

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014199.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 02:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 11 04:46:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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)	11.842	2719681	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.284	1958197	19.308 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.241	2506597	19.245 ug/ml
2) T n-Decane (C10)	4.489	2557311	19.298 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2579062	19.377 ug/ml
4) T n-Dodecane (C12)	6.654	2565872	19.311 ug/ml
5) T A~2-methylnaphthalene...	7.279	2377897	19.516 ug/ml
6) T n-Tetradecane (C14)	8.479	2497762	19.335 ug/ml
7) T n-Hexadecane (C16)	10.086	2541491	19.415 ug/ml
8) T n-Octadecane (C18)	11.530	2575592	19.373 ug/ml
10) T n-Eicosane (C20)	12.839	2463463	19.292 ug/ml
11) T n-Heneicosane (C21)	13.453	2411696	19.296 ug/ml
13) T n-Docosane (C22)	14.039	2369398	19.244 ug/ml
14) T n-Tetracosane (C24)	15.143	2315898	19.179 ug/ml
15) T n-Hexacosane (C26)	16.164	2246931	19.302 ug/ml
16) T n-Octacosane (C28)	17.115	2166894	19.287 ug/ml
17) T n-Tricontane (C30)	18.003	2166384	19.290 ug/ml
18) T n-Dotriacontane (C32)	18.836	2108771	19.362 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2006756	19.263 ug/ml
20) T n-Hexatriacontane (C36)	20.360	1890854	19.074 ug/ml
21) T n-Octatriacontane (C38)	21.085	1866663	19.343 ug/ml
22) T n-Tetracontane (C40)	21.967	1794076	19.122 ug/ml

(f)=RT Delta > 1/2 Window

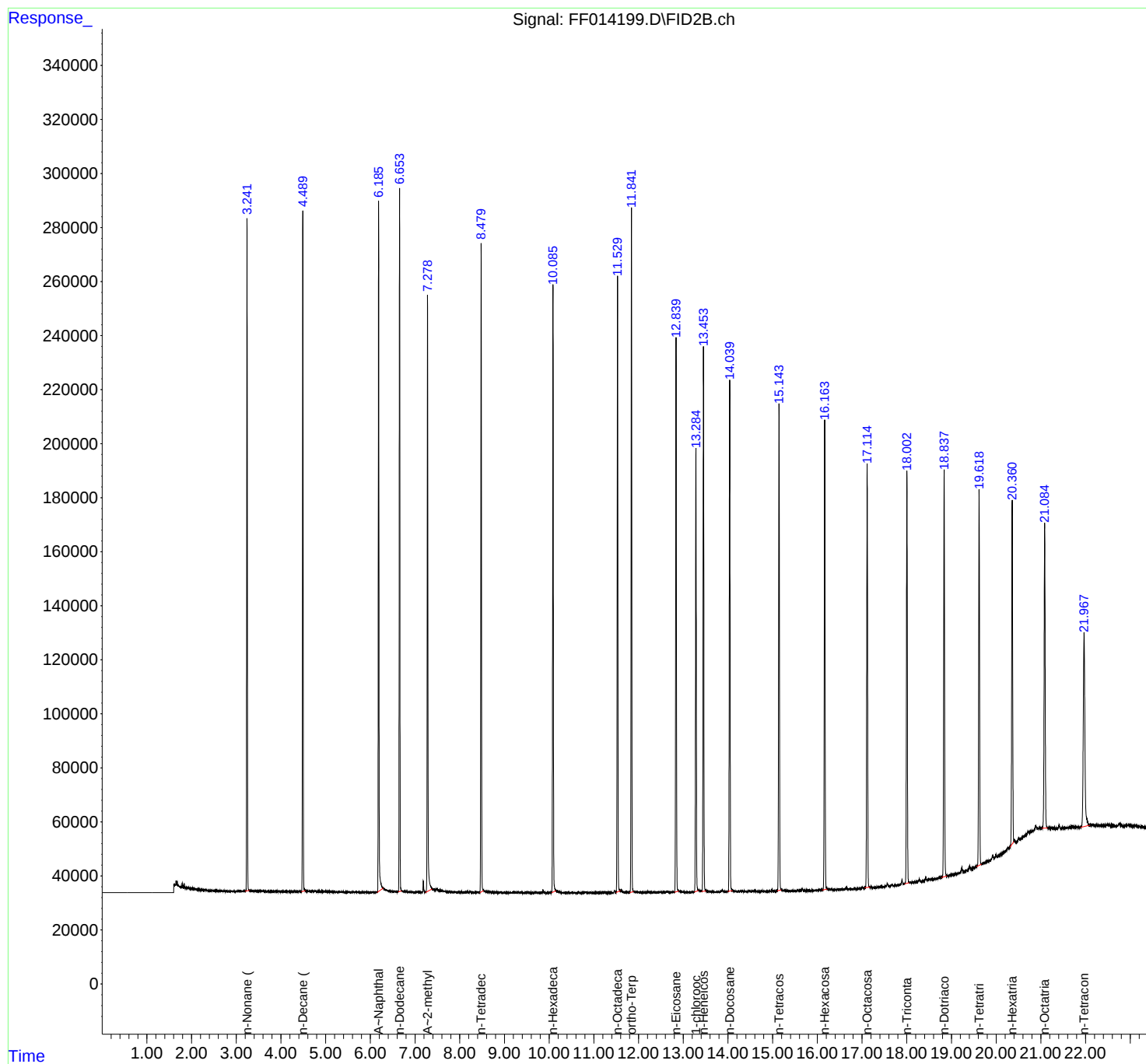
(m)=manual int.

