

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042825AL\
 Data File : FE053541.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2025 10:07
 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: Apr 29 03:22:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.874	3663180	20.310 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	13.319	2612788	19.329 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	3.219	2830162	20.643 ug/ml
2) T n-Decane (C10)	4.481	2915449	21.075 ug/ml
3) T A~Naphthalene (C11.7)	6.194	3219079	21.326 ug/ml
4) T n-Dodecane (C12)	6.661	2975150	21.213 ug/ml
5) T A~2-methylnaphthalene...	7.296	3209403	21.496 ug/ml
6) T n-Tetradecane (C14)	8.497	2956355	21.073 ug/ml
7) T n-Hexadecane (C16)	10.111	3000046	20.932 ug/ml
8) T n-Octadecane (C18)	11.559	2984570	20.480 ug/ml
10) T n-Eicosane (C20)	12.873	2948135	20.260 ug/ml
11) T n-Heneicosane (C21)	13.487	2910948	20.097 ug/ml
13) T n-Docosane (C22)	14.075	2884187	19.987 ug/ml
14) T n-Tetracosane (C24)	15.181	2838690	19.763 ug/ml
15) T n-Hexacosane (C26)	16.205	2777997	19.615 ug/ml
16) T n-Octacosane (C28)	17.157	2759452	19.834 ug/ml
17) T n-Tricontane (C30)	18.047	2856473	20.521 ug/ml
18) T n-Dotriacontane (C32)	18.882	2778628	20.236 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2491618	19.123 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2295858	18.186 ug/ml
21) T n-Octatriacontane (C38)	21.146	2189490	17.972 ug/ml
22) T n-Tetracontane (C40)	22.053	2206945	18.480 ug/ml

(f)=RT Delta > 1/2 Window

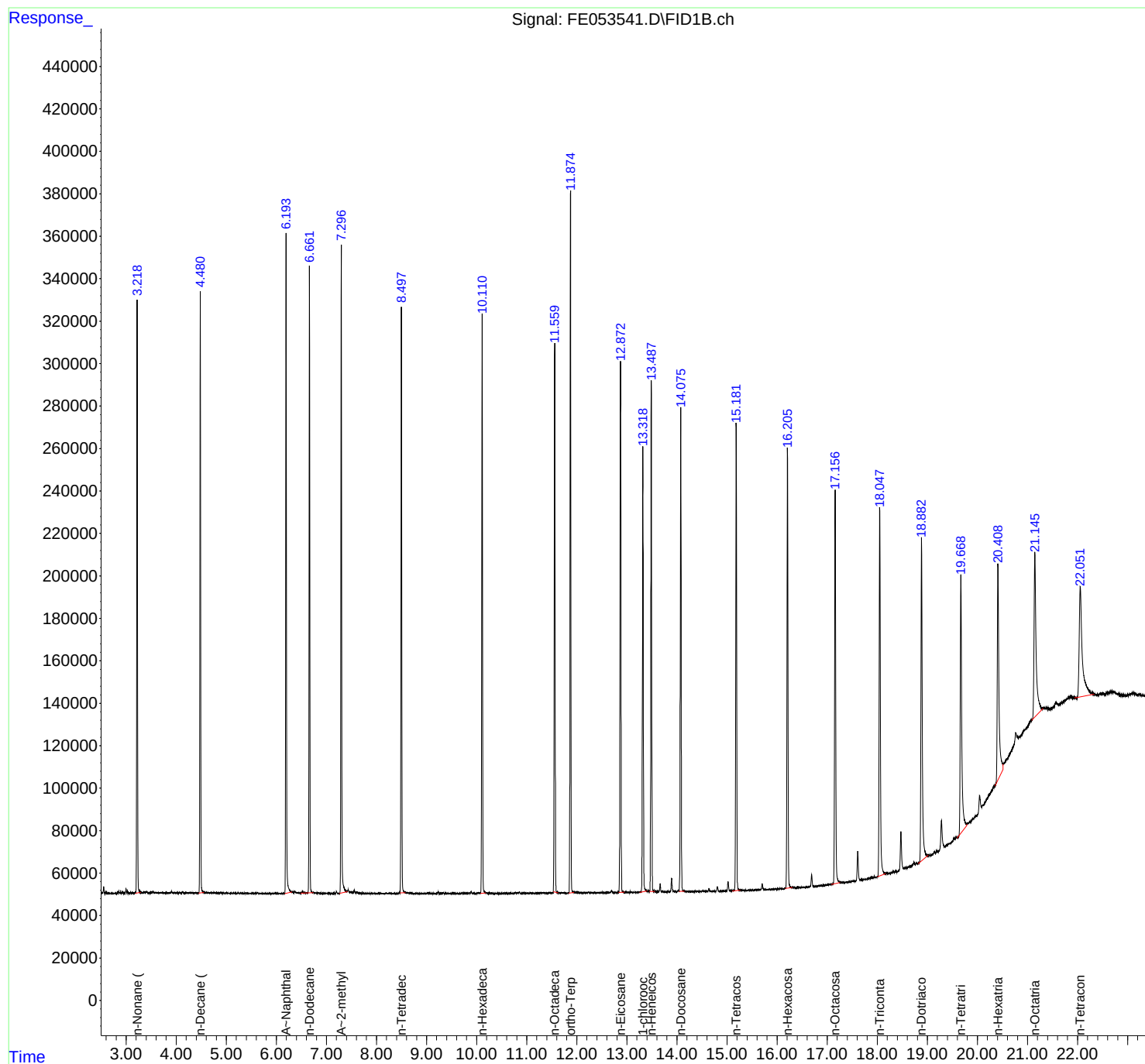
(m)=manual int.

