

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100824AL\
 Data File : FE050540.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 16:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 07 17:01:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.865	2942962	18.667 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
12) S 1-chlorooctadecane (S...	13.299	2228627	18.840 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.253	2689462	19.035 ug/ml
2) T n-Decane (C10)	4.503	2733520	19.052 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2714676	18.985 ug/ml
4) T n-Dodecane (C12)	6.670	2741257	19.045 ug/ml
5) T A~2-methylnaphthalene...	7.310	2535659	19.140 ug/ml
6) T n-Tetradecane (C14)	8.497	2716479	18.987 ug/ml
7) T n-Hexadecane (C16)	10.103	2790671	18.962 ug/ml
8) T n-Octadecane (C18)	11.544	2821757	18.891 ug/ml
10) T n-Eicosane (C20)	12.852	2729389	19.033 ug/ml
11) T n-Heneicosane (C21)	13.464	2653621	18.896 ug/ml
13) T n-Docosane (C22)	14.049	2698315	19.233 ug/ml
14) T n-Tetracosane (C24)	15.151	2823967	19.989 ug/ml
15) T n-Hexacosane (C26)	16.170	2863872	20.352 ug/ml
16) T n-Octacosane (C28)	17.118	2984657	20.397 ug/ml
17) T n-Tricontane (C30)	18.005	3160183	19.875 ug/ml
18) T n-Dotriacontane (C32)	18.837	3132221	19.321 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2741344	18.662 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2393312	18.873 ug/ml
21) T n-Octatriacontane (C38)	21.084	2140081	17.308 ug/ml
22) T n-Tetracontane (C40)	21.972	2032080	18.249 ug/ml

(f)=RT Delta > 1/2 Window

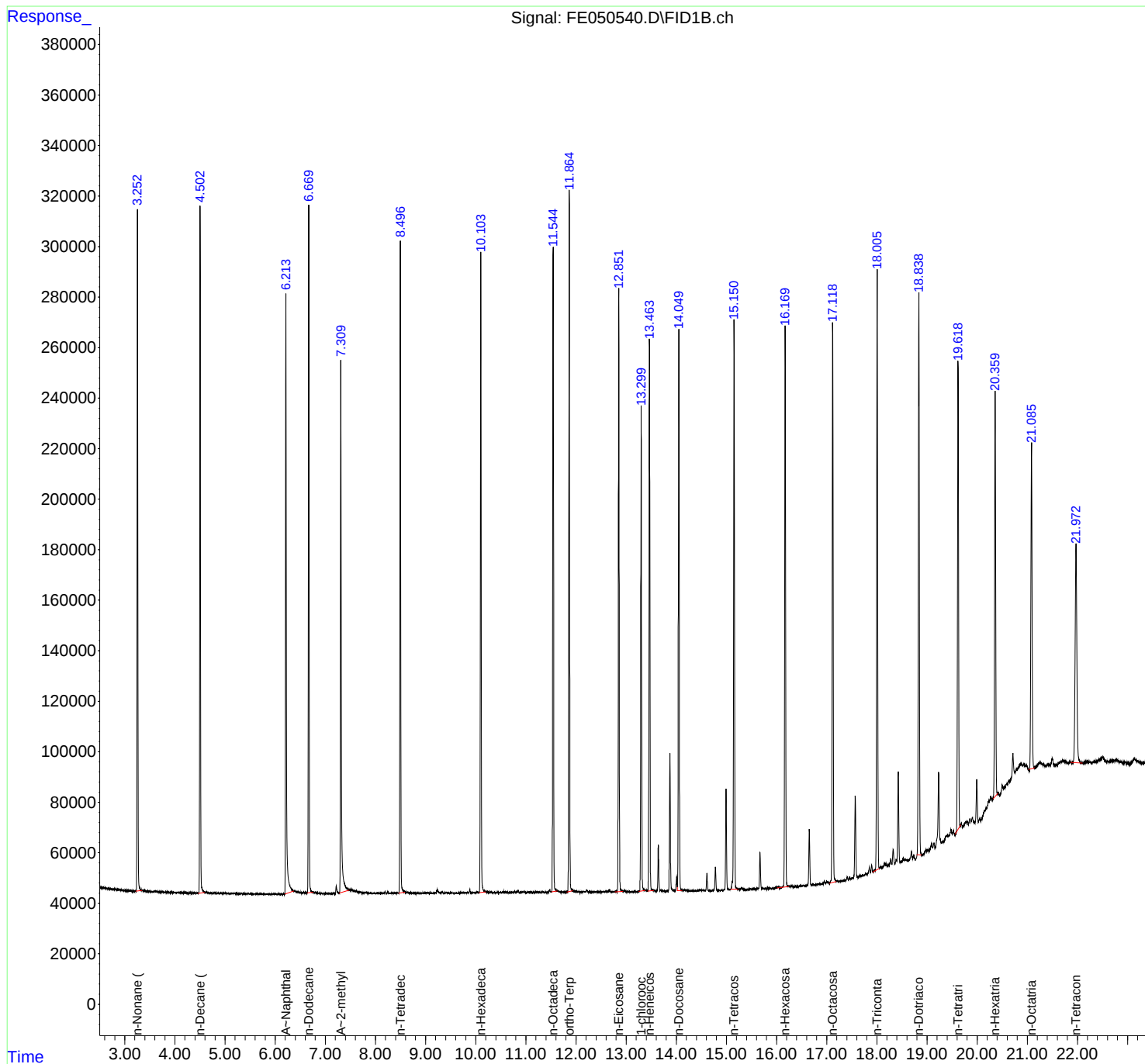
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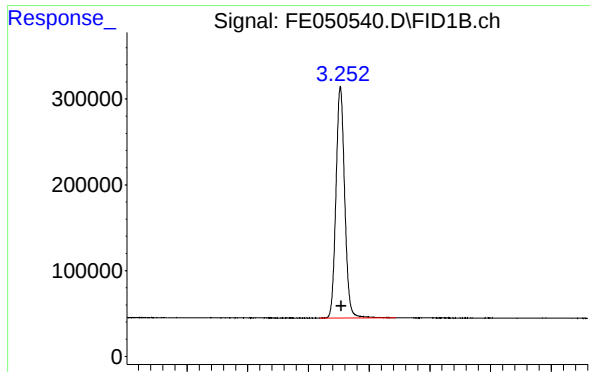
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#1 n-Nonane (C9)

