

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047216.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 03:23
 Operator : YP/AJ
 Sample : P1187-02
 Misc : AL LOQ 5 PPM
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 05:37:01 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	5329033	38.503 ug/ml
Spiked Amount 50.000		Recovery =	77.01%
Target Compounds			
1) T n-Nonane (C9)	3.198	517499	3.308 ug/ml
2) T n-Decane (C10)	4.249	668097	4.180 ug/ml
4) T n-Dodecane (C12)	6.248	940345	5.798 ug/ml
6) T n-Tetradecane (C14)	8.031	834827	5.160 ug/ml
7) T n-Hexadecane (C16)	9.621	841948	5.025 ug/ml
8) T n-Octadecane (C18)	11.052	918028	5.394 ug/ml
10) T n-Eicosane (C20)	12.352	969731	5.892 ug/ml
11) T n-Heneicosane (C21)	12.960	941263	5.803 ug/ml
13) T n-Docosane (C22)	13.542	949584	5.899 ug/ml
14) T n-Tetracosane (C24)	14.637	943491	5.924 ug/ml
15) T n-Hexacosane (C26)	15.649	927995	5.976 ug/ml
16) T n-Octacosane (C28)	16.592	912731	6.098 ug/ml
17) T n-Tricontane (C30)	17.473	917522	6.200 ug/ml
18) T n-Dotriacontane (C32)	18.298	891742	6.324 ug/ml
19) T n-Tetratriacontane (C34)	19.073	830930	6.278 ug/ml
20) T n-Hexatriacontane (C36)	19.808	743446	5.976 ug/ml
21) T n-Octatriacontane (C38)	20.504	669259	5.594 ug/ml
22) T n-Tetracontane (C40)	21.309	574422	4.964 ug/ml

(f)=RT Delta > 1/2 Window

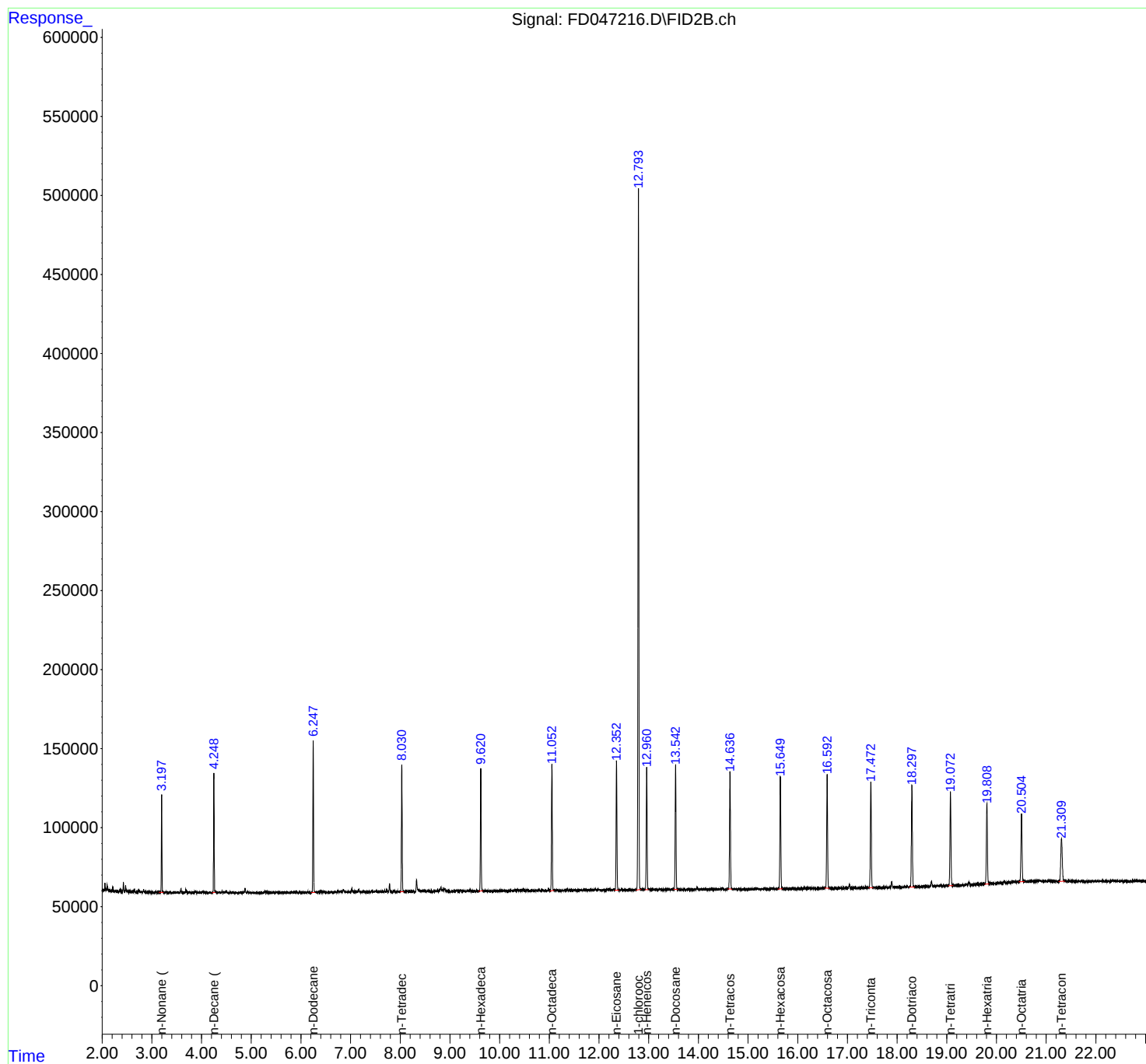
(m)=manual int.

