

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054532.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 21:54
 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: Jun 20 23:26:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.820	2771634	16.774 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	13.264	2067711	16.956 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
Target Compounds			
1) T n-Nonane (C9)	3.170	1997306	16.084 ug/ml
2) T n-Decane (C10)	4.433	2046443	16.470 ug/ml
3) T A~Naphthalene (C11.7)	6.149	2222994	16.449 ug/ml
4) T n-Dodecane (C12)	6.614	2107871	16.554 ug/ml
5) T A~2-methylnaphthalene...	7.251	2201355	16.620 ug/ml
6) T n-Tetradecane (C14)	8.449	2132443	16.471 ug/ml
7) T n-Hexadecane (C16)	10.060	2197912	16.546 ug/ml
8) T n-Octadecane (C18)	11.507	2252532	16.681 ug/ml
10) T n-Eicosane (C20)	12.819	2248426	16.807 ug/ml
11) T n-Heneicosane (C21)	13.432	2240020	16.846 ug/ml
13) T n-Docosane (C22)	14.019	2233900	17.037 ug/ml
14) T n-Tetracosane (C24)	15.124	2232787	17.309 ug/ml
15) T n-Hexacosane (C26)	16.147	2194641	17.483 ug/ml
16) T n-Octacosane (C28)	17.099	2194229	17.893 ug/ml
17) T n-Tricontane (C30)	17.988	2380833	19.209 ug/ml
18) T n-Dotriacontane (C32)	18.821	2531030	20.144 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2302886	18.511 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2320151	18.023 ug/ml
21) T n-Octatriacontane (C38)	21.072	2273476	17.218 ug/ml
22) T n-Tetracontane (C40)	21.960	2064100	15.323 ug/ml

(f)=RT Delta > 1/2 Window

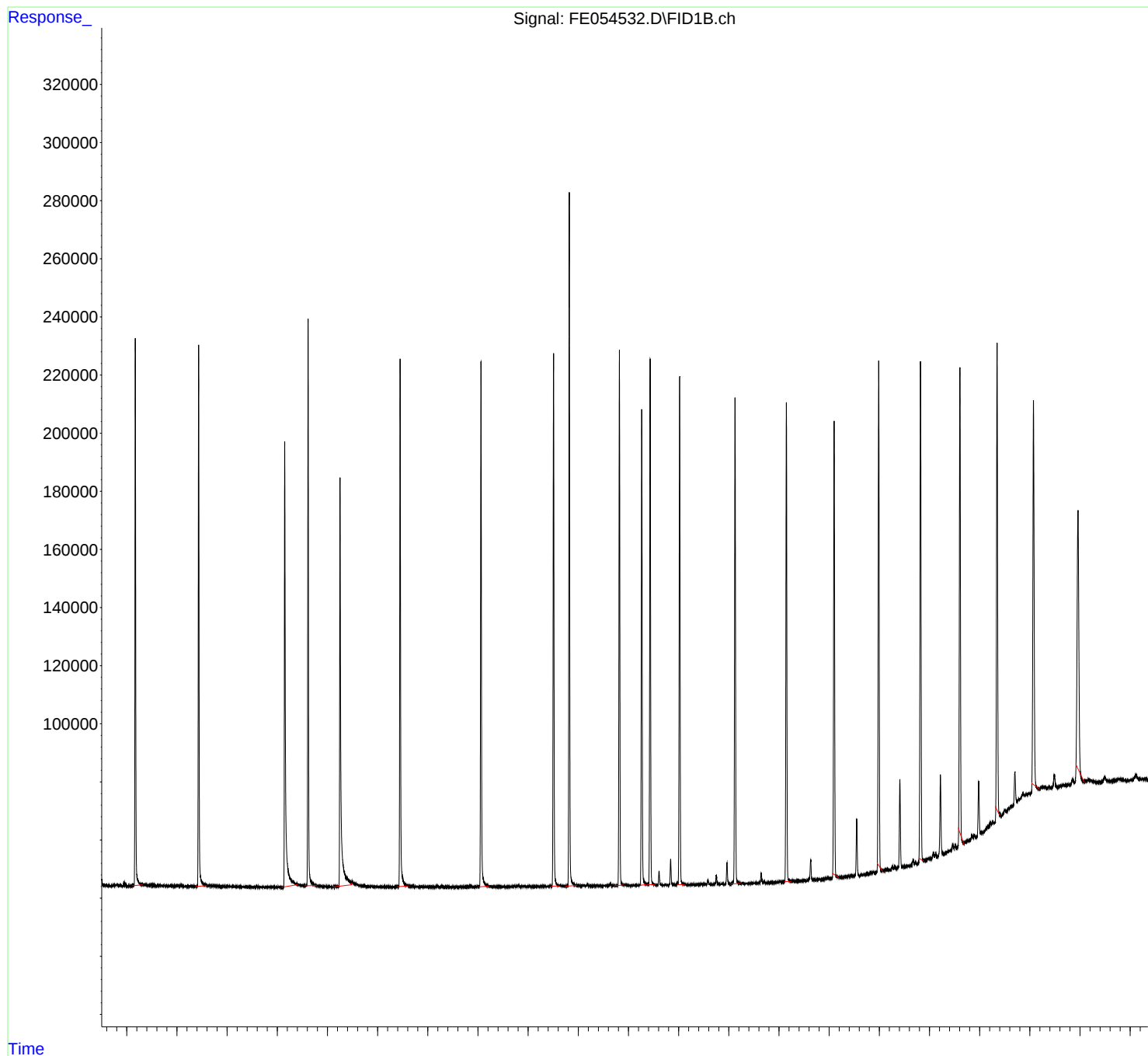
(m)=manual int.

