

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014196.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 11 04:30:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:29:38 2024
 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)	11.841	2782208	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.283	2014595	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.241	2592311	20.000 ug/ml
2) T n-Decane (C10)	4.490	2643863	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2657835	20.000 ug/ml
4) T n-Dodecane (C12)	6.654	2649639	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.279	2461802	20.000 ug/ml
6) T n-Tetradecane (C14)	8.480	2574140	20.000 ug/ml
7) T n-Hexadecane (C16)	10.086	2619721	20.000 ug/ml
8) T n-Octadecane (C18)	11.530	2649367	20.000 ug/ml
10) T n-Eicosane (C20)	12.840	2528178	20.000 ug/ml
11) T n-Heneicosane (C21)	13.452	2467848	20.000 ug/ml
13) T n-Docosane (C22)	14.038	2430489	20.000 ug/ml
14) T n-Tetracosane (C24)	15.142	2379501	20.000 ug/ml
15) T n-Hexacosane (C26)	16.164	2309787	20.000 ug/ml
16) T n-Octacosane (C28)	17.116	2233756	20.000 ug/ml
17) T n-Tricontane (C30)	18.003	2240383	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.836	2177295	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2096451	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2019941	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.084	1984768	20.000 ug/ml
22) T n-Tetracontane (C40)	21.966	1900551	20.000 ug/ml

(f)=RT Delta > 1/2 Window

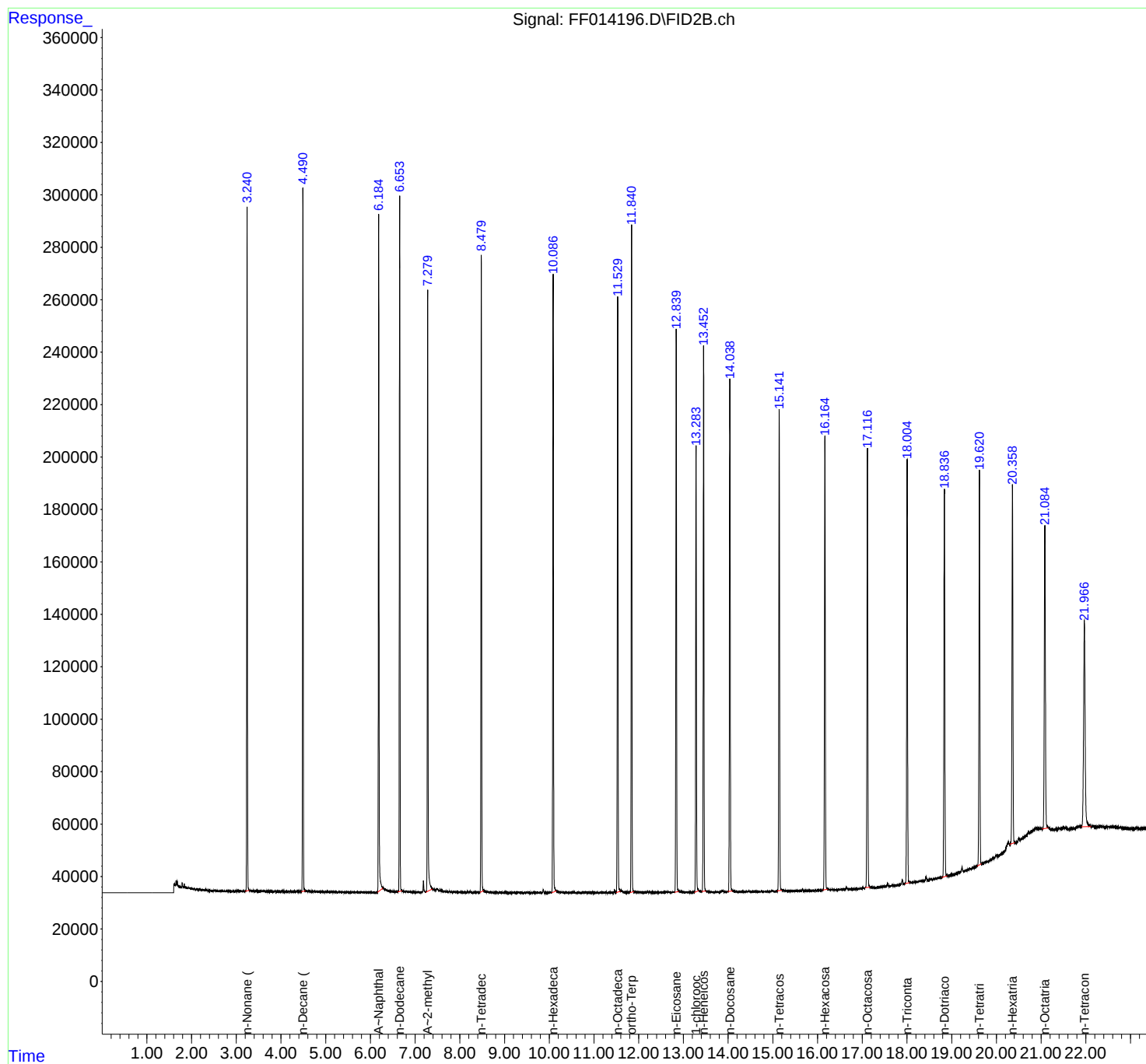
(m)=manual int.

