

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
 Data File : FE054757.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2025 14:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 10 05:11:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	2925086	18.012 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
12) S 1-chlorooctadecane (S...	13.517	2238584	17.725 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.421	2534418	18.842 ug/ml
2) T n-Decane (C10)	4.678	2637955	19.333 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2915277	19.254 ug/ml
4) T n-Dodecane (C12)	6.854	2688098	19.592 ug/ml
5) T A~2-methylnaphthalene...	7.497	2831771	19.263 ug/ml
6) T n-Tetradecane (C14)	8.690	2706866	19.526 ug/ml
7) T n-Hexadecane (C16)	10.305	2748894	19.289 ug/ml
8) T n-Octadecane (C18)	11.754	2740162	18.697 ug/ml
10) T n-Eicosane (C20)	13.069	2632011	18.304 ug/ml
11) T n-Heneicosane (C21)	13.683	2541151	17.791 ug/ml
13) T n-Docosane (C22)	14.271	2633923	18.446 ug/ml
14) T n-Tetracosane (C24)	15.377	2781623	19.135 ug/ml
15) T n-Hexacosane (C26)	16.401	2886485	19.946 ug/ml
16) T n-Octacosane (C28)	17.353	2996983	20.564 ug/ml
17) T n-Tricontane (C30)	18.242	3164703	20.083 ug/ml
18) T n-Dotriacontane (C32)	19.077	3041322	18.798 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2670482	17.524 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2296252	17.078 ug/ml
21) T n-Octatriacontane (C38)	21.383	2177494	18.566 ug/ml
22) T n-Tetracontane (C40)	22.375	2133649	19.686 ug/ml

(f)=RT Delta > 1/2 Window

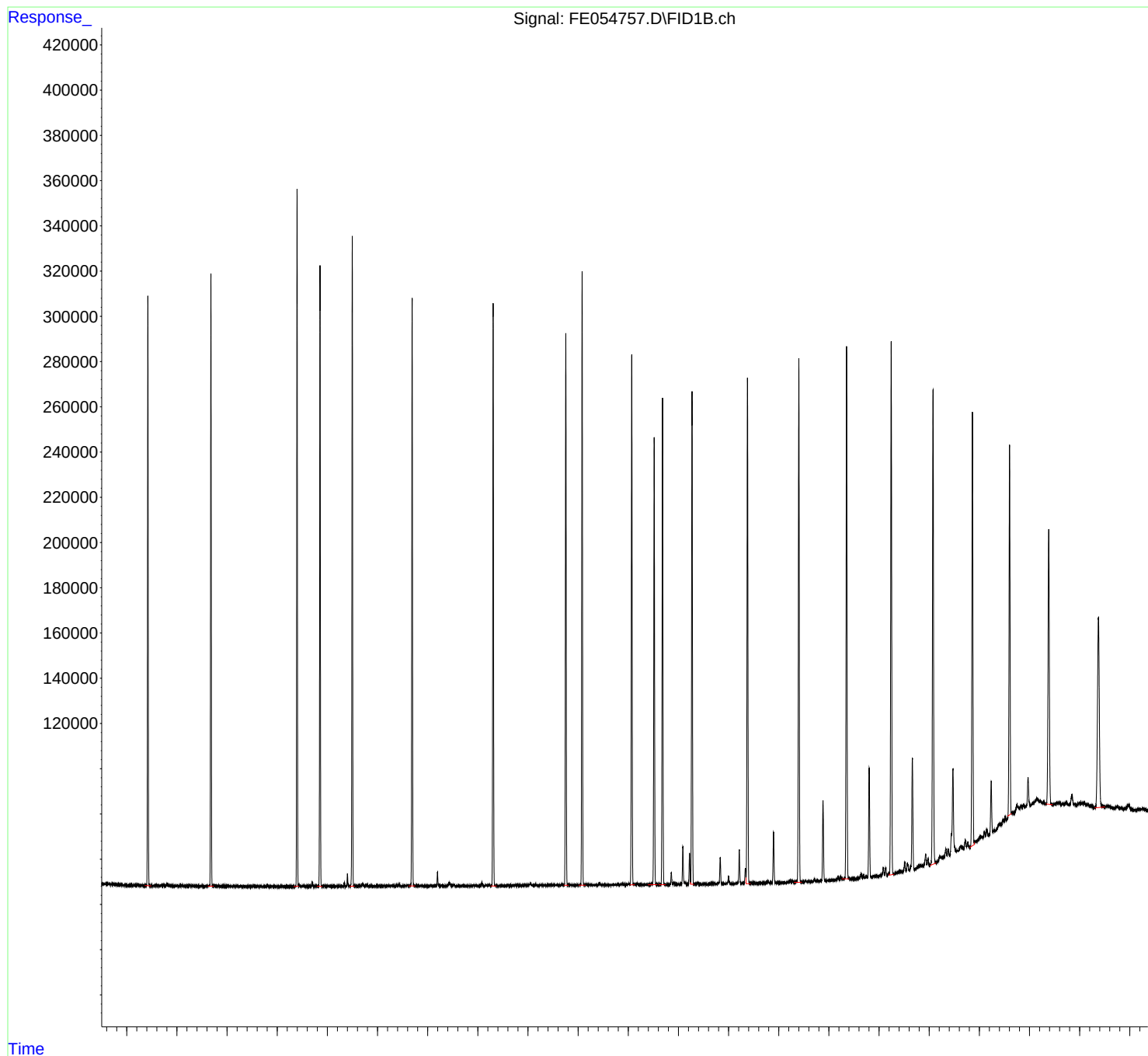
(m)=manual int.

