

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046502.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 07:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 15 07:41:20 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)	11.382	4360741	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	12.817	3241490	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.218	3393042	20.519 ug/ml
2) T n-Decane (C10)	4.271	3466117	20.562 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3855432	20.642 ug/ml
4) T n-Dodecane (C12)	6.272	3481933	20.499 ug/ml
5) T A~2-methylnaphthalene...	6.879	3727263	20.626 ug/ml
6) T n-Tetradecane (C14)	8.056	3463384	20.467 ug/ml
7) T n-Hexadecane (C16)	9.647	3628247	20.537 ug/ml
8) T n-Octadecane (C18)	11.079	3757670	20.496 ug/ml
10) T n-Eicosane (C20)	12.378	3705160	20.494 ug/ml
11) T n-Heneicosane (C21)	12.986	3692907	20.538 ug/ml
13) T n-Docosane (C22)	13.568	3704095	20.507 ug/ml
14) T n-Tetracosane (C24)	14.663	3747413	20.443 ug/ml
15) T n-Hexacosane (C26)	15.676	3665224	20.485 ug/ml
16) T n-Octacosane (C28)	16.617	3557882	20.613 ug/ml
17) T n-Tricontane (C30)	17.498	3519292	20.469 ug/ml
18) T n-Dotriacontane (C32)	18.322	3354341	20.511 ug/ml
19) T n-Tetratriacontane (C34)	19.101	3130976	20.089 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2889280	20.549 ug/ml
21) T n-Octatriacontane (C38)	20.532	2739026	20.456 ug/ml
22) T n-Tetracontane (C40)	21.342	2553503	20.200 ug/ml

(f)=RT Delta > 1/2 Window

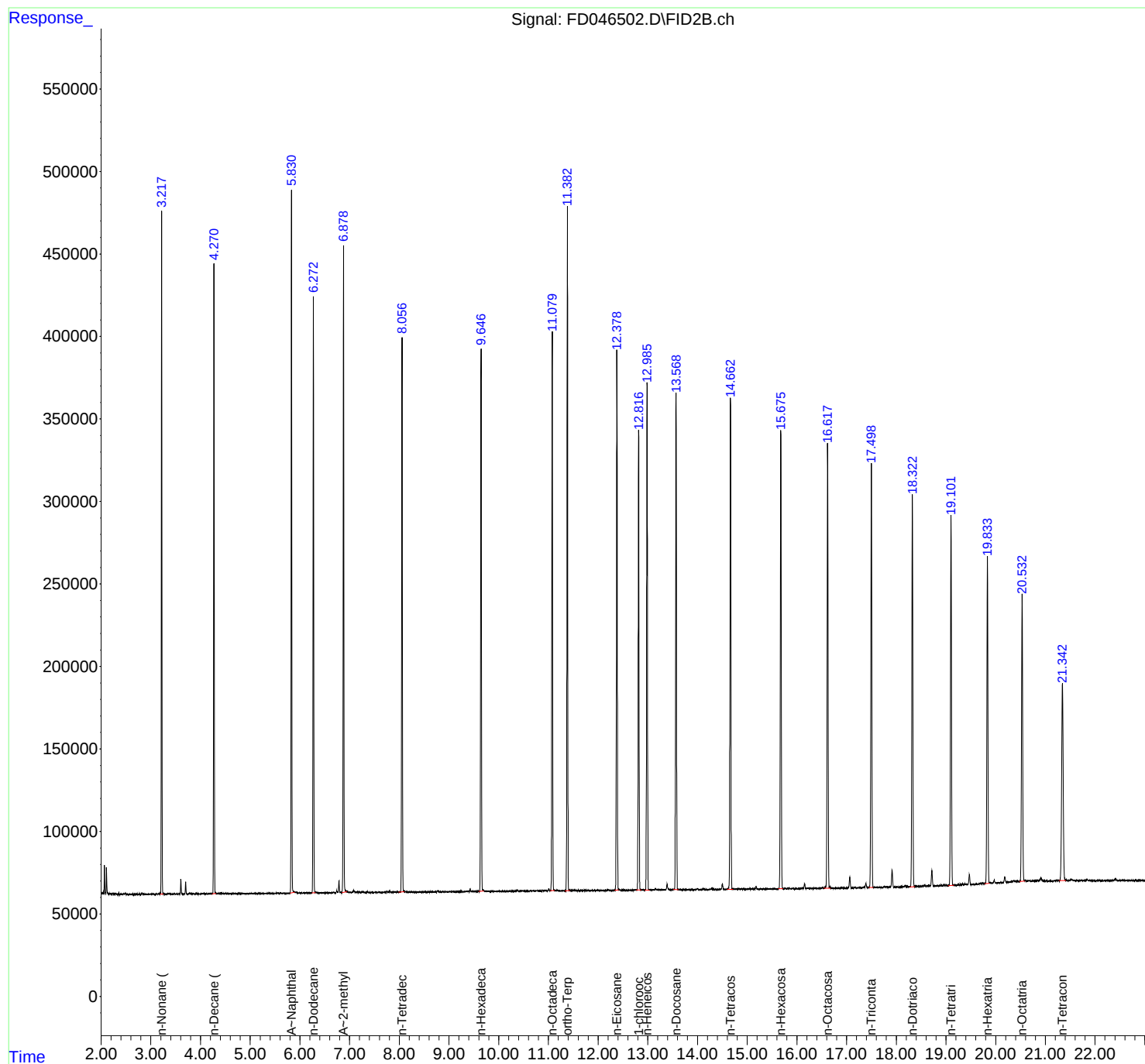
(m)=manual int.

