

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101123AL\
 Data File : FD046733.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2023 03:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 04:25:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 04:20:27 2023
 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)	11.379	4285563	20.350 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	12.814	3203752	20.369 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.214	3263420	20.283 ug/ml
2) T n-Decane (C10)	4.267	3311208	20.380 ug/ml
3) T A~Naphthalene (C11.7)	5.826	3678559	20.435 ug/ml
4) T n-Dodecane (C12)	6.268	3346055	20.336 ug/ml
5) T A~2-methylnaphthalene...	6.875	3622290	20.483 ug/ml
6) T n-Tetradecane (C14)	8.052	3330442	20.320 ug/ml
7) T n-Hexadecane (C16)	9.643	3433881	20.362 ug/ml
8) T n-Octadecane (C18)	11.076	3538623	20.371 ug/ml
10) T n-Eicosane (C20)	12.376	3528207	20.392 ug/ml
11) T n-Heneicosane (C21)	12.984	3522744	20.352 ug/ml
13) T n-Docosane (C22)	13.566	3539763	20.487 ug/ml
14) T n-Tetracosane (C24)	14.661	3557676	20.522 ug/ml
15) T n-Hexacosane (C26)	15.675	3460621	20.659 ug/ml
16) T n-Octacosane (C28)	16.616	3336872	20.760 ug/ml
17) T n-Tricontane (C30)	17.497	3268535	20.779 ug/ml
18) T n-Dotriacontane (C32)	18.322	3125729	20.698 ug/ml
19) T n-Tetratriacontane (C34)	19.099	2925635	20.626 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2782109	20.425 ug/ml
21) T n-Octatriacontane (C38)	20.531	2657652	20.425 ug/ml
22) T n-Tetracontane (C40)	21.343	2546039	20.382 ug/ml

(f)=RT Delta > 1/2 Window

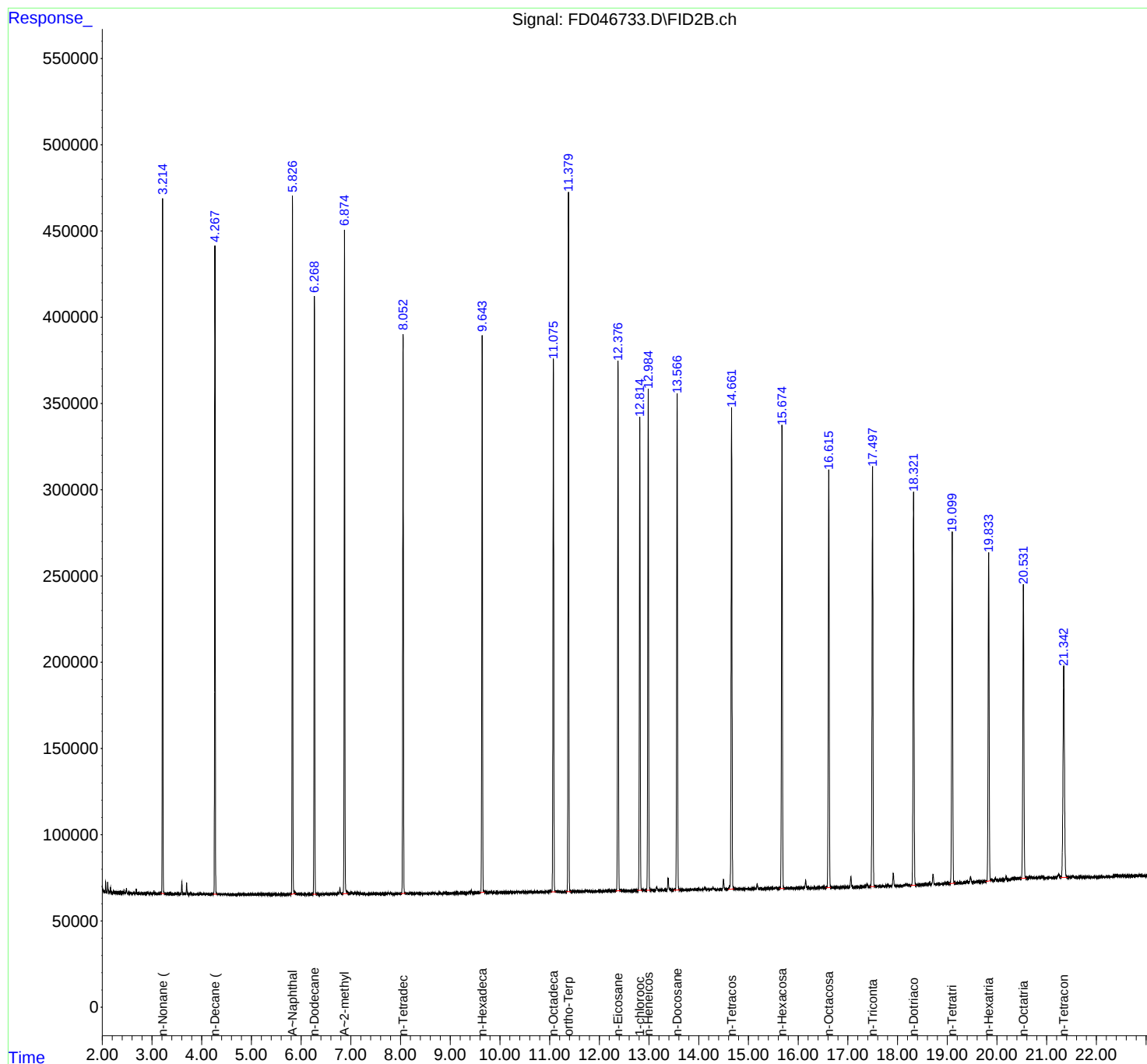
(m)=manual int.