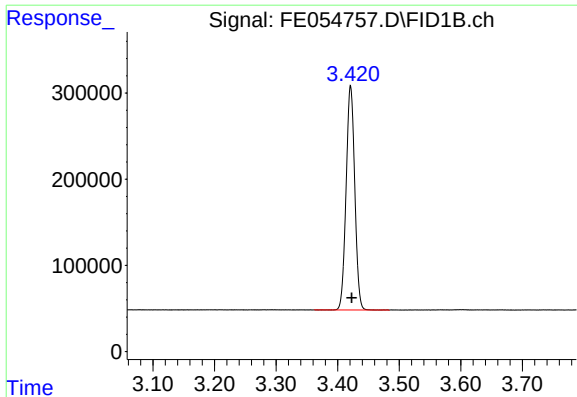
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

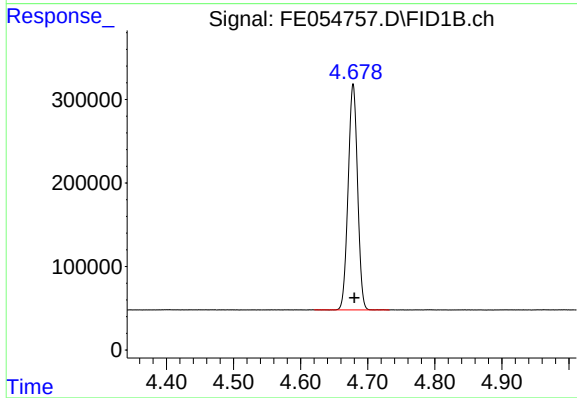




#1 n-Nonane (C9)

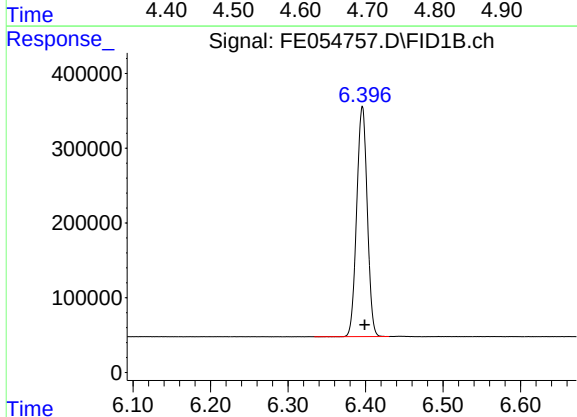
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2534418
Conc: 18.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



