

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AL\
 Data File : FD049411.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2025 03:27
 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: May 27 05:33:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 05:31:25 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	3849477	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	13.077	2971603	18.861 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.416	2289026	18.800 ug/ml
2) T n-Decane (C10)	4.485	2343545	18.774 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2814300	18.708 ug/ml
4) T n-Dodecane (C12)	6.501	2477580	18.686 ug/ml
5) T A~2-methylnaphthalene...	7.126	2874680	18.627 ug/ml
6) T n-Tetradecane (C14)	8.292	2626401	18.637 ug/ml
7) T n-Hexadecane (C16)	9.889	2885060	18.699 ug/ml
8) T n-Octadecane (C18)	11.327	3103489	18.784 ug/ml
10) T n-Eicosane (C20)	12.633	3192708	18.919 ug/ml
11) T n-Heneicosane (C21)	13.243	3191196	18.922 ug/ml
13) T n-Docosane (C22)	13.828	3228090	19.273 ug/ml
14) T n-Tetracosane (C24)	14.927	3242365	19.893 ug/ml
15) T n-Hexacosane (C26)	15.945	3162048	20.262 ug/ml
16) T n-Octacosane (C28)	16.892	3067335	20.384 ug/ml
17) T n-Tricontane (C30)	17.777	3007670	19.912 ug/ml
18) T n-Dotriacontane (C32)	18.607	2926492	19.703 ug/ml
19) T n-Tetratriacontane (C34)	19.389	2667456	19.140 ug/ml
20) T n-Hexatriacontane (C36)	20.125	2552347	19.089 ug/ml
21) T n-Octatriacontane (C38)	20.864	2427903	19.077 ug/ml
22) T n-Tetracontane (C40)	21.781	2315120	18.849 ug/ml

(f)=RT Delta > 1/2 Window

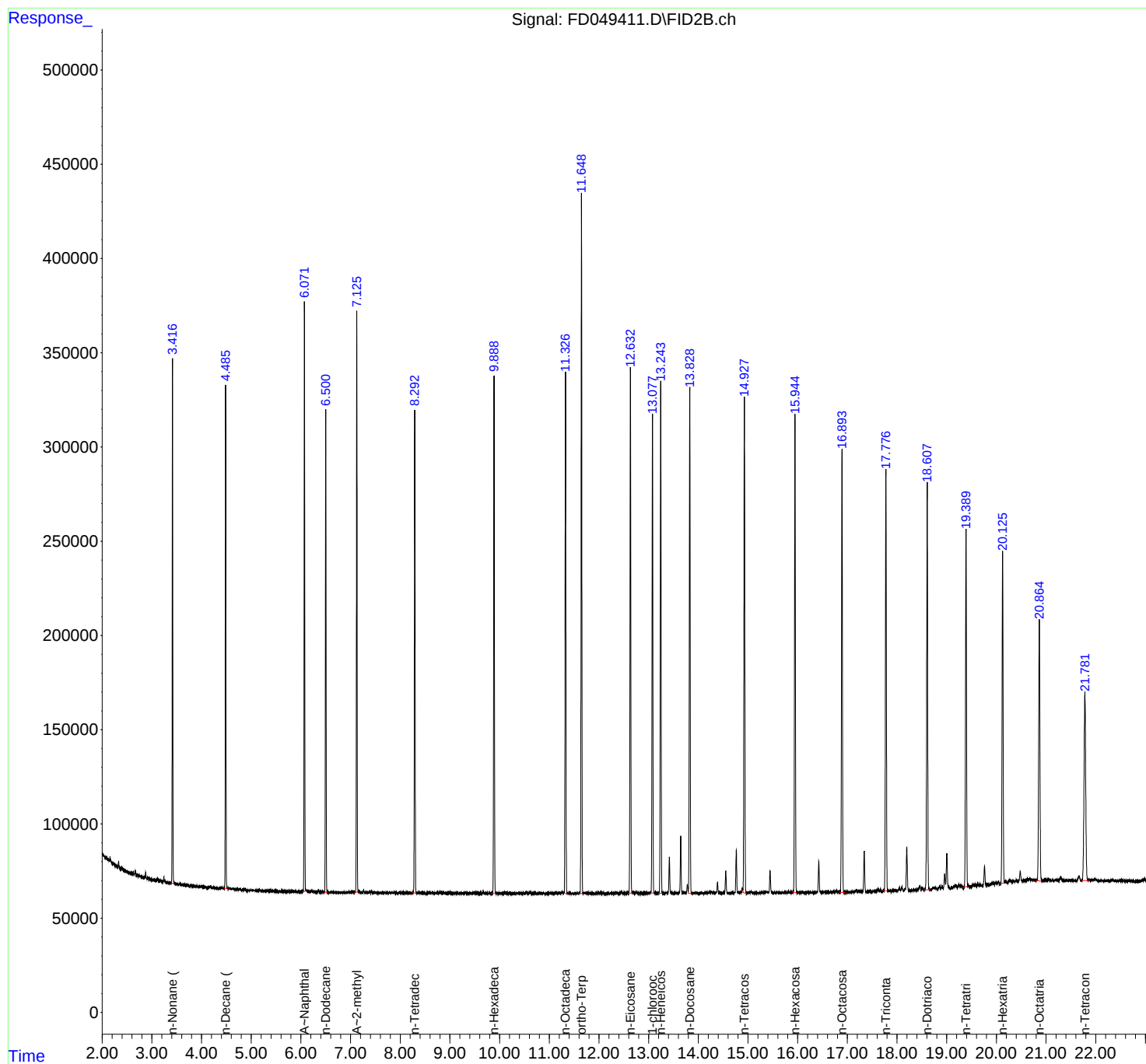
(m)=manual int.