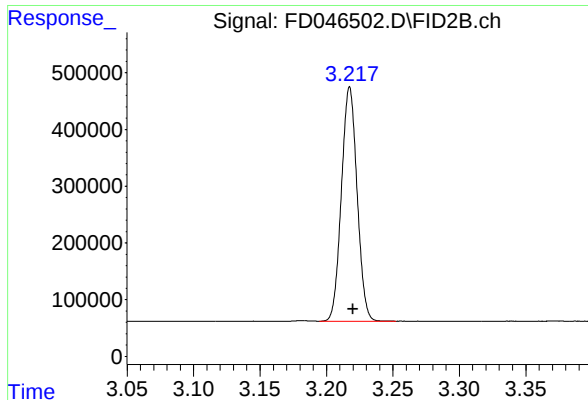
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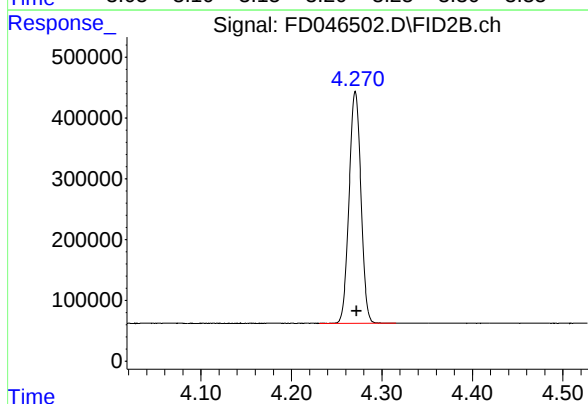




#1 n-Nonane (C9)

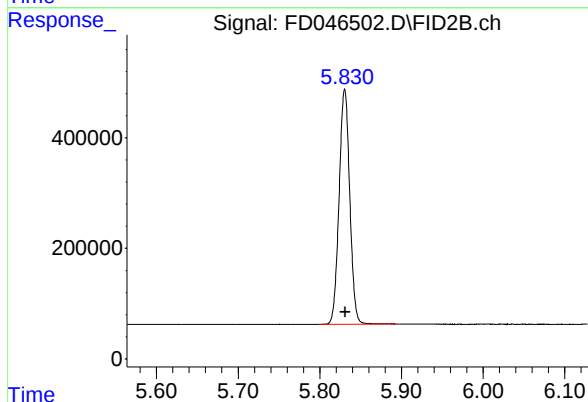
R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 3393042
Conc: 20.52 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



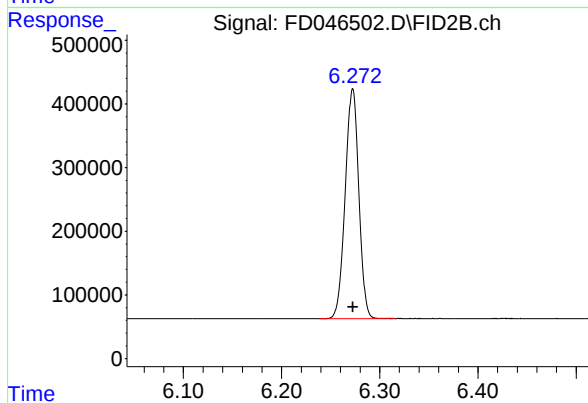
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 3466117
Conc: 20.56 ug/ml



