

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
 Data File : FE052852.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2025 07:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 20 01:40:16 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)	11.909	3268125	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.354	2422995	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.248	2987939	19.271 ug/ml
2) T n-Decane (C10)	4.510	3121269	19.869 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3318905	19.570 ug/ml
4) T n-Dodecane (C12)	6.692	3111864	19.986 ug/ml
5) T A~2-methylnaphthalene...	7.328	3184980	19.653 ug/ml
6) T n-Tetradecane (C14)	8.529	3050023	20.158 ug/ml
7) T n-Hexadecane (C16)	10.144	3091599	20.221 ug/ml
8) T n-Octadecane (C18)	11.593	3037356	19.964 ug/ml
10) T n-Eicosane (C20)	12.908	2878340	19.827 ug/ml
11) T n-Heneicosane (C21)	13.522	2802023	19.687 ug/ml
13) T n-Docosane (C22)	14.110	2813718	19.772 ug/ml
14) T n-Tetracosane (C24)	15.217	2889964	20.194 ug/ml
15) T n-Hexacosane (C26)	16.241	2903230	20.417 ug/ml
16) T n-Octacosane (C28)	17.194	3014076	21.197 ug/ml
17) T n-Tricontane (C30)	18.084	3292357	22.291 ug/ml
18) T n-Dotriacontane (C32)	18.918	3334276	22.967 ug/ml
19) T n-Tetratriacontane (C34)	19.705	3079903	22.851 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2684158	22.589 ug/ml
21) T n-Octatriacontane (C38)	21.189	2481526	22.369 ug/ml
22) T n-Tetracontane (C40)	22.111	2382750	22.039 ug/ml

(f)=RT Delta > 1/2 Window

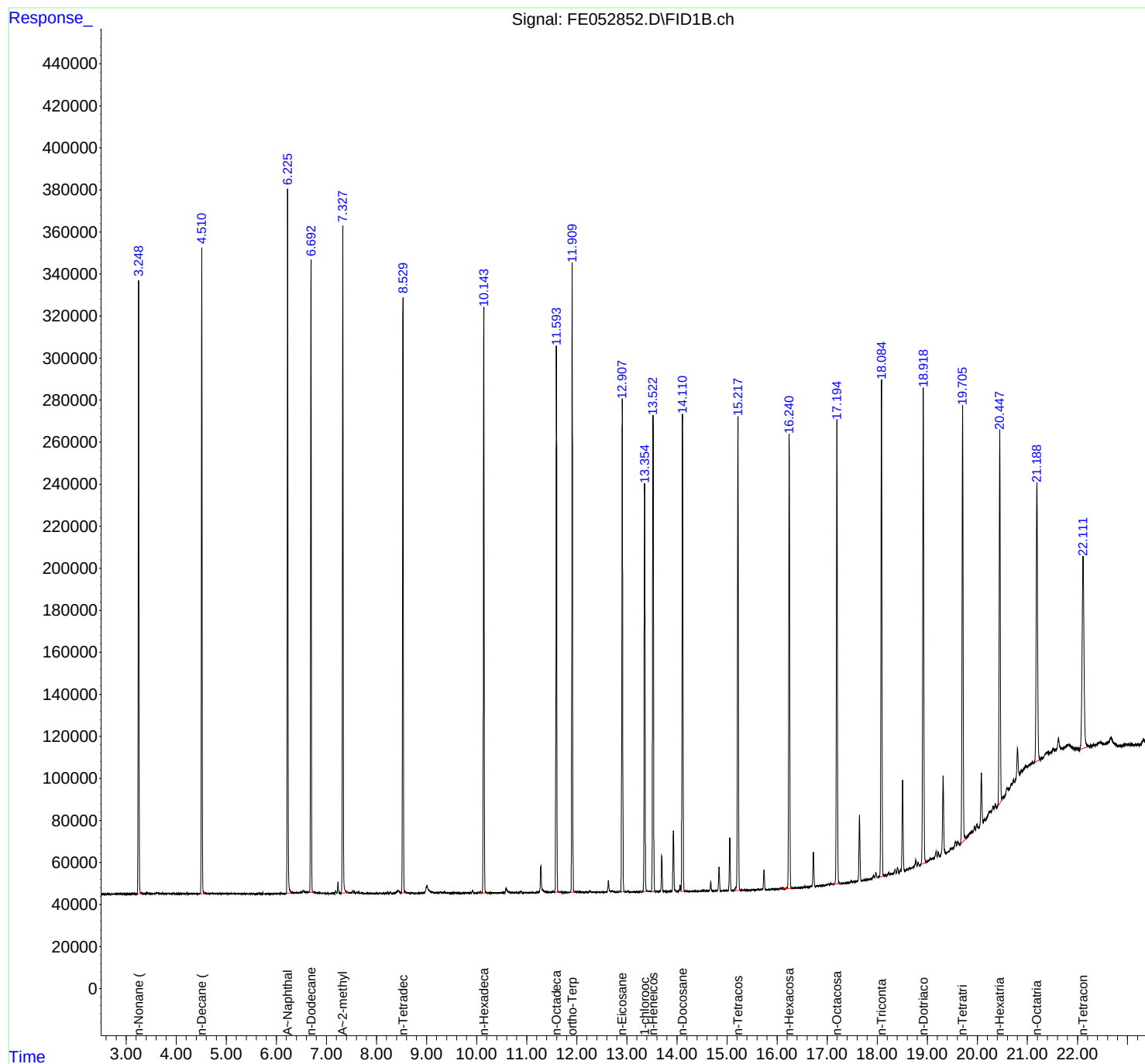
(m)=manual int.

