

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AL\
 Data File : FD049406.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 23:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 27 05:21:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 05:19:30 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)	11.648	4187880	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.077	3218034	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.416	2474708	20.000 ug/ml
2) T n-Decane (C10)	4.485	2536943	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.071	3067345	20.000 ug/ml
4) T n-Dodecane (C12)	6.501	2694464	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.126	3146391	20.000 ug/ml
6) T n-Tetradecane (C14)	8.292	2866262	20.000 ug/ml
7) T n-Hexadecane (C16)	9.888	3141279	20.000 ug/ml
8) T n-Octadecane (C18)	11.327	3365178	20.000 ug/ml
10) T n-Eicosane (C20)	12.633	3441850	20.000 ug/ml
11) T n-Heneicosane (C21)	13.243	3441332	20.000 ug/ml
13) T n-Docosane (C22)	13.828	3413909	20.000 ug/ml
14) T n-Tetracosane (C24)	14.929	3329822	20.000 ug/ml
15) T n-Hexacosane (C26)	15.946	3186650	20.000 ug/ml
16) T n-Octacosane (C28)	16.892	3053219	20.000 ug/ml
17) T n-Tricontane (C30)	17.778	3032461	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.608	2965767	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.389	2792741	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.126	2690073	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.864	2582341	20.000 ug/ml
22) T n-Tetracontane (C40)	21.781	2502344	20.000 ug/ml

(f)=RT Delta > 1/2 Window

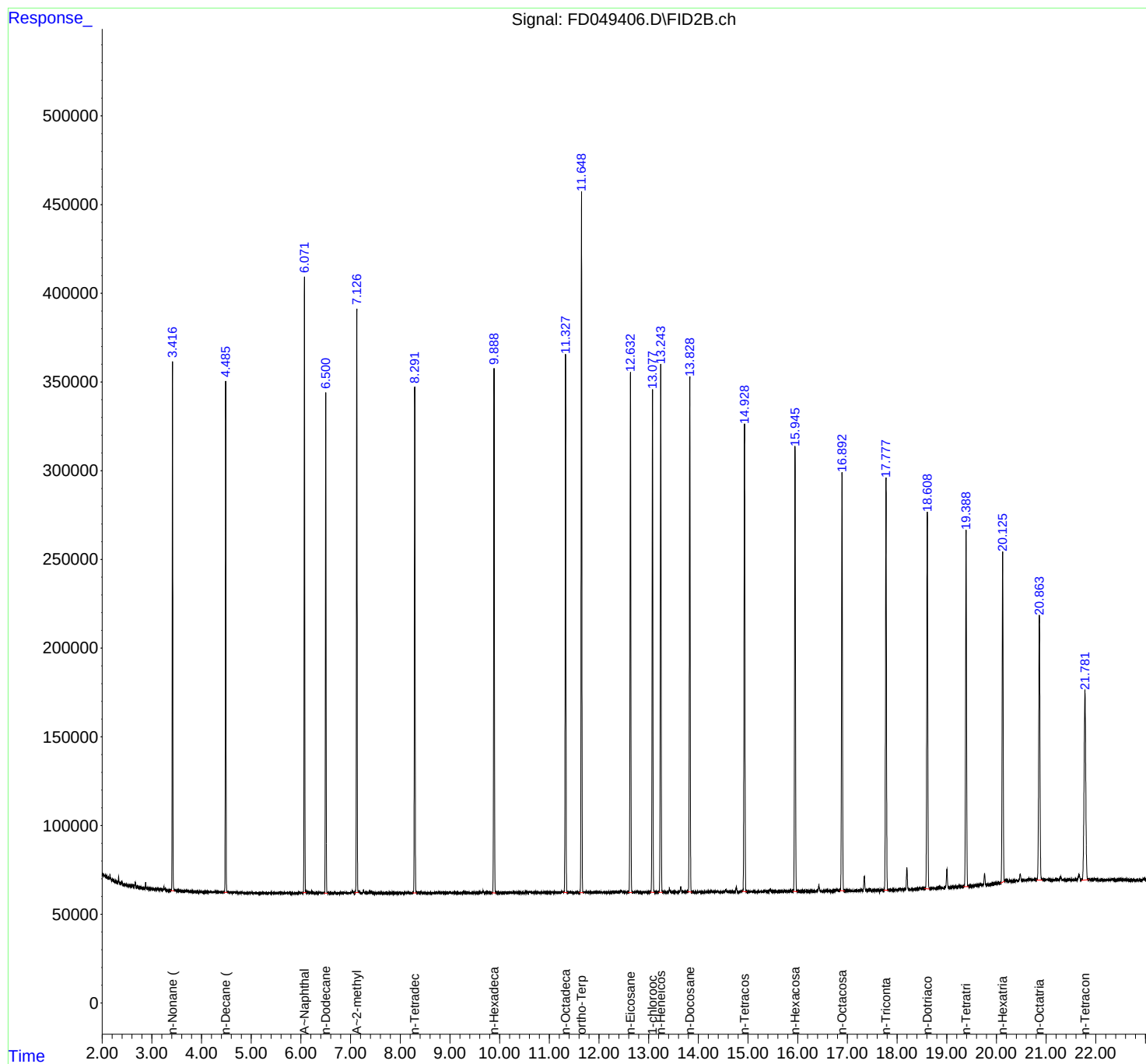
(m)=manual int.