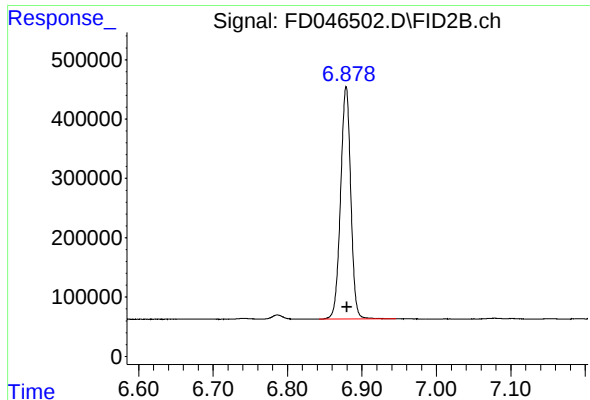
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3855432
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

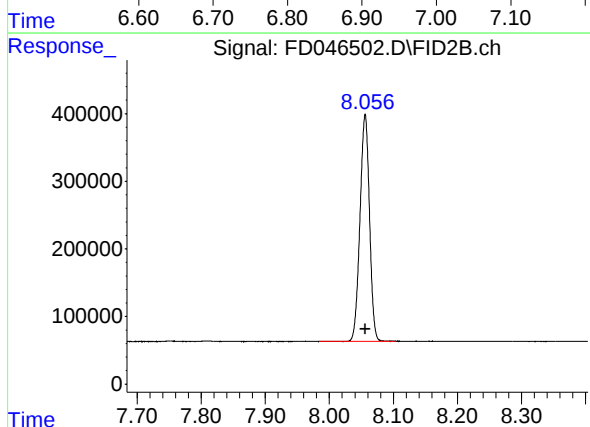
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 3481933
Conc: 20.50 ug/ml



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

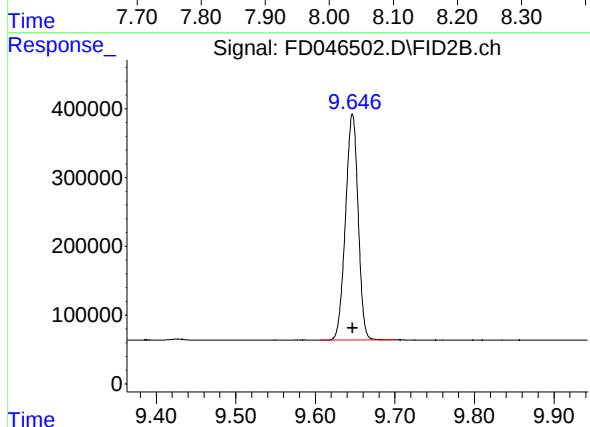
R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 3727263
Conc: 20.63 ug/ml

Instrument :
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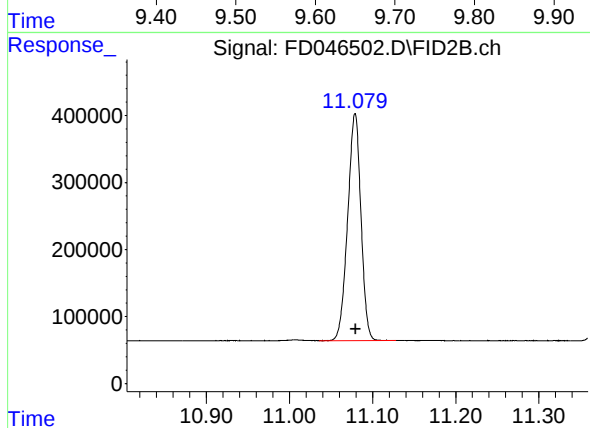
#6 n-Tetradecane (C14)

