

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032301.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 13:08
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 4 PPM-WATER
 ALS Vial : 59 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Feb 07 05:59:55 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...	12.965	3123561	26.456 ug/ml
Spiked Amount 50.000		Recovery =	52.91%
Target Compounds			
1) T n-Nonane (C9)	3.333	227349	1.680 ug/ml
2) T n-Decane (C10)	4.394	280084	2.068 ug/ml
4) T n-Dodecane (C12)	6.401	352613	2.578 ug/ml
6) T n-Tetradecane (C14)	8.187	370592	2.685 ug/ml
7) T n-Hexadecane (C16)	9.781	358272	2.600 ug/ml
8) T n-Octadecane (C18)	11.216	382713	2.767 ug/ml
10) T n-Eicosane (C20)	12.520	396601	2.864 ug/ml
11) T n-Heneicosane (C21)	13.129	391839	2.802 ug/ml
13) T n-Docosane (C22)	13.713	413816	2.983 ug/ml
14) T n-Tetracosane (C24)	14.812	414964	2.989 ug/ml
15) T n-Hexacosane (C26)	15.828	421737	3.081 ug/ml
16) T n-Octacosane (C28)	16.774	453098	3.379 ug/ml
17) T n-Tricontane (C30)	17.658	465598	3.619 ug/ml
18) T n-Dotriacontane (C32)	18.488	448988	4.033 ug/ml
19) T n-Tetratriacontane (C34)	19.267	364226	3.940 ug/ml
20) T n-Hexatriacontane (C36)	20.004	251464	2.847 ug/ml
21) T n-Octatriacontane (C38)	20.721	251388	3.260 ug/ml
22) T n-Tetracontane (C40)	21.593	349009	3.941 ug/ml

(f)=RT Delta > 1/2 Window

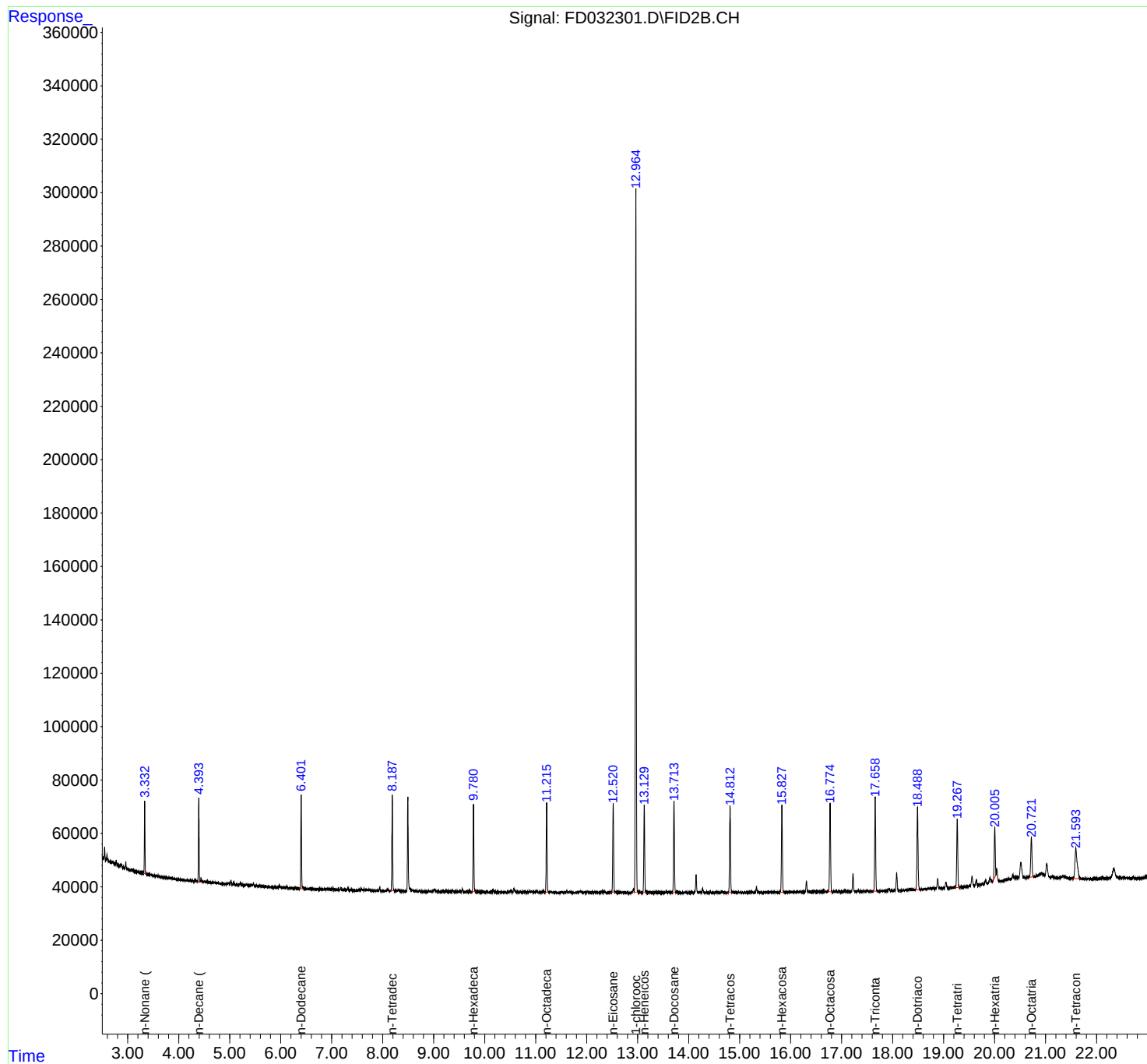
(m)=manual int.