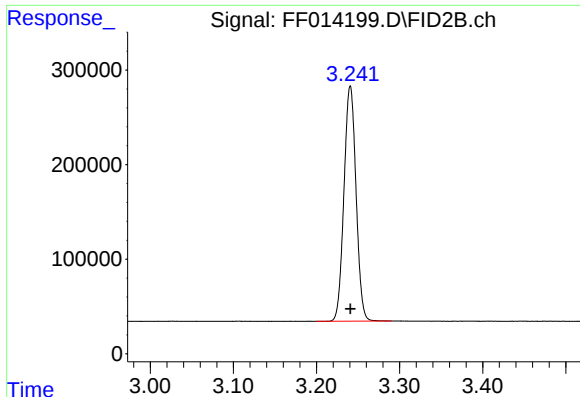
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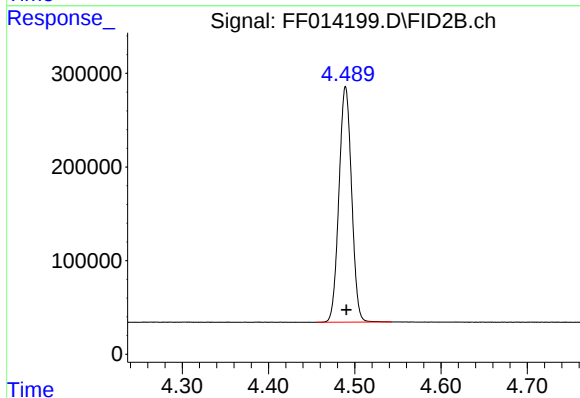




#1 n-Nonane (C9)

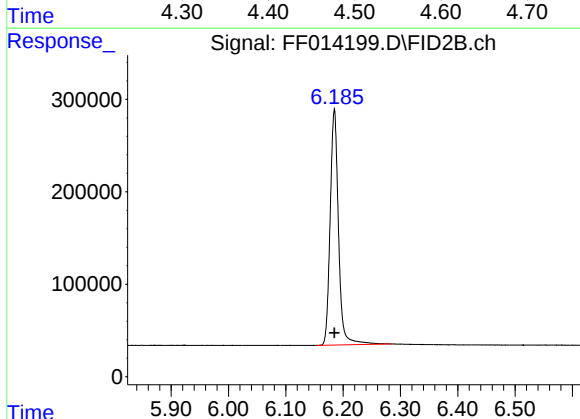
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 2506597
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



