

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AL\
 Data File : FD046714.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 13:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 00:29:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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	4492471	21.107 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	12.814	3356500	21.301 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T n-Nonane (C9)	3.214	3406380	20.599 ug/ml
2) T n-Decane (C10)	4.267	3446489	20.445 ug/ml
3) T A~Naphthalene (C11.7)	5.826	3819475	20.450 ug/ml
4) T n-Dodecane (C12)	6.268	3497462	20.590 ug/ml
5) T A~2-methylnaphthalene...	6.875	3795795	21.005 ug/ml
6) T n-Tetradecane (C14)	8.053	3488952	20.619 ug/ml
7) T n-Hexadecane (C16)	9.644	3604011	20.400 ug/ml
8) T n-Octadecane (C18)	11.076	3705637	20.212 ug/ml
10) T n-Eicosane (C20)	12.376	3709546	20.518 ug/ml
11) T n-Heneicosane (C21)	12.984	3692613	20.536 ug/ml
13) T n-Docosane (C22)	13.566	3687038	20.413 ug/ml
14) T n-Tetracosane (C24)	14.660	3713638	20.259 ug/ml
15) T n-Hexacosane (C26)	15.674	3606919	20.159 ug/ml
16) T n-Octacosane (C28)	16.617	3478133	20.151 ug/ml
17) T n-Tricontane (C30)	17.497	3419942	19.891 ug/ml
18) T n-Dotriacontane (C32)	18.322	3281169	20.064 ug/ml
19) T n-Tetratriacontane (C34)	19.099	3068992	19.692 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2921842	20.781 ug/ml
21) T n-Octatriacontane (C38)	20.532	2773305	20.712 ug/ml
22) T n-Tetracontane (C40)	21.343	2662891	21.066 ug/ml

(f)=RT Delta > 1/2 Window

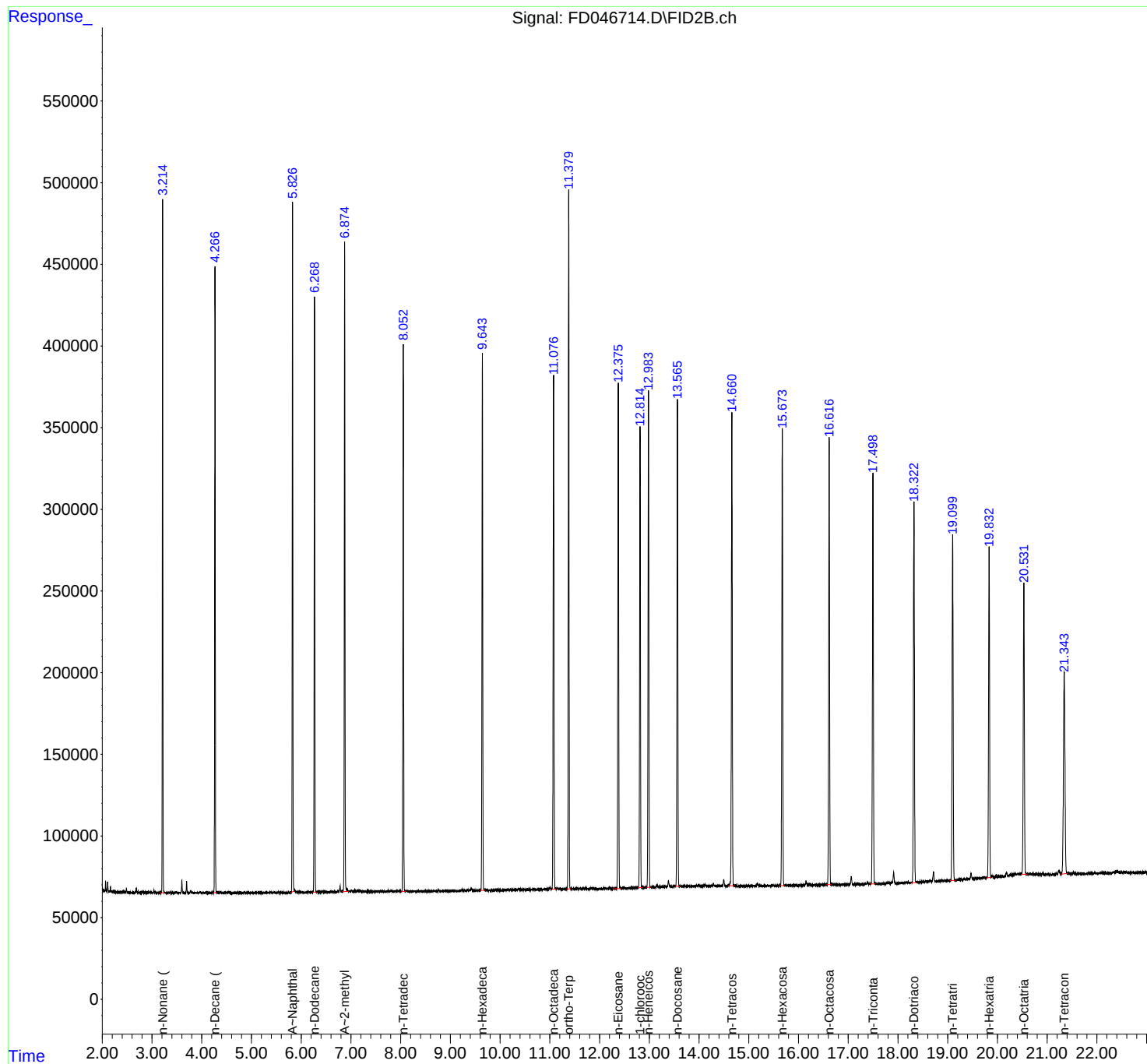
(m)=manual int.