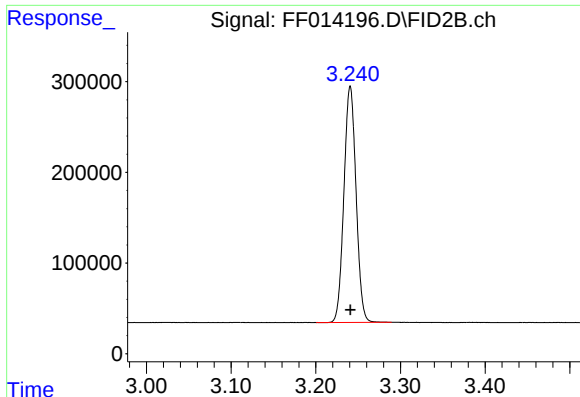
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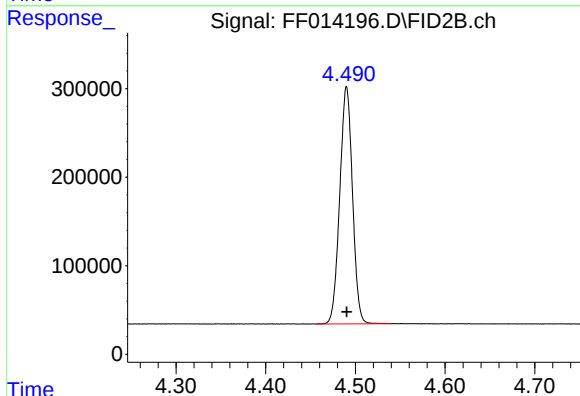




#1 n-Nonane (C9)

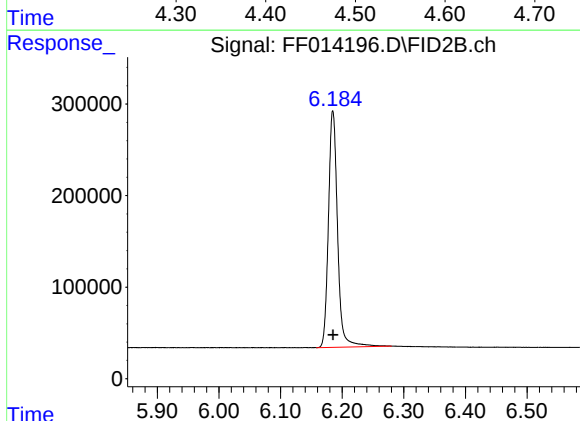
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 2592311
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD3



