

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054933.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 18:58
 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 18 23:12:27 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)	12.085	3066819	18.885 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.520	2327887	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.425	2323088	17.271 ug/ml
2) T n-Decane (C10)	4.683	2510509	18.399 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2884755	19.052 ug/ml
4) T n-Dodecane (C12)	6.858	2619874	19.094 ug/ml
5) T A~2-methylnaphthalene...	7.502	2852252	19.403 ug/ml
6) T n-Tetradecane (C14)	8.695	2707647	19.532 ug/ml
7) T n-Hexadecane (C16)	10.309	2815260	19.755 ug/ml
8) T n-Octadecane (C18)	11.759	2839386	19.374 ug/ml
10) T n-Eicosane (C20)	13.073	2709816	18.845 ug/ml
11) T n-Heneicosane (C21)	13.687	2640941	18.490 ug/ml
13) T n-Docosane (C22)	14.275	2640369	18.491 ug/ml
14) T n-Tetracosane (C24)	15.381	2673359	18.391 ug/ml
15) T n-Hexacosane (C26)	16.404	2666911	18.429 ug/ml
16) T n-Octacosane (C28)	17.355	2716808	18.642 ug/ml
17) T n-Tricontane (C30)	18.245	2953101	18.740 ug/ml
18) T n-Dotriacontane (C32)	19.080	3027679	18.714 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2830289	18.573 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2533497	18.843 ug/ml
21) T n-Octatriacontane (C38)	21.386	2396832	20.436 ug/ml
22) T n-Tetracontane (C40)	22.380	2286125	21.093 ug/ml

(f)=RT Delta > 1/2 Window

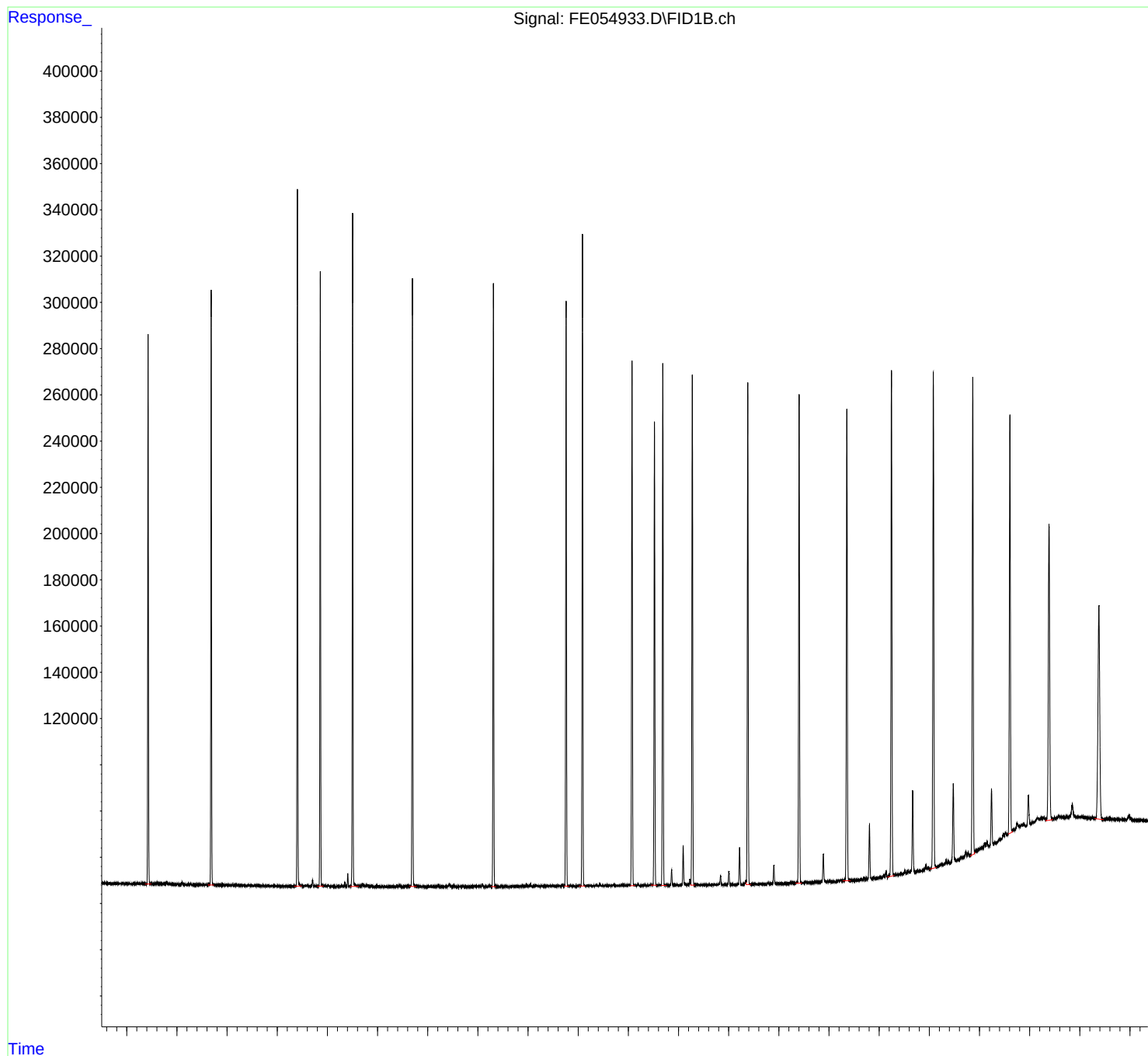
(m)=manual int.

