

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052796.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 08:49
 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 14 23:27:27 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)	11.907	3087472	18.314 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.352	2320380	19.109 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.248	2894697	18.669 ug/ml
2) T n-Decane (C10)	4.510	2998017	19.084 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3221009	18.993 ug/ml
4) T n-Dodecane (C12)	6.691	2963497	19.033 ug/ml
5) T A~2-methylnaphthalene...	7.326	3080924	19.011 ug/ml
6) T n-Tetradecane (C14)	8.528	2882211	19.048 ug/ml
7) T n-Hexadecane (C16)	10.142	2924204	19.127 ug/ml
8) T n-Octadecane (C18)	11.591	2894766	19.027 ug/ml
10) T n-Eicosane (C20)	12.906	2749640	18.940 ug/ml
11) T n-Heneicosane (C21)	13.520	2685975	18.872 ug/ml
13) T n-Docosane (C22)	14.108	2691071	18.910 ug/ml
14) T n-Tetracosane (C24)	15.214	2740606	19.151 ug/ml
15) T n-Hexacosane (C26)	16.239	2736325	19.244 ug/ml
16) T n-Octacosane (C28)	17.191	2816585	19.808 ug/ml
17) T n-Tricontane (C30)	18.082	3016852	20.425 ug/ml
18) T n-Dotriacontane (C32)	18.916	3029343	20.866 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2699154	20.026 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2376757	20.002 ug/ml
21) T n-Octatriacontane (C38)	21.185	2303616	20.765 ug/ml
22) T n-Tetracontane (C40)	22.105	2235974	20.681 ug/ml

(f)=RT Delta > 1/2 Window

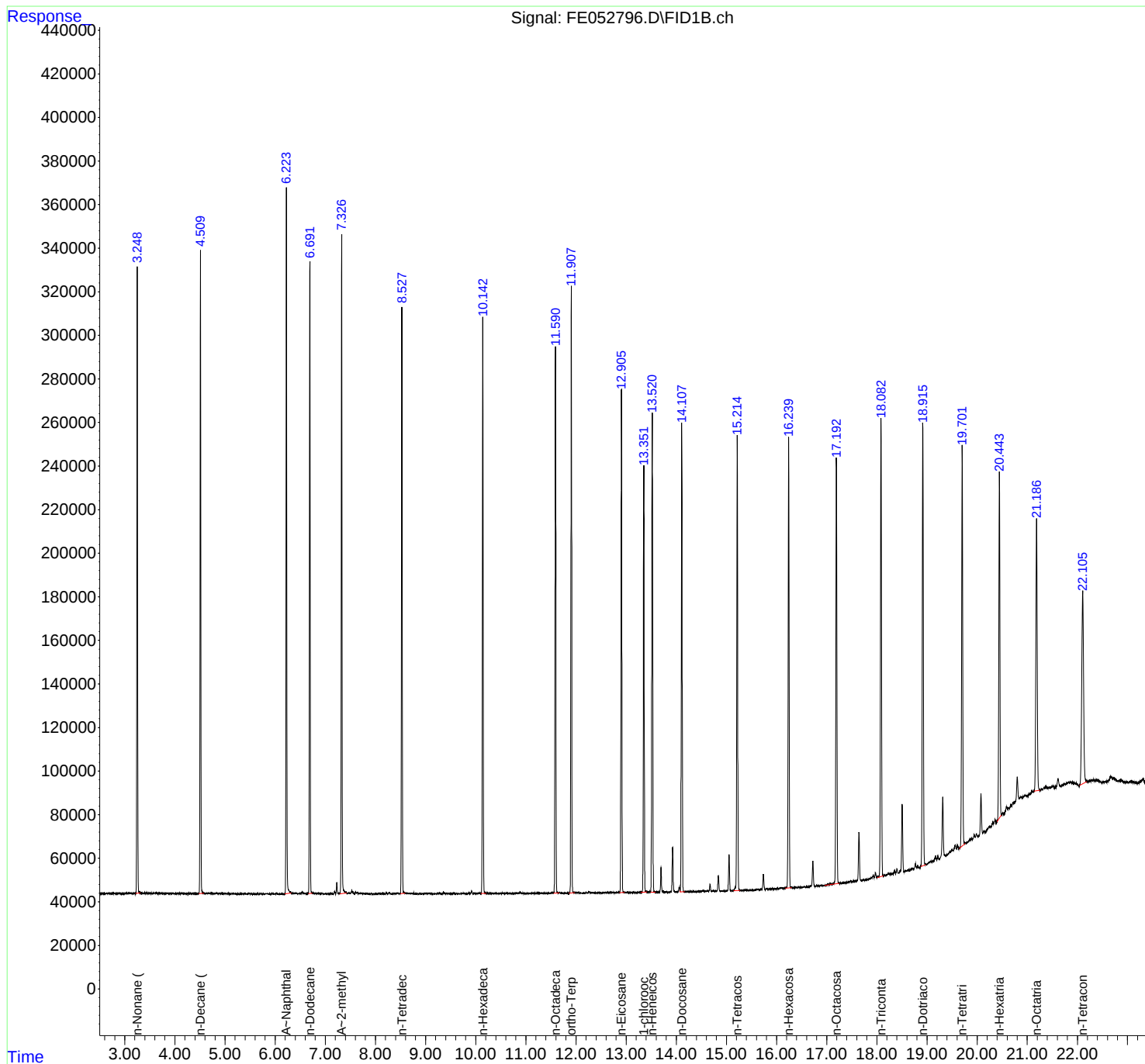
(m)=manual int.