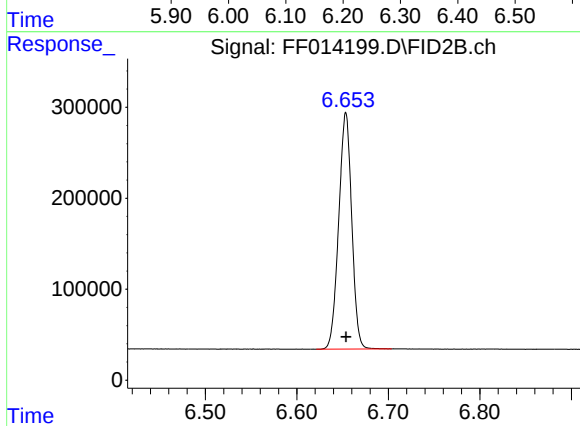
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2557311
Conc: 19.30 ug/ml



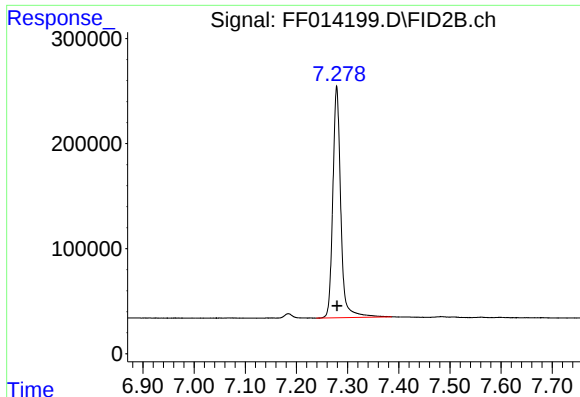
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2579062
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

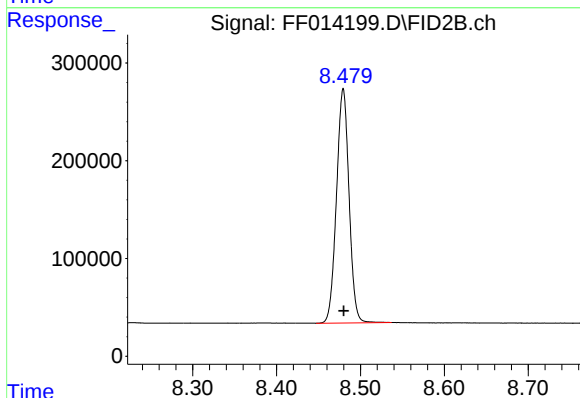
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 2565872
Conc: 19.31 ug/ml



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

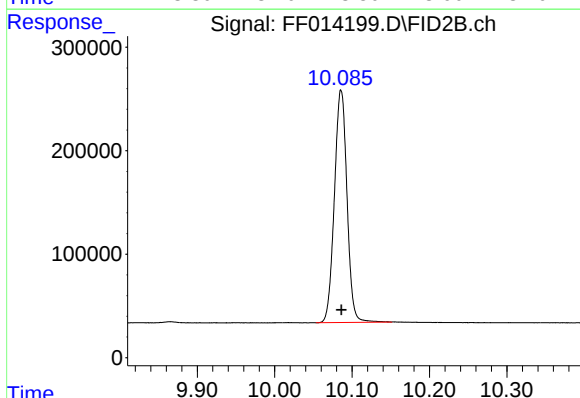
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2377897
Conc: 19.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



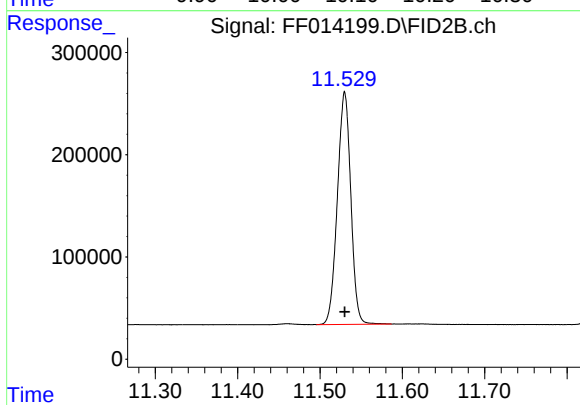
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 2497762
Conc: 19.34 ug/ml