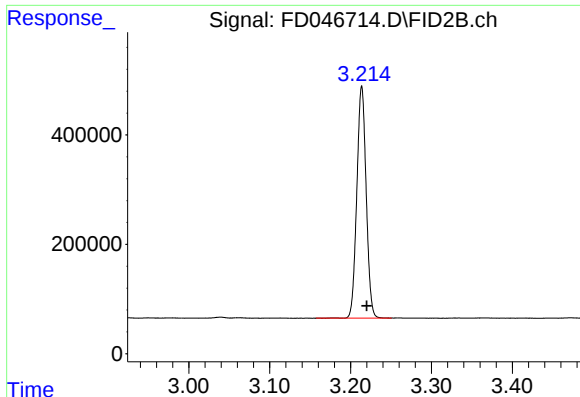
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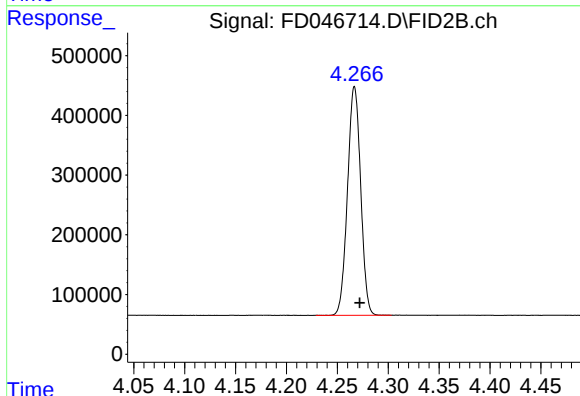




#1 n-Nonane (C9)

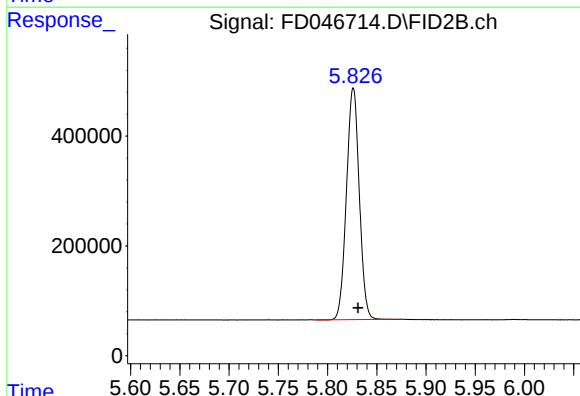
R.T.: 3.214 min
Delta R.T.: -0.006 min
Response: 3406380
Conc: 20.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



