

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035949.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 11:48
 Operator : YP\AJ
 Sample : N1645-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Integration File: sample.E
 Quant Time: Jun 08 03:34:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.379	3714912	35.514 ug/ml
Spiked Amount 50.000		Recovery =	71.03%
Target Compounds			
1) T n-Nonane (C9)	2.801	375197	3.142 ug/ml
2) T n-Decane (C10)	3.814	479196	4.049 ug/ml
4) T n-Dodecane (C12)	5.803	742598	6.198 ug/ml
6) T n-Tetradecane (C14)	7.591	576637	4.838 ug/ml
7) T n-Hexadecane (C16)	9.188	560458	4.700 ug/ml
8) T n-Octadecane (C18)	10.626	601404	5.017 ug/ml
10) T n-Eicosane (C20)	11.932	631804	5.296 ug/ml
11) T n-Heneicosane (C21)	12.542	639749	5.328 ug/ml
13) T n-Docosane (C22)	13.128	647291	5.375 ug/ml
14) T n-Tetracosane (C24)	14.228	757427	6.260 ug/ml
15) T n-Hexacosane (C26)	15.246	653561	5.401 ug/ml
16) T n-Octacosane (C28)	16.193	653445	5.392 ug/ml
17) T n-Tricontane (C30)	17.078	654797	5.446 ug/ml
18) T n-Dotriacontane (C32)	17.909	641641	5.583 ug/ml
19) T n-Tetratriacontane (C34)	18.691	588760	5.443 ug/ml
20) T n-Hexatriacontane (C36)	19.429	505269	5.016 ug/ml
21) T n-Octatriacontane (C38)	20.163	474957	4.985 ug/ml
22) T n-Tetracontane (C40)	21.072	482682	5.169 ug/ml

(f)=RT Delta > 1/2 Window

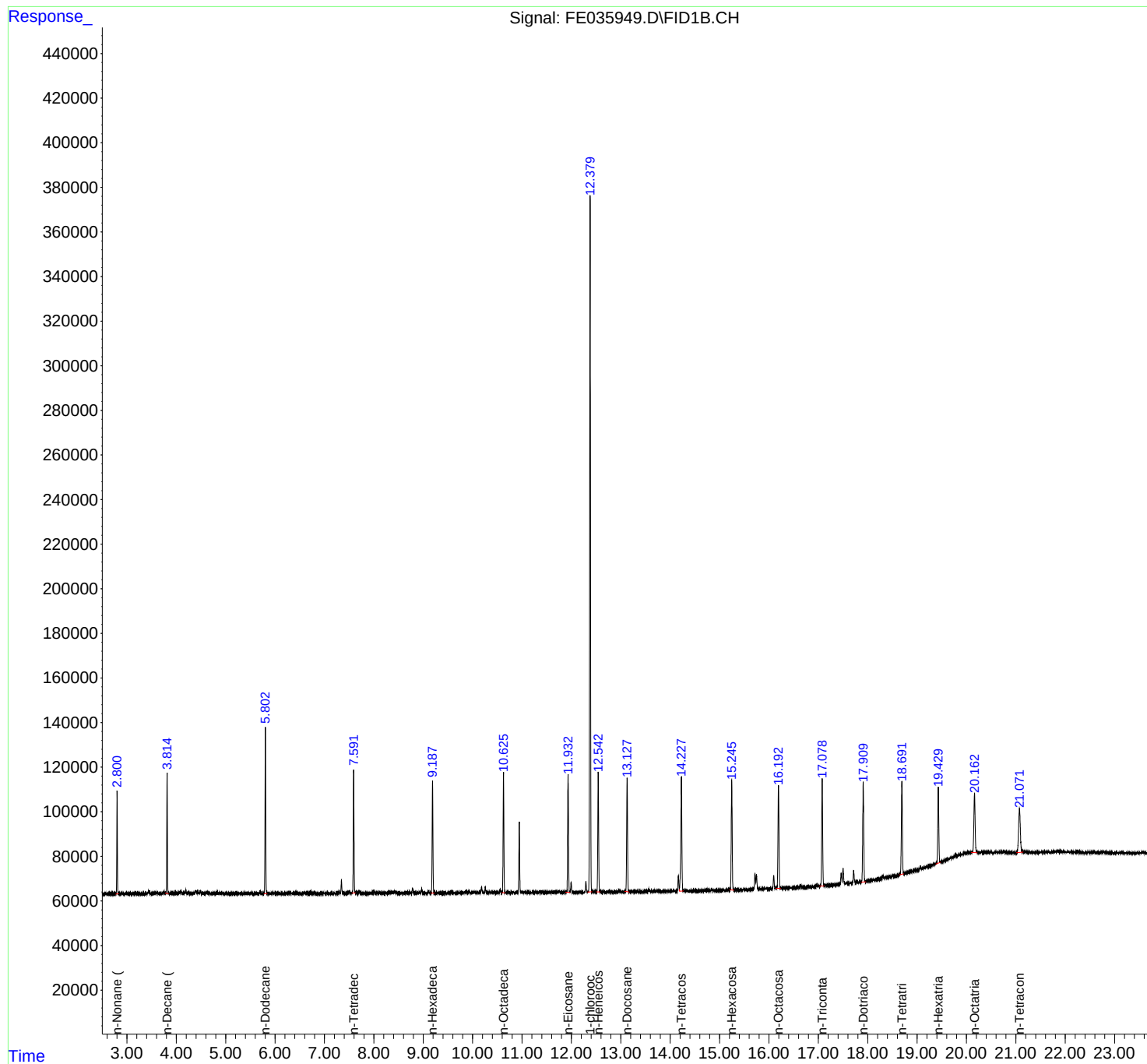
(m)=manual int.