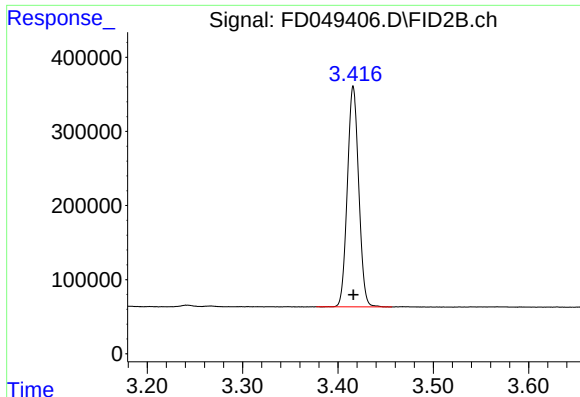
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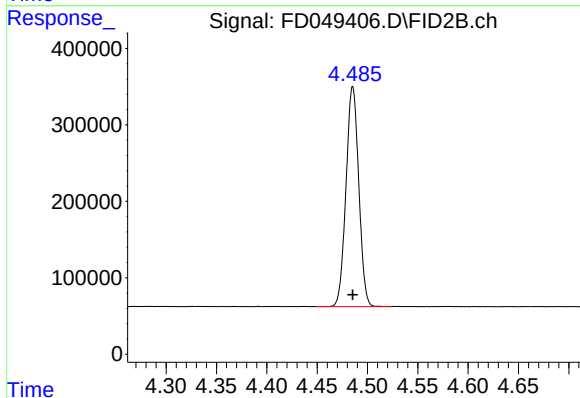




#1 n-Nonane (C9)

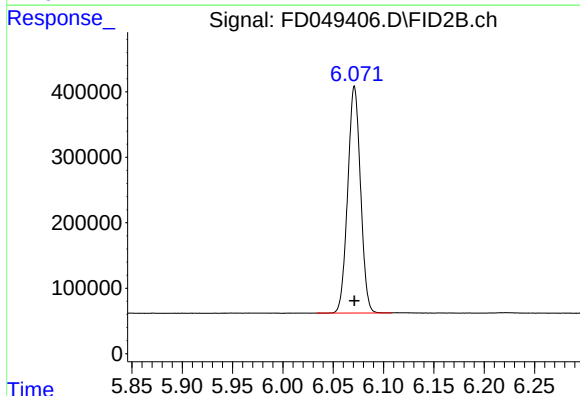
R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 2474708
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



