

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016859.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 13:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 09 04:33:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 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)	11.945	2907968	19.630 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.387	2185477	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.303	2359151	19.664 ug/ml
2) T n-Decane (C10)	4.562	2501934	20.465 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2618956	20.330 ug/ml
4) T n-Dodecane (C12)	6.739	2536725	20.596 ug/ml
5) T A~2-methylnaphthalene...	7.372	2510555	20.625 ug/ml
6) T n-Tetradecane (C14)	8.572	2517192	20.739 ug/ml
7) T n-Hexadecane (C16)	10.182	2463441	19.379 ug/ml
8) T n-Octadecane (C18)	11.628	2649324	20.051 ug/ml
10) T n-Eicosane (C20)	12.942	2591457	19.682 ug/ml
11) T n-Heneicosane (C21)	13.556	2540760	19.460 ug/ml
13) T n-Docosane (C22)	14.143	2559913	19.251 ug/ml
14) T n-Tetracosane (C24)	15.250	2605378	18.729 ug/ml
15) T n-Hexacosane (C26)	16.275	2550058	18.406 ug/ml
16) T n-Octacosane (C28)	17.229	2567027	18.574 ug/ml
17) T n-Tricontane (C30)	18.120	2748828	19.546 ug/ml
18) T n-Dotriacontane (C32)	18.956	2770740	20.440 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2517329	21.279 ug/ml
20) T n-Hexatriacontane (C36)	20.485	2264789	23.084 ug/ml
21) T n-Octatriacontane (C38)	21.240	1848109	20.997 ug/ml
22) T n-Tetracontane (C40)	22.176	1637525	19.310 ug/ml

(f)=RT Delta > 1/2 Window

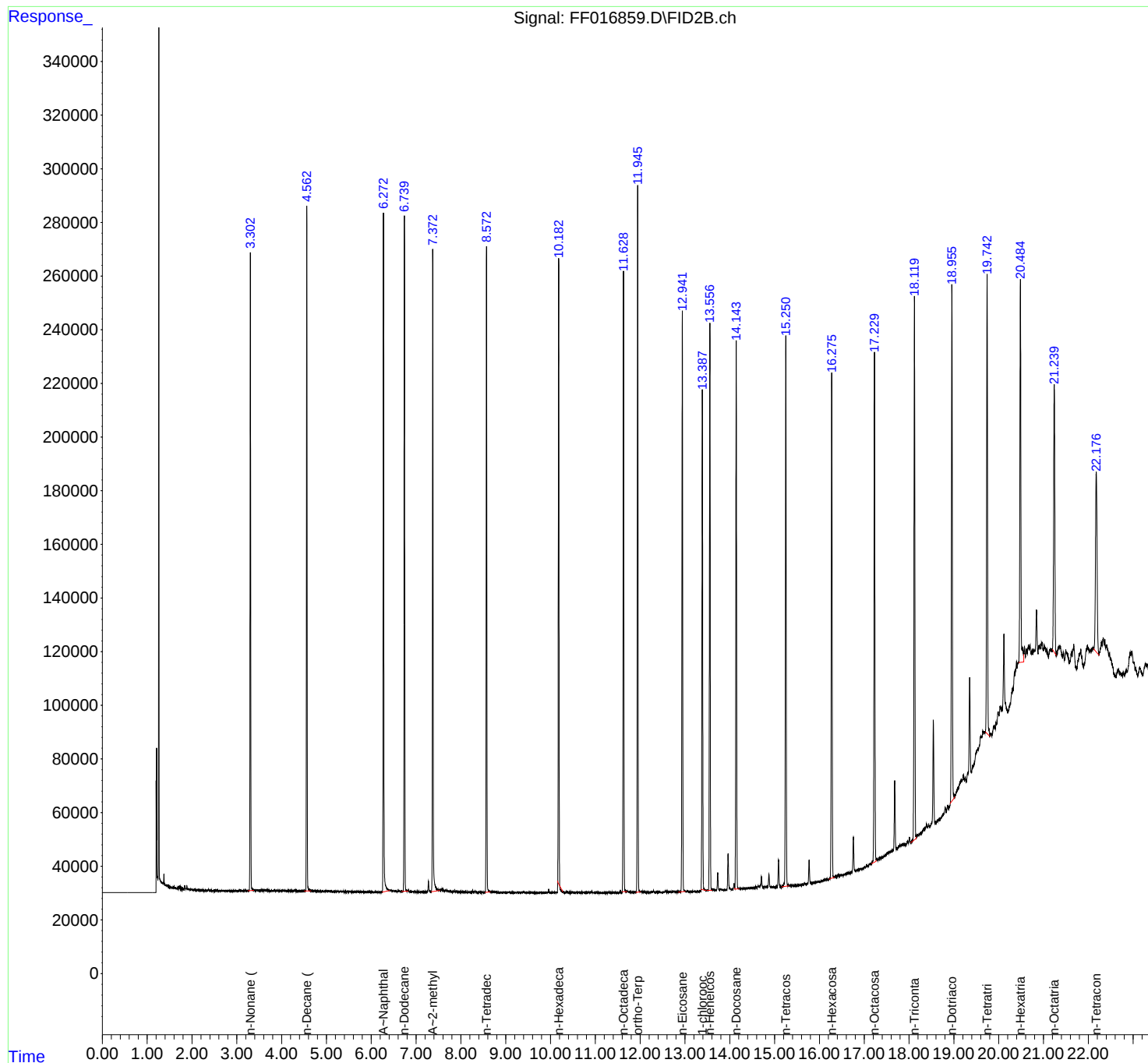
(m)=manual int.

