

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052752.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 02:38
 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: Mar 12 03:14:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	3278340	19.446 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.356	2463678	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.248	3048588	19.662 ug/ml
2) T n-Decane (C10)	4.510	3206972	20.414 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3423348	20.186 ug/ml
4) T n-Dodecane (C12)	6.691	3182576	20.441 ug/ml
5) T A~2-methylnaphthalene...	7.326	3278727	20.232 ug/ml
6) T n-Tetradecane (C14)	8.528	3073701	20.314 ug/ml
7) T n-Hexadecane (C16)	10.144	3104362	20.305 ug/ml
8) T n-Octadecane (C18)	11.594	3062454	20.129 ug/ml
10) T n-Eicosane (C20)	12.909	2903914	20.003 ug/ml
11) T n-Heneicosane (C21)	13.523	2841685	19.966 ug/ml
13) T n-Docosane (C22)	14.111	2828206	19.874 ug/ml
14) T n-Tetracosane (C24)	15.218	2835130	19.811 ug/ml
15) T n-Hexacosane (C26)	16.241	2813467	19.786 ug/ml
16) T n-Octacosane (C28)	17.194	2857370	20.095 ug/ml
17) T n-Tricontane (C30)	18.084	3059290	20.713 ug/ml
18) T n-Dotriacontane (C32)	18.918	3086074	21.257 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2789318	20.695 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2471557	20.800 ug/ml
21) T n-Octatriacontane (C38)	21.188	2413692	21.757 ug/ml
22) T n-Tetracontane (C40)	22.110	2435352	22.525 ug/ml

(f)=RT Delta > 1/2 Window

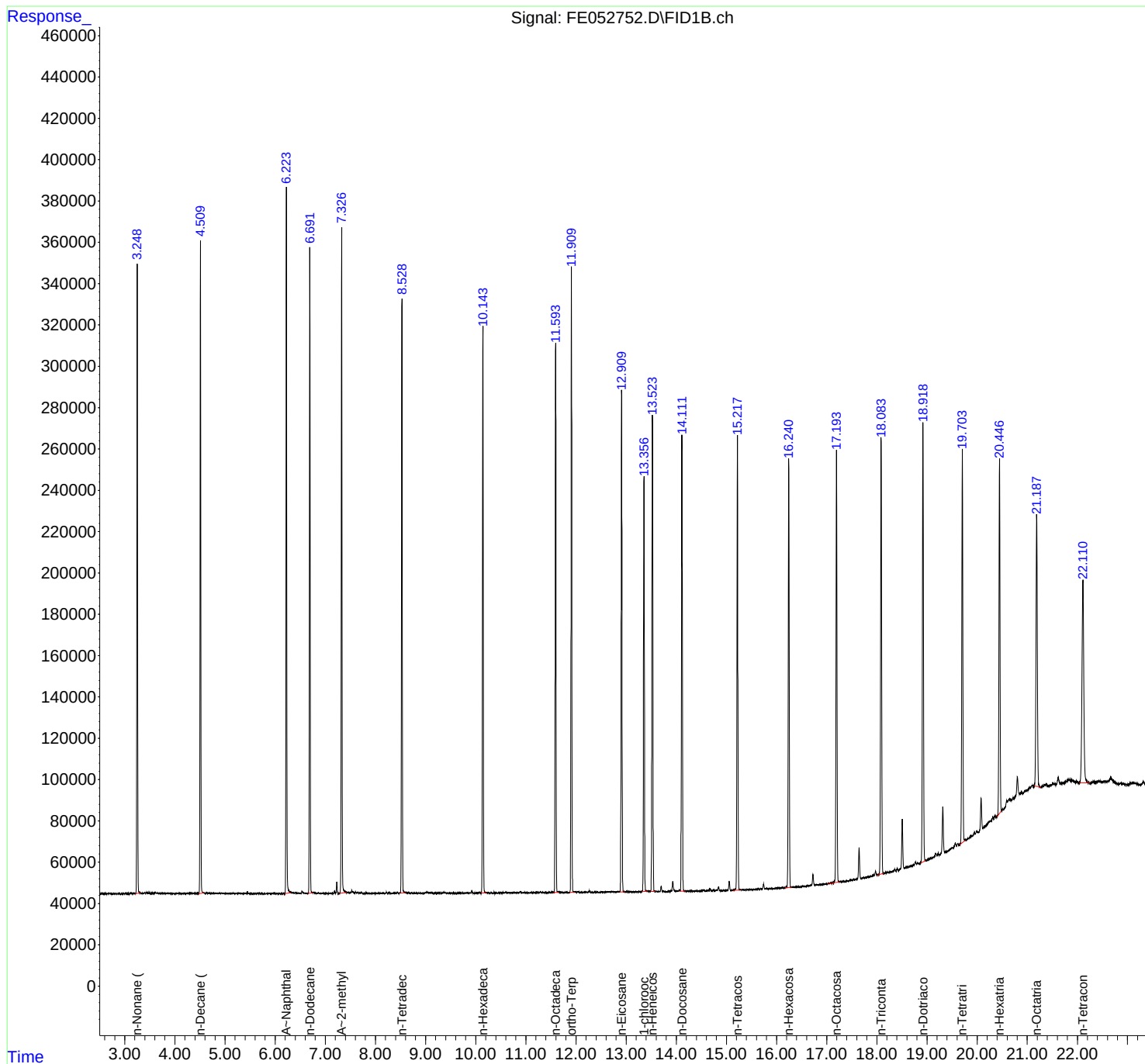
(m)=manual int.

