

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053058.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 00:09
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 31 02:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.899	7739554	47.171 ug/ml
Spiked Amount 50.000		Recovery =	94.34%
12) S 1-chlorooctadecane (S...	13.342	5737088	47.401 ug/ml
Spiked Amount 50.000		Recovery =	94.80%
Target Compounds			
1) T n-Nonane (C9)	3.243	7405859	47.599 ug/ml
2) T n-Decane (C10)	4.504	7507316	47.579 ug/ml
3) T A~Naphthalene (C11.7)	6.215	8098490	47.725 ug/ml
4) T n-Dodecane (C12)	6.684	7477175	47.526 ug/ml
5) T A~2-methylnaphthalene...	7.318	7723061	47.719 ug/ml
6) T n-Tetradecane (C14)	8.520	7290540	47.345 ug/ml
7) T n-Hexadecane (C16)	10.134	7326642	47.108 ug/ml
8) T n-Octadecane (C18)	11.583	7195583	46.987 ug/ml
10) T n-Eicosane (C20)	12.896	6752815	46.919 ug/ml
11) T n-Heneicosane (C21)	13.510	6583211	47.094 ug/ml
13) T n-Docosane (C22)	14.098	6496795	47.117 ug/ml
14) T n-Tetracosane (C24)	15.204	6423393	47.360 ug/ml
15) T n-Hexacosane (C26)	16.228	6336602	47.242 ug/ml
16) T n-Octacosane (C28)	17.179	6247868	47.247 ug/ml
17) T n-Tricontane (C30)	18.068	6397526	47.205 ug/ml
18) T n-Dotriacontane (C32)	18.902	6321218	47.090 ug/ml
19) T n-Tetratriacontane (C34)	19.687	6102318	47.259 ug/ml
20) T n-Hexatriacontane (C36)	20.429	5671223	48.086 ug/ml
21) T n-Octatriacontane (C38)	21.167	5456156	47.406 ug/ml
22) T n-Tetracontane (C40)	22.083	5373975	47.297 ug/ml

(f)=RT Delta > 1/2 Window

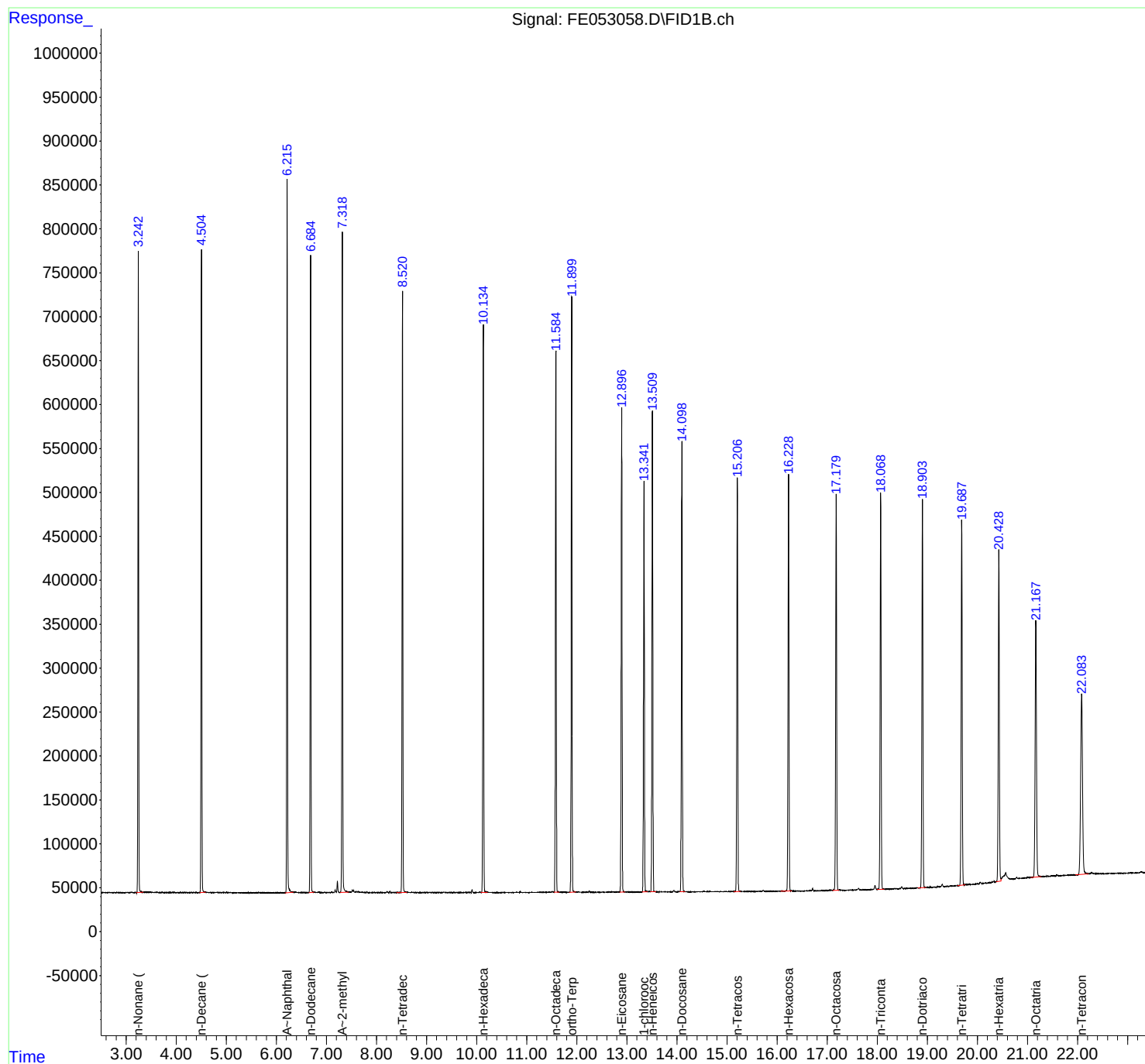
(m)=manual int.

