

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054827.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 23:58
 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: Jul 12 02:13:38 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	3182909	19.600 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.516	2427530	19.221 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.421	2748779	20.436 ug/ml
2) T n-Decane (C10)	4.678	2861078	20.968 ug/ml
3) T A~Naphthalene (C11.7)	6.396	3195110	21.102 ug/ml
4) T n-Dodecane (C12)	6.854	2931800	21.368 ug/ml
5) T A~2-methylnaphthalene...	7.497	3106609	21.133 ug/ml
6) T n-Tetradecane (C14)	8.690	2957863	21.337 ug/ml
7) T n-Hexadecane (C16)	10.305	2996804	21.029 ug/ml
8) T n-Octadecane (C18)	11.754	2971281	20.274 ug/ml
10) T n-Eicosane (C20)	13.068	2812467	19.559 ug/ml
11) T n-Heneicosane (C21)	13.682	2744767	19.217 ug/ml
13) T n-Docosane (C22)	14.271	2725509	19.088 ug/ml
14) T n-Tetracosane (C24)	15.376	2732237	18.796 ug/ml
15) T n-Hexacosane (C26)	16.400	2691336	18.597 ug/ml
16) T n-Octacosane (C28)	17.352	2695281	18.494 ug/ml
17) T n-Tricontane (C30)	18.242	2840307	18.024 ug/ml
18) T n-Dotriacontane (C32)	19.076	2795660	17.280 ug/ml
19) T n-Tetratriacontane (C34)	19.861	2653285	17.411 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2481347	18.455 ug/ml
21) T n-Octatriacontane (C38)	21.381	2641210	22.520 ug/ml
22) T n-Tetracontane (C40)	22.371	2337425	21.566 ug/ml

(f)=RT Delta > 1/2 Window

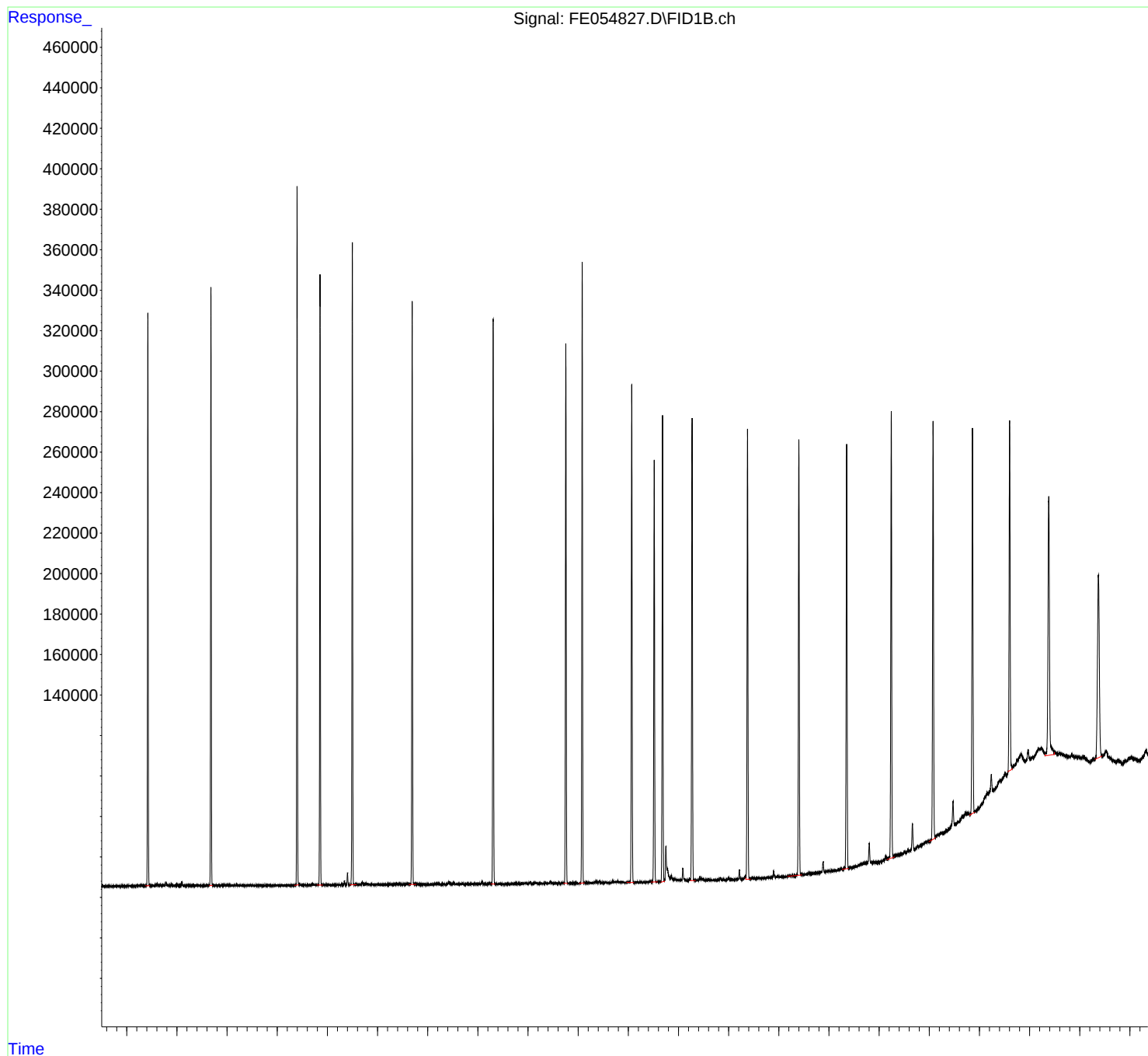
(m)=manual int.

