

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047208.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 22:31
 Operator : YP/AJ
 Sample : P1187-03
 Misc : AL MDL 2.5 PPM
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 05:35:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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			
12) S 1-chlorooctadecane (S...	12.794	5017928	36.255 ug/ml
Spiked Amount 50.000		Recovery =	72.51%
Target Compounds			
1) T n-Nonane (C9)	3.198	264908	1.693 ug/ml
2) T n-Decane (C10)	4.249	336637	2.106 ug/ml
4) T n-Dodecane (C12)	6.248	534788	3.297 ug/ml
6) T n-Tetradecane (C14)	8.031	429024	2.652 ug/ml
7) T n-Hexadecane (C16)	9.620	415789	2.482 ug/ml
8) T n-Octadecane (C18)	11.053	442060	2.597 ug/ml
10) T n-Eicosane (C20)	12.352	472929	2.873 ug/ml
11) T n-Heneicosane (C21)	12.960	459253	2.831 ug/ml
13) T n-Docosane (C22)	13.541	465690	2.893 ug/ml
14) T n-Tetracosane (C24)	14.636	468545	2.942 ug/ml
15) T n-Hexacosane (C26)	15.649	448414	2.888 ug/ml
16) T n-Octacosane (C28)	16.591	449340	3.002 ug/ml
17) T n-Tricontane (C30)	17.472	452642	3.058 ug/ml
18) T n-Dotriacontane (C32)	18.295	440049	3.121 ug/ml
19) T n-Tetratriacontane (C34)	19.073	415943	3.142 ug/ml
20) T n-Hexatriacontane (C36)	19.806	400233	3.217 ug/ml
21) T n-Octatriacontane (C38)	20.503	430443	3.598 ug/ml
22) T n-Tetracontane (C40)	21.308	461722	3.990 ug/ml

(f)=RT Delta > 1/2 Window

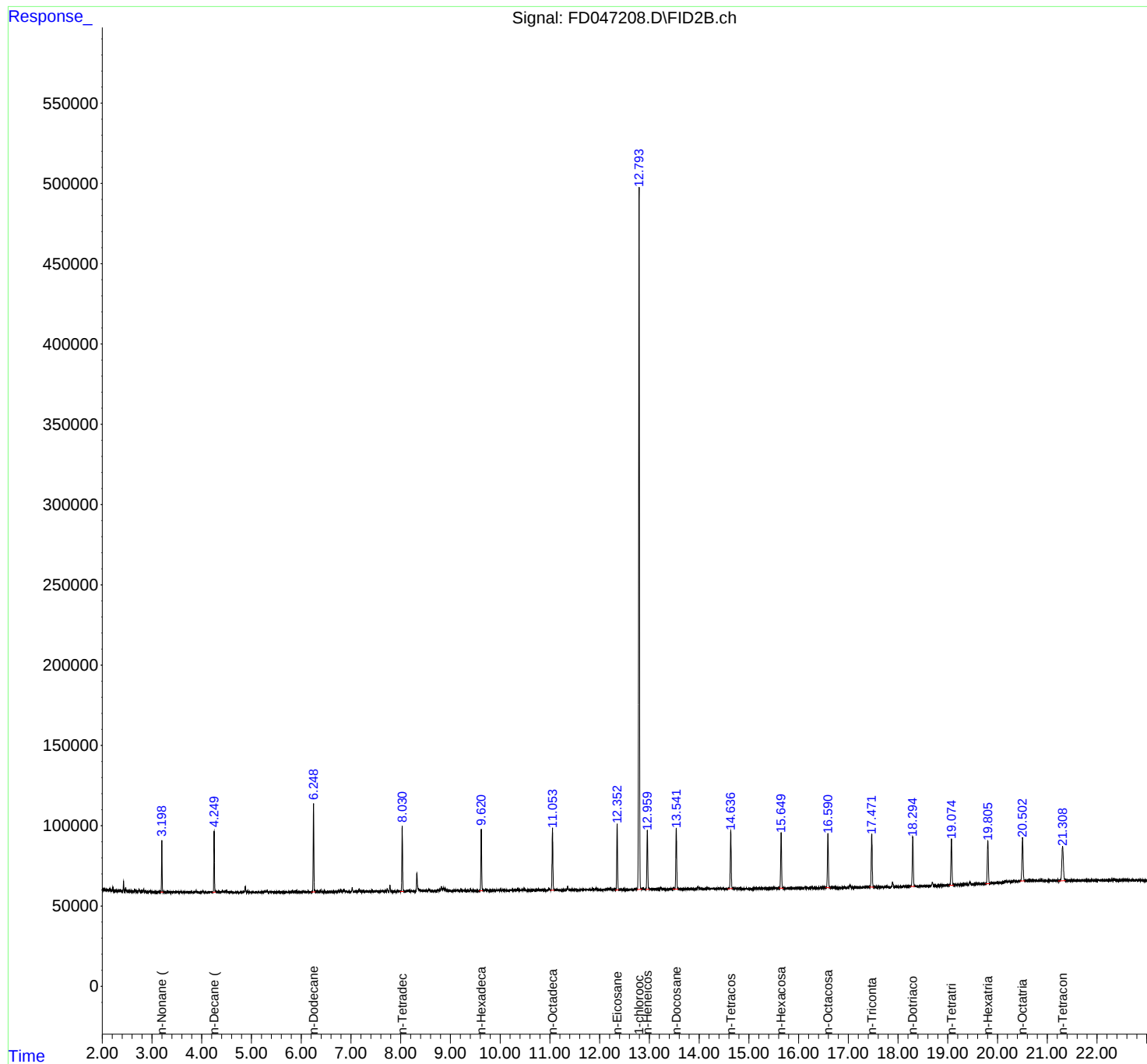
(m)=manual int.