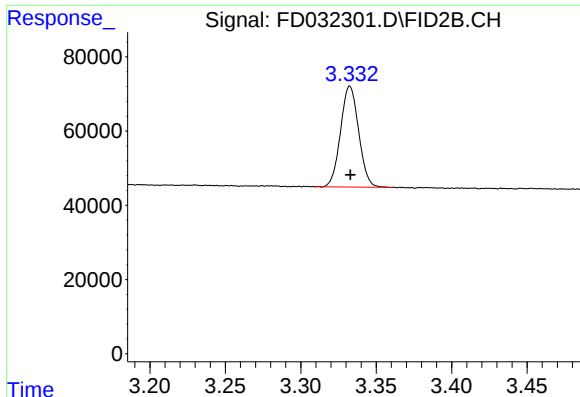
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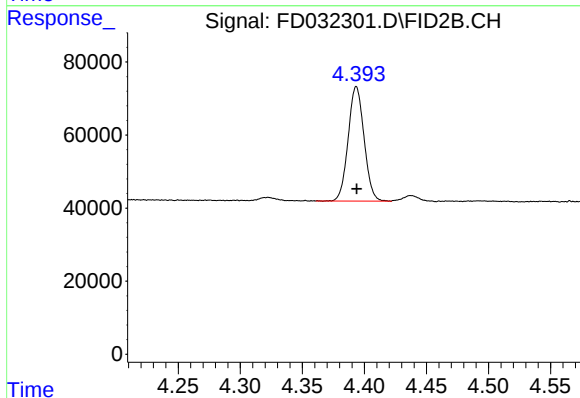




#1 n-Nonane (C9)