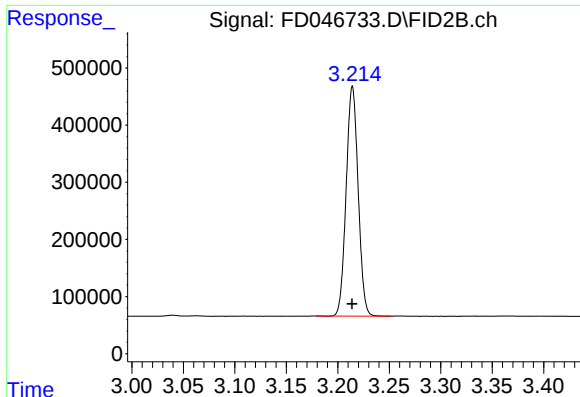
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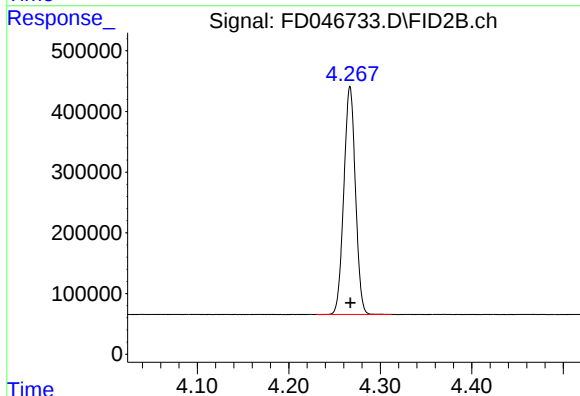




#1 n-Nonane (C9)

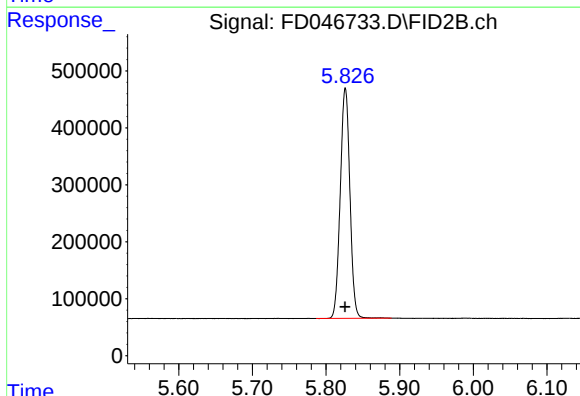
R.T.: 3.214 min
Delta R.T.: 0.000 min
Response: 3263420
Conc: 20.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