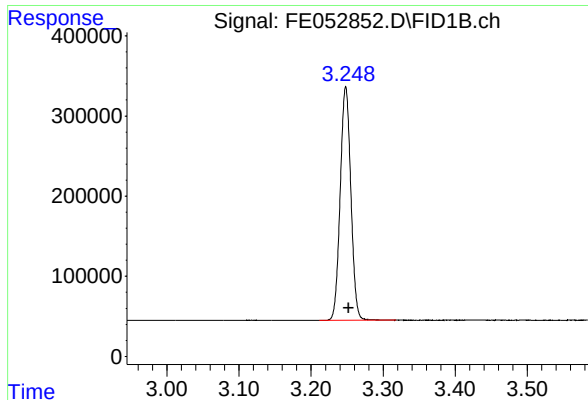
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
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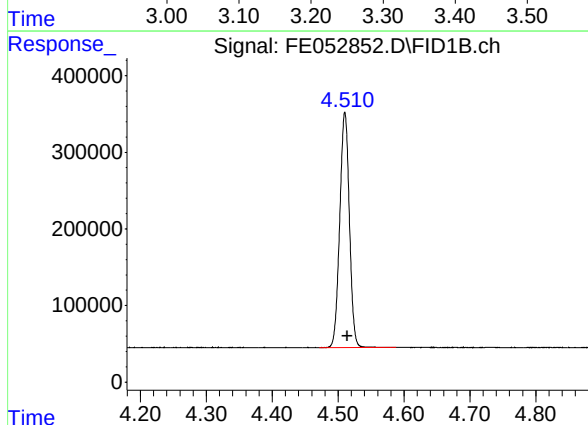




#1 n-Nonane (C9)

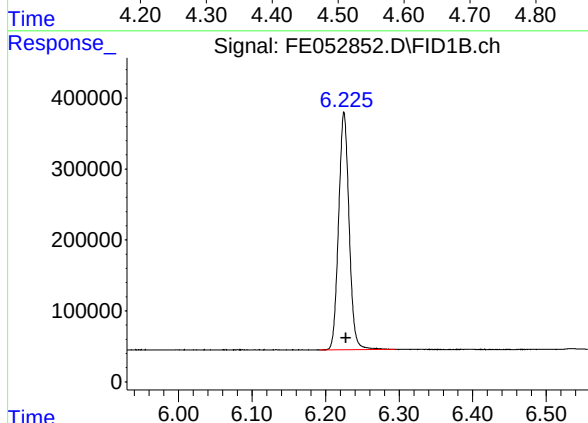
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2987939
Conc: 19.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