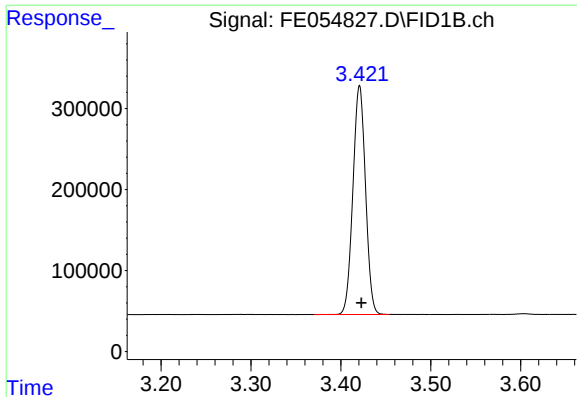
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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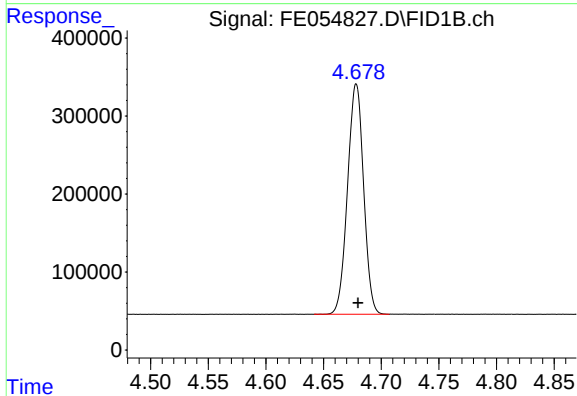




#1 n-Nonane (C9)

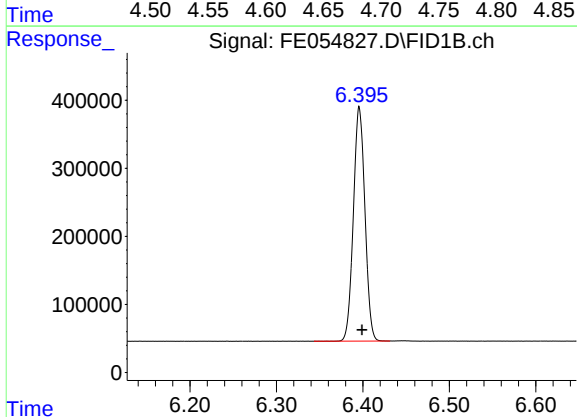
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2748779
Conc: 20.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



