

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

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:51 AM

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)	3.332	232878	1.721 ug/mlm
2) T n-Decane (C10)	4.393	283580	2.094 ug/mlm
4) T n-Dodecane (C12)	6.401	360405	2.635 ug/mlm
6) T n-Tetradecane (C14)	8.187	378612	2.743 ug/mlm
7) T n-Hexadecane (C16)	9.780	365064	2.650 ug/mlm
8) T n-Octadecane (C18)	11.215	388183	2.806 ug/mlm
10) T n-Eicosane (C20)	12.520	400735	2.893 ug/mlm
11) T n-Heneicosane (C21)	13.129	398095	2.847 ug/mlm
13) T n-Docosane (C22)	13.713	419682	3.025 ug/mlm
14) T n-Tetracosane (C24)	14.812	424228	3.056 ug/mlm
15) T n-Hexacosane (C26)	15.827	427905	3.126 ug/mlm
16) T n-Octacosane (C28)	16.774	457501	3.412 ug/mlm
17) T n-Tricontane (C30)	17.658	472557	3.673 ug/mlm
18) T n-Dotriacontane (C32)	18.488	455034	4.087 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	370155	4.004 ug/mlm
20) T n-Hexatriacontane (C36)	20.005	310327	3.514 ug/mlm
21) T n-Octatriacontane (C38)	20.721	256579	3.328 ug/mlm
22) T n-Tetracontane (C40)	21.593	356129	4.021 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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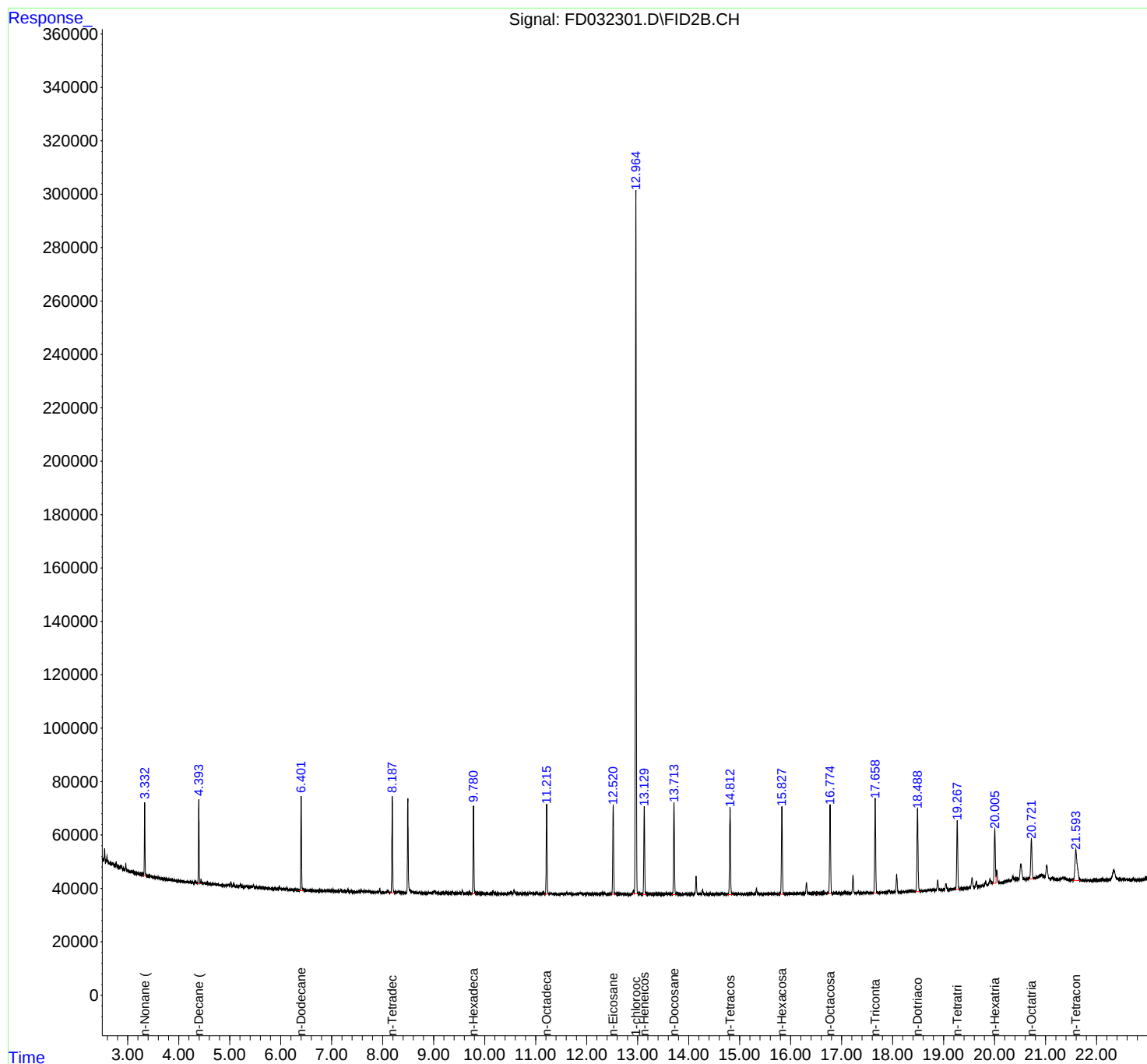
Instrument :
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LOD-MDL-WATER-01-QT1-2020