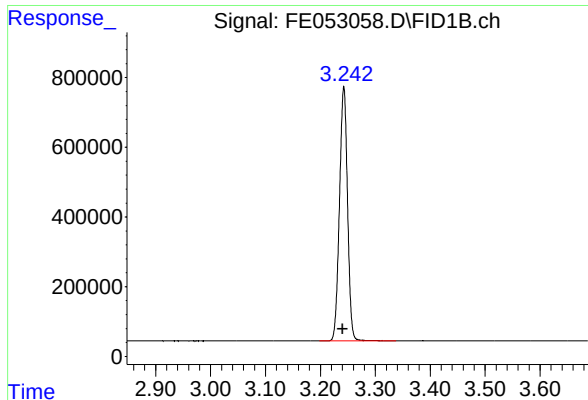
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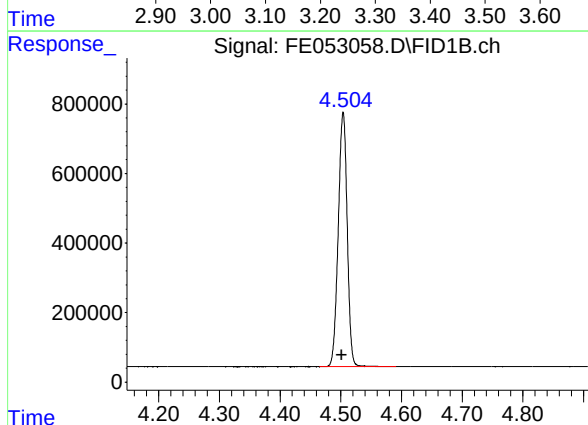




#1 n-Nonane (C9)

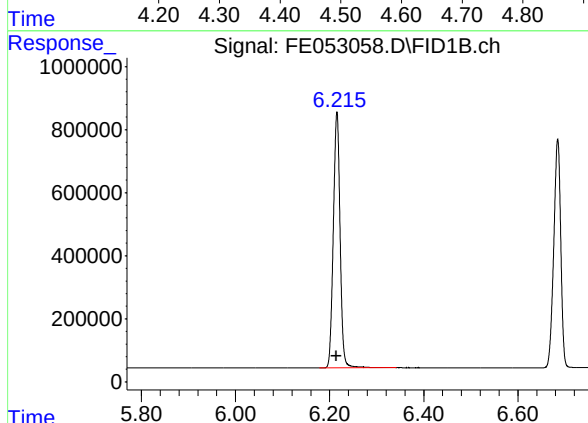
R.T.: 3.243 min
Delta R.T.: 0.002 min
Response: 7405859
Conc: 47.60 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