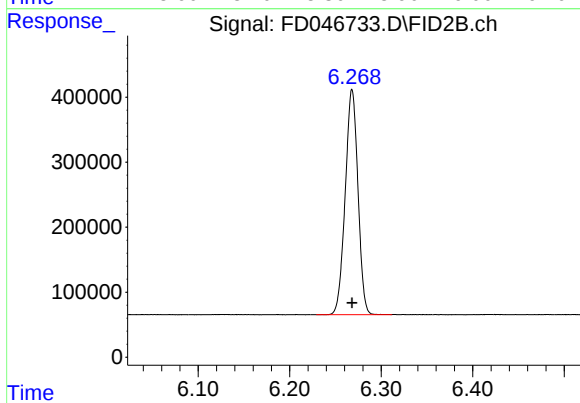
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 3311208
Conc: 20.38 ug/ml



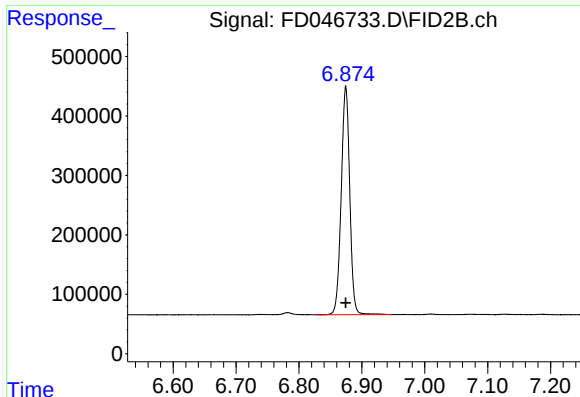
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 3678559
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

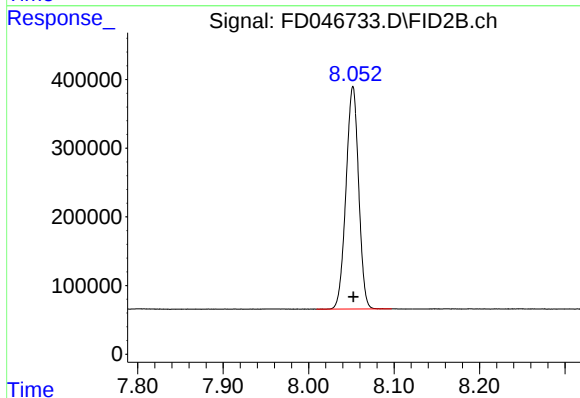
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 3346055
Conc: 20.34 ug/ml



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

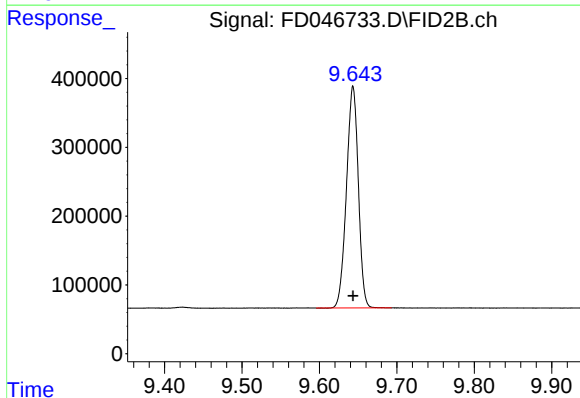
R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 3622290
Conc: 20.48 ug/ml

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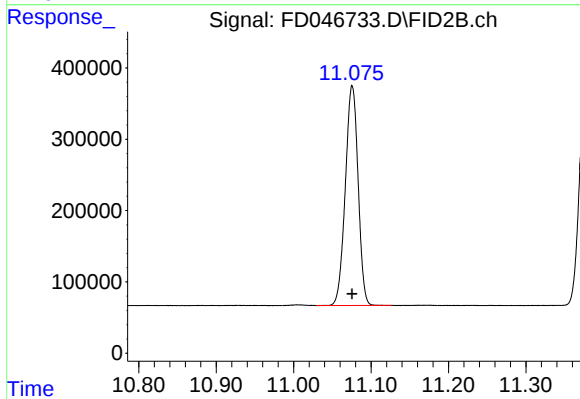
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 3330442
Conc: 20.32 ug/ml