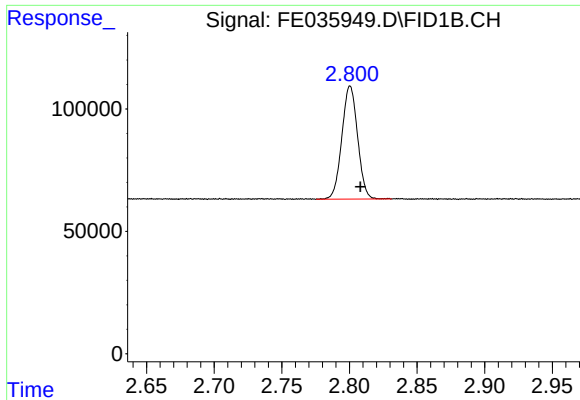
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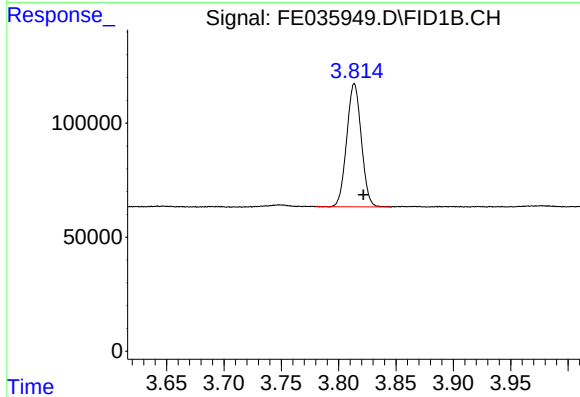




#1 n-Nonane (C9)

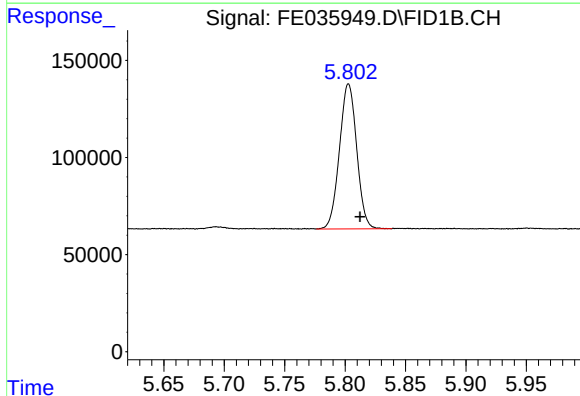
R.T.: 2.801 min
Delta R.T.: -0.007 min
Response: 375197
Conc: 3.14 ug/ml