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 3463384
Conc: 20.47 ug/ml



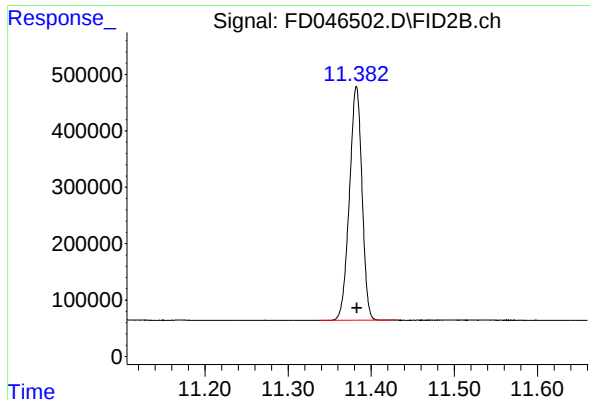
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3628247
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

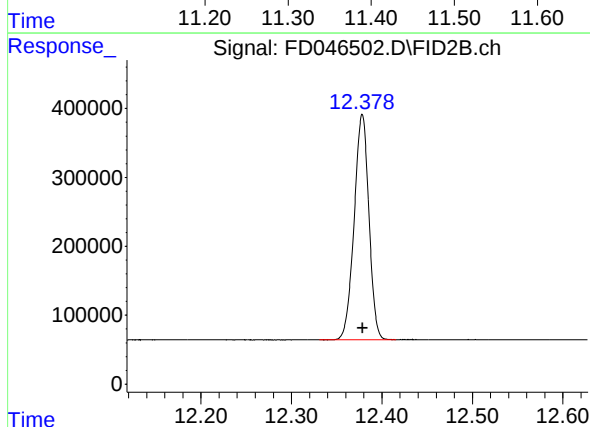
R.T.: 11.079 min
Delta R.T.: 0.000 min
Response: 3757670
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

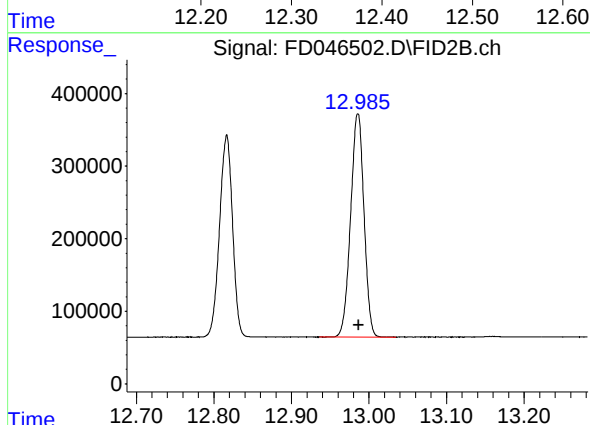
R.T.: 11.382 min
Delta R.T.: 0.000 min
Response: 4360741
Conc: 20.49 ug/ml

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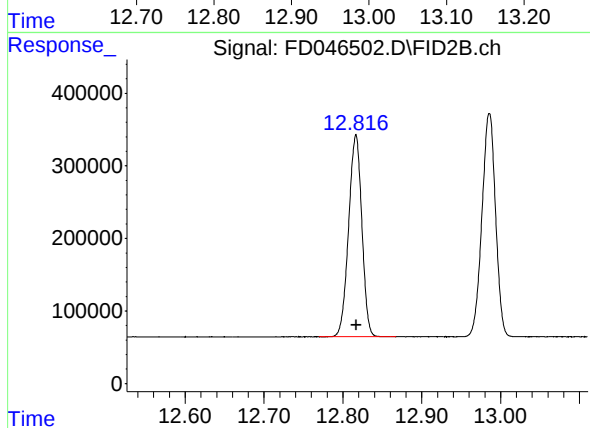
#10 n-Eicosane (C20)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 3705160
Conc: 20.49 ug/ml



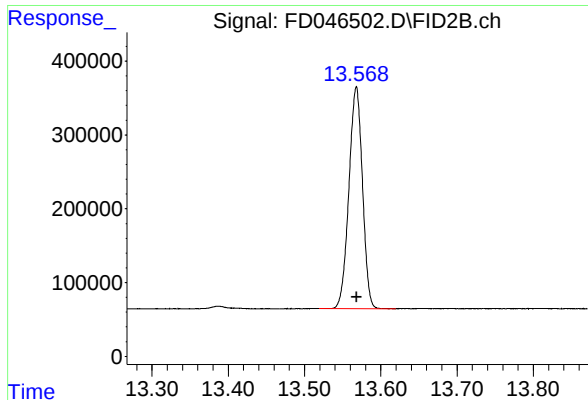
#11 n-Heneicosane (C21)

