

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016267.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 17:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 29 04:16:30 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	2792550	19.308 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	13.420	2145872	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.334	2282664	19.524 ug/ml
2) T n-Decane (C10)	4.595	2320922	19.594 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2560320	19.604 ug/ml
4) T n-Dodecane (C12)	6.772	2348512	19.566 ug/ml
5) T A~2-methylnaphthalene...	7.405	2491661	19.570 ug/ml
6) T n-Tetradecane (C14)	8.605	2349131	19.495 ug/ml
7) T n-Hexadecane (C16)	10.215	2414759	19.336 ug/ml
8) T n-Octadecane (C18)	11.661	2506433	19.350 ug/ml
10) T n-Eicosane (C20)	12.973	2467275	19.295 ug/ml
11) T n-Heneicosane (C21)	13.587	2444941	19.257 ug/ml
13) T n-Docosane (C22)	14.175	2444317	19.252 ug/ml
14) T n-Tetracosane (C24)	15.280	2463082	19.255 ug/ml
15) T n-Hexacosane (C26)	16.305	2418460	19.347 ug/ml
16) T n-Octacosane (C28)	17.257	2380518	19.429 ug/ml
17) T n-Tricontane (C30)	18.146	2443784	19.622 ug/ml
18) T n-Dotriacontane (C32)	18.983	2376371	19.716 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2164324	19.847 ug/ml
20) T n-Hexatriacontane (C36)	20.510	1857344	19.900 ug/ml
21) T n-Octatriacontane (C38)	21.270	1673256	19.896 ug/ml
22) T n-Tetracontane (C40)	22.222	1565379	19.939 ug/ml

