

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047732.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 13 11:49:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 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)	11.353	4446433	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.793	3327583	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.188	3885577	20.000 ug/ml
2) T n-Decane (C10)	4.240	4003044	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.797	4434100	20.000 ug/ml
4) T n-Dodecane (C12)	6.241	4028753	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.846	4278312	20.000 ug/ml
6) T n-Tetradecane (C14)	8.025	3968163	20.000 ug/ml
7) T n-Hexadecane (C16)	9.617	4097399	20.000 ug/ml
8) T n-Octadecane (C18)	11.052	4133834	20.000 ug/ml
10) T n-Eicosane (C20)	12.355	3977200	20.000 ug/ml
11) T n-Heneicosane (C21)	12.963	3904485	20.000 ug/ml
13) T n-Docosane (C22)	13.546	3869043	20.000 ug/ml
14) T n-Tetracosane (C24)	14.644	3806673	20.000 ug/ml
15) T n-Hexacosane (C26)	15.660	3690851	20.000 ug/ml
16) T n-Octacosane (C28)	16.605	3558835	20.000 ug/ml
17) T n-Tricontane (C30)	17.487	3553196	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.316	3454917	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.096	3286409	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.832	3108965	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.533	3021365	20.000 ug/ml
22) T n-Tetracontane (C40)	21.342	2887726	20.000 ug/ml

(f)=RT Delta > 1/2 Window

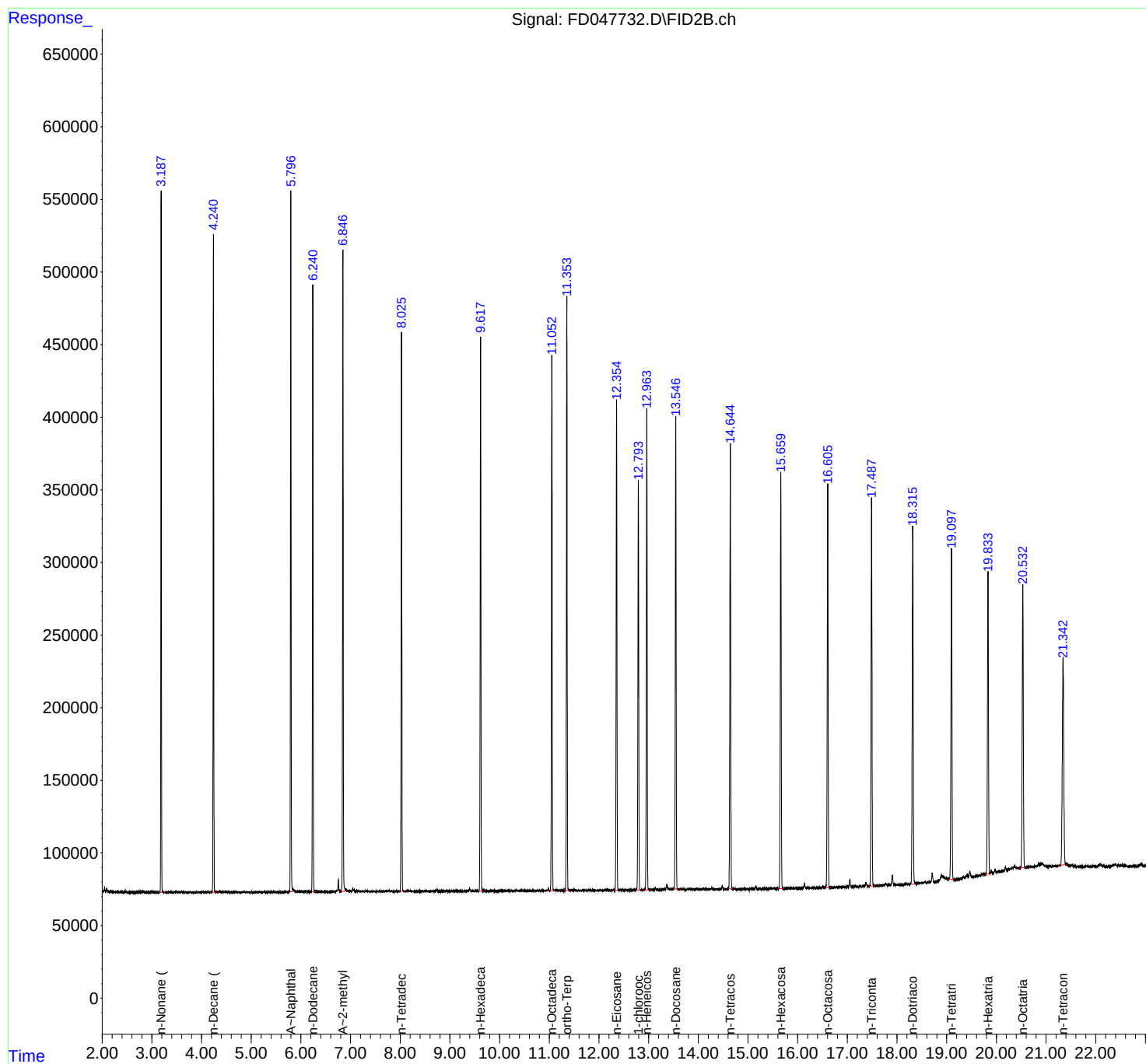
(m)=manual int.

