

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054936.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 09:48
 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 22 01:28:04 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)	12.091	3206740	19.747 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.526	2405985	19.051 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.430	2622113	19.494 ug/ml
2) T n-Decane (C10)	4.687	2728994	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.407	3118778	20.598 ug/ml
4) T n-Dodecane (C12)	6.863	2796273	20.380 ug/ml
5) T A~2-methylnaphthalene...	7.508	3035155	20.647 ug/ml
6) T n-Tetradecane (C14)	8.700	2833497	20.440 ug/ml
7) T n-Hexadecane (C16)	10.315	2949835	20.699 ug/ml
8) T n-Octadecane (C18)	11.764	2961803	20.210 ug/ml
10) T n-Eicosane (C20)	13.079	2815874	19.583 ug/ml
11) T n-Heneicosane (C21)	13.693	2753563	19.278 ug/ml
13) T n-Docosane (C22)	14.281	2726090	19.092 ug/ml
14) T n-Tetracosane (C24)	15.387	2710960	18.649 ug/ml
15) T n-Hexacosane (C26)	16.411	2666440	18.425 ug/ml
16) T n-Octacosane (C28)	17.363	2657546	18.235 ug/ml
17) T n-Tricontane (C30)	18.253	2783864	17.666 ug/ml
18) T n-Dotriacontane (C32)	19.087	2818258	17.420 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2638069	17.311 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2399384	17.845 ug/ml
21) T n-Octatriacontane (C38)	21.396	2454078	20.924 ug/ml
22) T n-Tetracontane (C40)	22.390	2222561	20.506 ug/ml

(f)=RT Delta > 1/2 Window

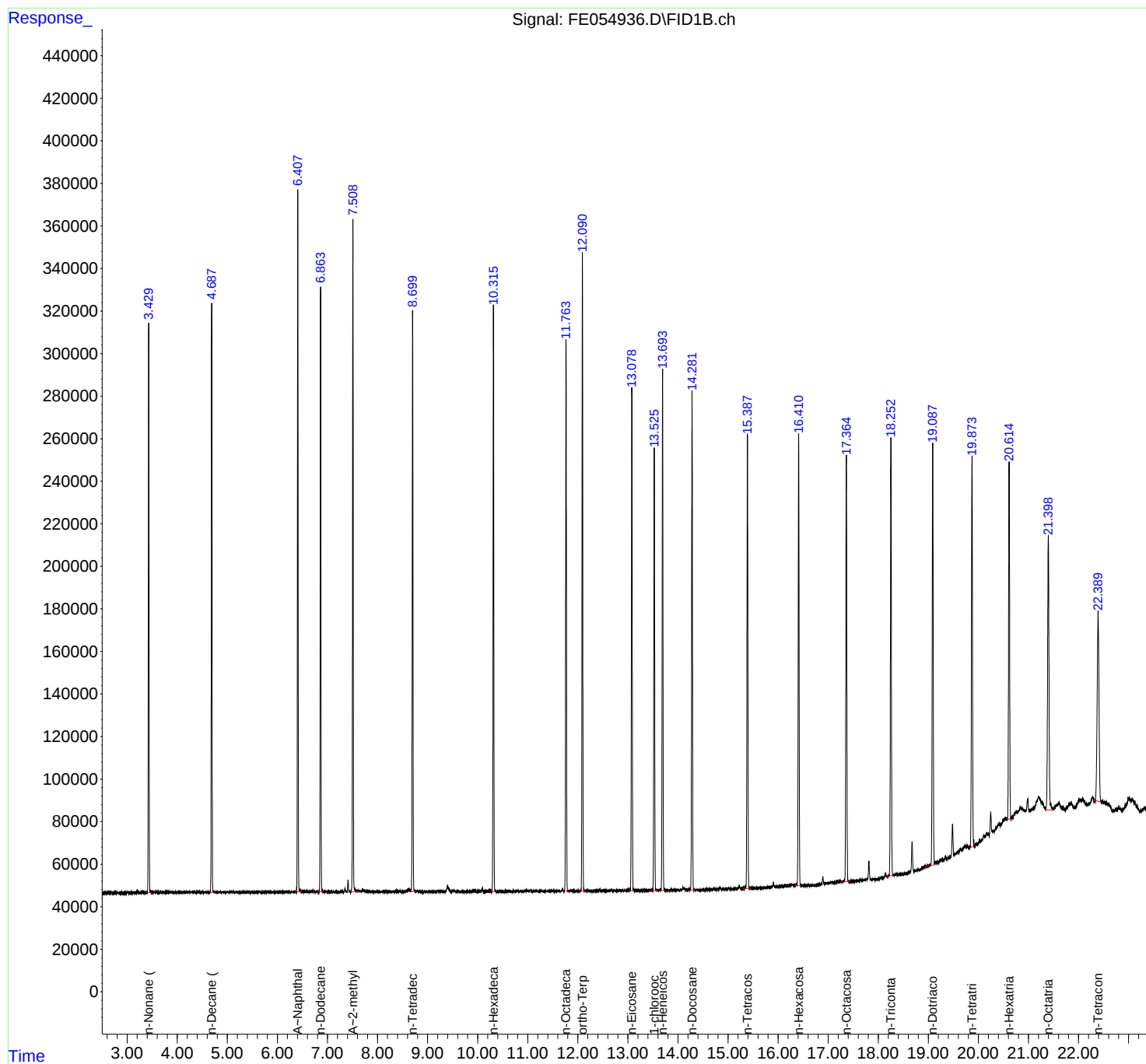
(m)=manual int.