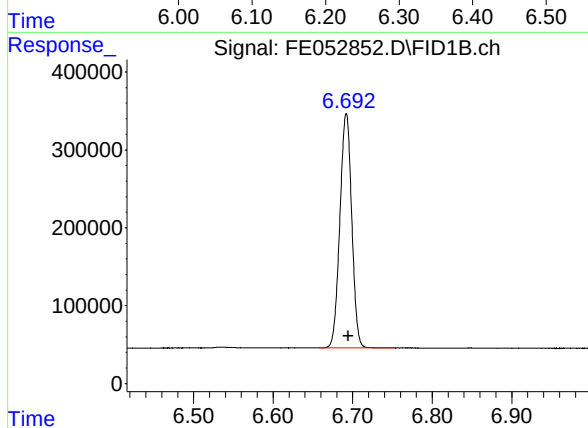
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.003 min
Response: 3121269
Conc: 19.87 ug/ml



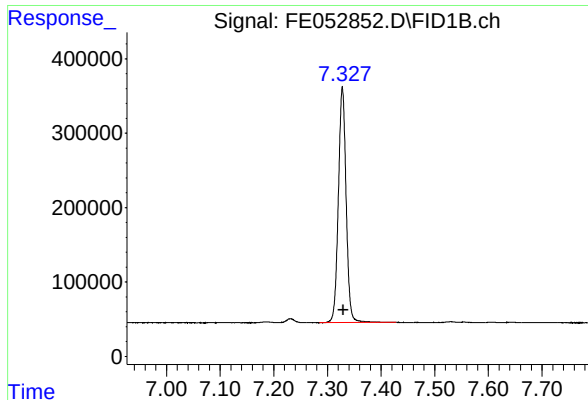
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 3318905
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

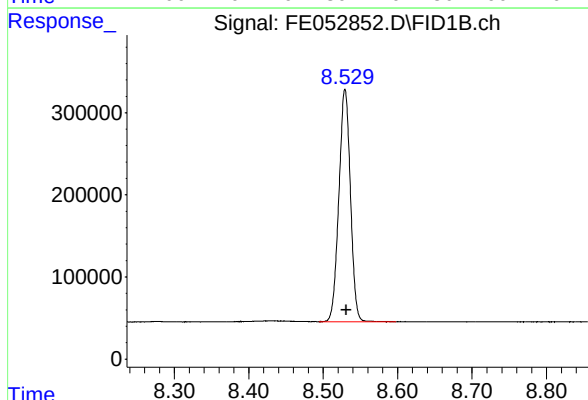
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 3111864
Conc: 19.99 ug/ml



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

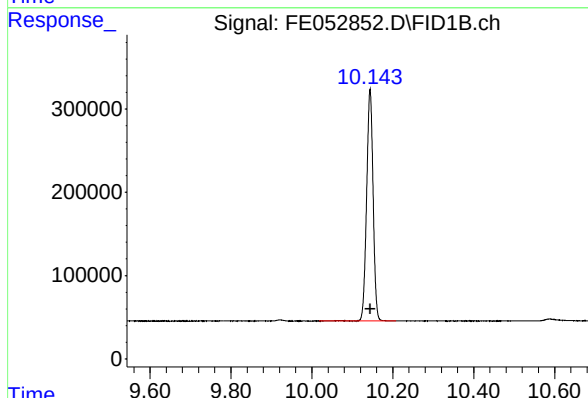
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 3184980
Conc: 19.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



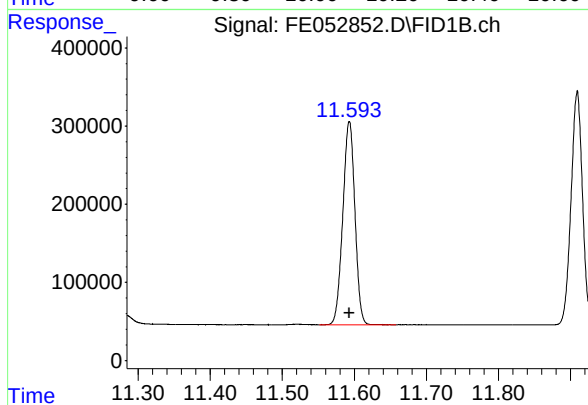
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.001 min
Response: 3050023
Conc: 20.16 ug/ml