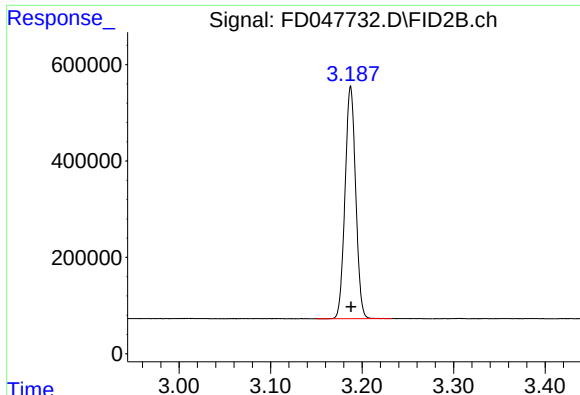
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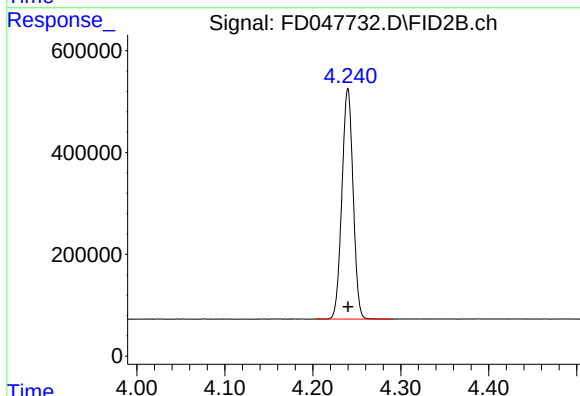




#1 n-Nonane (C9)

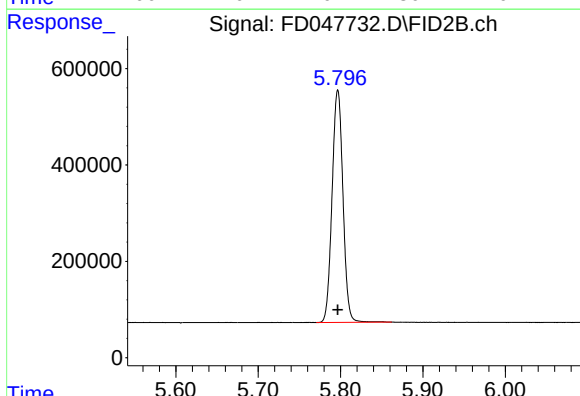
R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 3885577
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