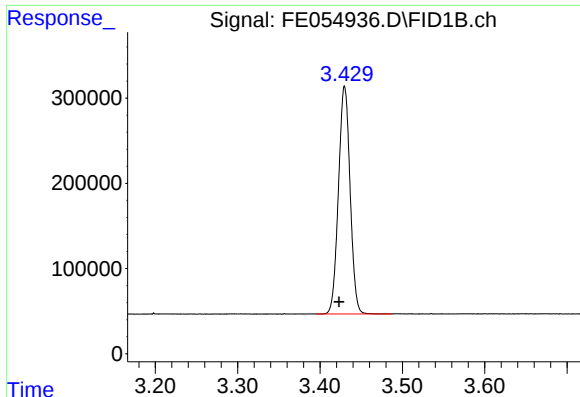
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
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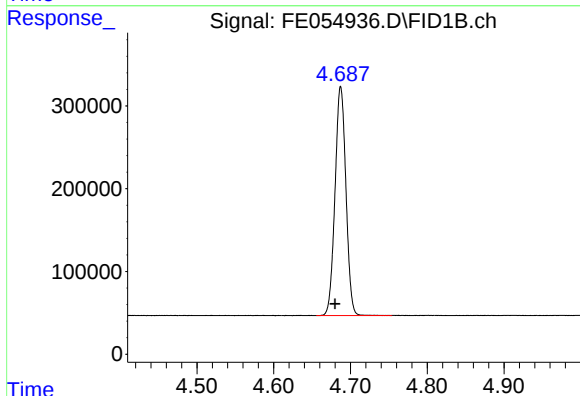




#1 n-Nonane (C9)

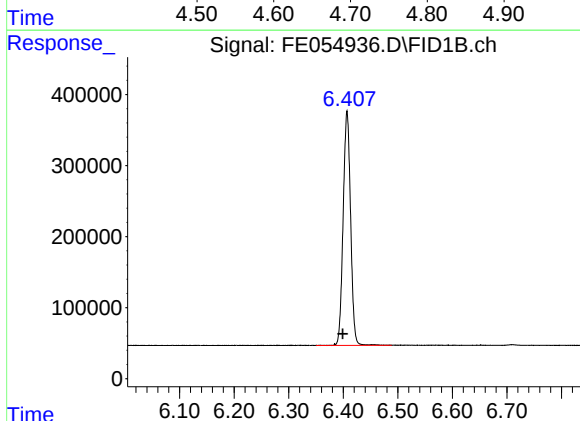
R.T.: 3.430 min
Delta R.T.: 0.007 min
Response: 2622113
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