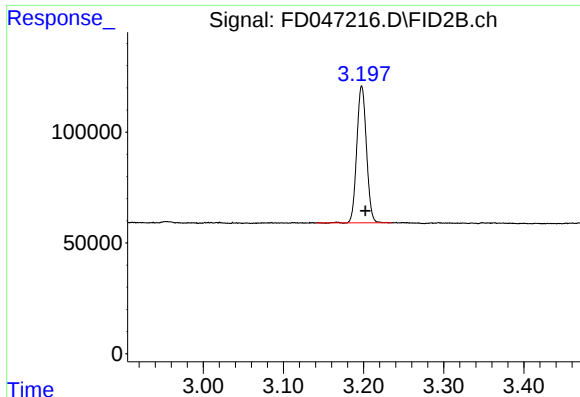
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
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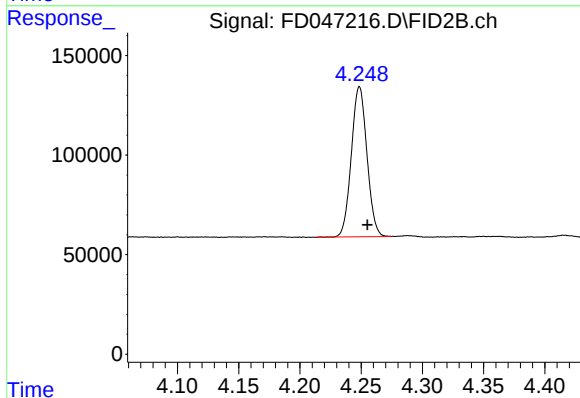




#1 n-Nonane (C9)

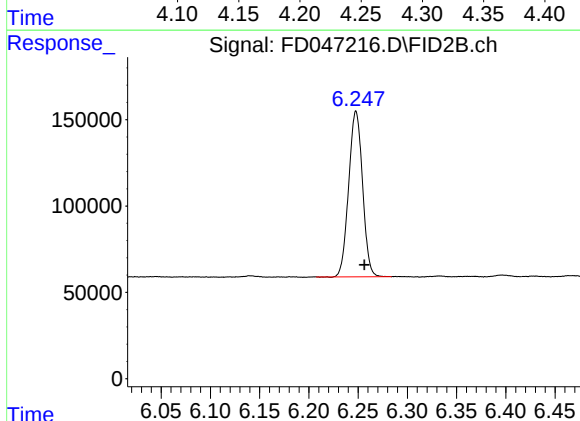
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 517499
Conc: 3.31 ug/ml

