

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049229.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 05:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 07:24:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:21:29 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)	11.660	3599939	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.084	2638741	20.848 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.430	2527669	20.873 ug/ml
2) T n-Decane (C10)	4.500	2561571	20.839 ug/ml
3) T A~Naphthalene (C11.7)	6.088	2992533	20.906 ug/ml
4) T n-Dodecane (C12)	6.514	2589895	20.889 ug/ml
5) T A~2-methylnaphthalene...	7.142	2896668	20.839 ug/ml
6) T n-Tetradecane (C14)	8.304	2654449	20.695 ug/ml
7) T n-Hexadecane (C16)	9.899	2894533	20.647 ug/ml
8) T n-Octadecane (C18)	11.337	3111064	20.544 ug/ml
10) T n-Eicosane (C20)	12.640	3128263	20.643 ug/ml
11) T n-Heneicosane (C21)	13.250	3116031	20.816 ug/ml
13) T n-Docosane (C22)	13.834	3116647	20.495 ug/ml
14) T n-Tetracosane (C24)	14.932	3101899	20.032 ug/ml
15) T n-Hexacosane (C26)	15.948	2982594	19.704 ug/ml
16) T n-Octacosane (C28)	16.892	2817252	19.481 ug/ml
17) T n-Tricontane (C30)	17.777	2703646	19.610 ug/ml
18) T n-Dotriacontane (C32)	18.604	2443691	19.701 ug/ml
19) T n-Tetratriacontane (C34)	19.384	2080257	20.591 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1649524	20.916 ug/ml
21) T n-Octatriacontane (C38)	20.858	1330791	21.416 ug/ml
22) T n-Tetracontane (C40)	21.778	1015257	22.422 ug/ml

(f)=RT Delta > 1/2 Window

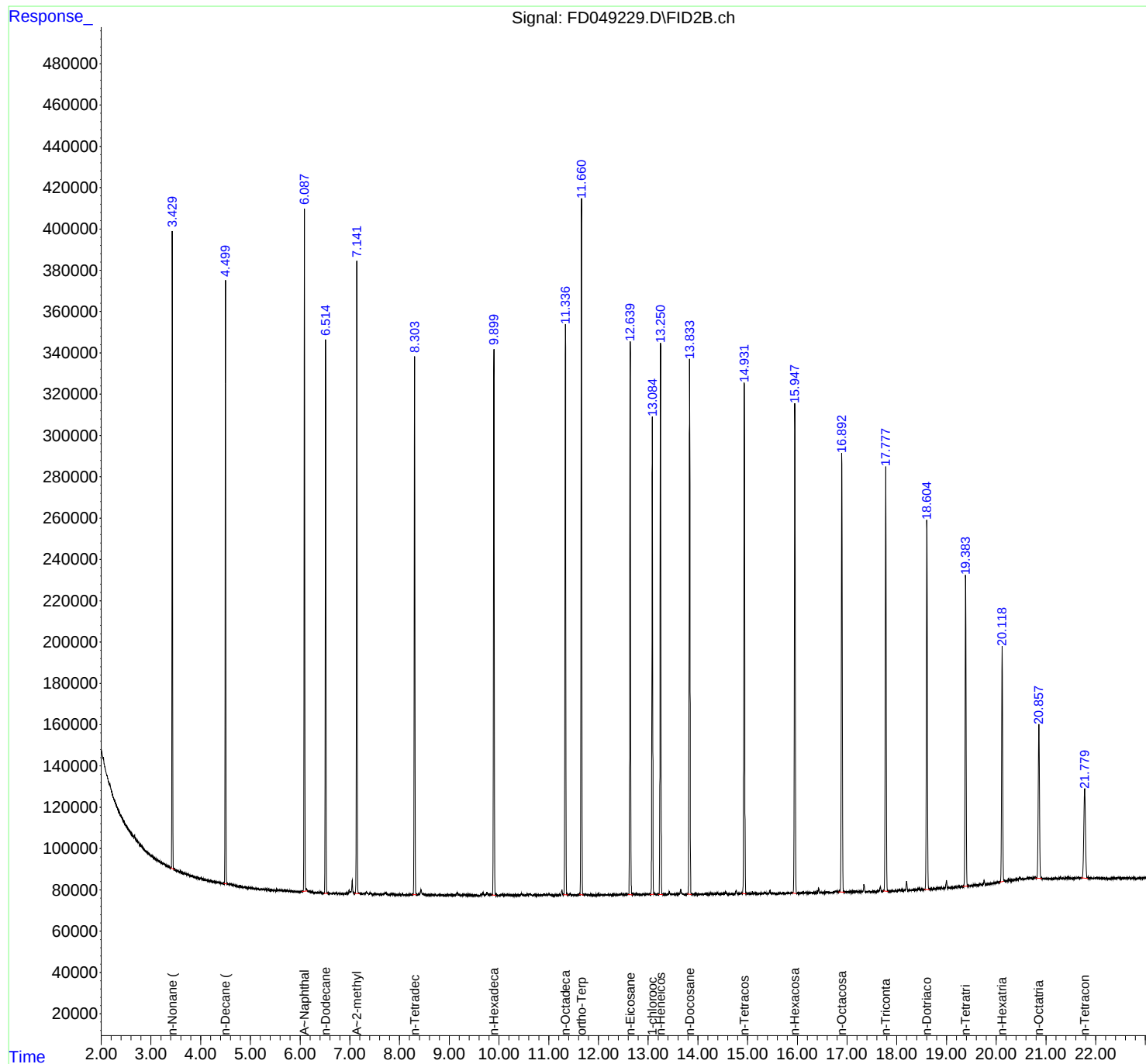
(m)=manual int.