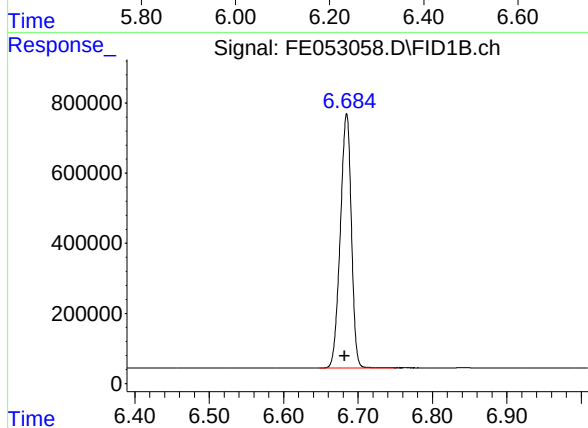
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 7507316
Conc: 47.58 ug/ml



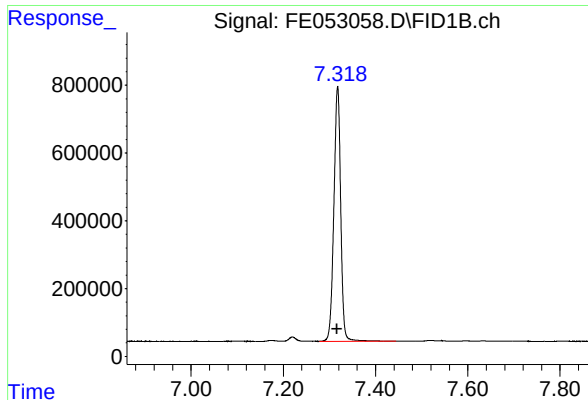
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 8098490
Conc: 47.72 ug/ml



#4 n-Dodecane (C12)

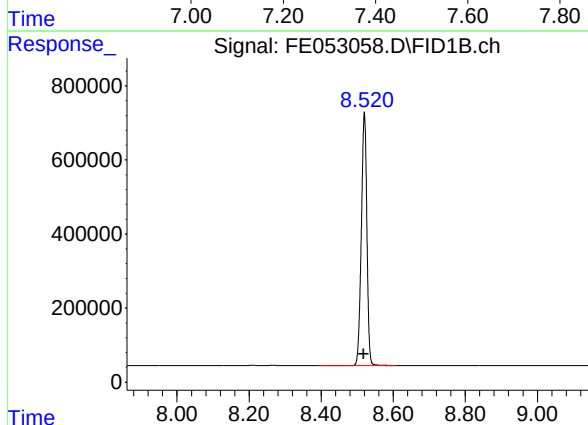
R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 7477175
Conc: 47.53 ug/ml



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

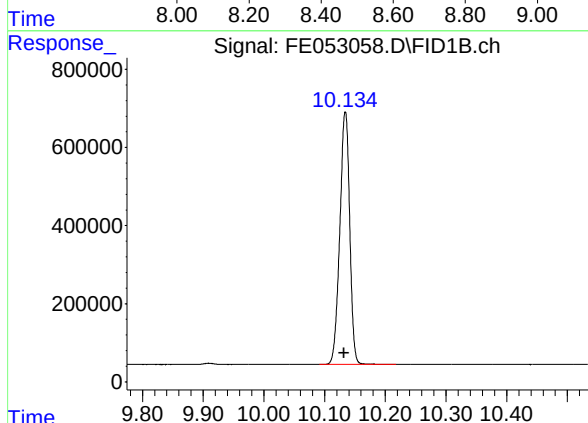
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 7723061
Conc: 47.72 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



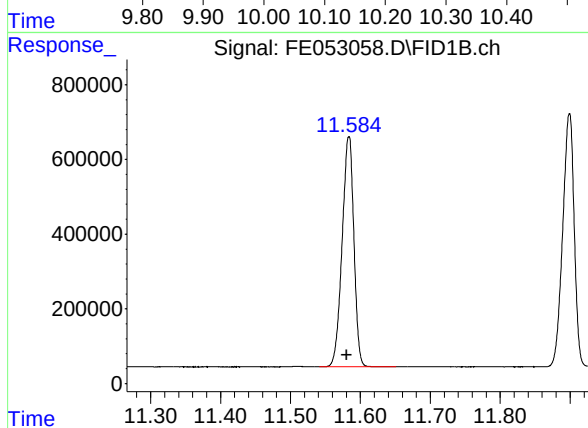
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 7290540
Conc: 47.35 ug/ml