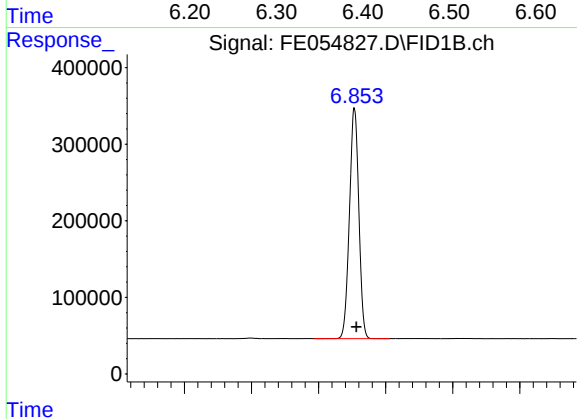
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2861078
Conc: 20.97 ug/ml



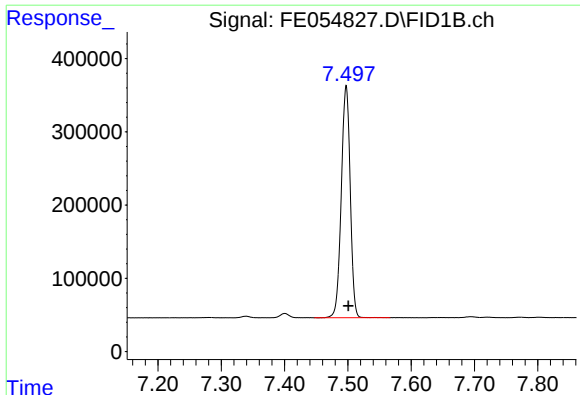
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 3195110
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

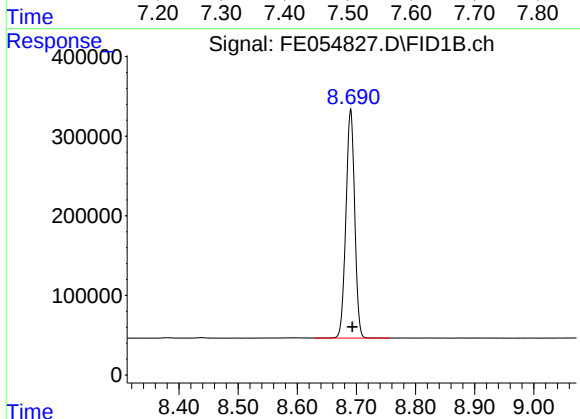
R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2931800
Conc: 21.37 ug/ml



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

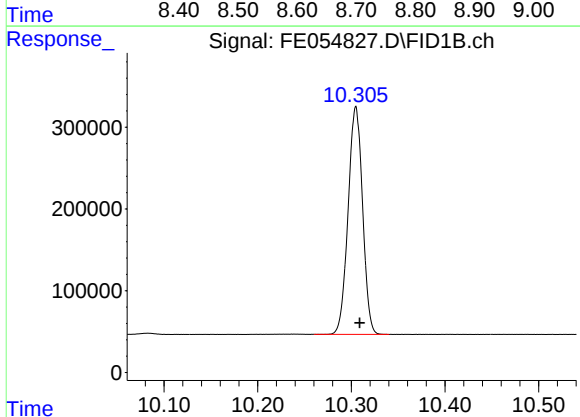
R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 3106609
Conc: 21.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



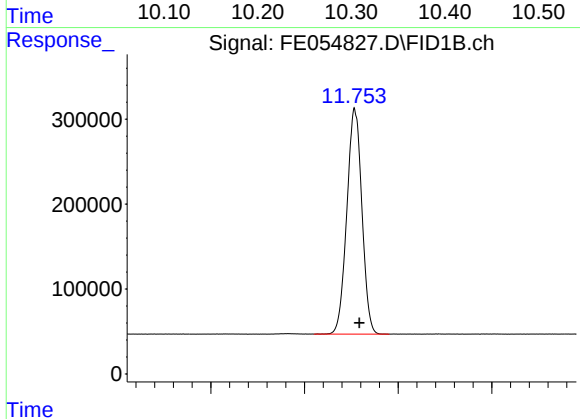
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2957863
Conc: 21.34 ug/ml