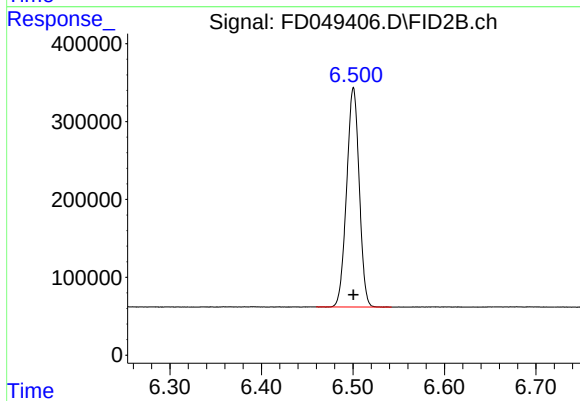
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 2536943
Conc: 20.00 ug/ml



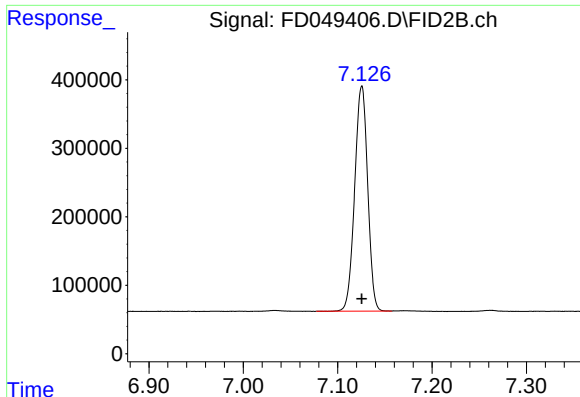
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 3067345
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

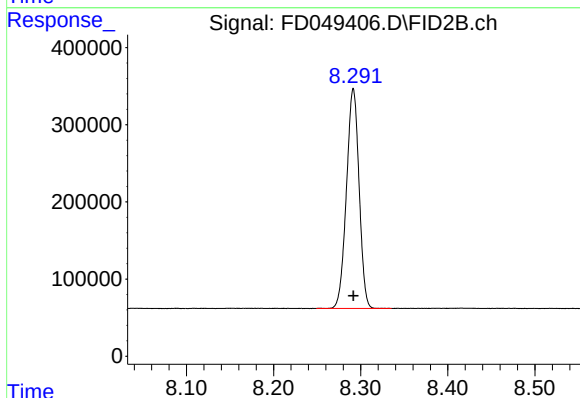
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 2694464
Conc: 20.00 ug/ml



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

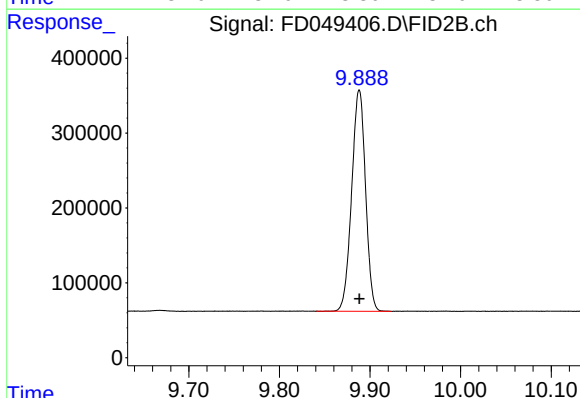
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 3146391
Conc: 20.00 ug/ml

Instrument :
FID_D
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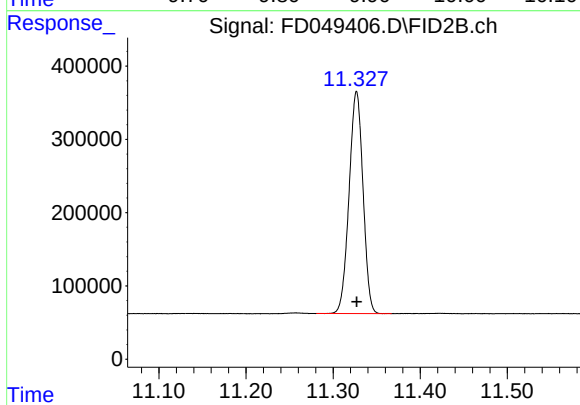
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2866262
Conc: 20.00 ug/ml