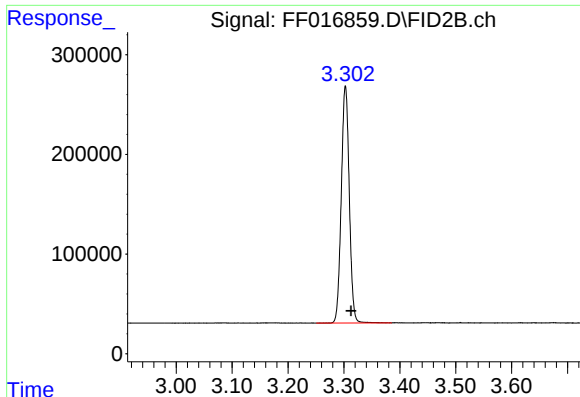
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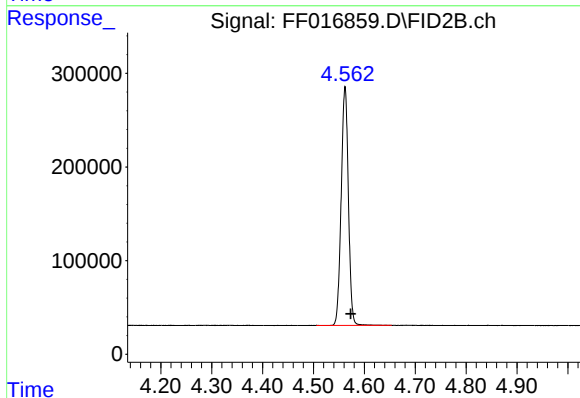




#1 n-Nonane (C9)

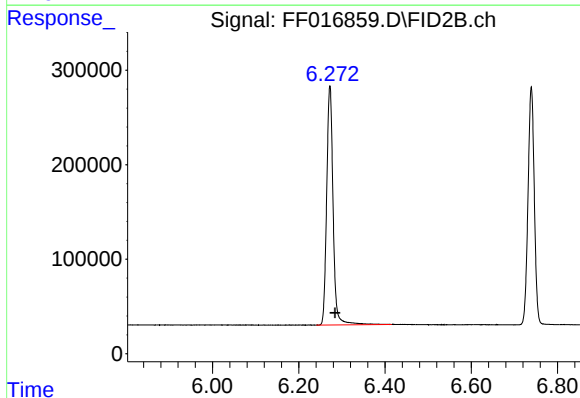
R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 2359151
Conc: 19.66 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