(f)=RT Delta > 1/2 Window

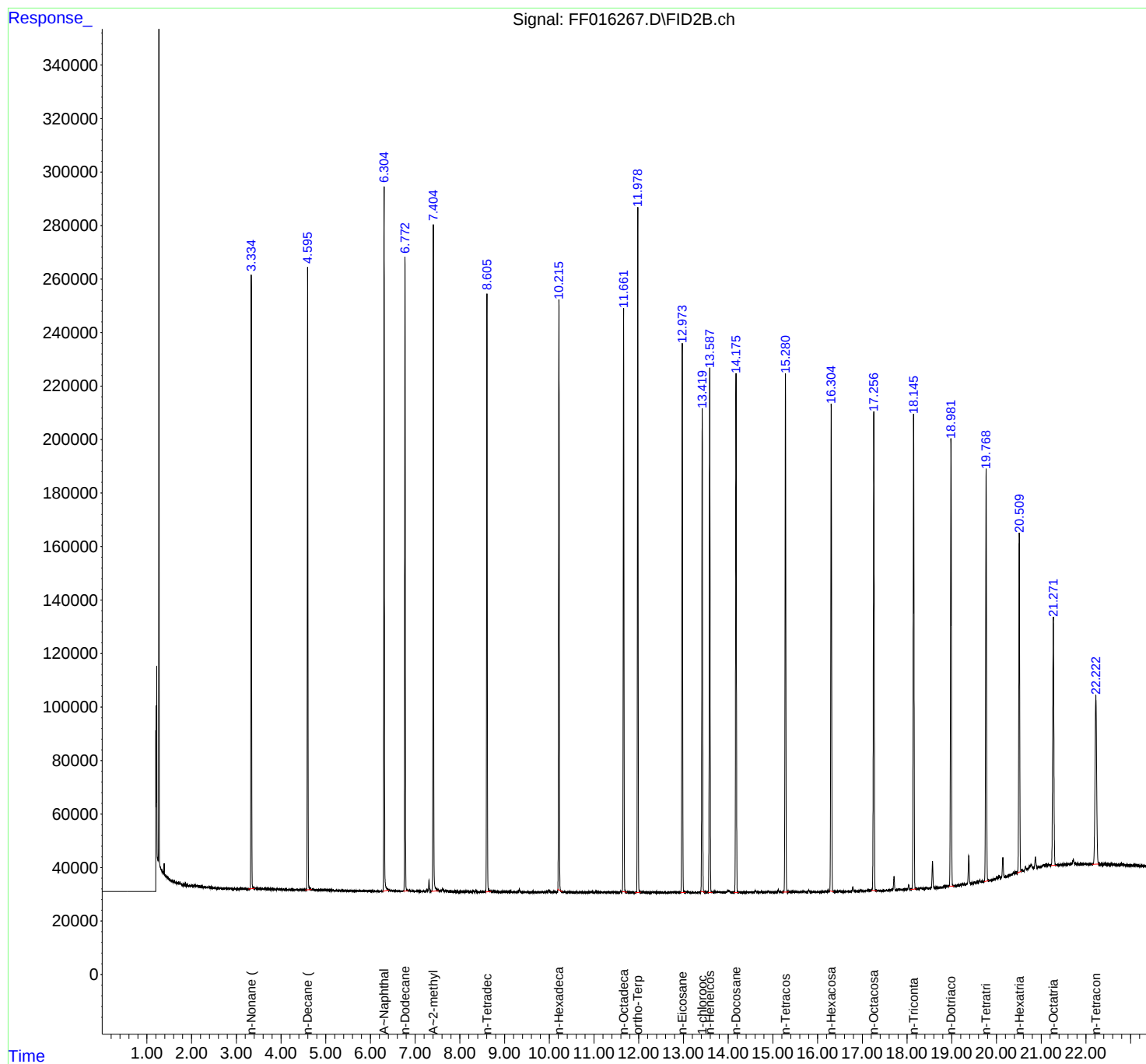
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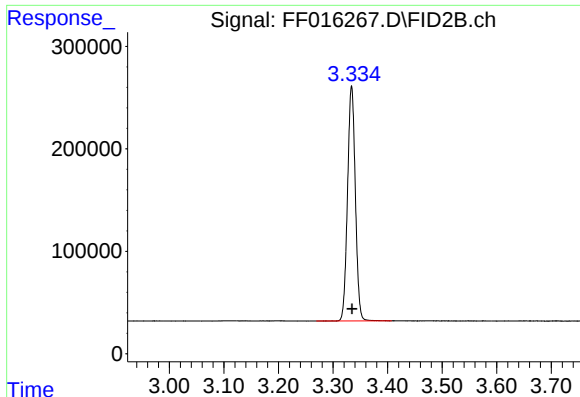
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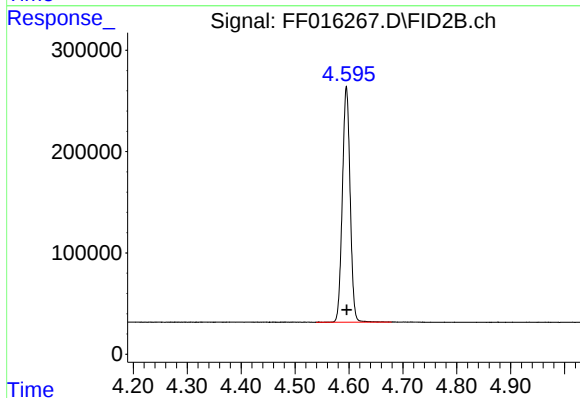




#1 n-Nonane (C9)

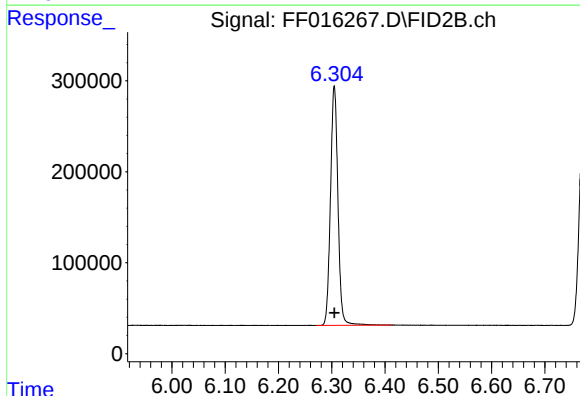
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2282664
Conc: 19.52 ug/ml