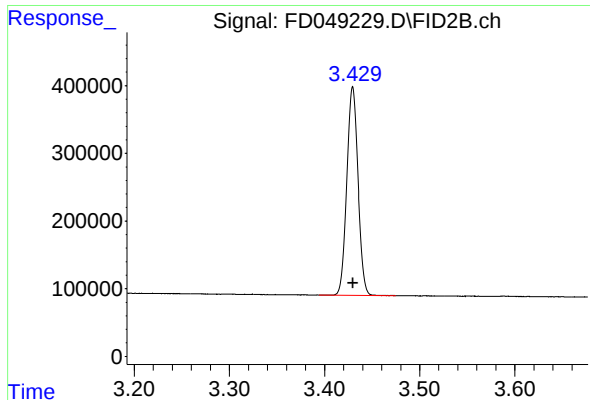
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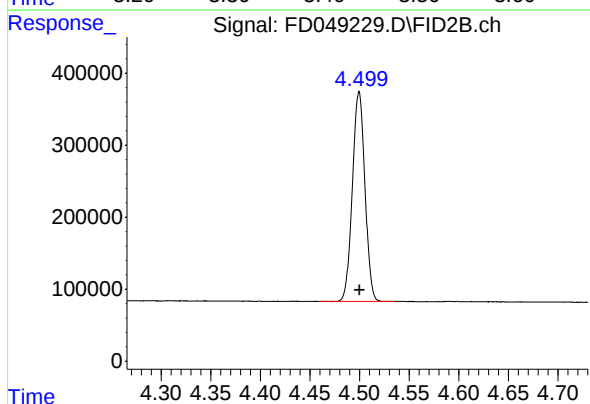




#1 n-Nonane (C9)

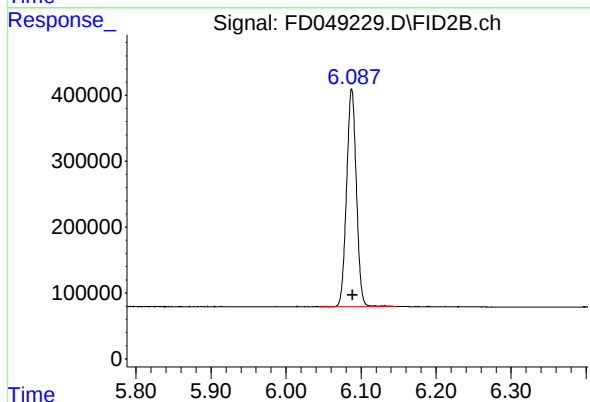
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 2527669
Conc: 20.87 ug/ml