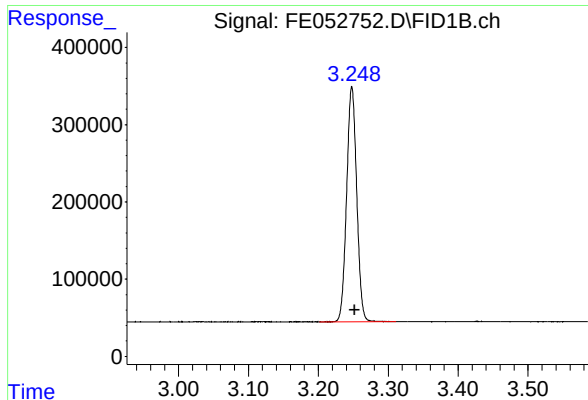
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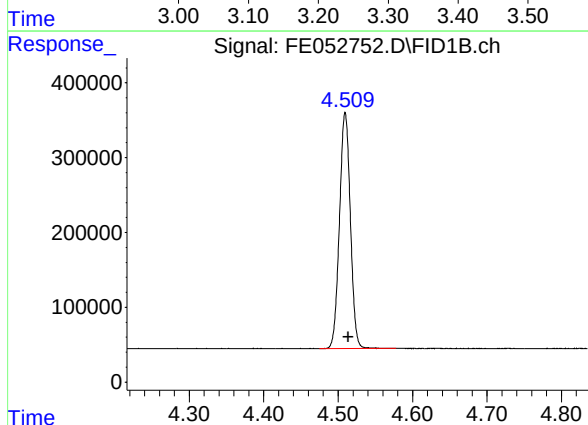




#1 n-Nonane (C9)

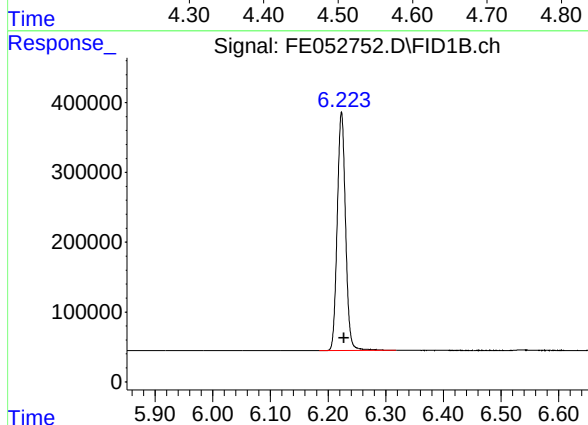
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 3048588
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



