

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016269.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 18:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 29 04:16:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.979	2801267	19.368 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
12) S 1-chlorooctadecane (S...	13.419	2149361	19.269 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	3.334	2285605	19.549 ug/ml
2) T n-Decane (C10)	4.595	2318381	19.573 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2565939	19.647 ug/ml
4) T n-Dodecane (C12)	6.772	2355232	19.622 ug/ml
5) T A~2-methylnaphthalene...	7.404	2501831	19.650 ug/ml
6) T n-Tetradecane (C14)	8.606	2360831	19.592 ug/ml
7) T n-Hexadecane (C16)	10.215	2428434	19.445 ug/ml
8) T n-Octadecane (C18)	11.661	2521859	19.469 ug/ml
10) T n-Eicosane (C20)	12.973	2477238	19.373 ug/ml
11) T n-Heneicosane (C21)	13.587	2450598	19.301 ug/ml
13) T n-Docosane (C22)	14.174	2449404	19.292 ug/ml
14) T n-Tetracosane (C24)	15.280	2446715	19.127 ug/ml
15) T n-Hexacosane (C26)	16.304	2385360	19.082 ug/ml
16) T n-Octacosane (C28)	17.256	2337838	19.081 ug/ml
17) T n-Tricontane (C30)	18.146	2397468	19.250 ug/ml
18) T n-Dotriacontane (C32)	18.982	2336839	19.388 ug/ml
19) T n-Tetratriacontane (C34)	19.767	2123674	19.475 ug/ml
20) T n-Hexatriacontane (C36)	20.509	1816304	19.461 ug/ml
21) T n-Octatriacontane (C38)	21.270	1638983	19.489 ug/ml
22) T n-Tetracontane (C40)	22.219	1541845	19.639 ug/ml