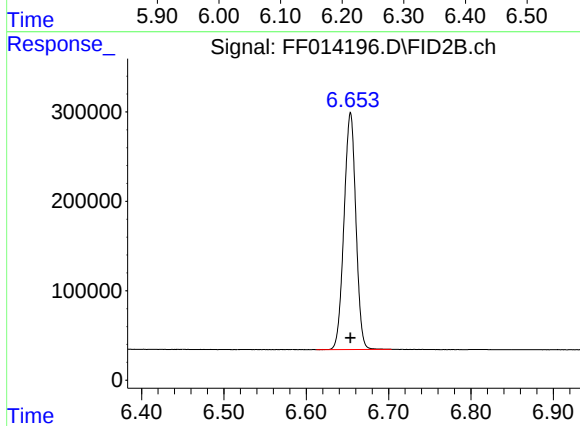
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2643863
Conc: 20.00 ug/ml



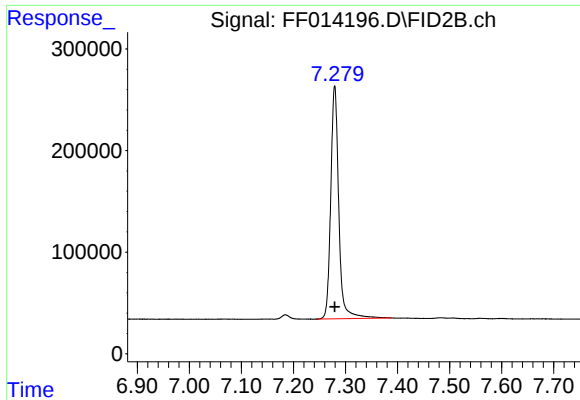
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2657835
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

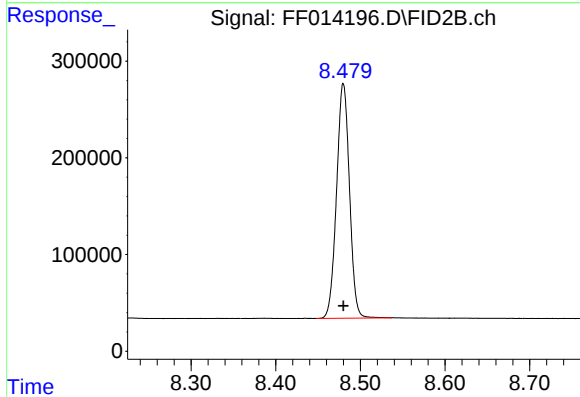
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 2649639
Conc: 20.00 ug/ml



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

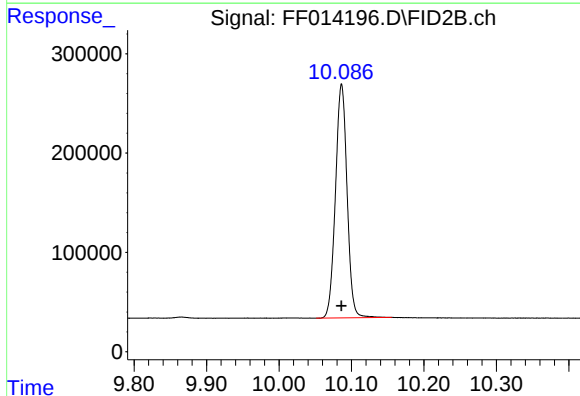
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2461802
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



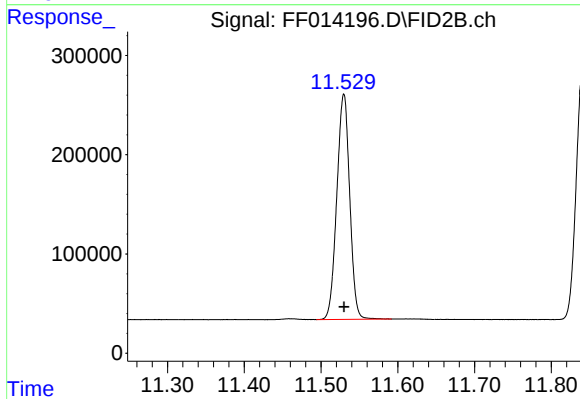
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 2574140
Conc: 20.00 ug/ml