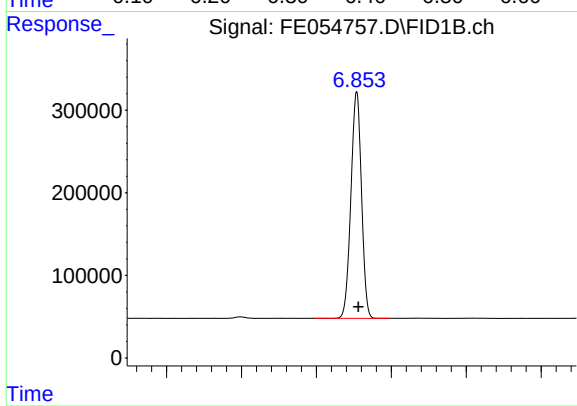
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2637955
Conc: 19.33 ug/ml



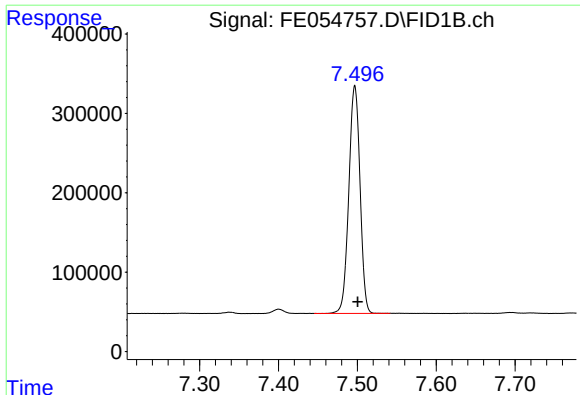
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 2915277
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

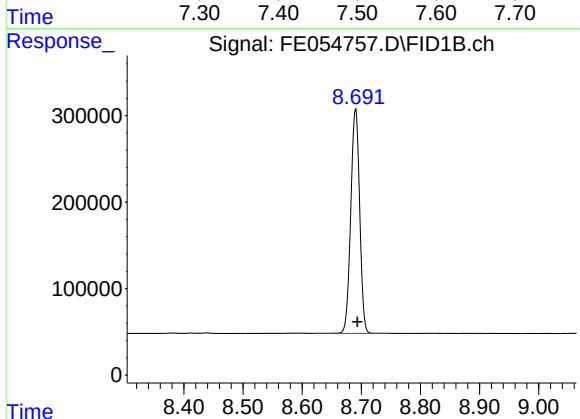
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2688098
Conc: 19.59 ug/ml



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

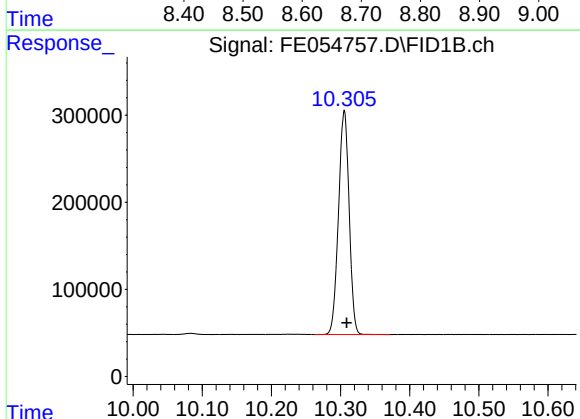
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 2831771
Conc: 19.26 ug/ml

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20 PPM ALIPHATIC HC STD



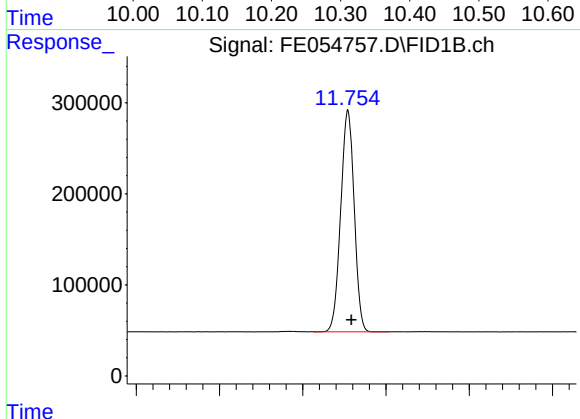
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2706866
Conc: 19.53 ug/ml