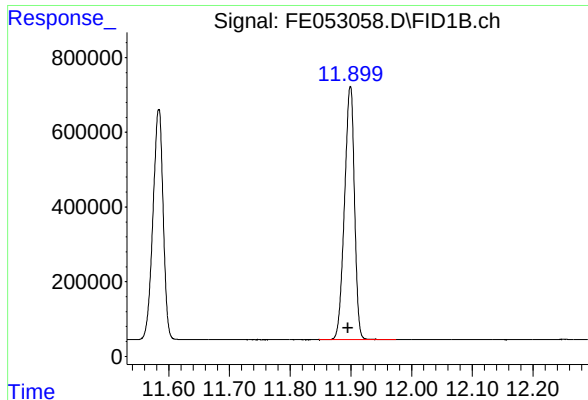
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 7326642
Conc: 47.11 ug/ml



#8 n-Octadecane (C18)

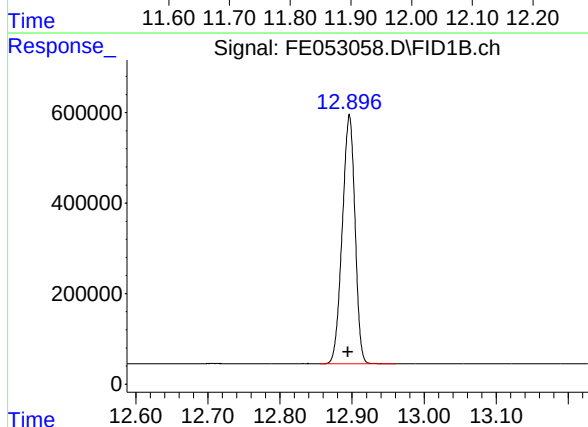
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 7195583
Conc: 46.99 ug/ml



#9 ortho-Terphenyl (SURR)

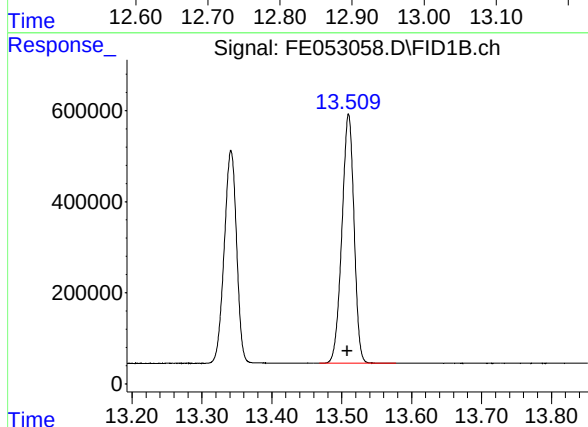
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 7739554
Conc: 47.17 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



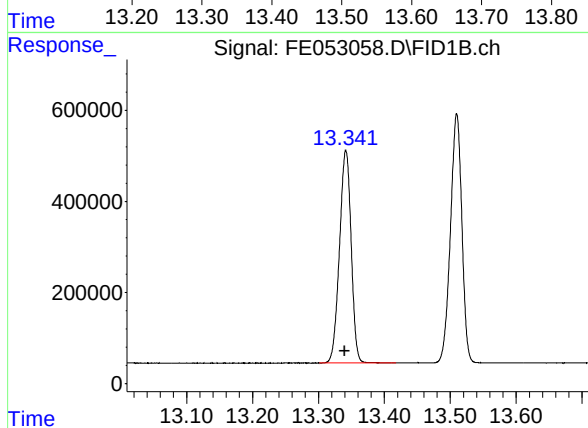
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 6752815
Conc: 46.92 ug/ml



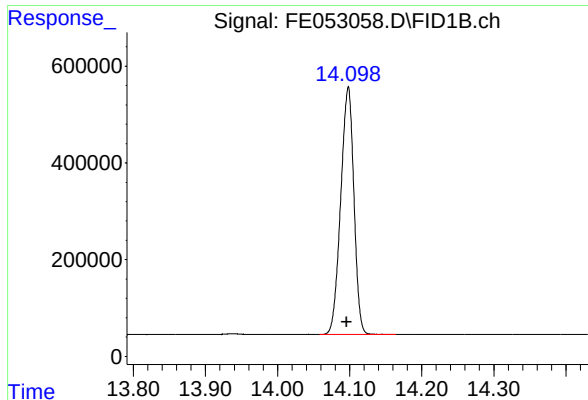
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 6583211
Conc: 47.09 ug/ml



