

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032298.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 11:18
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 4 PPM-SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Integration File: autoint1.e
 Quant Time: Feb 07 05:59:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 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...	12.966	4370976	37.021 ug/ml
Spiked Amount 50.000		Recovery =	74.04%
Target Compounds			
1) T n-Nonane (C9)	3.333	274566	2.029 ug/ml
2) T n-Decane (C10)	4.394	338325	2.498 ug/ml
4) T n-Dodecane (C12)	6.401	421461	3.081 ug/ml
6) T n-Tetradecane (C14)	8.187	420617	3.048 ug/ml
7) T n-Hexadecane (C16)	9.781	428099	3.107 ug/ml
8) T n-Octadecane (C18)	11.216	459044	3.318 ug/ml
10) T n-Eicosane (C20)	12.520	467468	3.375 ug/ml
11) T n-Heneicosane (C21)	13.129	464416	3.321 ug/ml
13) T n-Docosane (C22)	13.713	483263	3.483 ug/ml
14) T n-Tetracosane (C24)	14.812	475005	3.422 ug/ml
15) T n-Hexacosane (C26)	15.828	465358	3.400 ug/ml
16) T n-Octacosane (C28)	16.773	476261	3.552 ug/ml
17) T n-Tricontane (C30)	17.658	489129	3.802 ug/ml
18) T n-Dotriacontane (C32)	18.487	470120	4.222 ug/ml
19) T n-Tetratriacontane (C34)	19.268	407610	4.410 ug/ml
20) T n-Hexatriacontane (C36)	20.004	303803	3.440 ug/ml
21) T n-Octatriacontane (C38)	20.722	283437	3.676 ug/ml
22) T n-Tetracontane (C40)	21.593	337535	3.811 ug/ml

(f)=RT Delta > 1/2 Window

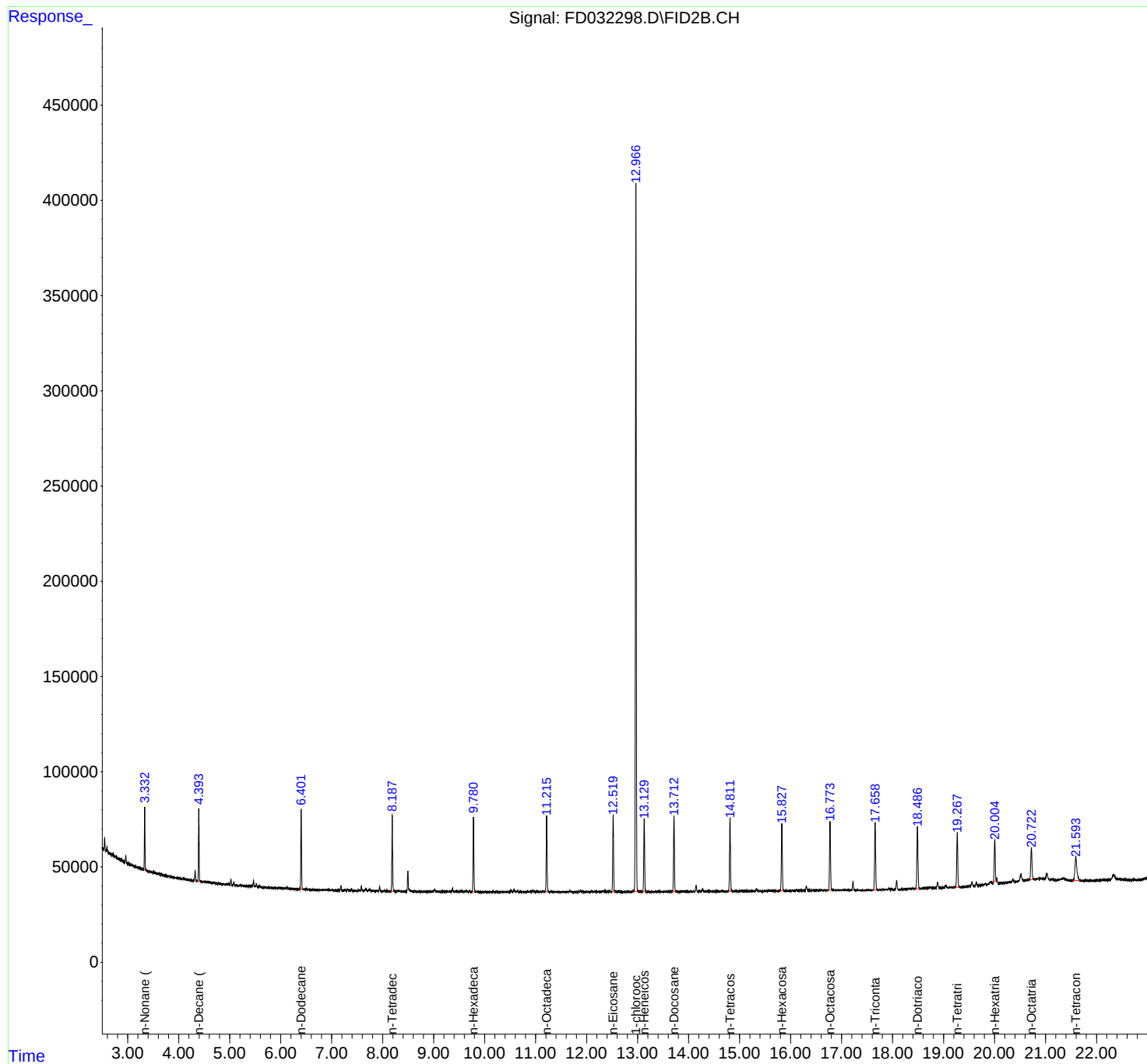
(m)=manual int.

