 ug/ml



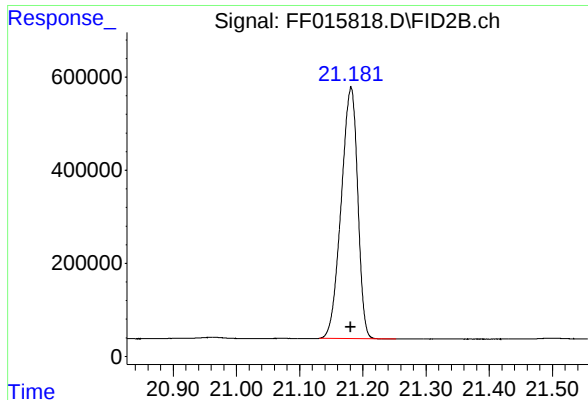
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 10580227
Conc: 95.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 10383124
Conc: 98.04 ug/ml



#21 n-Octatriacontane (C38)

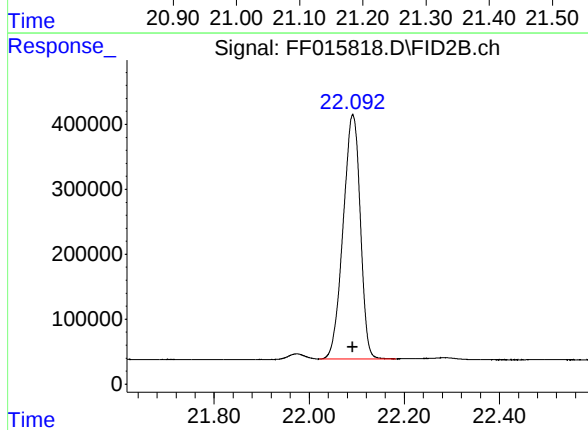
R.T.: 21.181 min
Delta R.T.: 0.000 min
Response: 9806566
Conc: 97.01 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: 0.000 min
Response: 9432849
Conc: 96.67 ug/ml