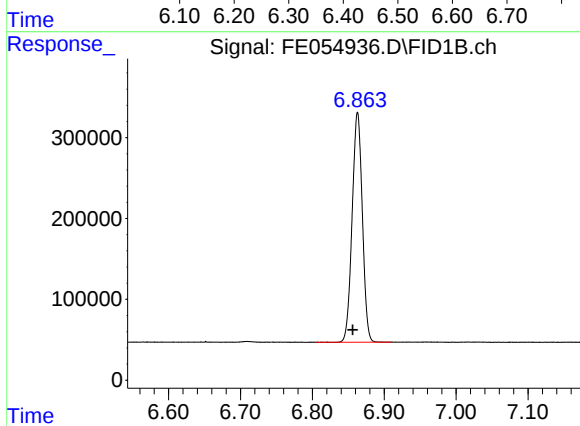
#2 n-Decane (C10)

R.T.: 4.687 min
Delta R.T.: 0.007 min
Response: 2728994
Conc: 20.00 ug/ml



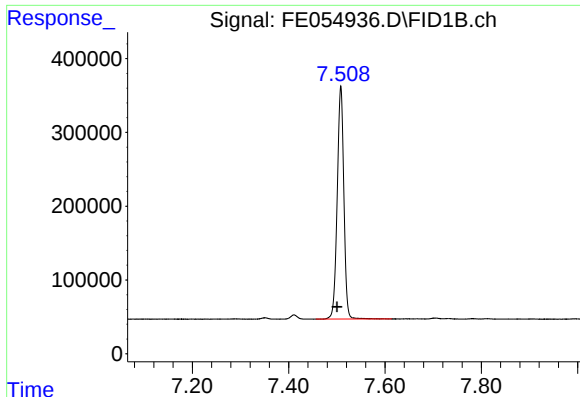
#3 A~Naphthalene (C11.7)

R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 3118778
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

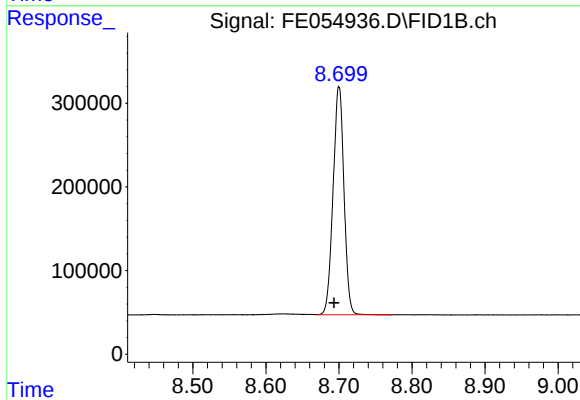
R.T.: 6.863 min
Delta R.T.: 0.007 min
Response: 2796273
Conc: 20.38 ug/ml



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

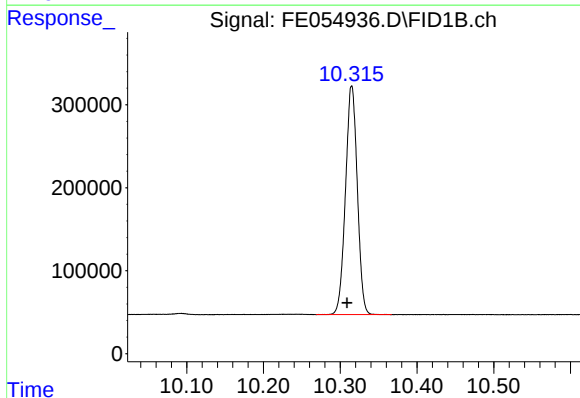
R.T.: 7.508 min
Delta R.T.: 0.008 min
Response: 3035155
Conc: 20.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



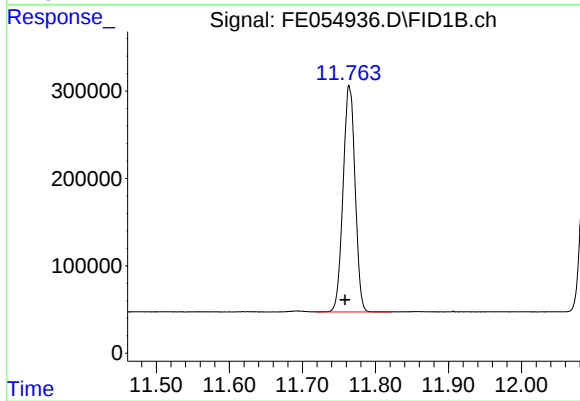
#6 n-Tetradecane (C14)