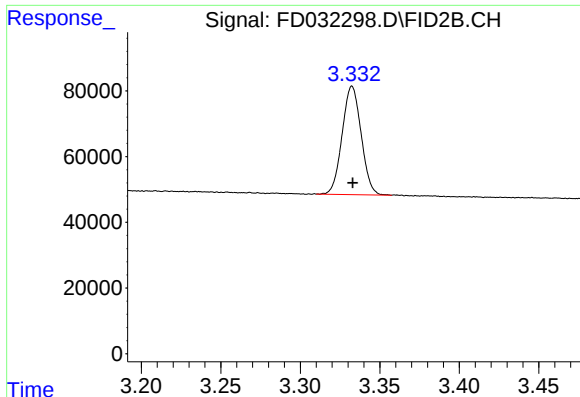
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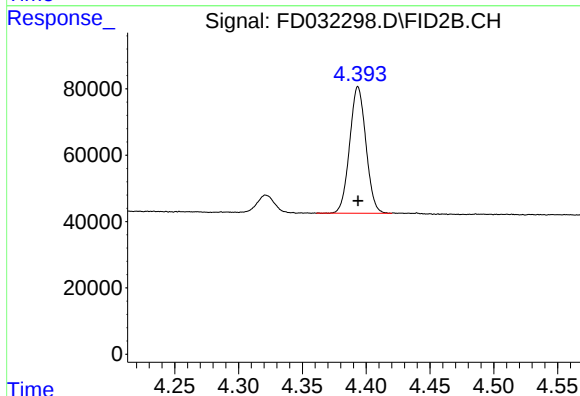




#1 n-Nonane (C9)