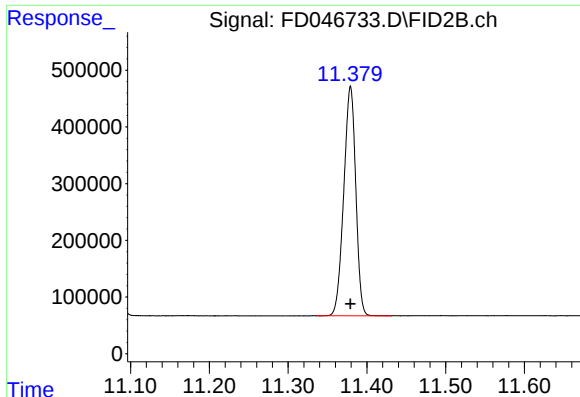
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: 0.000 min
Response: 3433881
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

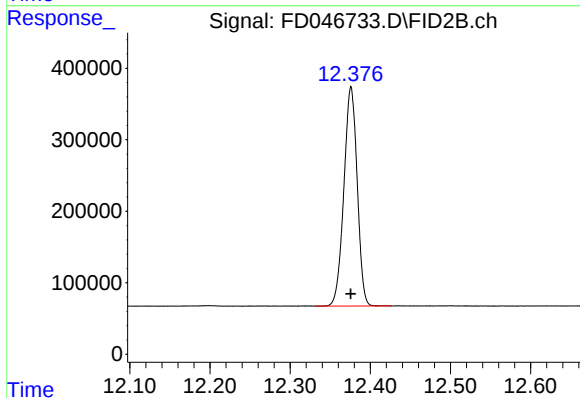
R.T.: 11.076 min
Delta R.T.: 0.000 min
Response: 3538623
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

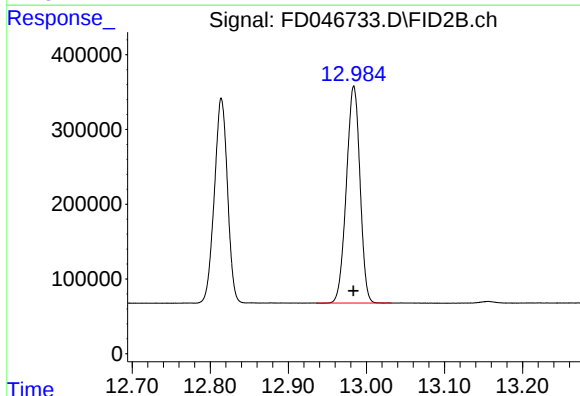
R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4285563
Conc: 20.35 ug/ml

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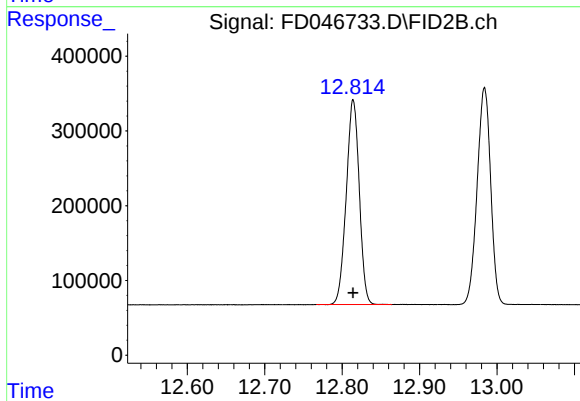
#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: 0.000 min
Response: 3528207
Conc: 20.39 ug/ml



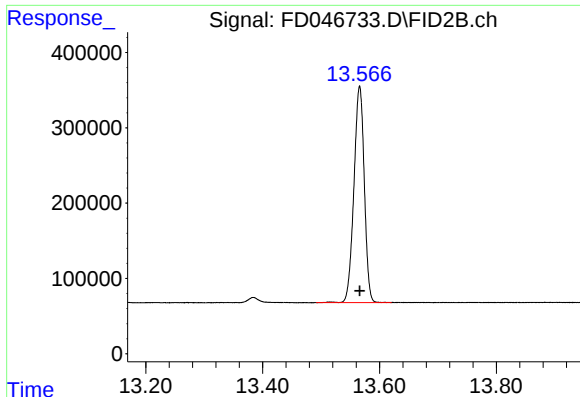
#11 n-Heneicosane (C21)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 3522744
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