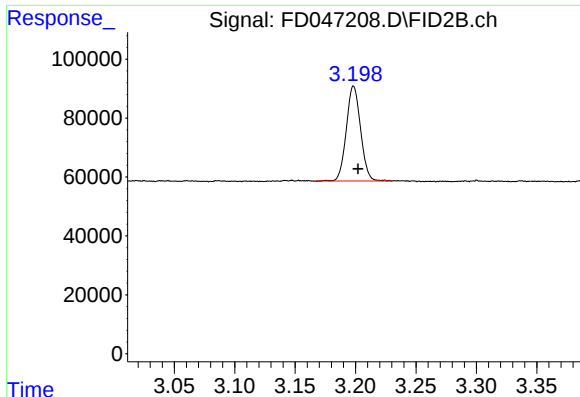
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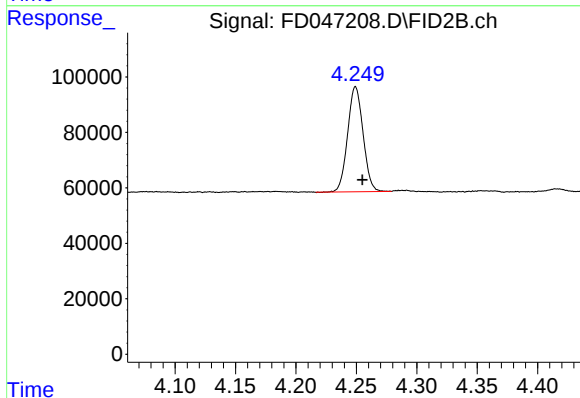




#1 n-Nonane (C9)

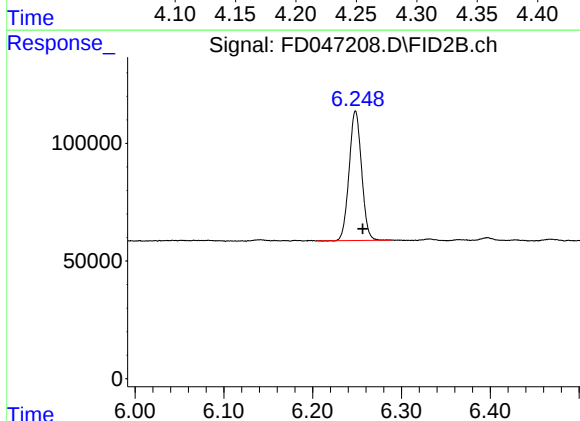
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 264908
Conc: 1.69 ug/ml