R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 2833497
Conc: 20.44 ug/ml



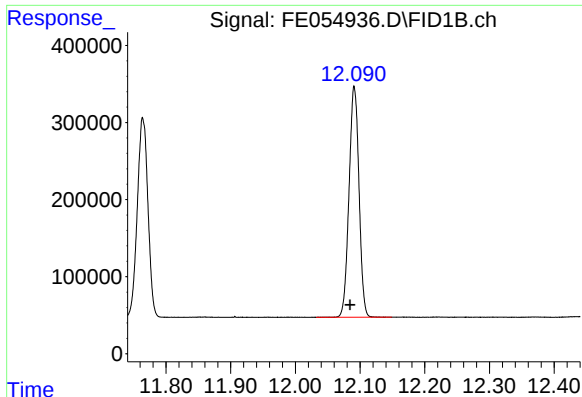
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 2949835
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

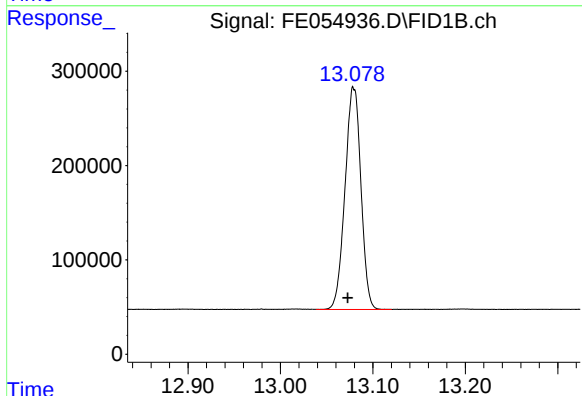
R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 2961803
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

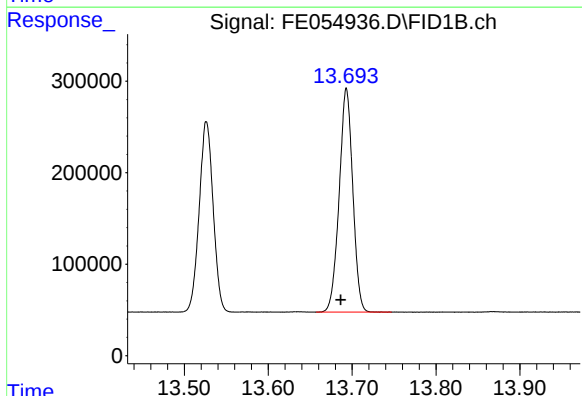
R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 3206740
Conc: 19.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



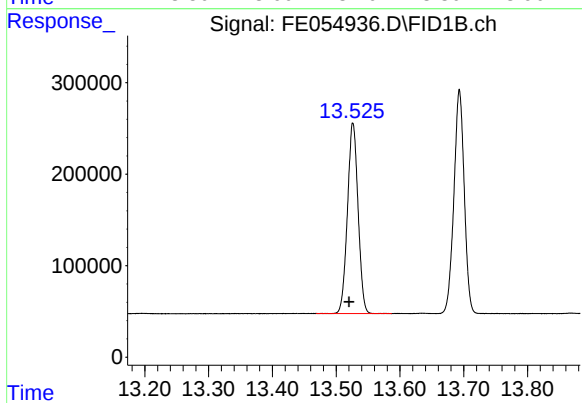
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 2815874
Conc: 19.58 ug/ml



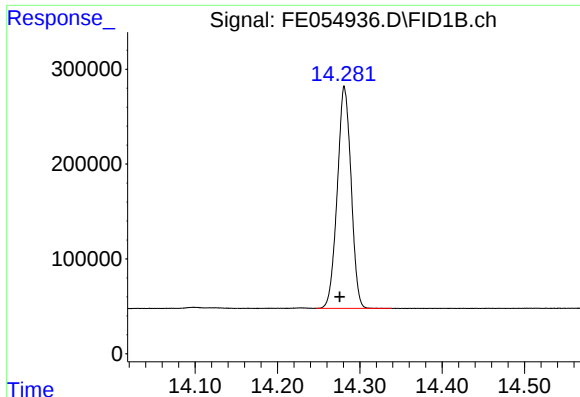
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 2753563
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

