

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044043.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 23:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 31 03:33:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:33:38 2023
 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	8763172	48.242 ug/ml
Spiked Amount 50.000		Recovery =	96.48%
12) S 1-chlorooctadecane (S...	13.378	6447621	48.294 ug/ml
Spiked Amount 50.000		Recovery =	96.59%
Target Compounds			
1) T n-Nonane (C9)	3.324	7555132	48.556 ug/ml
2) T n-Decane (C10)	4.576	7730632	48.539 ug/ml
3) T A~Naphthalene (C11.7)	6.278	8385029	48.718 ug/ml
4) T n-Dodecane (C12)	6.741	7826228	48.526 ug/ml
5) T A~2-methylnaphthalene...	7.374	8039305	48.588 ug/ml
6) T n-Tetradecane (C14)	8.569	7794750	48.533 ug/ml
7) T n-Hexadecane (C16)	10.178	8007388	48.361 ug/ml
8) T n-Octadecane (C18)	11.624	8043713	48.328 ug/ml
10) T n-Eicosane (C20)	12.933	7643013	48.265 ug/ml
11) T n-Heneicosane (C21)	13.546	7473818	48.230 ug/ml
13) T n-Docosane (C22)	14.132	7387564	48.234 ug/ml
14) T n-Tetracosane (C24)	15.237	7230423	48.191 ug/ml
15) T n-Hexacosane (C26)	16.259	6979817	48.207 ug/ml
16) T n-Octacosane (C28)	17.209	6681836	48.172 ug/ml
17) T n-Tricontane (C30)	18.098	6643215	48.066 ug/ml
18) T n-Dotriacontane (C32)	18.932	6467229	48.032 ug/ml
19) T n-Tetratriacontane (C34)	19.718	6381958	48.175 ug/ml
20) T n-Hexatriacontane (C36)	20.459	6311832	48.339 ug/ml
21) T n-Octatriacontane (C38)	21.204	6425948	48.367 ug/ml
22) T n-Tetracontane (C40)	22.128	6459727	48.711 ug/ml

(f)=RT Delta > 1/2 Window

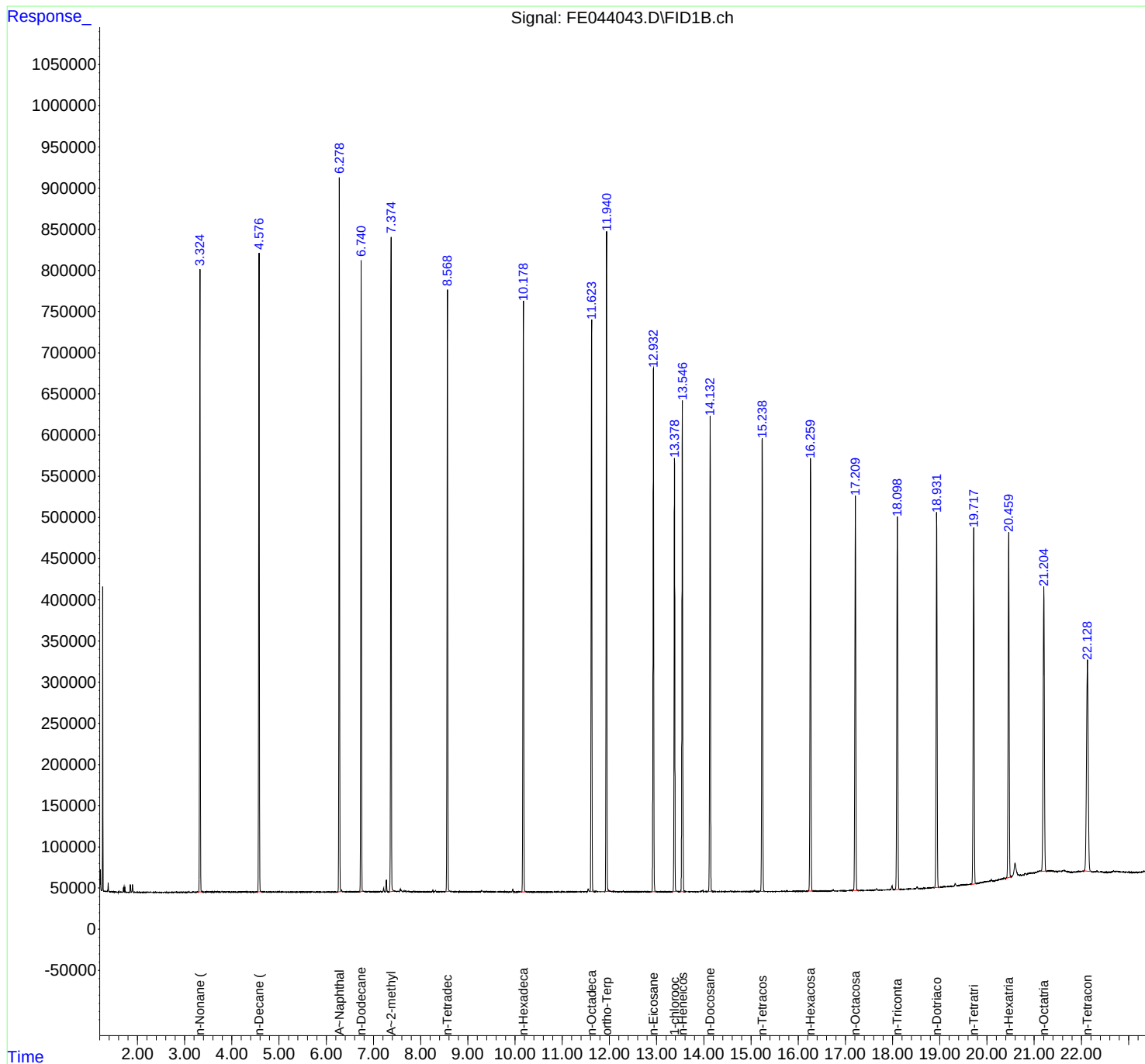
(m)=manual int.