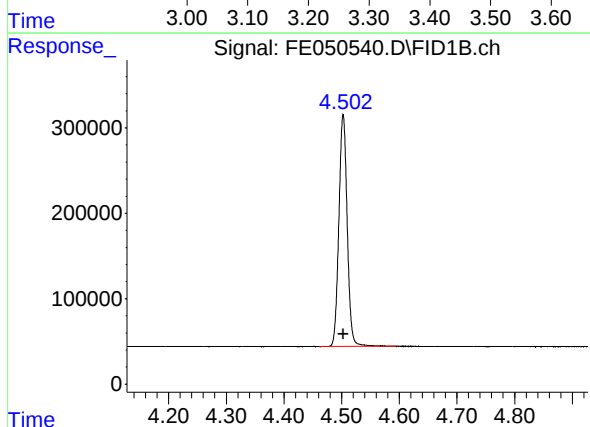
R.T.: 3.253 min
Delta R.T.: -0.001 min
Response: 2689462
Conc: 19.03 ug/ml

Instrument :

FID_E

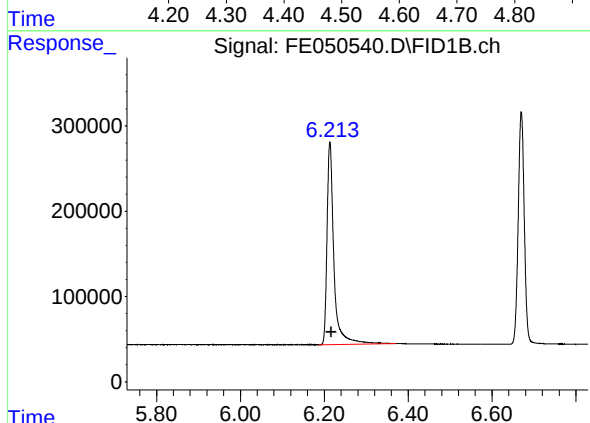
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



