

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052477.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 20:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 25 00:31:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.917	3543790	18.958 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	13.362	2674034	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.255	3272828	21.321 ug/ml
2) T n-Decane (C10)	4.517	3359454	21.509 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3683347	21.319 ug/ml
4) T n-Dodecane (C12)	6.699	3331681	21.108 ug/ml
5) T A~2-methylnaphthalene...	7.334	3534019	21.042 ug/ml
6) T n-Tetradecane (C14)	8.536	3222969	20.462 ug/ml
7) T n-Hexadecane (C16)	10.151	3269545	20.005 ug/ml
8) T n-Octadecane (C18)	11.601	3242684	19.598 ug/ml
10) T n-Eicosane (C20)	12.916	3083942	19.344 ug/ml
11) T n-Heneicosane (C21)	13.530	3020059	19.276 ug/ml
13) T n-Docosane (C22)	14.119	2994183	19.133 ug/ml
14) T n-Tetracosane (C24)	15.226	2976551	18.926 ug/ml
15) T n-Hexacosane (C26)	16.250	2928282	18.906 ug/ml
16) T n-Octacosane (C28)	17.202	2894840	18.925 ug/ml
17) T n-Tricontane (C30)	18.092	2954767	18.929 ug/ml
18) T n-Dotriacontane (C32)	18.926	2872990	18.775 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2565029	18.030 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2294108	18.406 ug/ml
21) T n-Octatriacontane (C38)	21.197	2294863	20.996 ug/ml
22) T n-Tetracontane (C40)	22.122	2481523	24.670 ug/ml

(f)=RT Delta > 1/2 Window

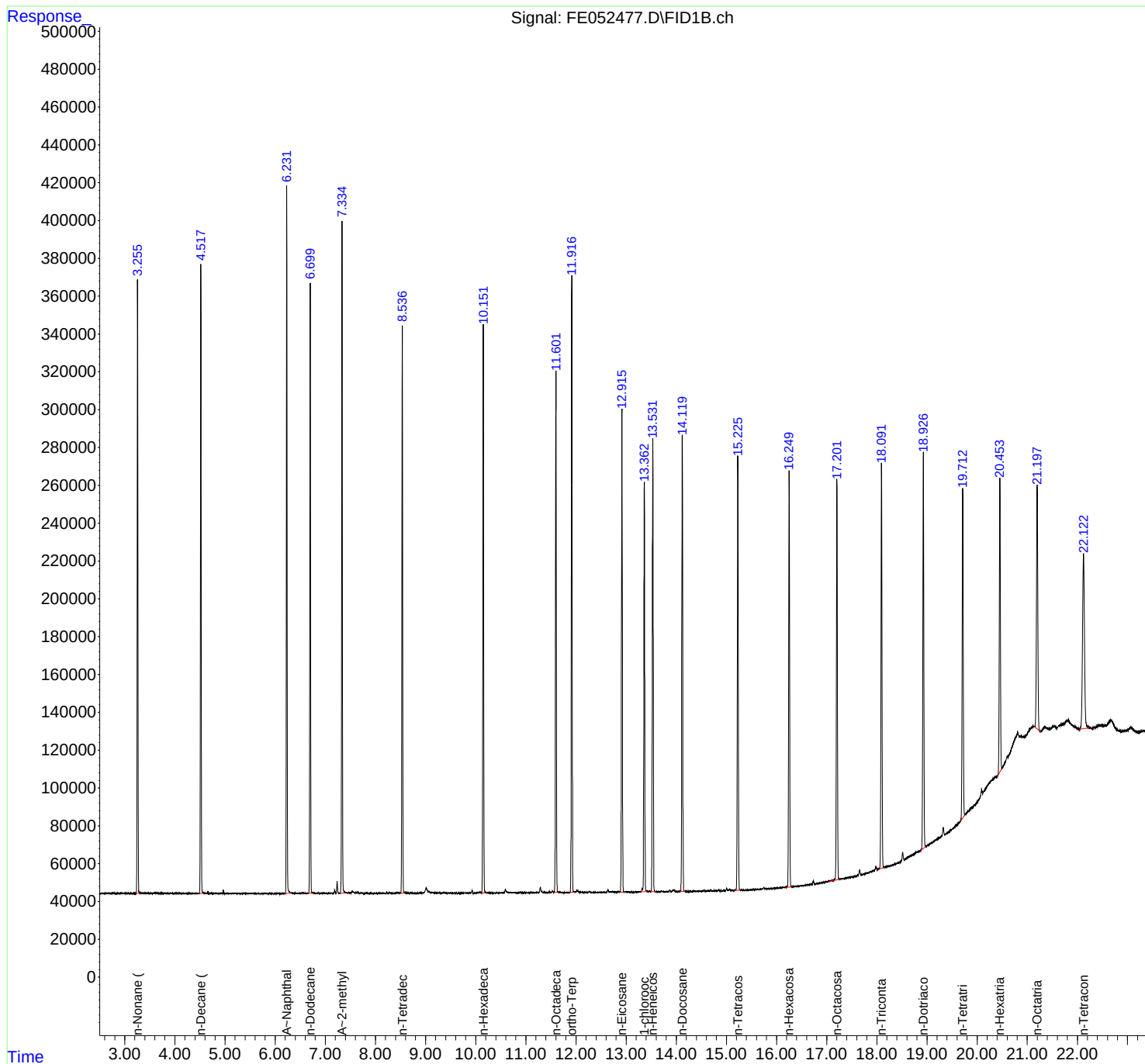
(m)=manual int.