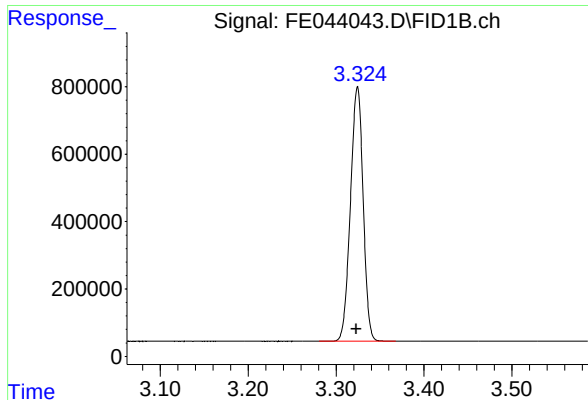
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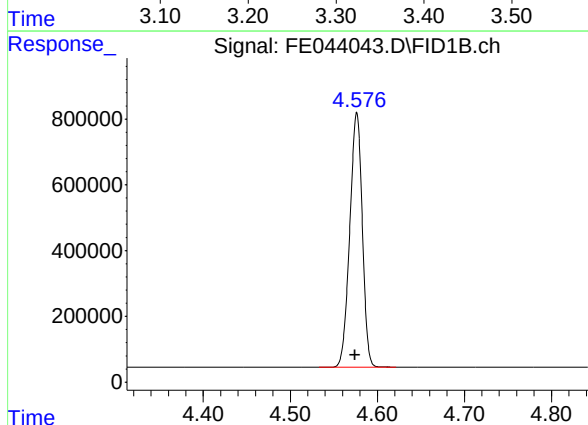




#1 n-Nonane (C9)

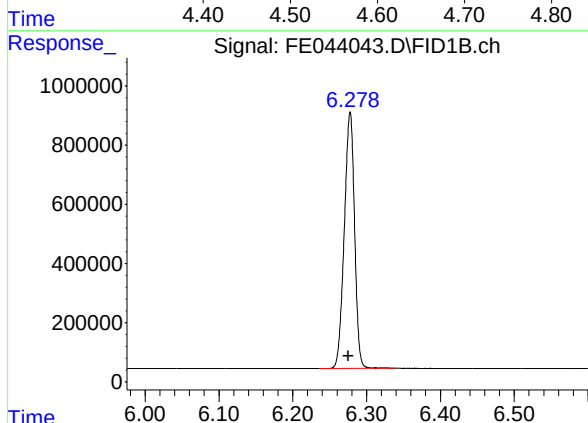
R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 7555132
Conc: 48.56 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