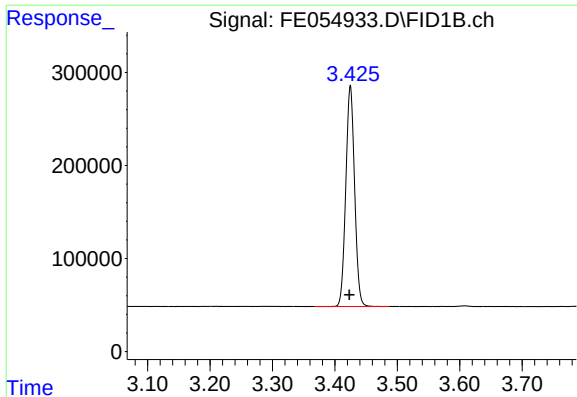
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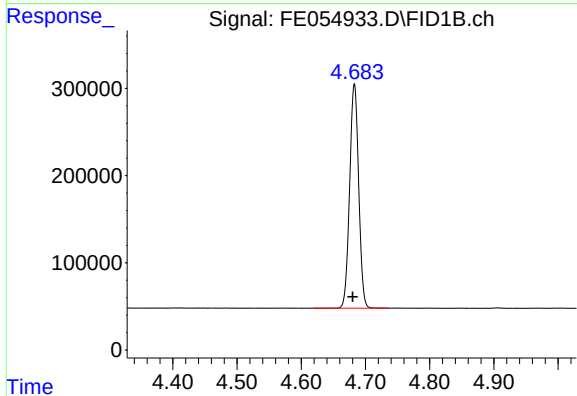




#1 n-Nonane (C9)

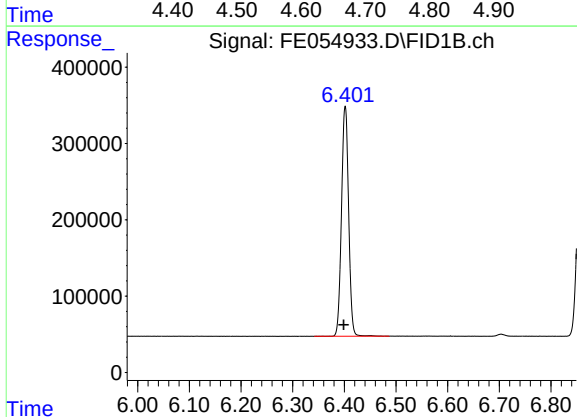
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2323088
Conc: 17.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



