

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
 Data File : FE054615.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2025 16:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 27 16:47:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.062	3024390	18.624 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.497	2346466	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.417	2487004	18.490 ug/ml
2) T n-Decane (C10)	4.671	2528191	18.528 ug/ml
3) T A~Naphthalene (C11.7)	6.383	2807426	18.542 ug/ml
4) T n-Dodecane (C12)	6.843	2551979	18.599 ug/ml
5) T A~2-methylnaphthalene...	7.482	2738118	18.626 ug/ml
6) T n-Tetradecane (C14)	8.678	2571882	18.553 ug/ml
7) T n-Hexadecane (C16)	10.291	2663419	18.689 ug/ml
8) T n-Octadecane (C18)	11.738	2730589	18.632 ug/ml
10) T n-Eicosane (C20)	13.051	2688195	18.695 ug/ml
11) T n-Heneicosane (C21)	13.664	2657918	18.609 ug/ml
13) T n-Docosane (C22)	14.251	2665297	18.666 ug/ml
14) T n-Tetracosane (C24)	15.356	2700733	18.579 ug/ml
15) T n-Hexacosane (C26)	16.378	2687170	18.569 ug/ml
16) T n-Octacosane (C28)	17.329	2745598	18.839 ug/ml
17) T n-Tricontane (C30)	18.219	3166461	20.094 ug/ml
18) T n-Dotriacontane (C32)	19.052	3414114	21.103 ug/ml
19) T n-Tetratriacontane (C34)	19.836	3264735	21.423 ug/ml
20) T n-Hexatriacontane (C36)	20.575	2804278	20.857 ug/ml
21) T n-Octatriacontane (C38)	21.349	2427919	20.701 ug/ml
22) T n-Tetracontane (C40)	22.328	2139968	19.744 ug/ml

(f)=RT Delta > 1/2 Window

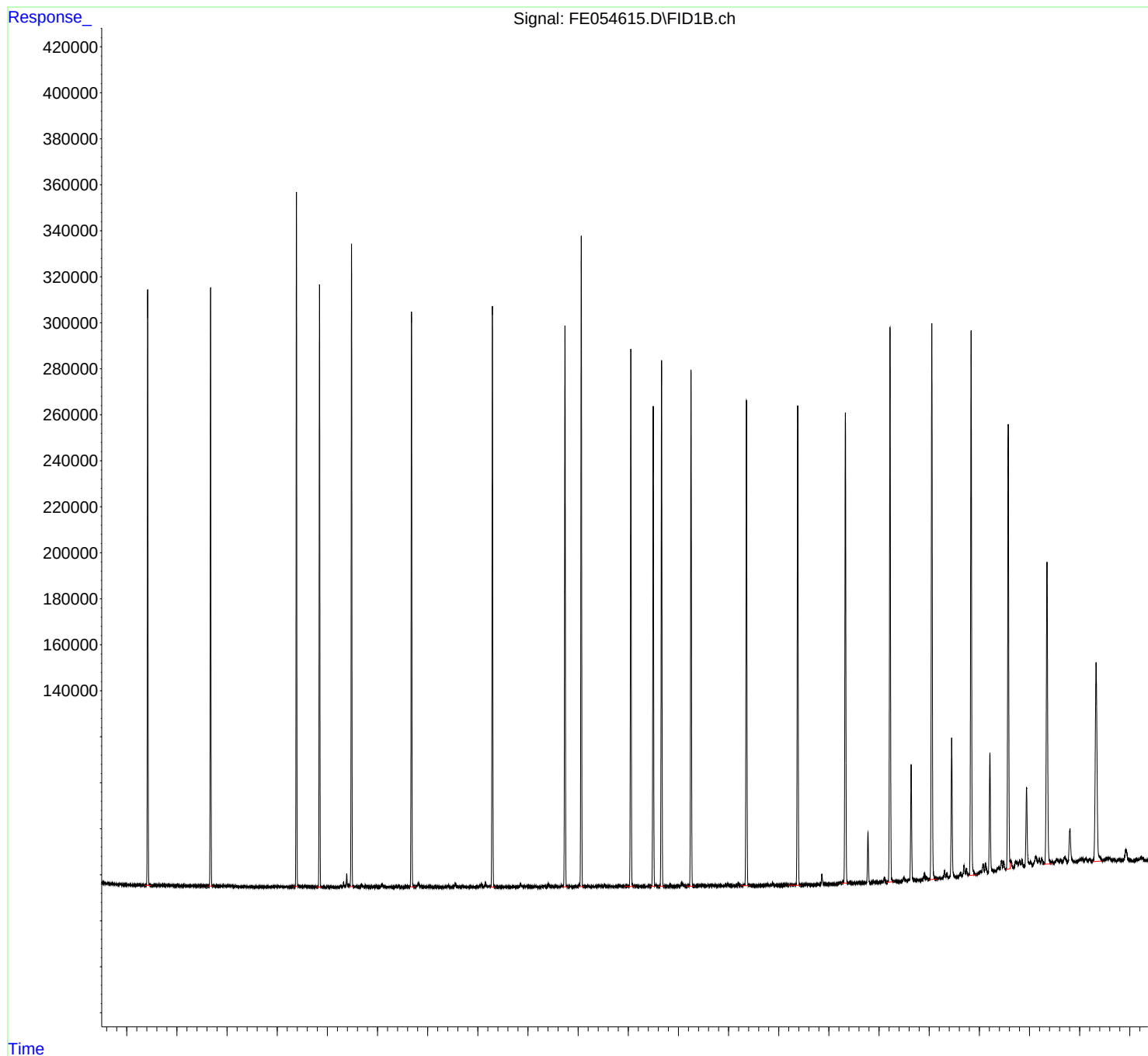
(m)=manual int.