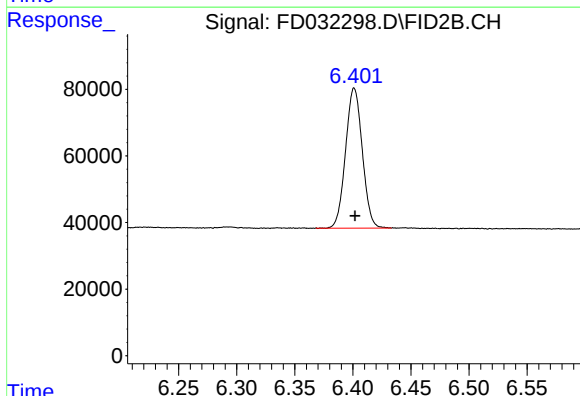
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 274566
Conc: 2.03 ug/ml

Instrument :
FID_D
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LOD-MDL-SOIL-01-QT1-2020



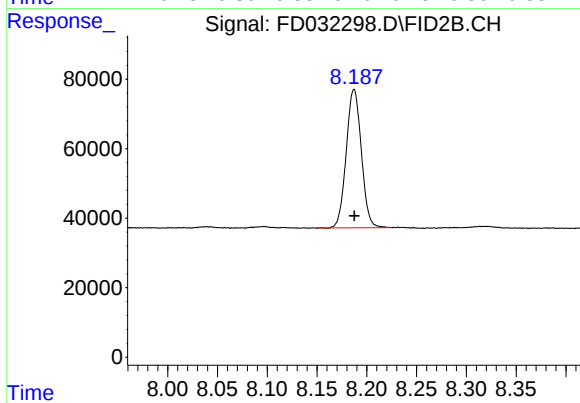
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 338325
Conc: 2.50 ug/ml



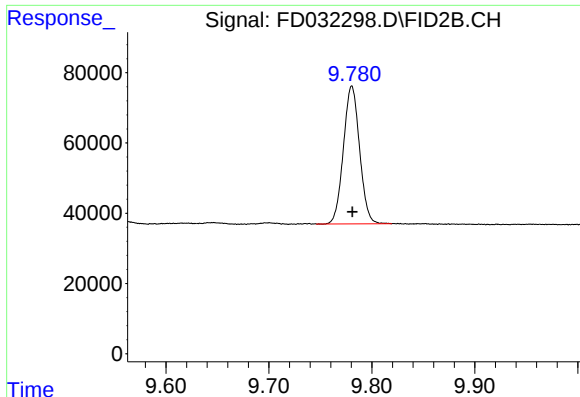
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 421461
Conc: 3.08 ug/ml



#6 n-Tetradecane (C14)

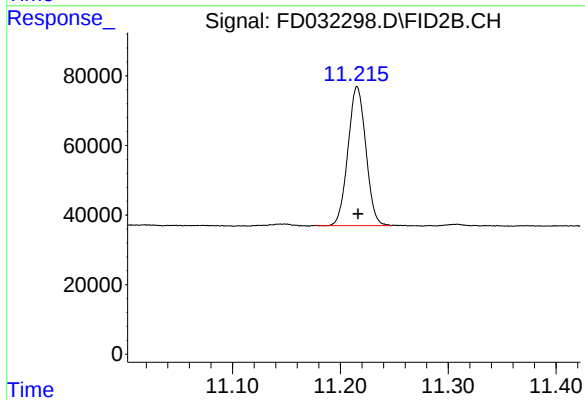
R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 420617
Conc: 3.05 ug/ml



#7 n-Hexadecane (C16)

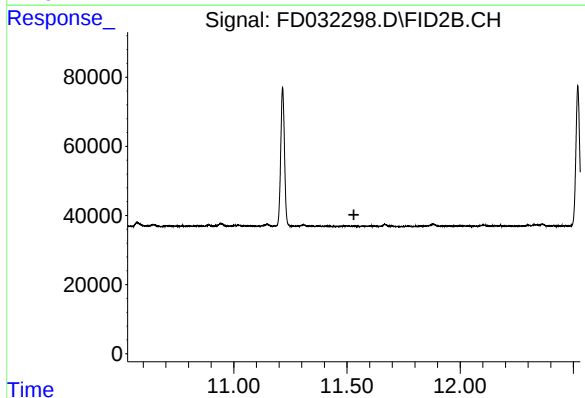
R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 428099
Conc: 3.11 ug/ml