(f)=RT Delta > 1/2 Window

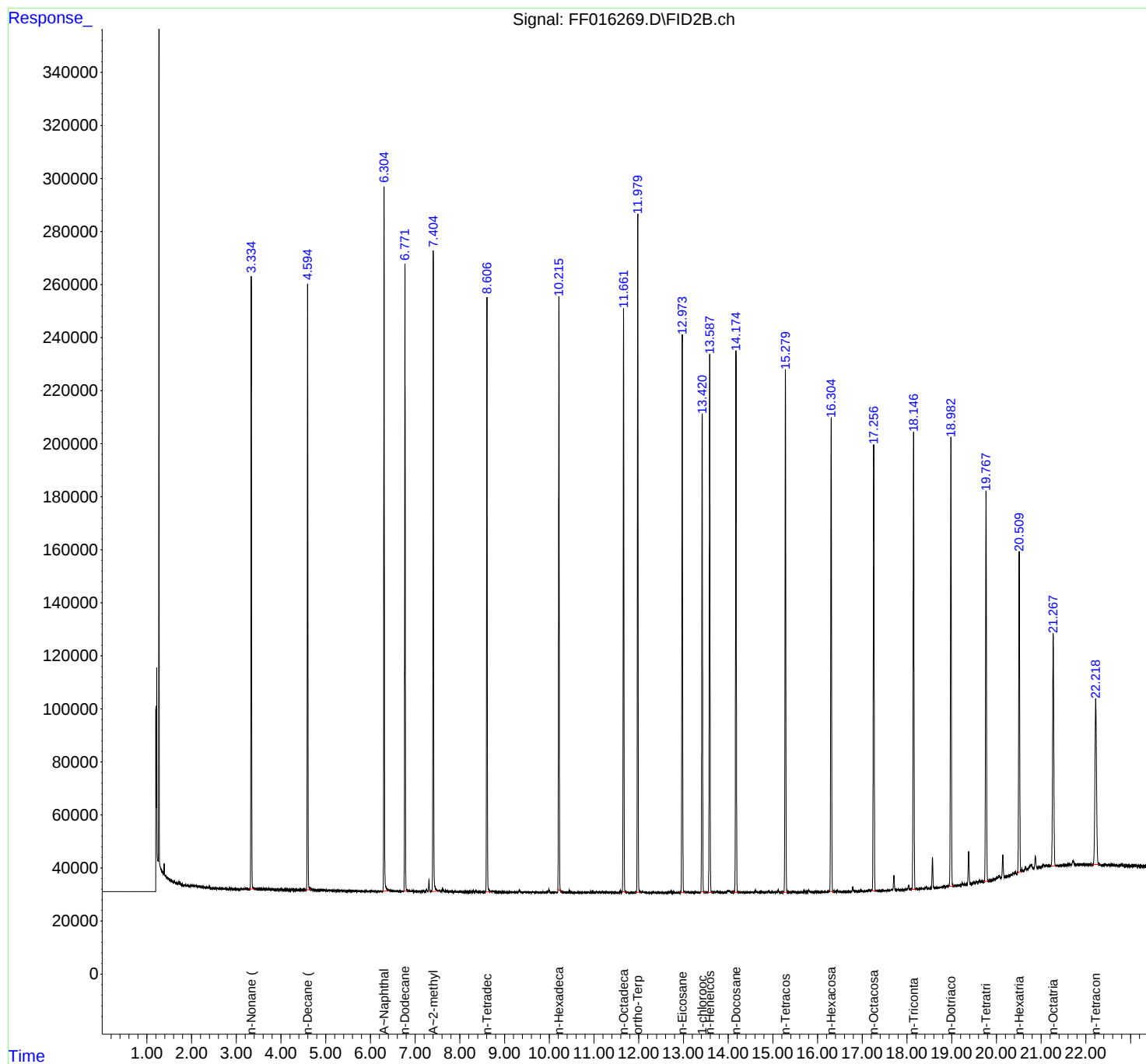
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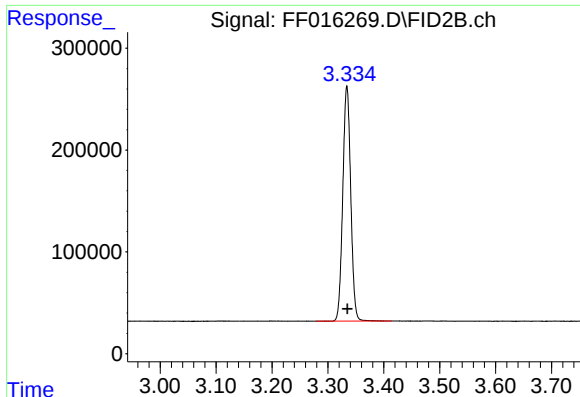
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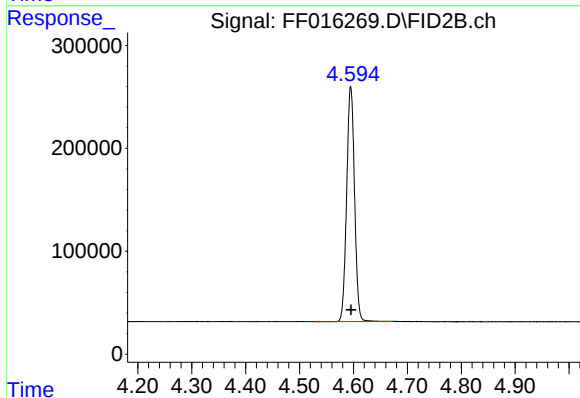




#1 n-Nonane (C9)

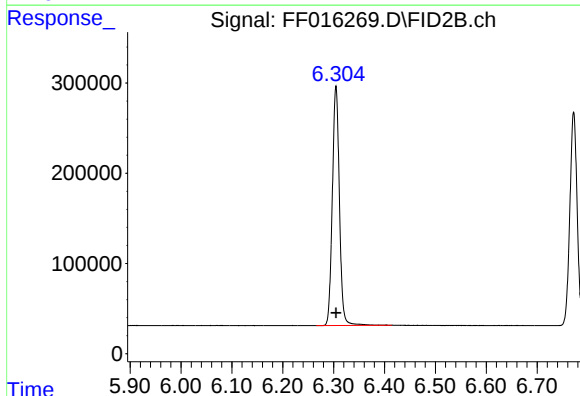
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2285605
Conc: 19.55 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