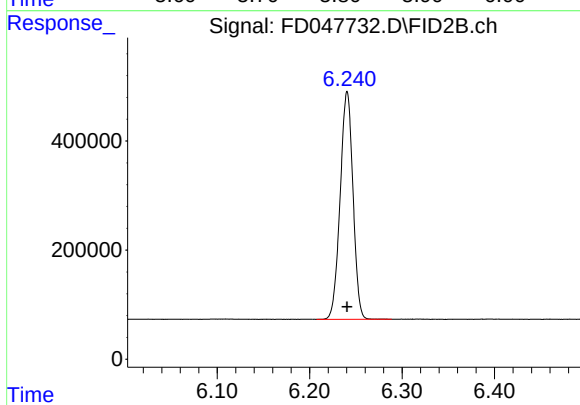
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 4003044
Conc: 20.00 ug/ml



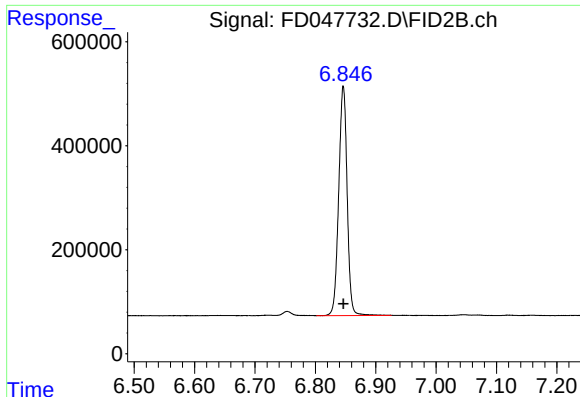
#3 A~Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 4434100
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

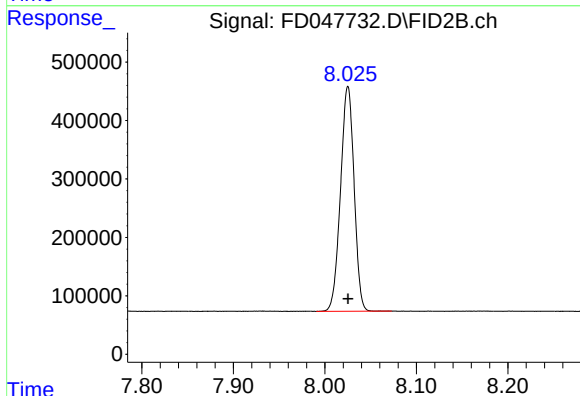
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 4028753
Conc: 20.00 ug/ml



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

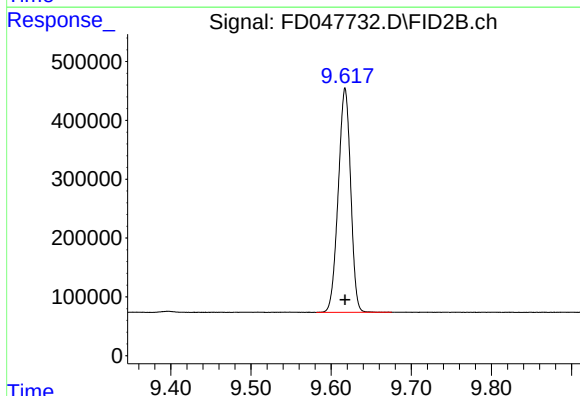
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 4278312
Conc: 20.00 ug/ml

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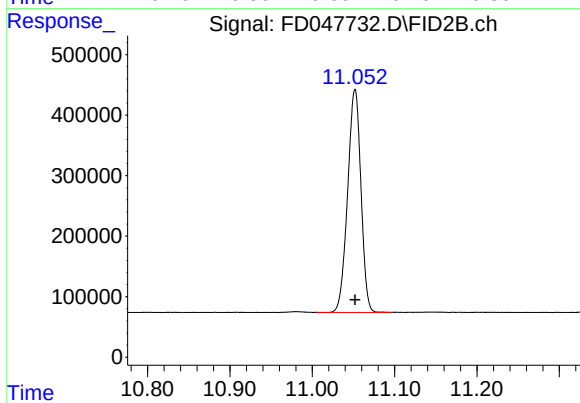
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3968163
Conc: 20.00 ug/ml