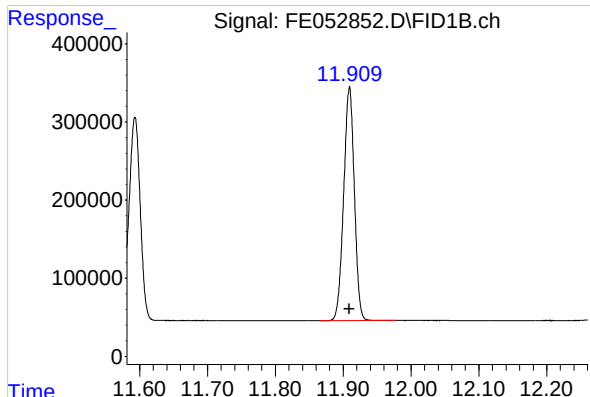
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3091599
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

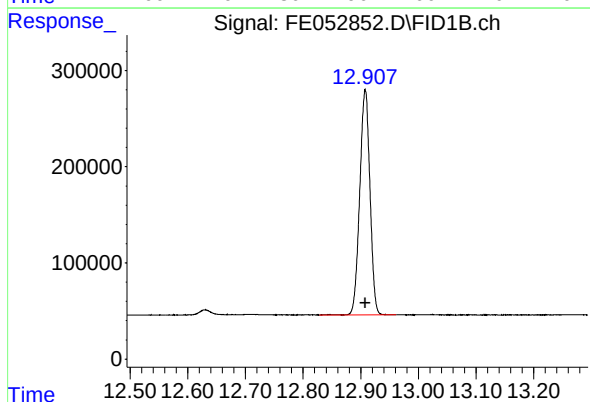
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 3037356
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

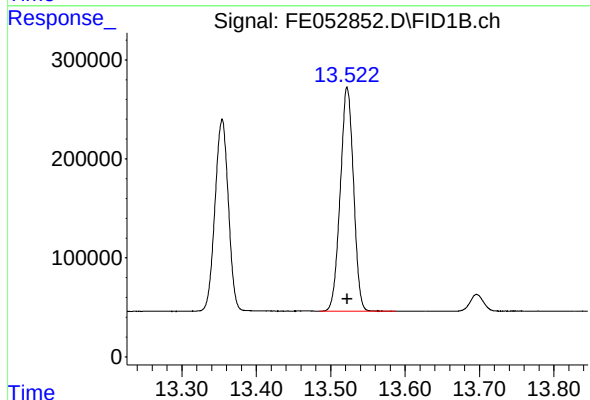
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 3268125
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



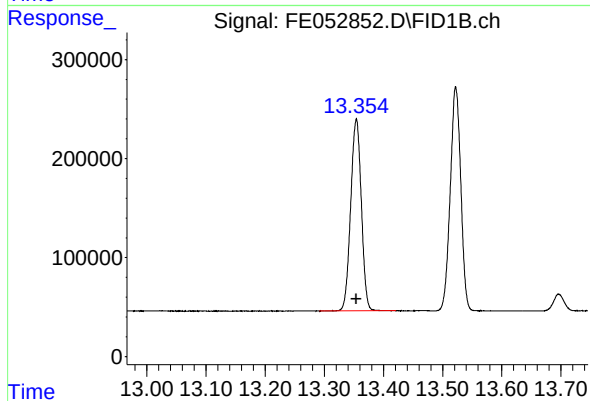
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2878340
Conc: 19.83 ug/ml



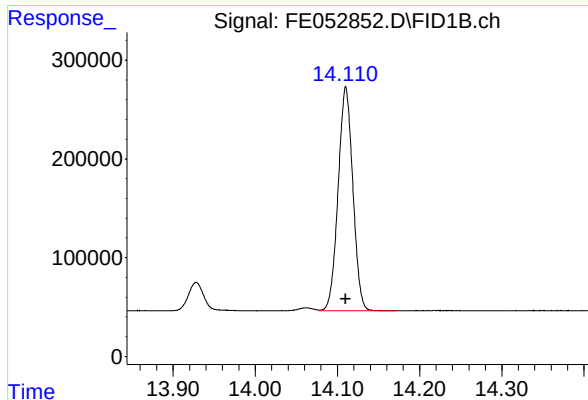
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2802023
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