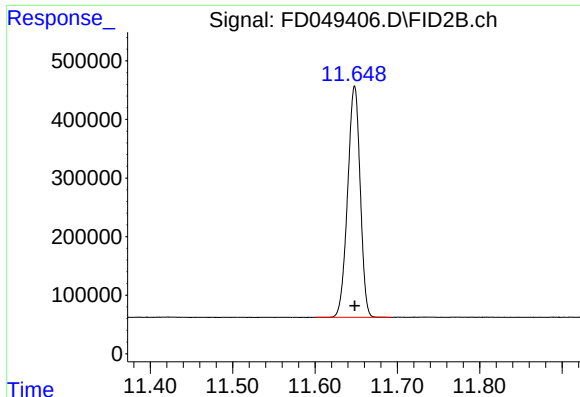
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 3141279
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

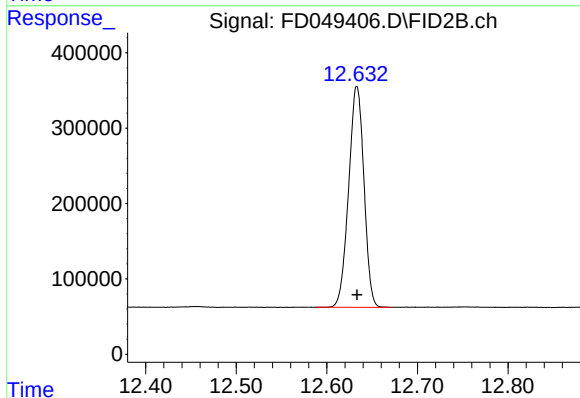
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 3365178
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

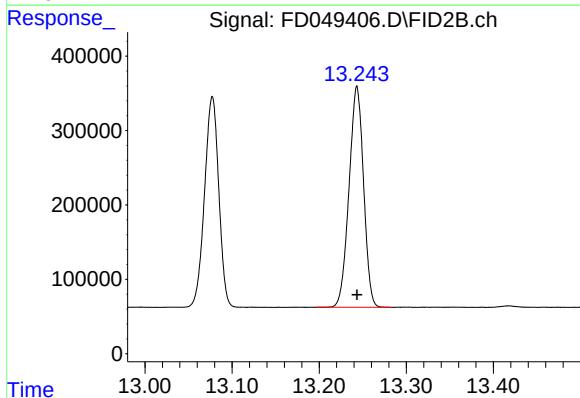
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 4187880
Conc: 20.00 ug/ml

Instrument :
FID_D
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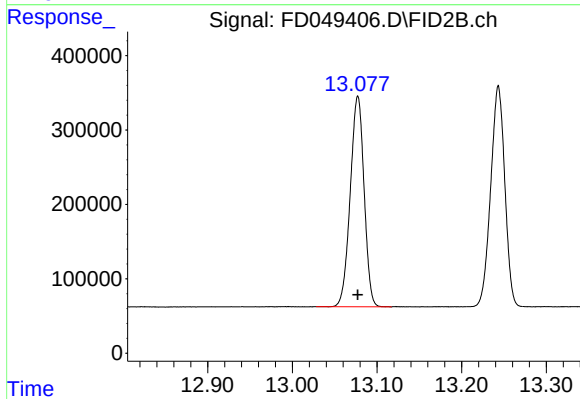
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3441850
Conc: 20.00 ug/ml



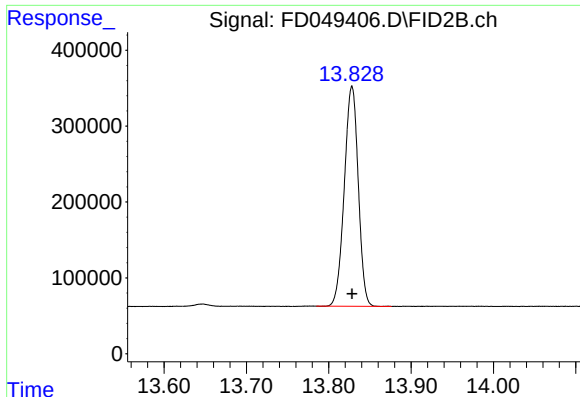
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.000 min
Response: 3441332
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