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LOQ-SOIL-02-QT1-2024



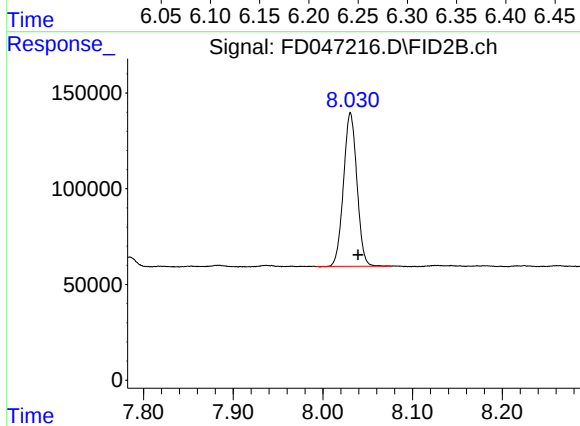
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 668097
Conc: 4.18 ug/ml



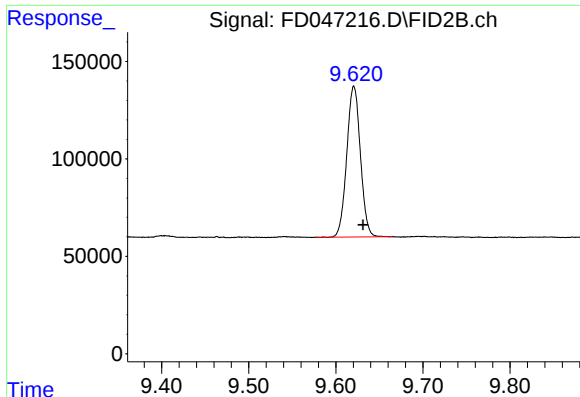
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 940345
Conc: 5.80 ug/ml



#6 n-Tetradecane (C14)

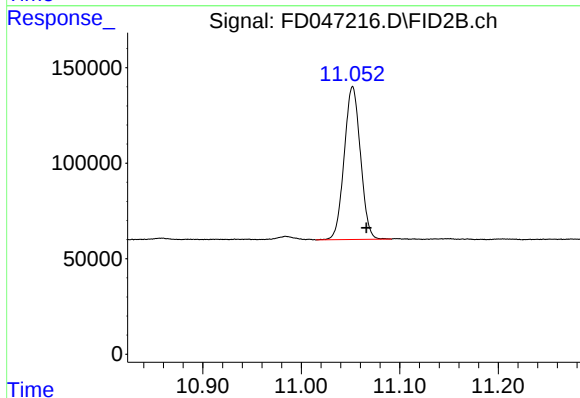
R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 834827
Conc: 5.16 ug/ml



#7 n-Hexadecane (C16)

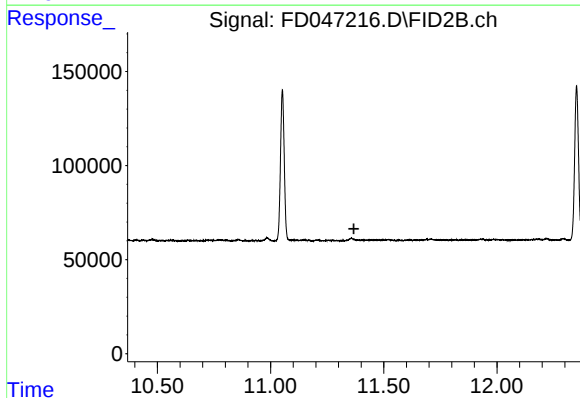
R.T.: 9.621 min
Delta R.T.: -0.011 min
Response: 841948
Conc: 5.03 ug/ml

Instrument :
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LOQ-SOIL-02-QT1-2024