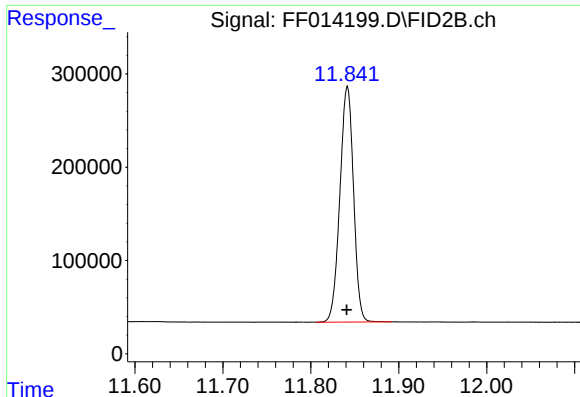
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 2541491
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

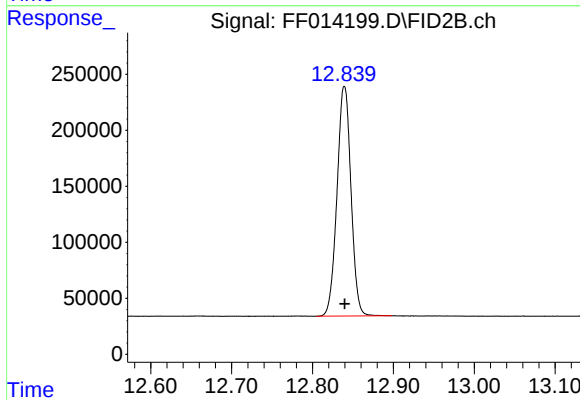
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2575592
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

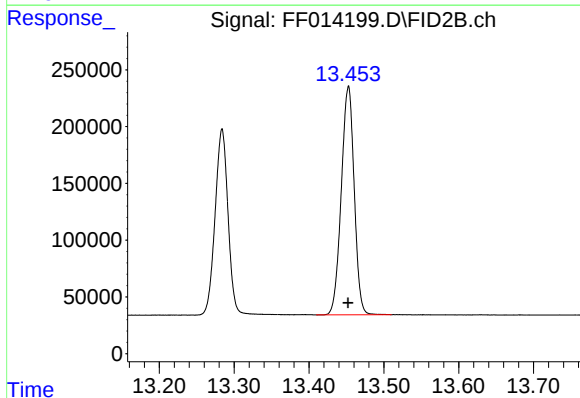
R.T.: 11.842 min
Delta R.T.: 0.000 min
Response: 2719681
Conc: 19.30 ug/ml

Instrument :
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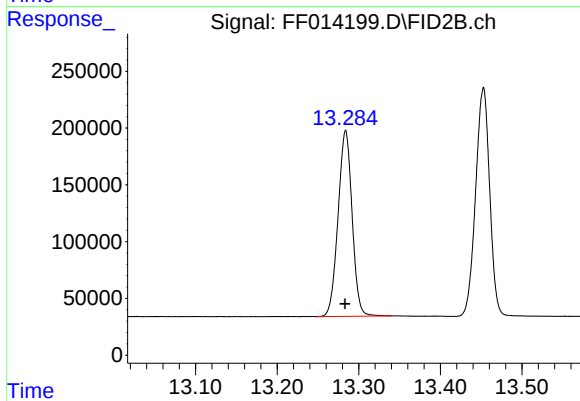
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 2463463
Conc: 19.29 ug/ml



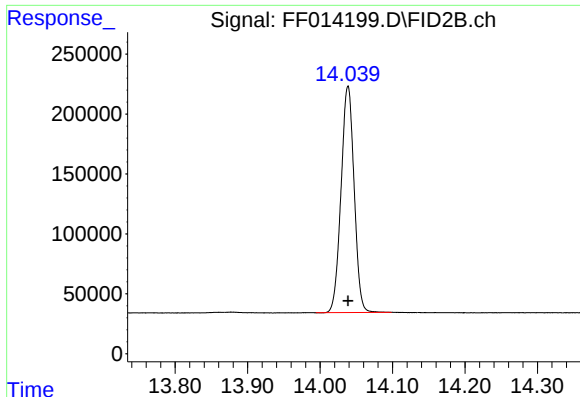
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: 0.000 min
Response: 2411696
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 1958197
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