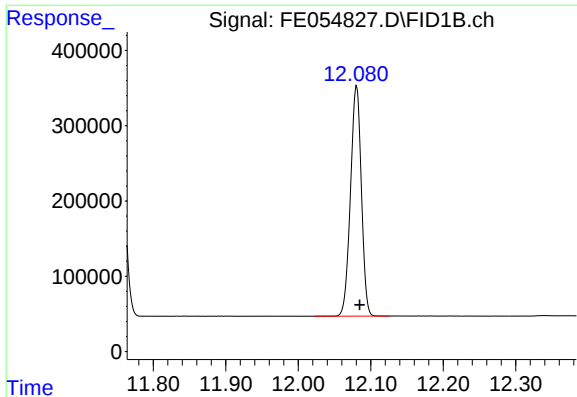
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 2996804
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

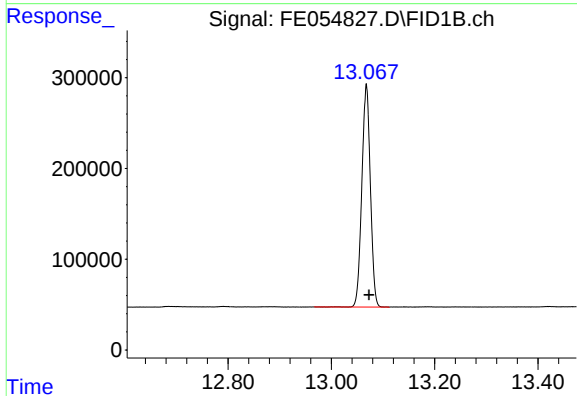
R.T.: 11.754 min
Delta R.T.: -0.005 min
Response: 2971281
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

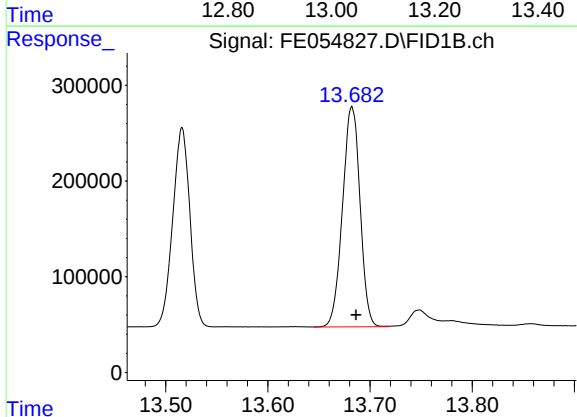
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 3182909
Conc: 19.60 ug/ml

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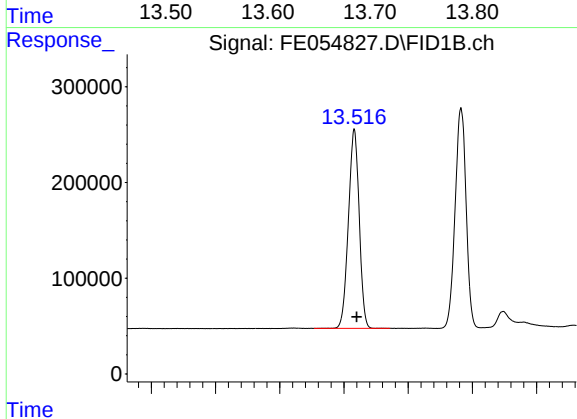
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 2812467
Conc: 19.56 ug/ml



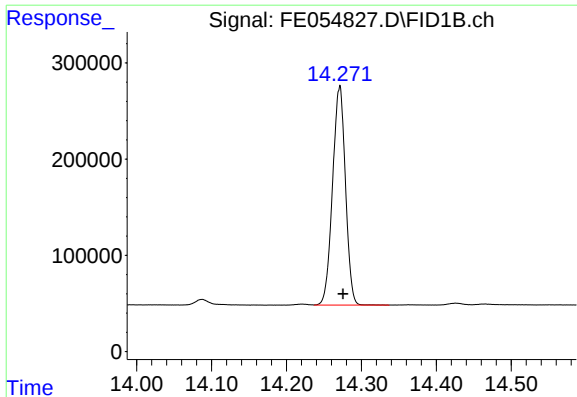
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.004 min
Response: 2744767
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

