

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081524AL\
 Data File : FE049615.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2024 12:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 16 01:37:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.887	2977553	18.413 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.322	2270488	18.610 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.277	2731129	17.648 ug/ml
2) T n-Decane (C10)	4.527	2875137	18.210 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2911304	18.144 ug/ml
4) T n-Dodecane (C12)	6.694	2888463	18.373 ug/ml
5) T A~2-methylnaphthalene...	7.329	2754791	18.395 ug/ml
6) T n-Tetradecane (C14)	8.521	2819337	18.262 ug/ml
7) T n-Hexadecane (C16)	10.127	2858447	18.302 ug/ml
8) T n-Octadecane (C18)	11.569	2883267	18.359 ug/ml
10) T n-Eicosane (C20)	12.877	2751271	18.427 ug/ml
11) T n-Heneicosane (C21)	13.488	2704317	18.435 ug/ml
13) T n-Docosane (C22)	14.073	2689410	18.452 ug/ml
14) T n-Tetracosane (C24)	15.175	2690168	18.493 ug/ml
15) T n-Hexacosane (C26)	16.195	2659719	18.429 ug/ml
16) T n-Octacosane (C28)	17.144	2717679	18.868 ug/ml
17) T n-Tricontane (C30)	18.031	2904333	19.401 ug/ml
18) T n-Dotriacontane (C32)	18.861	2988724	19.756 ug/ml
19) T n-Tetratriacontane (C34)	19.645	2973523	19.450 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2908199	19.151 ug/ml
21) T n-Octatriacontane (C38)	21.112	2886455	18.391 ug/ml
22) T n-Tetracontane (C40)	22.006	2797082	18.320 ug/ml

(f)=RT Delta > 1/2 Window

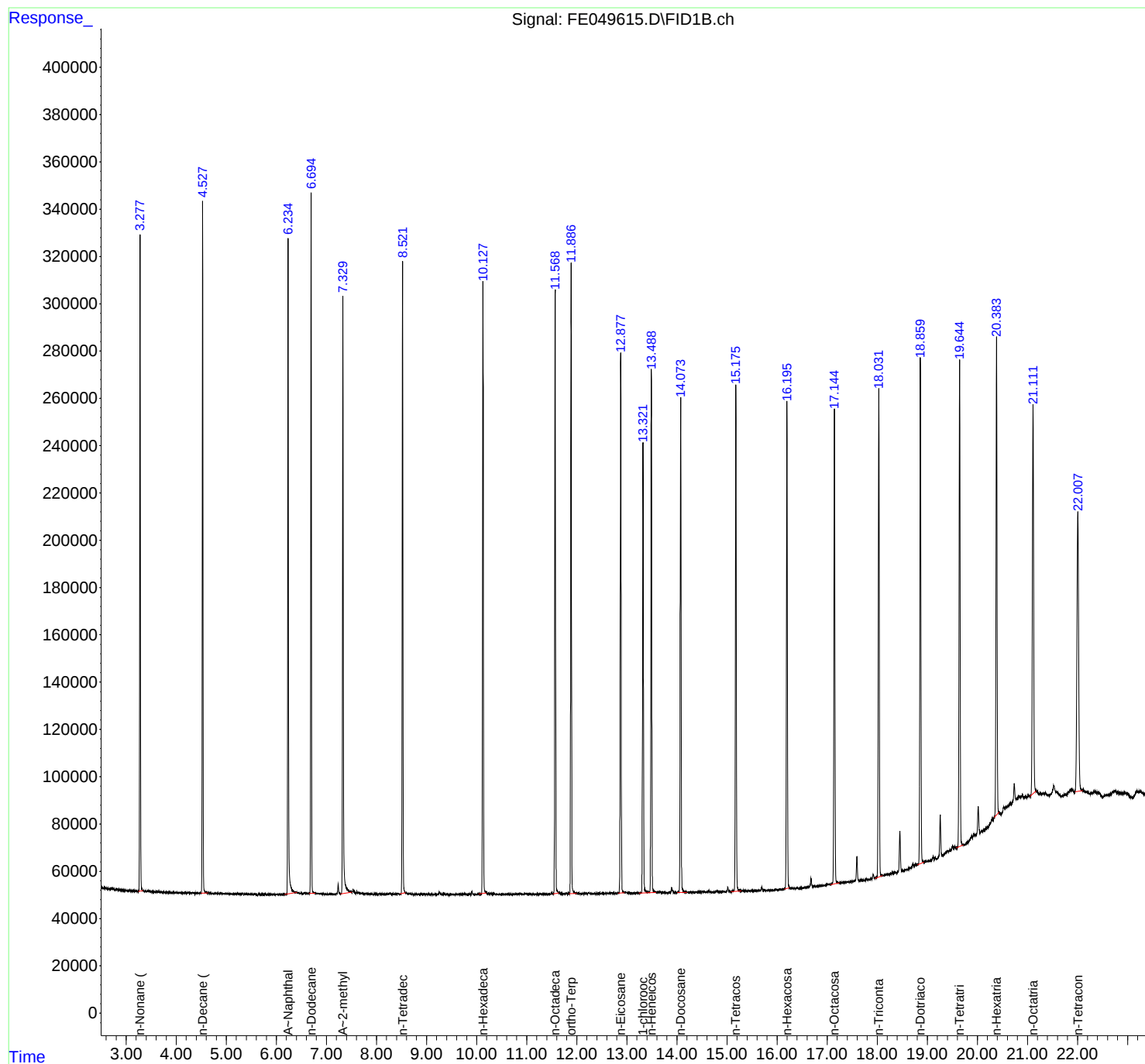
(m)=manual int.