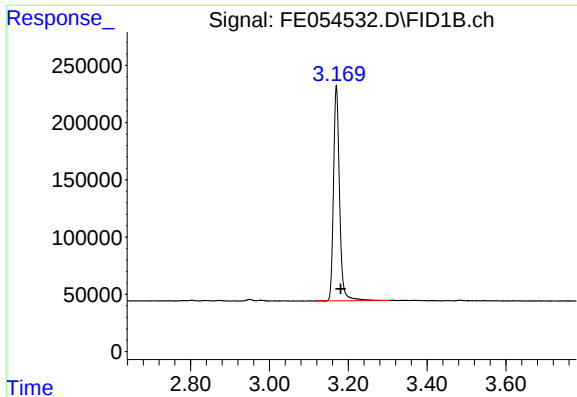
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
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Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

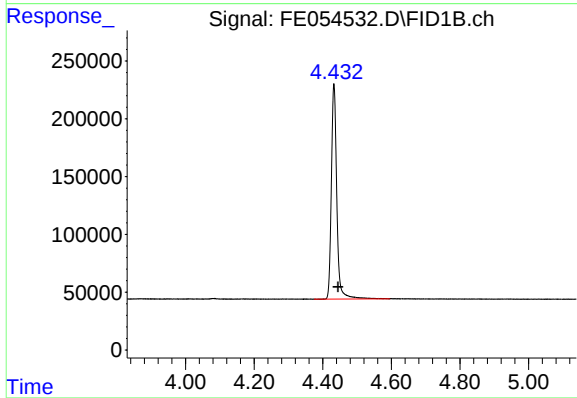




#1 n-Nonane (C9)

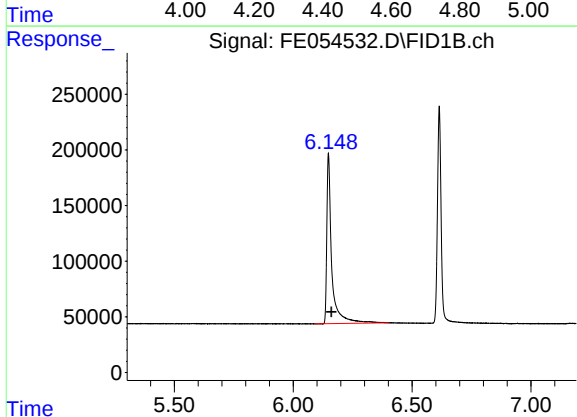
R.T.: 3.170 min
Delta R.T.: -0.011 min
Response: 1997306
Conc: 16.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