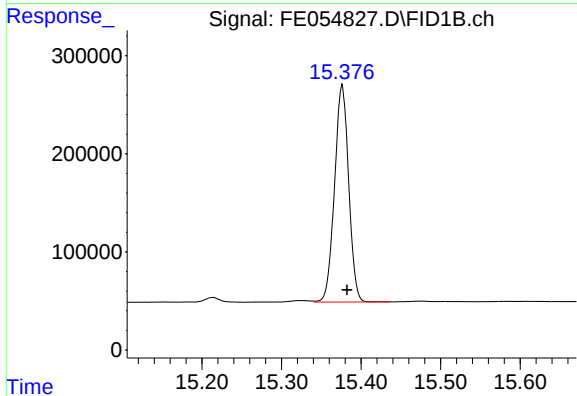
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 2427530
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

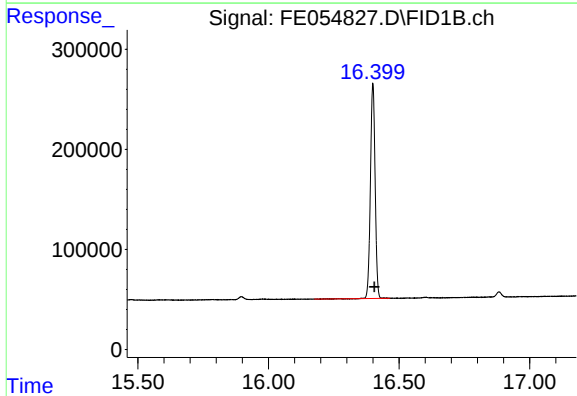
R.T.: 14.271 min
Delta R.T.: -0.005 min
Response: 2725509
Conc: 19.09 ug/ml

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20 PPM ALIPHATIC HC STD



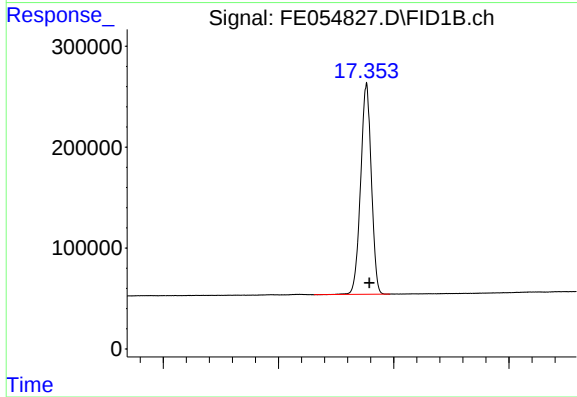
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 2732237
Conc: 18.80 ug/ml



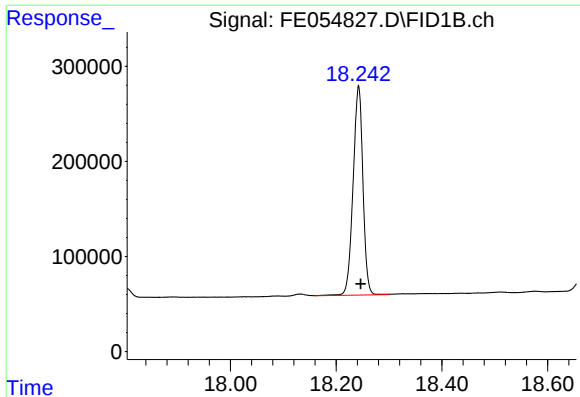
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 2691336
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

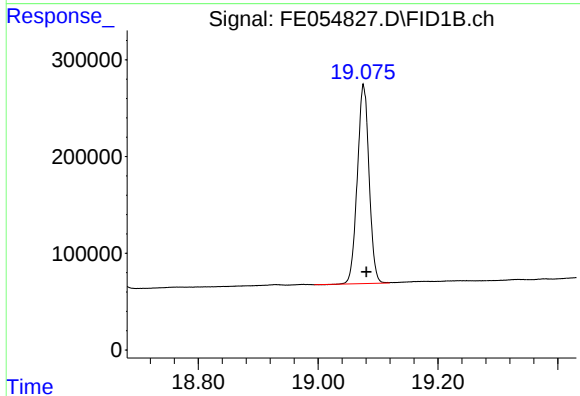
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 2695281
Conc: 18.49 ug/ml