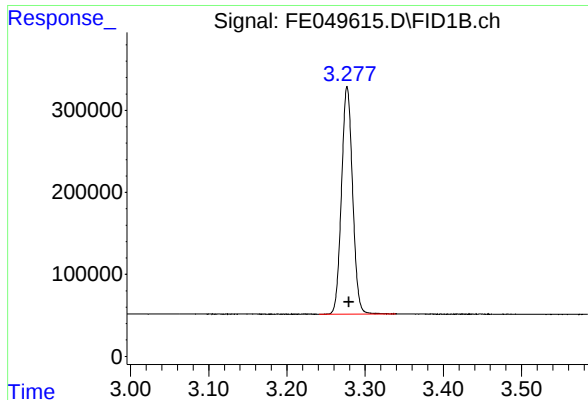
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081524AL\
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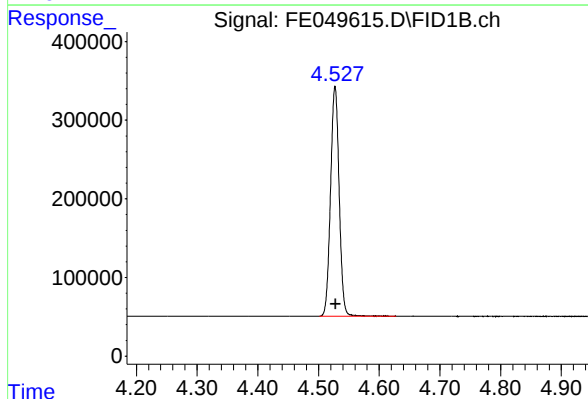




#1 n-Nonane (C9)

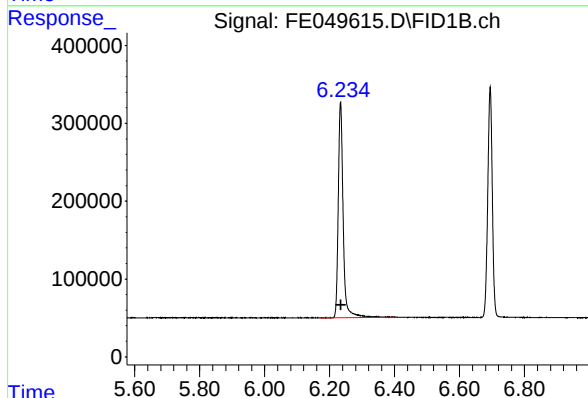
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 2731129
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