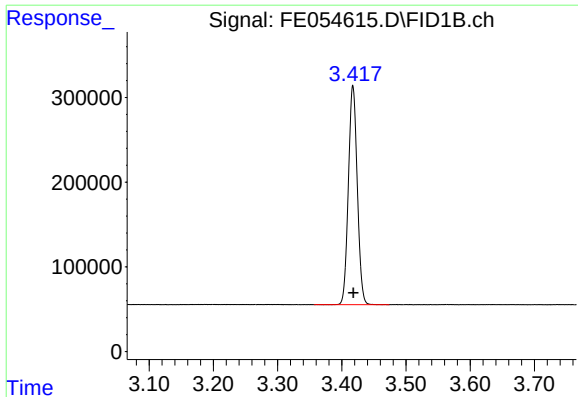
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
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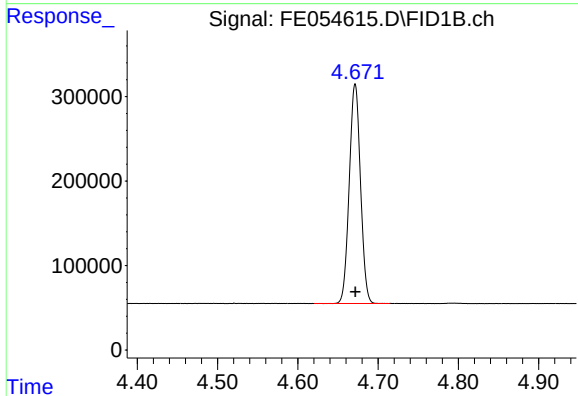




#1 n-Nonane (C9)

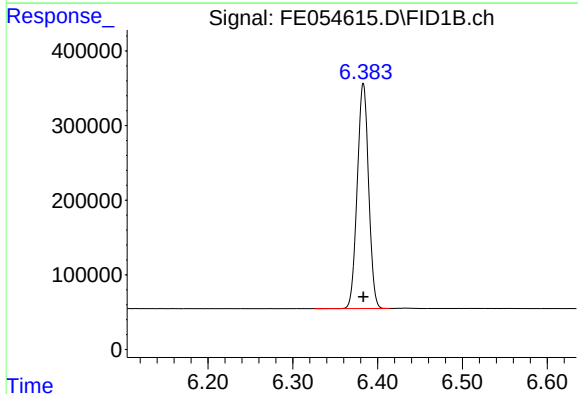
R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 2487004
Conc: 18.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