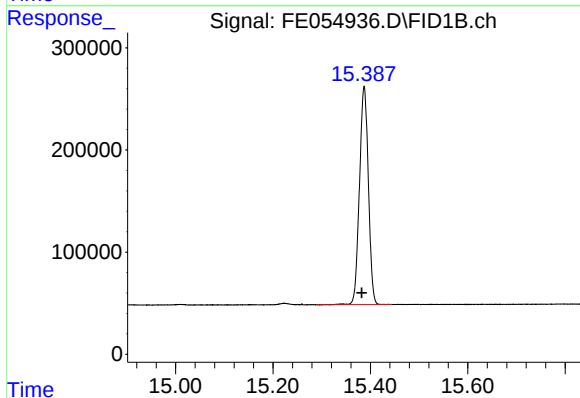
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 2405985
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

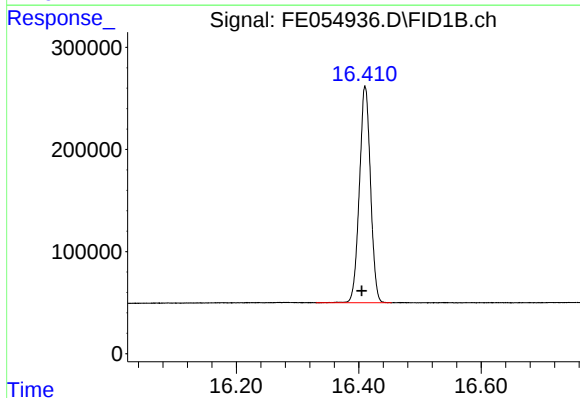
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 2726090
Conc: 19.09 ug/ml

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20 PPM ALIPHATIC HC STD



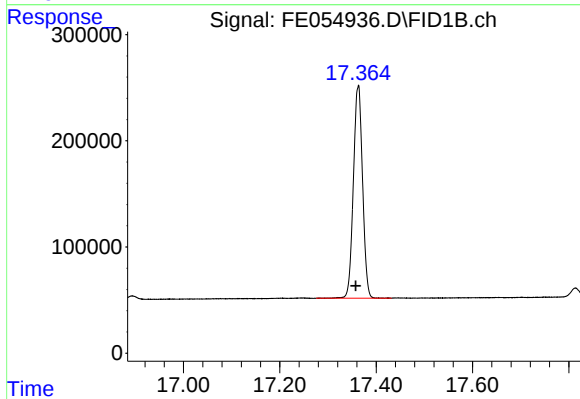
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 2710960
Conc: 18.65 ug/ml



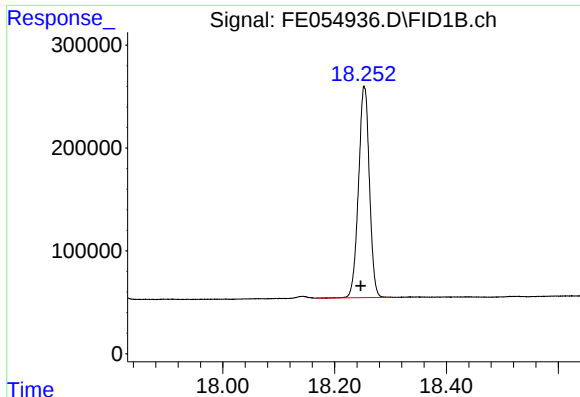
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 2666440
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