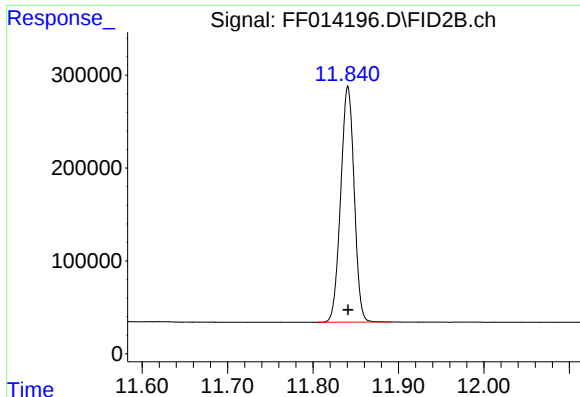
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 2619721
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

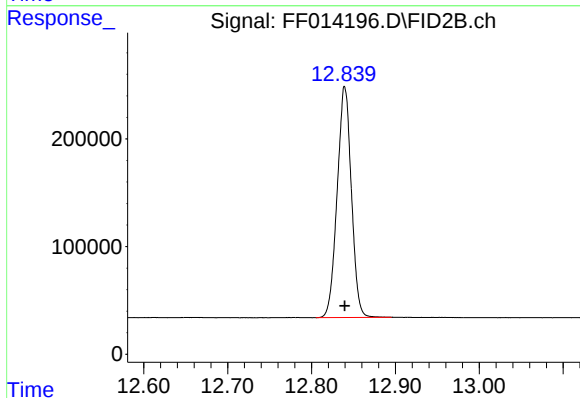
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2649367
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

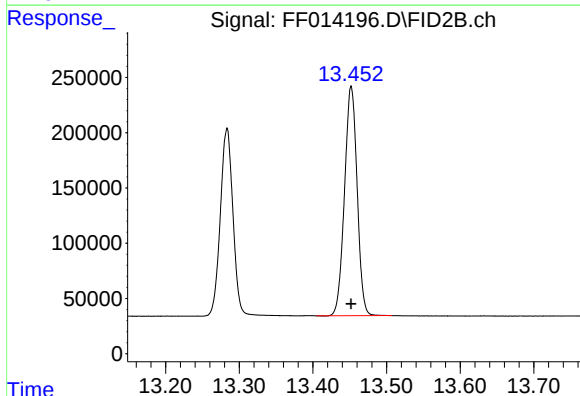
R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 2782208
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



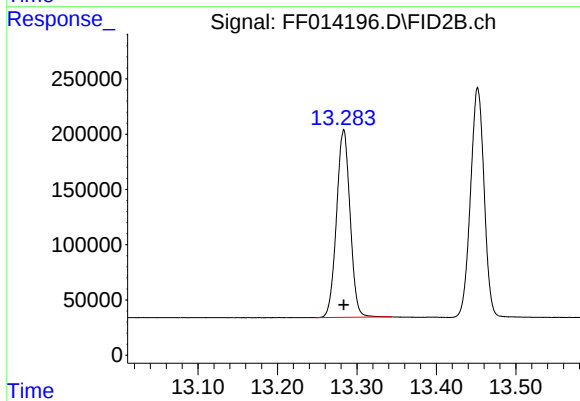
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: 0.000 min
Response: 2528178
Conc: 20.00 ug/ml



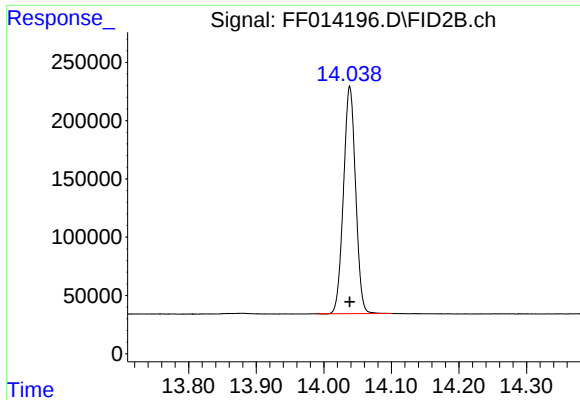
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2467848
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

