

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044049.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 03:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 03:40:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.935	3904396	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.374	2844060	20.587 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.323	3375899	20.694 ug/ml
2) T n-Decane (C10)	4.574	3449248	20.752 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3706720	20.700 ug/ml
4) T n-Dodecane (C12)	6.737	3481797	20.703 ug/ml
5) T A~2-methylnaphthalene...	7.369	3543180	20.668 ug/ml
6) T n-Tetradecane (C14)	8.565	3463102	20.650 ug/ml
7) T n-Hexadecane (C16)	10.174	3573544	20.676 ug/ml
8) T n-Octadecane (C18)	11.618	3589617	20.622 ug/ml
10) T n-Eicosane (C20)	12.929	3402763	20.572 ug/ml
11) T n-Heneicosane (C21)	13.541	3318119	20.513 ug/ml
13) T n-Docosane (C22)	14.128	3277455	20.515 ug/ml
14) T n-Tetracosane (C24)	15.231	3211288	20.535 ug/ml
15) T n-Hexacosane (C26)	16.254	3099013	20.557 ug/ml
16) T n-Octacosane (C28)	17.204	2968780	20.572 ug/ml
17) T n-Tricontane (C30)	18.093	2989073	20.574 ug/ml
18) T n-Dotriacontane (C32)	18.928	2927252	20.550 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2875027	20.545 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2828191	20.630 ug/ml
21) T n-Octatriacontane (C38)	21.196	2846286	20.504 ug/ml
22) T n-Tetracontane (C40)	22.120	2755668	19.931 ug/ml

(f)=RT Delta > 1/2 Window

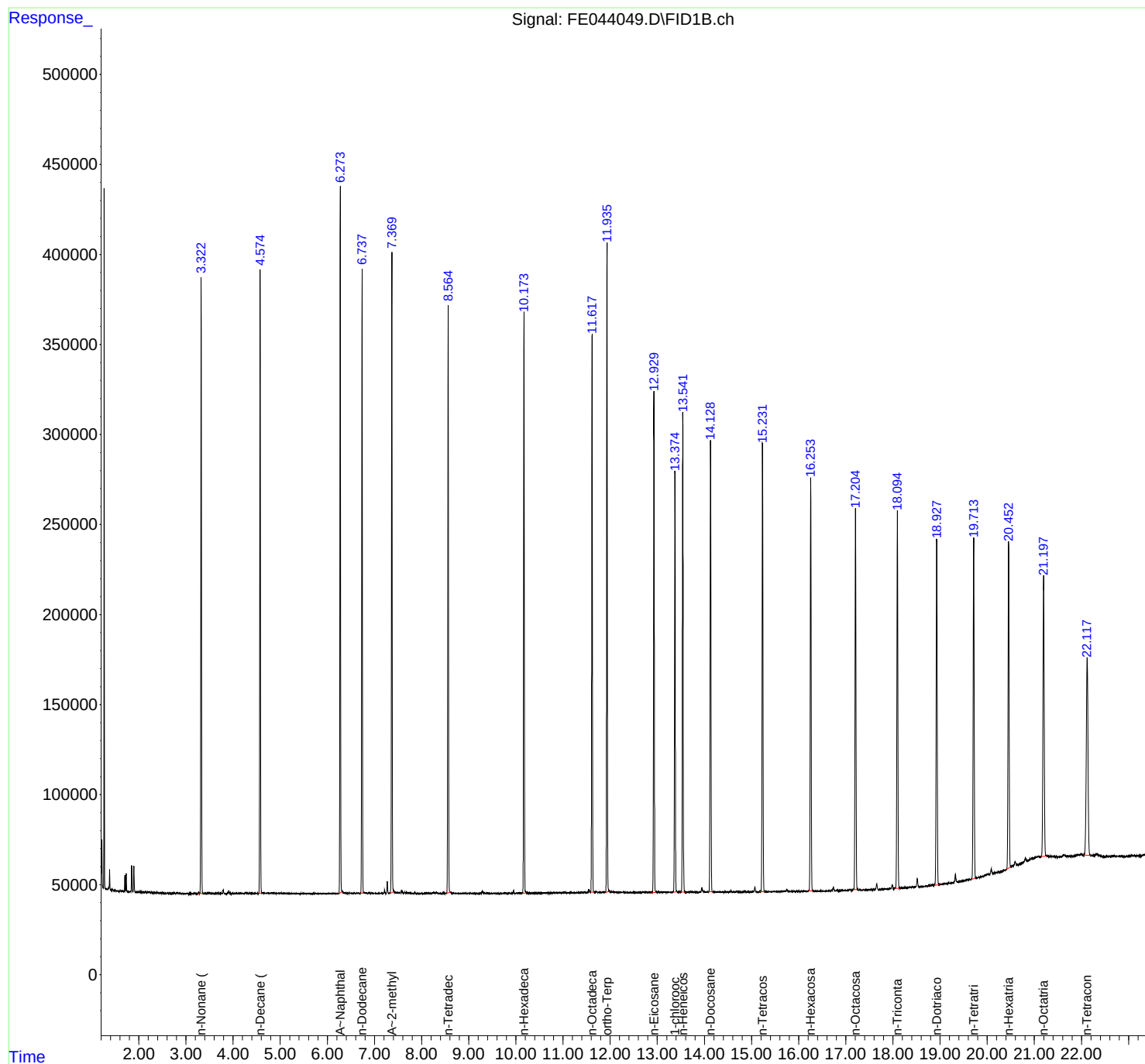
(m)=manual int.