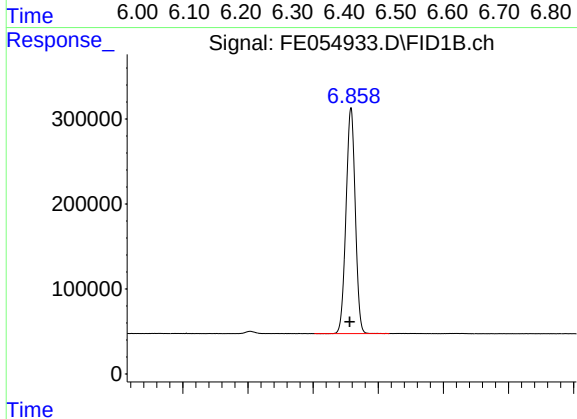
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2510509
Conc: 18.40 ug/ml



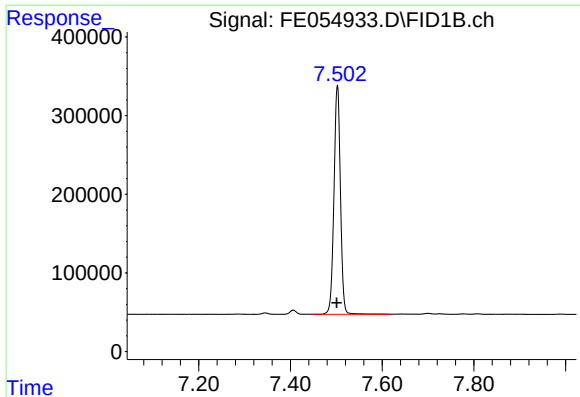
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 2884755
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

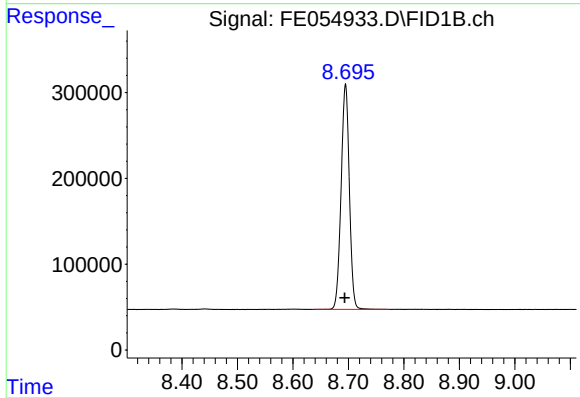
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2619874
Conc: 19.09 ug/ml



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

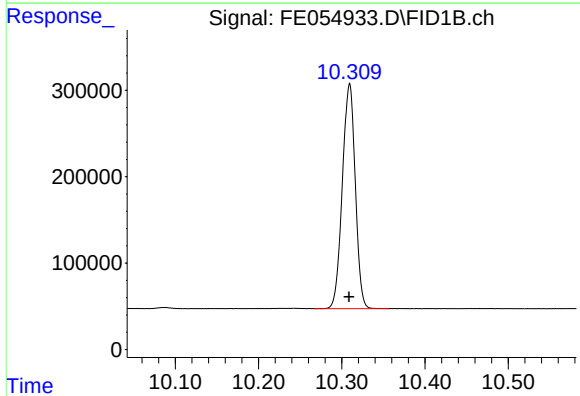
R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 2852252
Conc: 19.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



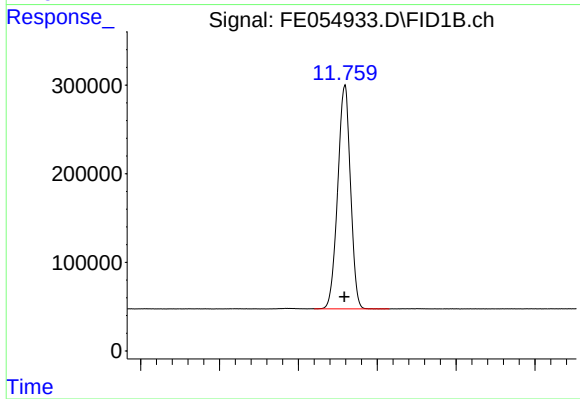
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 2707647
Conc: 19.53 ug/ml