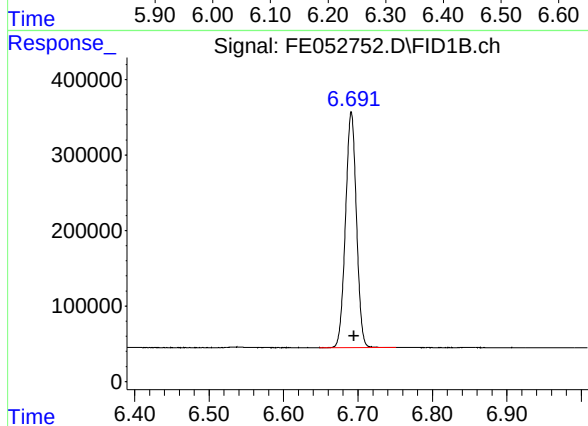
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 3206972
Conc: 20.41 ug/ml



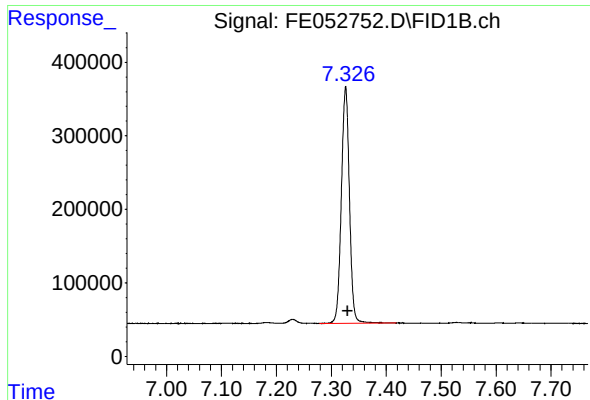
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3423348
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

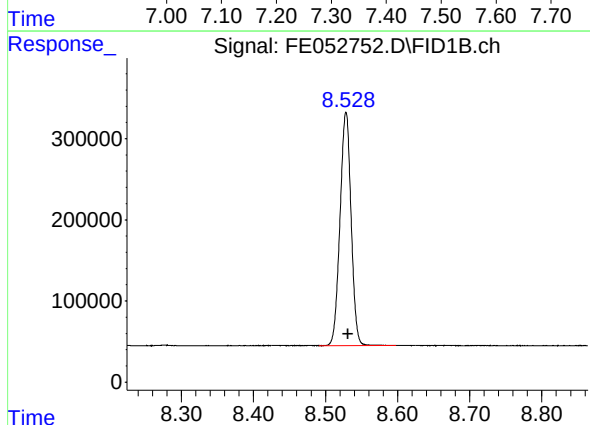
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3182576
Conc: 20.44 ug/ml



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

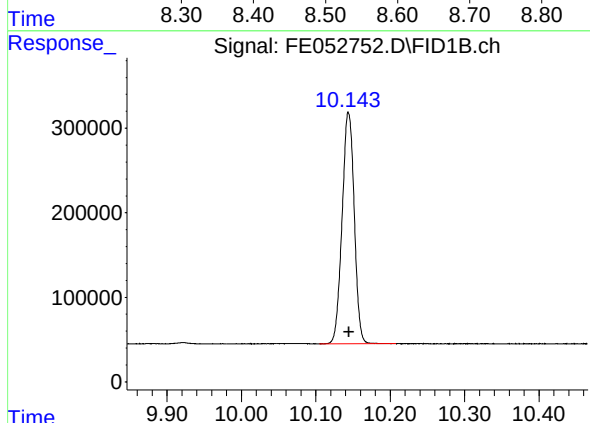
R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3278727
Conc: 20.23 ug/ml

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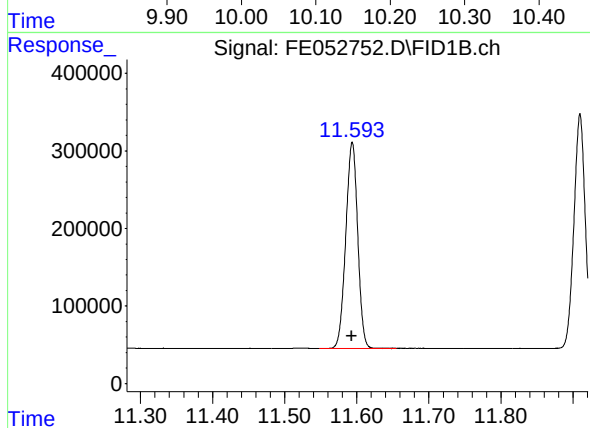
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 3073701
Conc: 20.31 ug/ml