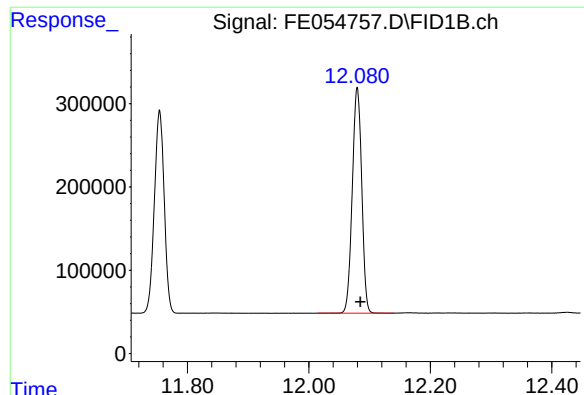
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 2748894
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

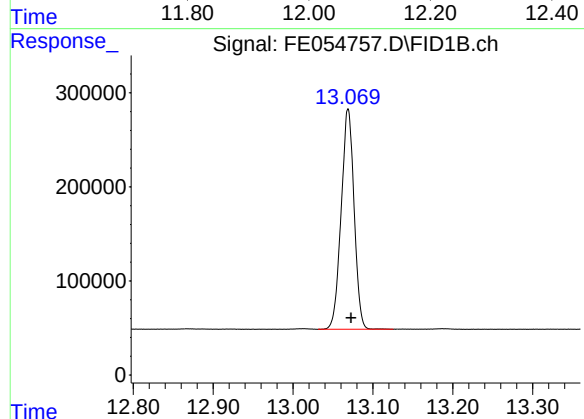
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 2740162
Conc: 18.70 ug/ml



#9 ortho-Terphenyl (SURR)

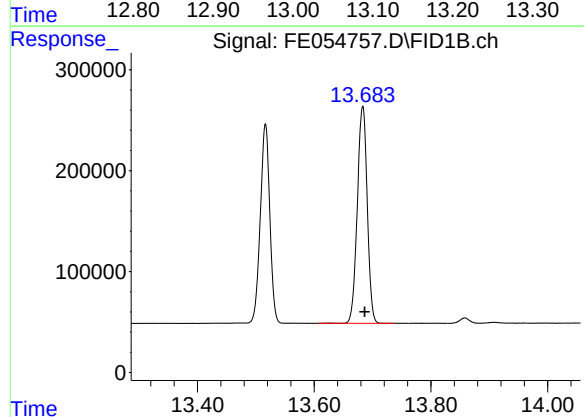
R.T.: 12.080 min
Delta R.T.: -0.005 min
Response: 2925086
Conc: 18.01 ug/ml

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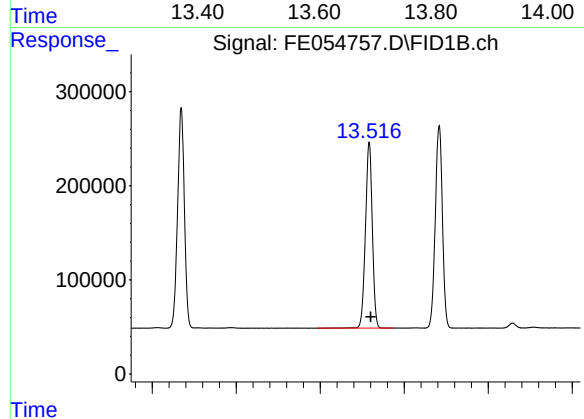
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 2632011
Conc: 18.30 ug/ml



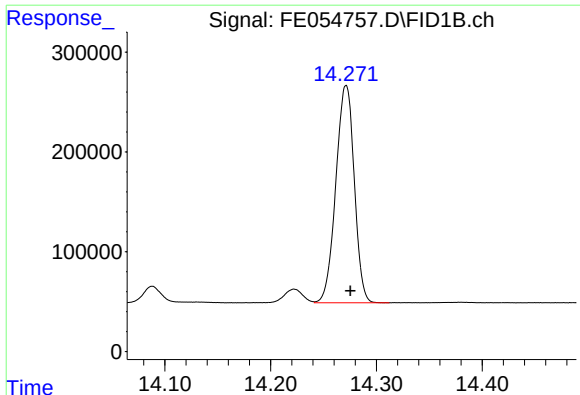
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 2541151
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

