

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100924AL\
 Data File : FE050554.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2024 18:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 02:10:08 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)	11.862	3318065	21.046 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
12) S 1-chlorooctadecane (S...	13.297	2515130	21.262 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T n-Nonane (C9)	3.251	2954927	20.914 ug/ml
2) T n-Decane (C10)	4.501	3040190	21.190 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3054688	21.363 ug/ml
4) T n-Dodecane (C12)	6.669	3059328	21.255 ug/ml
5) T A~2-methylnaphthalene...	7.308	2868138	21.650 ug/ml
6) T n-Tetradecane (C14)	8.495	3026805	21.157 ug/ml
7) T n-Hexadecane (C16)	10.101	3125669	21.239 ug/ml
8) T n-Octadecane (C18)	11.543	3157548	21.139 ug/ml
10) T n-Eicosane (C20)	12.850	3022187	21.075 ug/ml
11) T n-Heneicosane (C21)	13.462	2956630	21.054 ug/ml
13) T n-Docosane (C22)	14.047	2937902	20.941 ug/ml
14) T n-Tetracosane (C24)	15.149	2930306	20.742 ug/ml
15) T n-Hexacosane (C26)	16.168	2920952	20.758 ug/ml
16) T n-Octacosane (C28)	17.116	2988801	20.425 ug/ml
17) T n-Tricontane (C30)	18.004	3223214	20.271 ug/ml
18) T n-Dotriacontane (C32)	18.835	3260519	20.113 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2995709	20.394 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2658219	20.962 ug/ml
21) T n-Octatriacontane (C38)	21.082	2471198	19.986 ug/ml
22) T n-Tetracontane (C40)	21.968	2149221	19.301 ug/ml

(f)=RT Delta > 1/2 Window

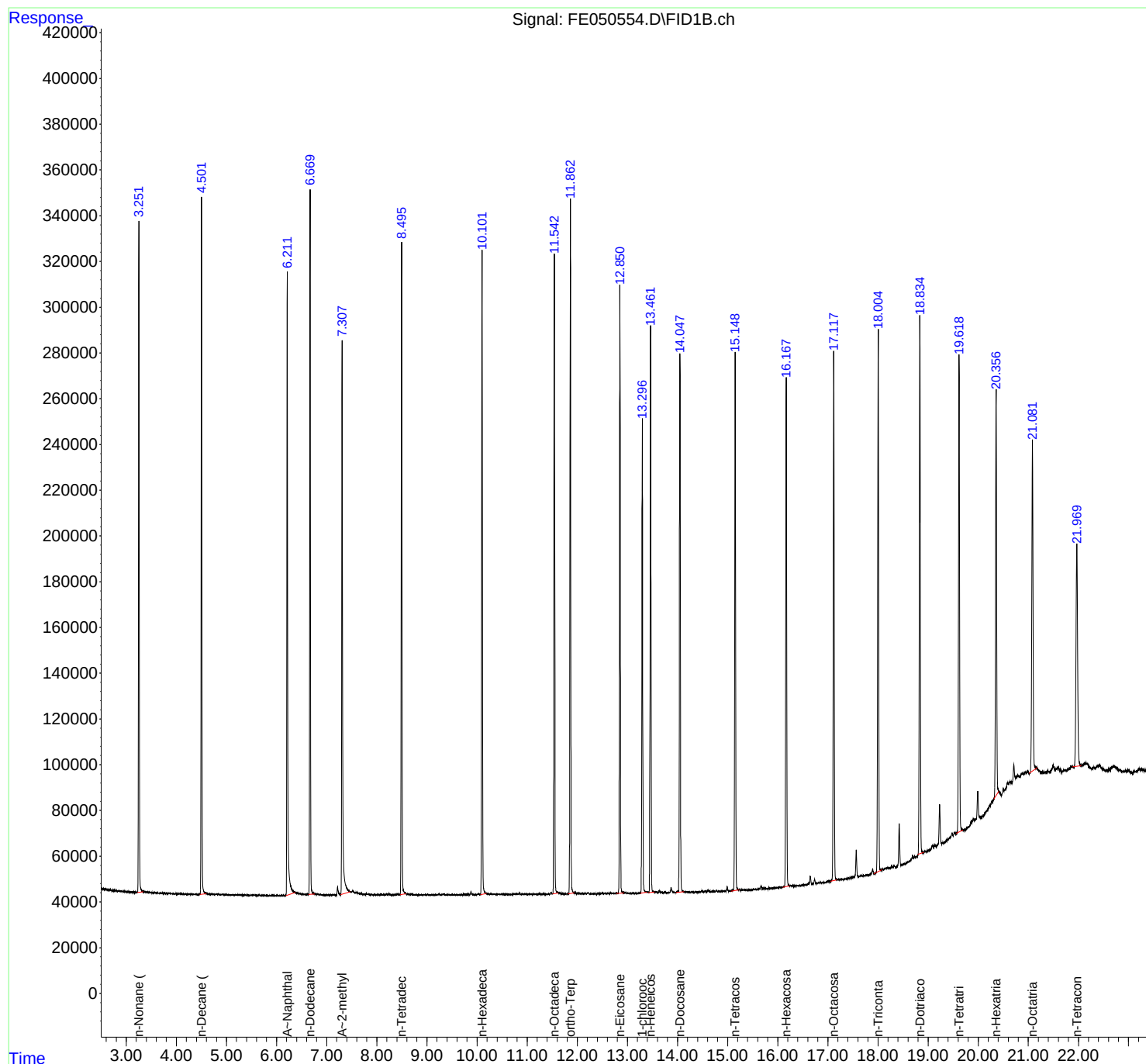
(m)=manual int.