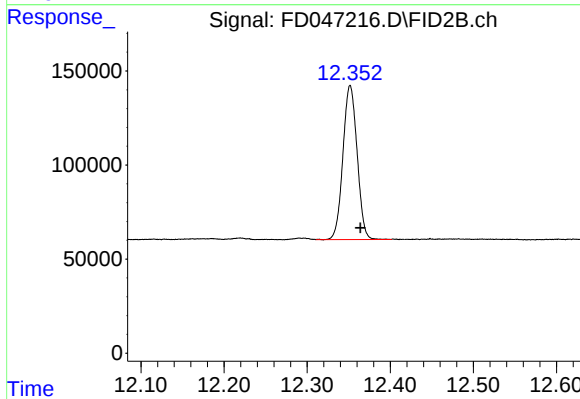
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.014 min
Response: 918028
Conc: 5.39 ug/ml



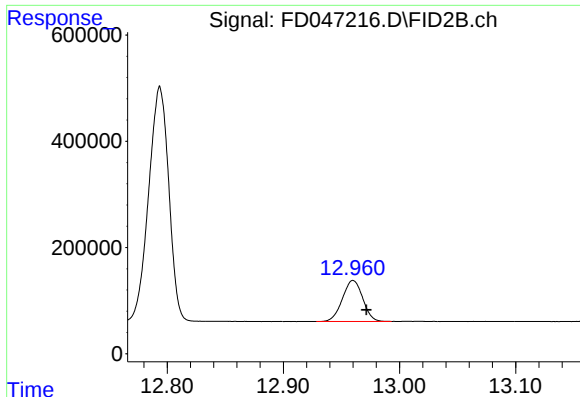
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

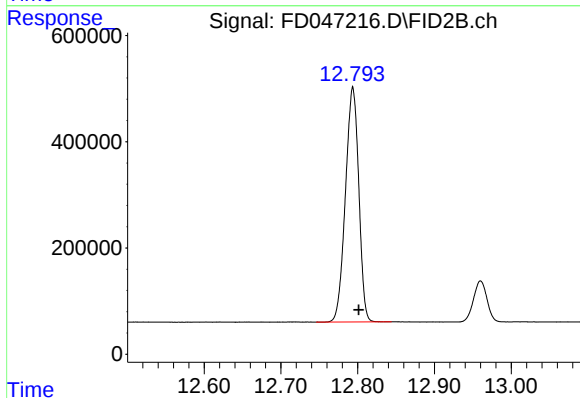
R.T.: 12.352 min
Delta R.T.: -0.012 min
Response: 969731
Conc: 5.89 ug/ml



#11 n-Heneicosane (C21)

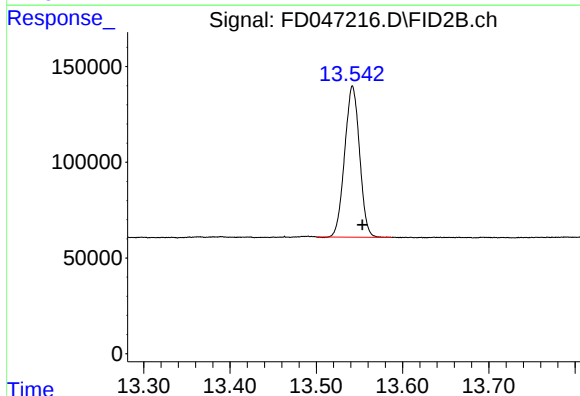
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 941263
Conc: 5.80 ug/ml

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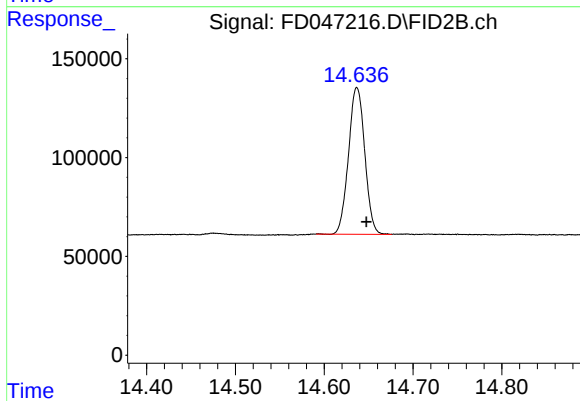
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.008 min
Response: 5329033
Conc: 38.50 ug/ml