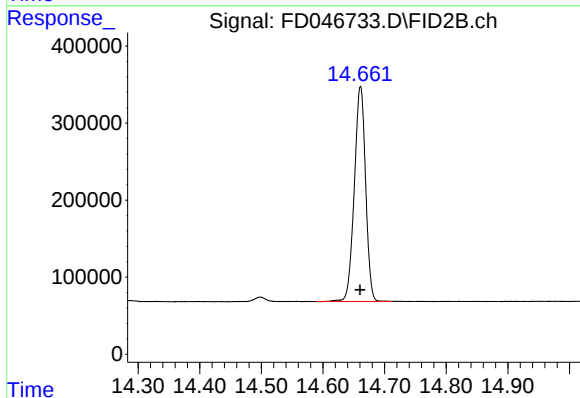
R.T.: 12.814 min
Delta R.T.: 0.000 min
Response: 3203752
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

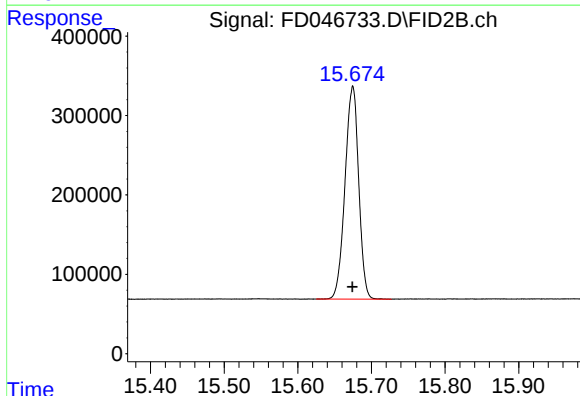
R.T.: 13.566 min
Delta R.T.: 0.000 min
Response: 3539763
Conc: 20.49 ug/ml

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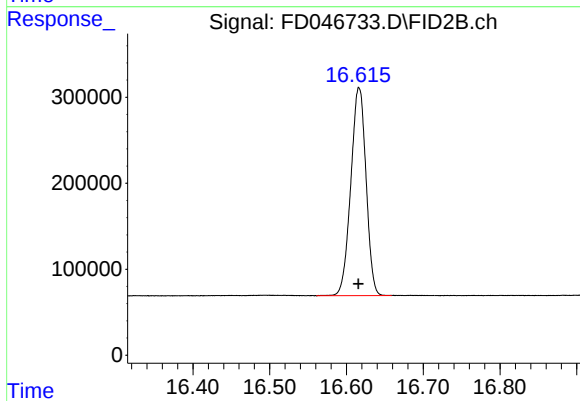
#14 n-Tetracosane (C24)

R.T.: 14.661 min
Delta R.T.: 0.000 min
Response: 3557676
Conc: 20.52 ug/ml



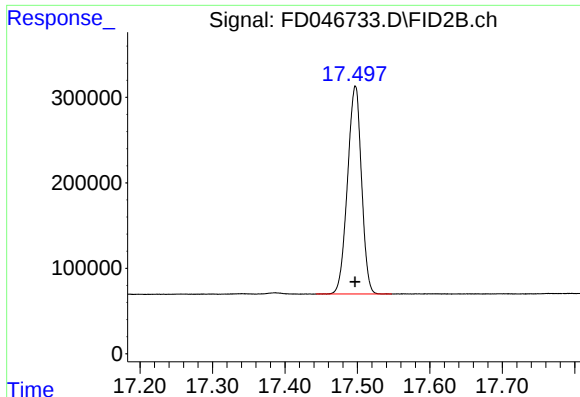
#15 n-Hexacosane (C26)

R.T.: 15.675 min
Delta R.T.: 0.000 min
Response: 3460621
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