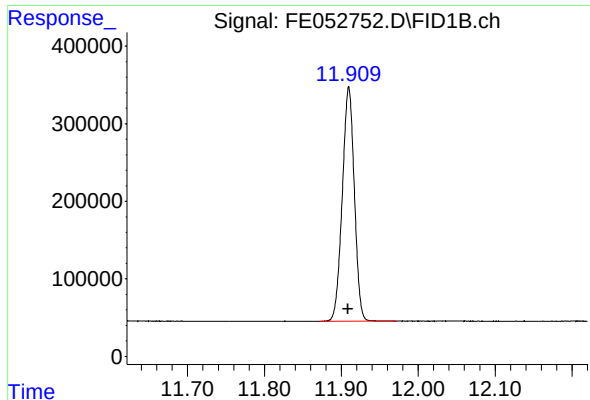
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3104362
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

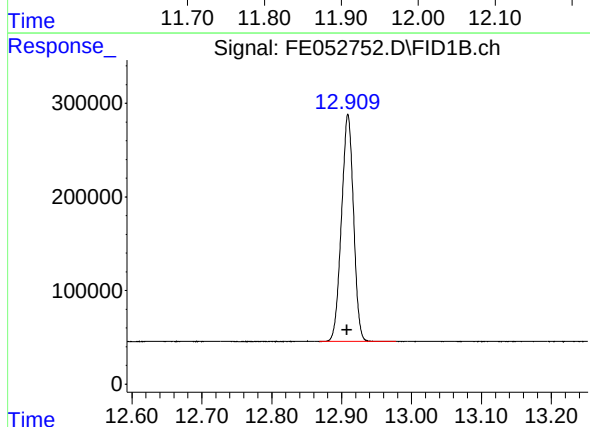
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 3062454
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

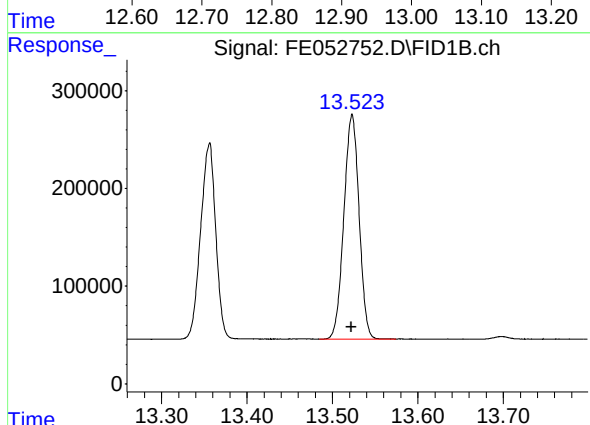
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 3278340
Conc: 19.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



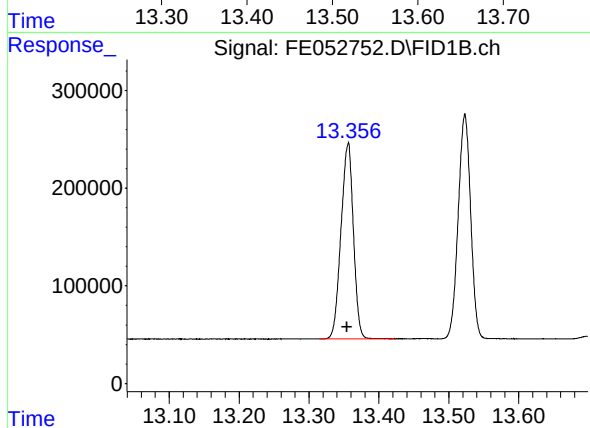
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 2903914
Conc: 20.00 ug/ml



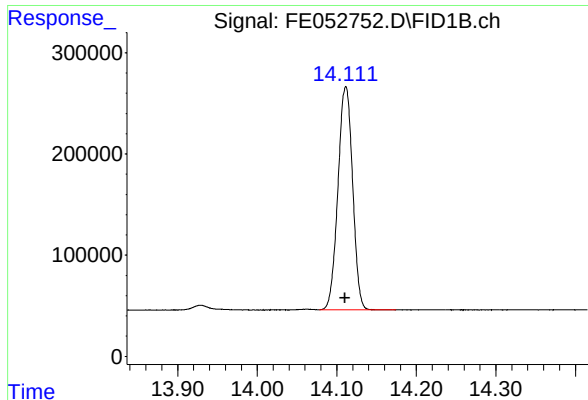
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2841685
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