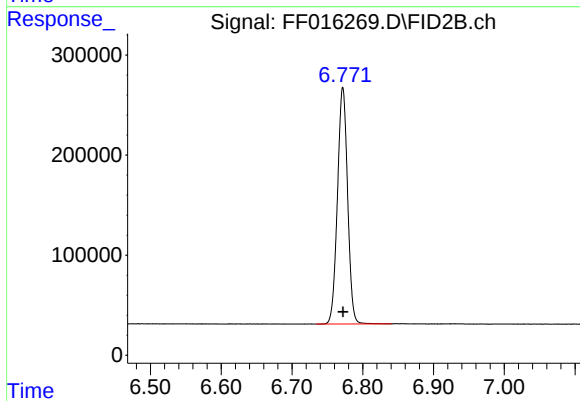
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 2318381
Conc: 19.57 ug/ml



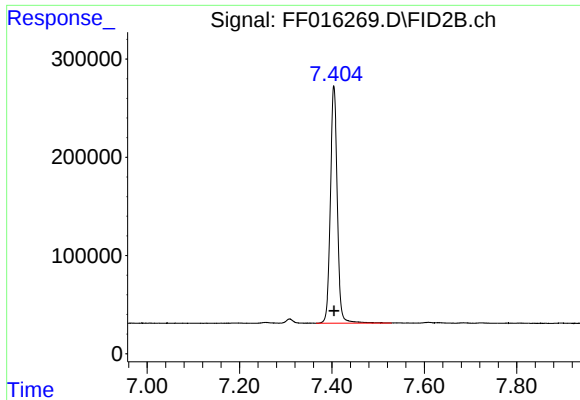
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2565939
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

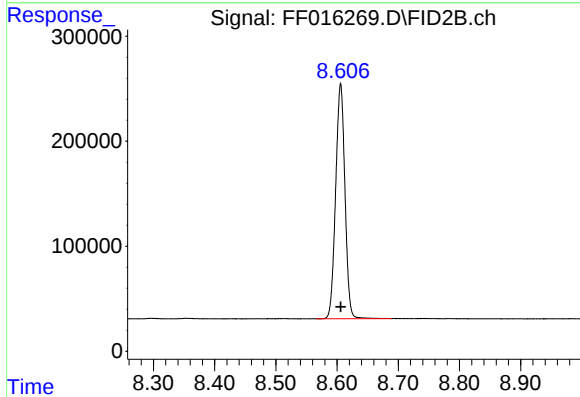
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2355232
Conc: 19.62 ug/ml



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

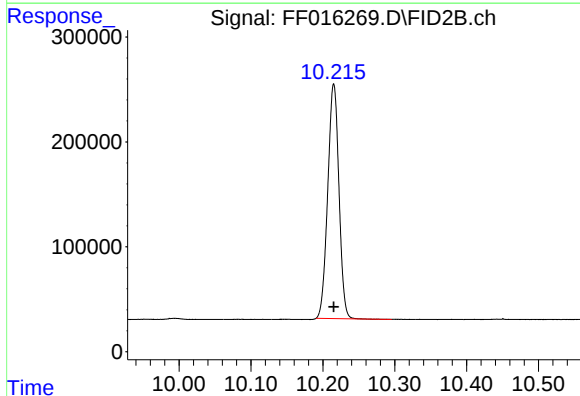
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2501831
Conc: 19.65 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



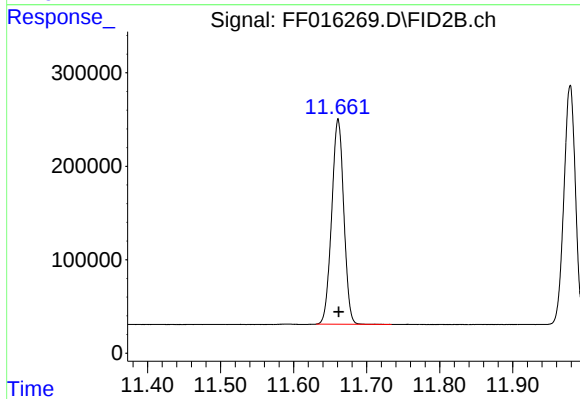
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 2360831
Conc: 19.59 ug/ml