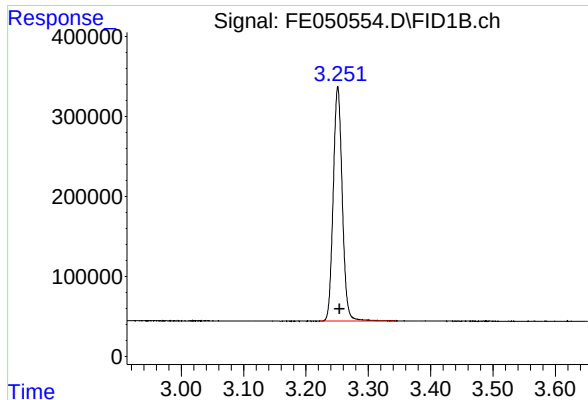
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100924AL\
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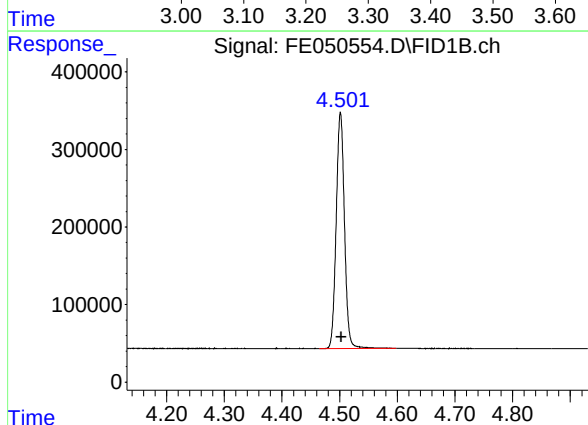




#1 n-Nonane (C9)

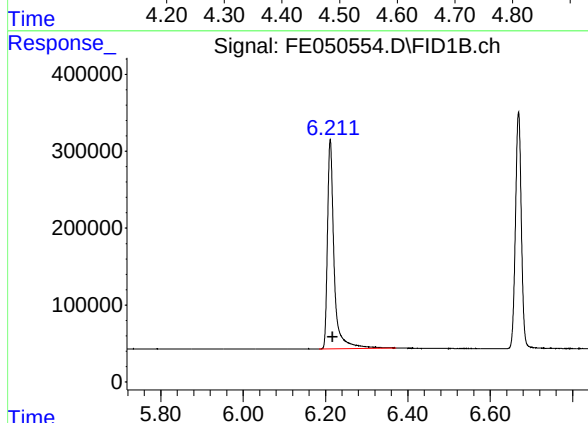
R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 2954927
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