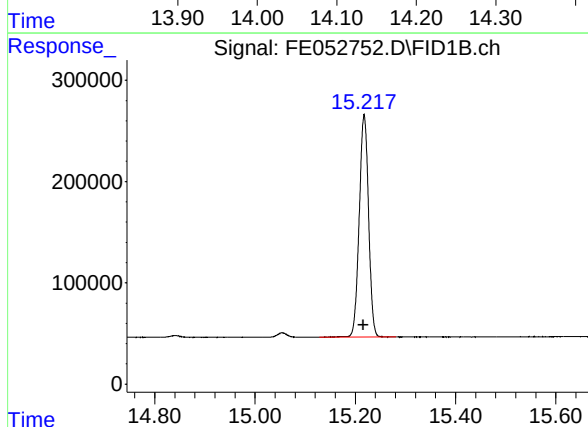
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2463678
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

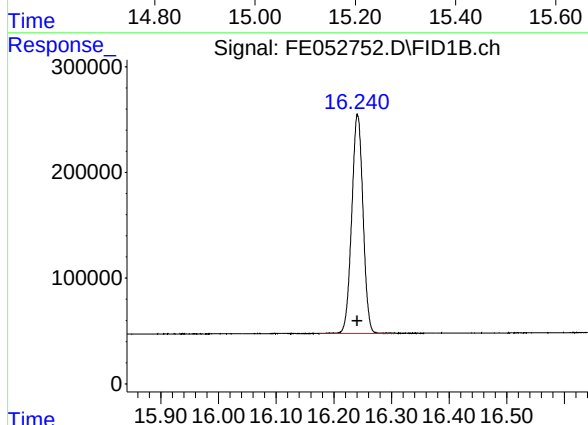
R.T.: 14.111 min
Delta R.T.: 0.001 min
Response: 2828206
Conc: 19.87 ug/ml

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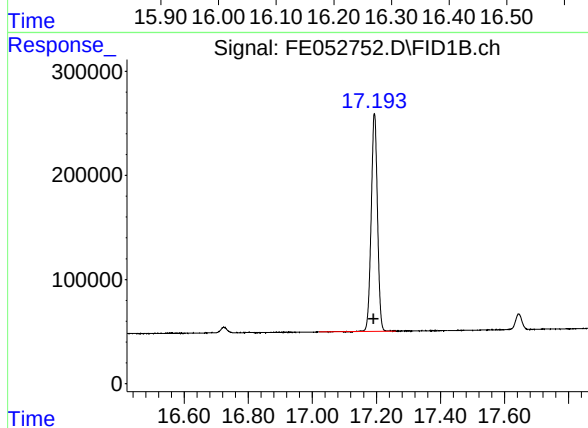
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2835130
Conc: 19.81 ug/ml



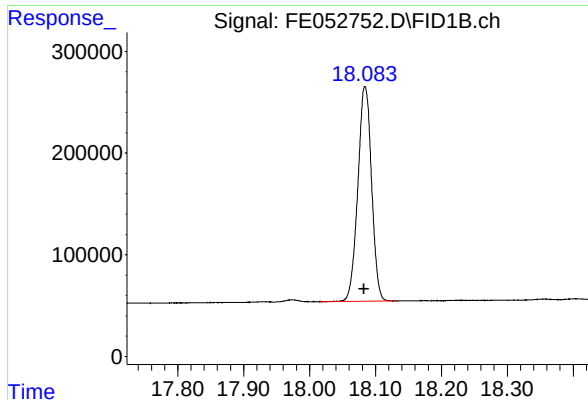
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2813467
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