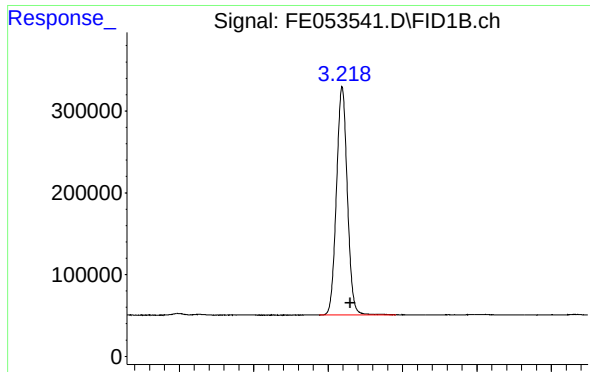
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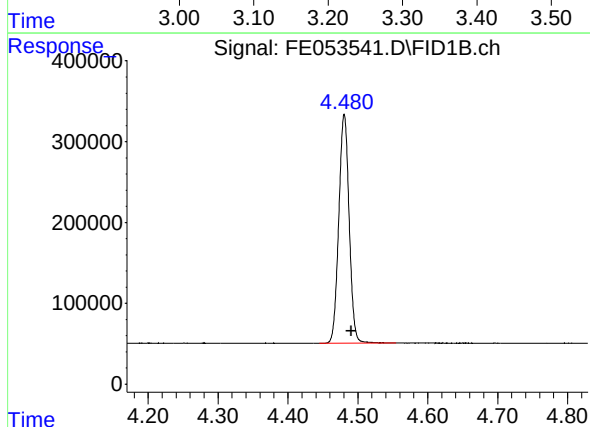




#1 n-Nonane (C9)

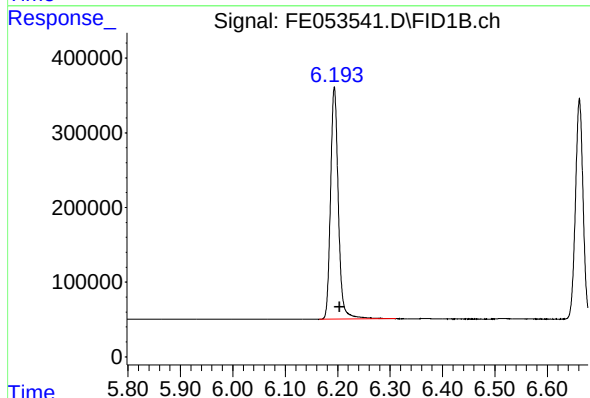
R.T.: 3.219 min
Delta R.T.: -0.011 min
Response: 2830162
Conc: 20.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