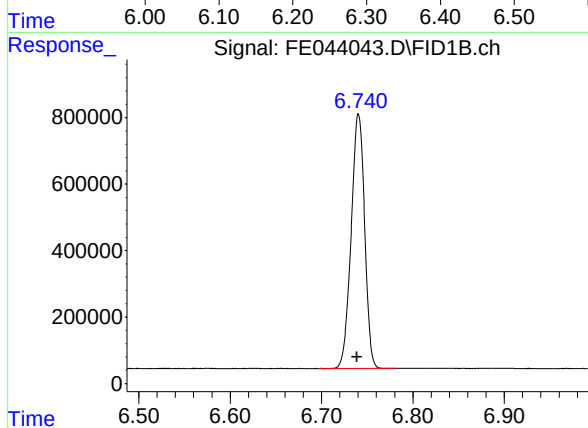
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 7730632
Conc: 48.54 ug/ml



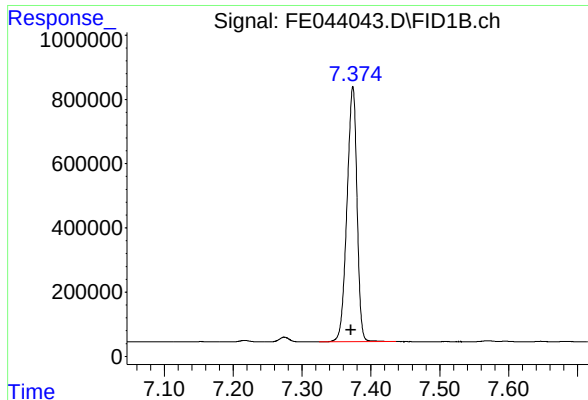
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 8385029
Conc: 48.72 ug/ml



#4 n-Dodecane (C12)

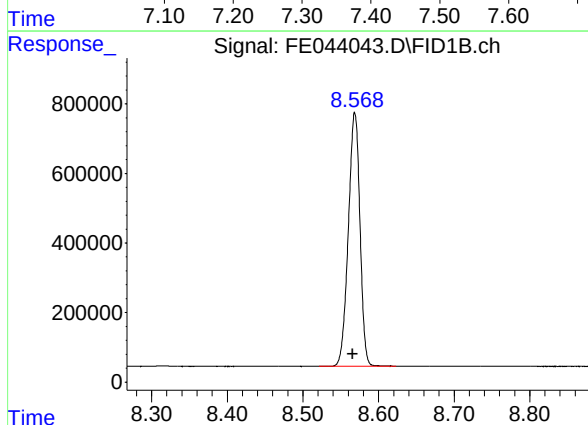
R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 7826228
Conc: 48.53 ug/ml



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

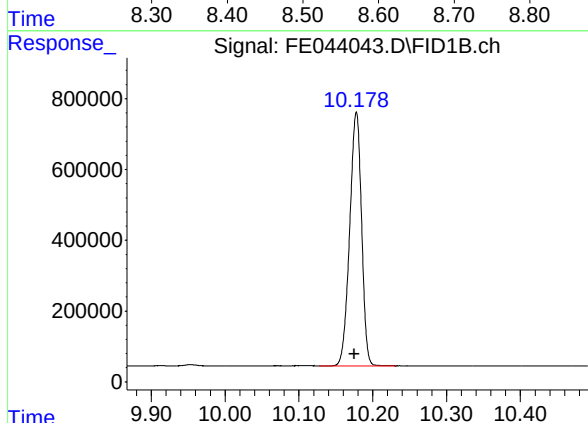
R.T.: 7.374 min
Delta R.T.: 0.003 min
Response: 8039305
Conc: 48.59 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



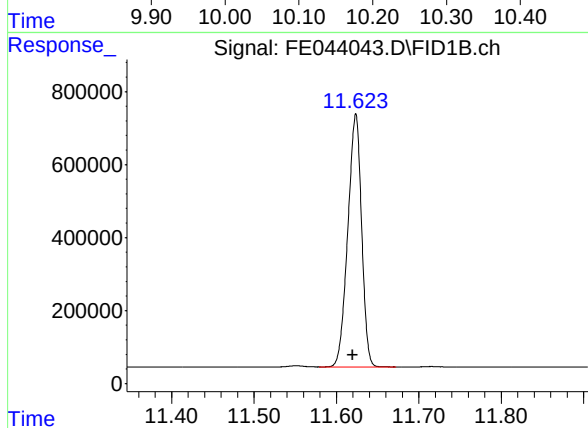
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 7794750
Conc: 48.53 ug/ml