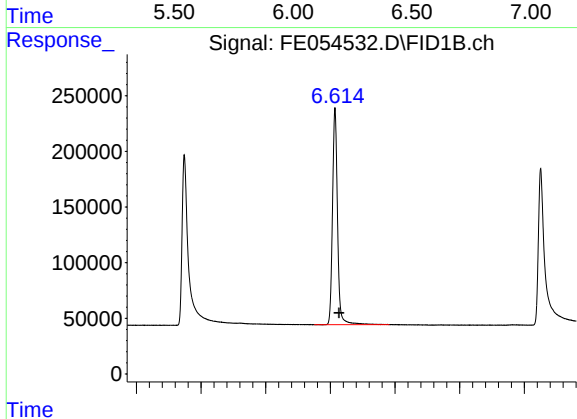
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.012 min
Response: 2046443
Conc: 16.47 ug/ml



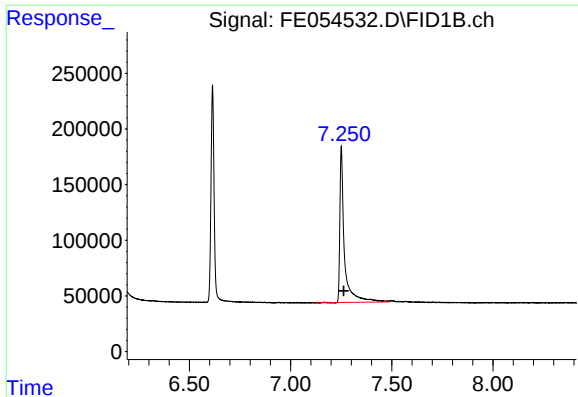
#3 A~Naphthalene (C11.7)

R.T.: 6.149 min
Delta R.T.: -0.012 min
Response: 2222994
Conc: 16.45 ug/ml



#4 n-Dodecane (C12)

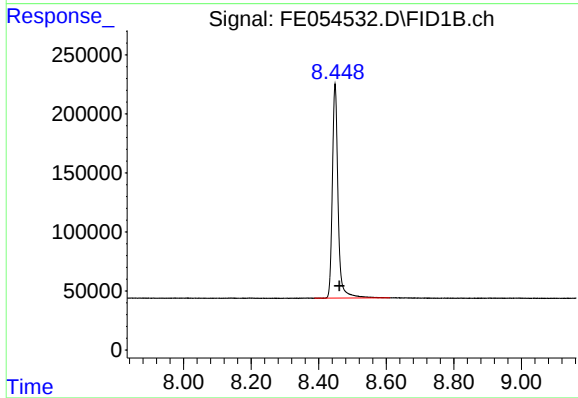
R.T.: 6.614 min
Delta R.T.: -0.012 min
Response: 2107871
Conc: 16.55 ug/ml



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

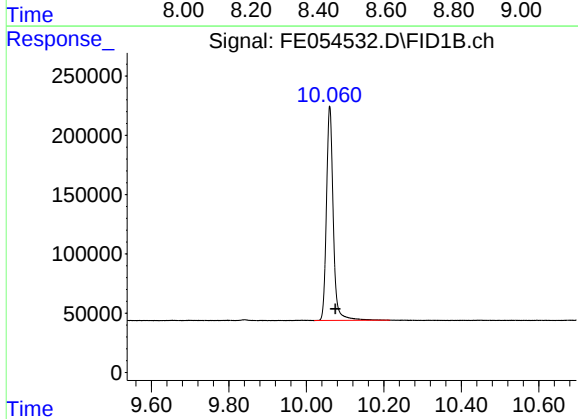
R.T.: 7.251 min
Delta R.T.: -0.012 min
Response: 2201355
Conc: 16.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



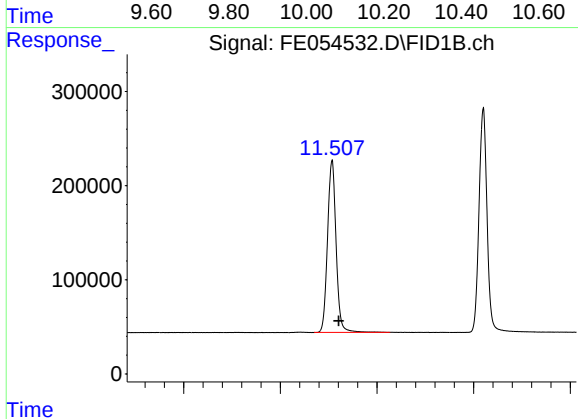
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: -0.013 min
Response: 2132443
Conc: 16.47 ug/ml