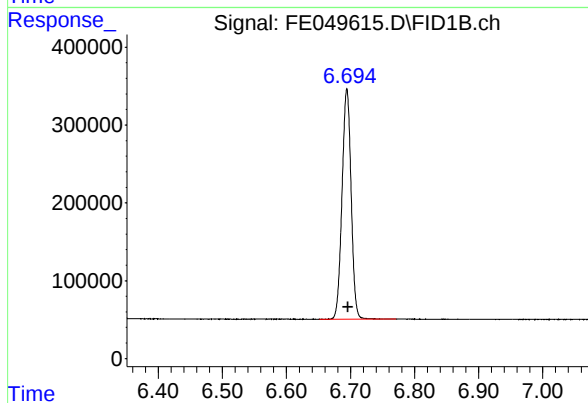
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 2875137
Conc: 18.21 ug/ml



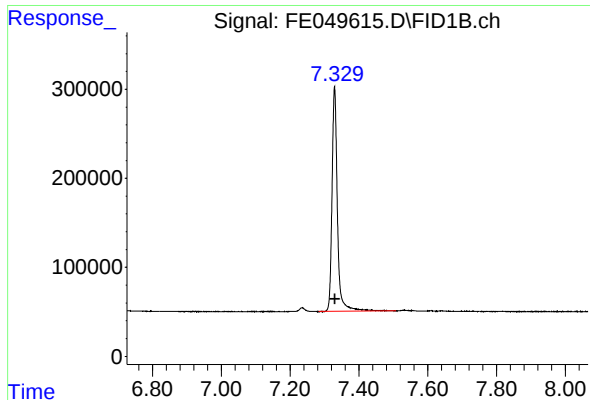
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.001 min
Response: 2911304
Conc: 18.14 ug/ml



#4 n-Dodecane (C12)

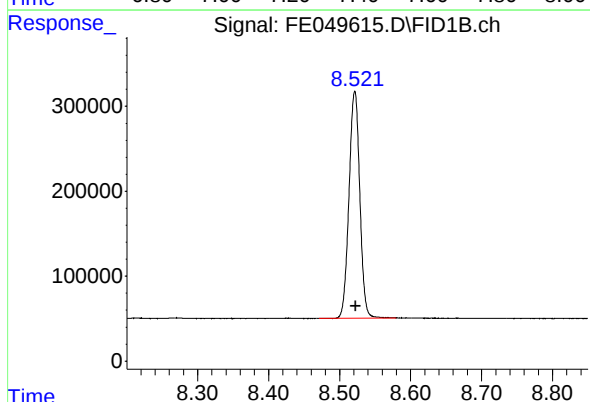
R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 2888463
Conc: 18.37 ug/ml



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

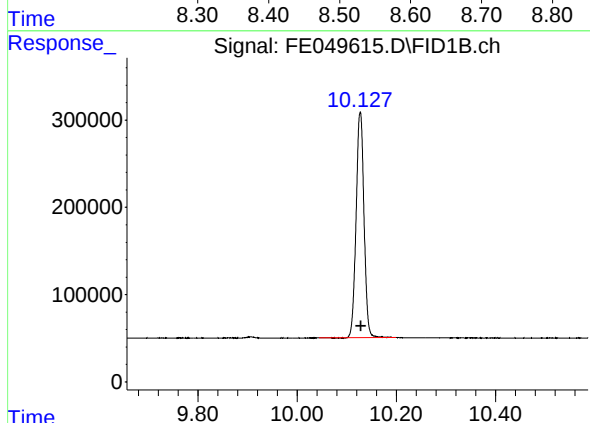
R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 2754791
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



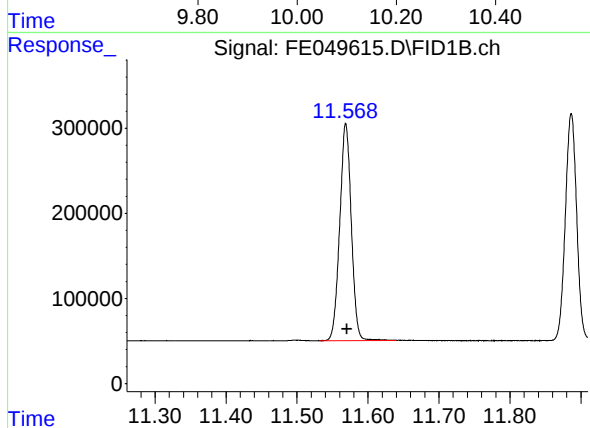
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.001 min
Response: 2819337
Conc: 18.26 ug/ml