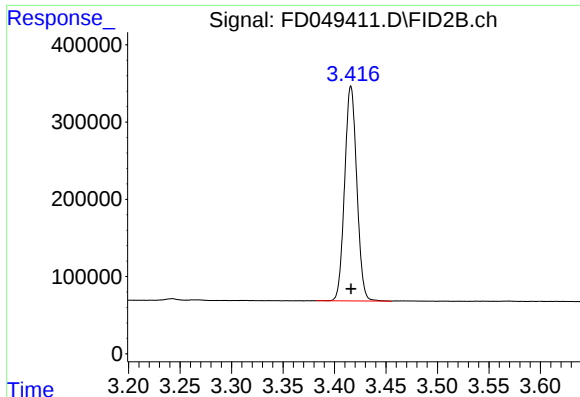
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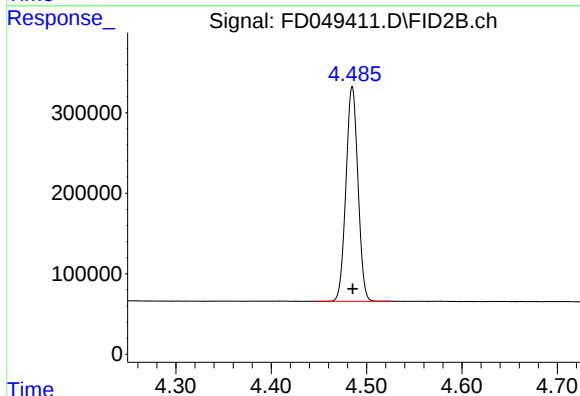




#1 n-Nonane (C9)

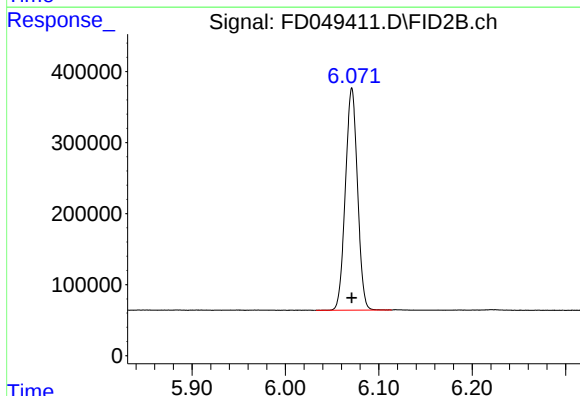
R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 2289026
Conc: 18.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