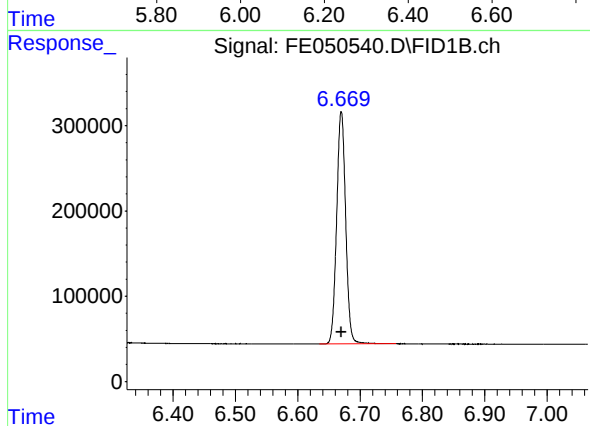
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 2733520
Conc: 19.05 ug/ml



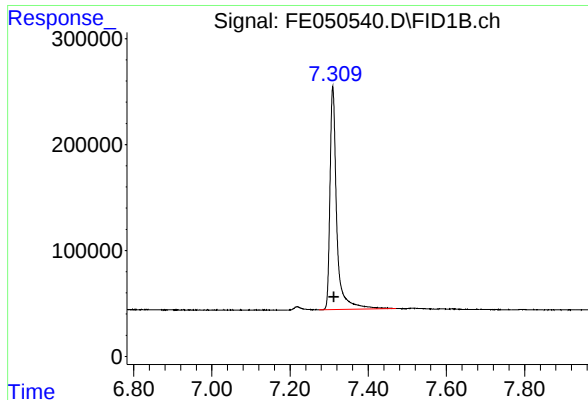
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 2714676
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 2741257
Conc: 19.05 ug/ml



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

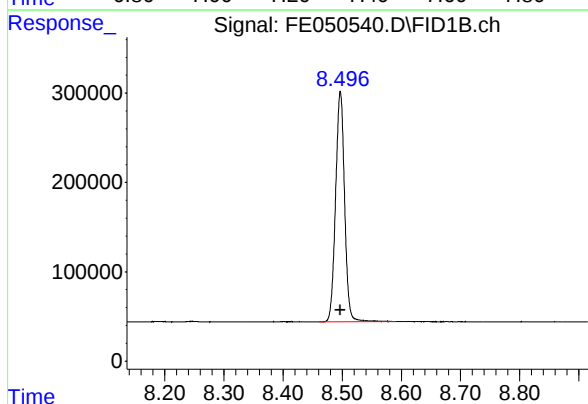
R.T.: 7.310 min
Delta R.T.: -0.003 min
Response: 2535659
Conc: 19.14 ug/ml

Instrument :

FID_E

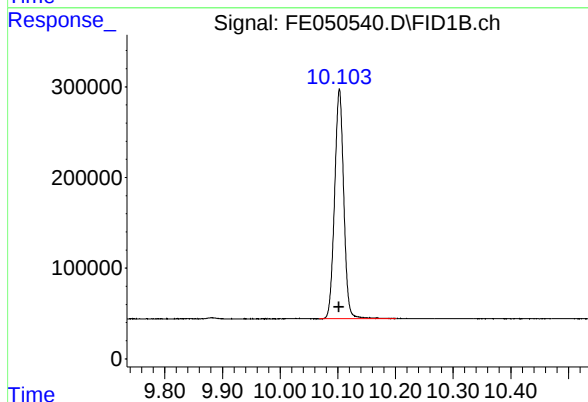
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



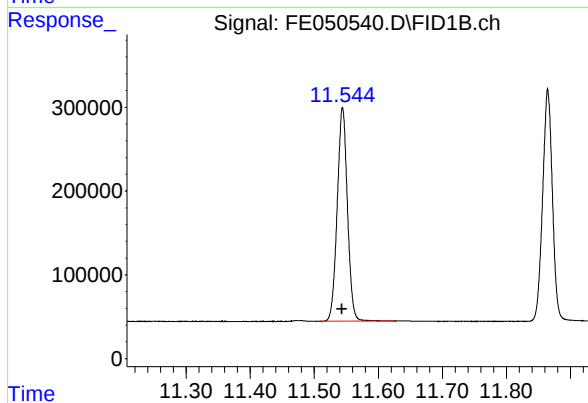
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 2716479
Conc: 18.99 ug/ml