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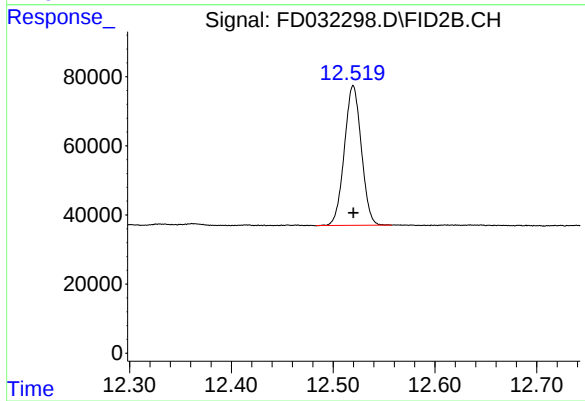
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 459044
Conc: 3.32 ug/ml



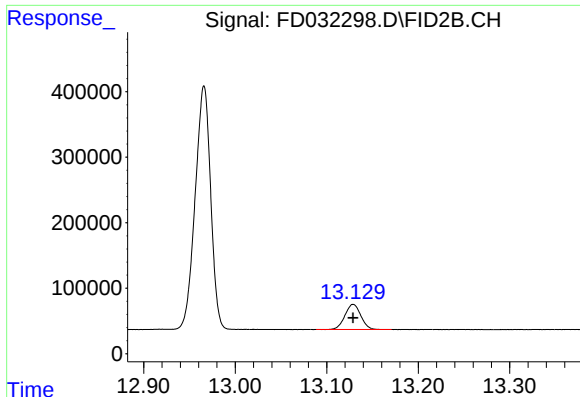
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.531 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

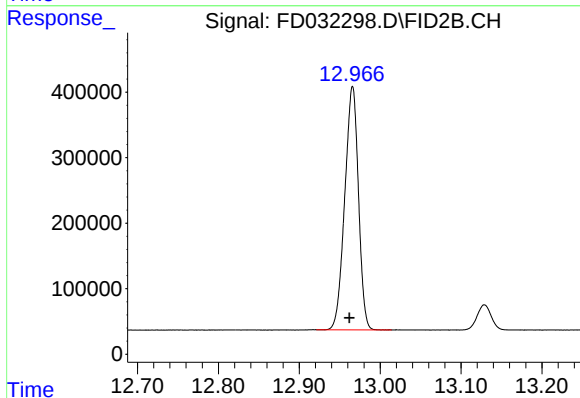
R.T.: 12.520 min
Delta R.T.: 0.000 min
Response: 467468
Conc: 3.38 ug/ml



#11 n-Heneicosane (C21)

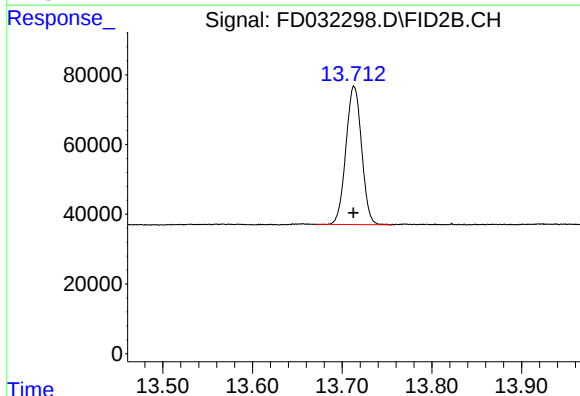
R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 464416
Conc: 3.32 ug/ml