Instrument :
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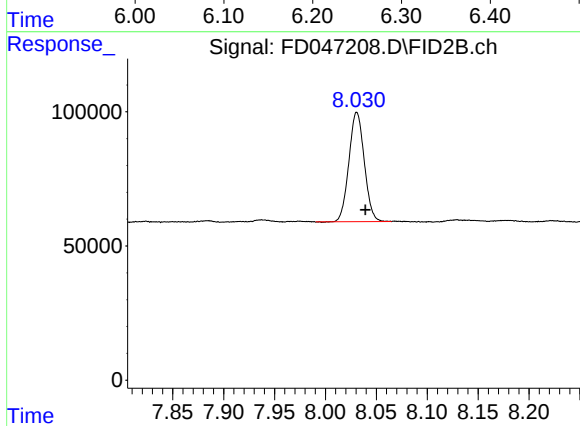
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 336637
Conc: 2.11 ug/ml



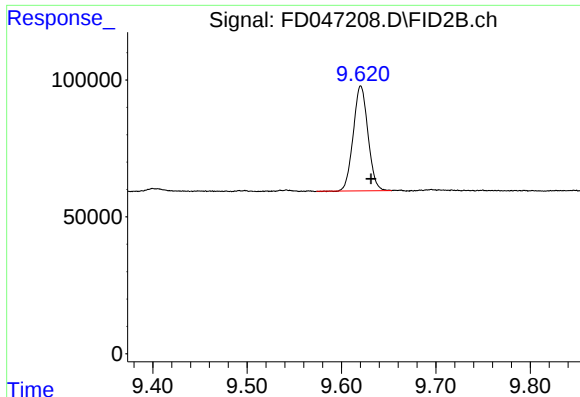
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 534788
Conc: 3.30 ug/ml



#6 n-Tetradecane (C14)

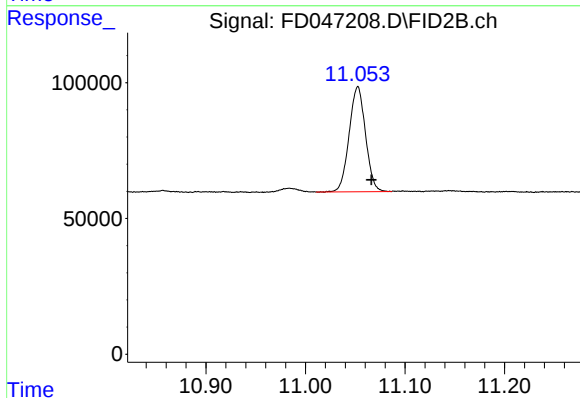
R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 429024
Conc: 2.65 ug/ml



#7 n-Hexadecane (C16)

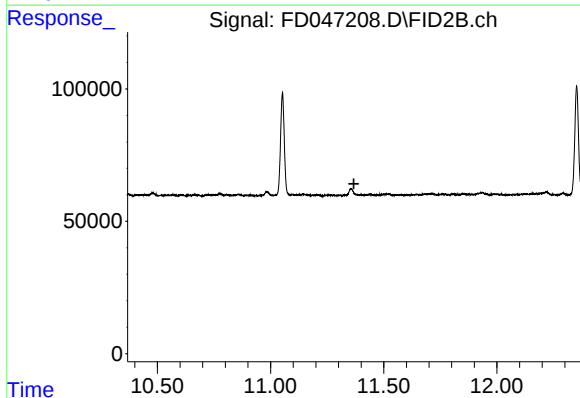
R.T.: 9.620 min
Delta R.T.: -0.011 min
Response: 415789
Conc: 2.48 ug/ml