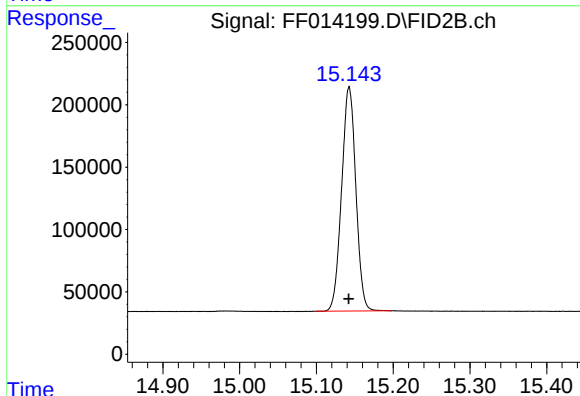
R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 2369398
Conc: 19.24 ug/ml

Instrument :

FID_F

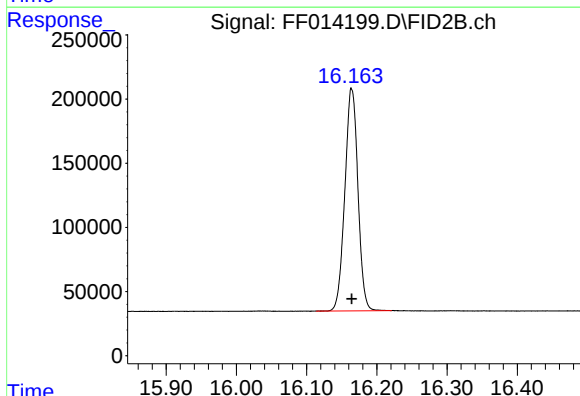
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



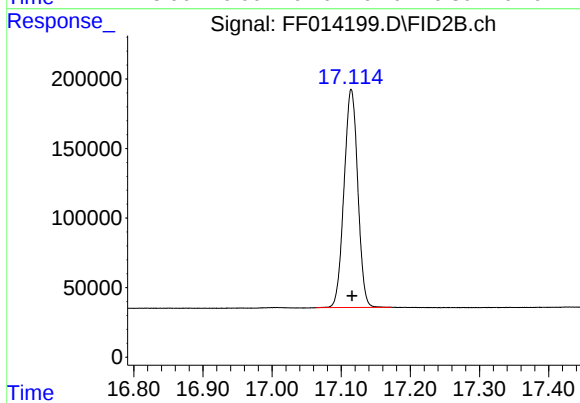
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: 0.000 min
Response: 2315898
Conc: 19.18 ug/ml



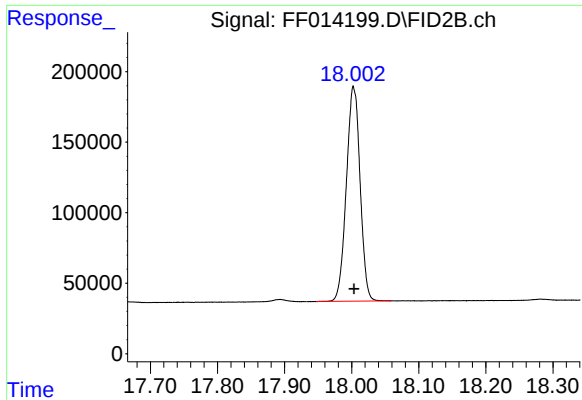
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2246931
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