#12 1-chlorooctadecane (SURR)

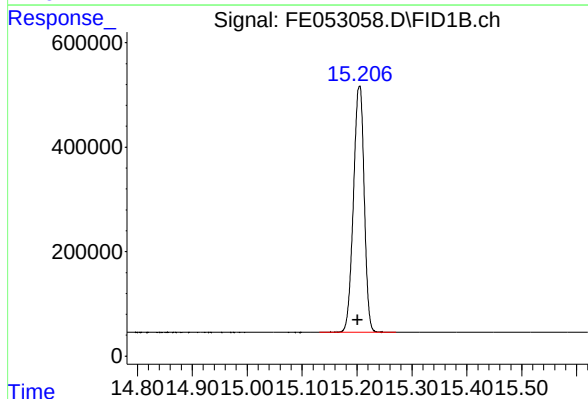
R.T.: 13.342 min
Delta R.T.: 0.002 min
Response: 5737088
Conc: 47.40 ug/ml



#13 n-Docosane (C22)

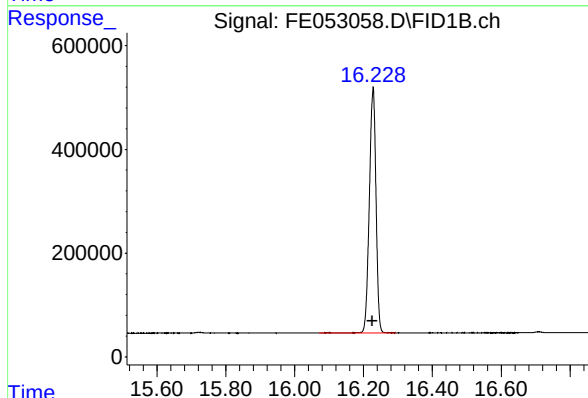
R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 6496795
Conc: 47.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



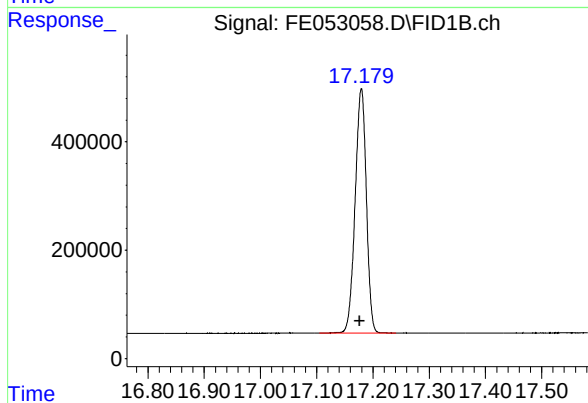
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 6423393
Conc: 47.36 ug/ml



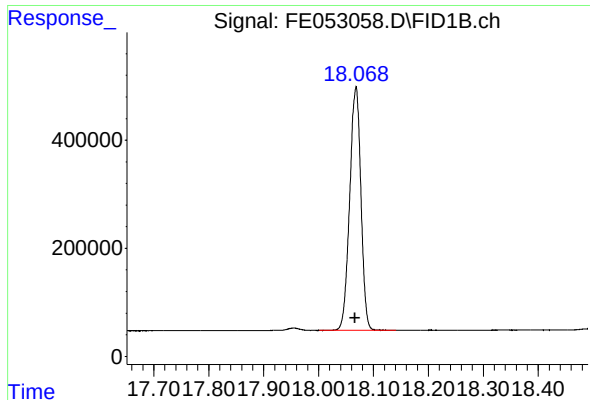
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.002 min
Response: 6336602
Conc: 47.24 ug/ml



#16 n-Octacosane (C28)