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FID_E
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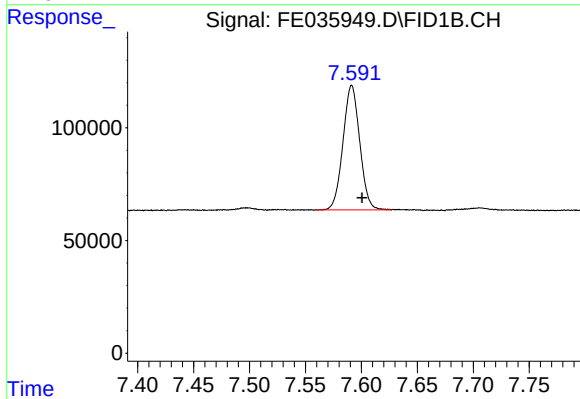
#2 n-Decane (C10)

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 479196
Conc: 4.05 ug/ml



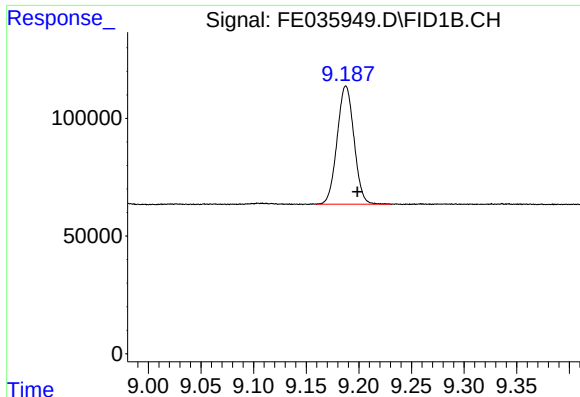
#4 n-Dodecane (C12)

R.T.: 5.803 min
Delta R.T.: -0.009 min
Response: 742598
Conc: 6.20 ug/ml



#6 n-Tetradecane (C14)

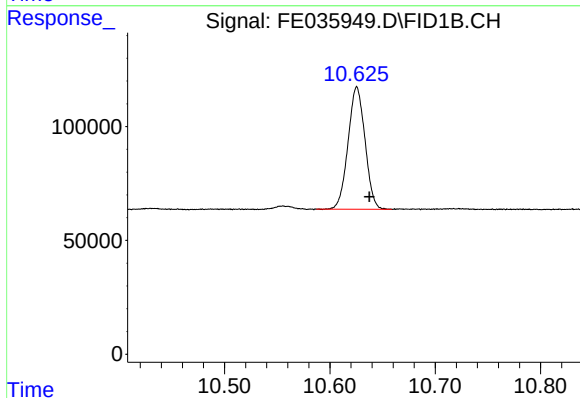
R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 576637
Conc: 4.84 ug/ml



#7 n-Hexadecane (C16)

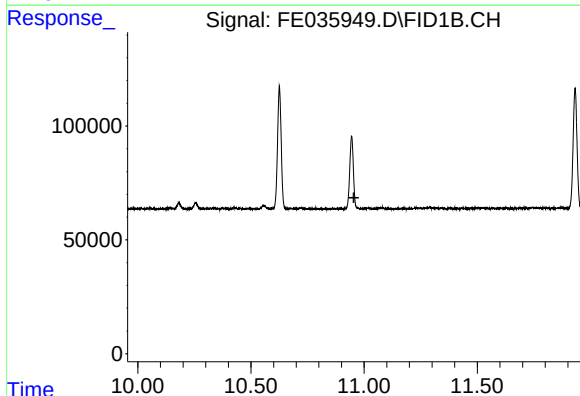
R.T.: 9.188 min
Delta R.T.: -0.011 min
Response: 560458
Conc: 4.70 ug/ml