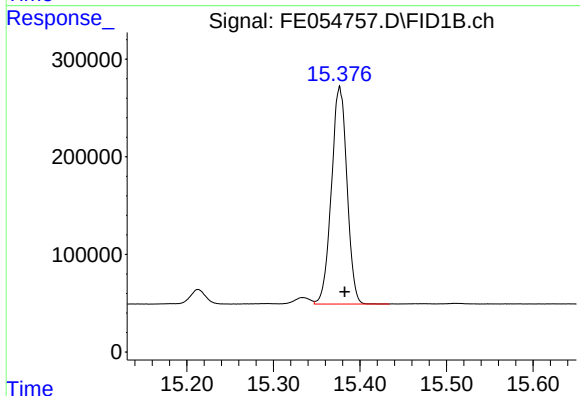
R.T.: 13.517 min
Delta R.T.: -0.004 min
Response: 2238584
Conc: 17.73 ug/ml



#13 n-Docosane (C22)

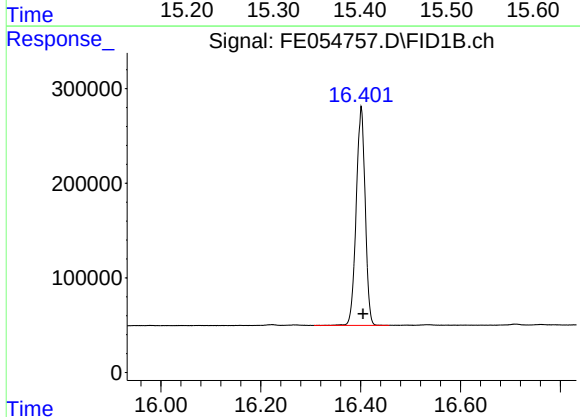
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 2633923
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



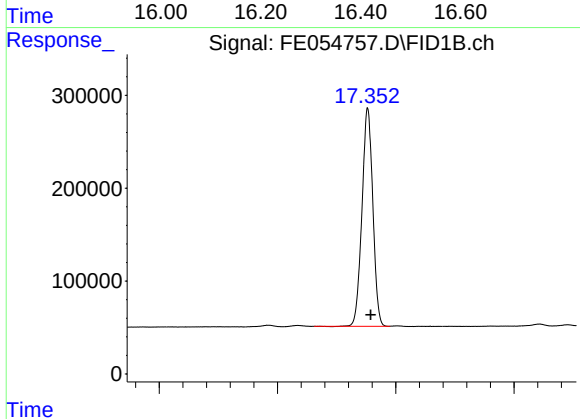
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.006 min
Response: 2781623
Conc: 19.14 ug/ml



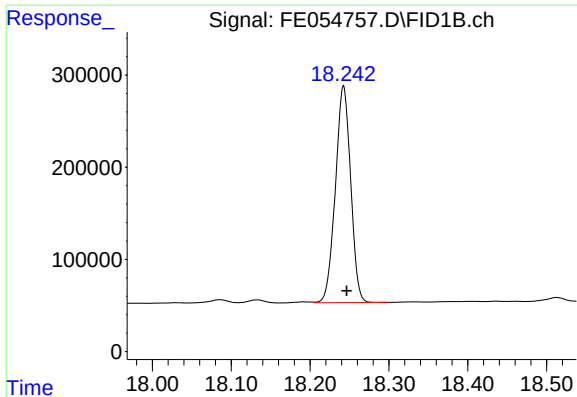
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 2886485
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