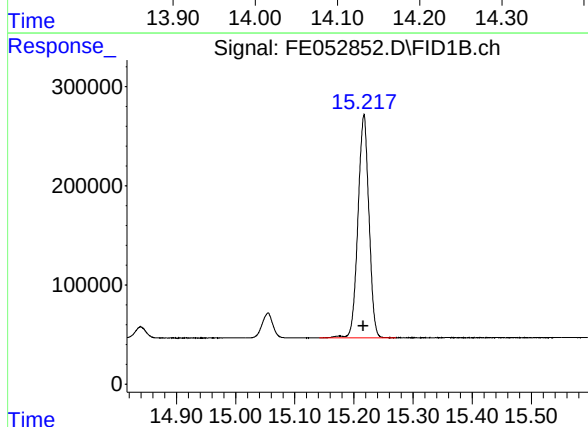
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2422995
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

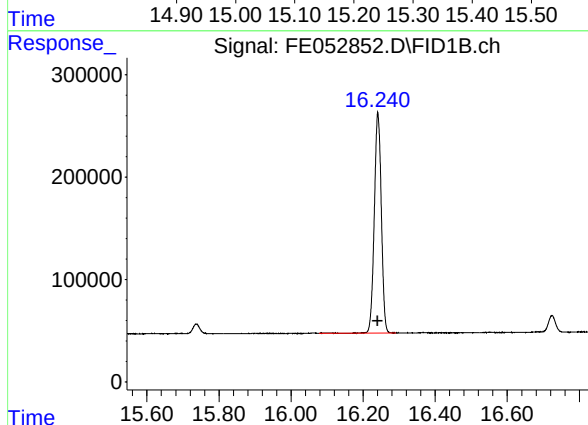
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 2813718
Conc: 19.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



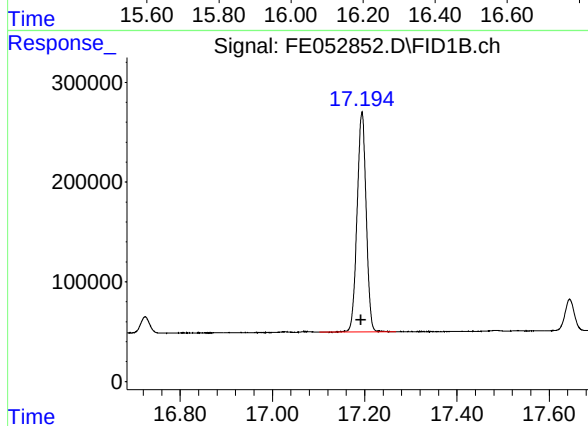
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2889964
Conc: 20.19 ug/ml



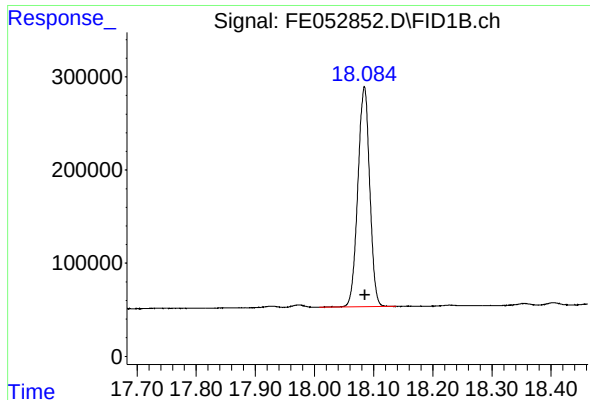
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2903230
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

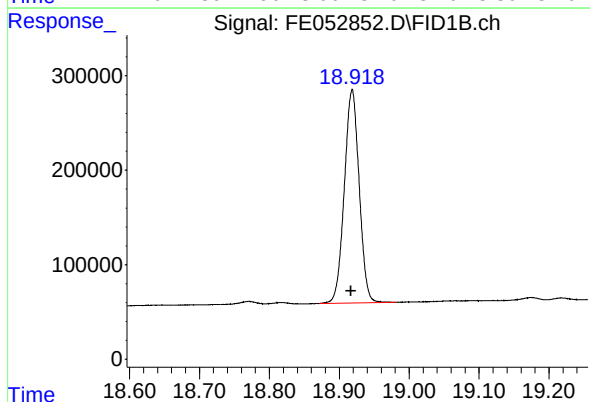
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 3014076
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