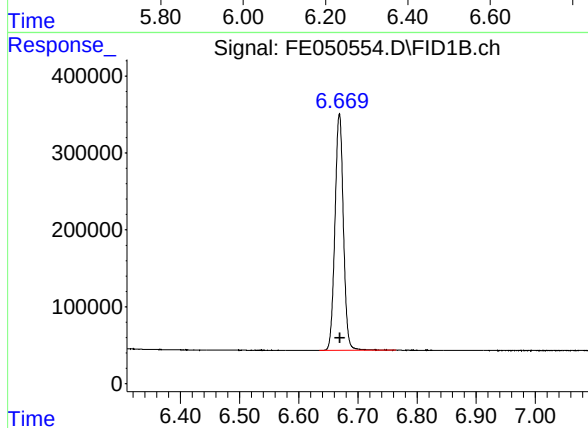
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 3040190
Conc: 21.19 ug/ml



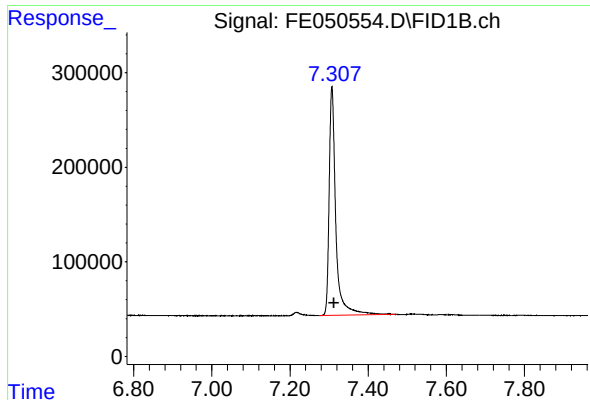
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 3054688
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

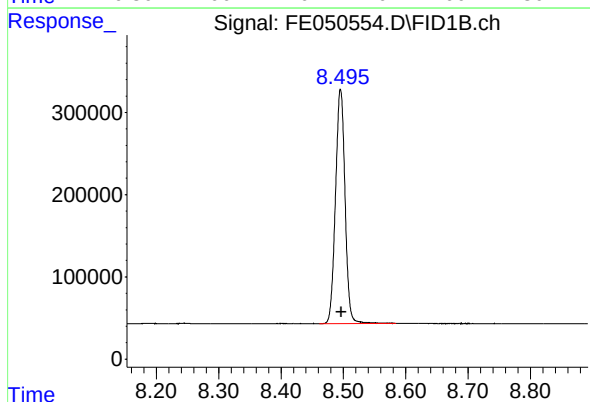
R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 3059328
Conc: 21.26 ug/ml



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

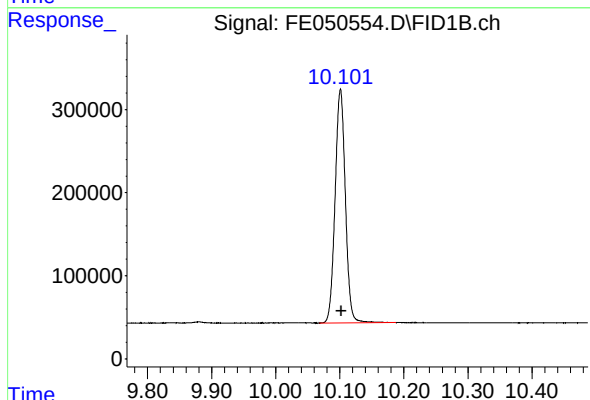
R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 2868138
Conc: 21.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



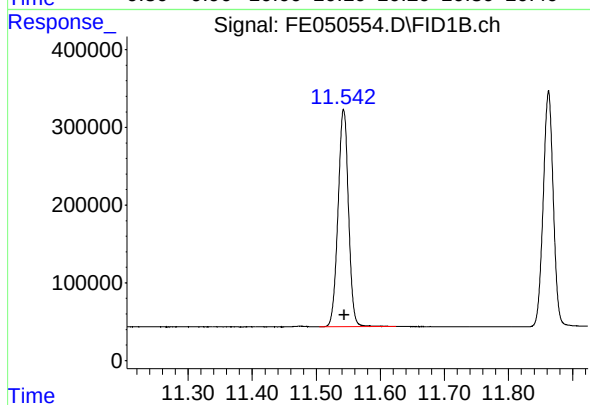
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 3026805
Conc: 21.16 ug/ml