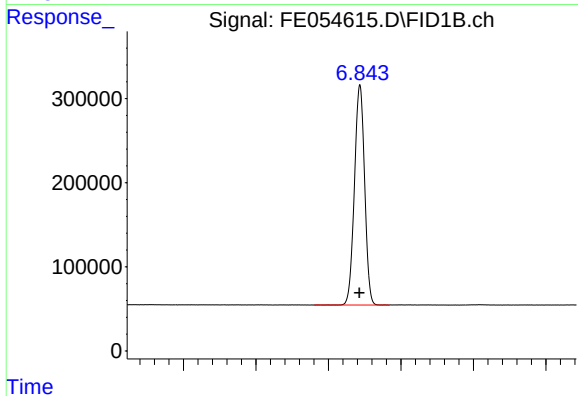
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 2528191
Conc: 18.53 ug/ml



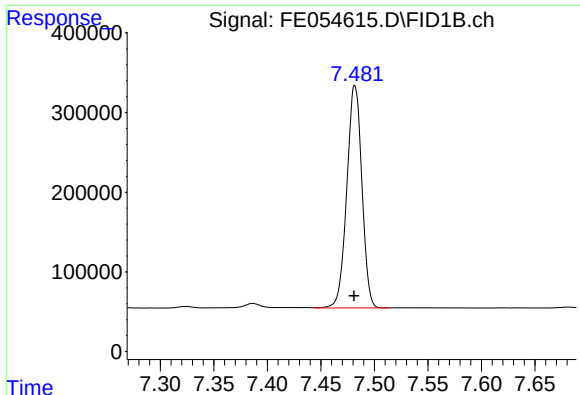
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2807426
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

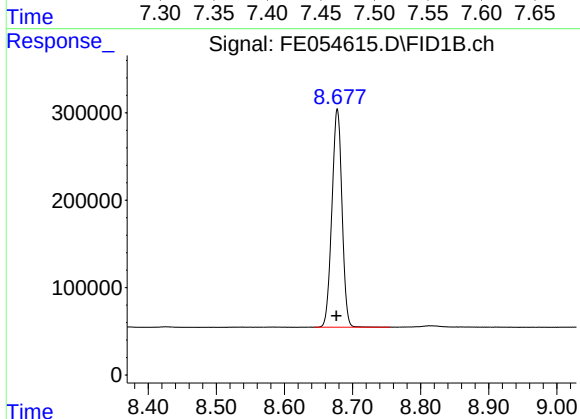
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 2551979
Conc: 18.60 ug/ml



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

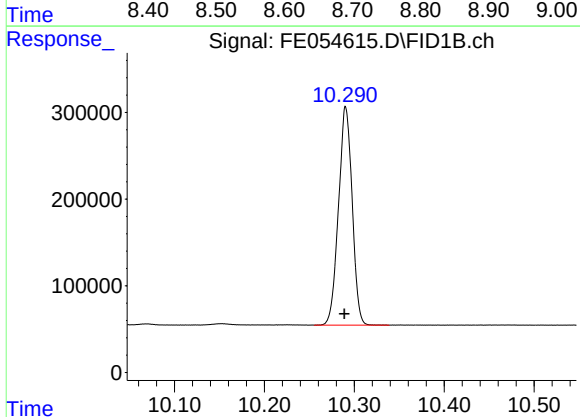
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2738118
Conc: 18.63 ug/ml

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20 PPM ALIPHATIC HC STD



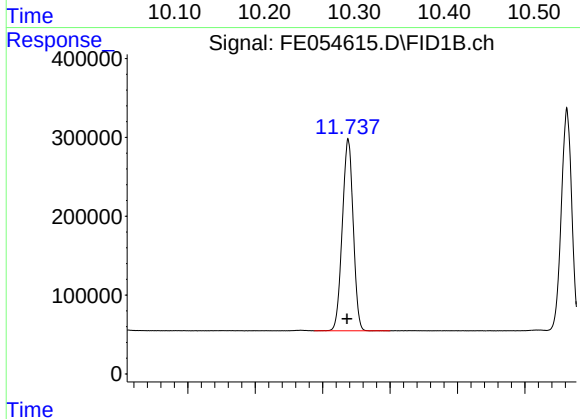
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2571882
Conc: 18.55 ug/ml