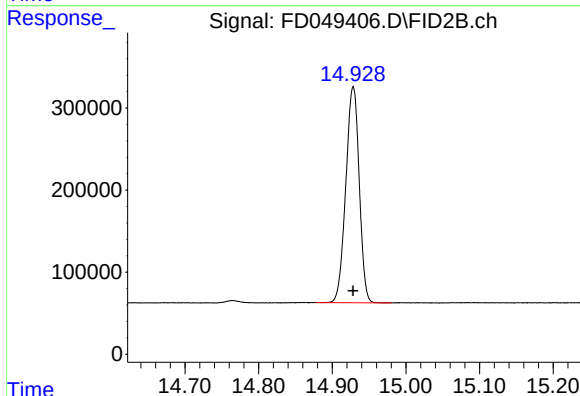
R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 3218034
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

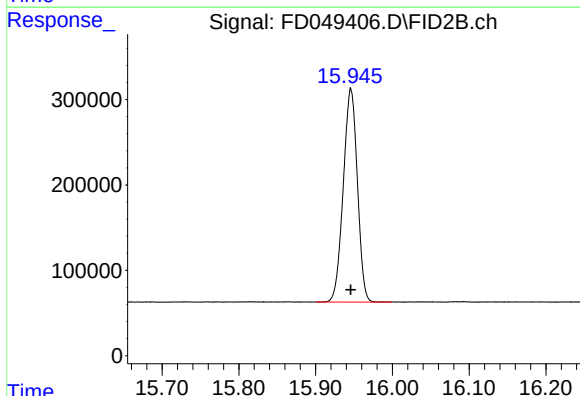
R.T.: 13.828 min
Delta R.T.: 0.000 min
Response: 3413909
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



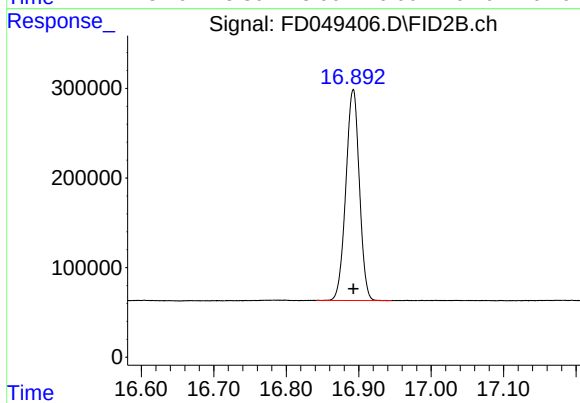
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: 0.000 min
Response: 3329822
Conc: 20.00 ug/ml



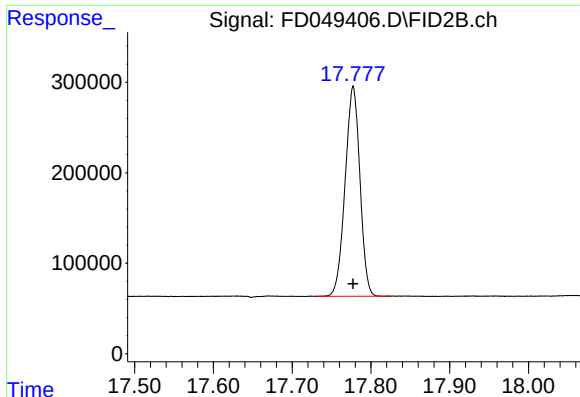
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.000 min
Response: 3186650
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