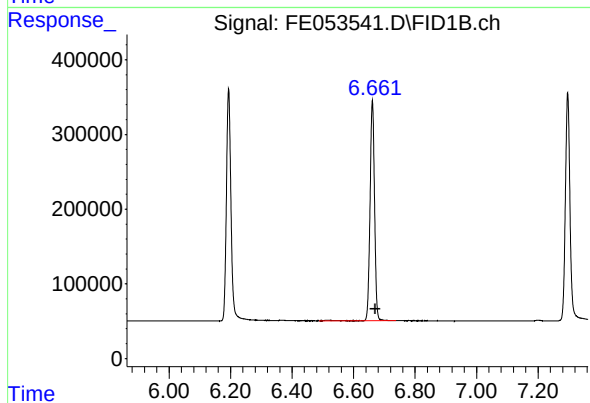
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.010 min
Response: 2915449
Conc: 21.08 ug/ml



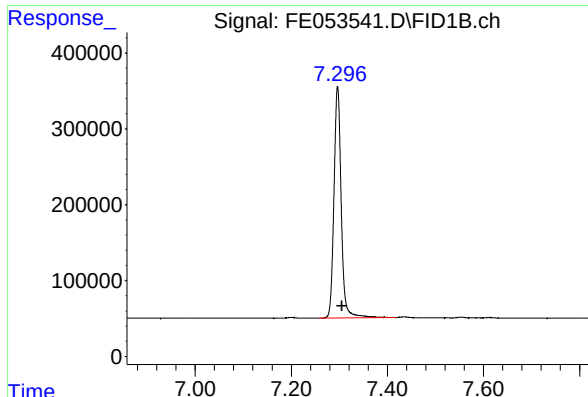
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.010 min
Response: 3219079
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

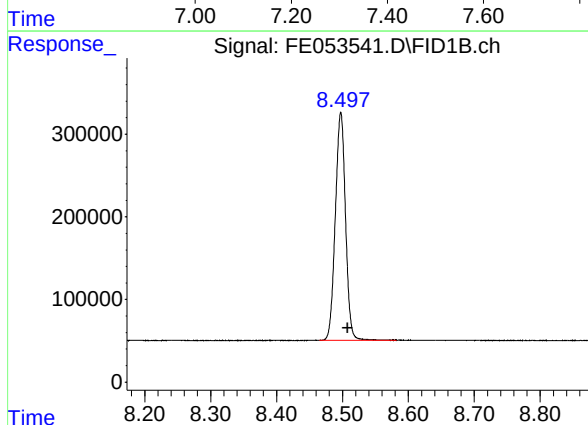
R.T.: 6.661 min
Delta R.T.: -0.010 min
Response: 2975150
Conc: 21.21 ug/ml



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

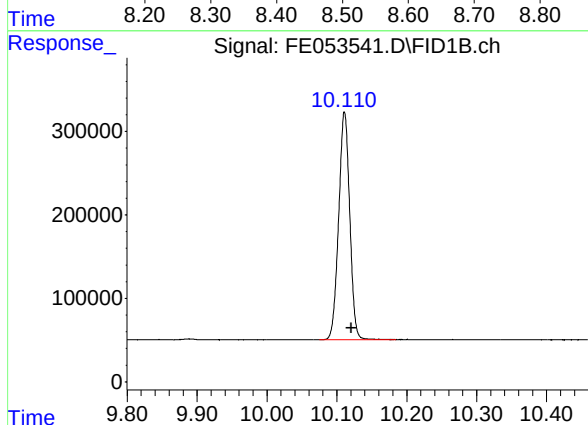
R.T.: 7.296 min
Delta R.T.: -0.009 min
Response: 3209403
Conc: 21.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



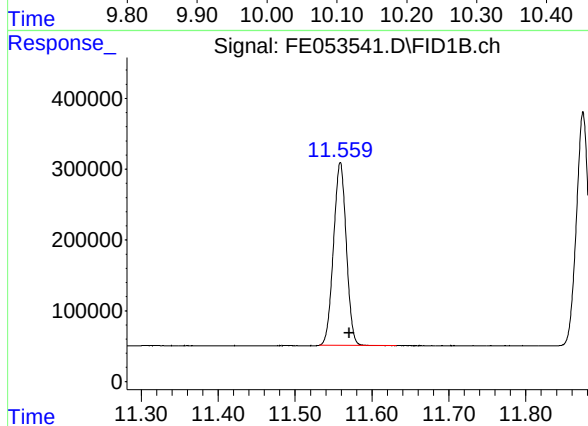
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.010 min
Response: 2956355
Conc: 21.07 ug/ml