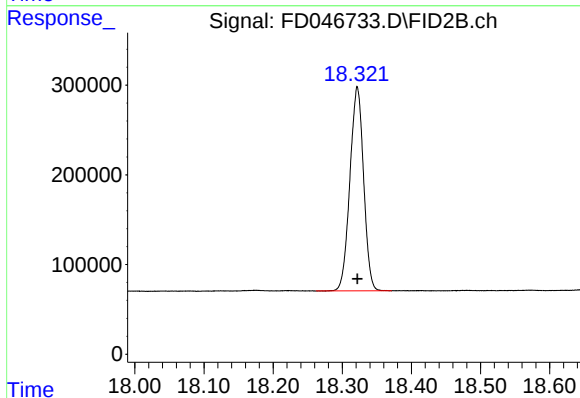
R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 3336872
Conc: 20.76 ug/ml



#17 n-Tricontane (C30)

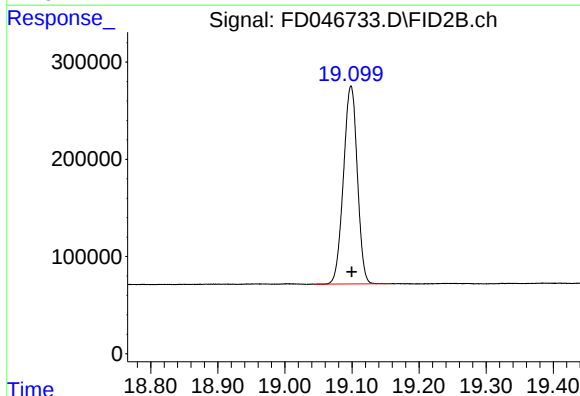
R.T.: 17.497 min
Delta R.T.: 0.000 min
Response: 3268535
Conc: 20.78 ug/ml

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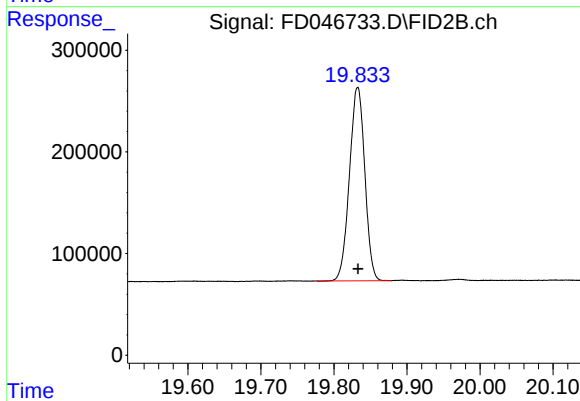
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.000 min
Response: 3125729
Conc: 20.70 ug/ml



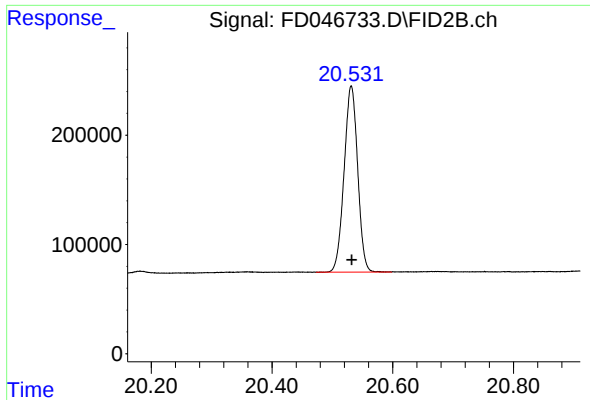
#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 2925635
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

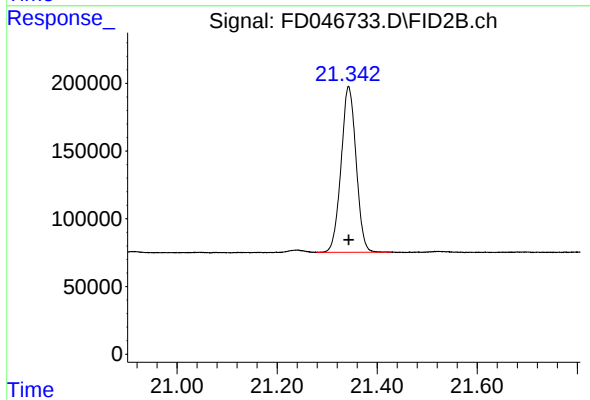
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2782109
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 2657652
Conc: 20.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: 0.000 min
Response: 2546039
Conc: 20.38 ug/ml