

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
 Data File : FE054186.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2025 09:33
 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: Jun 05 11:38:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.837	3125569	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.282	2366629	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.184	2203636	16.305 ug/ml
2) T n-Decane (C10)	4.447	2272080	16.814 ug/ml
3) T A~Naphthalene (C11.7)	6.163	2546138	17.717 ug/ml
4) T n-Dodecane (C12)	6.629	2392737	17.541 ug/ml
5) T A~2-methylnaphthalene...	7.265	2512377	18.113 ug/ml
6) T n-Tetradecane (C14)	8.464	2439167	18.075 ug/ml
7) T n-Hexadecane (C16)	10.076	2525656	18.718 ug/ml
8) T n-Octadecane (C18)	11.523	2576966	19.137 ug/ml
10) T n-Eicosane (C20)	12.836	2565342	19.519 ug/ml
11) T n-Heneicosane (C21)	13.450	2550658	19.674 ug/ml
13) T n-Docosane (C22)	14.037	2553608	20.016 ug/ml
14) T n-Tetracosane (C24)	15.143	2593935	20.732 ug/ml
15) T n-Hexacosane (C26)	16.166	2562727	20.928 ug/ml
16) T n-Octacosane (C28)	17.118	2552922	21.001 ug/ml
17) T n-Tricontane (C30)	18.007	2606925	20.928 ug/ml
18) T n-Dotriacontane (C32)	18.842	2577916	20.614 ug/ml
19) T n-Tetratriacontane (C34)	19.626	2373757	19.927 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2211168	19.097 ug/ml
21) T n-Octatriacontane (C38)	21.095	1992976	18.313 ug/ml
22) T n-Tetracontane (C40)	21.988	1935188	19.502 ug/ml

(f)=RT Delta > 1/2 Window

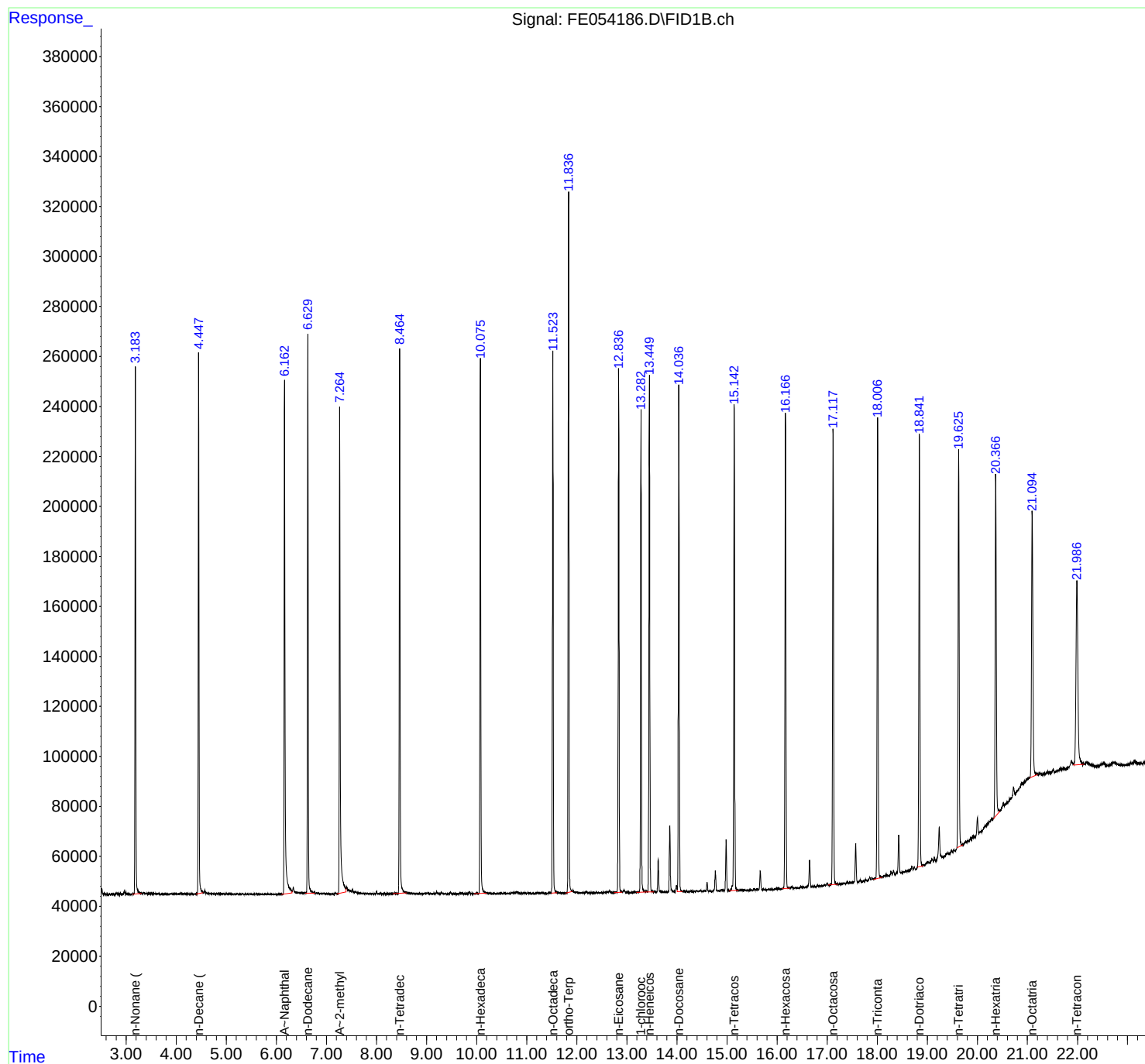
(m)=manual int.