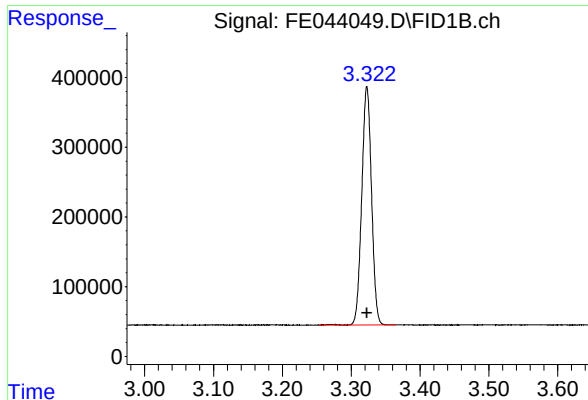
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
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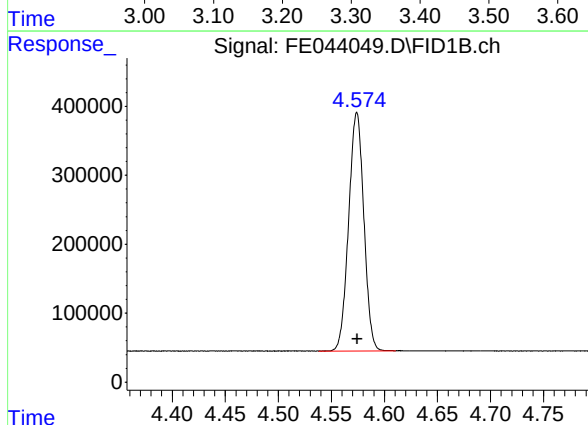




#1 n-Nonane (C9)

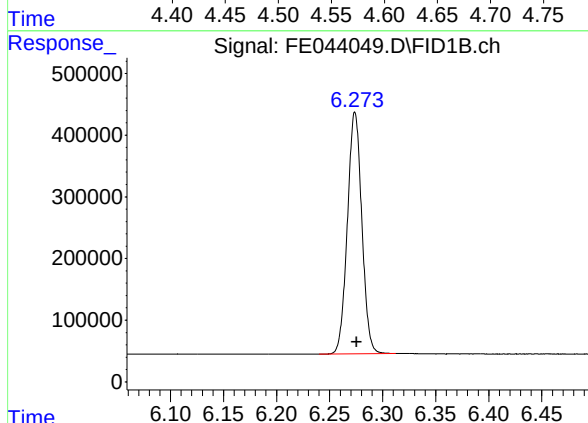
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 3375899
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