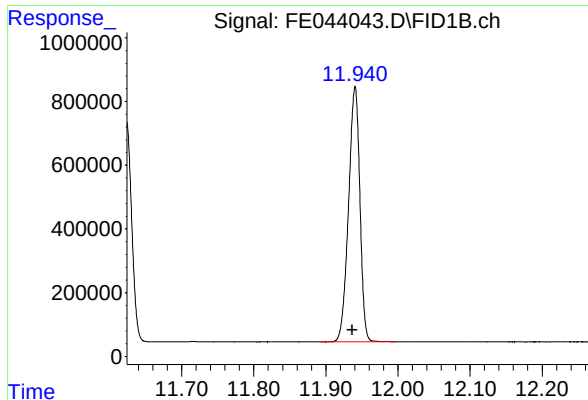
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 8007388
Conc: 48.36 ug/ml



#8 n-Octadecane (C18)

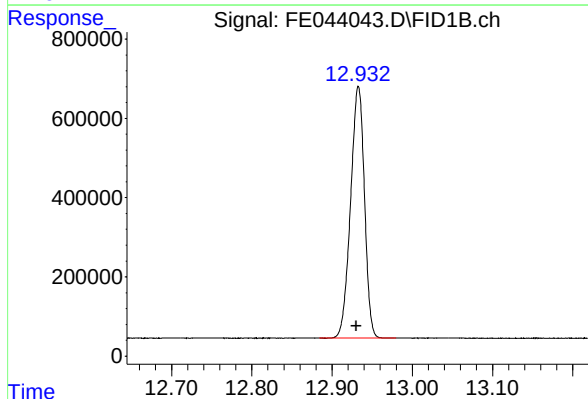
R.T.: 11.624 min
Delta R.T.: 0.004 min
Response: 8043713
Conc: 48.33 ug/ml



#9 ortho-Terphenyl (SURR)

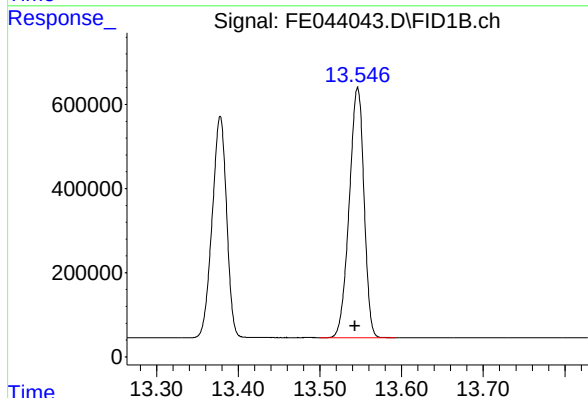
R.T.: 11.941 min
Delta R.T.: 0.004 min
Response: 8763172
Conc: 48.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



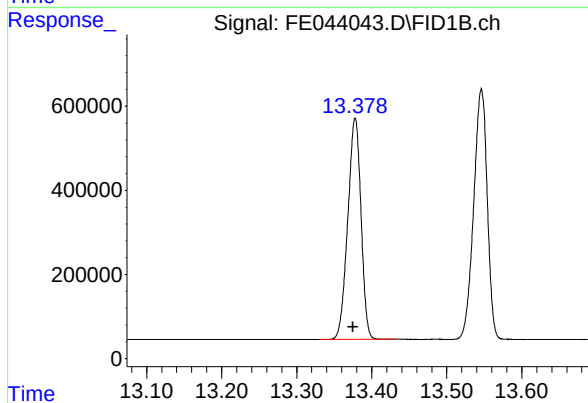
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: 0.003 min
Response: 7643013
Conc: 48.27 ug/ml



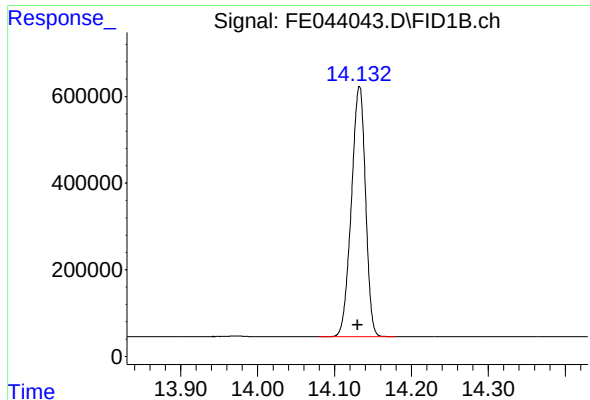
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.004 min
Response: 7473818
Conc: 48.23 ug/ml