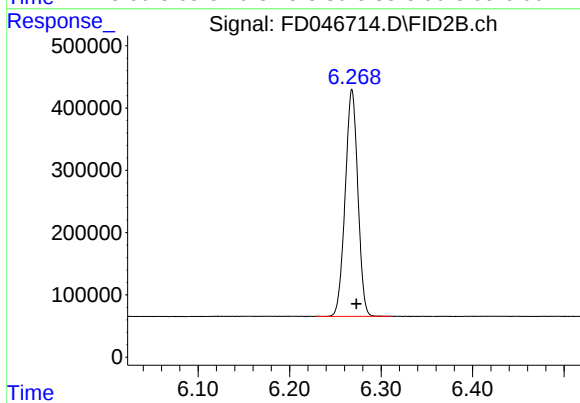
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: -0.005 min
Response: 3446489
Conc: 20.45 ug/ml



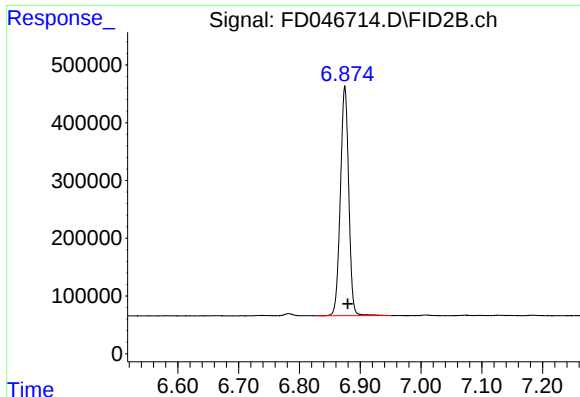
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.005 min
Response: 3819475
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

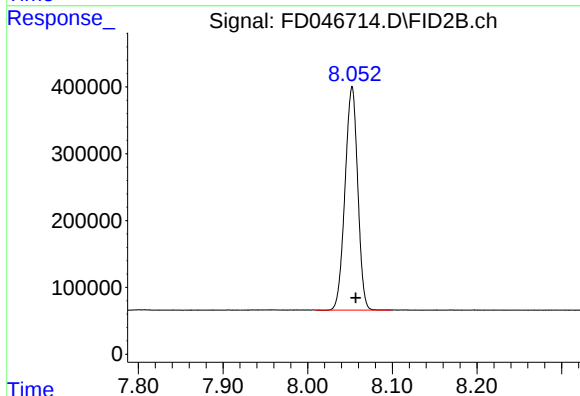
R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 3497462
Conc: 20.59 ug/ml



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

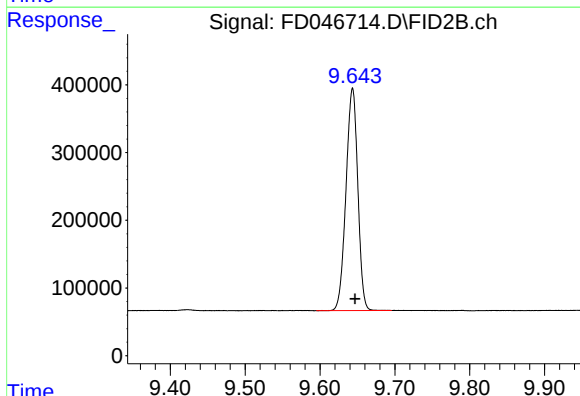
R.T.: 6.875 min
Delta R.T.: -0.005 min
Response: 3795795
Conc: 21.01 ug/ml

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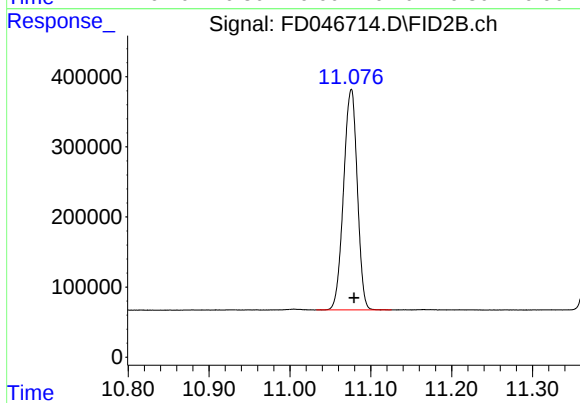
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 3488952
Conc: 20.62 ug/ml