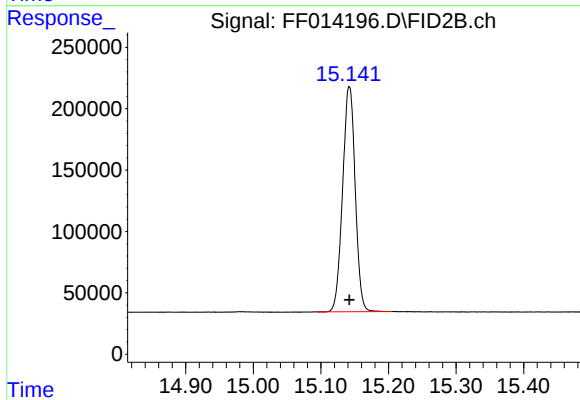
R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2014595
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

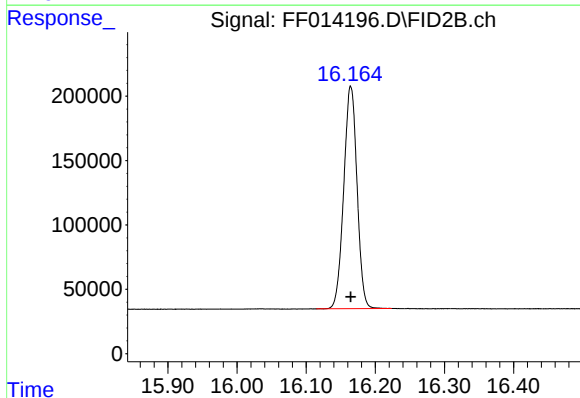
R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 2430489
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



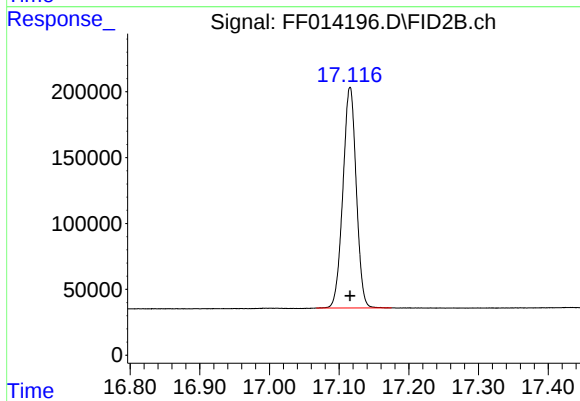
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 2379501
Conc: 20.00 ug/ml



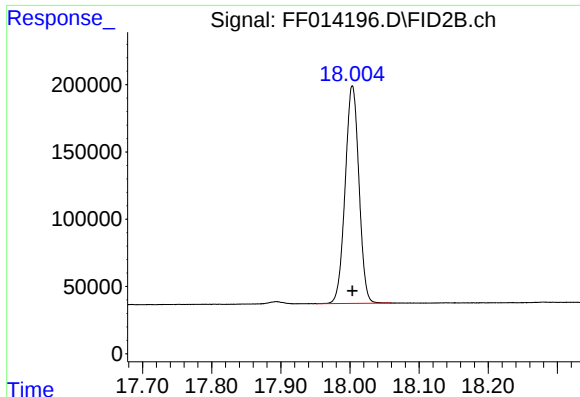
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2309787
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