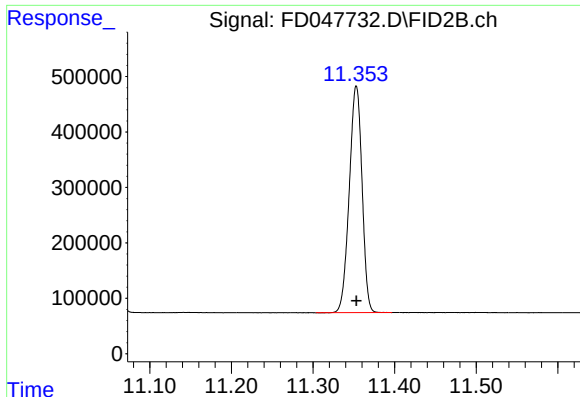
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: 0.000 min
Response: 4097399
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

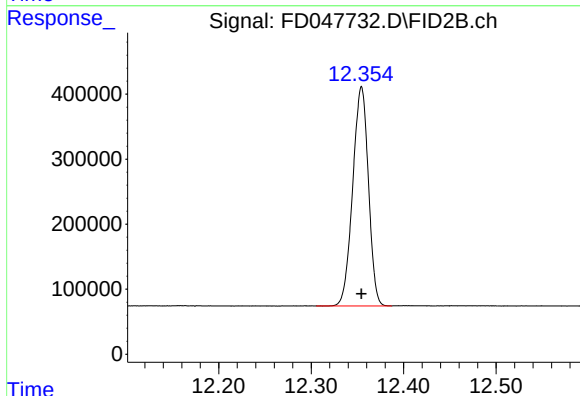
R.T.: 11.052 min
Delta R.T.: 0.000 min
Response: 4133834
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

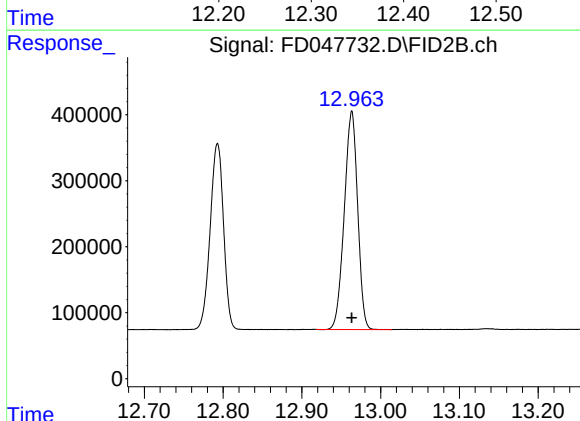
R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 4446433
Conc: 20.00 ug/ml

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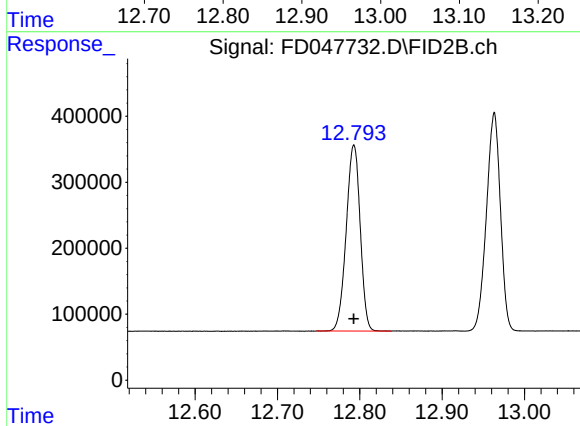
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 3977200
Conc: 20.00 ug/ml



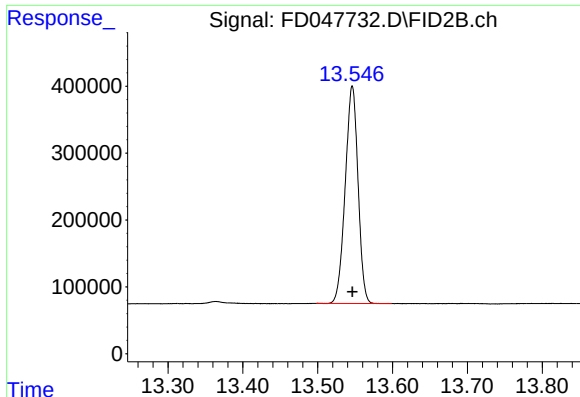
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3904485
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