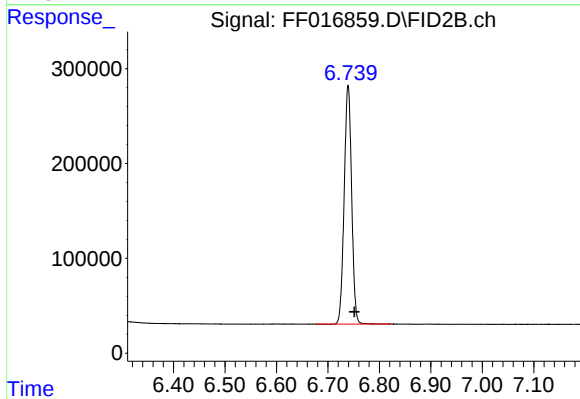
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.012 min
Response: 2501934
Conc: 20.47 ug/ml



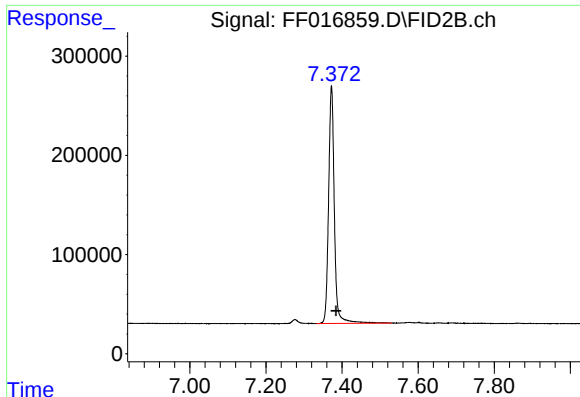
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.012 min
Response: 2618956
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

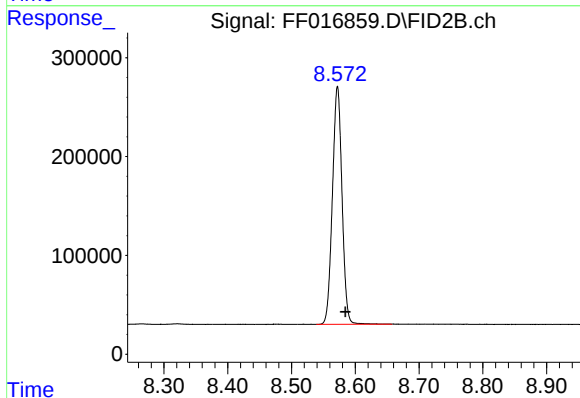
R.T.: 6.739 min
Delta R.T.: -0.012 min
Response: 2536725
Conc: 20.60 ug/ml



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

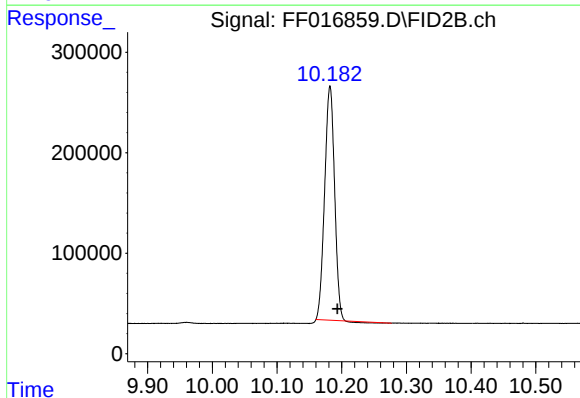
R.T.: 7.372 min
Delta R.T.: -0.012 min
Response: 2510555
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



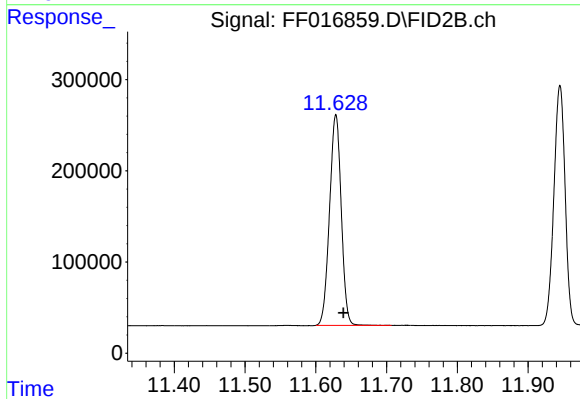
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.013 min
Response: 2517192
Conc: 20.74 ug/ml