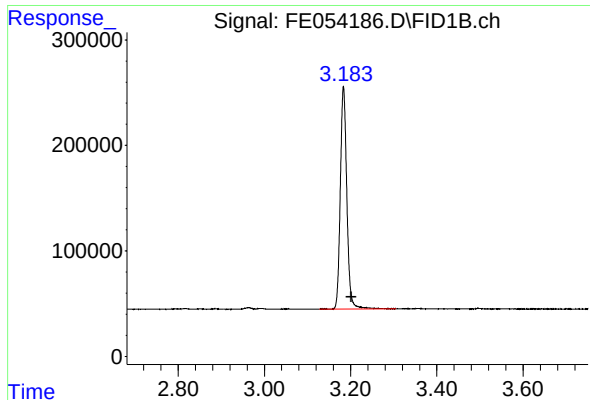
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
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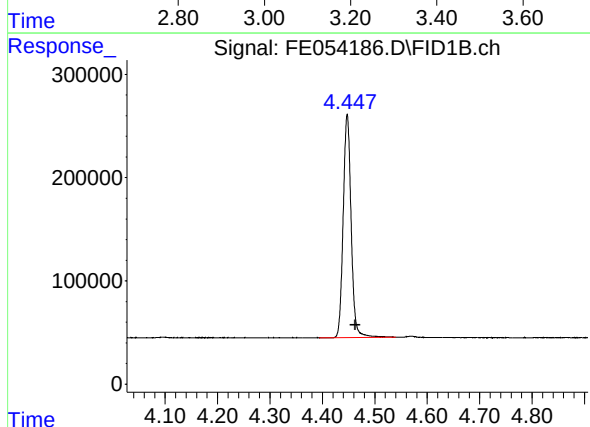




#1 n-Nonane (C9)

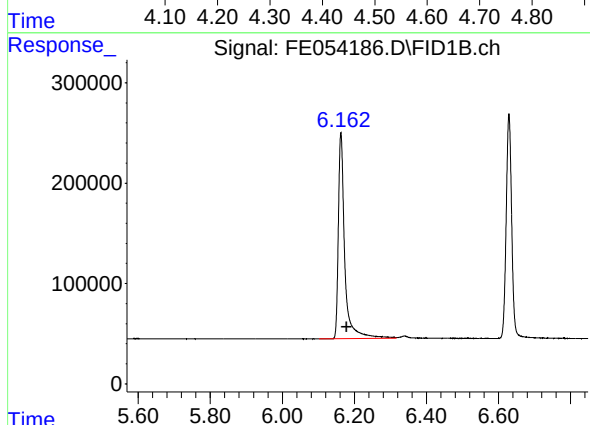
R.T.: 3.184 min
Delta R.T.: -0.018 min
Response: 2203636
Conc: 16.30 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