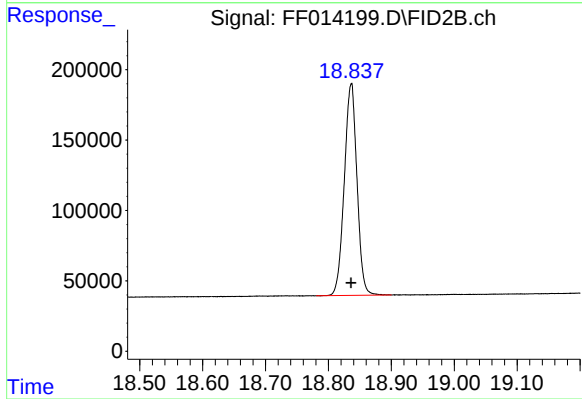
R.T.: 17.115 min
Delta R.T.: -0.001 min
Response: 2166894
Conc: 19.29 ug/ml



#17 n-Tricontane (C30)

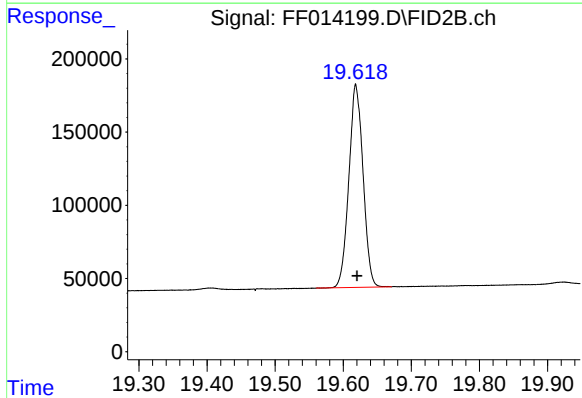
R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2166384
Conc: 19.29 ug/ml

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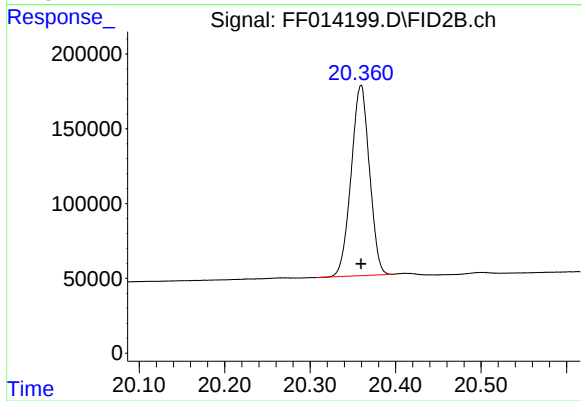
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 2108771
Conc: 19.36 ug/ml



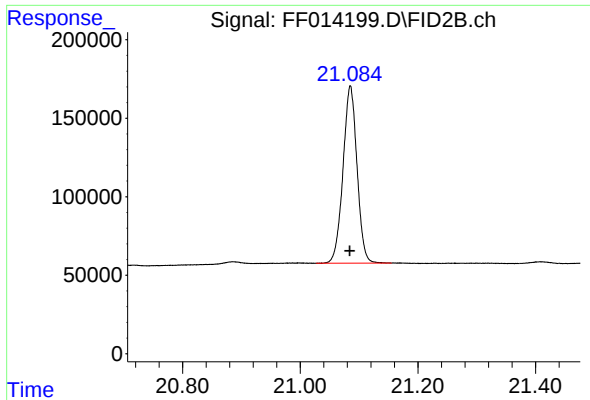
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.002 min
Response: 2006756
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

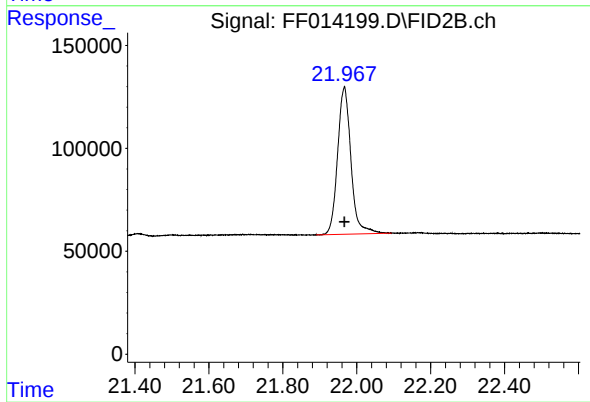
R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 1890854
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 1866663
Conc: 19.34 ug/ml

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FID_F
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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 1794076
Conc: 19.12 ug/ml