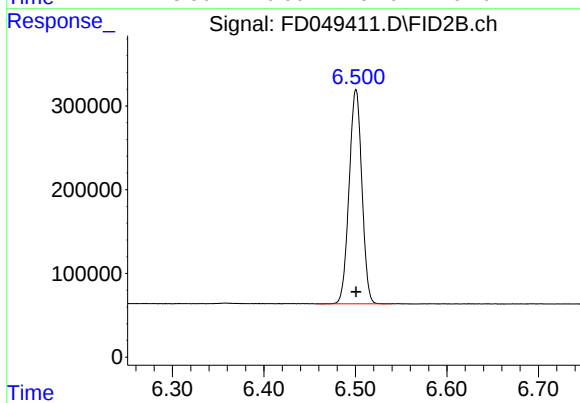
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 2343545
Conc: 18.77 ug/ml



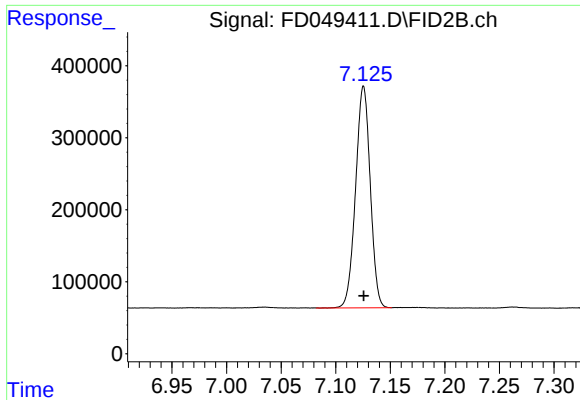
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 2814300
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

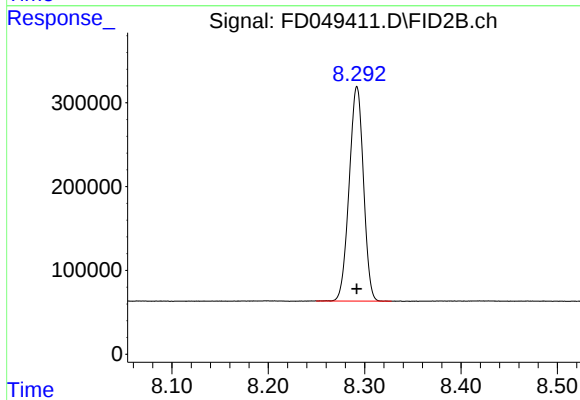
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 2477580
Conc: 18.69 ug/ml



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

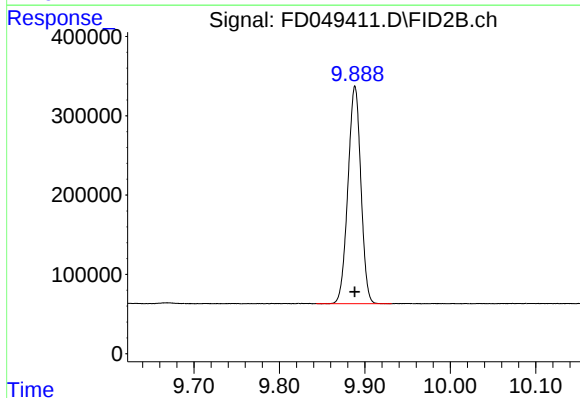
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2874680
Conc: 18.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



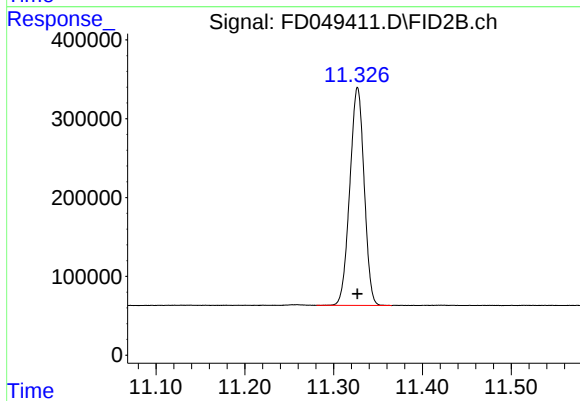
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2626401
Conc: 18.64 ug/ml