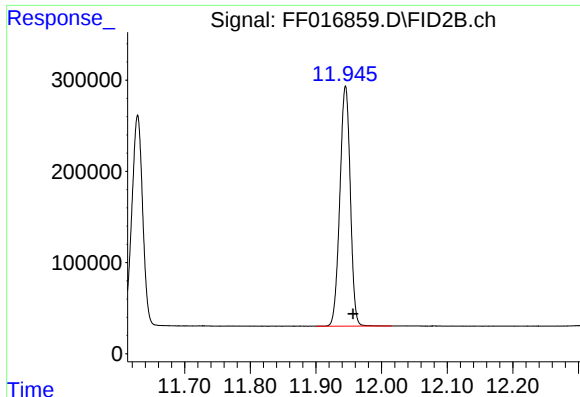
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.012 min
Response: 2463441
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

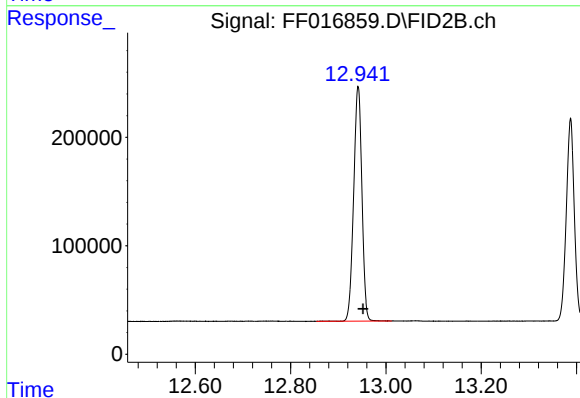
R.T.: 11.628 min
Delta R.T.: -0.011 min
Response: 2649324
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

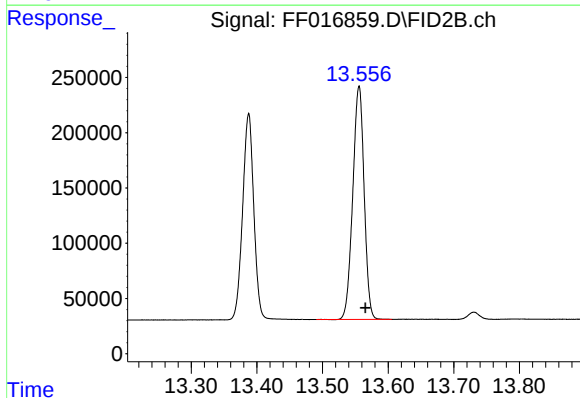
R.T.: 11.945 min
Delta R.T.: -0.012 min
Response: 2907968
Conc: 19.63 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



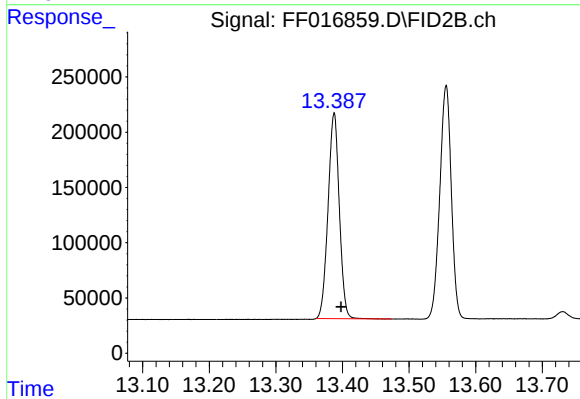
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.010 min
Response: 2591457
Conc: 19.68 ug/ml



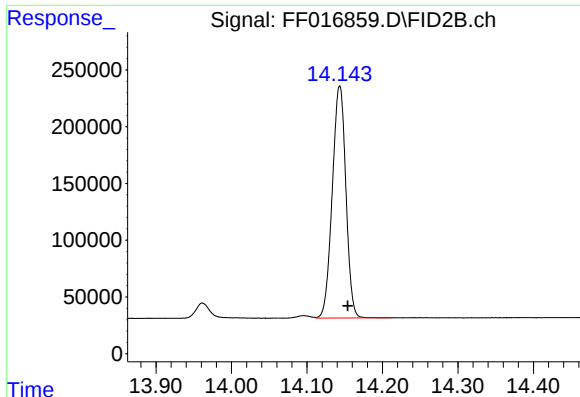
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.010 min
Response: 2540760
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