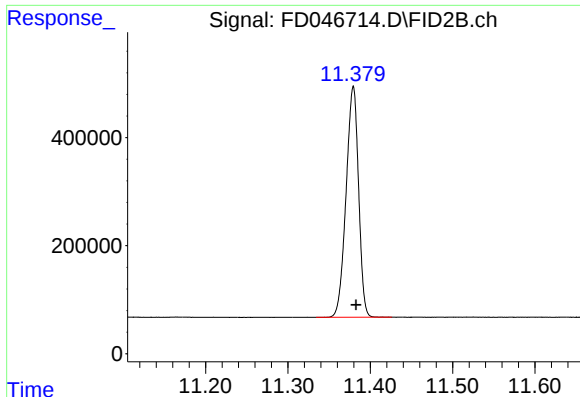
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 3604011
Conc: 20.40 ug/ml



#8 n-Octadecane (C18)

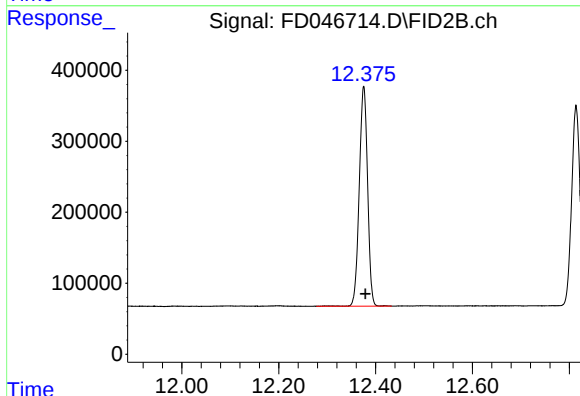
R.T.: 11.076 min
Delta R.T.: -0.004 min
Response: 3705637
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

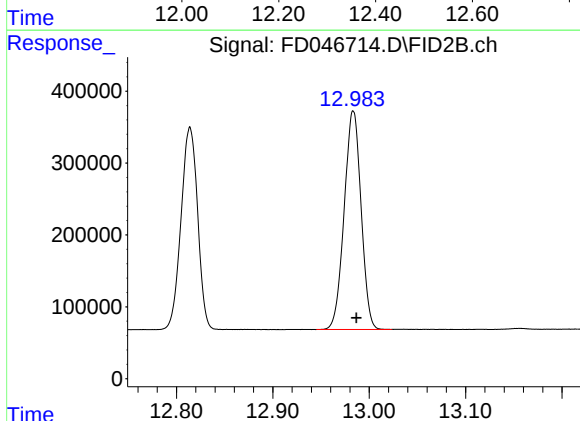
R.T.: 11.379 min
Delta R.T.: -0.003 min
Response: 4492471
Conc: 21.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



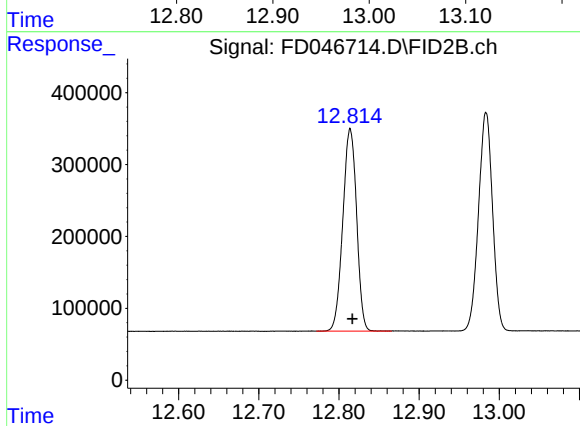
#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: -0.003 min
Response: 3709546
Conc: 20.52 ug/ml



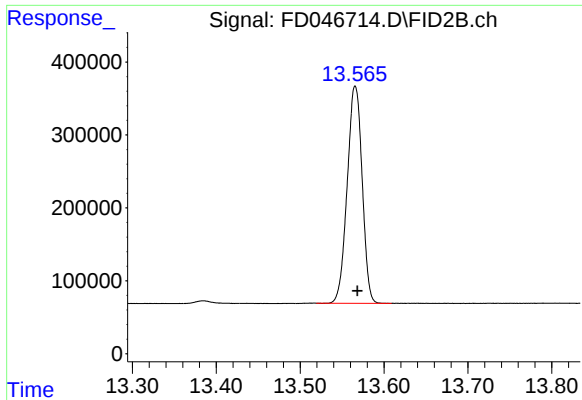
#11 n-Heneicosane (C21)