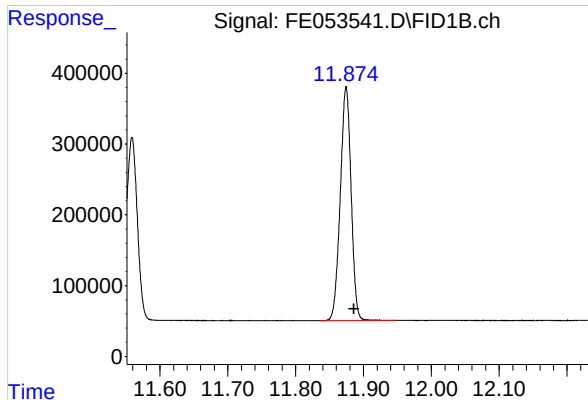
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.010 min
Response: 3000046
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

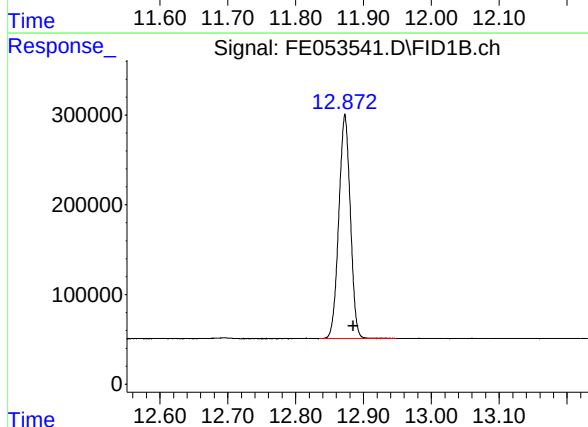
R.T.: 11.559 min
Delta R.T.: -0.012 min
Response: 2984570
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

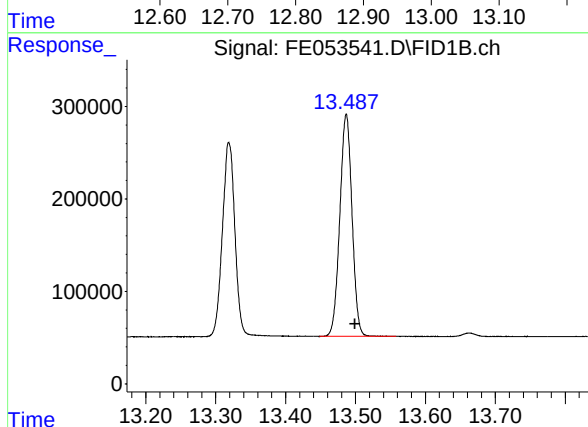
R.T.: 11.874 min
Delta R.T.: -0.011 min
Response: 3663180
Conc: 20.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



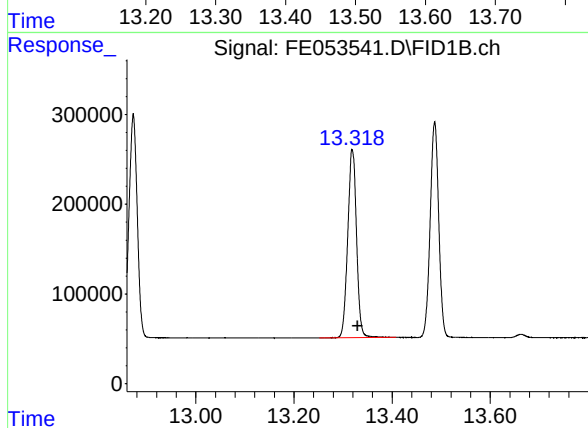
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.012 min
Response: 2948135
Conc: 20.26 ug/ml



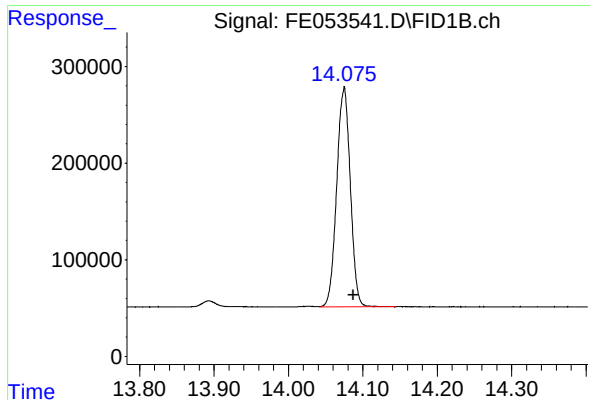
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.012 min
Response: 2910948
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