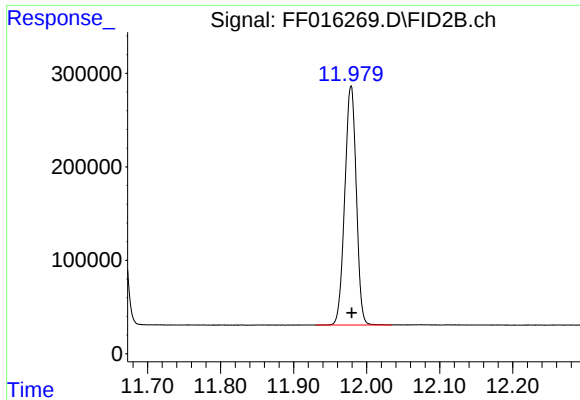
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2428434
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

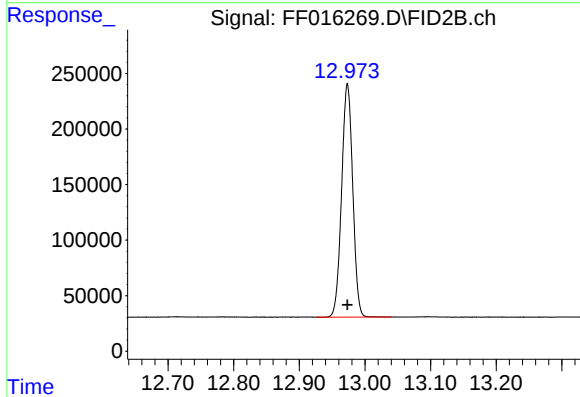
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 2521859
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

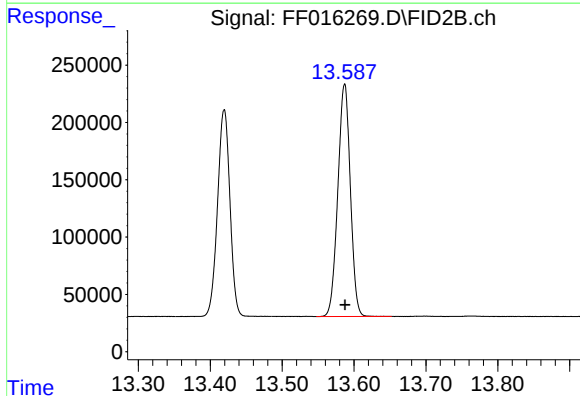
R.T.: 11.979 min
Delta R.T.: -0.001 min
Response: 2801267
Conc: 19.37 ug/ml

Instrument :
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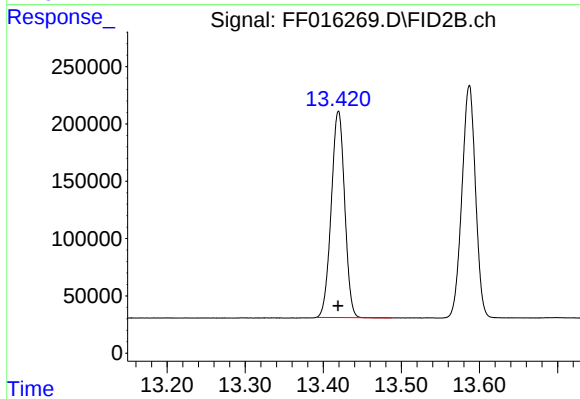
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2477238
Conc: 19.37 ug/ml



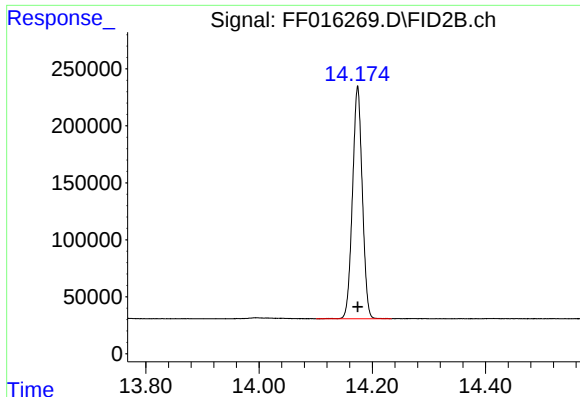
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 2450598
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