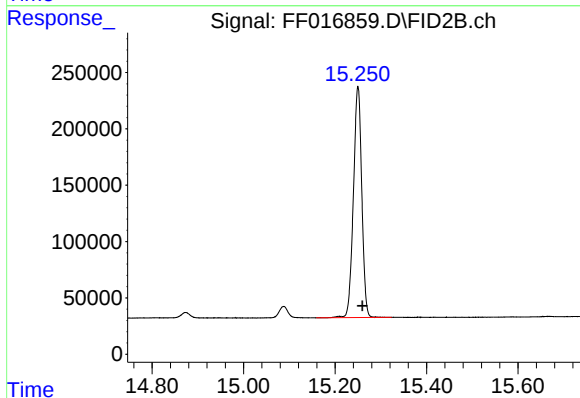
R.T.: 13.387 min
Delta R.T.: -0.011 min
Response: 2185477
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

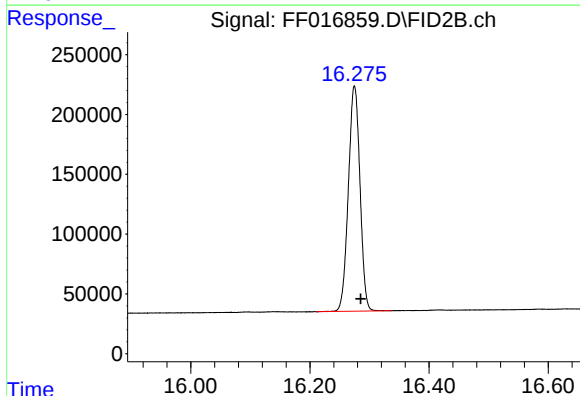
R.T.: 14.143 min
Delta R.T.: -0.011 min
Response: 2559913
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



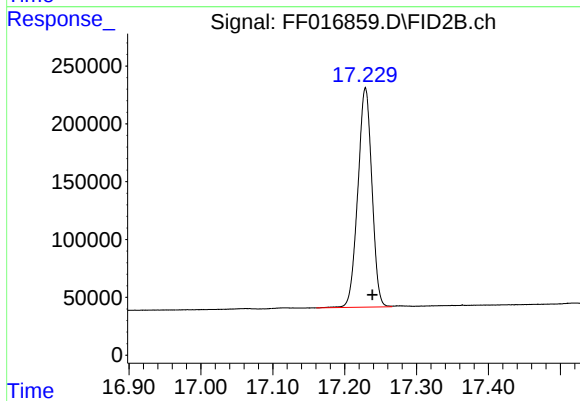
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.010 min
Response: 2605378
Conc: 18.73 ug/ml



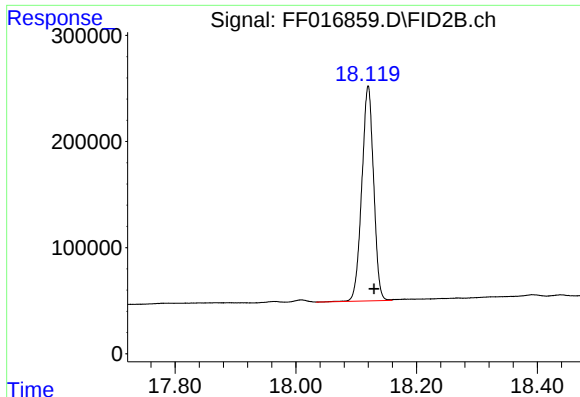
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.010 min
Response: 2550058
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

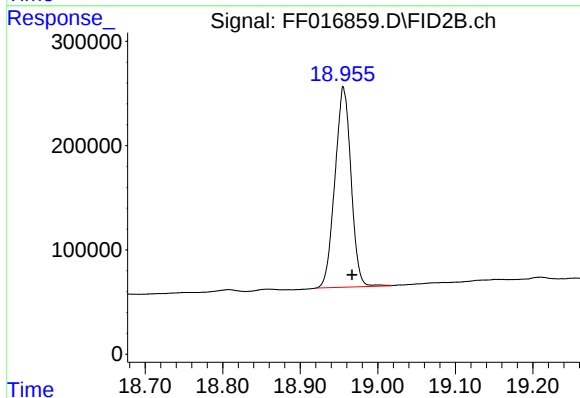
R.T.: 17.229 min
Delta R.T.: -0.010 min
Response: 2567027
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