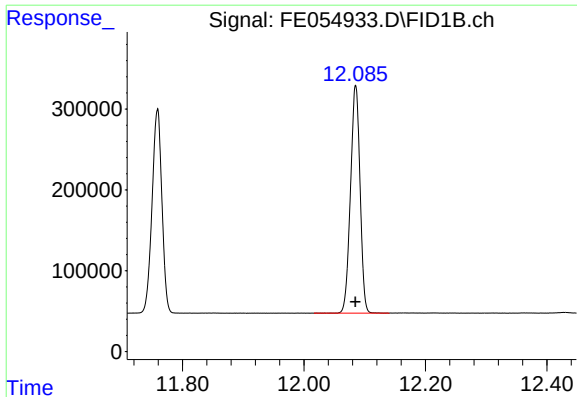
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2815260
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

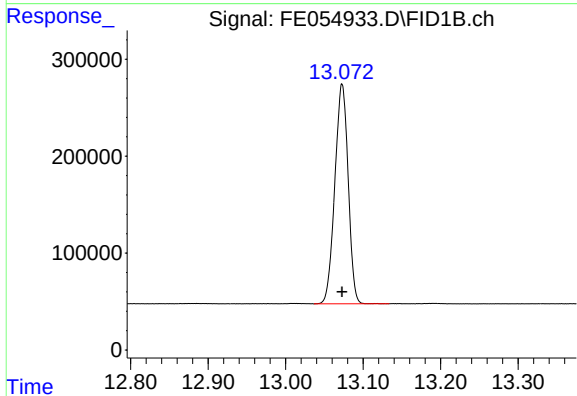
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2839386
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

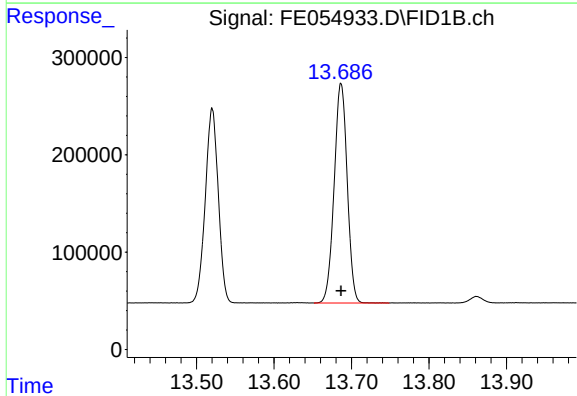
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3066819
Conc: 18.89 ug/ml

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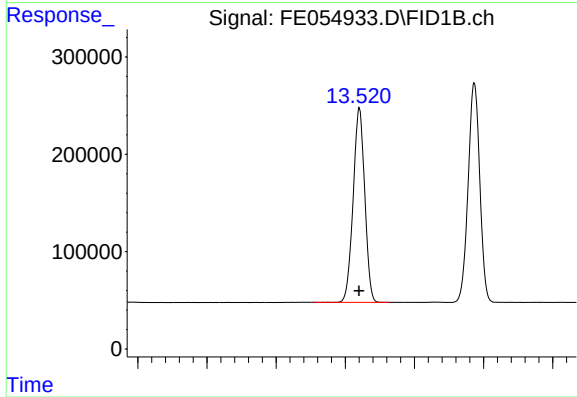
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2709816
Conc: 18.85 ug/ml



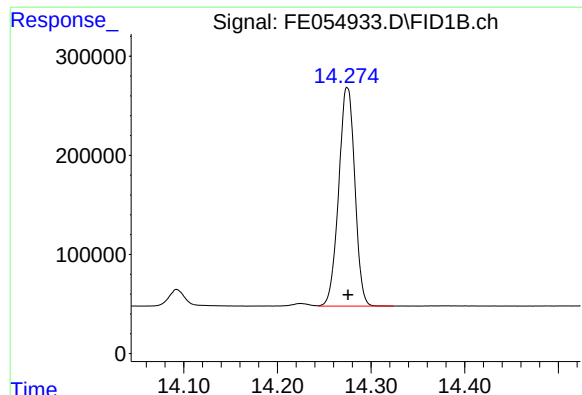
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2640941
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