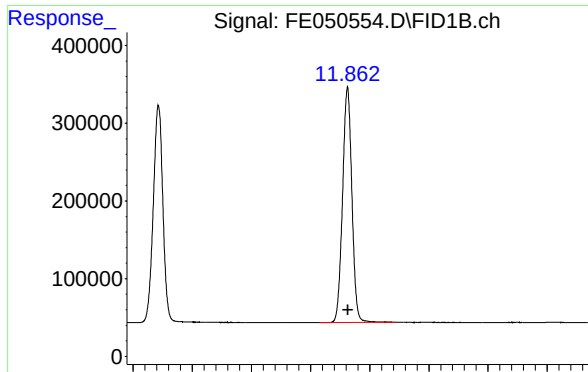
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.001 min
Response: 3125669
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

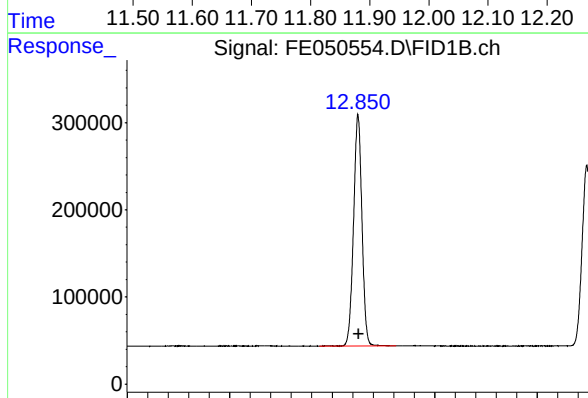
R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 3157548
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

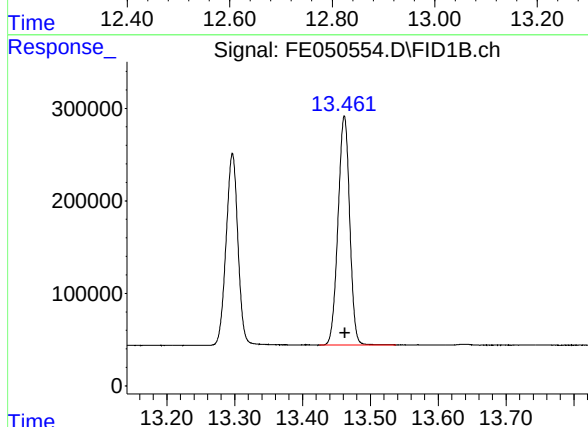
R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 3318065
Conc: 21.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



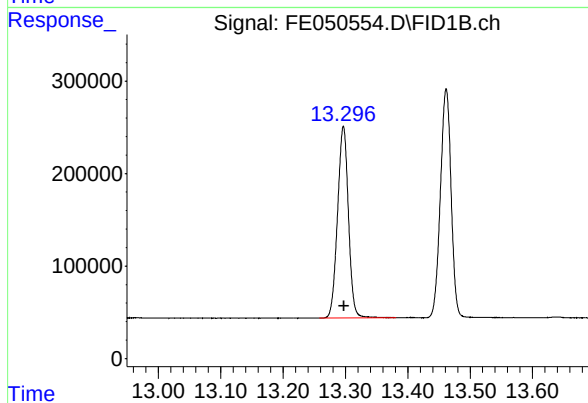
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.001 min
Response: 3022187
Conc: 21.08 ug/ml



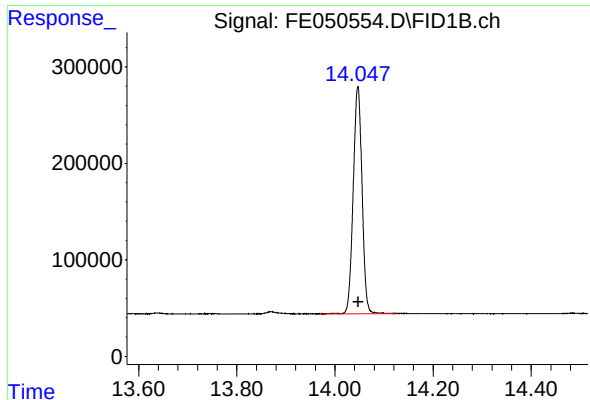
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.001 min
Response: 2956630
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

