

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051624AL\
 Data File : FD047767.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2024 15:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 03:58:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.352	4071021	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.791	3035338	18.627 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T n-Nonane (C9)	3.186	3612104	18.760 ug/ml
2) T n-Decane (C10)	4.238	3677225	18.574 ug/ml
3) T A~Naphthalene (C11.7)	5.795	4069122	18.685 ug/ml
4) T n-Dodecane (C12)	6.239	3701255	18.636 ug/ml
5) T A~2-methylnaphthalene...	6.844	3917355	18.674 ug/ml
6) T n-Tetradecane (C14)	8.023	3659810	18.738 ug/ml
7) T n-Hexadecane (C16)	9.616	3760626	18.738 ug/ml
8) T n-Octadecane (C18)	11.050	3807747	18.749 ug/ml
10) T n-Eicosane (C20)	12.353	3645660	18.674 ug/ml
11) T n-Heneicosane (C21)	12.962	3582810	18.626 ug/ml
13) T n-Docosane (C22)	13.544	3544731	18.628 ug/ml
14) T n-Tetracosane (C24)	14.642	3475684	18.486 ug/ml
15) T n-Hexacosane (C26)	15.657	3342761	18.453 ug/ml
16) T n-Octacosane (C28)	16.602	3199662	18.359 ug/ml
17) T n-Tricontane (C30)	17.486	3190998	18.286 ug/ml
18) T n-Dotriacontane (C32)	18.314	3080378	18.092 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2969474	18.413 ug/ml
20) T n-Hexatriacontane (C36)	19.830	2830477	18.516 ug/ml
21) T n-Octatriacontane (C38)	20.531	2753961	18.730 ug/ml
22) T n-Tetracontane (C40)	21.338	2642263	18.631 ug/ml

(f)=RT Delta > 1/2 Window

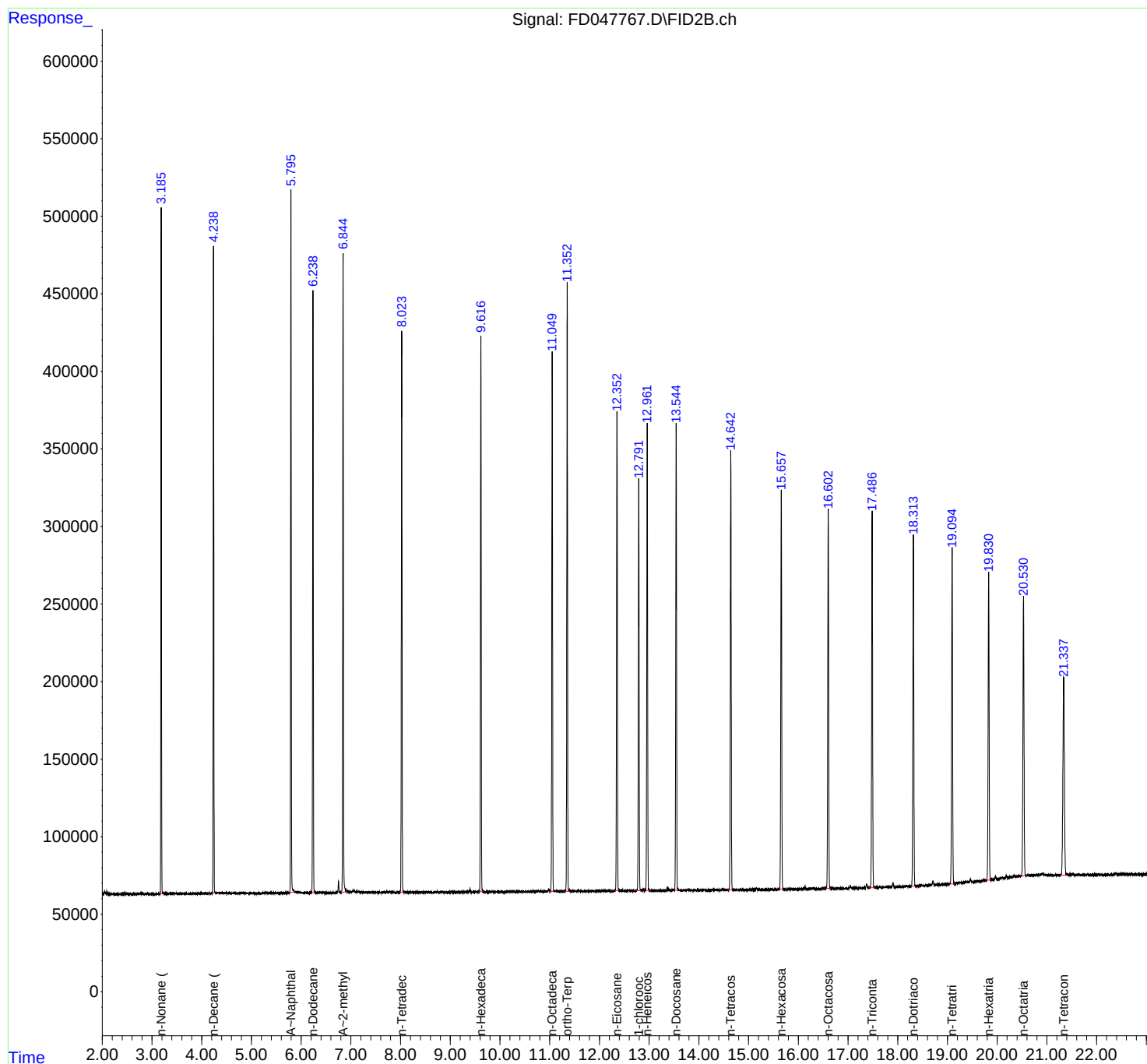
(m)=manual int.