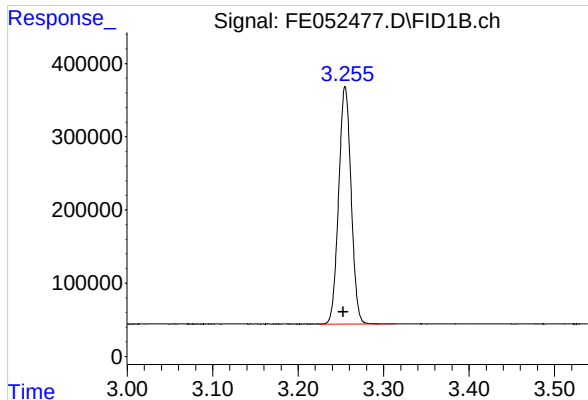
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
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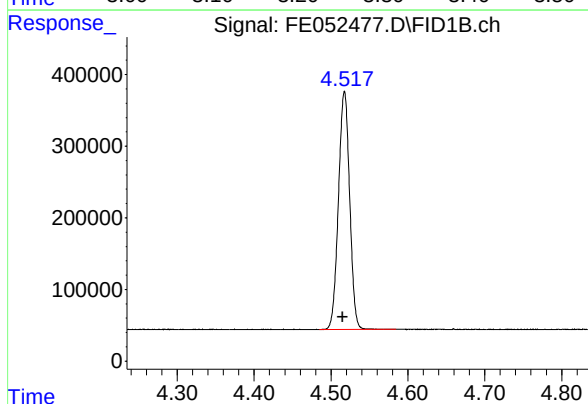




#1 n-Nonane (C9)

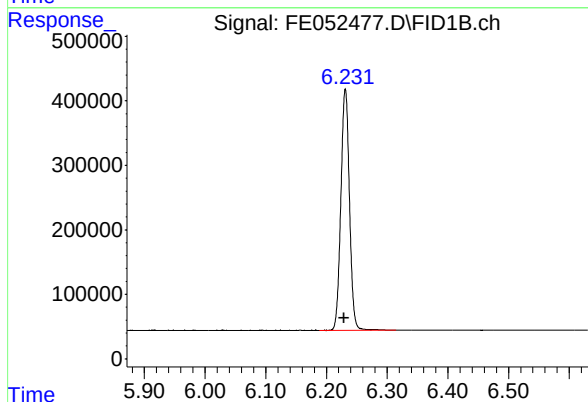
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3272828
Conc: 21.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