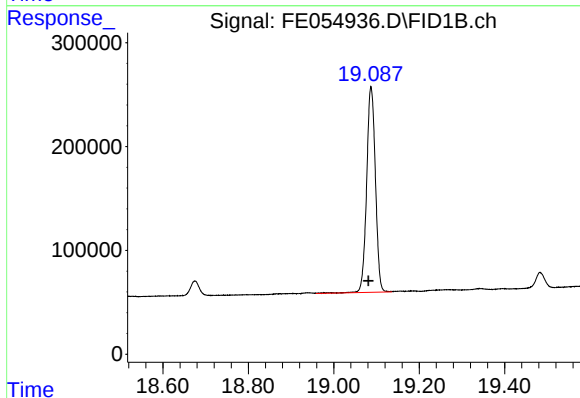
R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 2657546
Conc: 18.24 ug/ml



#17 n-Tricontane (C30)

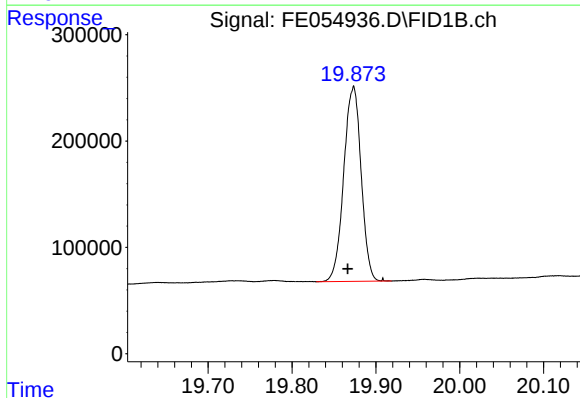
R.T.: 18.253 min
Delta R.T.: 0.007 min
Response: 2783864
Conc: 17.67 ug/ml

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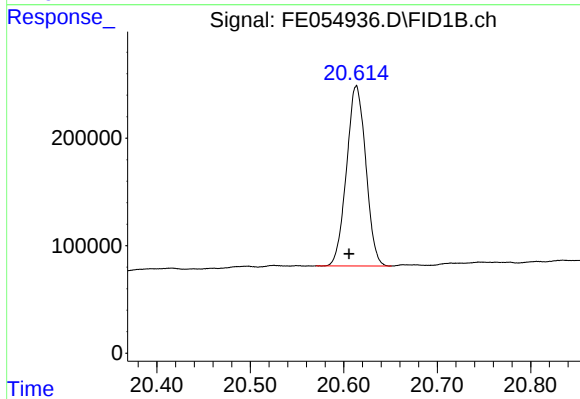
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.007 min
Response: 2818258
Conc: 17.42 ug/ml



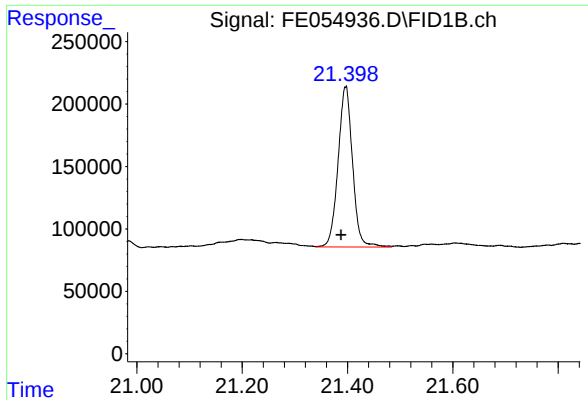
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.007 min
Response: 2638069
Conc: 17.31 ug/ml



#20 n-Hexatriacontane (C36)

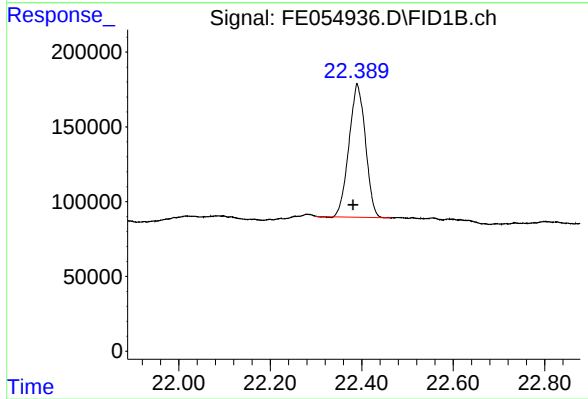
R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 2399384
Conc: 17.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.009 min
Response: 2454078
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 2222561
Conc: 20.51 ug/ml