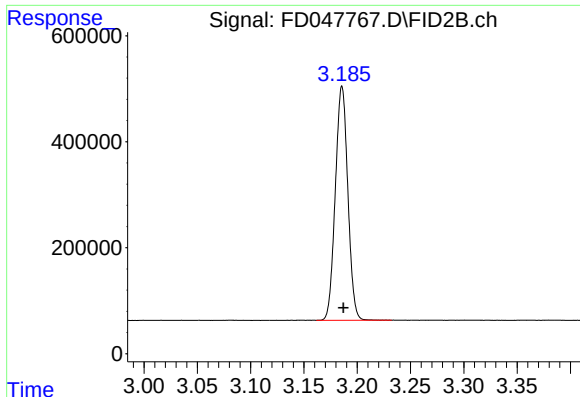
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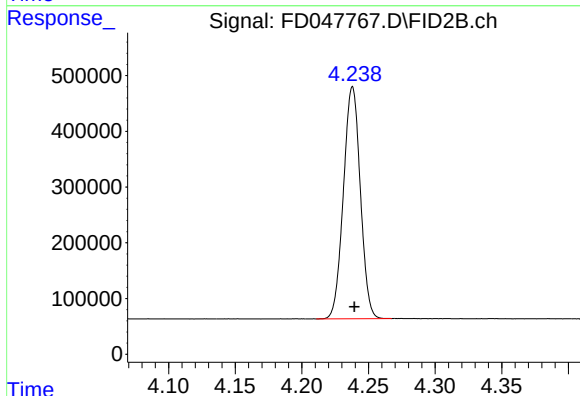




#1 n-Nonane (C9)

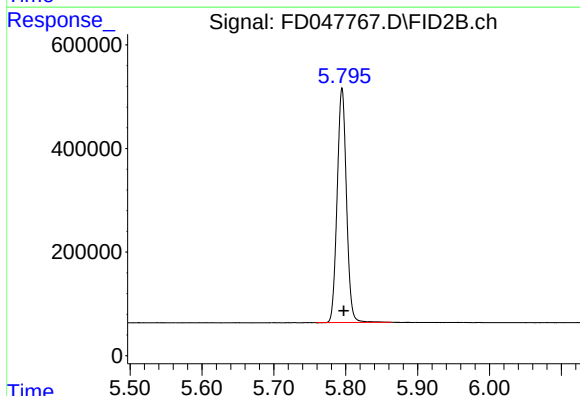
R.T.: 3.186 min
Delta R.T.: -0.001 min
Response: 3612104
Conc: 18.76 ug/ml