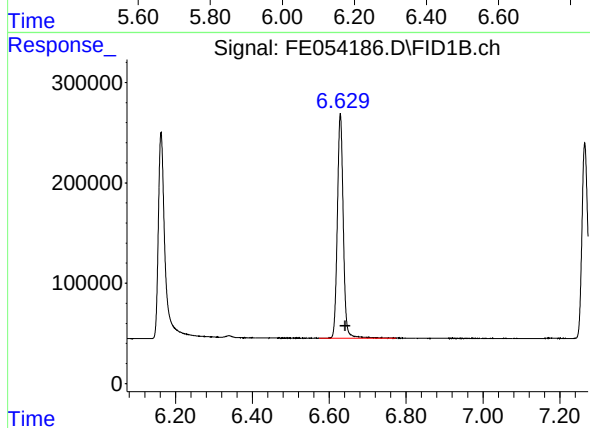
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.015 min
Response: 2272080
Conc: 16.81 ug/ml



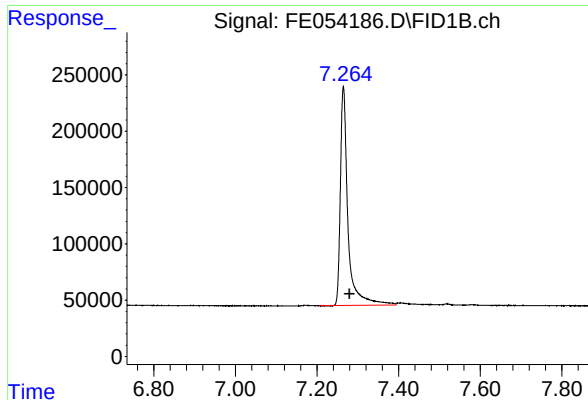
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.015 min
Response: 2546138
Conc: 17.72 ug/ml



#4 n-Dodecane (C12)

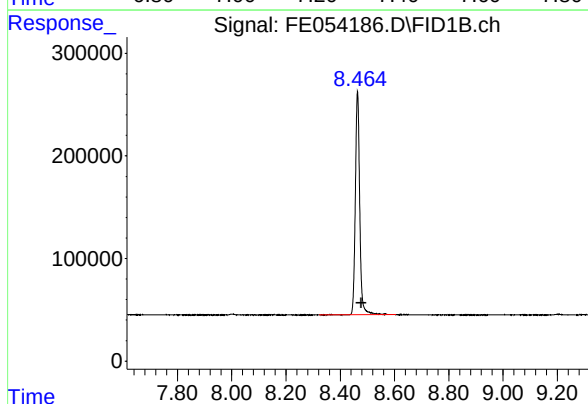
R.T.: 6.629 min
Delta R.T.: -0.013 min
Response: 2392737
Conc: 17.54 ug/ml



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

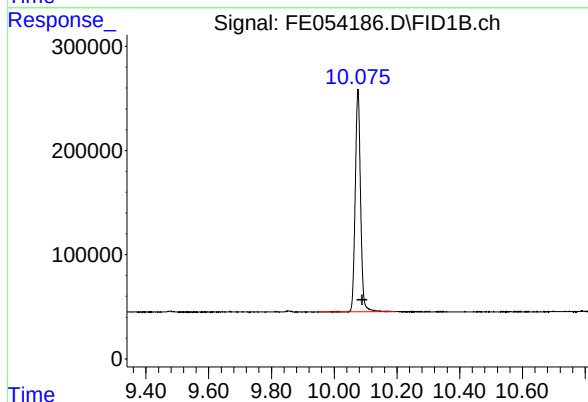
R.T.: 7.265 min
Delta R.T.: -0.015 min
Response: 2512377
Conc: 18.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



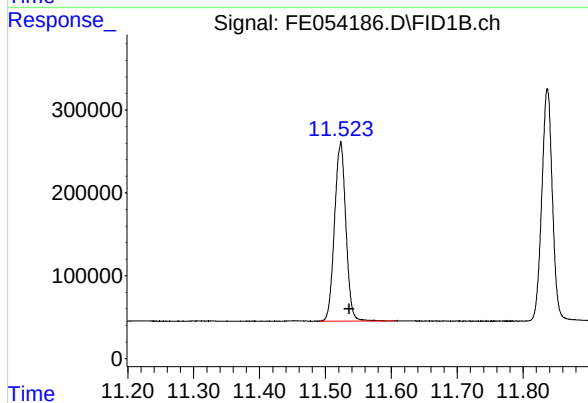
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.014 min
Response: 2439167
Conc: 18.07 ug/ml