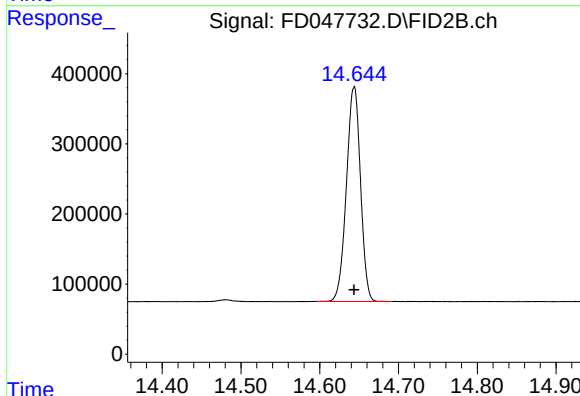
R.T.: 12.793 min
Delta R.T.: 0.000 min
Response: 3327583
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

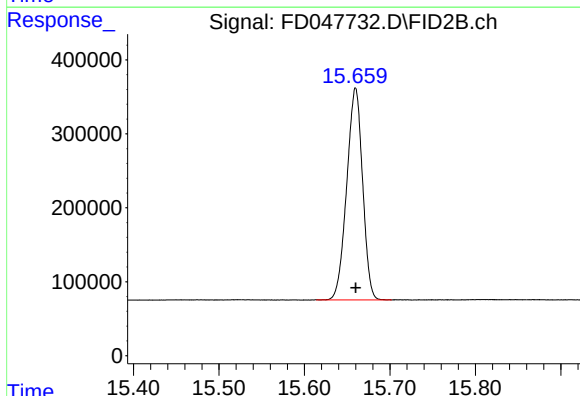
R.T.: 13.546 min
Delta R.T.: 0.000 min
Response: 3869043
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



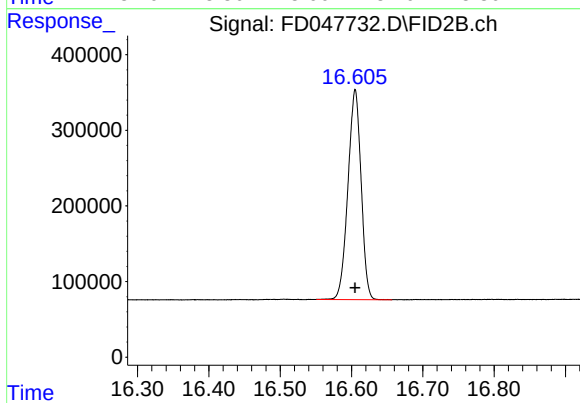
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: 0.000 min
Response: 3806673
Conc: 20.00 ug/ml



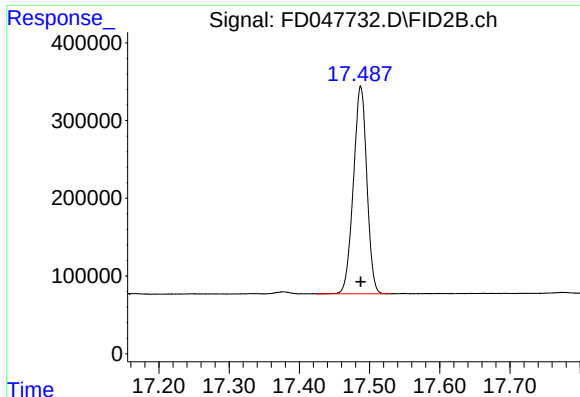
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: 0.000 min
Response: 3690851
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