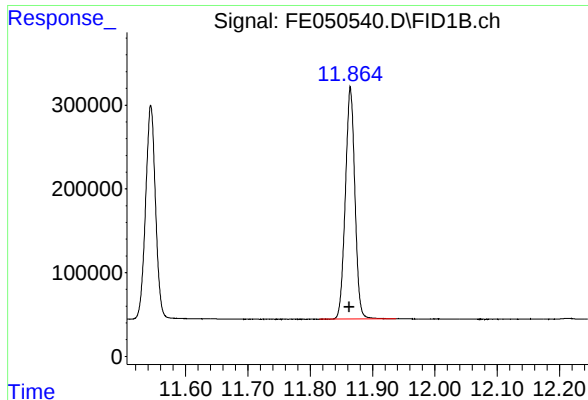
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 2790671
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 2821757
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

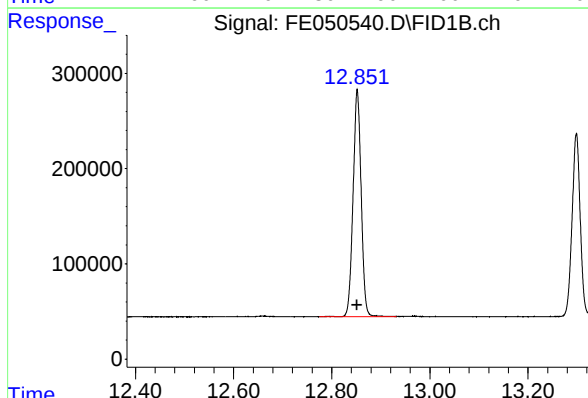
R.T.: 11.865 min
Delta R.T.: 0.001 min
Response: 2942962
Conc: 18.67 ug/ml

Instrument :

FID_E

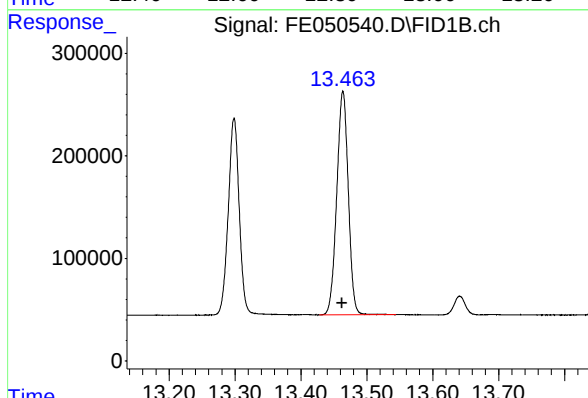
ClientSampleId :

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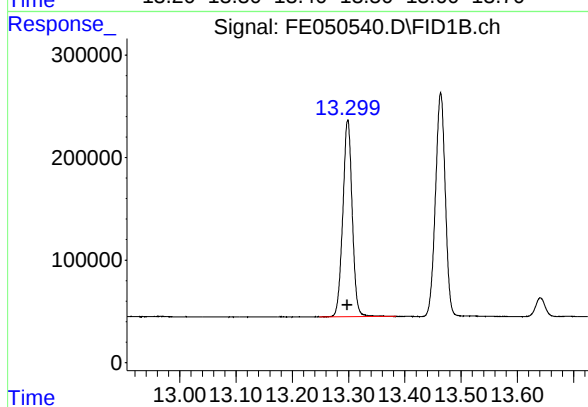
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 2729389
Conc: 19.03 ug/ml



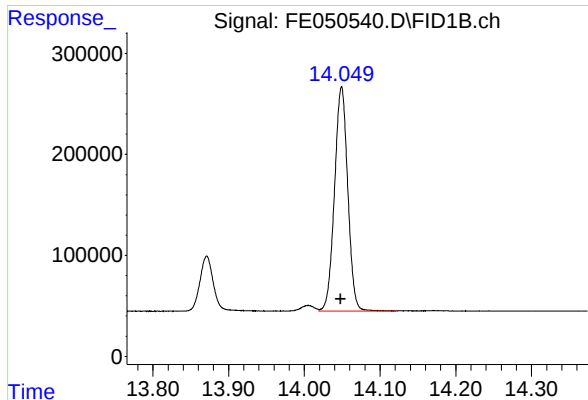
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.001 min
Response: 2653621
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 2228627
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