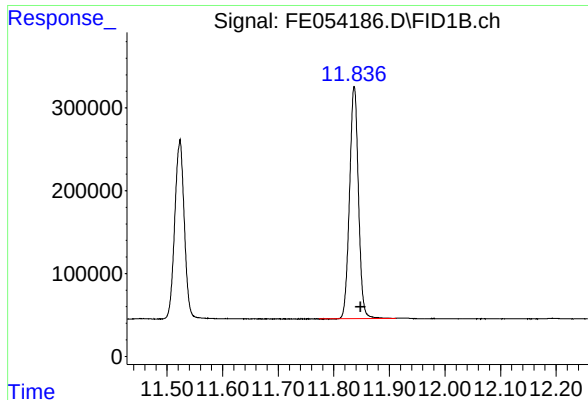
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 2525656
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

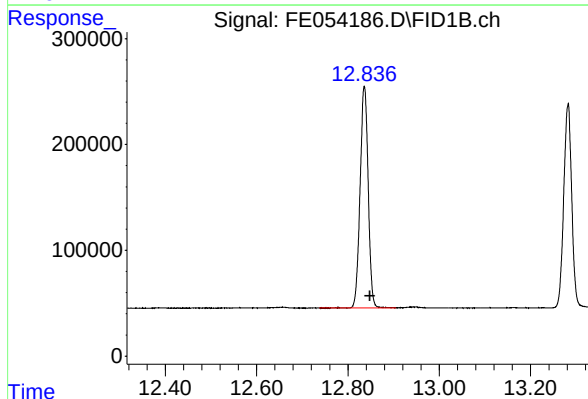
R.T.: 11.523 min
Delta R.T.: -0.013 min
Response: 2576966
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

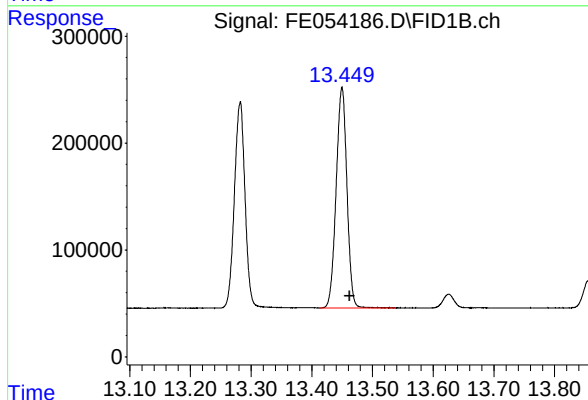
R.T.: 11.837 min
Delta R.T.: -0.012 min
Response: 3125569
Conc: 19.23 ug/ml

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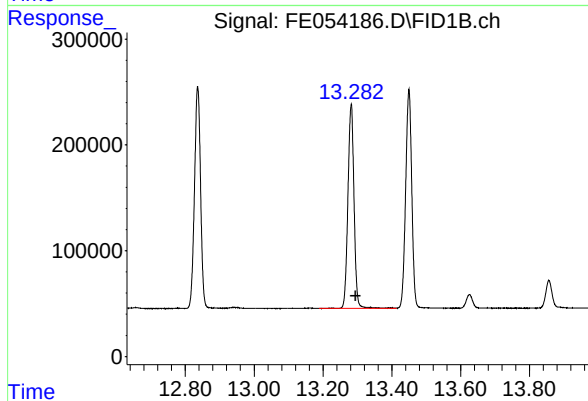
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 2565342
Conc: 19.52 ug/ml



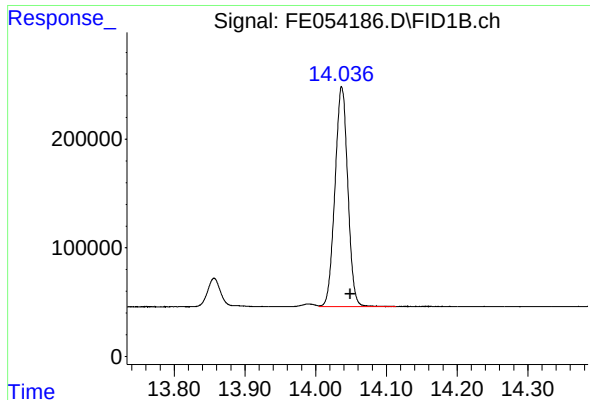
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.013 min
Response: 2550658
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