#17 n-Tricontane (C30)

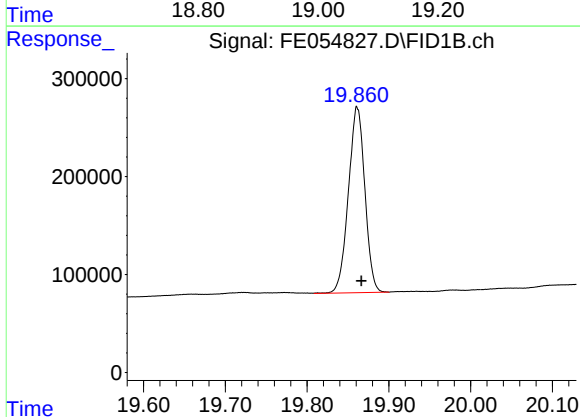
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 2840307
Conc: 18.02 ug/ml

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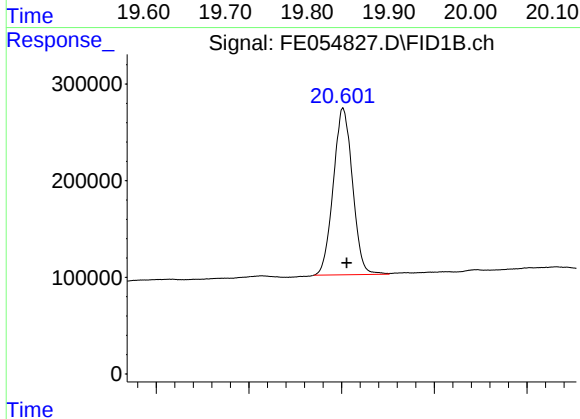
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.005 min
Response: 2795660
Conc: 17.28 ug/ml



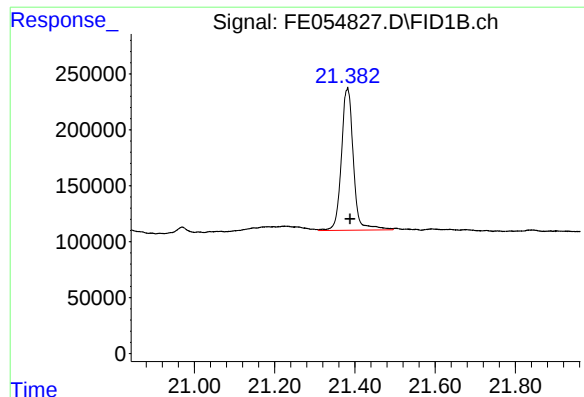
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.005 min
Response: 2653285
Conc: 17.41 ug/ml



#20 n-Hexatriacontane (C36)

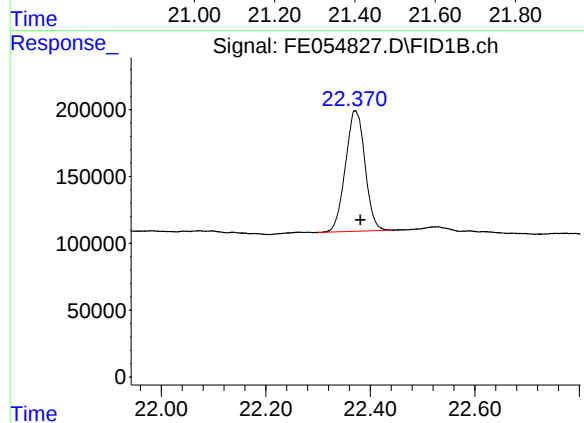
R.T.: 20.602 min
Delta R.T.: -0.004 min
Response: 2481347
Conc: 18.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.006 min
Response: 2641210
Conc: 22.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 2337425
Conc: 21.57 ug/ml