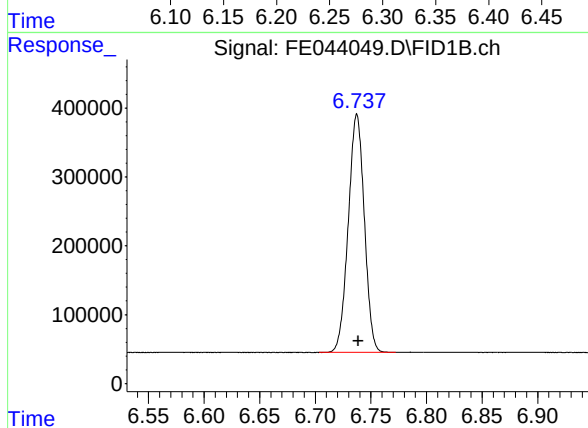
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 3449248
Conc: 20.75 ug/ml



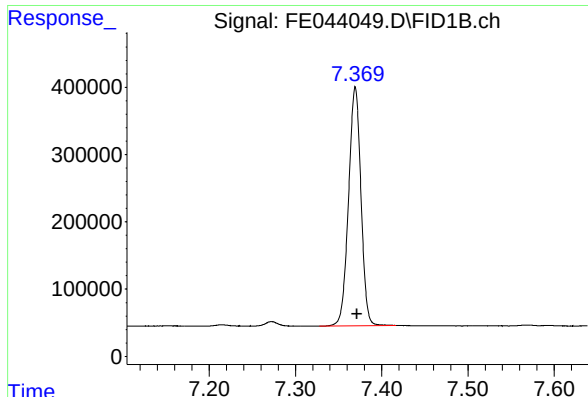
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 3706720
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

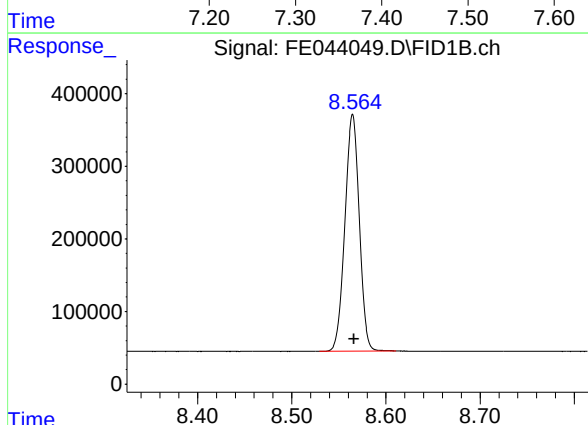
R.T.: 6.737 min
Delta R.T.: -0.001 min
Response: 3481797
Conc: 20.70 ug/ml



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

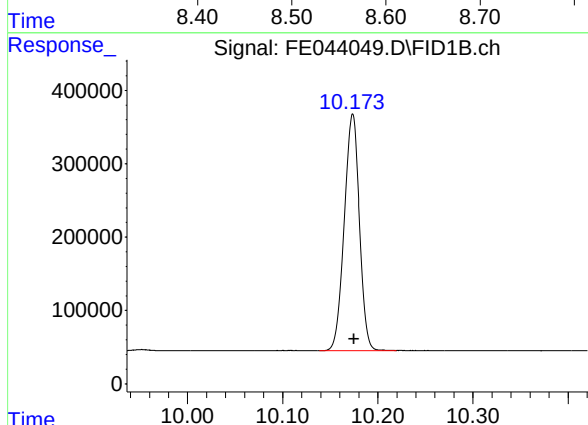
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 3543180
Conc: 20.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



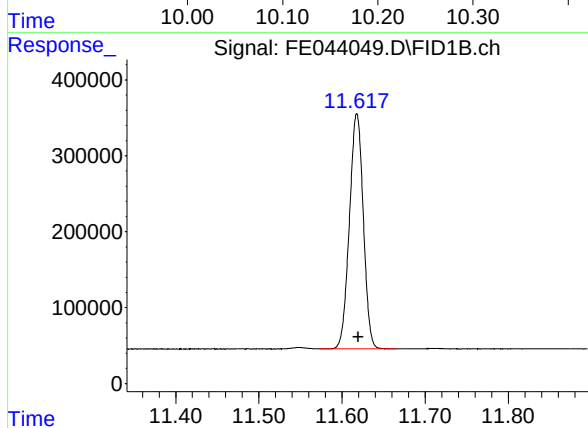
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 3463102
Conc: 20.65 ug/ml