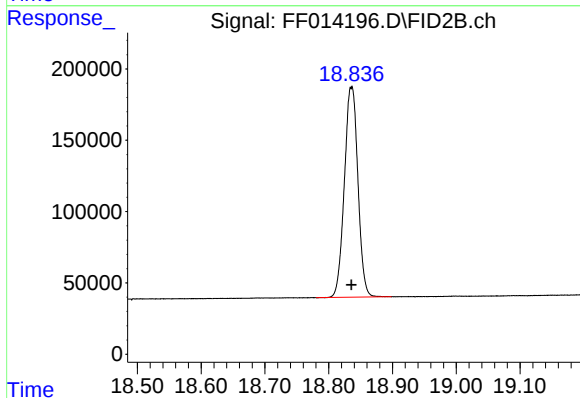
R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 2233756
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

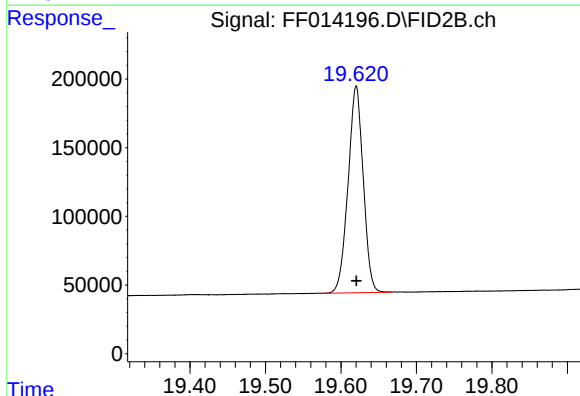
R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2240383
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



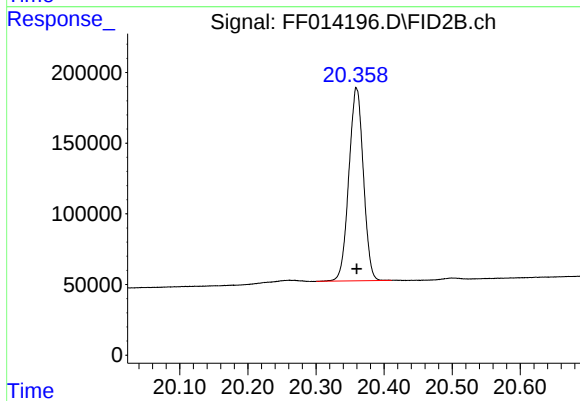
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 2177295
Conc: 20.00 ug/ml



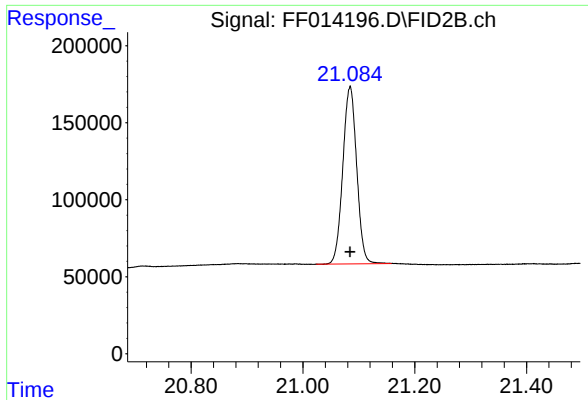
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.000 min
Response: 2096451
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

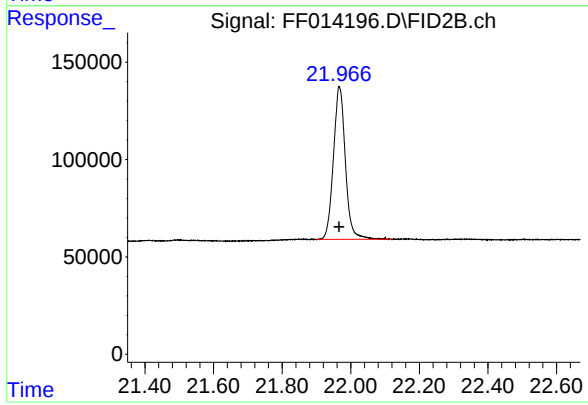
R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 2019941
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 1984768
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 1900551
Conc: 20.00 ug/ml