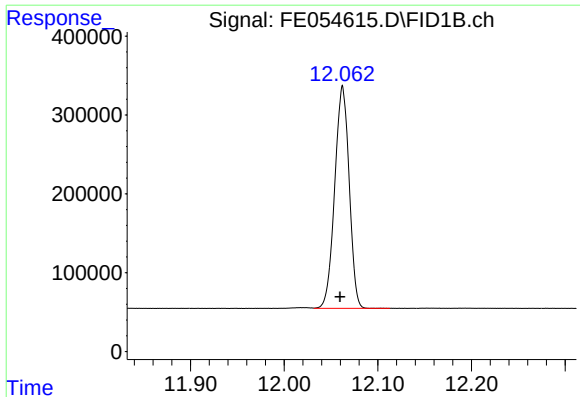
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: 0.002 min
Response: 2663419
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

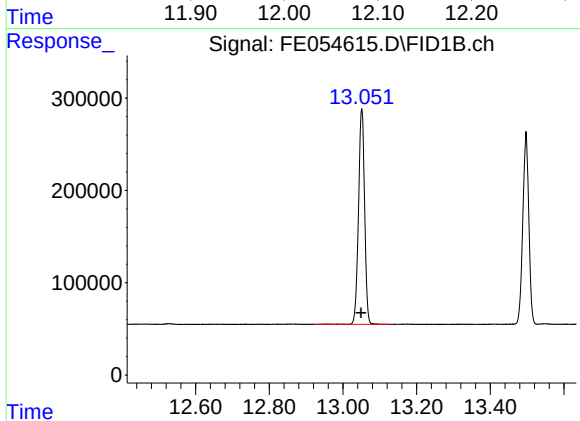
R.T.: 11.738 min
Delta R.T.: 0.002 min
Response: 2730589
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

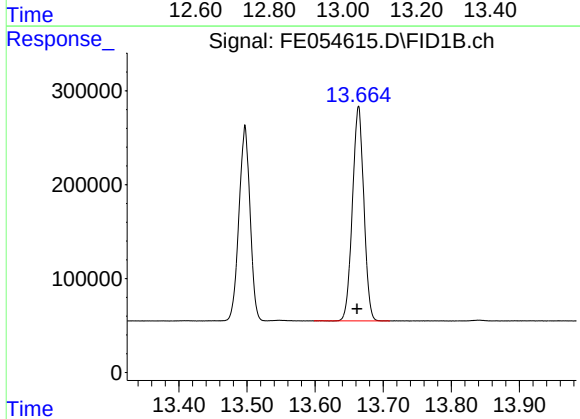
R.T.: 12.062 min
Delta R.T.: 0.003 min
Response: 3024390
Conc: 18.62 ug/ml

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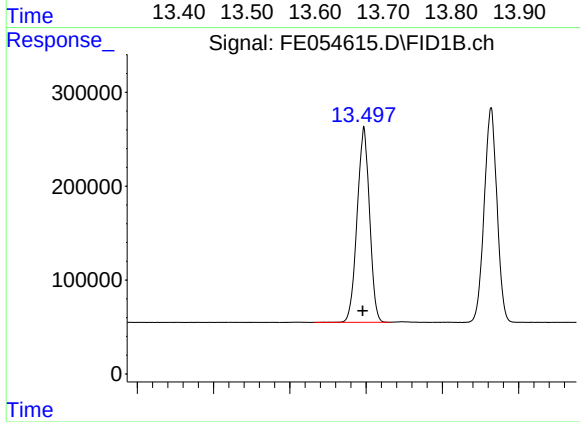
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.002 min
Response: 2688195
Conc: 18.69 ug/ml



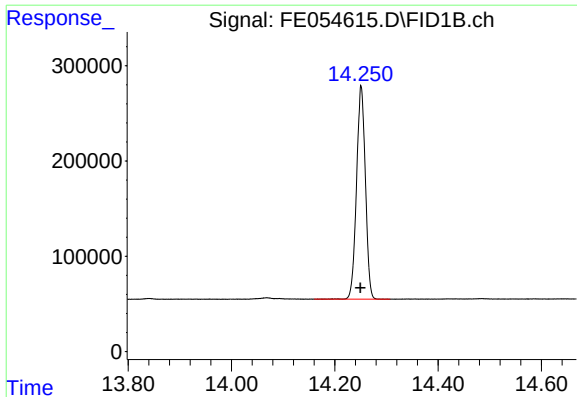
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.002 min
Response: 2657918
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