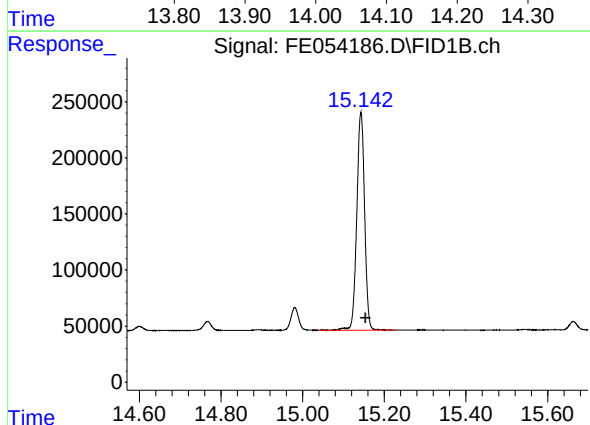
R.T.: 13.282 min
Delta R.T.: -0.013 min
Response: 2366629
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

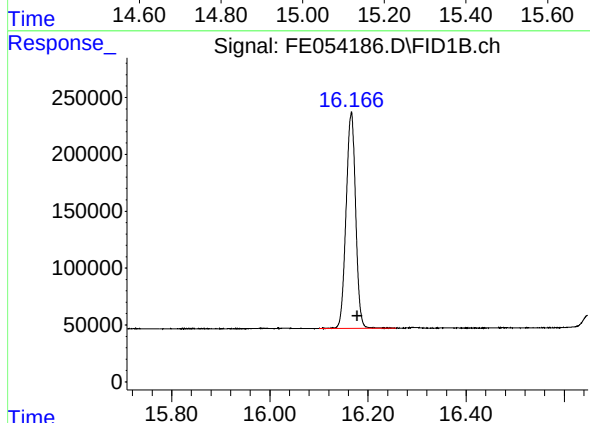
R.T.: 14.037 min
Delta R.T.: -0.012 min
Response: 2553608
Conc: 20.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



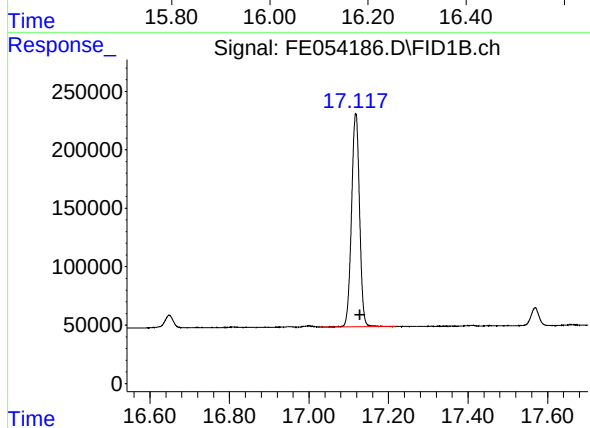
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.012 min
Response: 2593935
Conc: 20.73 ug/ml



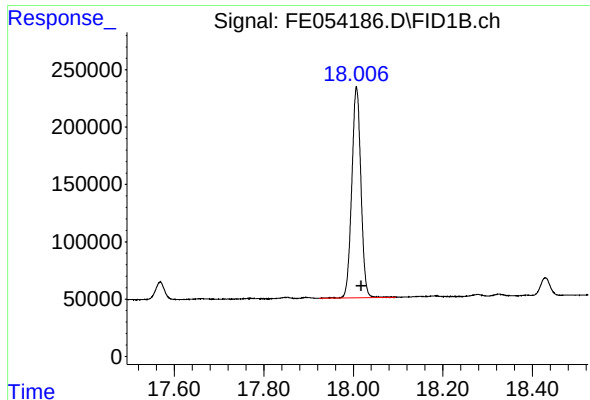
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.012 min
Response: 2562727
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

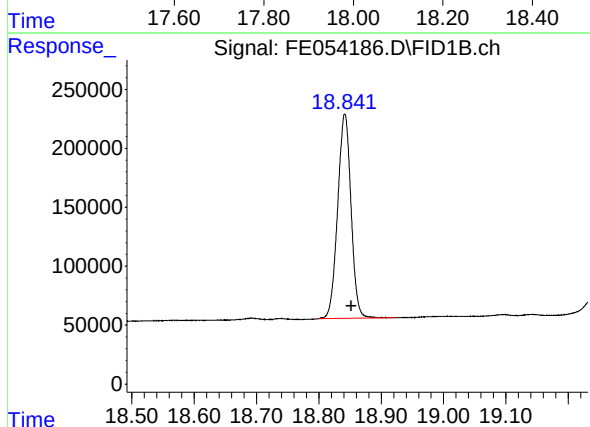
R.T.: 17.118 min
Delta R.T.: -0.011 min
Response: 2552922
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