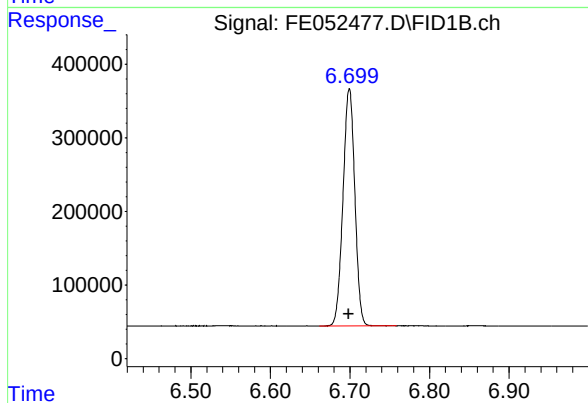
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 3359454
Conc: 21.51 ug/ml



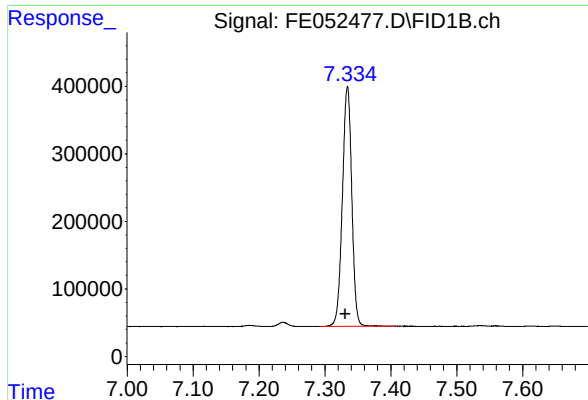
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3683347
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

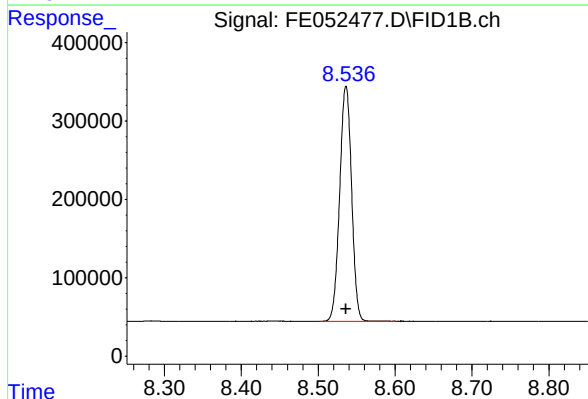
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3331681
Conc: 21.11 ug/ml



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

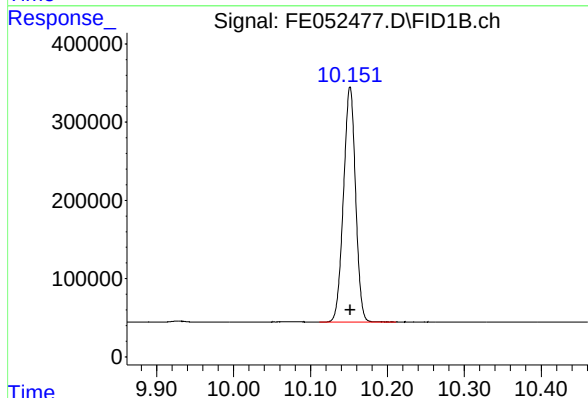
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3534019
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



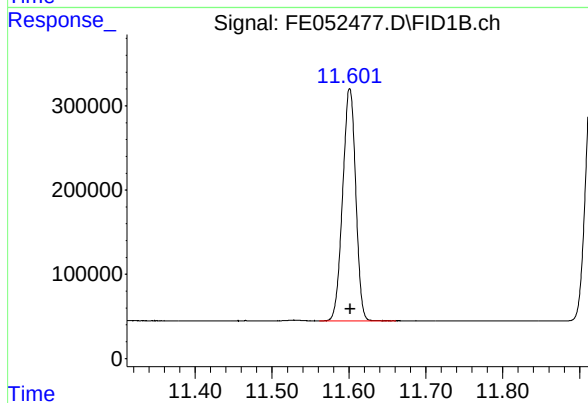
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3222969
Conc: 20.46 ug/ml