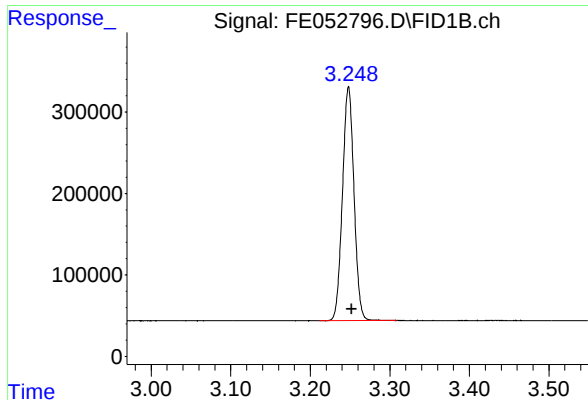
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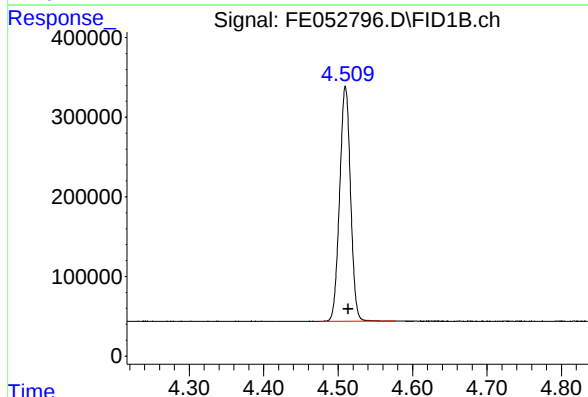




#1 n-Nonane (C9)

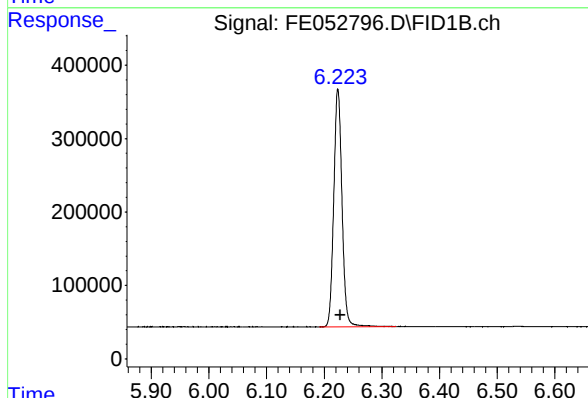
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2894697
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