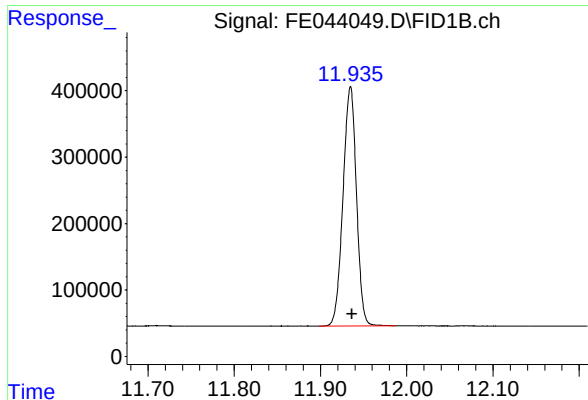
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.001 min
Response: 3573544
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

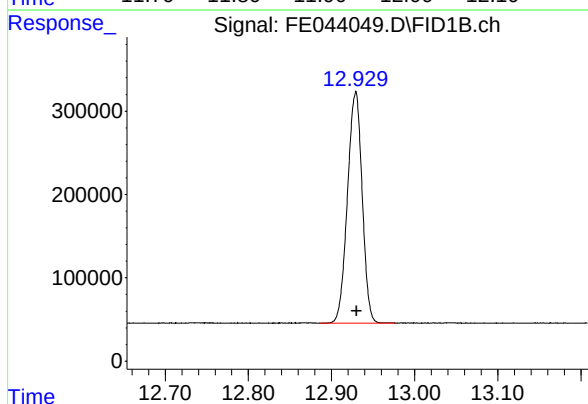
R.T.: 11.618 min
Delta R.T.: -0.002 min
Response: 3589617
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

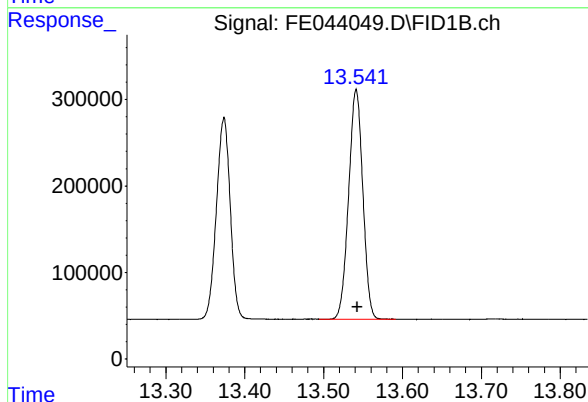
R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 3904396
Conc: 20.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



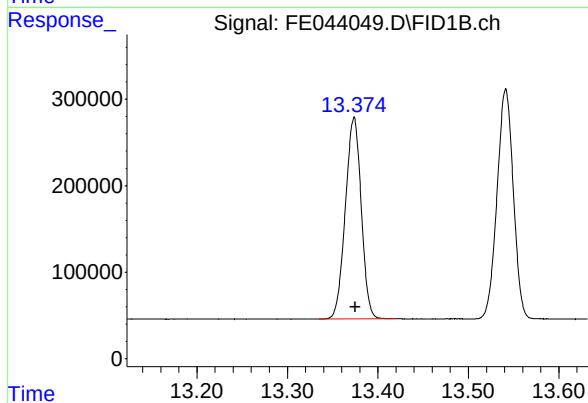
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 3402763
Conc: 20.57 ug/ml



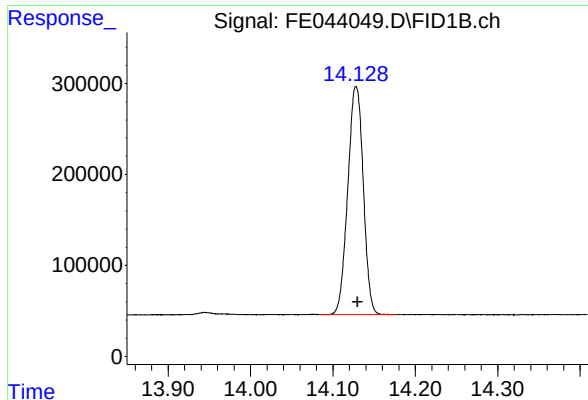
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.001 min
Response: 3318119
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