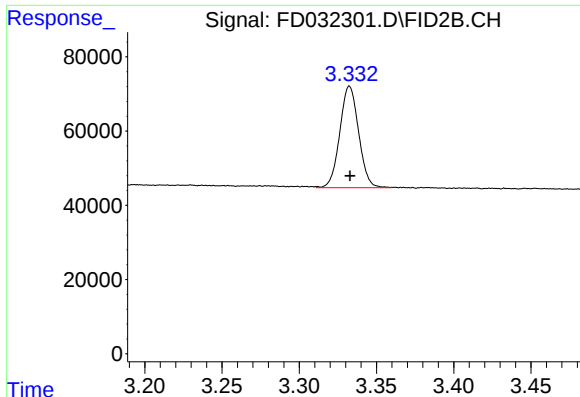
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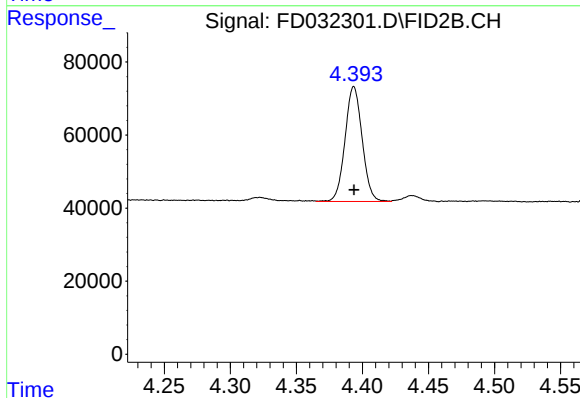
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 232878
Conc: 1.72 ug/ml m

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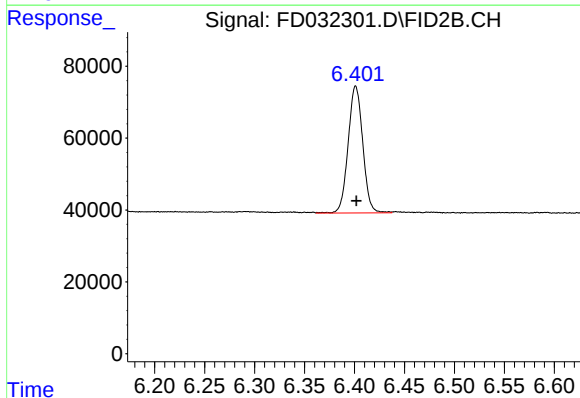
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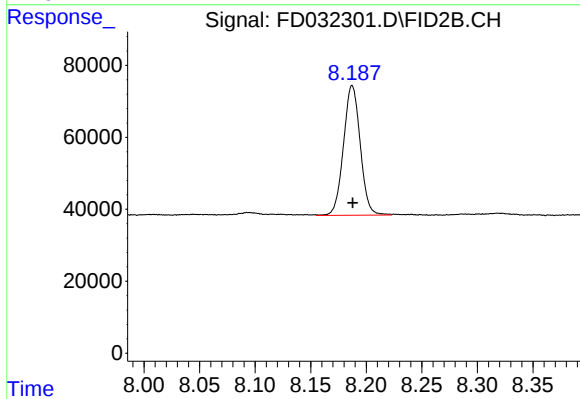
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 283580
Conc: 2.09 ug/ml m