Instrument :
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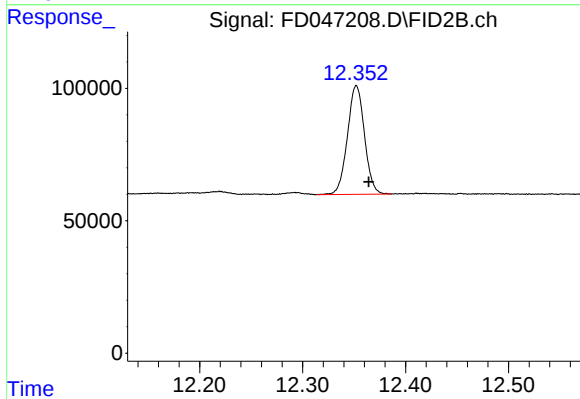
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.014 min
Response: 442060
Conc: 2.60 ug/ml



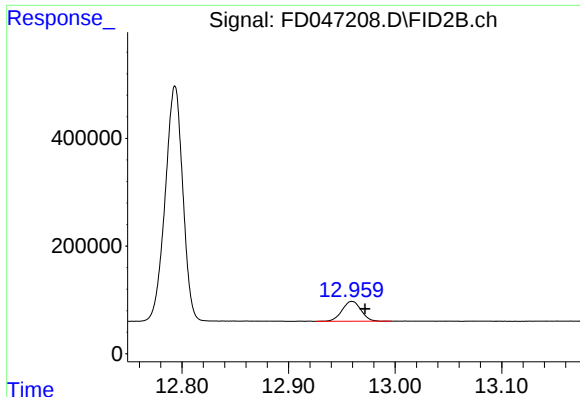
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.368 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

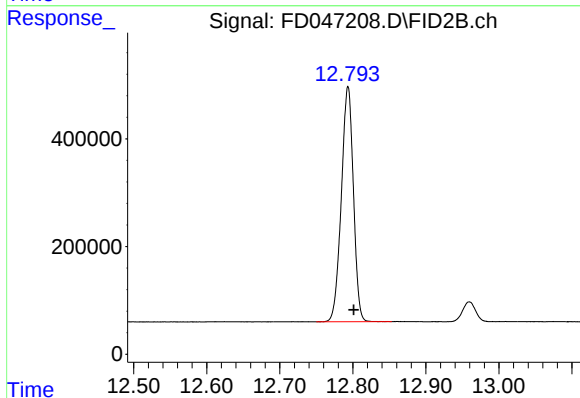
R.T.: 12.352 min
Delta R.T.: -0.012 min
Response: 472929
Conc: 2.87 ug/ml



#11 n-Heneicosane (C21)

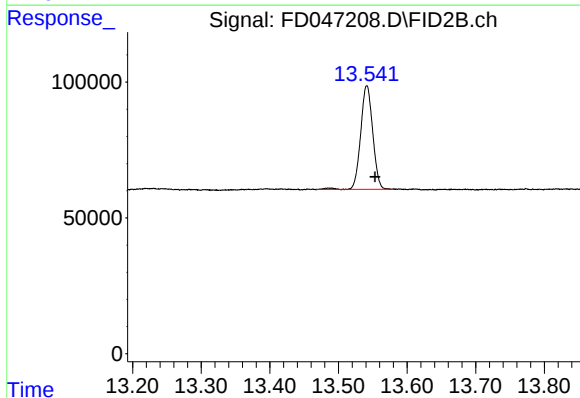
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 459253
Conc: 2.83 ug/ml

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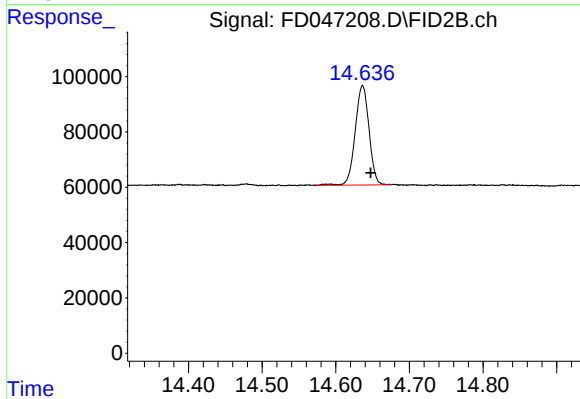
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.008 min
Response: 5017928
Conc: 36.26 ug/ml