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20 PPM ALIPHATIC HC STD ICV



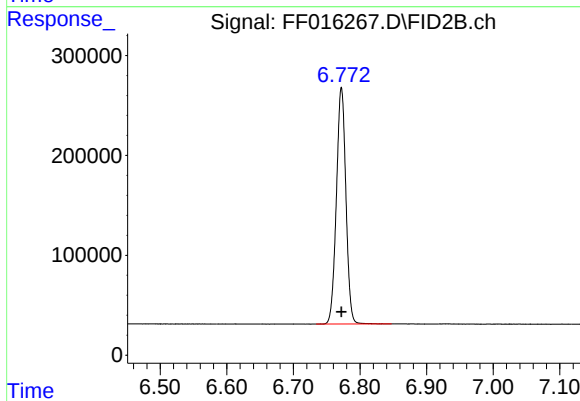
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 2320922
Conc: 19.59 ug/ml



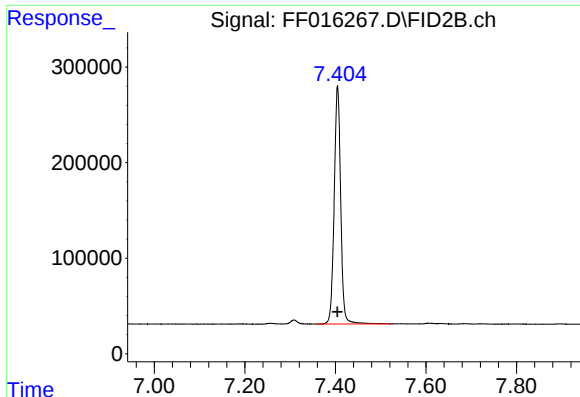
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2560320
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2348512
Conc: 19.57 ug/ml



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

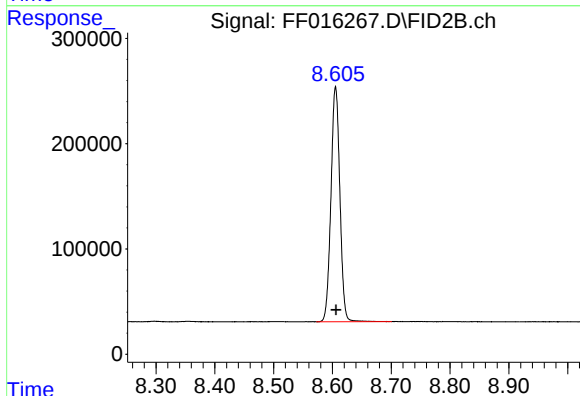
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2491661
Conc: 19.57 ug/ml

Instrument :

FID_F

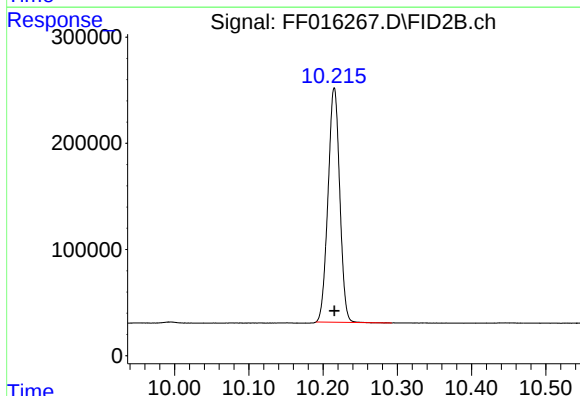
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



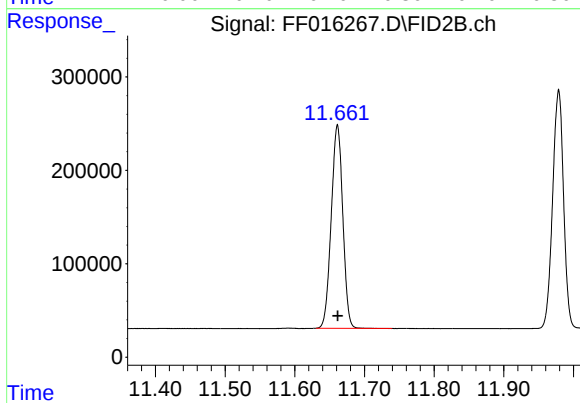
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2349131
Conc: 19.49 ug/ml