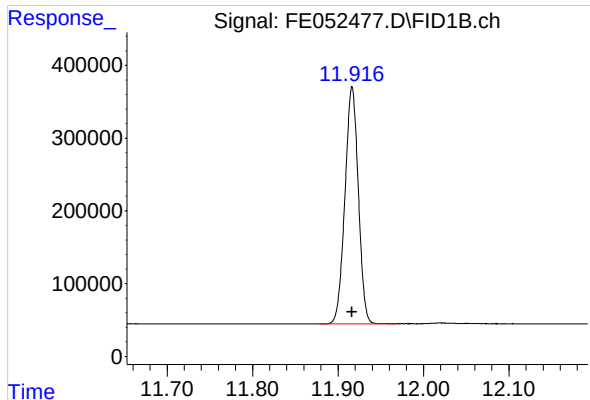
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 3269545
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

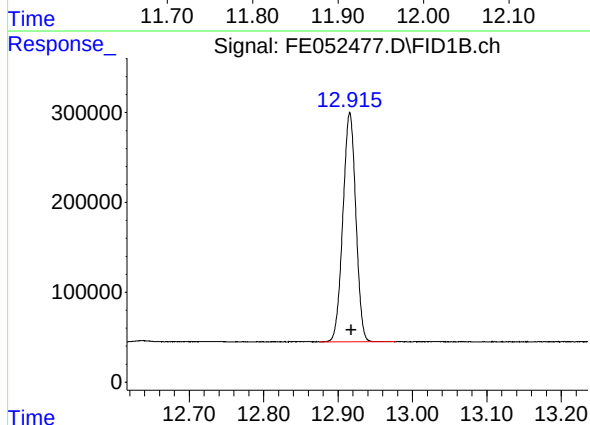
R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 3242684
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

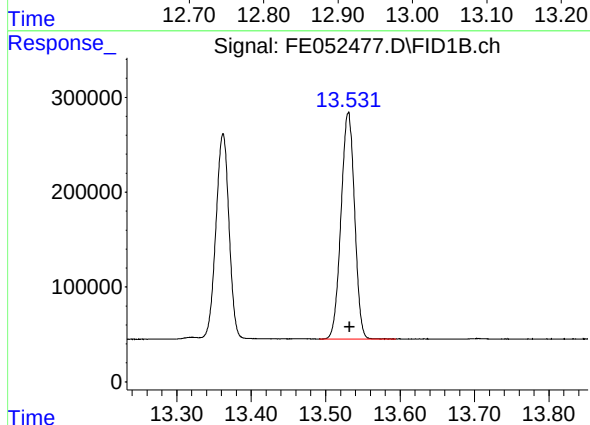
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 3543790
Conc: 18.96 ug/ml

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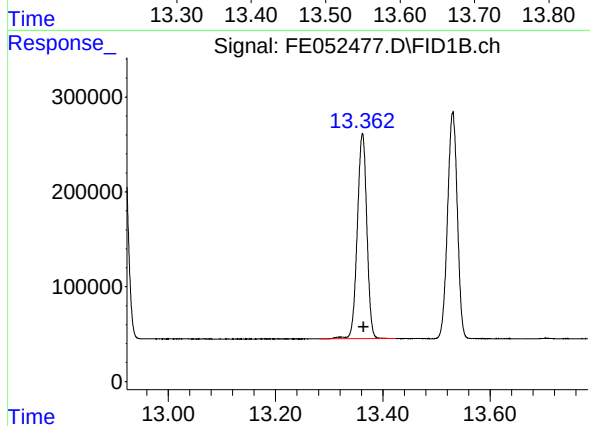
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 3083942
Conc: 19.34 ug/ml



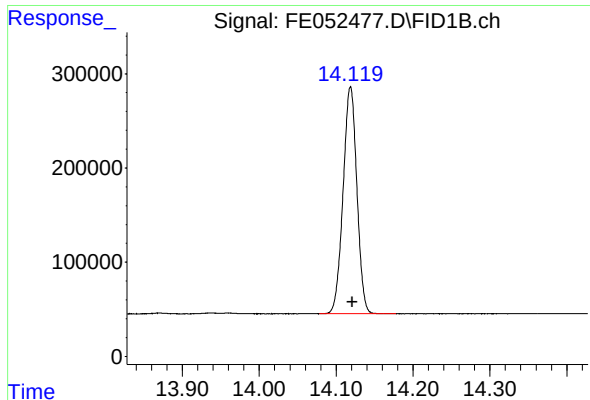
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 3020059
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