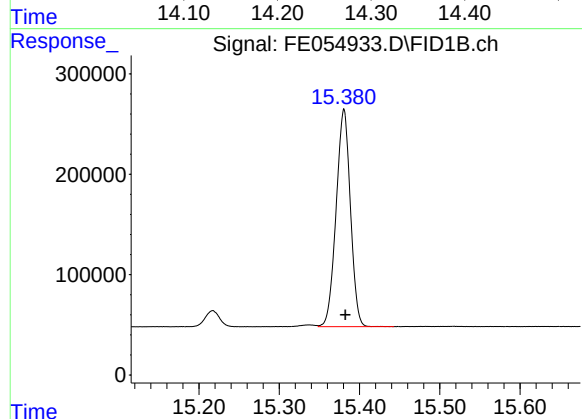
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2327887
Conc: 18.43 ug/ml



#13 n-Docosane (C22)

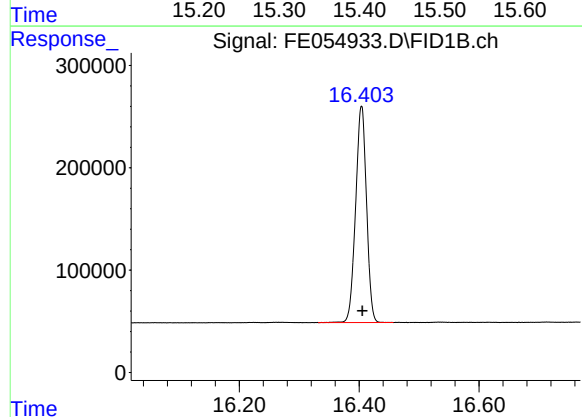
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2640369
Conc: 18.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



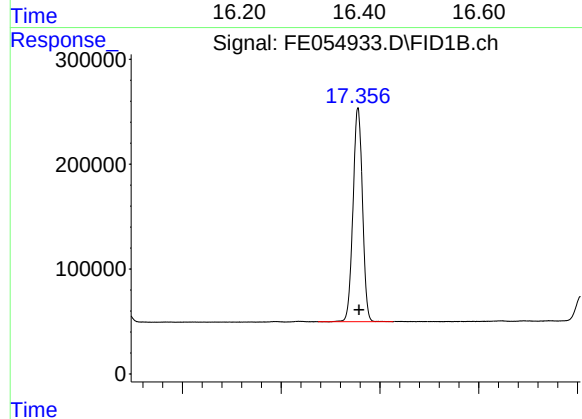
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.002 min
Response: 2673359
Conc: 18.39 ug/ml



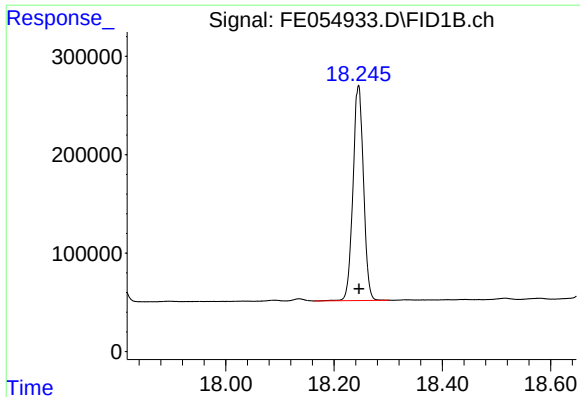
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.001 min
Response: 2666911
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