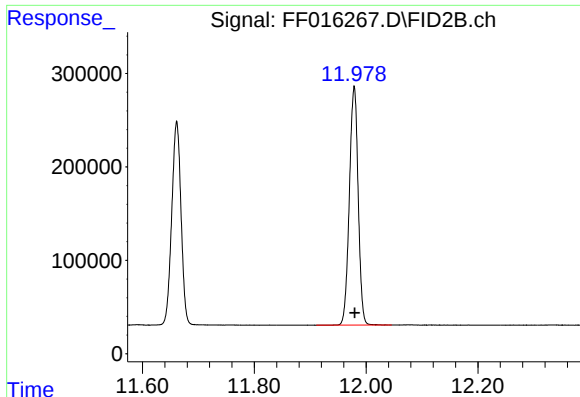
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2414759
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 2506433
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

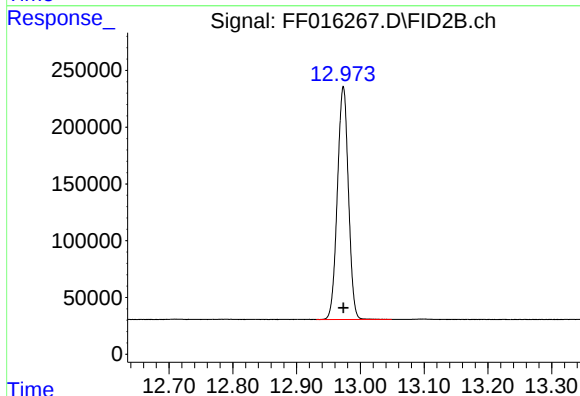
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2792550
Conc: 19.31 ug/ml

Instrument :

FID_F

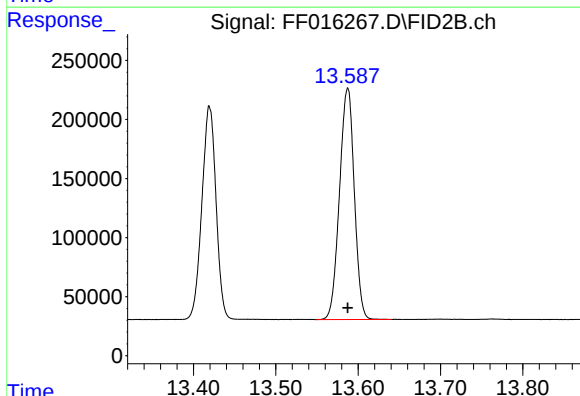
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



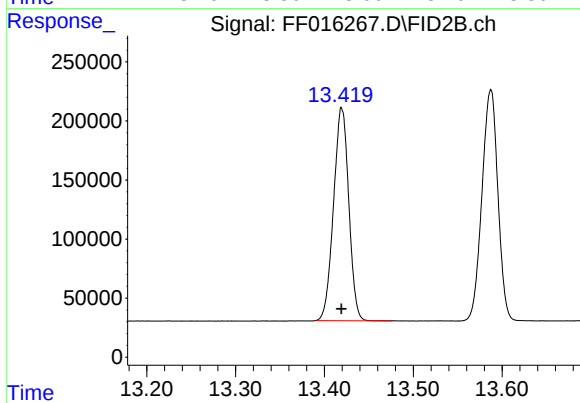
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2467275
Conc: 19.30 ug/ml



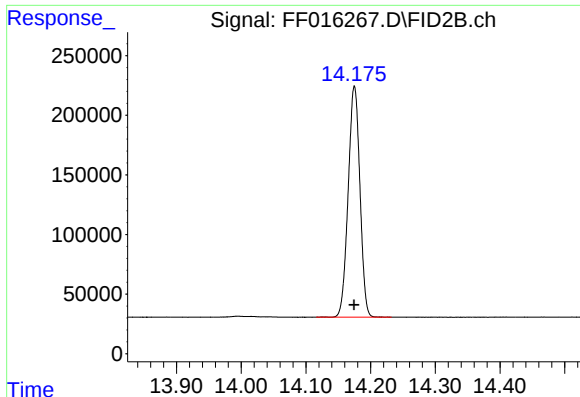
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 2444941
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