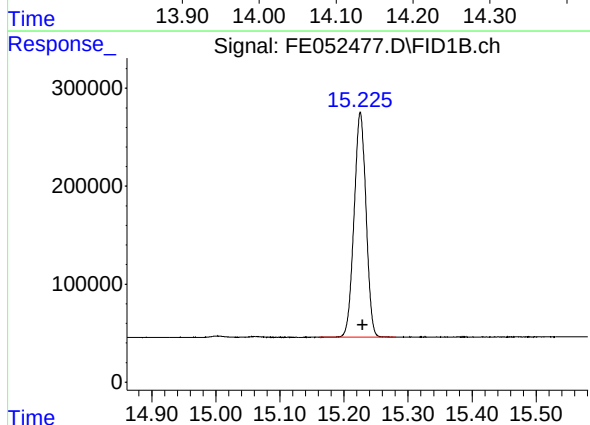
R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 2674034
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

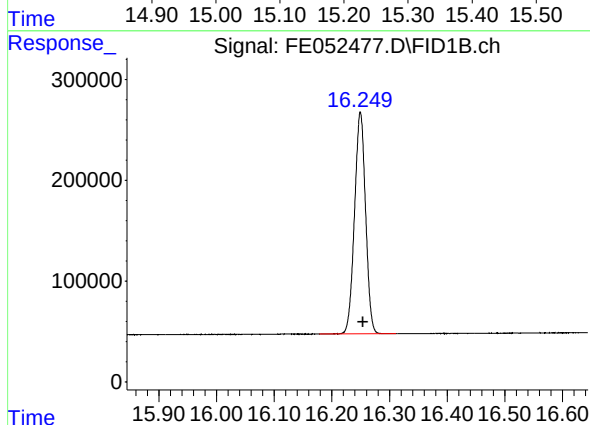
R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 2994183
Conc: 19.13 ug/ml

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20 PPM ALIPHATIC HC STD



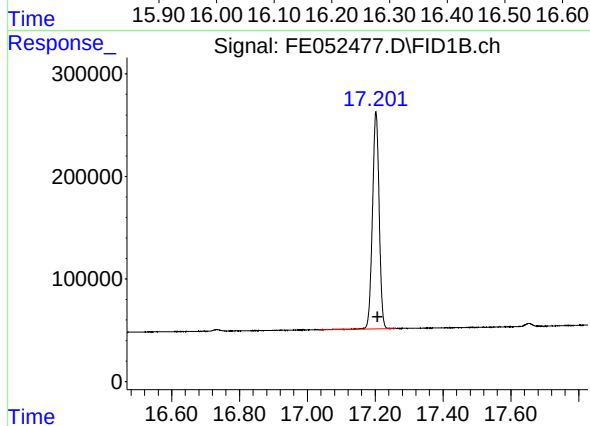
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.004 min
Response: 2976551
Conc: 18.93 ug/ml



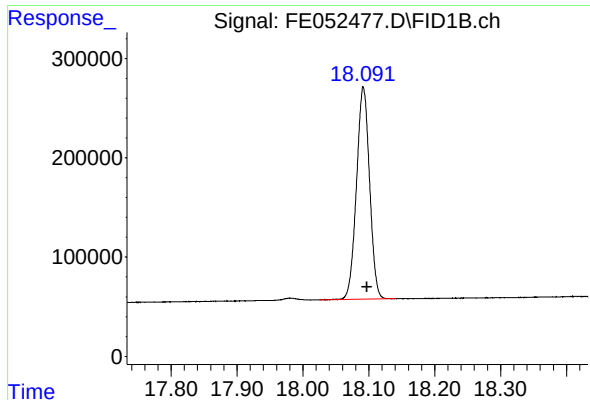
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 2928282
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

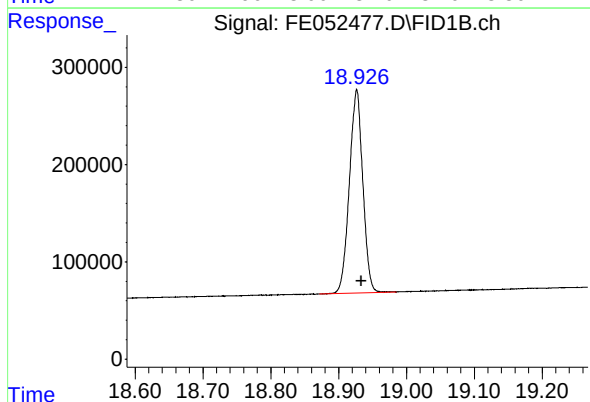
R.T.: 17.202 min
Delta R.T.: -0.005 min
Response: 2894840
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