R.T.: 12.984 min
Delta R.T.: -0.003 min
Response: 3692613
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

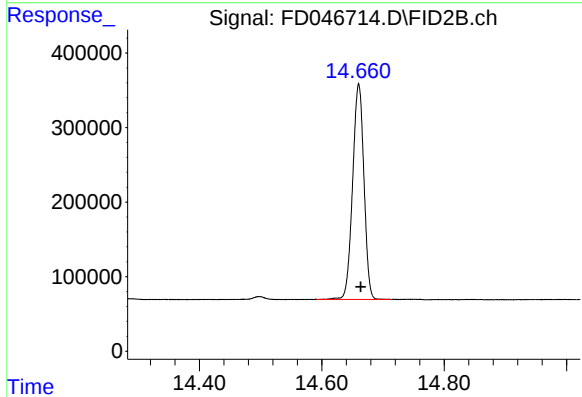
R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 3356500
Conc: 21.30 ug/ml



#13 n-Docosane (C22)

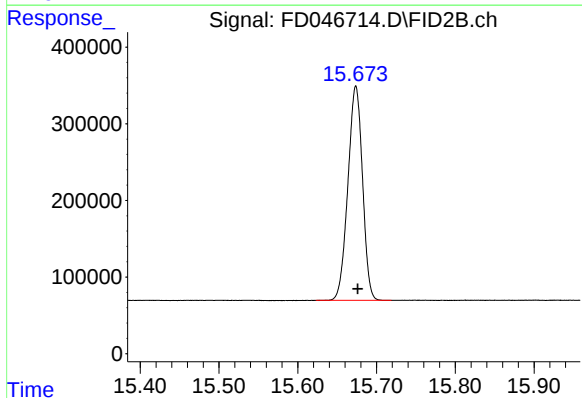
R.T.: 13.566 min
Delta R.T.: -0.003 min
Response: 3687038
Conc: 20.41 ug/ml

Instrument :
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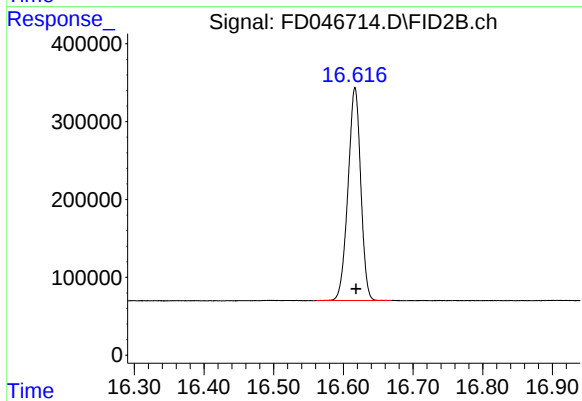
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: -0.003 min
Response: 3713638
Conc: 20.26 ug/ml



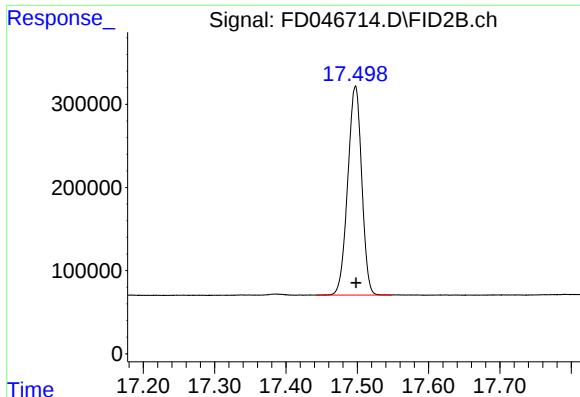
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: -0.002 min
Response: 3606919
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