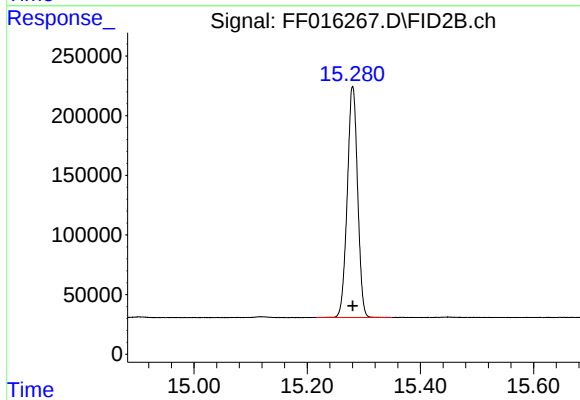
R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 2145872
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

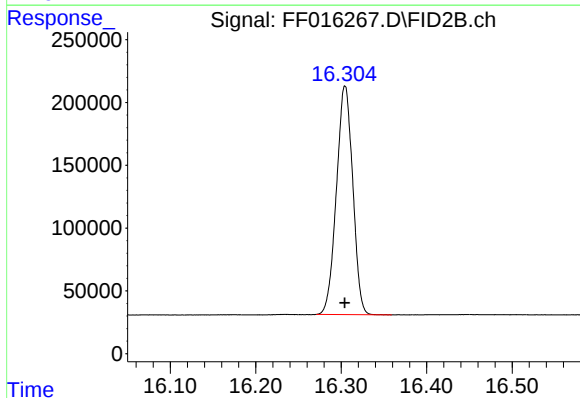
R.T.: 14.175 min
Delta R.T.: 0.000 min
Response: 2444317
Conc: 19.25 ug/ml

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20 PPM ALIPHATIC HC STD ICV



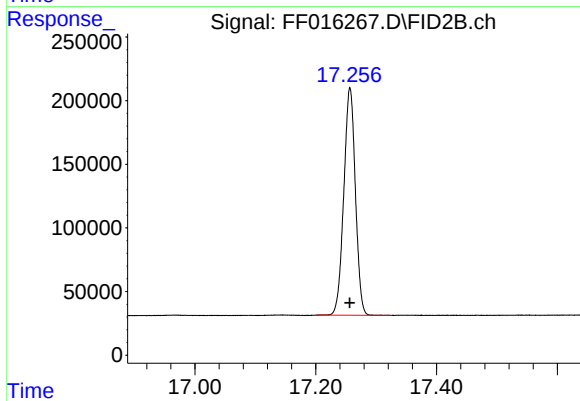
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 2463082
Conc: 19.26 ug/ml



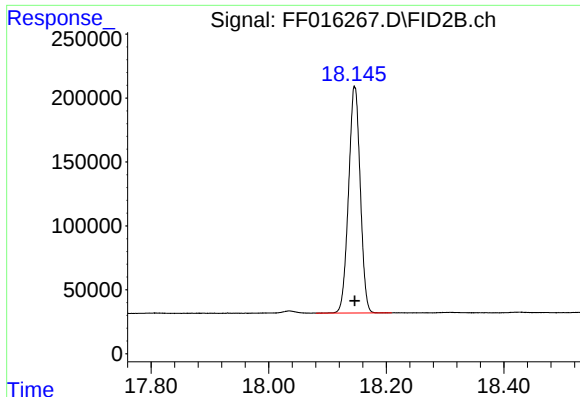
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 2418460
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