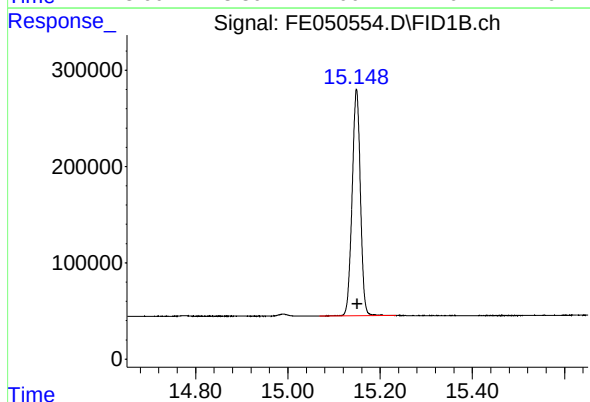
R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 2515130
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

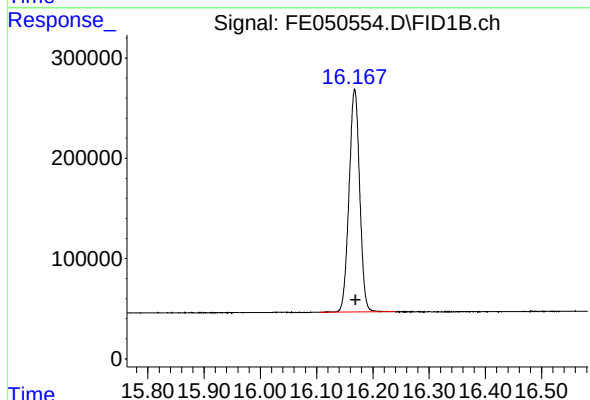
R.T.: 14.047 min
Delta R.T.: -0.001 min
Response: 2937902
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



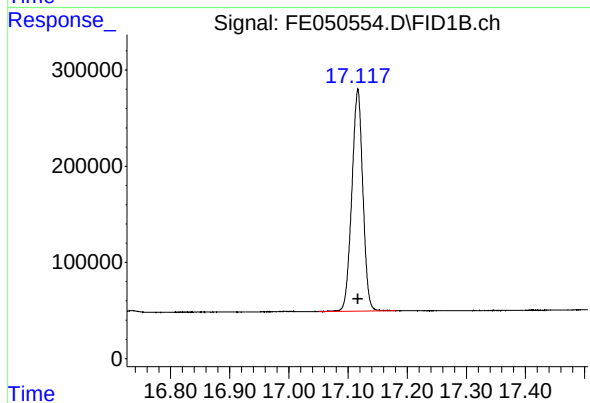
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.001 min
Response: 2930306
Conc: 20.74 ug/ml



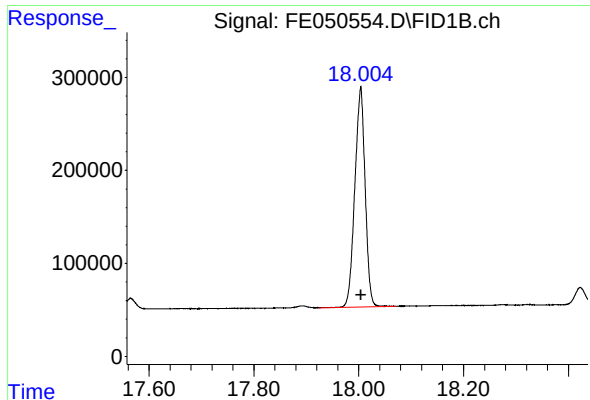
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 2920952
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

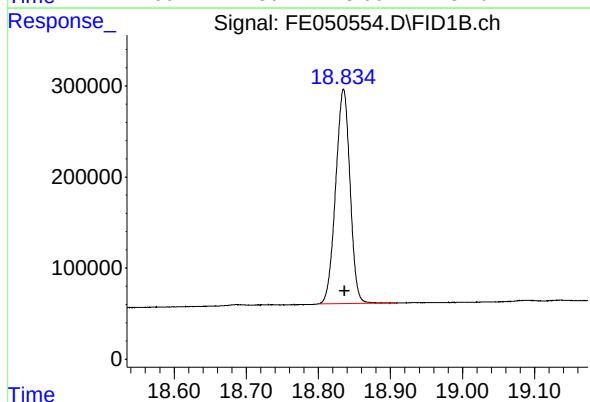
R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 2988801
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