R.T.: 12.986 min
Delta R.T.: -0.001 min
Response: 3692907
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

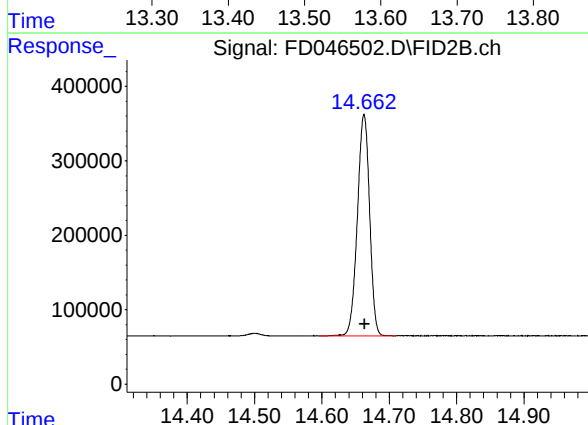
R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3241490
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

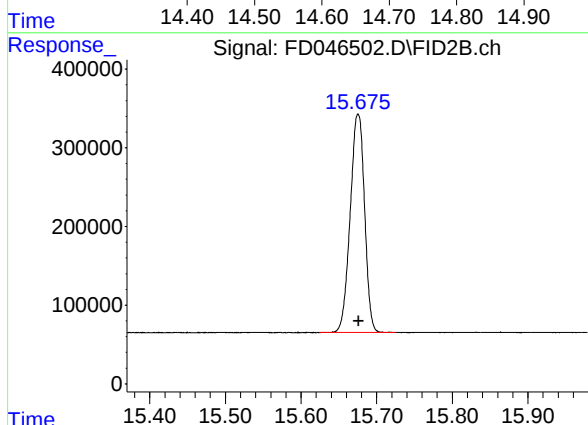
R.T.: 13.568 min
Delta R.T.: 0.000 min
Response: 3704095
Conc: 20.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



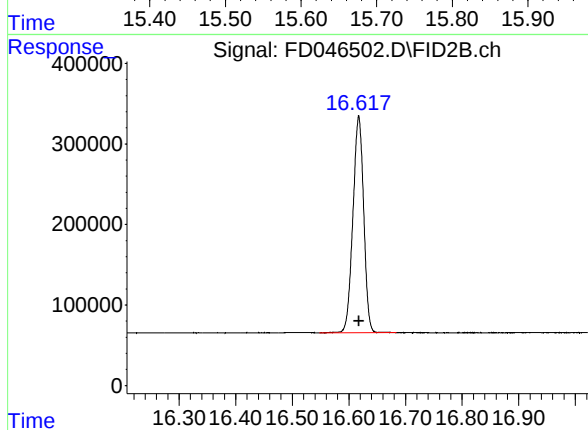
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 3747413
Conc: 20.44 ug/ml



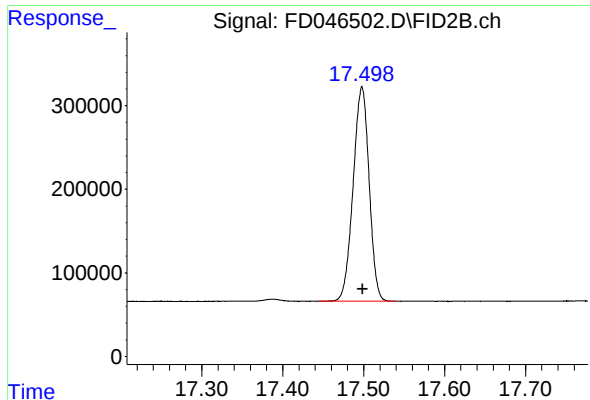
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.000 min
Response: 3665224
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