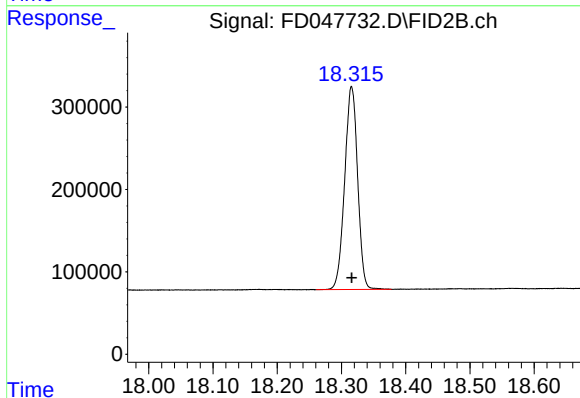
R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 3558835
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

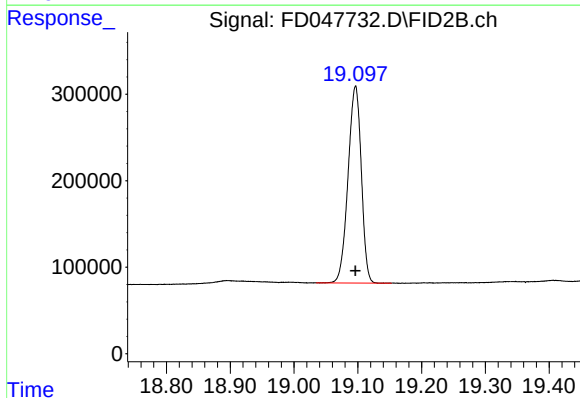
R.T.: 17.487 min
Delta R.T.: 0.000 min
Response: 3553196
Conc: 20.00 ug/ml

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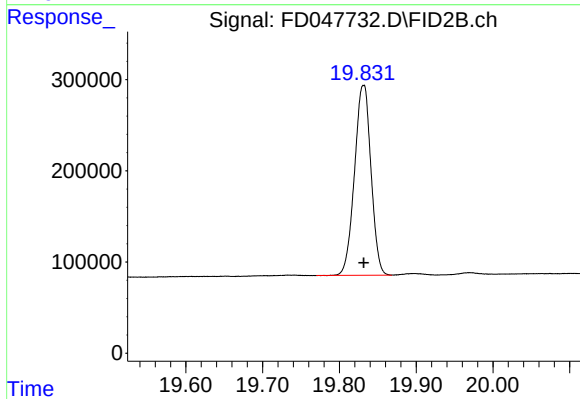
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.000 min
Response: 3454917
Conc: 20.00 ug/ml



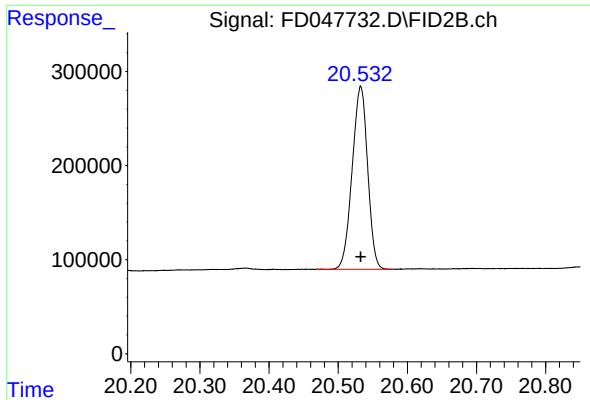
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.000 min
Response: 3286409
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

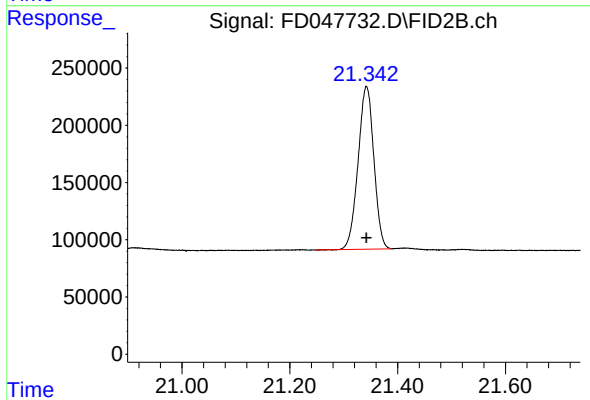
R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 3108965
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: 0.000 min
Response: 3021365
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: 0.000 min
Response: 2887726
Conc: 20.00 ug/ml