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20 PPM ALIPHATIC HC STD



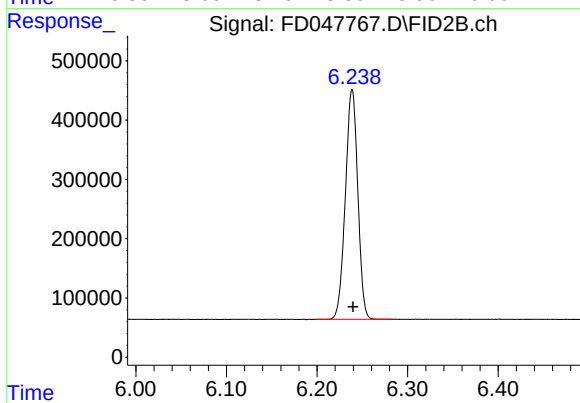
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 3677225
Conc: 18.57 ug/ml



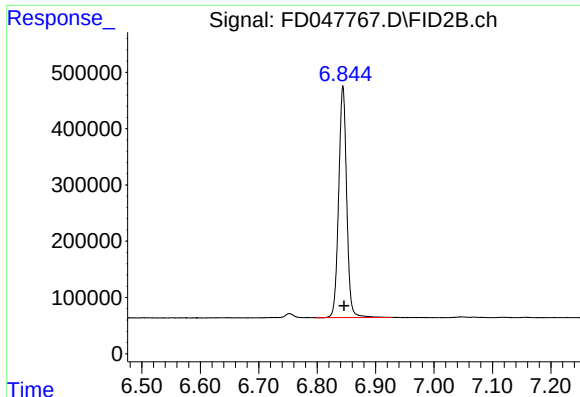
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 4069122
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

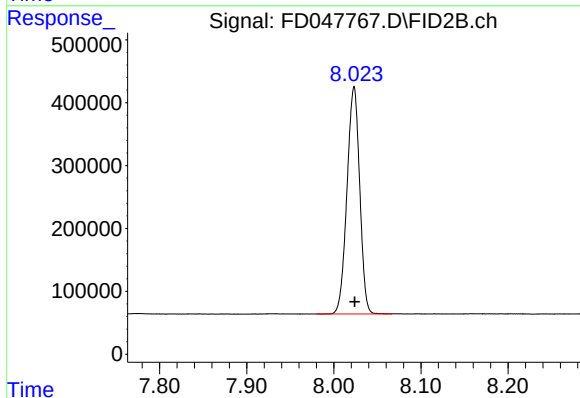
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 3701255
Conc: 18.64 ug/ml



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

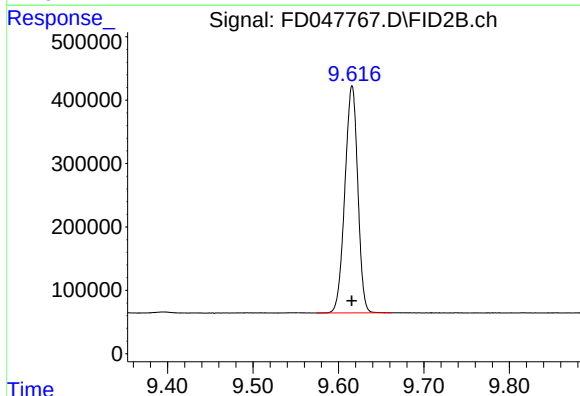
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 3917355
Conc: 18.67 ug/ml

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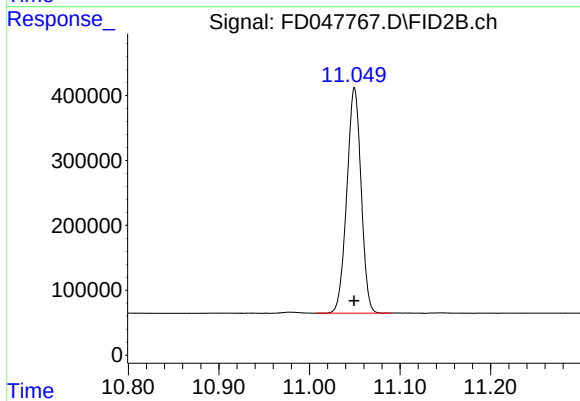
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 3659810
Conc: 18.74 ug/ml