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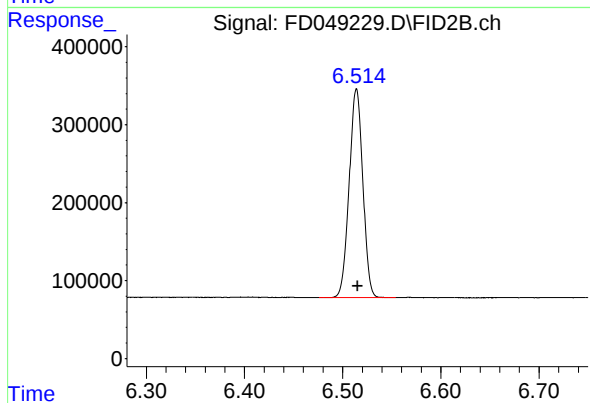
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 2561571
Conc: 20.84 ug/ml



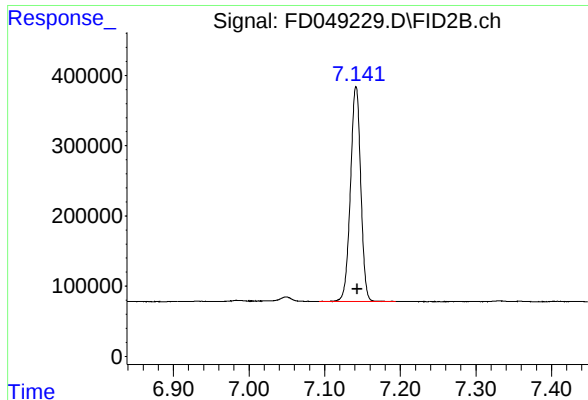
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 2992533
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

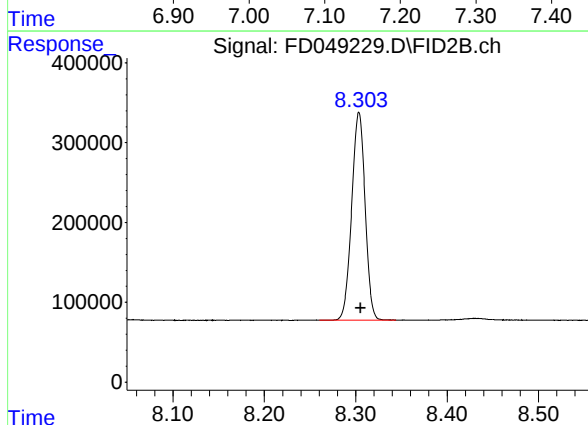
R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 2589895
Conc: 20.89 ug/ml



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

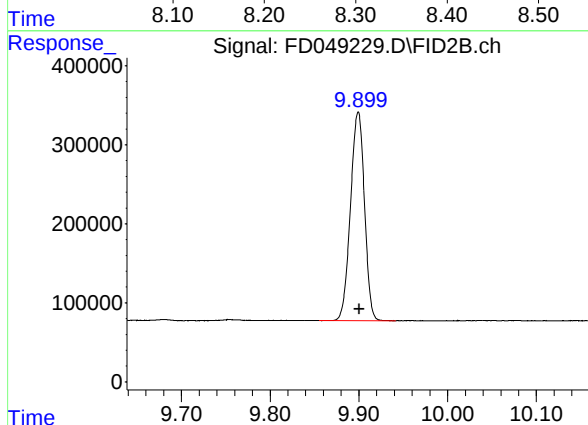
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 2896668
Conc: 20.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



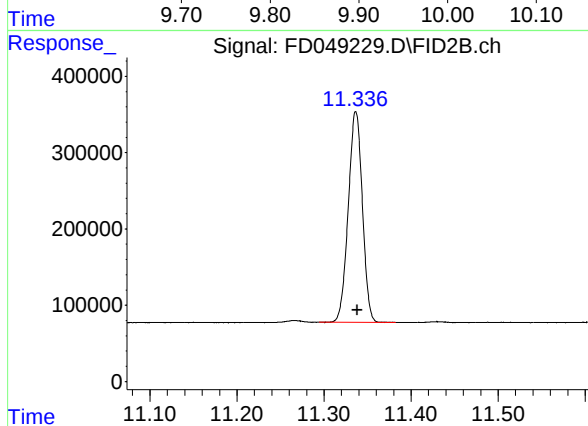
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 2654449
Conc: 20.69 ug/ml