Instrument :
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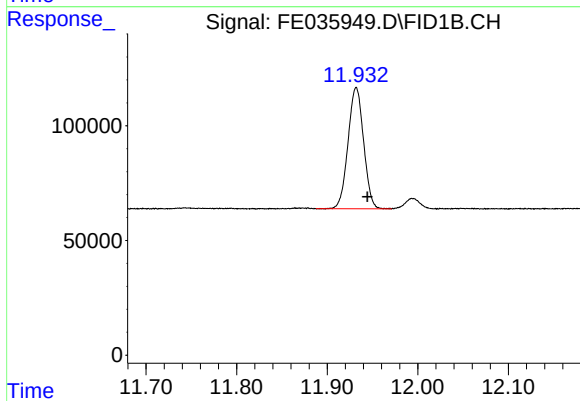
#8 n-Octadecane (C18)

R.T.: 10.626 min
Delta R.T.: -0.012 min
Response: 601404
Conc: 5.02 ug/ml



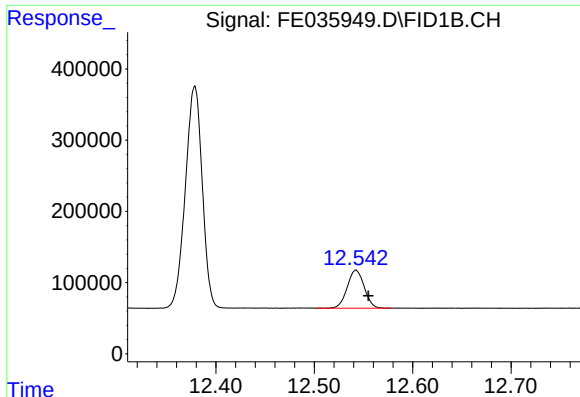
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.955 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

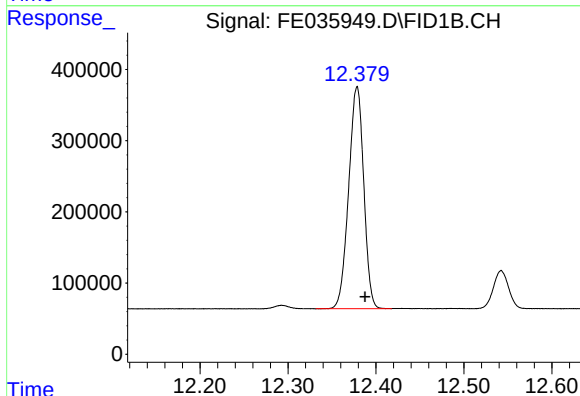
R.T.: 11.932 min
Delta R.T.: -0.012 min
Response: 631804
Conc: 5.30 ug/ml



#11 n-Heneicosane (C21)

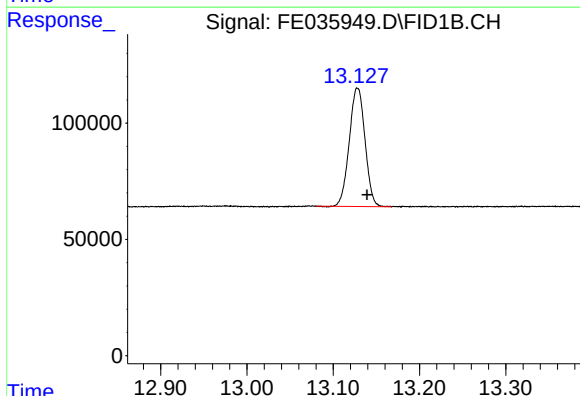
R.T.: 12.542 min
Delta R.T.: -0.012 min
Response: 639749
Conc: 5.33 ug/ml

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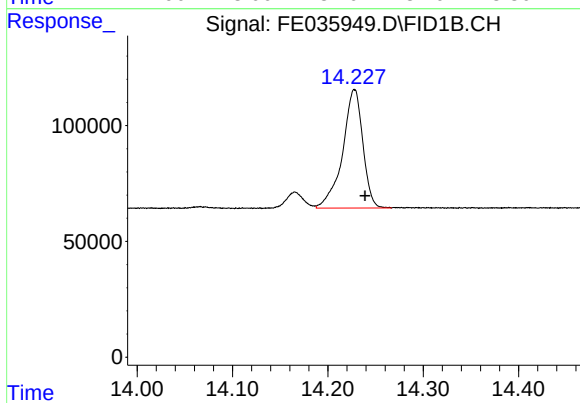
#12 1-chlorooctadecane (SURR)