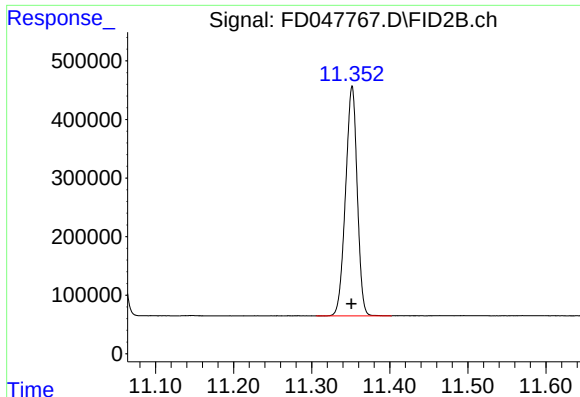
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 3760626
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

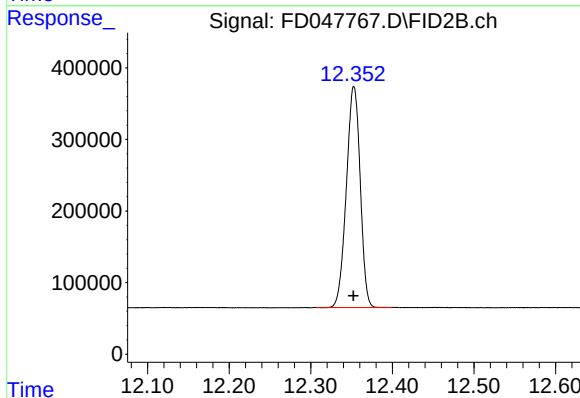
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 3807747
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

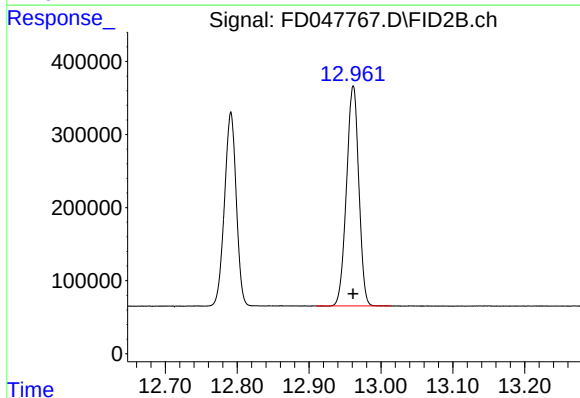
R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 4071021
Conc: 18.66 ug/ml

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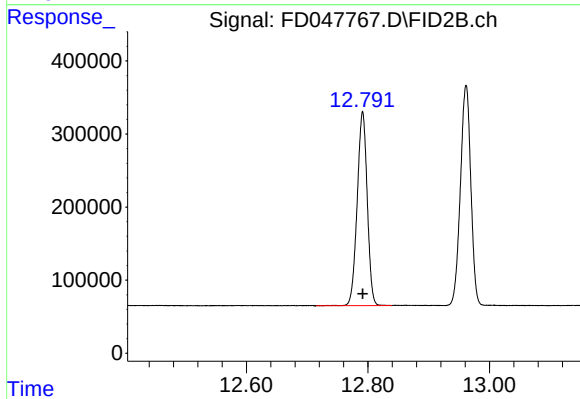
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 3645660
Conc: 18.67 ug/ml



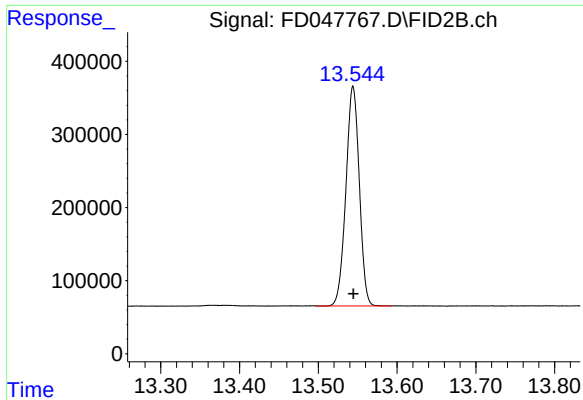
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 3582810
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