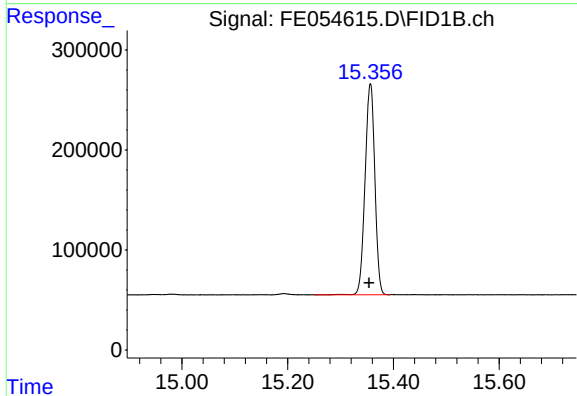
R.T.: 13.497 min
Delta R.T.: 0.002 min
Response: 2346466
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

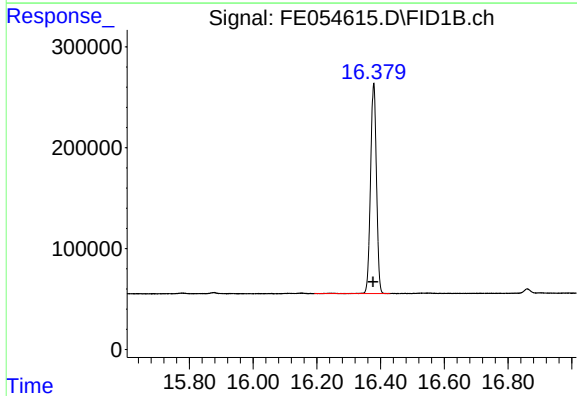
R.T.: 14.251 min
Delta R.T.: 0.001 min
Response: 2665297
Conc: 18.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



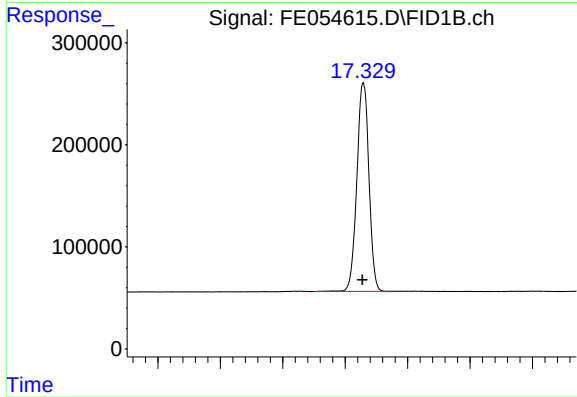
#14 n-Tetracosane (C24)

R.T.: 15.356 min
Delta R.T.: 0.002 min
Response: 2700733
Conc: 18.58 ug/ml



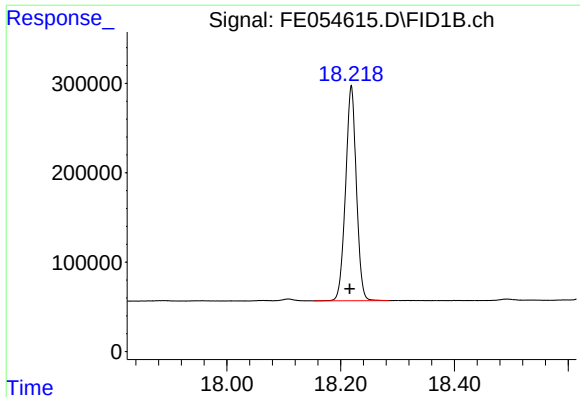
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.002 min
Response: 2687170
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

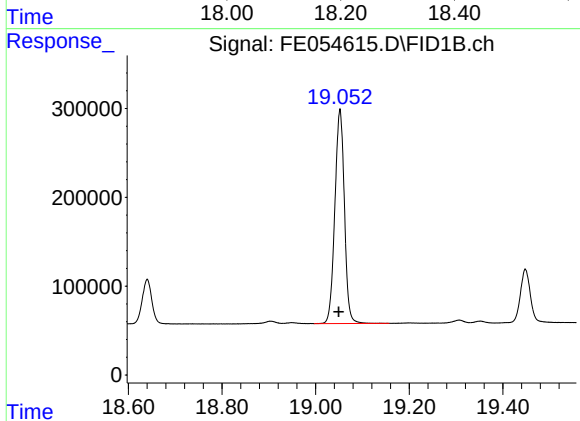
R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 2745598
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