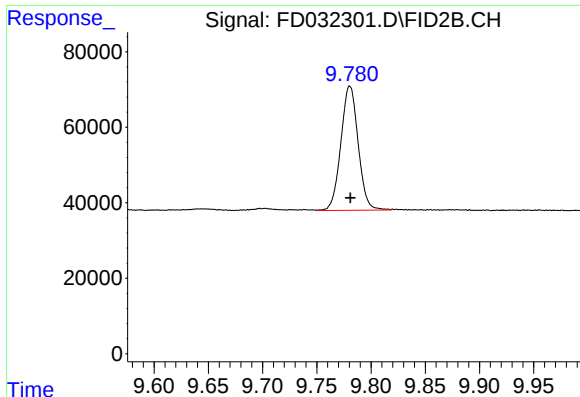
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 360405
Conc: 2.63 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 378612
Conc: 2.74 ug/ml m



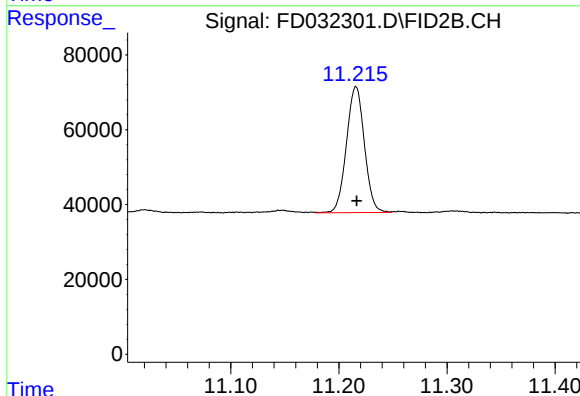
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.001 min
Response: 365064
Conc: 2.65 ug/ml m

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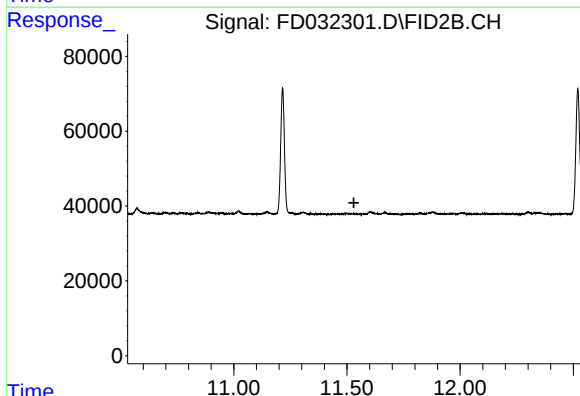
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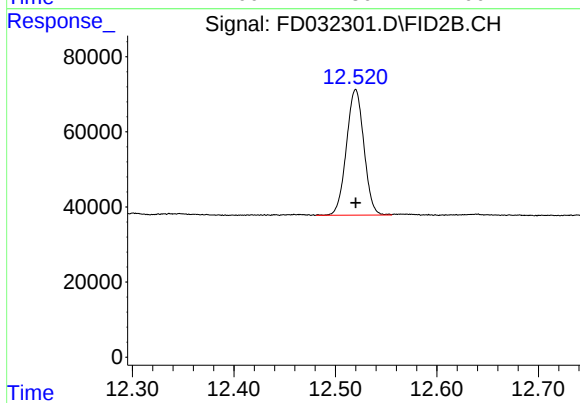
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 388183
Conc: 2.81 ug/ml m



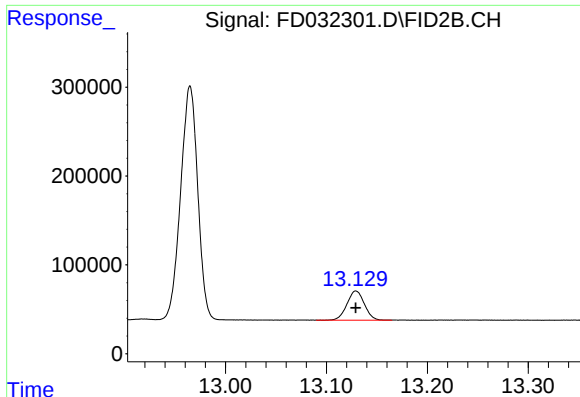
#9 ortho-Terphenyl (SURR)