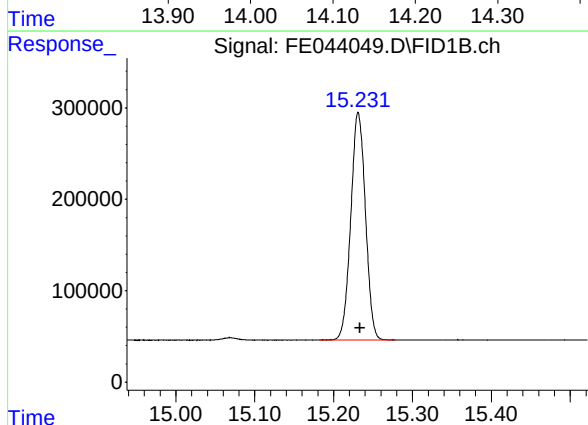
R.T.: 13.374 min
Delta R.T.: -0.001 min
Response: 2844060
Conc: 20.59 ug/ml



#13 n-Docosane (C22)

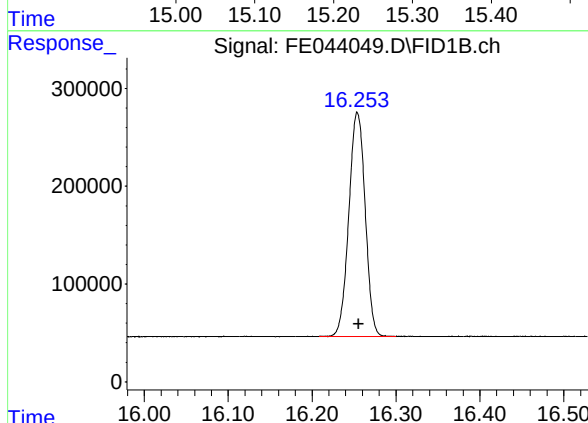
R.T.: 14.128 min
Delta R.T.: -0.002 min
Response: 3277455
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



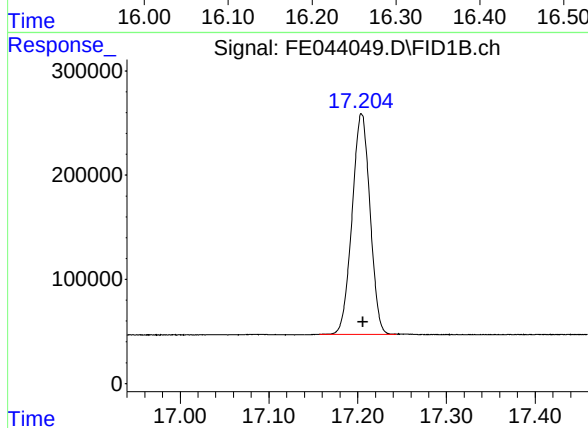
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.003 min
Response: 3211288
Conc: 20.54 ug/ml



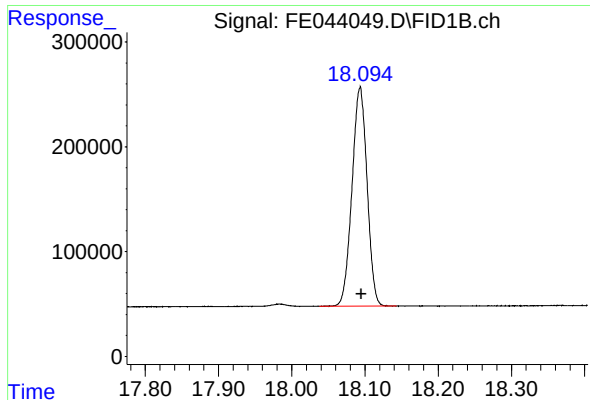
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.002 min
Response: 3099013
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

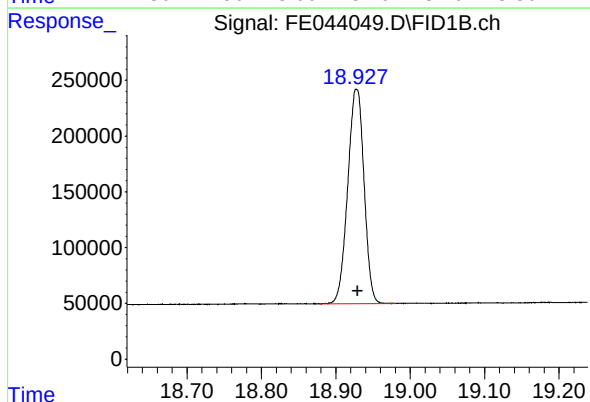
R.T.: 17.204 min
Delta R.T.: -0.002 min
Response: 2968780
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