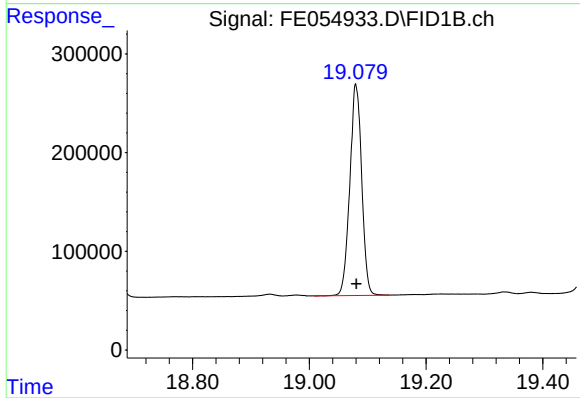
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 2716808
Conc: 18.64 ug/ml



#17 n-Tricontane (C30)

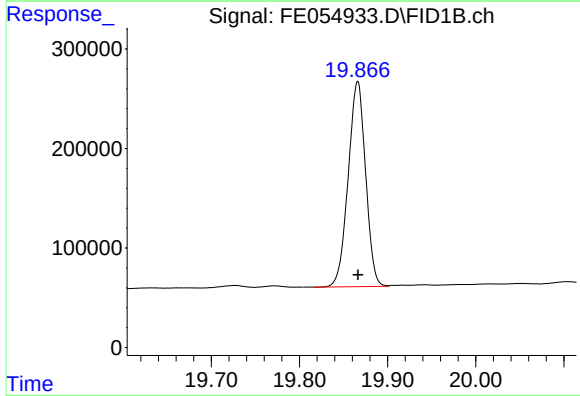
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 2953101
Conc: 18.74 ug/ml

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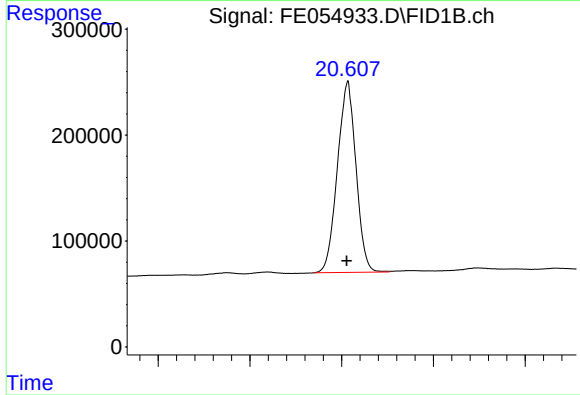
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 3027679
Conc: 18.71 ug/ml



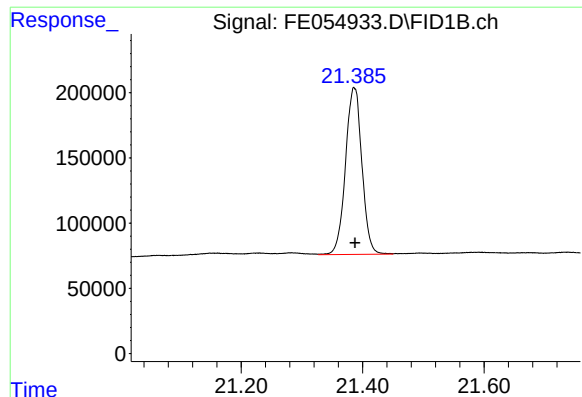
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 2830289
Conc: 18.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 2533497
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

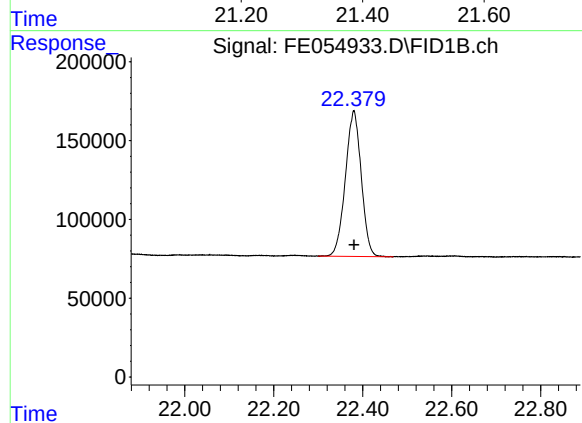
R.T.: 21.386 min
Delta R.T.: -0.001 min
Response: 2396832
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.000 min
Response: 2286125
Conc: 21.09 ug/ml