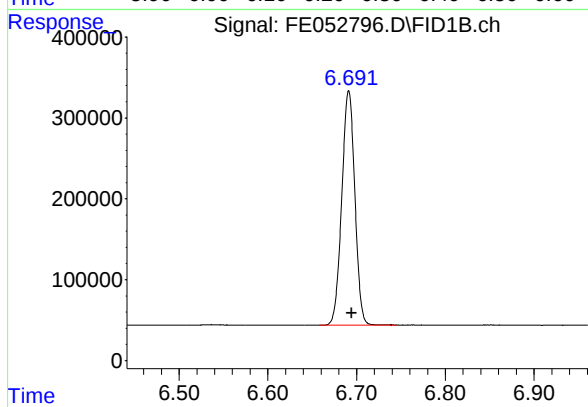
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 2998017
Conc: 19.08 ug/ml



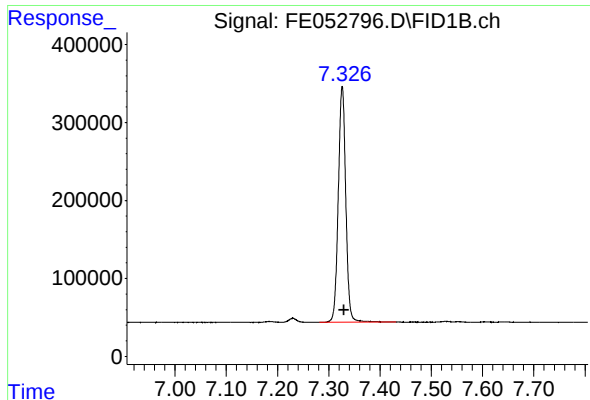
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3221009
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

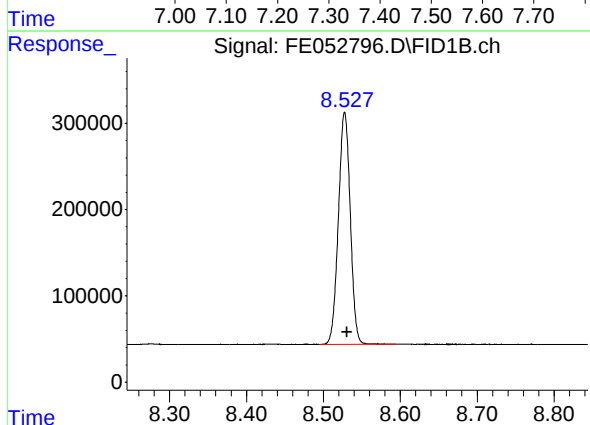
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 2963497
Conc: 19.03 ug/ml



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

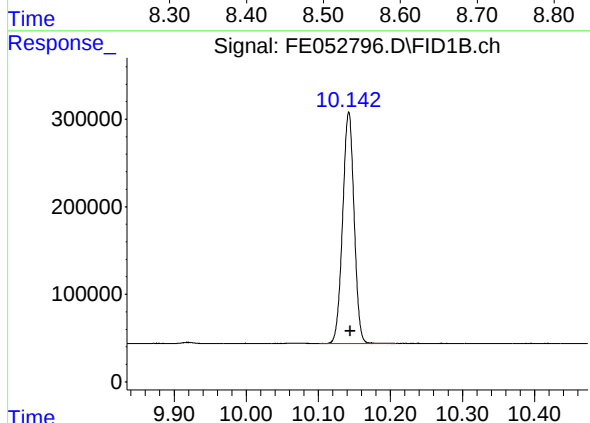
R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3080924
Conc: 19.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



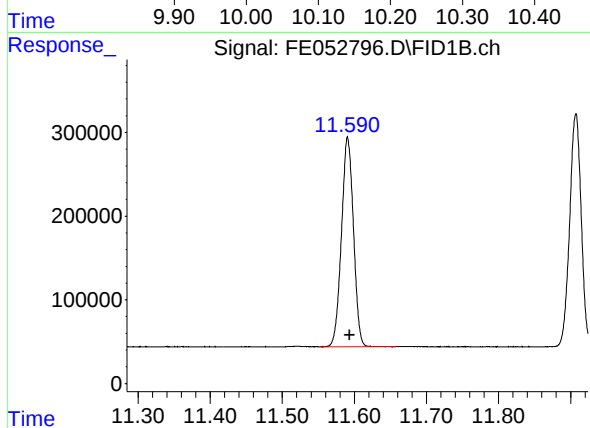
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2882211
Conc: 19.05 ug/ml