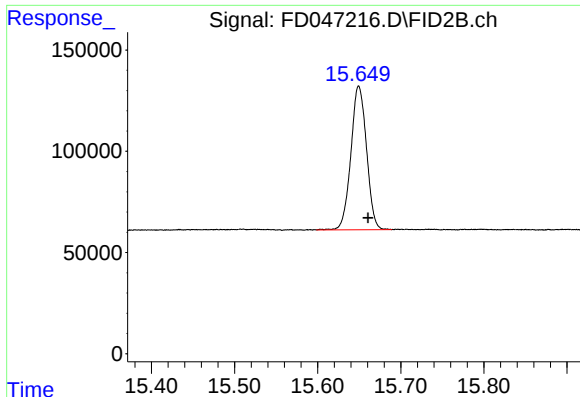
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 949584
Conc: 5.90 ug/ml



#14 n-Tetracosane (C24)

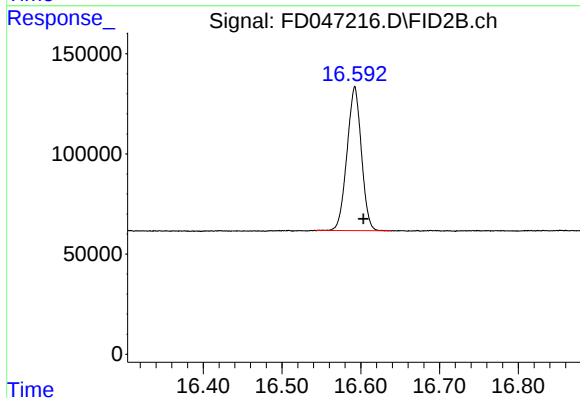
R.T.: 14.637 min
Delta R.T.: -0.011 min
Response: 943491
Conc: 5.92 ug/ml



#15 n-Hexacosane (C26)

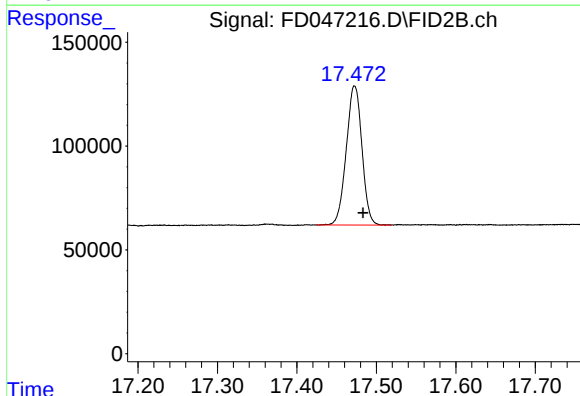
R.T.: 15.649 min
Delta R.T.: -0.011 min
Response: 927995
Conc: 5.98 ug/ml

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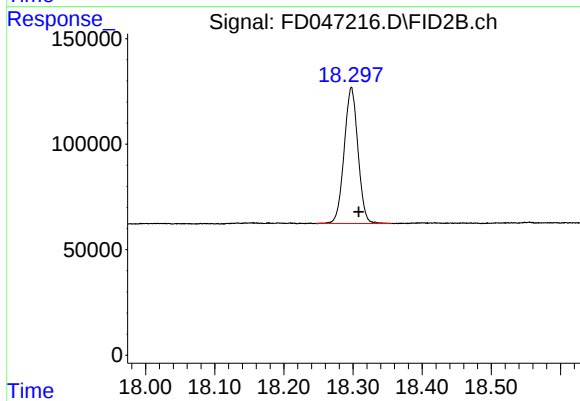
#16 n-Octacosane (C28)