R.T.: 12.379 min
Delta R.T.: -0.009 min
Response: 3714912
Conc: 35.51 ug/ml



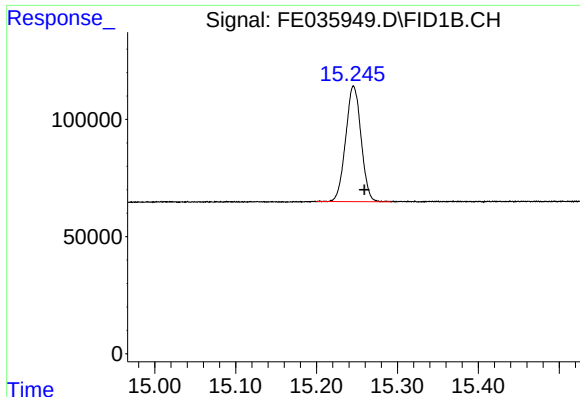
#13 n-Docosane (C22)

R.T.: 13.128 min
Delta R.T.: -0.011 min
Response: 647291
Conc: 5.37 ug/ml



#14 n-Tetracosane (C24)

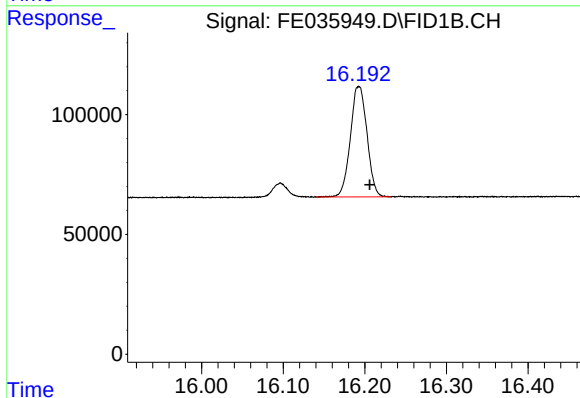
R.T.: 14.228 min
Delta R.T.: -0.011 min
Response: 757427
Conc: 6.26 ug/ml



#15 n-Hexacosane (C26)

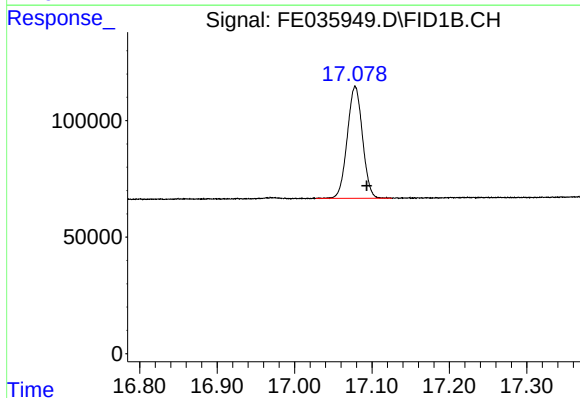
R.T.: 15.246 min
Delta R.T.: -0.013 min
Response: 653561
Conc: 5.40 ug/ml

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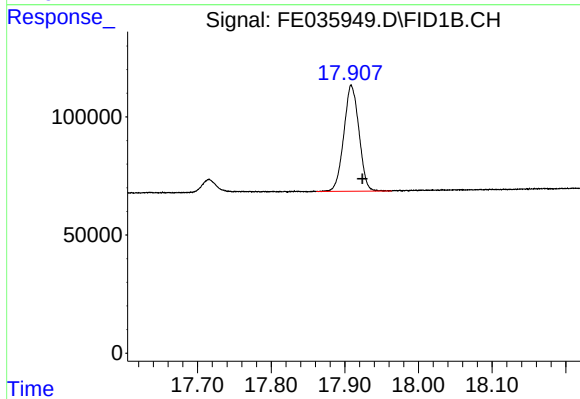
#16 n-Octacosane (C28)