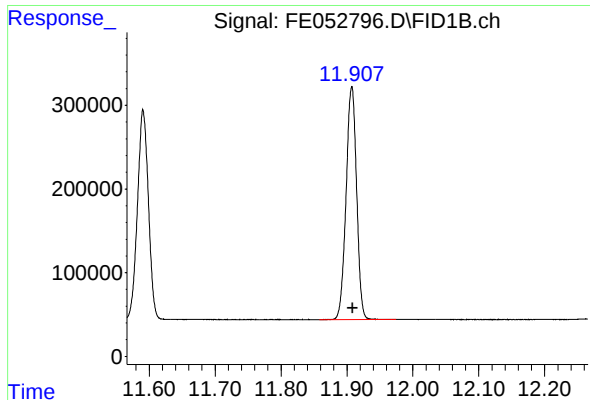
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.002 min
Response: 2924204
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

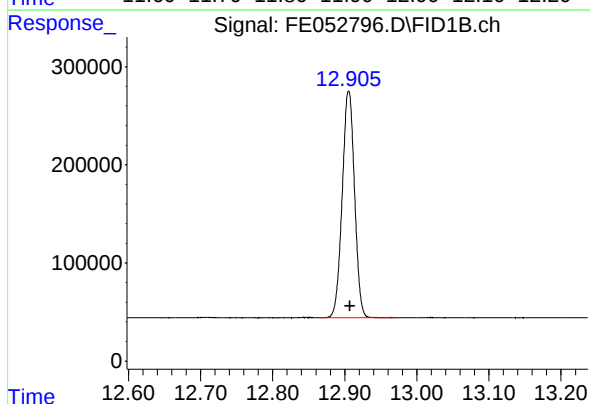
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2894766
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

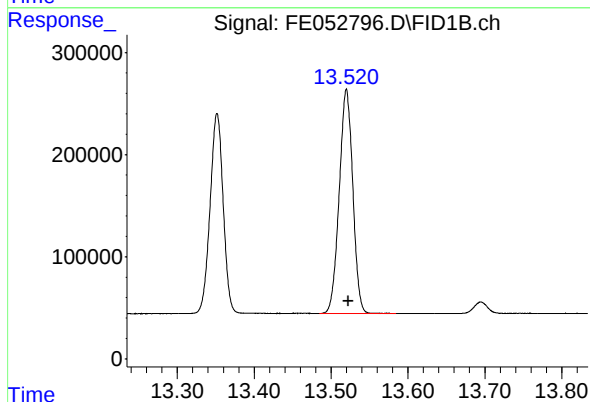
R.T.: 11.907 min
Delta R.T.: -0.001 min
Response: 3087472
Conc: 18.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



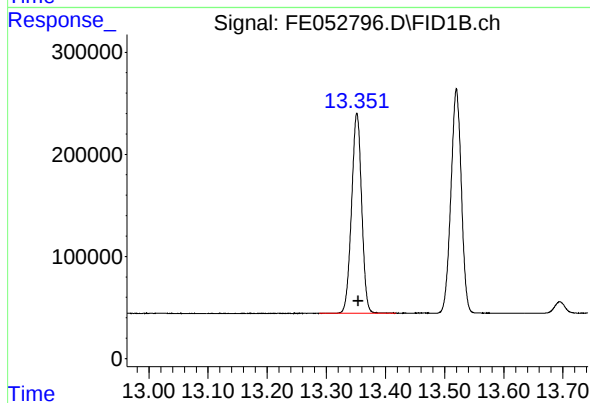
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 2749640
Conc: 18.94 ug/ml



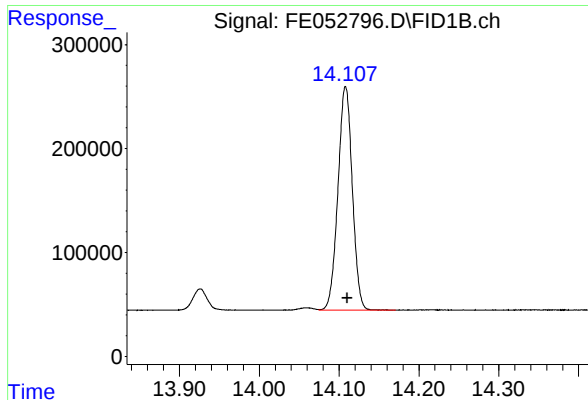
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 2685975
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