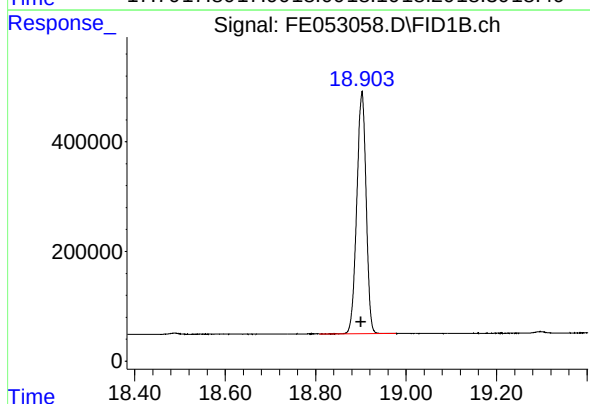
R.T.: 17.179 min
Delta R.T.: 0.003 min
Response: 6247868
Conc: 47.25 ug/ml



#17 n-Tricontane (C30)

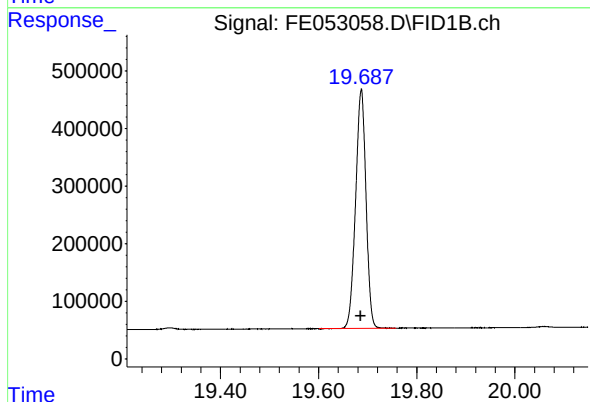
R.T.: 18.068 min
Delta R.T.: 0.001 min
Response: 6397526
Conc: 47.20 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



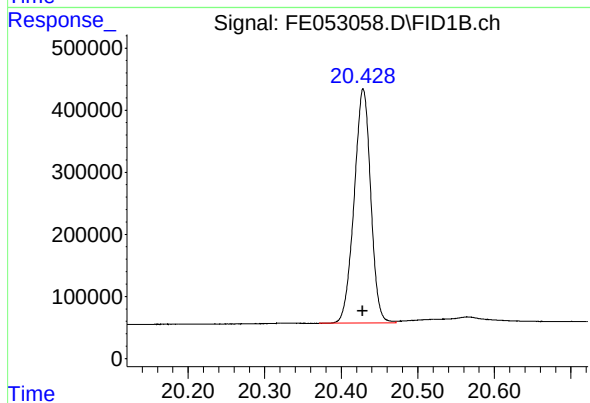
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.002 min
Response: 6321218
Conc: 47.09 ug/ml



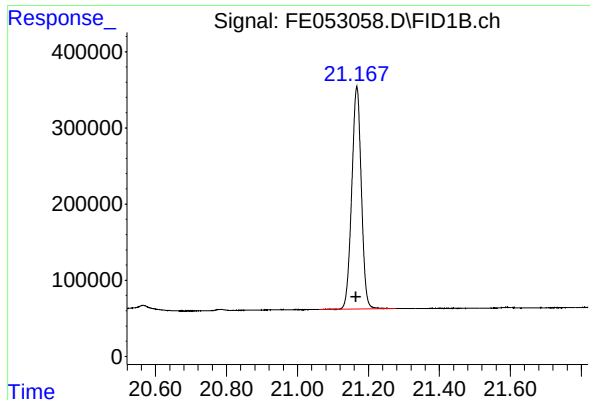
#19 n-Tetatriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 6102318
Conc: 47.26 ug/ml



#20 n-Hexatriacontane (C36)

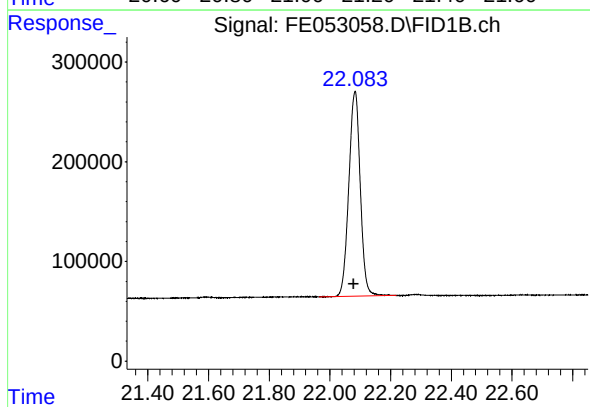
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 5671223
Conc: 48.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.002 min
Response: 5456156
Conc: 47.41 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: 0.004 min
Response: 5373975
Conc: 47.30 ug/ml