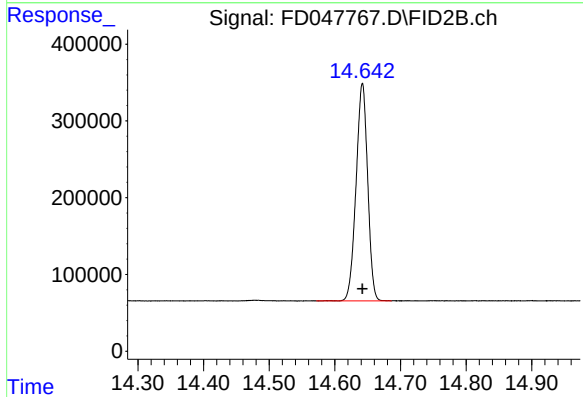
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 3035338
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

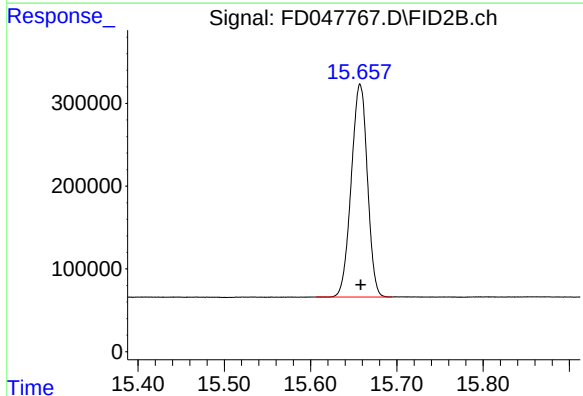
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3544731
Conc: 18.63 ug/ml

Instrument :
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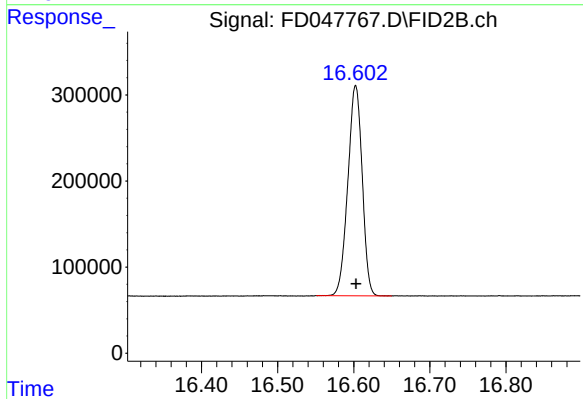
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 3475684
Conc: 18.49 ug/ml



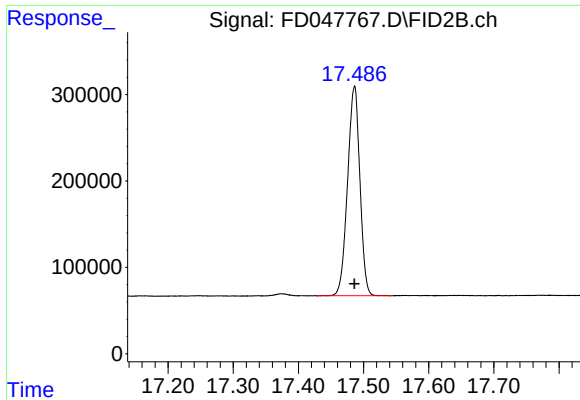
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: 0.000 min
Response: 3342761
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

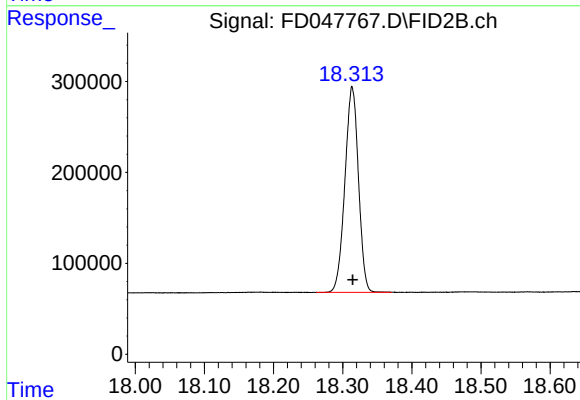
R.T.: 16.602 min
Delta R.T.: 0.000 min
Response: 3199662
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