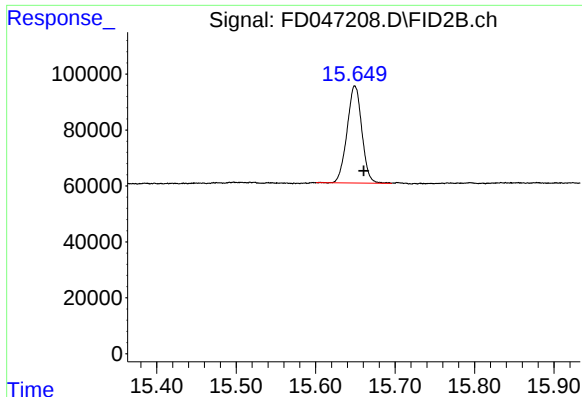
#13 n-Docosane (C22)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 465690
Conc: 2.89 ug/ml



#14 n-Tetracosane (C24)

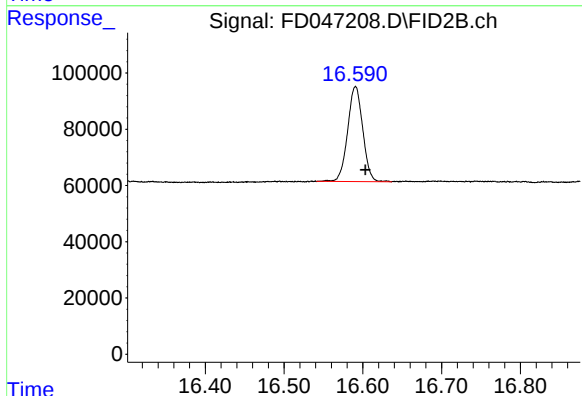
R.T.: 14.636 min
Delta R.T.: -0.011 min
Response: 468545
Conc: 2.94 ug/ml



#15 n-Hexacosane (C26)

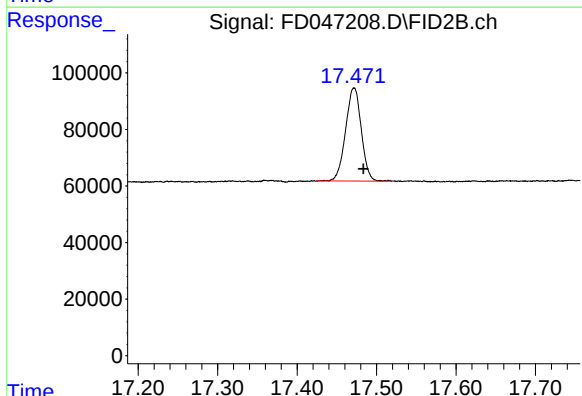
R.T.: 15.649 min
Delta R.T.: -0.011 min
Response: 448414
Conc: 2.89 ug/ml

Instrument :
FID_D
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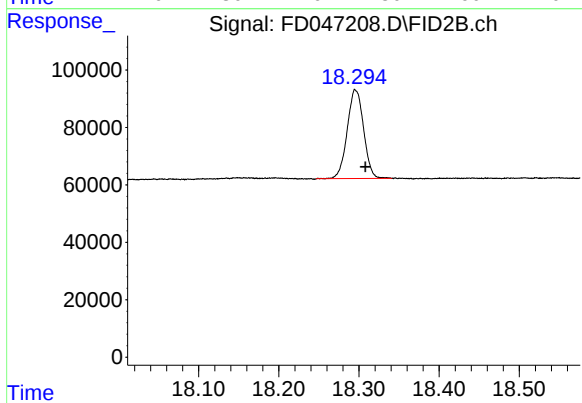
#16 n-Octacosane (C28)