R.T.: 16.592 min
Delta R.T.: -0.011 min
Response: 912731
Conc: 6.10 ug/ml



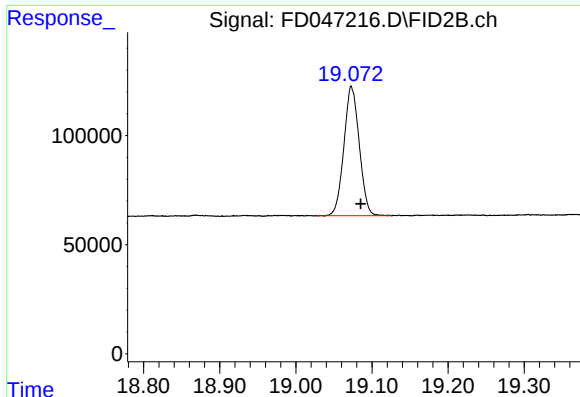
#17 n-Tricontane (C30)

R.T.: 17.473 min
Delta R.T.: -0.011 min
Response: 917522
Conc: 6.20 ug/ml



#18 n-Dotriacontane (C32)

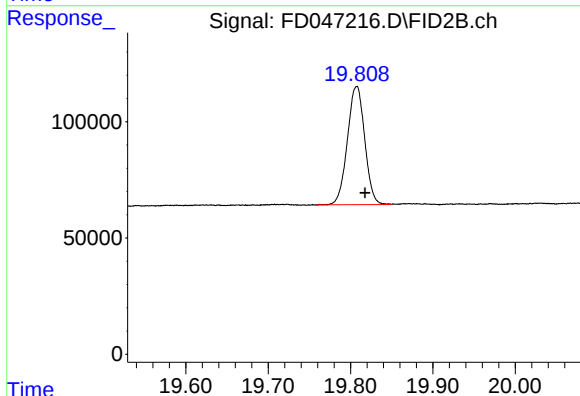
R.T.: 18.298 min
Delta R.T.: -0.011 min
Response: 891742
Conc: 6.32 ug/ml



#19 n-Tetratriacontane (C34)

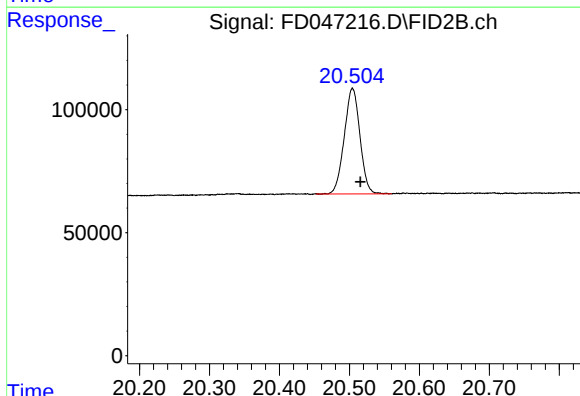
R.T.: 19.073 min
Delta R.T.: -0.012 min
Response: 830930
Conc: 6.28 ug/ml

Instrument :
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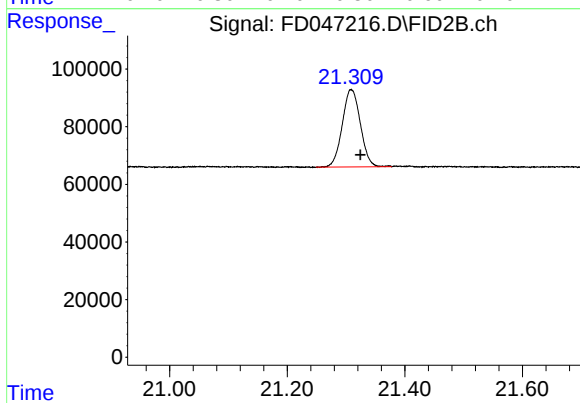
#20 n-Hexatriacontane (C36)

R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 743446
Conc: 5.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: -0.011 min
Response: 669259
Conc: 5.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.016 min
Response: 574422
Conc: 4.96 ug/ml