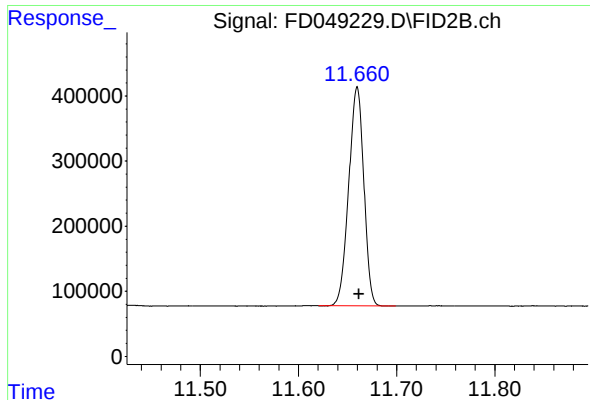
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.001 min
Response: 2894533
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

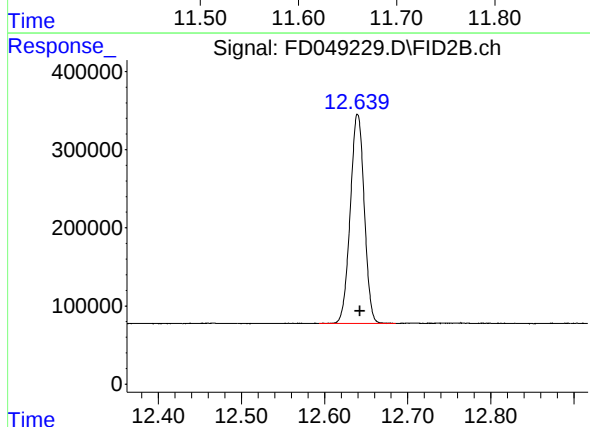
R.T.: 11.337 min
Delta R.T.: -0.002 min
Response: 3111064
Conc: 20.54 ug/ml



#9 ortho-Terphenyl (SURR)

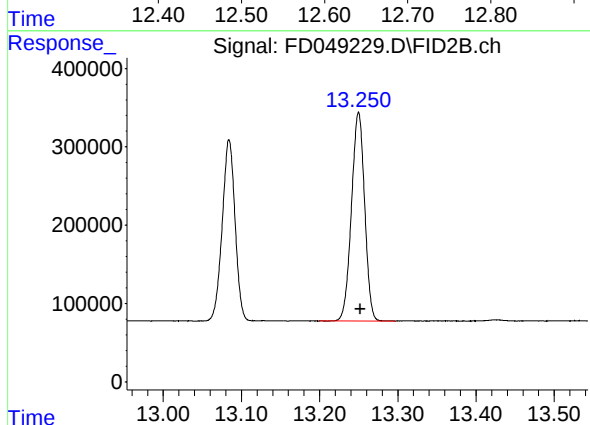
R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 3599939
Conc: 20.61 ug/ml

Instrument :
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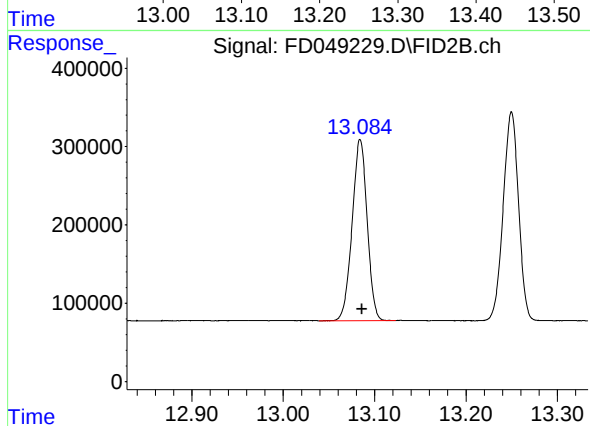
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.003 min
Response: 3128263
Conc: 20.64 ug/ml



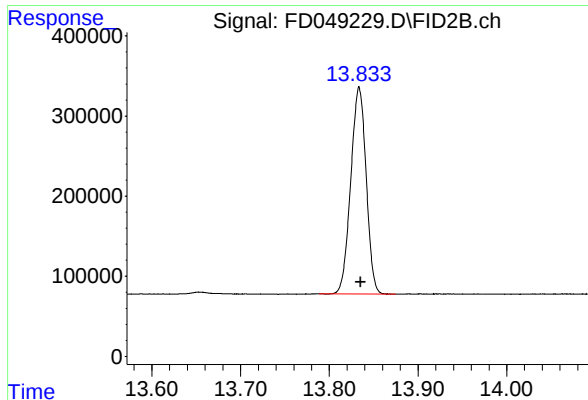
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.002 min
Response: 3116031
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