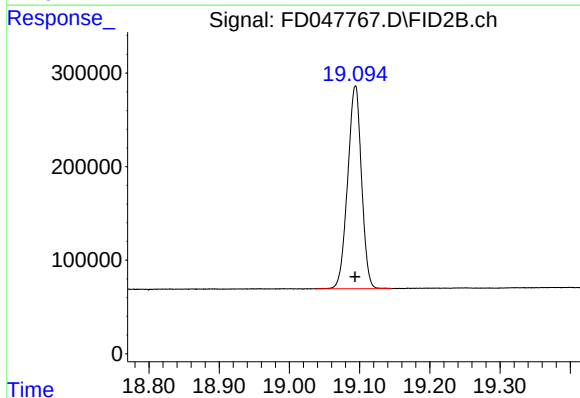
R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 3190998
Conc: 18.29 ug/ml

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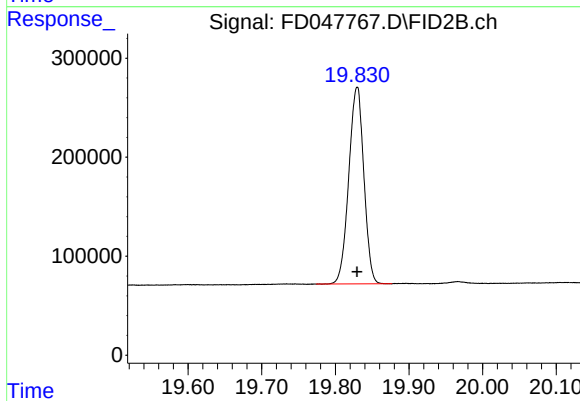
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 3080378
Conc: 18.09 ug/ml



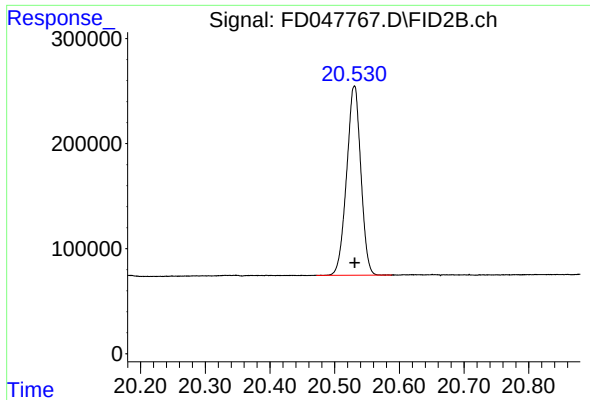
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2969474
Conc: 18.41 ug/ml



#20 n-Hexatriacontane (C36)

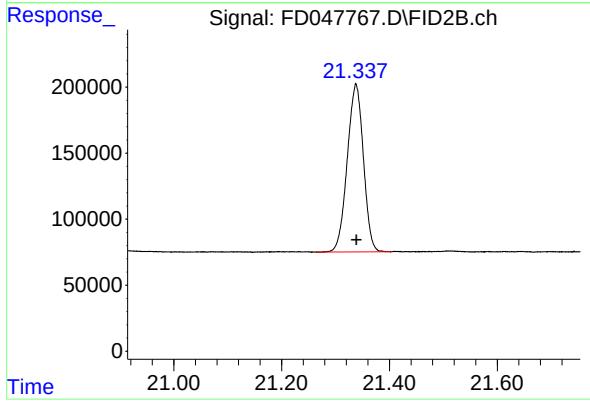
R.T.: 19.830 min
Delta R.T.: 0.000 min
Response: 2830477
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 2753961
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.338 min
Delta R.T.: 0.000 min
Response: 2642263
Conc: 18.63 ug/ml