#12 1-chlorooctadecane (SURR)

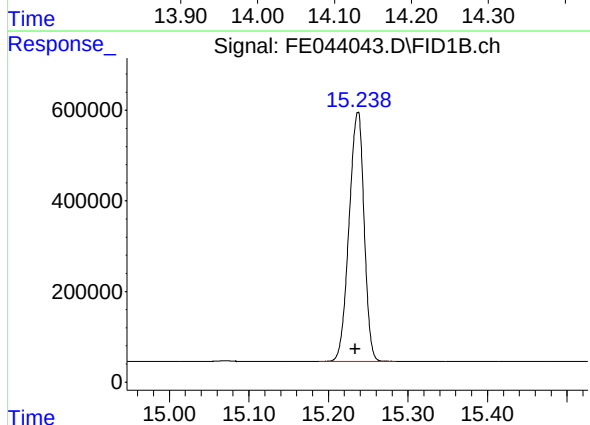
R.T.: 13.378 min
Delta R.T.: 0.003 min
Response: 6447621
Conc: 48.29 ug/ml



#13 n-Docosane (C22)

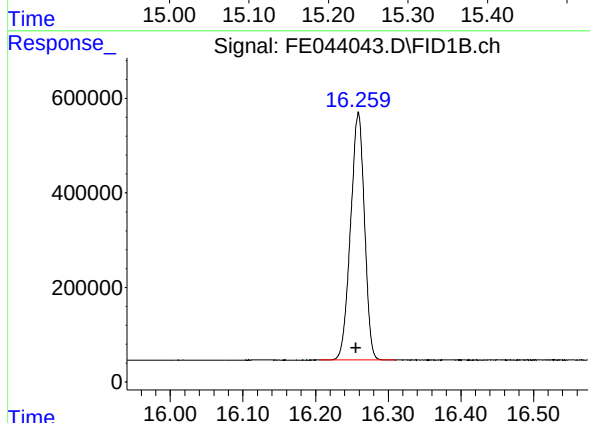
R.T.: 14.132 min
Delta R.T.: 0.002 min
Response: 7387564
Conc: 48.23 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



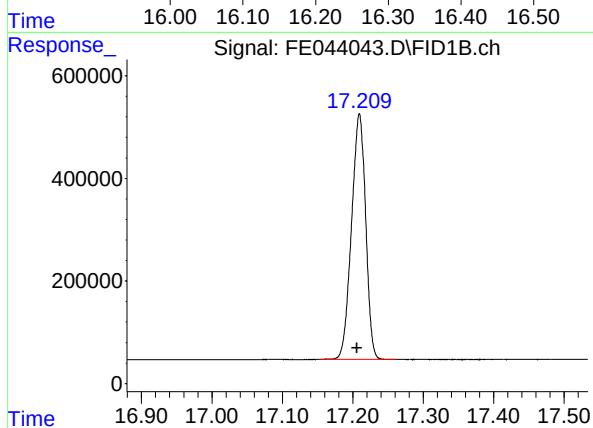
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.003 min
Response: 7230423
Conc: 48.19 ug/ml



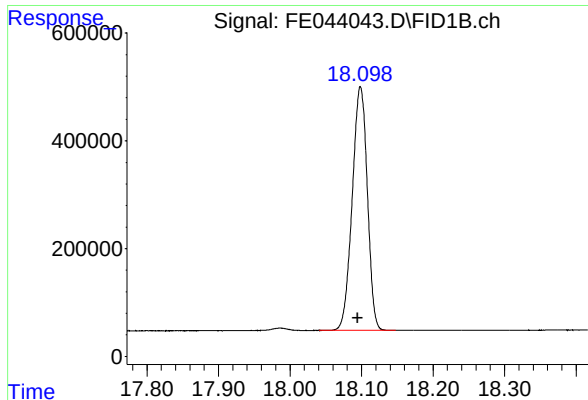
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.003 min
Response: 6979817
Conc: 48.21 ug/ml



#16 n-Octacosane (C28)