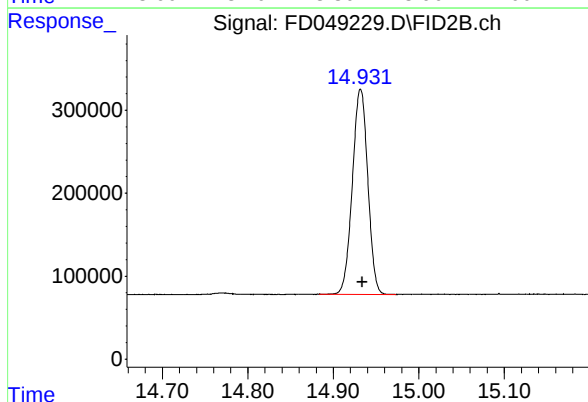
R.T.: 13.084 min
Delta R.T.: -0.002 min
Response: 2638741
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

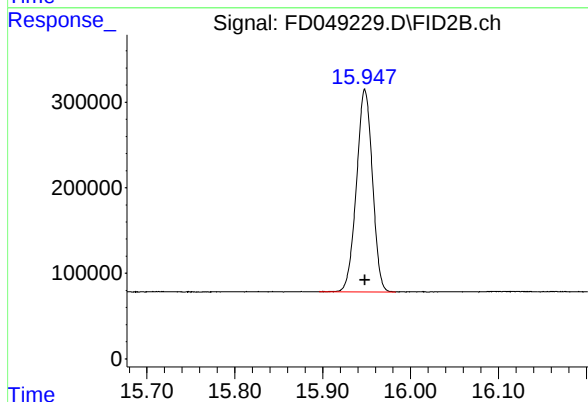
R.T.: 13.834 min
Delta R.T.: -0.002 min
Response: 3116647
Conc: 20.50 ug/ml

Instrument :
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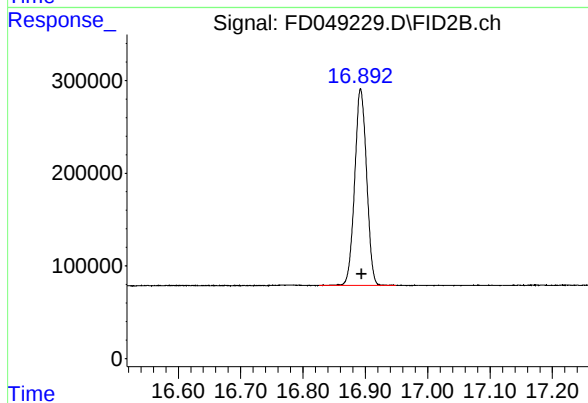
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.002 min
Response: 3101899
Conc: 20.03 ug/ml



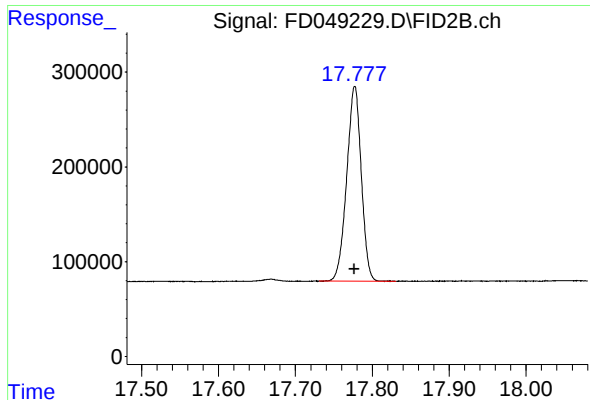
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.000 min
Response: 2982594
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

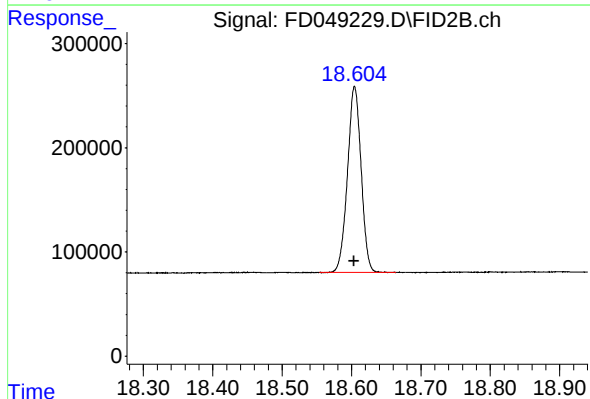
R.T.: 16.892 min
Delta R.T.: -0.002 min
Response: 2817252
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