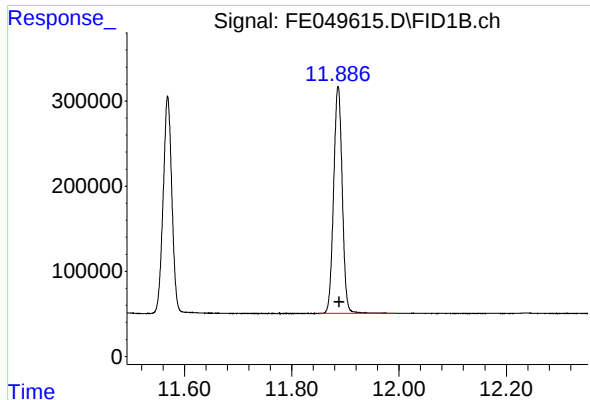
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.001 min
Response: 2858447
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

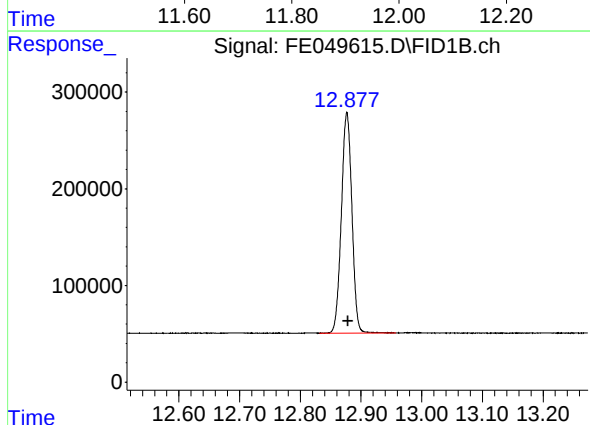
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 2883267
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

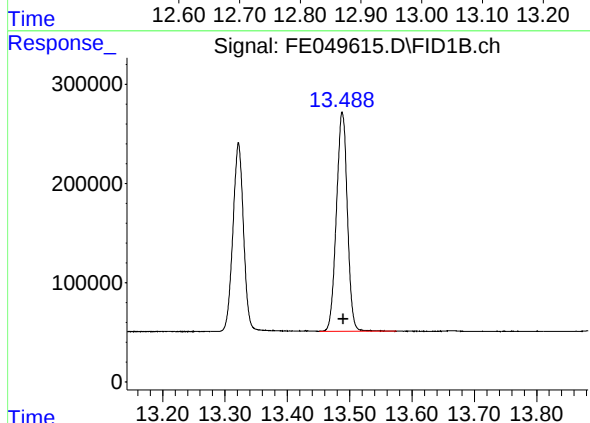
R.T.: 11.887 min
Delta R.T.: -0.002 min
Response: 2977553
Conc: 18.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



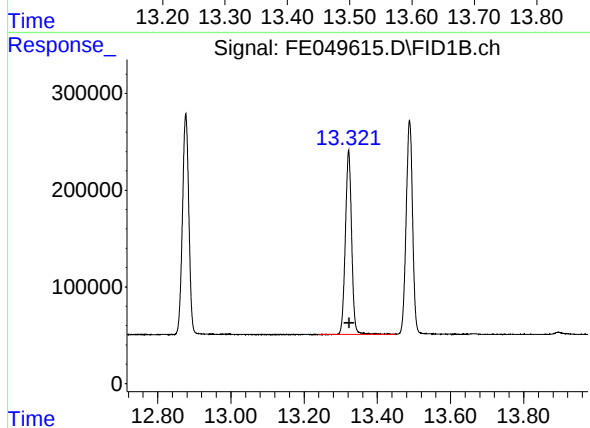
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 2751271
Conc: 18.43 ug/ml



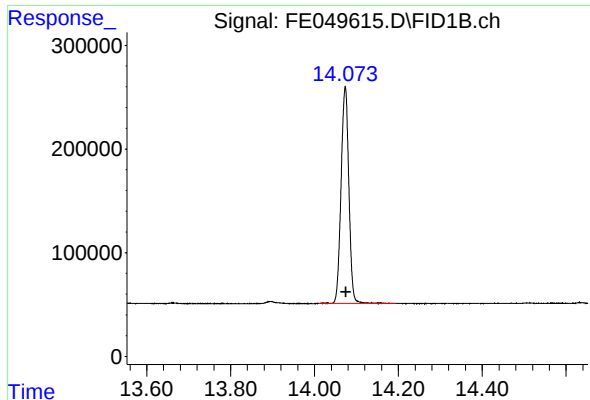
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 2704317
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