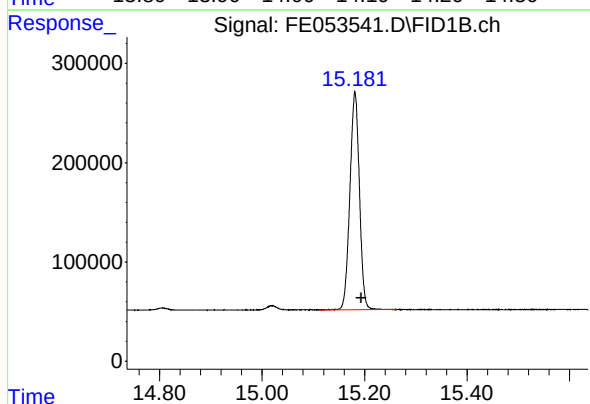
R.T.: 13.319 min
Delta R.T.: -0.011 min
Response: 2612788
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

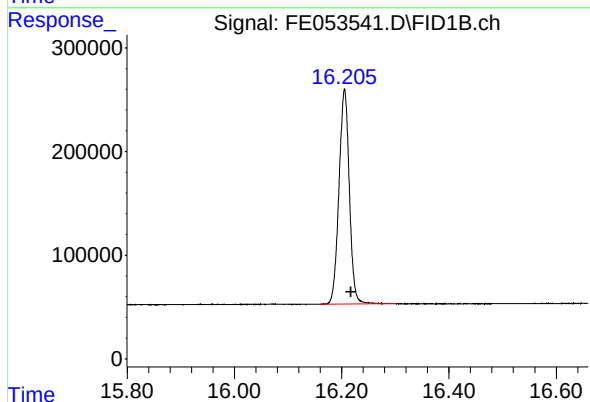
R.T.: 14.075 min
Delta R.T.: -0.013 min
Response: 2884187
Conc: 19.99 ug/ml

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20 PPM ALIPHATIC HC STD



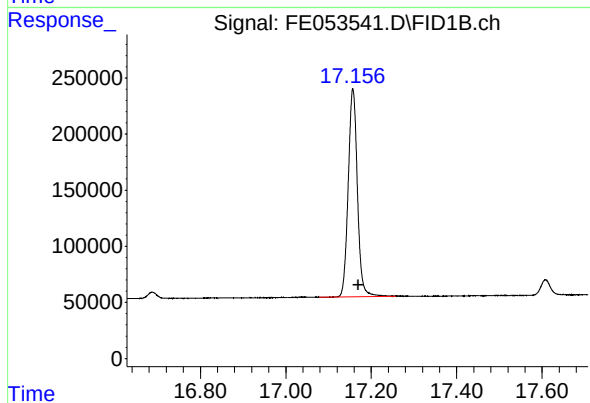
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.013 min
Response: 2838690
Conc: 19.76 ug/ml



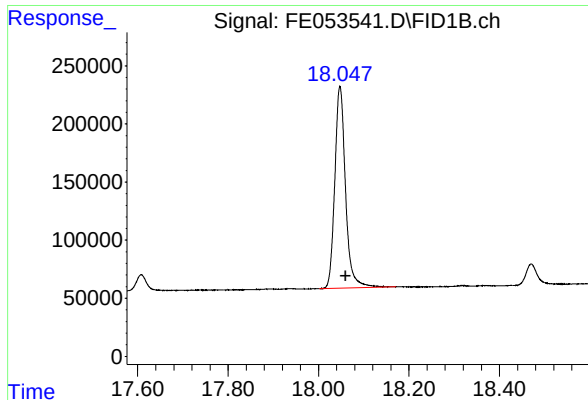
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.012 min
Response: 2777997
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