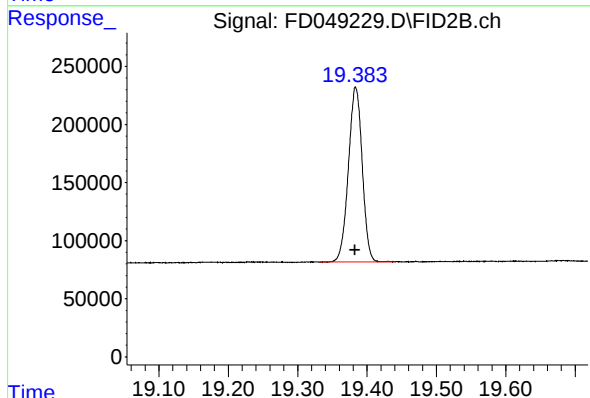
R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 2703646
Conc: 19.61 ug/ml

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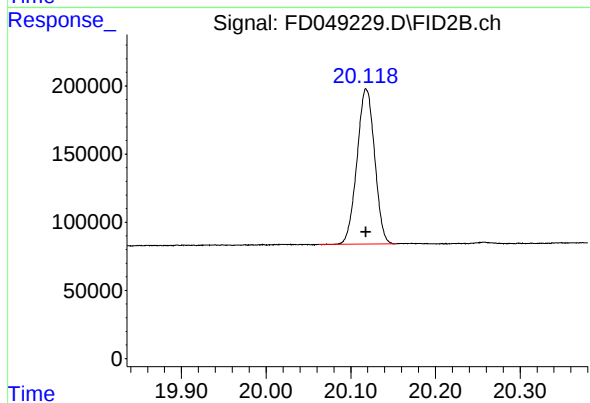
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: 0.000 min
Response: 2443691
Conc: 19.70 ug/ml



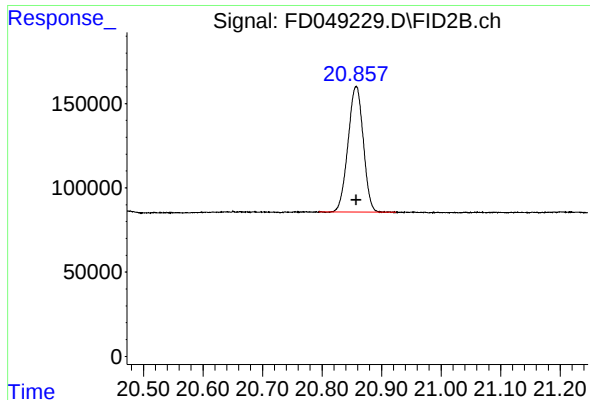
#19 n-Tetatriacontane (C34)

R.T.: 19.384 min
Delta R.T.: 0.000 min
Response: 2080257
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

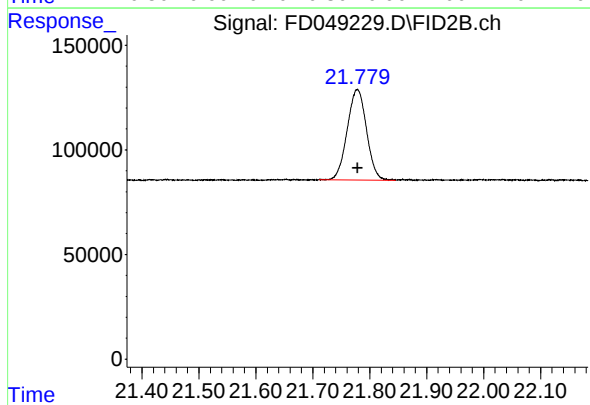
R.T.: 20.118 min
Delta R.T.: 0.000 min
Response: 1649524
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: 0.000 min
Response: 1330791
Conc: 21.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.778 min
Delta R.T.: 0.000 min
Response: 1015257
Conc: 22.42 ug/ml