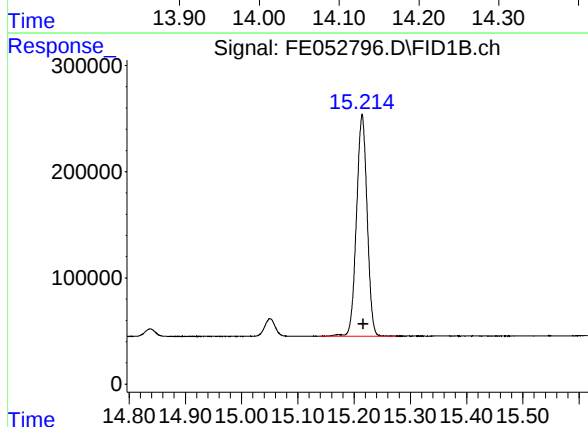
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 2320380
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

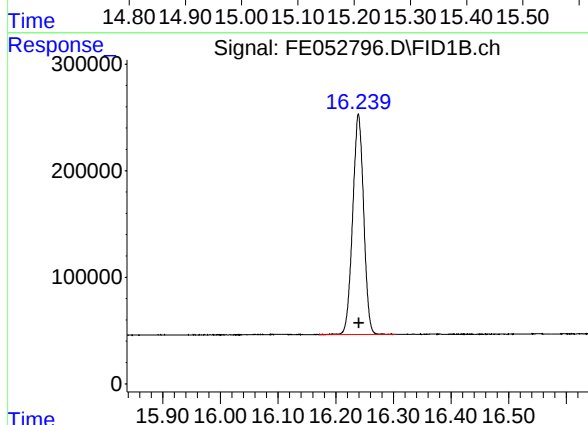
R.T.: 14.108 min
Delta R.T.: -0.002 min
Response: 2691071
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



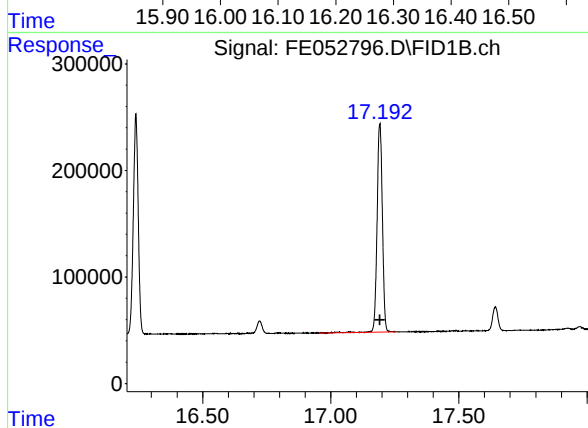
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2740606
Conc: 19.15 ug/ml



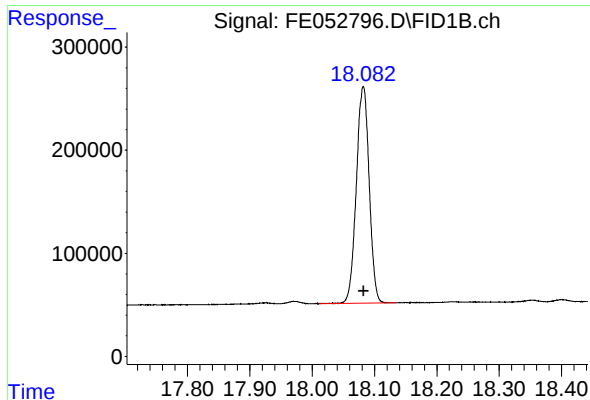
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.001 min
Response: 2736325
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