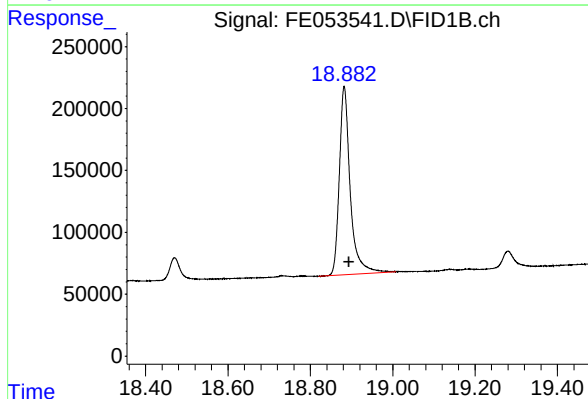
R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 2759452
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

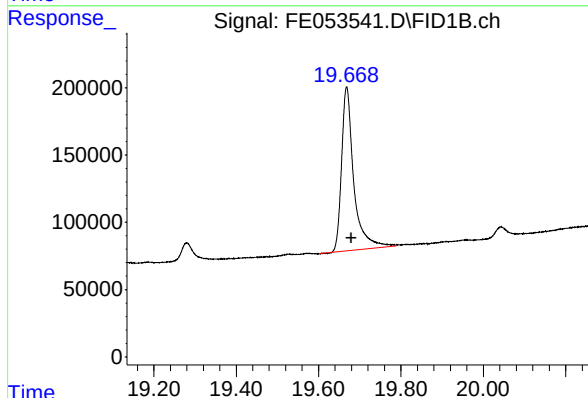
R.T.: 18.047 min
Delta R.T.: -0.012 min
Response: 2856473
Conc: 20.52 ug/ml

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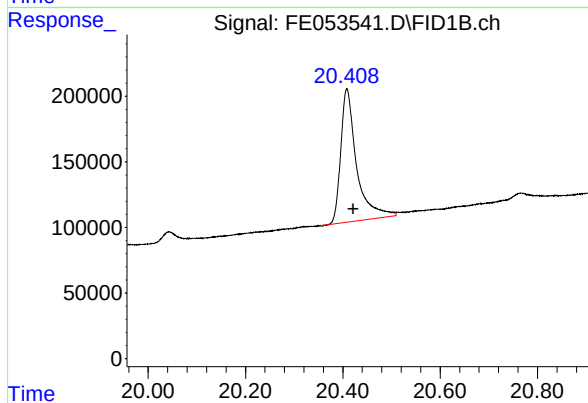
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.011 min
Response: 2778628
Conc: 20.24 ug/ml



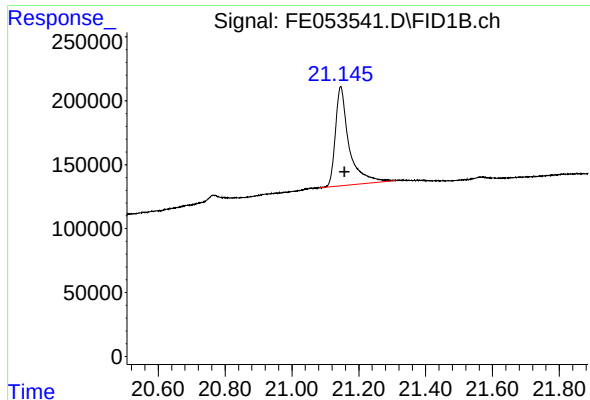
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.011 min
Response: 2491618
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

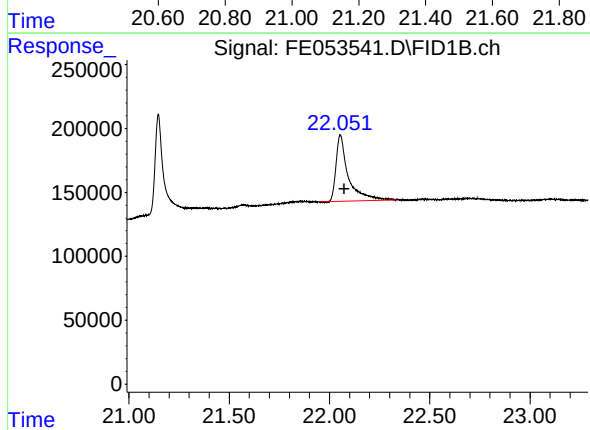
R.T.: 20.409 min
Delta R.T.: -0.013 min
Response: 2295858
Conc: 18.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.012 min
Response: 2189490
Conc: 17.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.020 min
Response: 2206945
Conc: 18.48 ug/ml