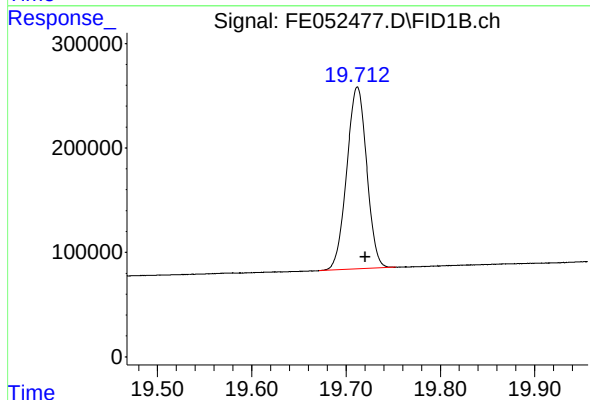
R.T.: 18.092 min
Delta R.T.: -0.006 min
Response: 2954767
Conc: 18.93 ug/ml

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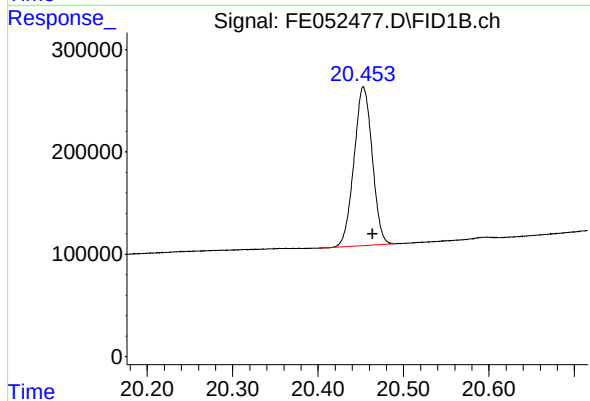
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 2872990
Conc: 18.78 ug/ml



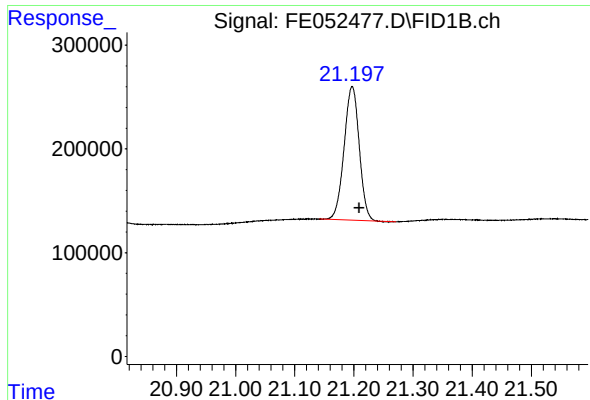
#19 n-Tetatriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.009 min
Response: 2565029
Conc: 18.03 ug/ml



#20 n-Hexatriacontane (C36)

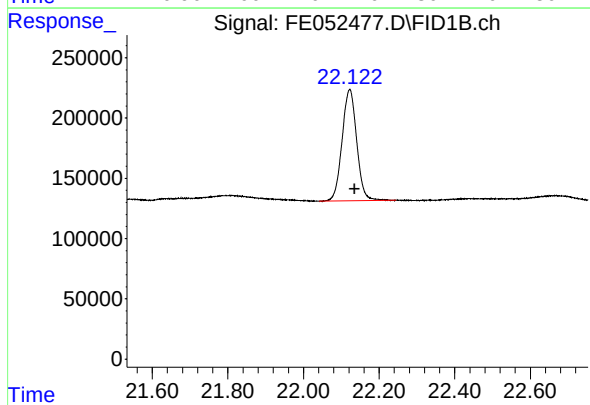
R.T.: 20.453 min
Delta R.T.: -0.010 min
Response: 2294108
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.012 min
Response: 2294863
Conc: 21.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.013 min
Response: 2481523
Conc: 24.67 ug/ml