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: 400735
Conc: 2.89 ug/ml m



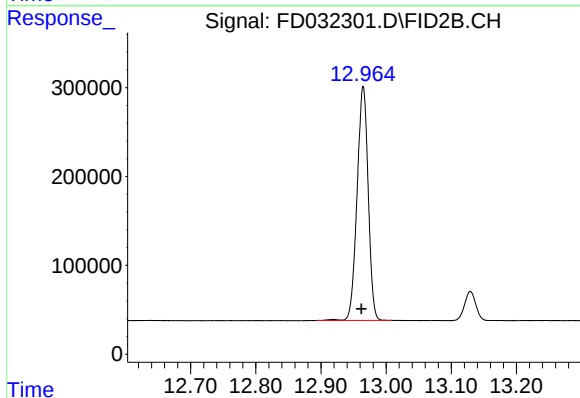
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 398095
Conc: 2.85 ug/ml m

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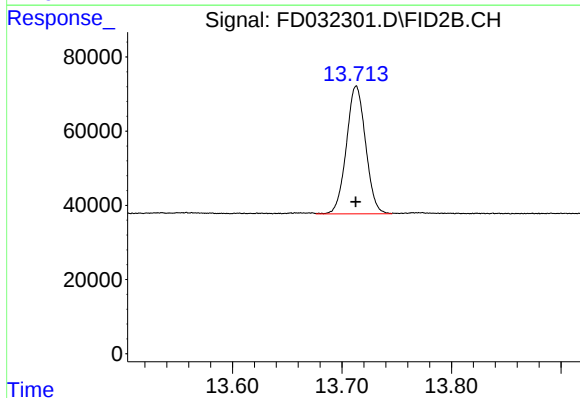
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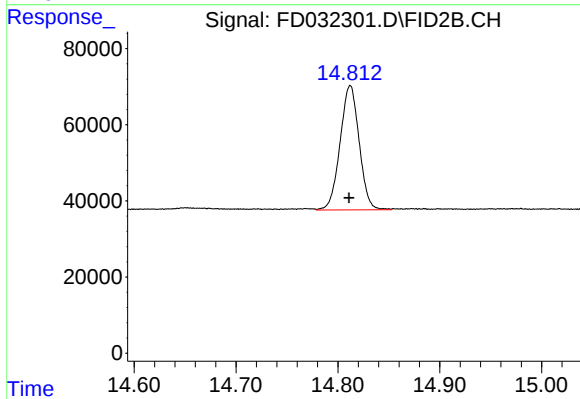
#12 1-chlorooctadecane (SURR)

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



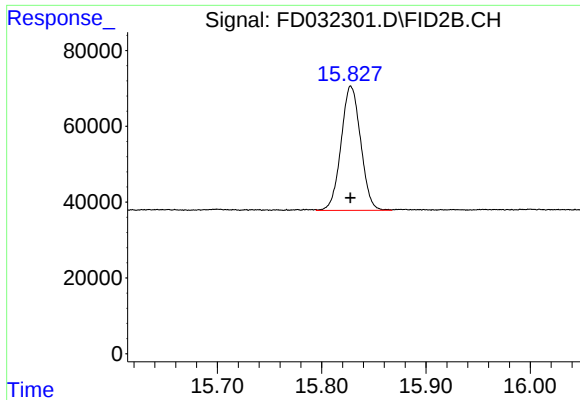
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 419682
Conc: 3.03 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 424228
Conc: 3.06 ug/ml m



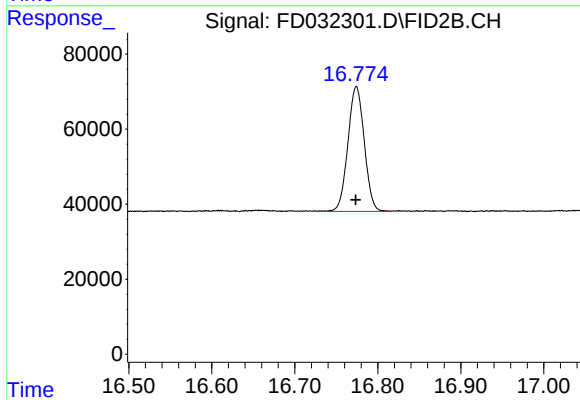
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: 0.000 min
Response: 427905
Conc: 3.13 ug/ml m