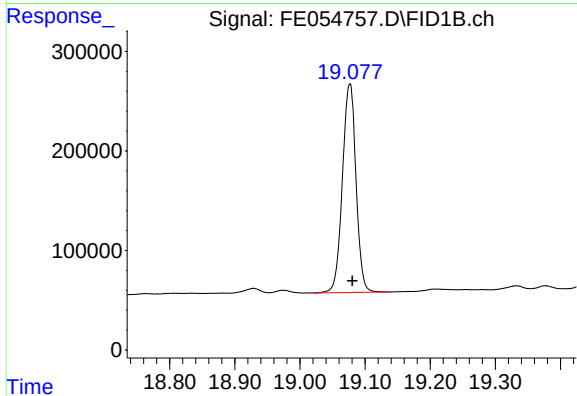
R.T.: 17.353 min
Delta R.T.: -0.005 min
Response: 2996983
Conc: 20.56 ug/ml



#17 n-Tricontane (C30)

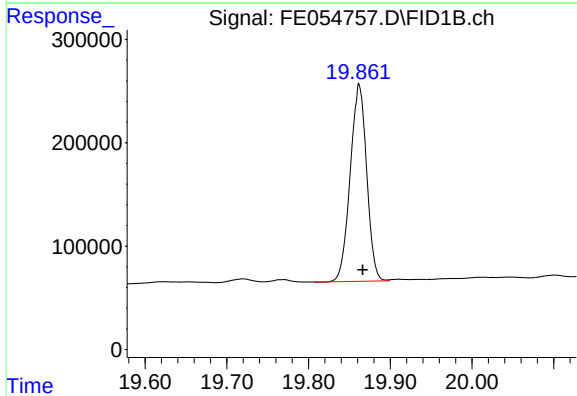
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 3164703
Conc: 20.08 ug/ml

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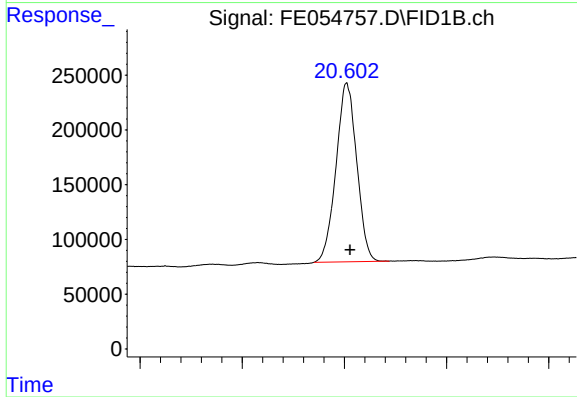
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 3041322
Conc: 18.80 ug/ml



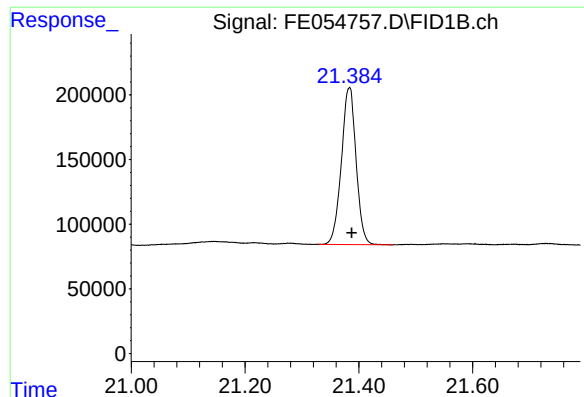
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 2670482
Conc: 17.52 ug/ml



#20 n-Hexatriacontane (C36)

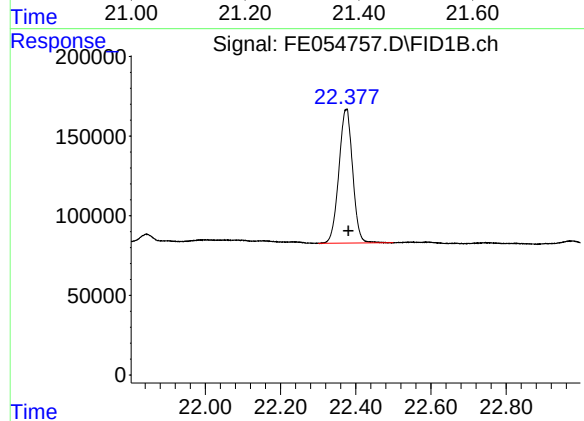
R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 2296252
Conc: 17.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.005 min
Response: 2177494
Conc: 18.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: -0.006 min
Response: 2133649
Conc: 19.69 ug/ml