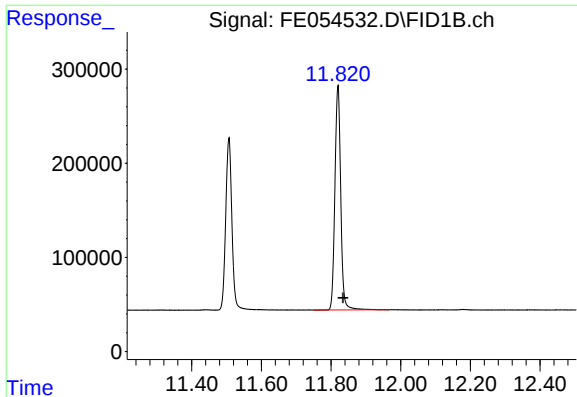
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.014 min
Response: 2197912
Conc: 16.55 ug/ml



#8 n-Octadecane (C18)

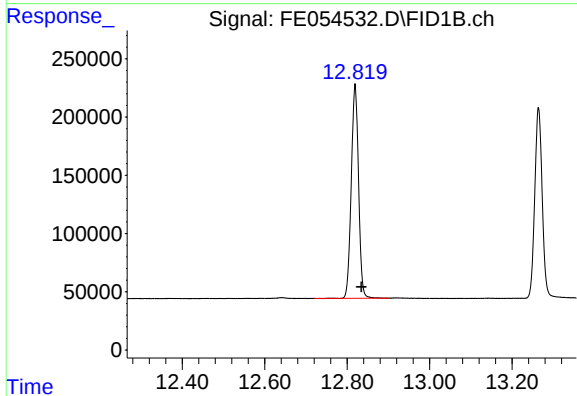
R.T.: 11.507 min
Delta R.T.: -0.014 min
Response: 2252532
Conc: 16.68 ug/ml



#9 ortho-Terphenyl (SURR)

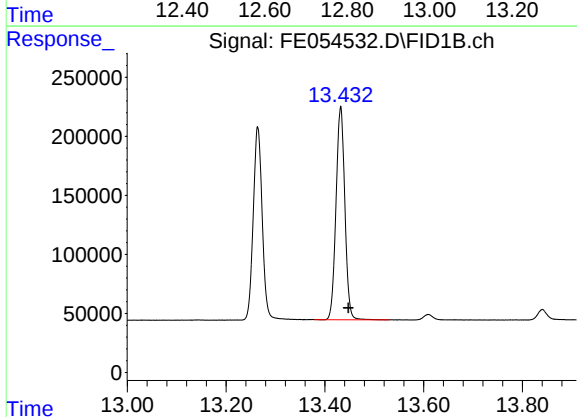
R.T.: 11.820 min
Delta R.T.: -0.015 min
Response: 2771634
Conc: 16.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



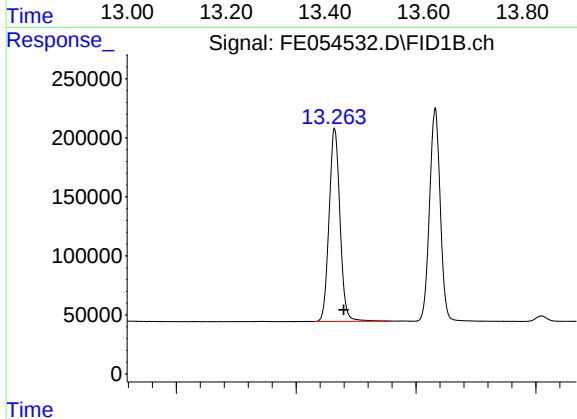
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.015 min
Response: 2248426
Conc: 16.81 ug/ml



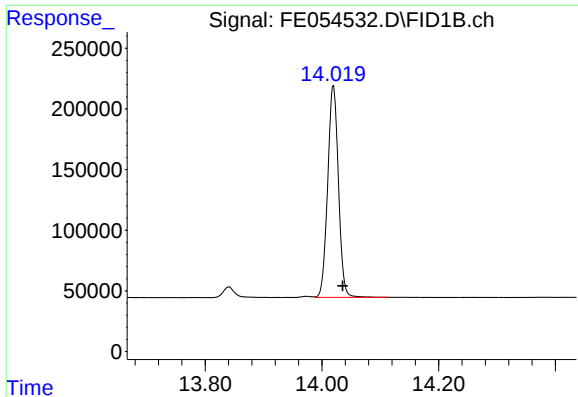
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.016 min
Response: 2240020
Conc: 16.85 ug/ml