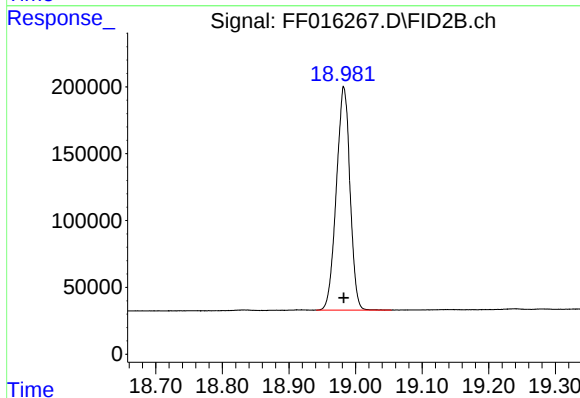
R.T.: 17.257 min
Delta R.T.: 0.000 min
Response: 2380518
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

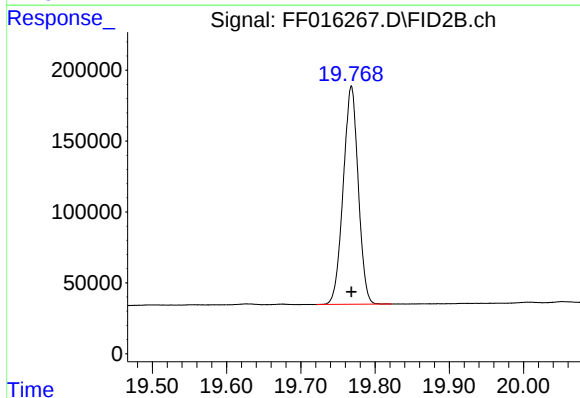
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2443784
Conc: 19.62 ug/ml

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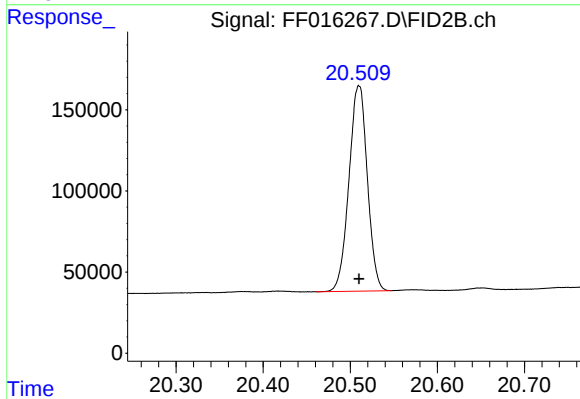
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 2376371
Conc: 19.72 ug/ml



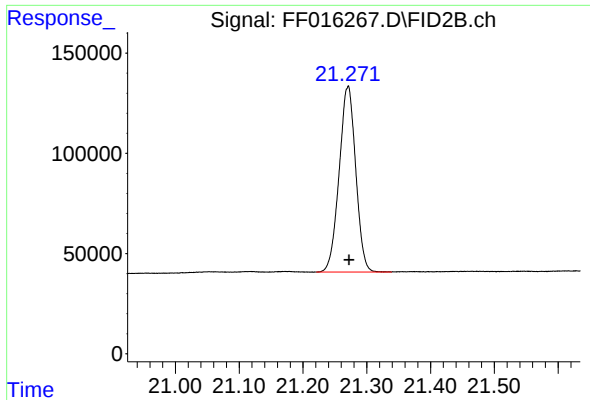
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2164324
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

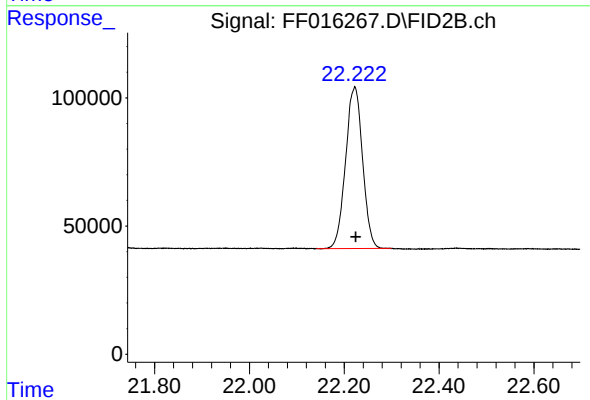
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 1857344
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.270 min
Delta R.T.: -0.002 min
Response: 1673256
Conc: 19.90 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.222 min
Delta R.T.: -0.002 min
Response: 1565379
Conc: 19.94 ug/ml