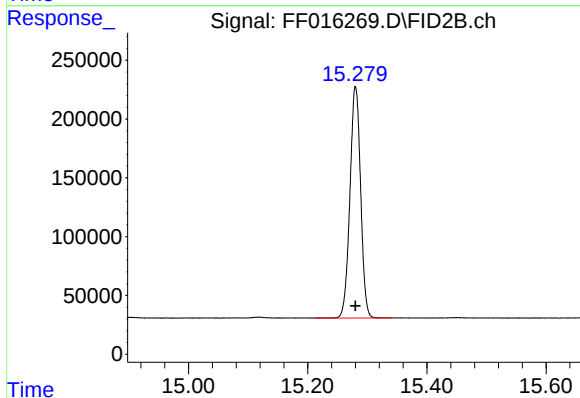
R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 2149361
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

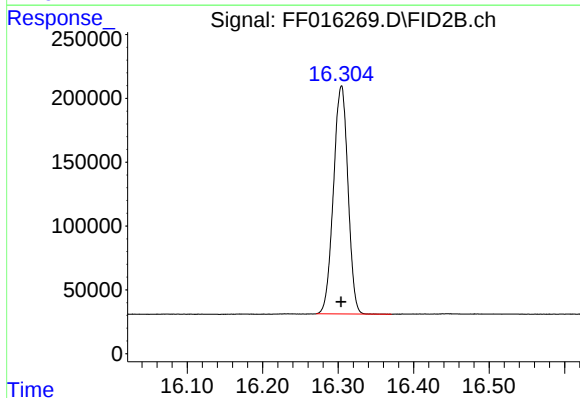
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 2449404
Conc: 19.29 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



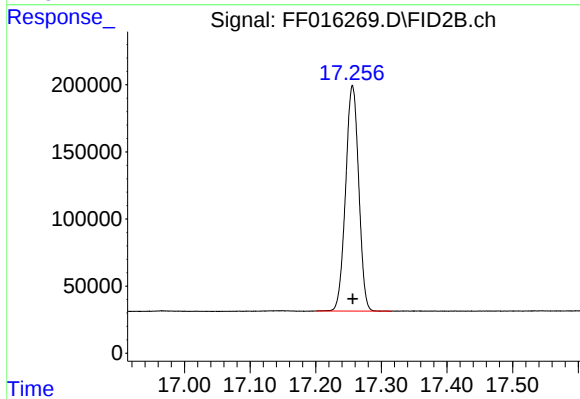
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 2446715
Conc: 19.13 ug/ml



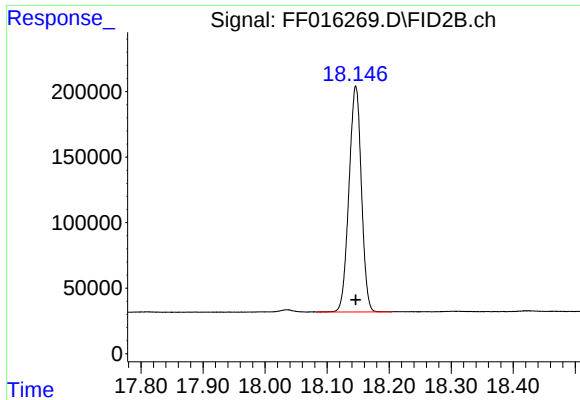
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2385360
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

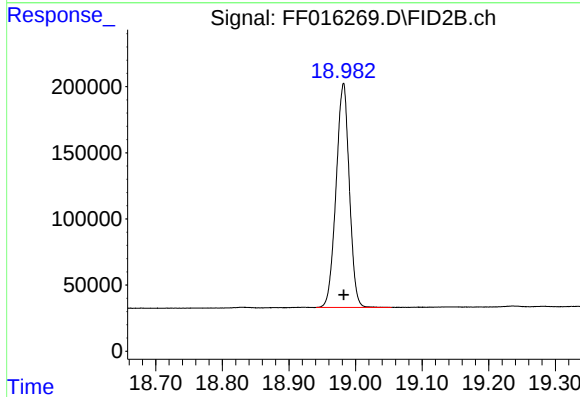
R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 2337838
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