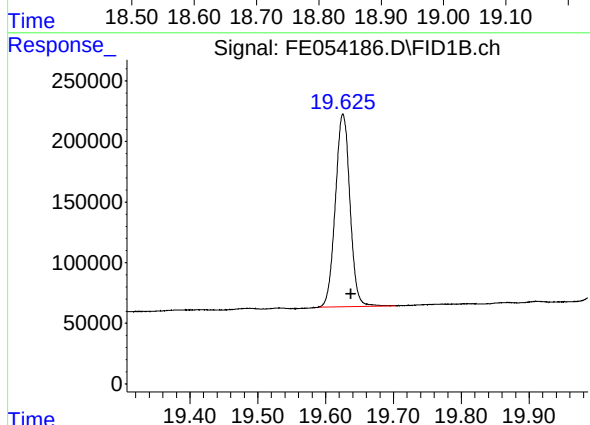
R.T.: 18.007 min
Delta R.T.: -0.011 min
Response: 2606925
Conc: 20.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



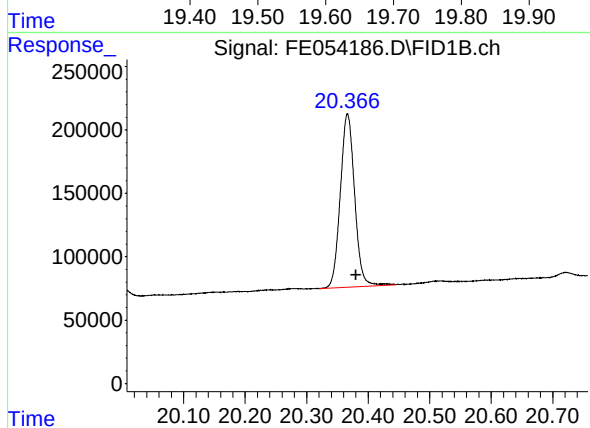
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.010 min
Response: 2577916
Conc: 20.61 ug/ml



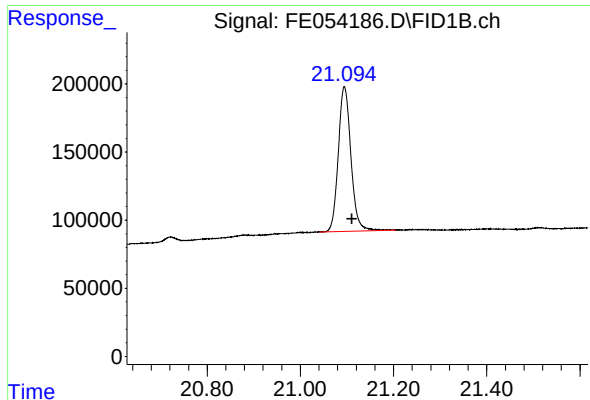
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.012 min
Response: 2373757
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

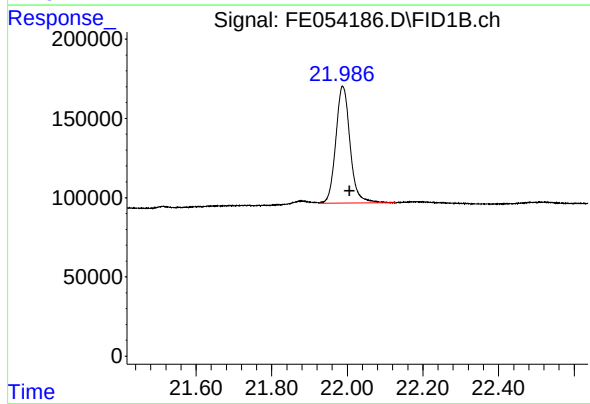
R.T.: 20.366 min
Delta R.T.: -0.014 min
Response: 2211168
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.016 min
Response: 1992976
Conc: 18.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.019 min
Response: 1935188
Conc: 19.50 ug/ml