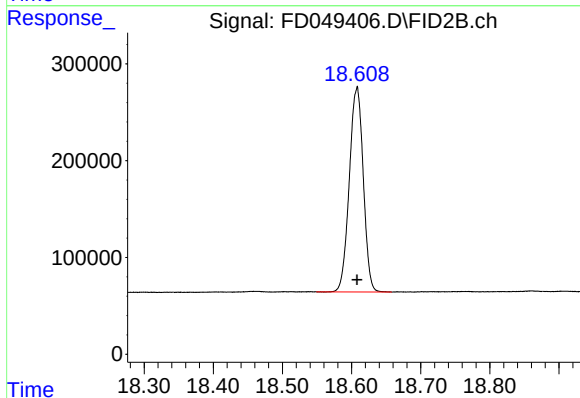
R.T.: 16.892 min
Delta R.T.: 0.000 min
Response: 3053219
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

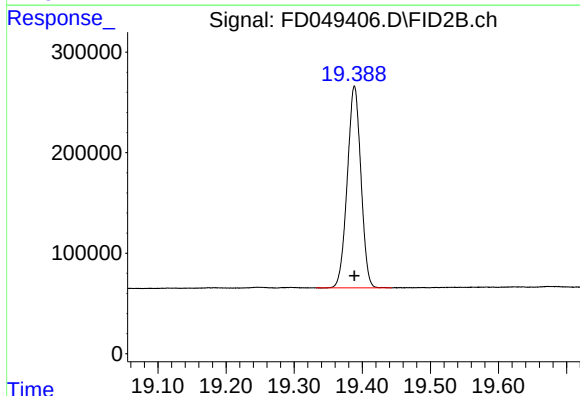
R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 3032461
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



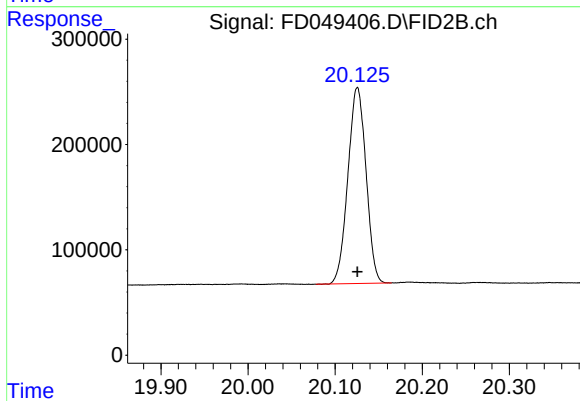
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: 0.000 min
Response: 2965767
Conc: 20.00 ug/ml



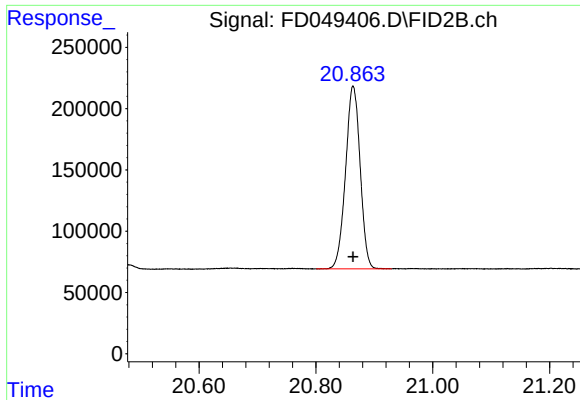
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.000 min
Response: 2792741
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

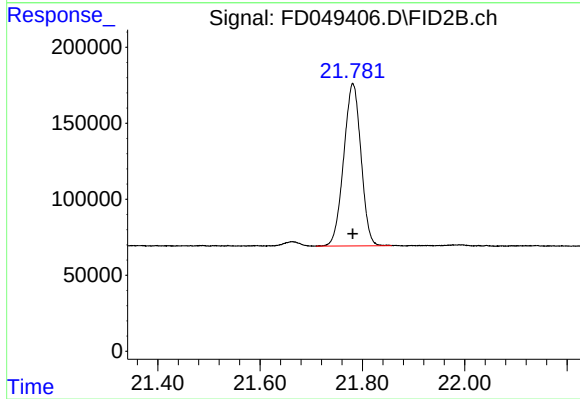
R.T.: 20.126 min
Delta R.T.: 0.000 min
Response: 2690073
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: 0.000 min
Response: 2582341
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: 0.000 min
Response: 2502344
Conc: 20.00 ug/ml