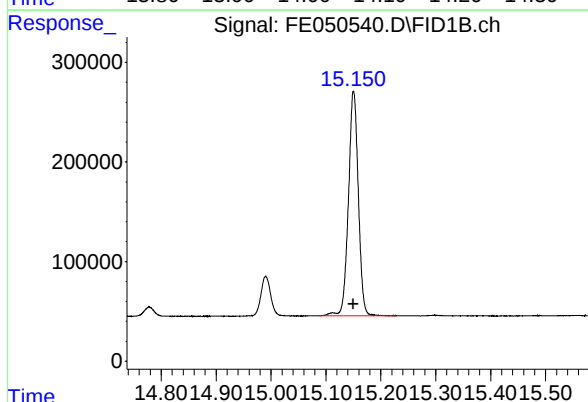
R.T.: 14.049 min
Delta R.T.: 0.001 min
Response: 2698315
Conc: 19.23 ug/ml

Instrument :

FID_E

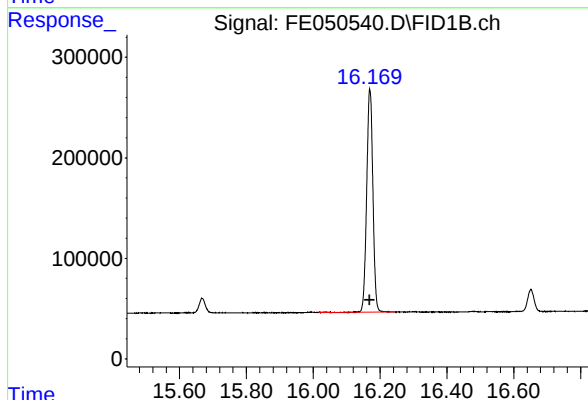
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



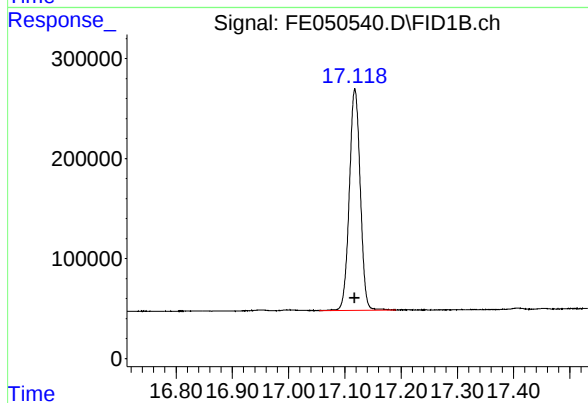
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.000 min
Response: 2823967
Conc: 19.99 ug/ml



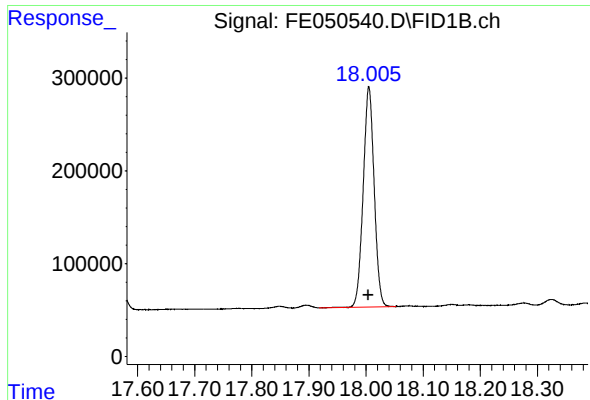
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.000 min
Response: 2863872
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 2984657
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