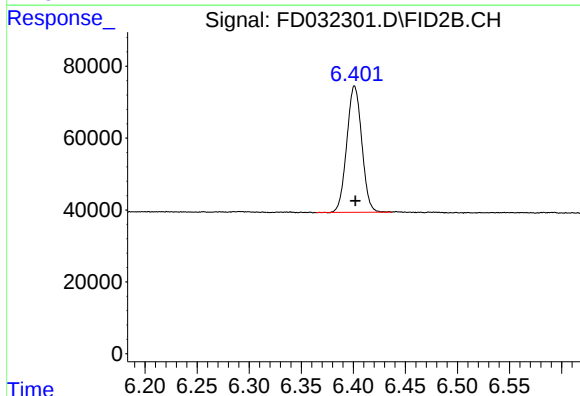
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 227349
Conc: 1.68 ug/ml

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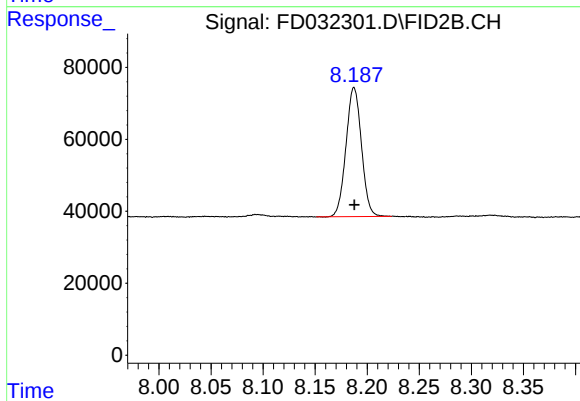
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 280084
Conc: 2.07 ug/ml



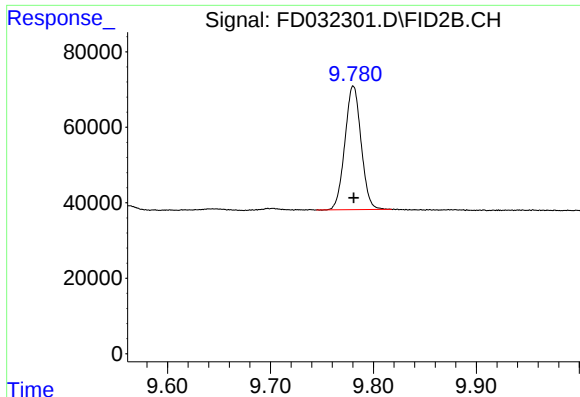
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 352613
Conc: 2.58 ug/ml



#6 n-Tetradecane (C14)

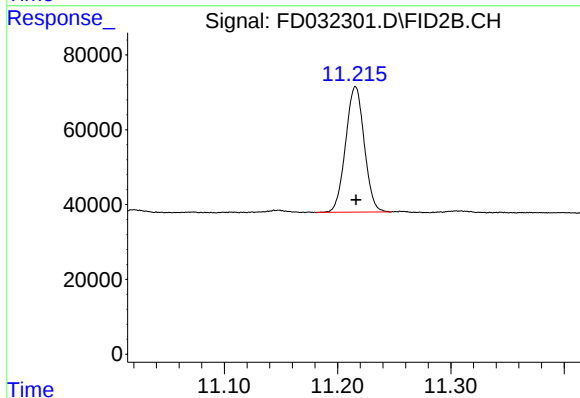
R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 370592
Conc: 2.69 ug/ml



#7 n-Hexadecane (C16)

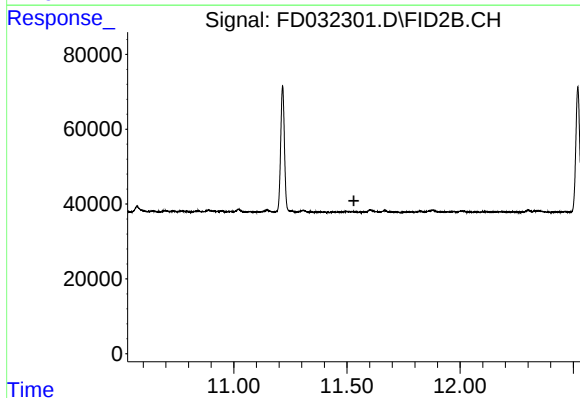
R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 358272
Conc: 2.60 ug/ml