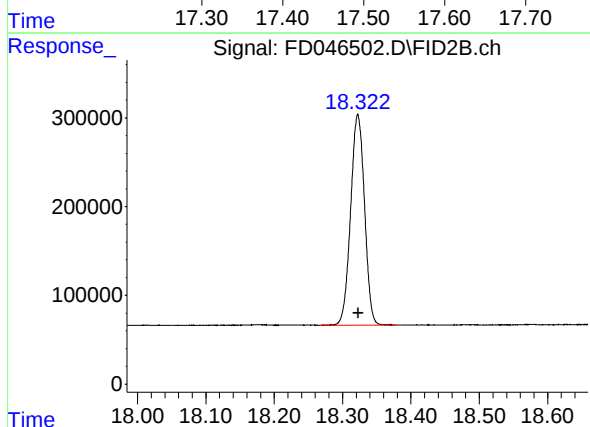
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 3557882
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

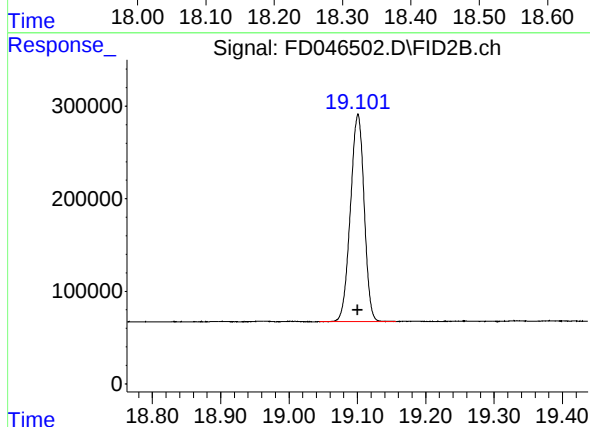
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 3519292
Conc: 20.47 ug/ml

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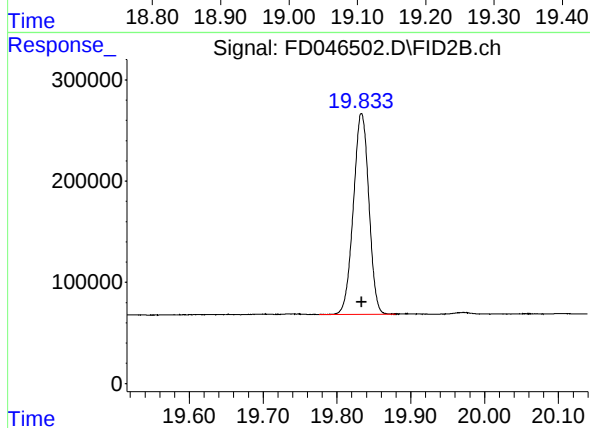
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.000 min
Response: 3354341
Conc: 20.51 ug/ml



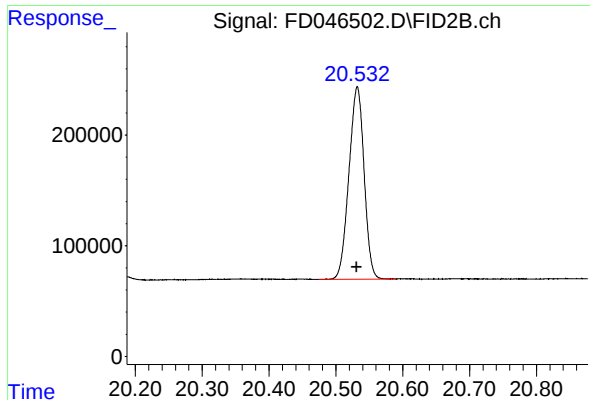
#19 n-Tetatriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.000 min
Response: 3130976
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

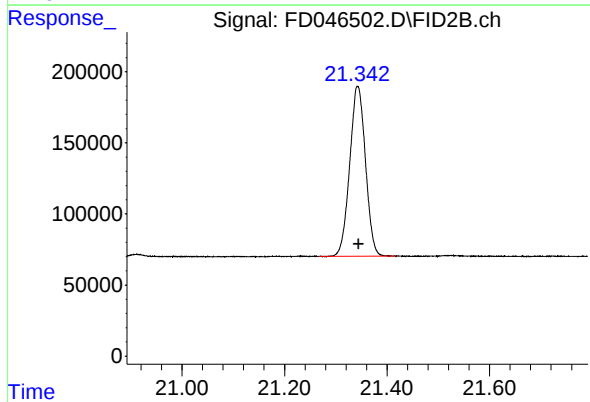
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2889280
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.001 min
Response: 2739026
Conc: 20.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: -0.003 min
Response: 2553503
Conc: 20.20 ug/ml