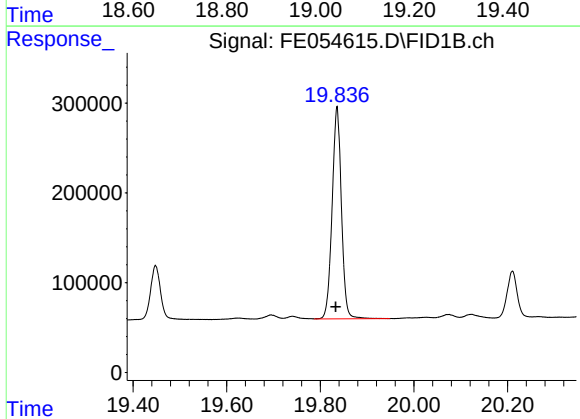
R.T.: 18.219 min
Delta R.T.: 0.003 min
Response: 3166461
Conc: 20.09 ug/ml

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20 PPM ALIPHATIC HC STD



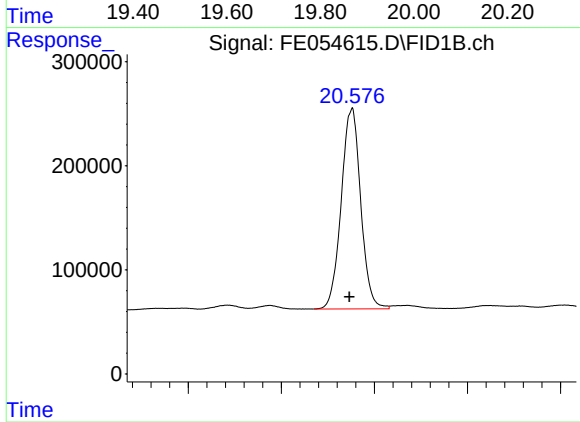
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: 0.003 min
Response: 3414114
Conc: 21.10 ug/ml



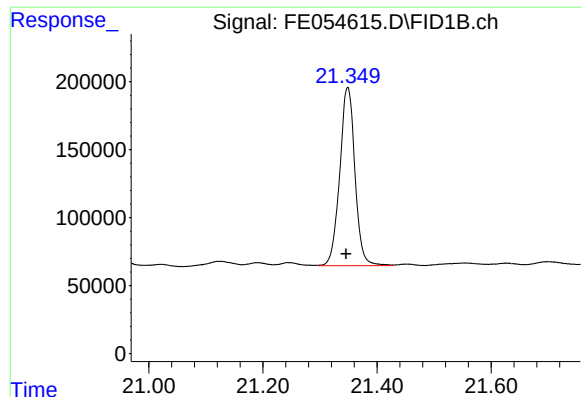
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.003 min
Response: 3264735
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

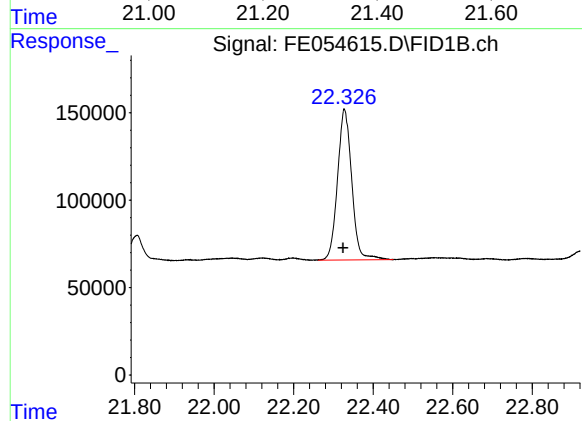
R.T.: 20.575 min
Delta R.T.: 0.002 min
Response: 2804278
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.349 min
Delta R.T.: 0.003 min
Response: 2427919
Conc: 20.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.328 min
Delta R.T.: 0.004 min
Response: 2139968
Conc: 19.74 ug/ml