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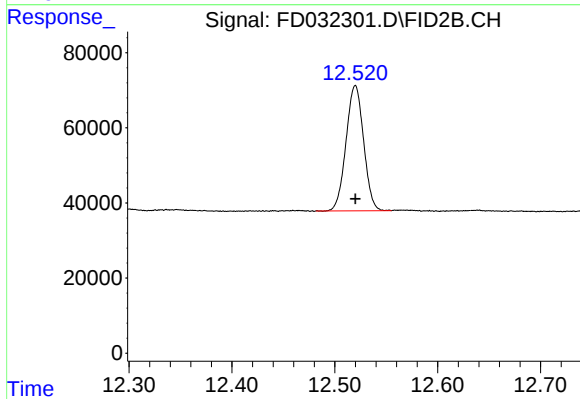
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 382713
Conc: 2.77 ug/ml



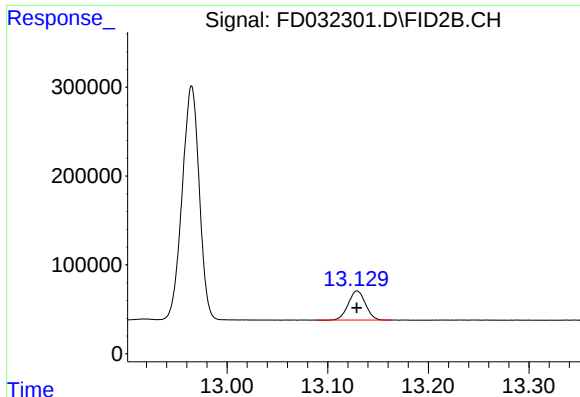
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

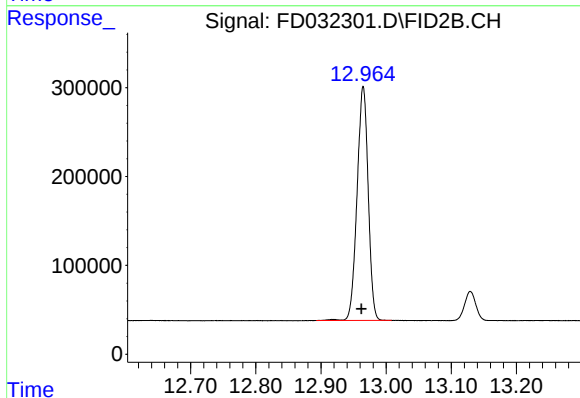
R.T.: 12.520 min
Delta R.T.: 0.000 min
Response: 396601
Conc: 2.86 ug/ml



#11 n-Heneicosane (C21)

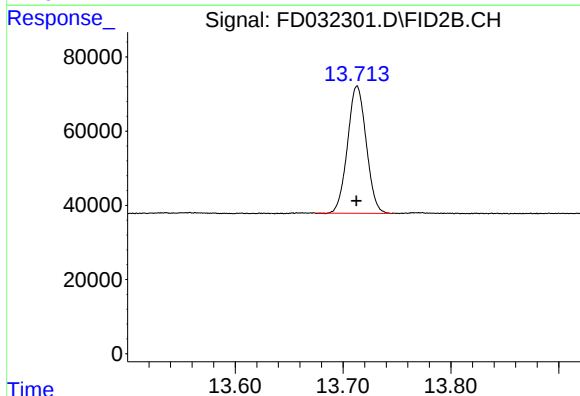
R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 391839
Conc: 2.80 ug/ml