#12 1-chlorooctadecane (SURR)

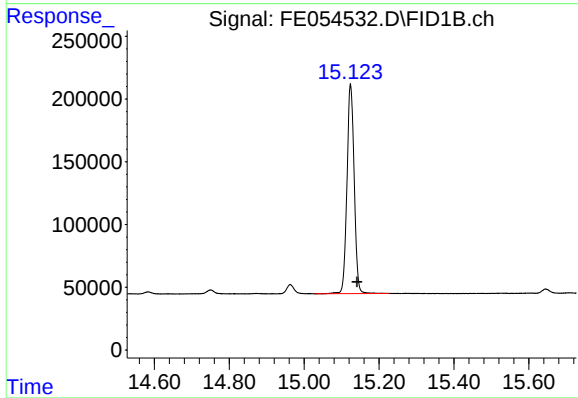
R.T.: 13.264 min
Delta R.T.: -0.015 min
Response: 2067711
Conc: 16.96 ug/ml



#13 n-Docosane (C22)

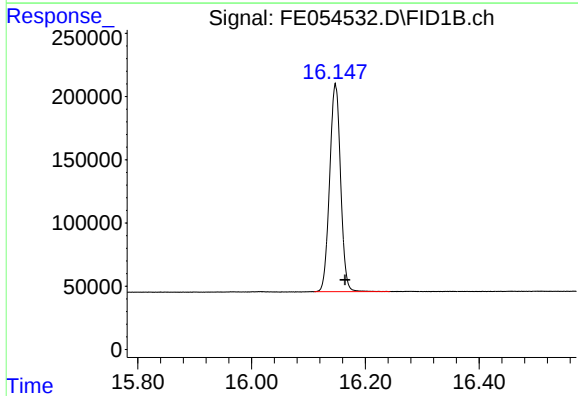
R.T.: 14.019 min
Delta R.T.: -0.016 min
Response: 2233900
Conc: 17.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



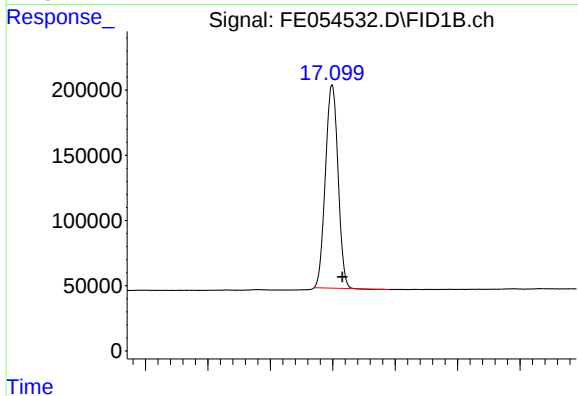
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.017 min
Response: 2232787
Conc: 17.31 ug/ml



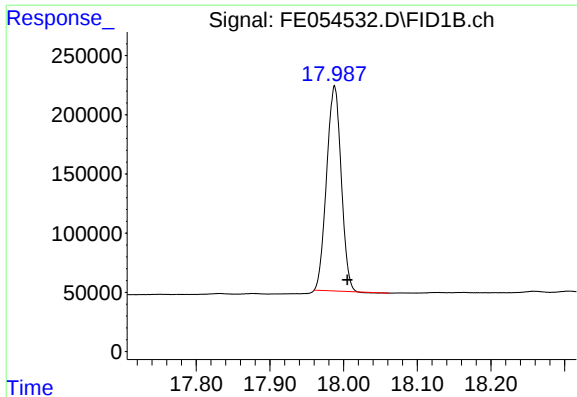
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 2194641
Conc: 17.48 ug/ml



#16 n-Octacosane (C28)