R.T.: 16.193 min
Delta R.T.: -0.014 min
Response: 653445
Conc: 5.39 ug/ml



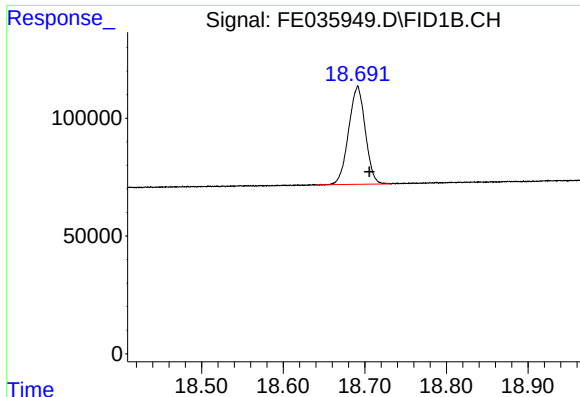
#17 n-Tricontane (C30)

R.T.: 17.078 min
Delta R.T.: -0.015 min
Response: 654797
Conc: 5.45 ug/ml



#18 n-Dotriacontane (C32)

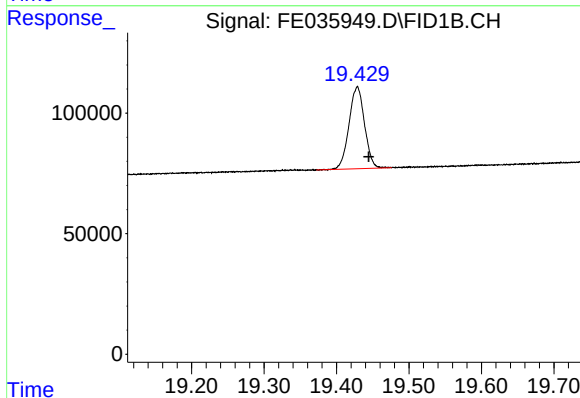
R.T.: 17.909 min
Delta R.T.: -0.015 min
Response: 641641
Conc: 5.58 ug/ml



#19 n-Tetratriacontane (C34)

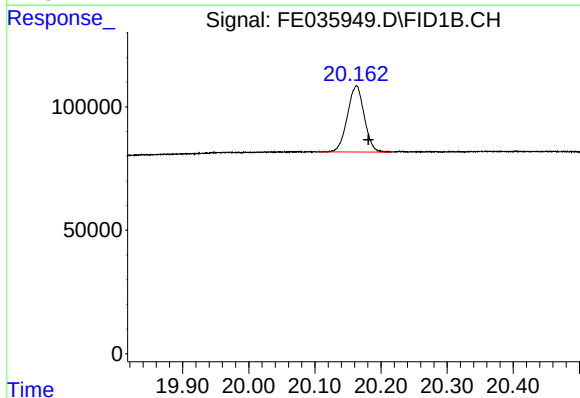
R.T.: 18.691 min
Delta R.T.: -0.015 min
Response: 588760
Conc: 5.44 ug/ml

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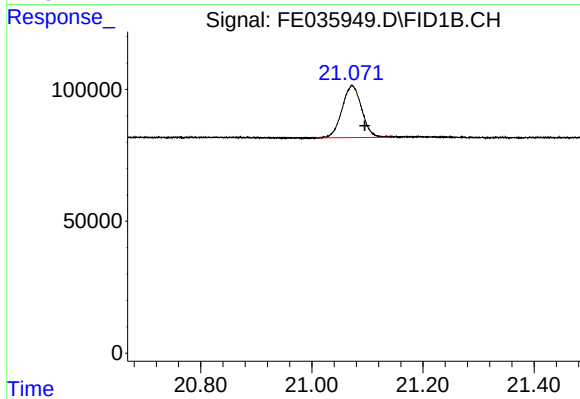
#20 n-Hexatriacontane (C36)

R.T.: 19.429 min
Delta R.T.: -0.016 min
Response: 505269
Conc: 5.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.163 min
Delta R.T.: -0.018 min
Response: 474957
Conc: 4.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.072 min
Delta R.T.: -0.022 min
Response: 482682
Conc: 5.17 ug/ml