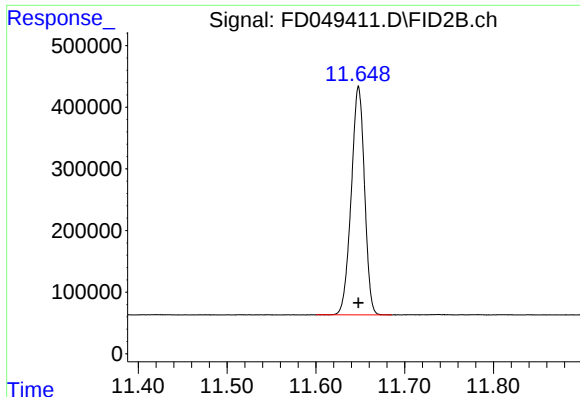
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 2885060
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

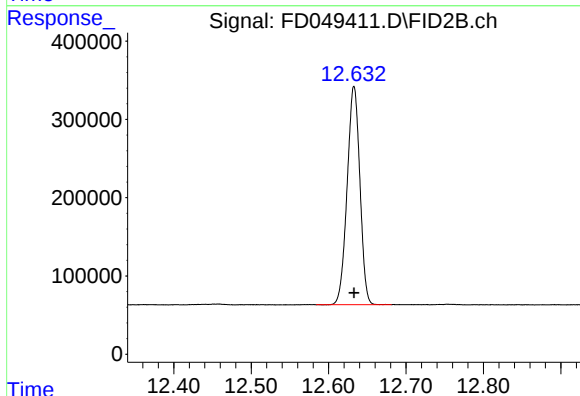
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 3103489
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

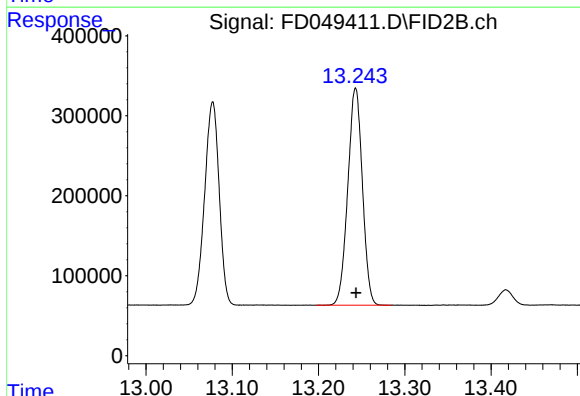
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 3849477
Conc: 18.75 ug/ml

Instrument :
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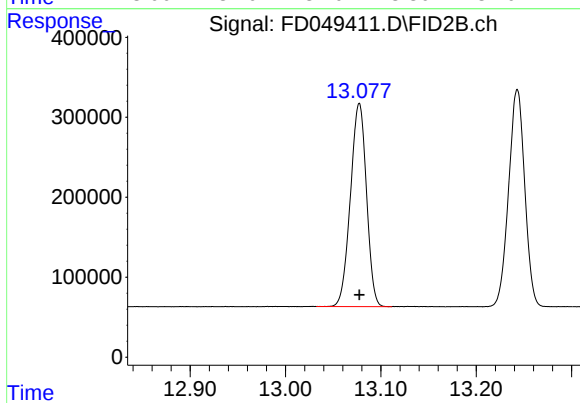
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3192708
Conc: 18.92 ug/ml



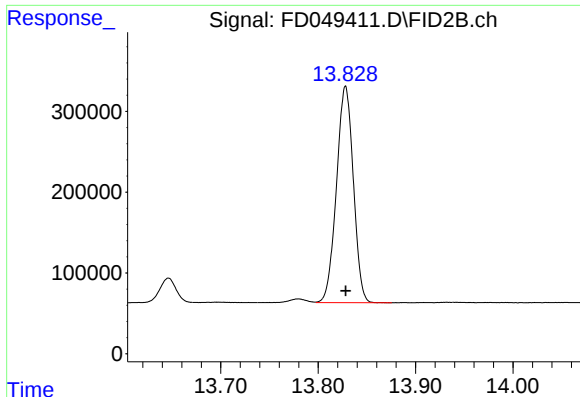
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.000 min
Response: 3191196
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