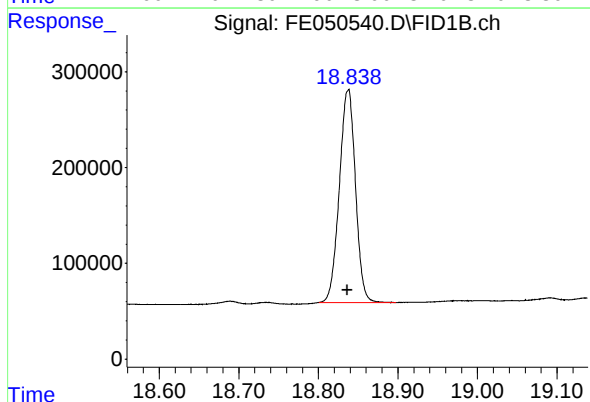
R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 3160183
Conc: 19.88 ug/ml

Instrument :

FID_E

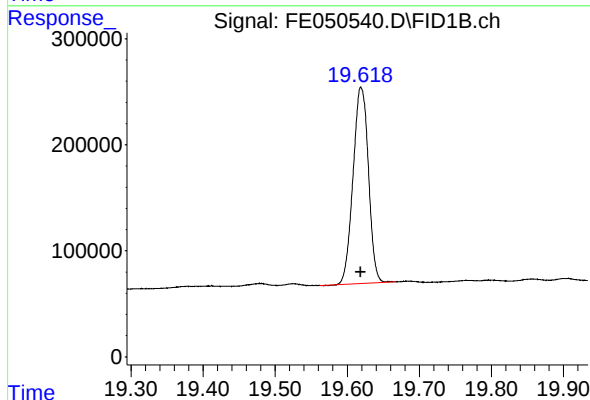
ClientSampleId :

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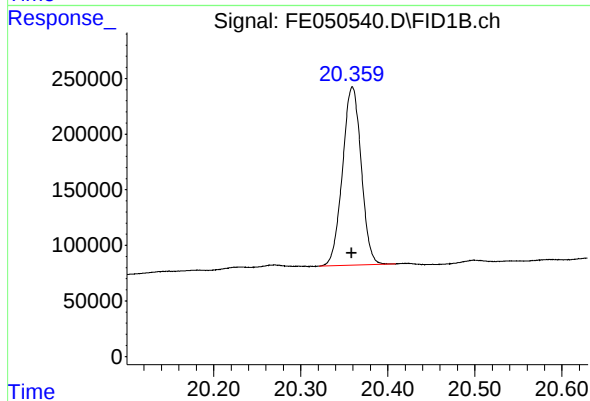
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: 0.000 min
Response: 3132221
Conc: 19.32 ug/ml



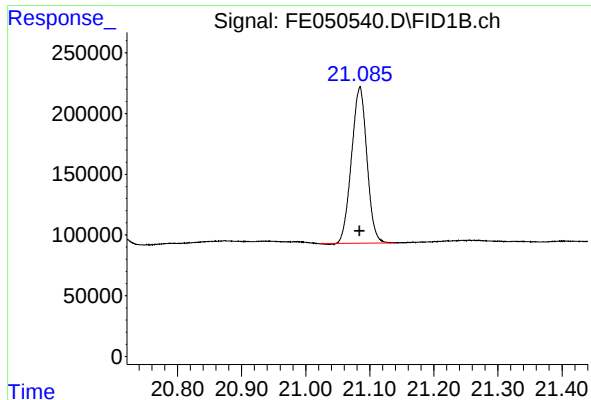
#19 n-Tetatriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 2741344
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 2393312
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

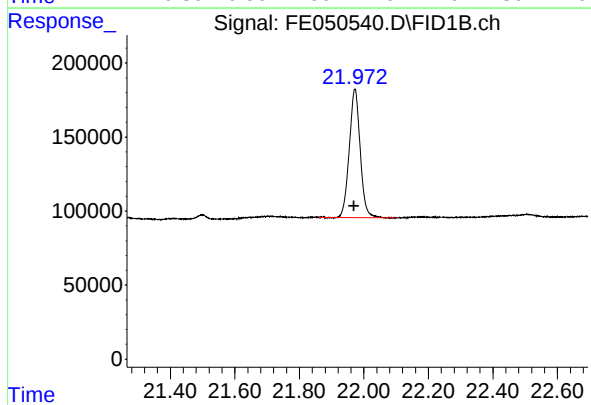
R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 2140081
Conc: 17.31 ug/ml

Instrument :

FID_E

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.003 min
Response: 2032080
Conc: 18.25 ug/ml