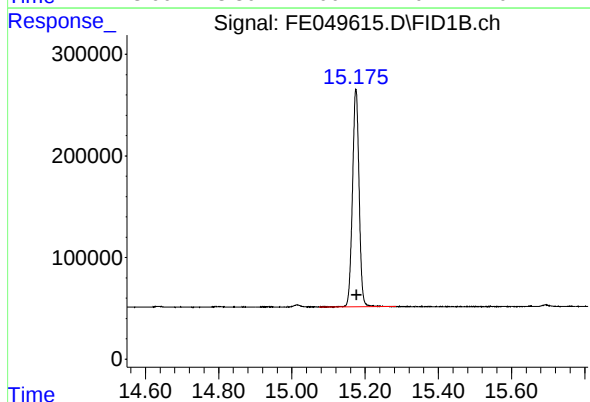
R.T.: 13.322 min
Delta R.T.: -0.002 min
Response: 2270488
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

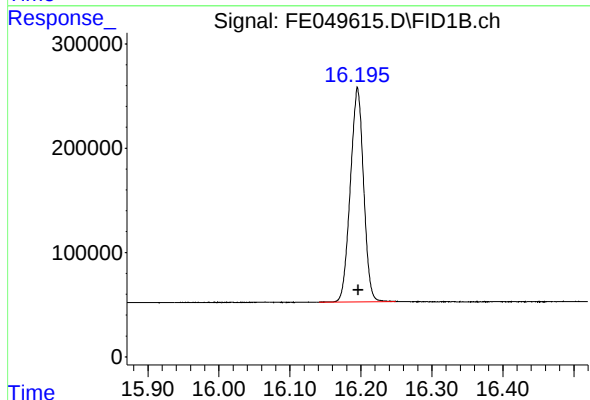
R.T.: 14.073 min
Delta R.T.: -0.002 min
Response: 2689410
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



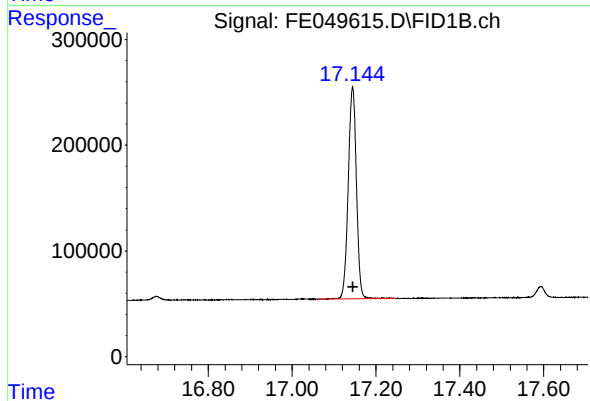
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.002 min
Response: 2690168
Conc: 18.49 ug/ml



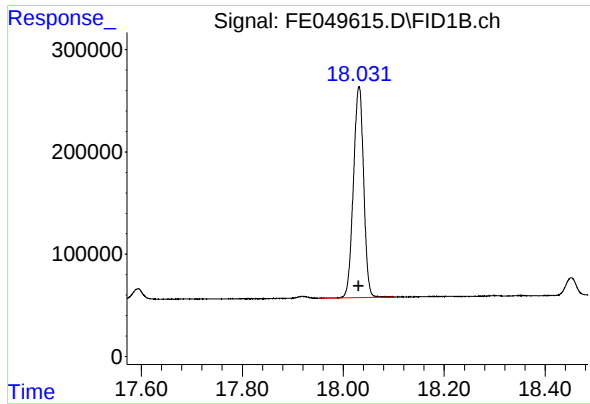
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.001 min
Response: 2659719
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