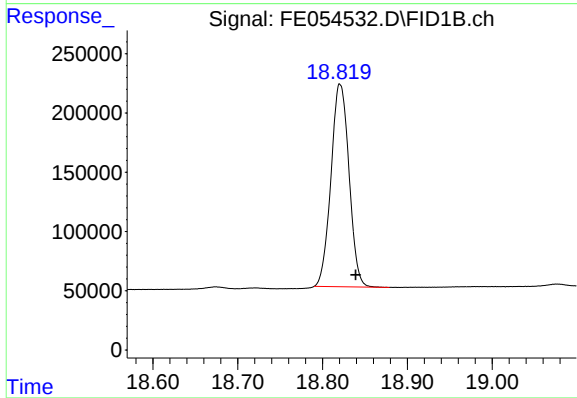
R.T.: 17.099 min
Delta R.T.: -0.016 min
Response: 2194229
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

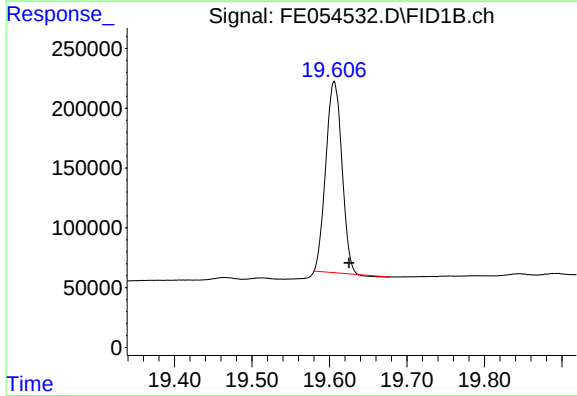
R.T.: 17.988 min
Delta R.T.: -0.018 min
Response: 2380833
Conc: 19.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



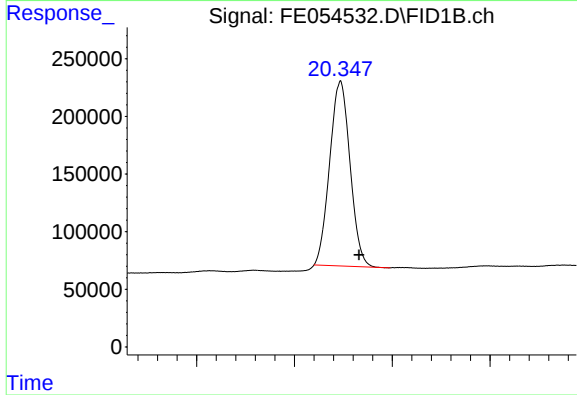
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.018 min
Response: 2531030
Conc: 20.14 ug/ml



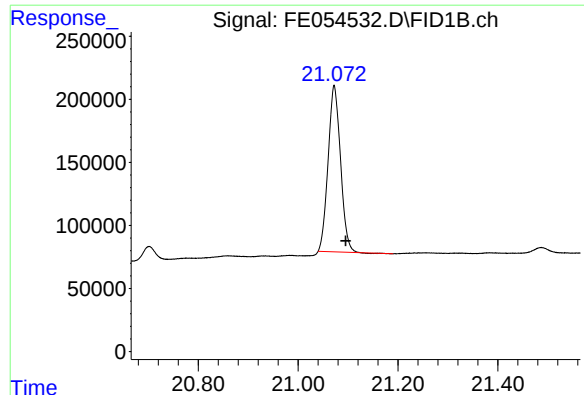
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.019 min
Response: 2302886
Conc: 18.51 ug/ml



#20 n-Hexatriacontane (C36)

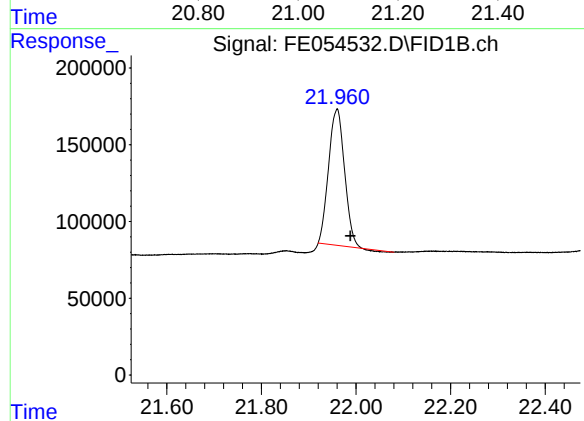
R.T.: 20.347 min
Delta R.T.: -0.019 min
Response: 2320151
Conc: 18.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.023 min
Response: 2273476
Conc: 17.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.028 min
Response: 2064100
Conc: 15.32 ug/ml