R.T.: 16.591 min
Delta R.T.: -0.012 min
Response: 449340
Conc: 3.00 ug/ml



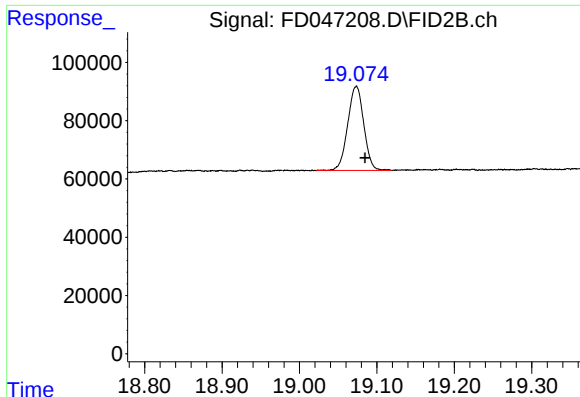
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.012 min
Response: 452642
Conc: 3.06 ug/ml



#18 n-Dotriacontane (C32)

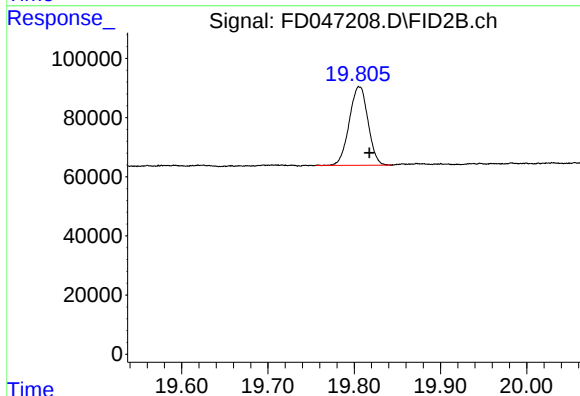
R.T.: 18.295 min
Delta R.T.: -0.013 min
Response: 440049
Conc: 3.12 ug/ml



#19 n-Tetratriacontane (C34)

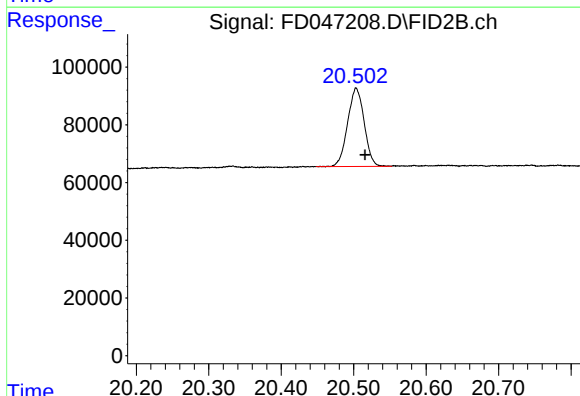
R.T.: 19.073 min
Delta R.T.: -0.012 min
Response: 415943
Conc: 3.14 ug/ml

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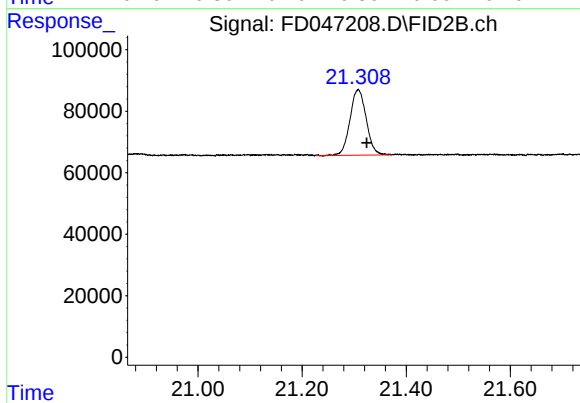
#20 n-Hexatriacontane (C36)

R.T.: 19.806 min
Delta R.T.: -0.012 min
Response: 400233
Conc: 3.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.503 min
Delta R.T.: -0.012 min
Response: 430443
Conc: 3.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.308 min
Delta R.T.: -0.016 min
Response: 461722
Conc: 3.99 ug/ml