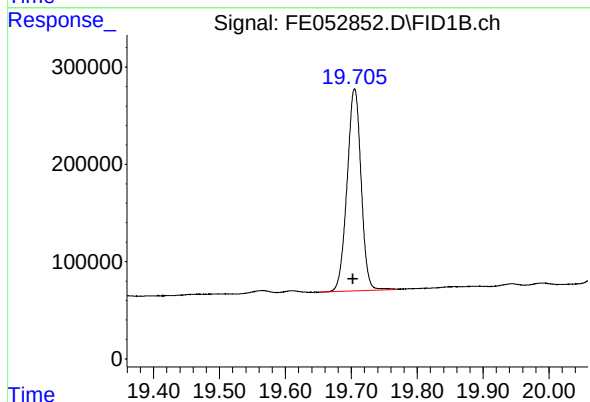
R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 3292357
Conc: 22.29 ug/ml

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20 PPM ALIPHATIC HC STD



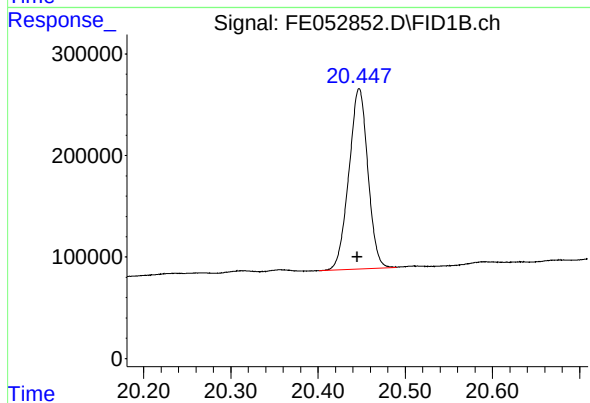
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 3334276
Conc: 22.97 ug/ml



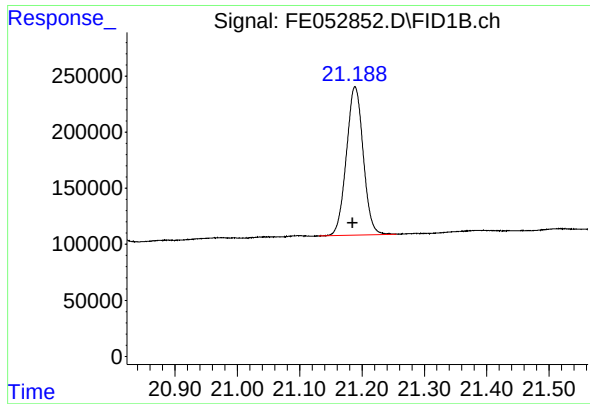
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.002 min
Response: 3079903
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

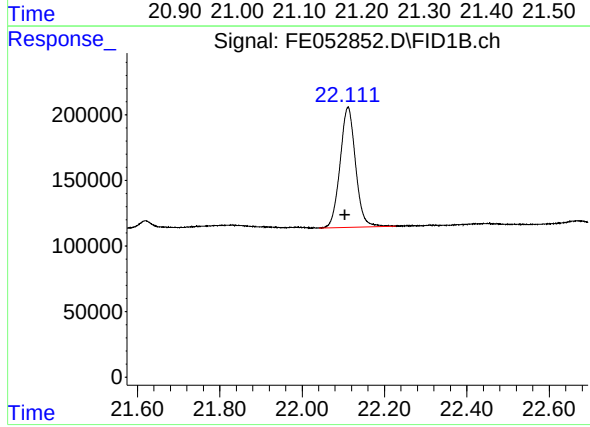
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2684158
Conc: 22.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 2481526
Conc: 22.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.007 min
Response: 2382750
Conc: 22.04 ug/ml