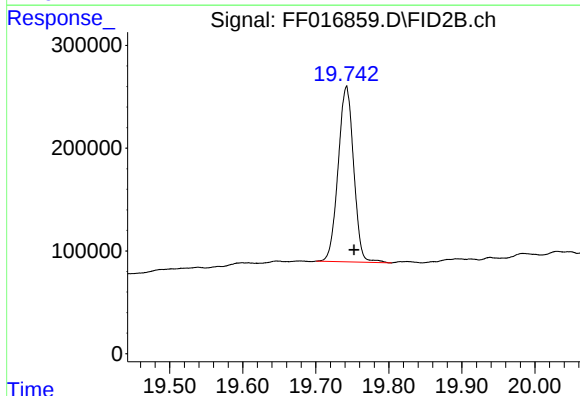
R.T.: 18.120 min
Delta R.T.: -0.010 min
Response: 2748828
Conc: 19.55 ug/ml

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20 PPM ALIPHATIC HC STD



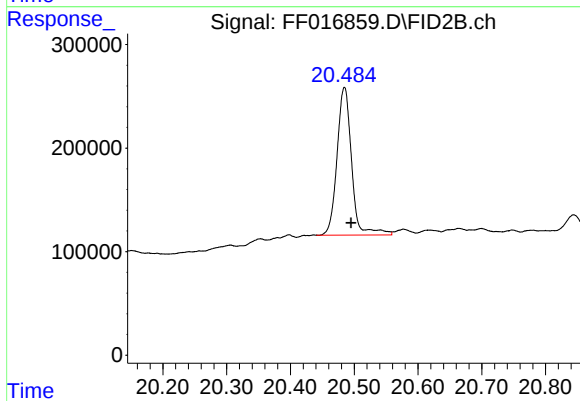
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: -0.011 min
Response: 2770740
Conc: 20.44 ug/ml



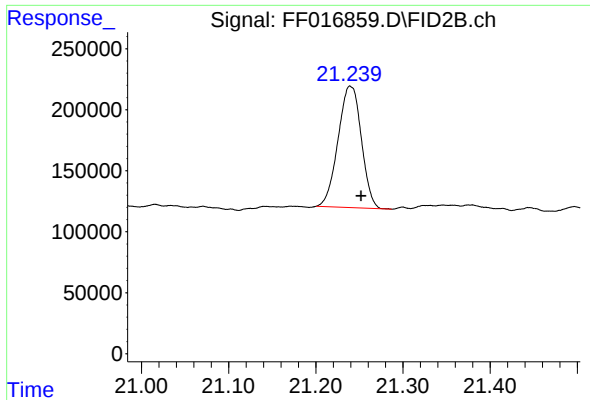
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: -0.011 min
Response: 2517329
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

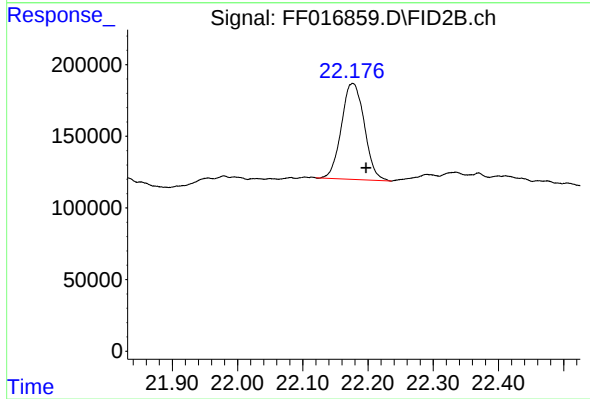
R.T.: 20.485 min
Delta R.T.: -0.011 min
Response: 2264789
Conc: 23.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.012 min
Response: 1848109
Conc: 21.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: -0.021 min
Response: 1637525
Conc: 19.31 ug/ml