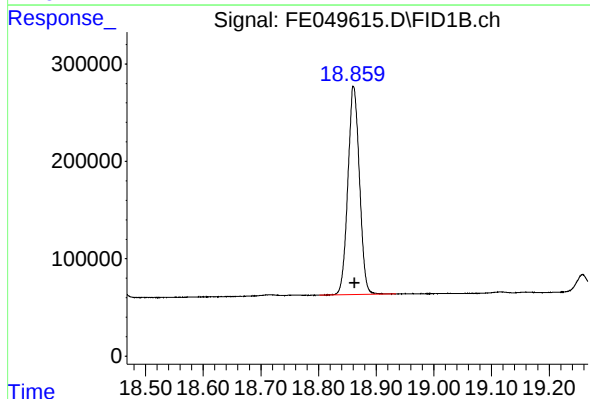
R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 2717679
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

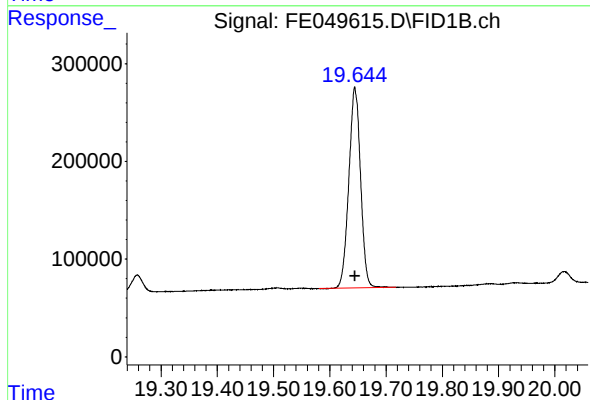
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 2904333
Conc: 19.40 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



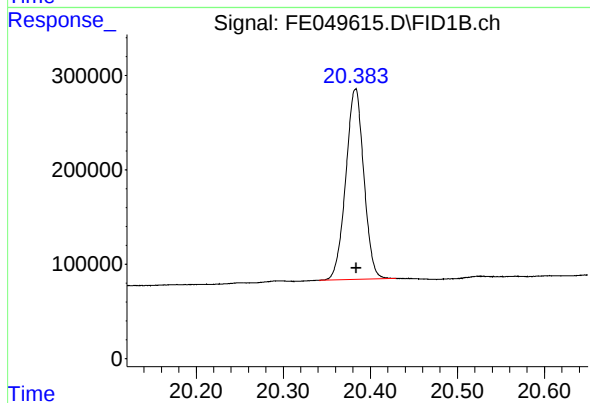
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.001 min
Response: 2988724
Conc: 19.76 ug/ml



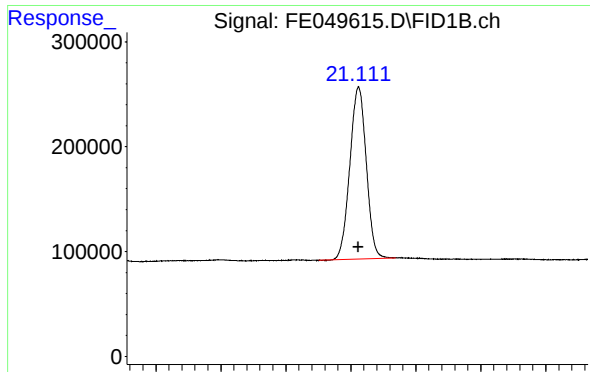
#19 n-Tetatriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 2973523
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

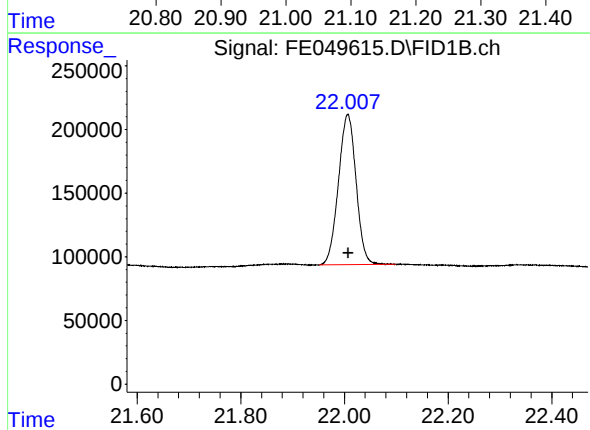
R.T.: 20.383 min
Delta R.T.: -0.001 min
Response: 2908199
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2886455
Conc: 18.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.000 min
Response: 2797082
Conc: 18.32 ug/ml