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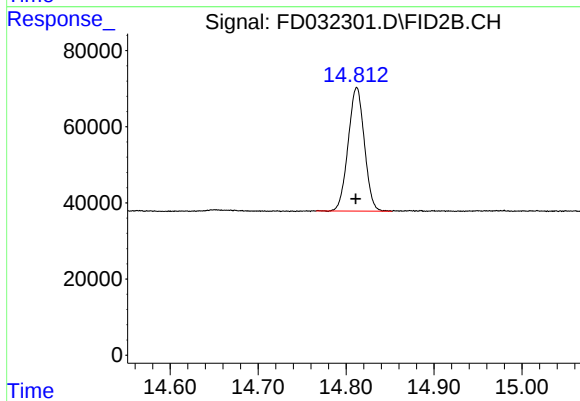
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: 0.003 min
Response: 3123561
Conc: 26.46 ug/ml



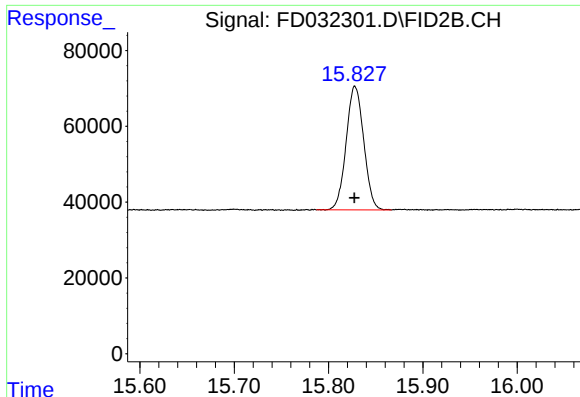
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 413816
Conc: 2.98 ug/ml



#14 n-Tetracosane (C24)

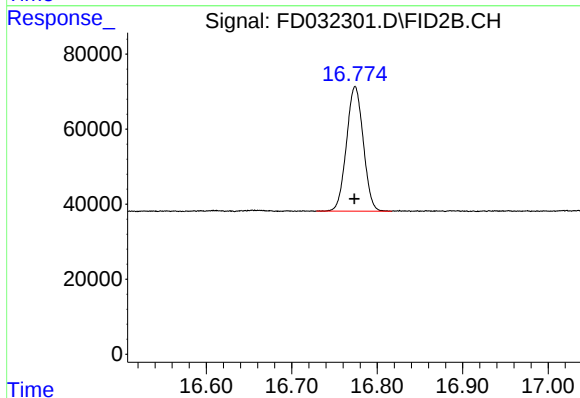
R.T.: 14.812 min
Delta R.T.: 0.001 min
Response: 414964
Conc: 2.99 ug/ml



#15 n-Hexacosane (C26)

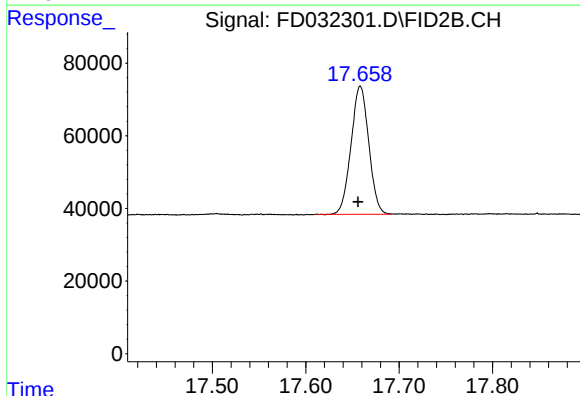
R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 421737
Conc: 3.08 ug/ml

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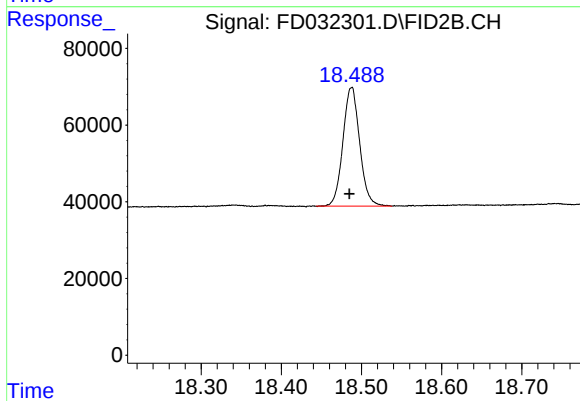
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 453098
Conc: 3.38 ug/ml