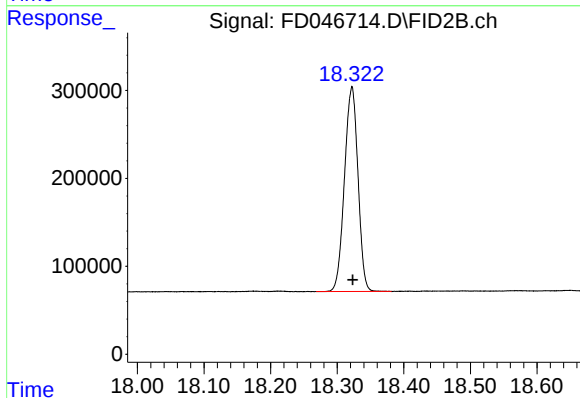
R.T.: 16.617 min
Delta R.T.: -0.002 min
Response: 3478133
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

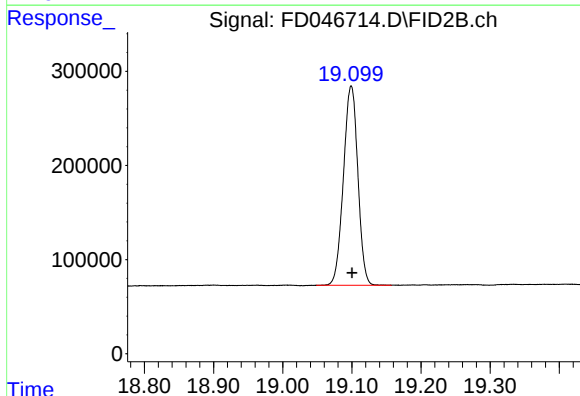
R.T.: 17.497 min
Delta R.T.: -0.001 min
Response: 3419942
Conc: 19.89 ug/ml

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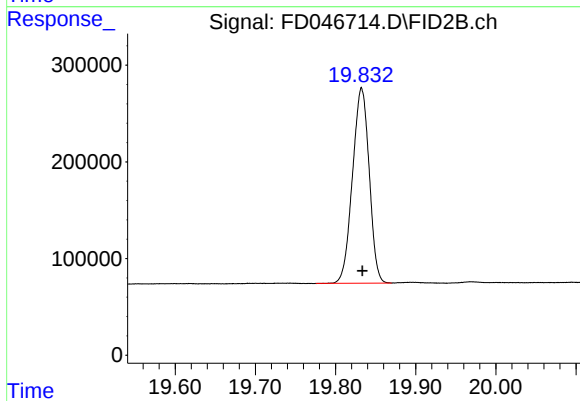
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.000 min
Response: 3281169
Conc: 20.06 ug/ml



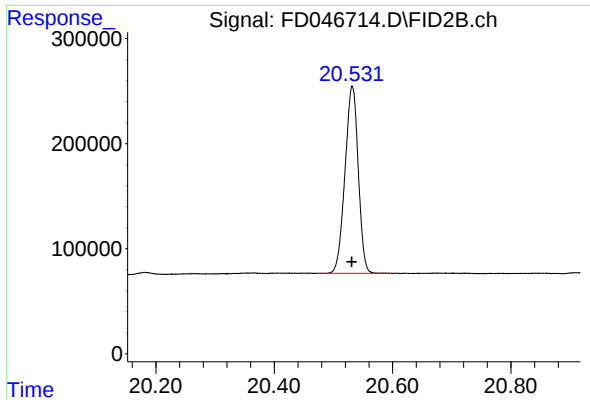
#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: -0.001 min
Response: 3068992
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

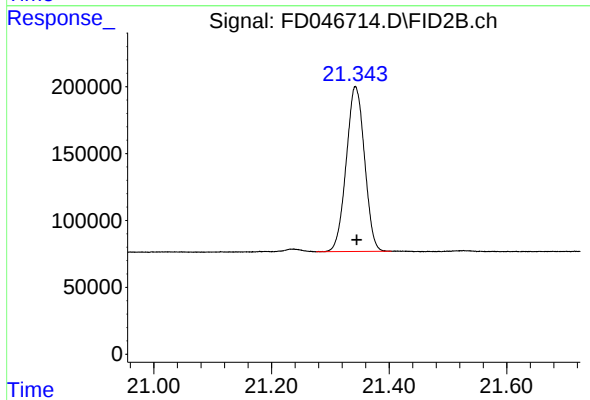
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2921842
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.000 min
Response: 2773305
Conc: 20.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.002 min
Response: 2662891
Conc: 21.07 ug/ml