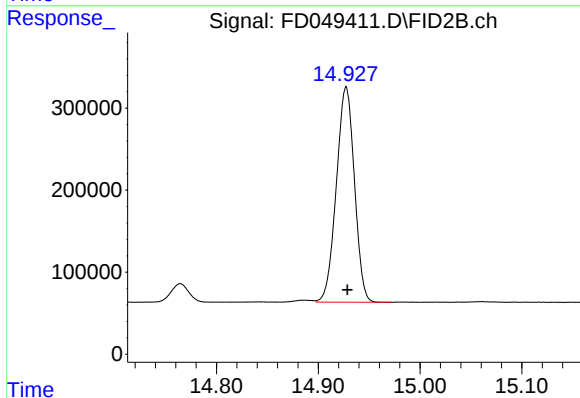
R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2971603
Conc: 18.86 ug/ml



#13 n-Docosane (C22)

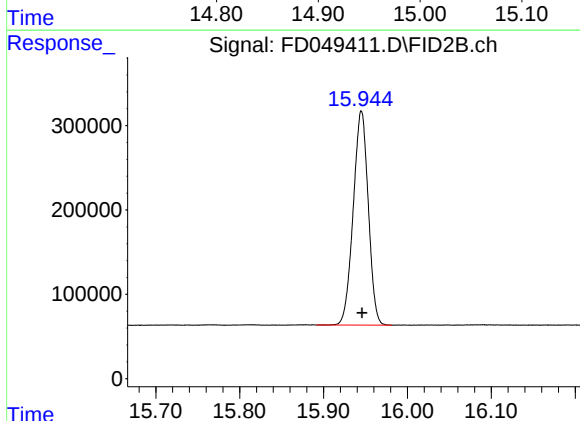
R.T.: 13.828 min
Delta R.T.: 0.000 min
Response: 3228090
Conc: 19.27 ug/ml

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20 PPM ALIPHATIC HC STD



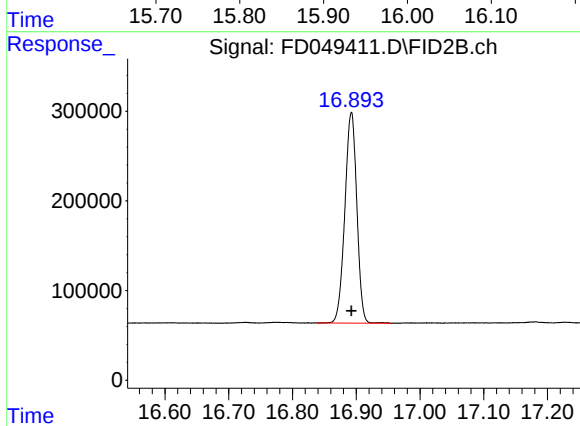
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.001 min
Response: 3242365
Conc: 19.89 ug/ml



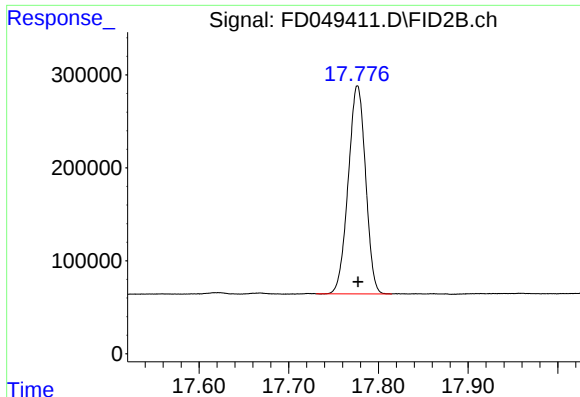
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: 0.000 min
Response: 3162048
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