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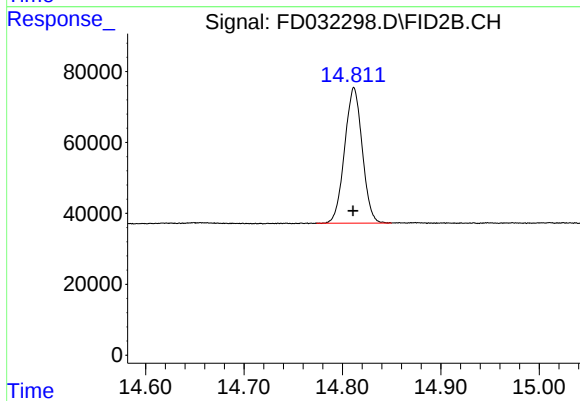
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: 0.004 min
Response: 4370976
Conc: 37.02 ug/ml



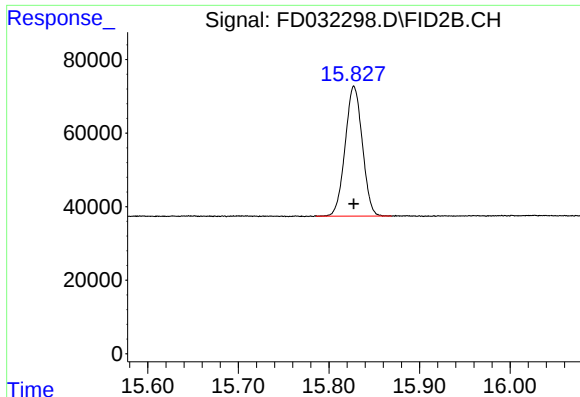
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 483263
Conc: 3.48 ug/ml



#14 n-Tetracosane (C24)

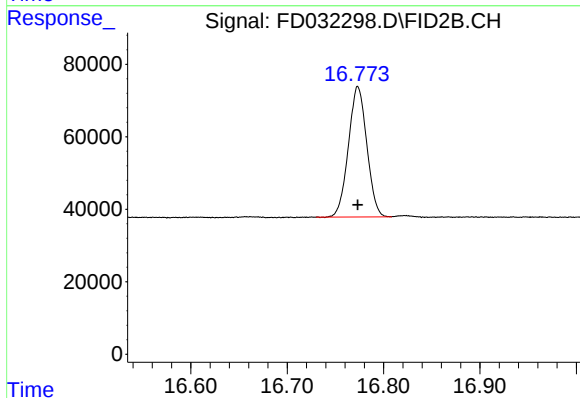
R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 475005
Conc: 3.42 ug/ml



#15 n-Hexacosane (C26)

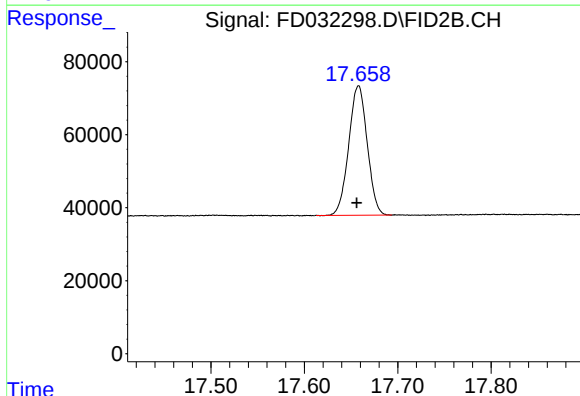
R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 465358
Conc: 3.40 ug/ml

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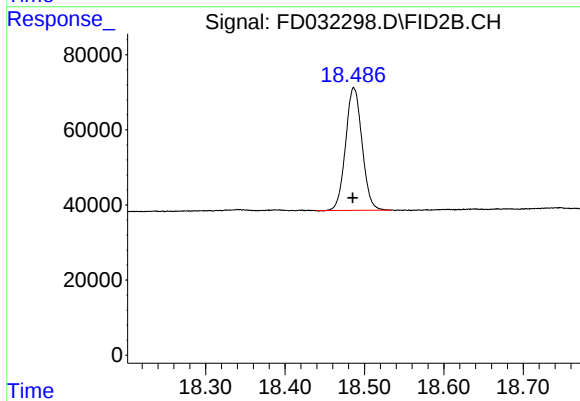
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 476261
Conc: 3.55 ug/ml