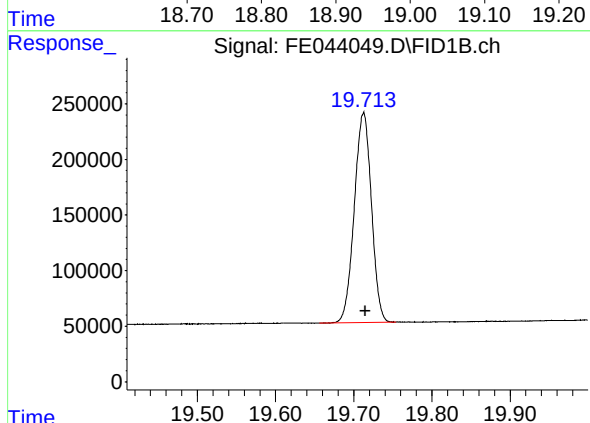
R.T.: 18.093 min
Delta R.T.: -0.002 min
Response: 2989073
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



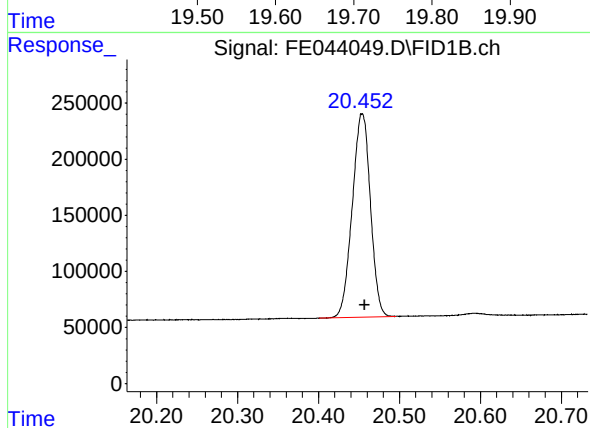
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.002 min
Response: 2927252
Conc: 20.55 ug/ml



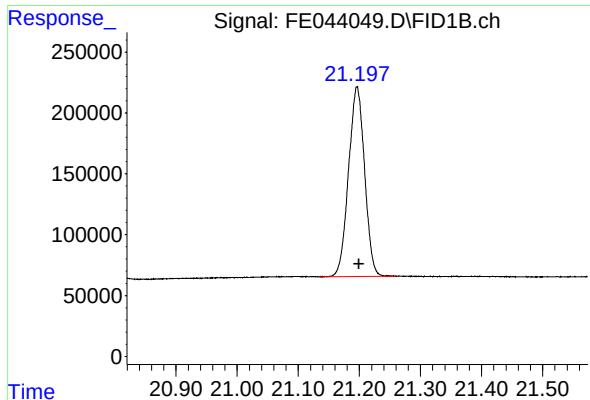
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.002 min
Response: 2875027
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

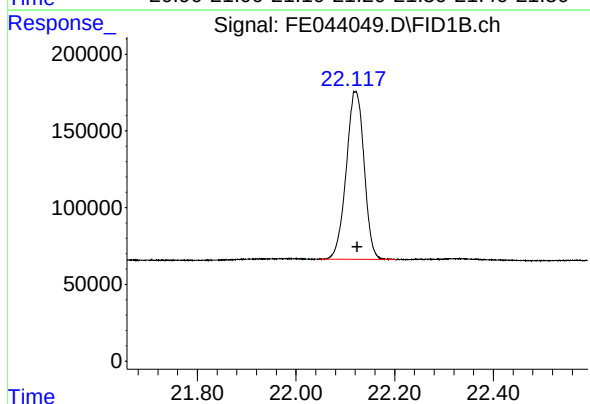
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 2828191
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.004 min
Response: 2846286
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.003 min
Response: 2755668
Conc: 19.93 ug/ml