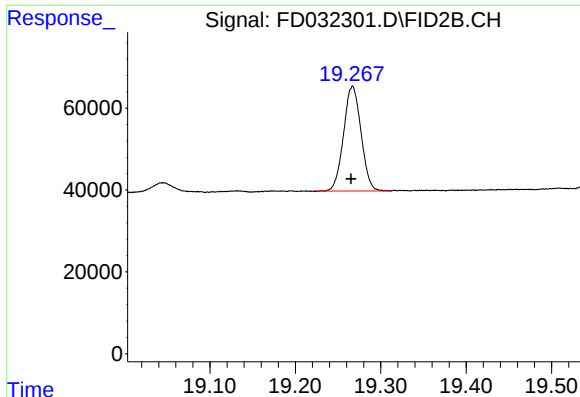
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 465598
Conc: 3.62 ug/ml



#18 n-Dotriacontane (C32)

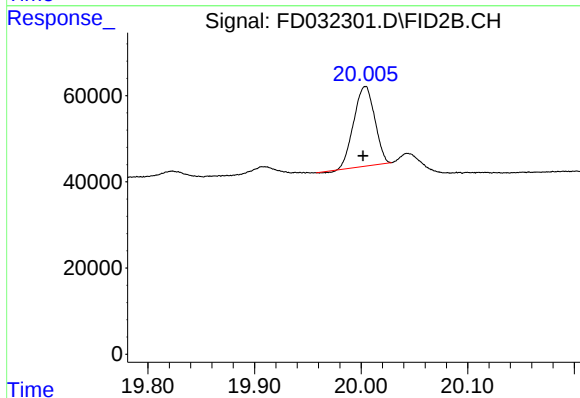
R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 448988
Conc: 4.03 ug/ml



#19 n-Tetratriacontane (C34)

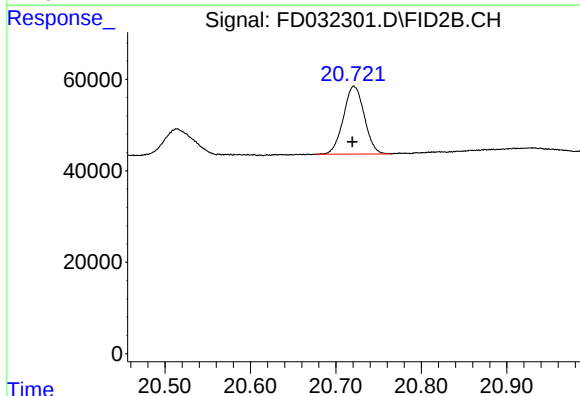
R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 364226
Conc: 3.94 ug/ml

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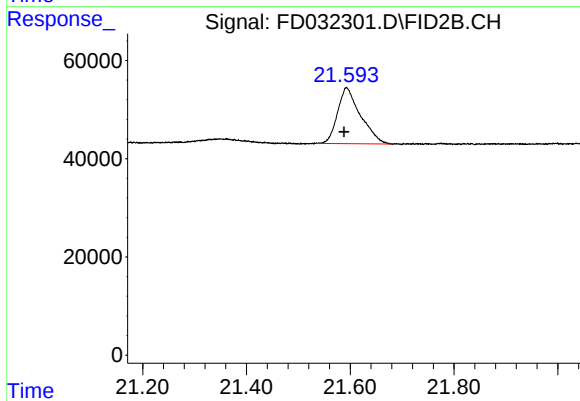
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.002 min
Response: 251464
Conc: 2.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.002 min
Response: 251388
Conc: 3.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.005 min
Response: 349009
Conc: 3.94 ug/ml