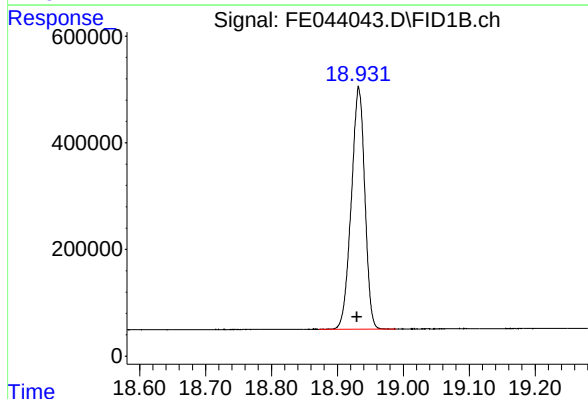
R.T.: 17.209 min
Delta R.T.: 0.003 min
Response: 6681836
Conc: 48.17 ug/ml



#17 n-Tricontane (C30)

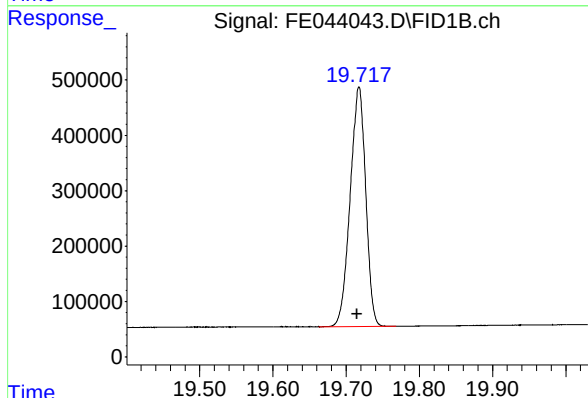
R.T.: 18.098 min
Delta R.T.: 0.004 min
Response: 6643215
Conc: 48.07 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



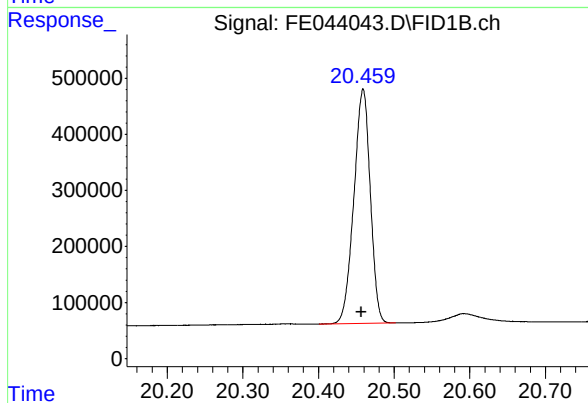
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.003 min
Response: 6467229
Conc: 48.03 ug/ml



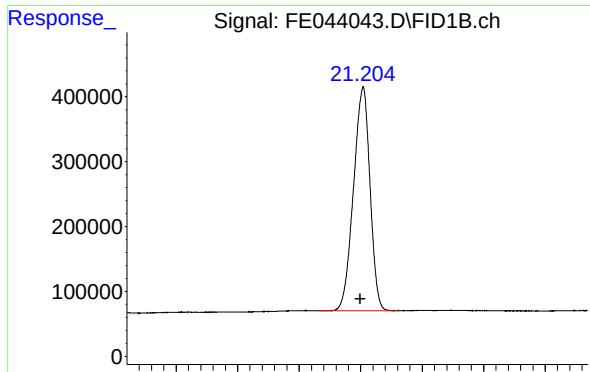
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.003 min
Response: 6381958
Conc: 48.17 ug/ml



#20 n-Hexatriacontane (C36)

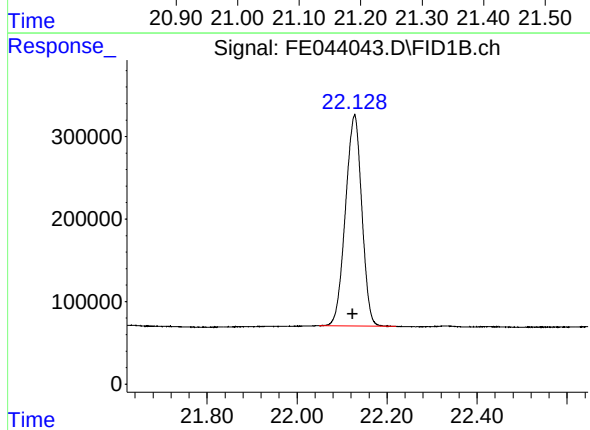
R.T.: 20.459 min
Delta R.T.: 0.002 min
Response: 6311832
Conc: 48.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.004 min
Response: 6425948
Conc: 48.37 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.004 min
Response: 6459727
Conc: 48.71 ug/ml