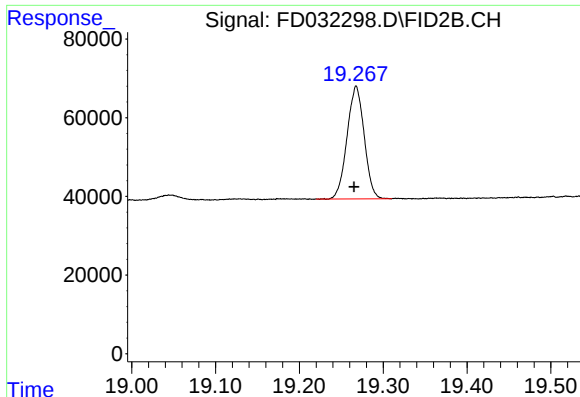
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 489129
Conc: 3.80 ug/ml



#18 n-Dotriacontane (C32)

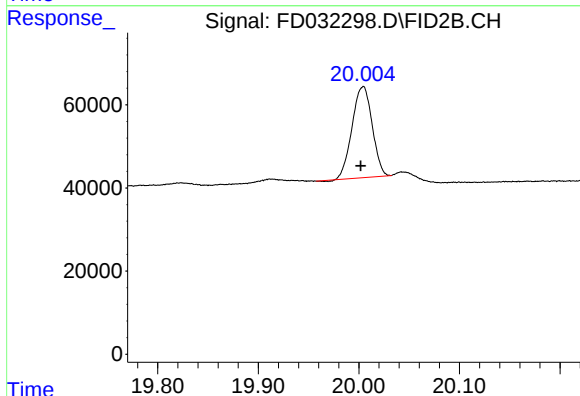
R.T.: 18.487 min
Delta R.T.: 0.001 min
Response: 470120
Conc: 4.22 ug/ml



#19 n-Tetratriacontane (C34)

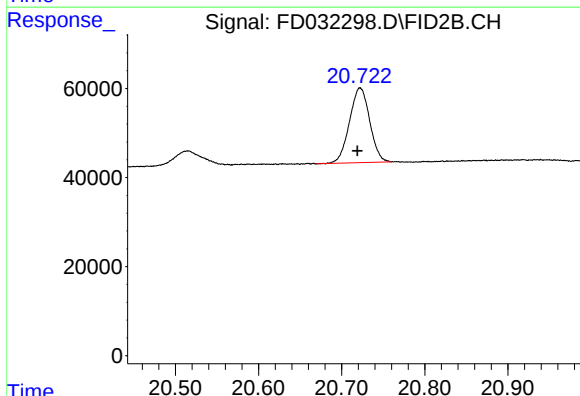
R.T.: 19.268 min
Delta R.T.: 0.003 min
Response: 407610
Conc: 4.41 ug/ml

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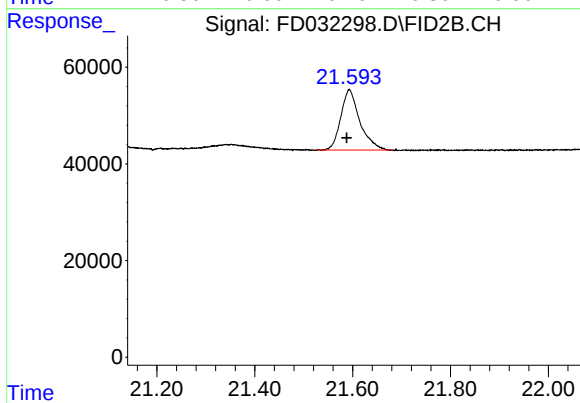
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.003 min
Response: 303803
Conc: 3.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 283437
Conc: 3.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.005 min
Response: 337535
Conc: 3.81 ug/ml