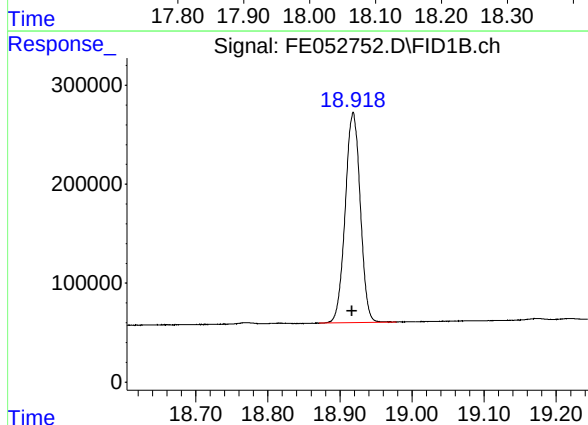
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 2857370
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

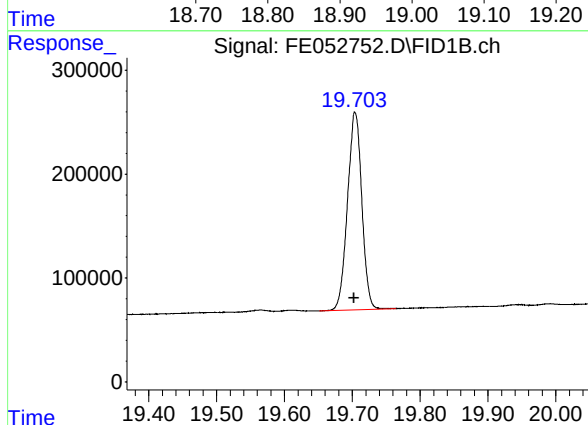
R.T.: 18.084 min
Delta R.T.: 0.002 min
Response: 3059290
Conc: 20.71 ug/ml

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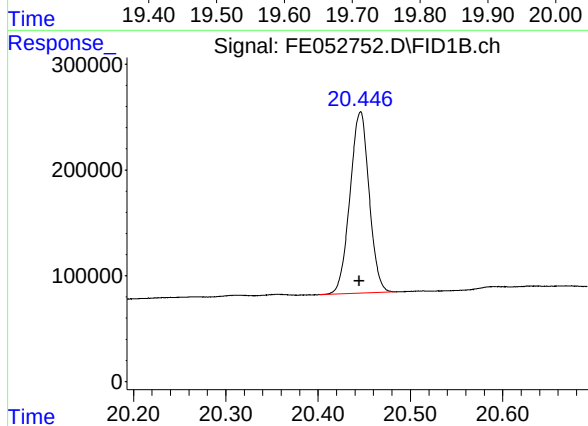
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 3086074
Conc: 21.26 ug/ml



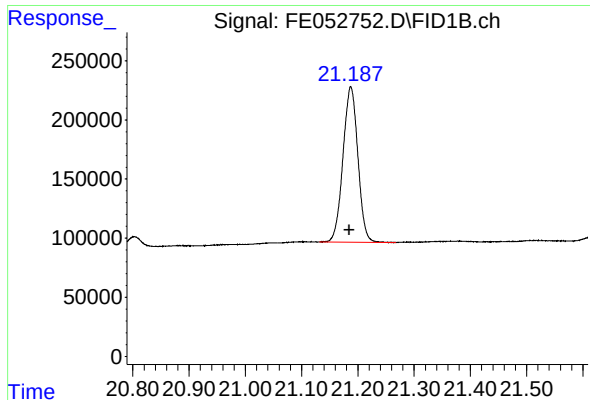
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 2789318
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

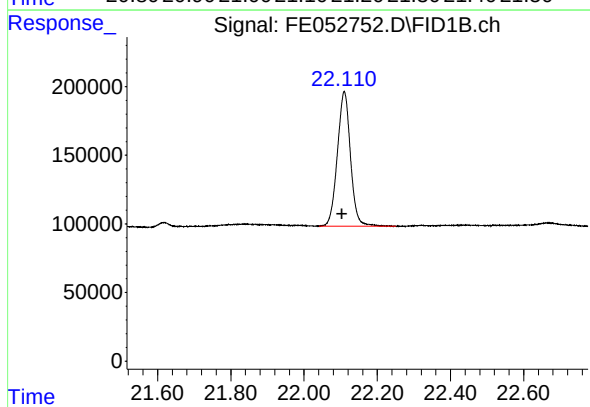
R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 2471557
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.003 min
Response: 2413692
Conc: 21.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.006 min
Response: 2435352
Conc: 22.53 ug/ml