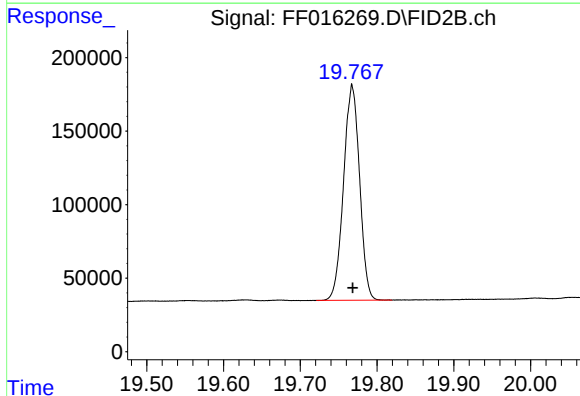
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2397468
Conc: 19.25 ug/ml

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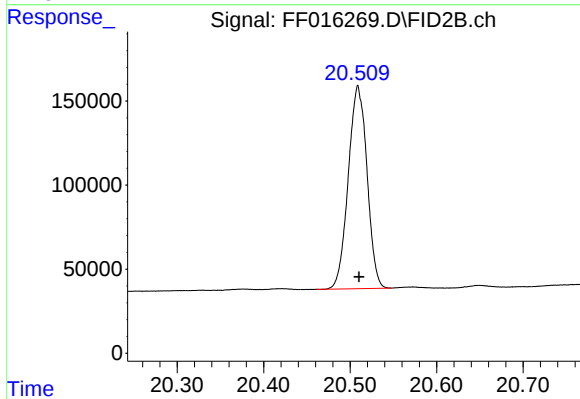
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.000 min
Response: 2336839
Conc: 19.39 ug/ml



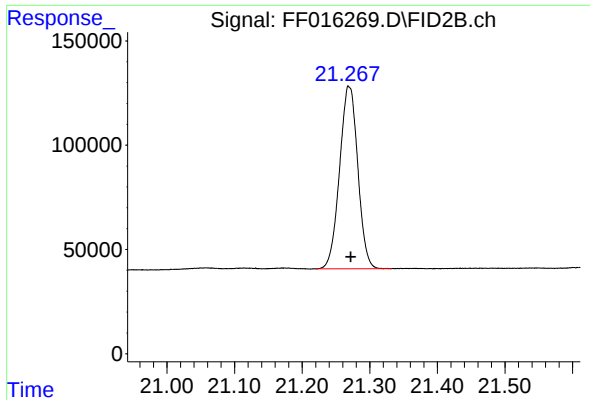
#19 n-Tetratriacontane (C34)

R.T.: 19.767 min
Delta R.T.: 0.000 min
Response: 2123674
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

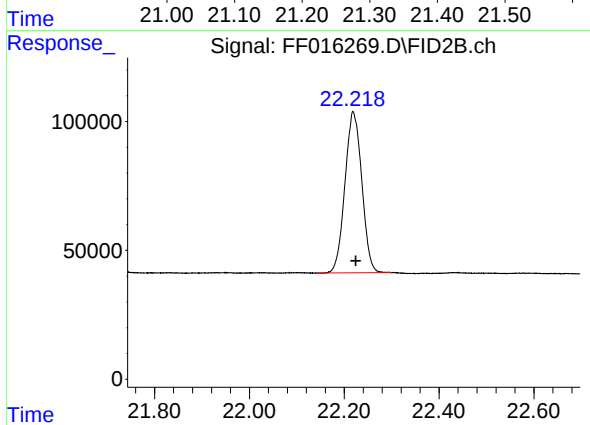
R.T.: 20.509 min
Delta R.T.: 0.000 min
Response: 1816304
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.270 min
Delta R.T.: -0.002 min
Response: 1638983
Conc: 19.49 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.219 min
Delta R.T.: -0.005 min
Response: 1541845
Conc: 19.64 ug/ml