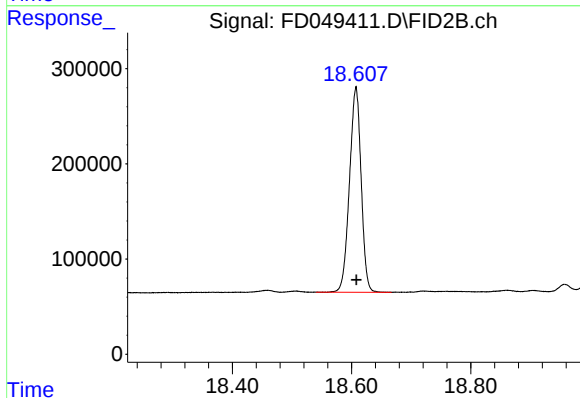
R.T.: 16.892 min
Delta R.T.: 0.000 min
Response: 3067335
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

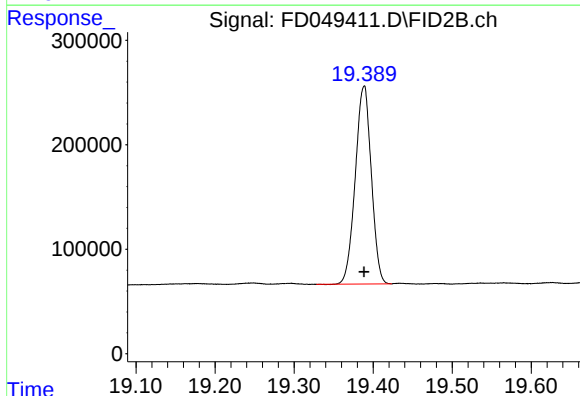
R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 3007670
Conc: 19.91 ug/ml

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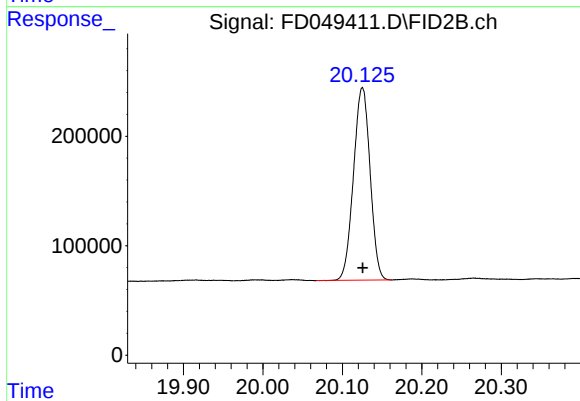
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.000 min
Response: 2926492
Conc: 19.70 ug/ml



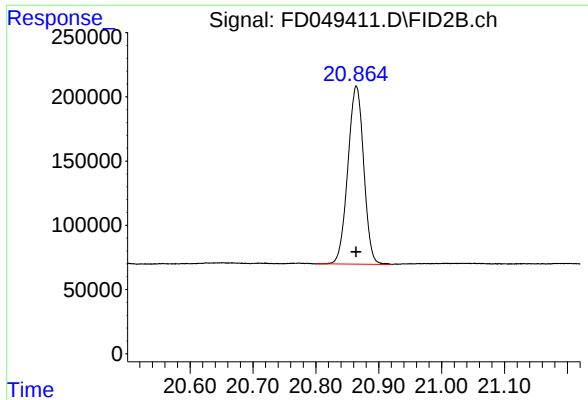
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.000 min
Response: 2667456
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

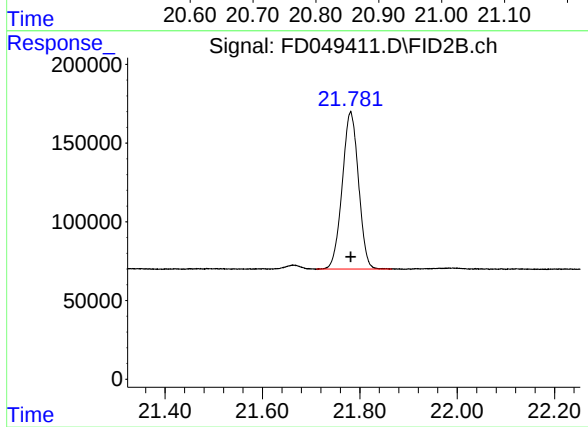
R.T.: 20.125 min
Delta R.T.: 0.000 min
Response: 2552347
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: 0.000 min
Response: 2427903
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: 0.000 min
Response: 2315120
Conc: 18.85 ug/ml