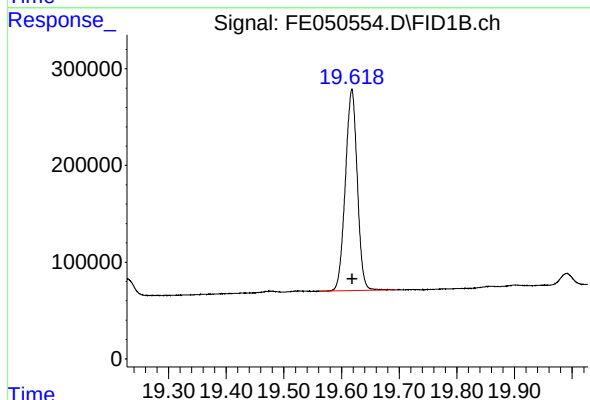
R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 3223214
Conc: 20.27 ug/ml

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20 PPM ALIPHATIC HC STD



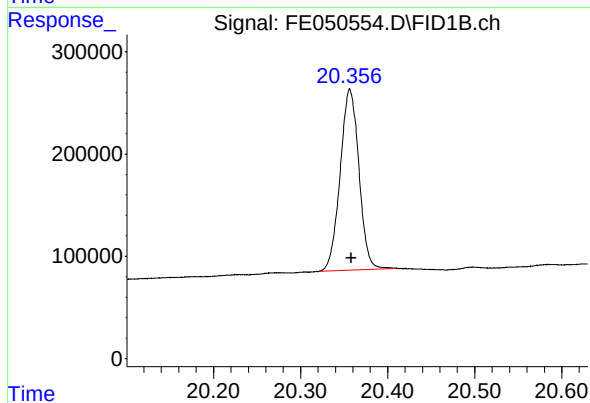
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 3260519
Conc: 20.11 ug/ml



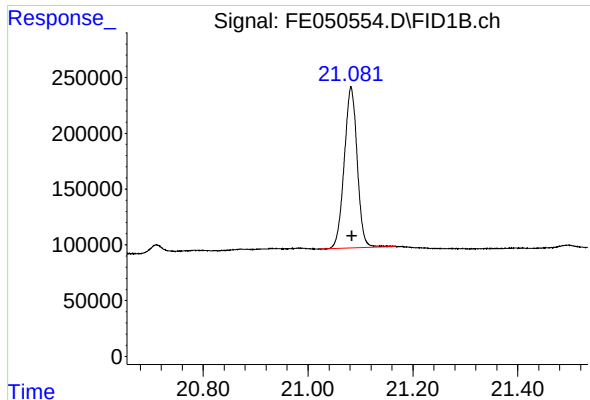
#19 n-Tetatriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 2995709
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

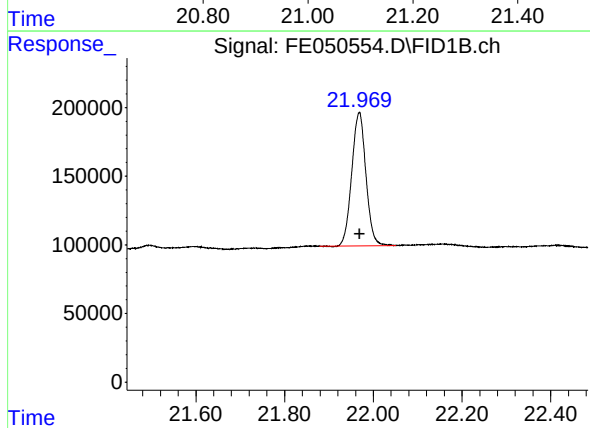
R.T.: 20.357 min
Delta R.T.: -0.002 min
Response: 2658219
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.002 min
Response: 2471198
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.000 min
Response: 2149221
Conc: 19.30 ug/ml