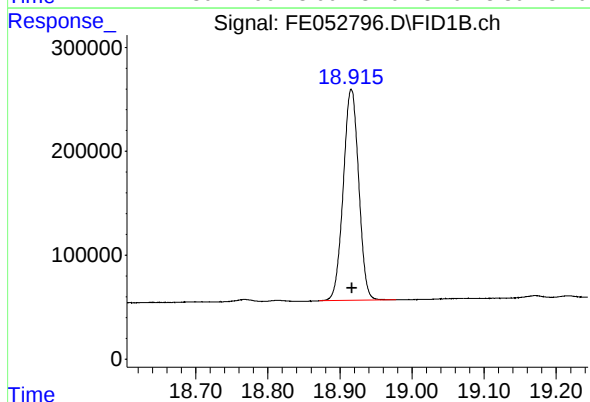
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 2816585
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

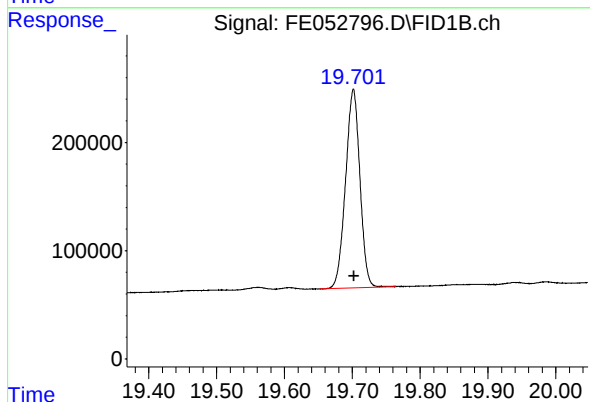
R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 3016852
Conc: 20.43 ug/ml

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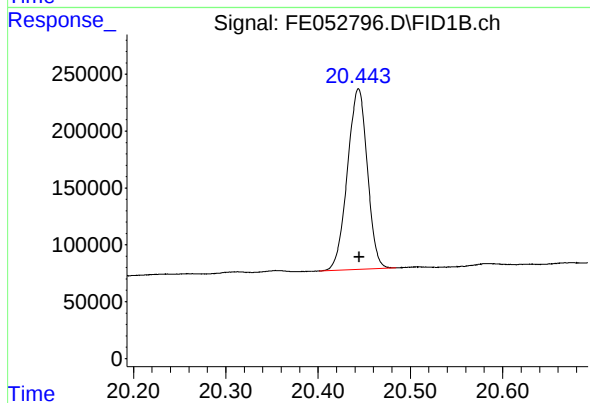
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.001 min
Response: 3029343
Conc: 20.87 ug/ml



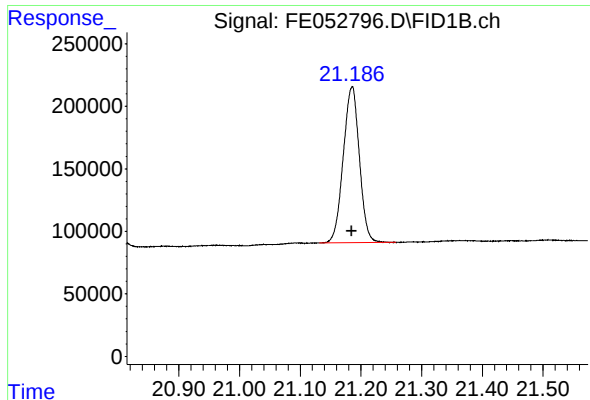
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.001 min
Response: 2699154
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

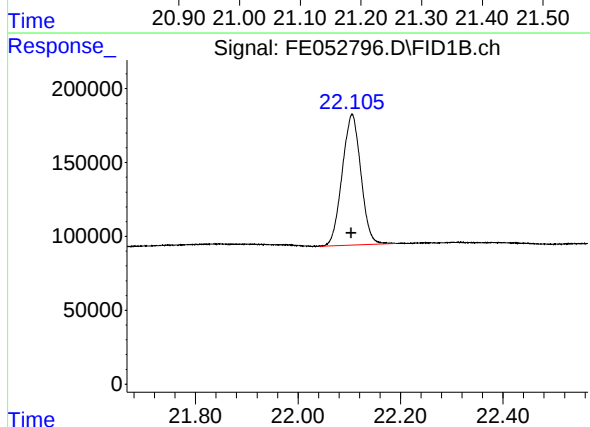
R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 2376757
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 2303616
Conc: 20.77 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.001 min
Response: 2235974
Conc: 20.68 ug/ml