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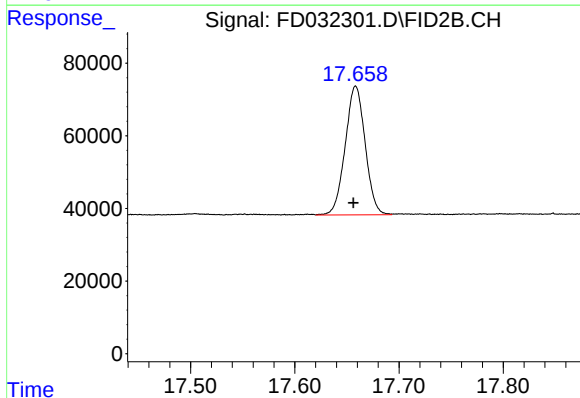
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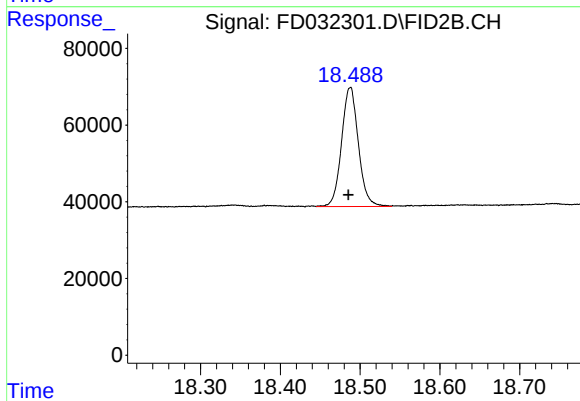
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 457501
Conc: 3.41 ug/ml m



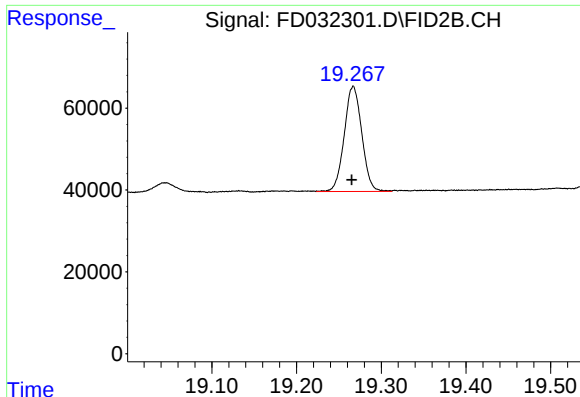
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 472557
Conc: 3.67 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 455034
Conc: 4.09 ug/ml m



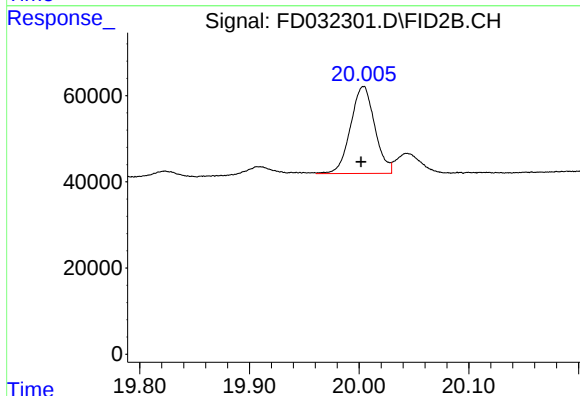
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.001 min
Response: 370155
Conc: 4.00 ug/ml m

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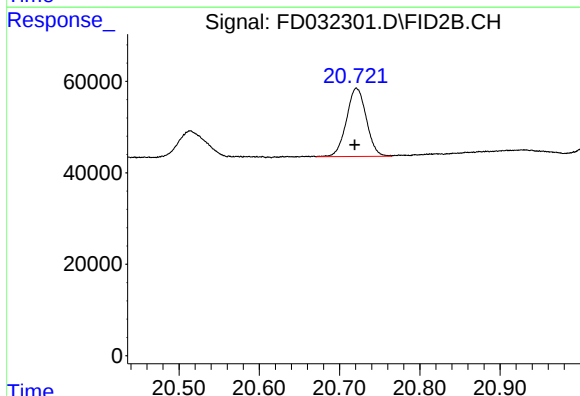
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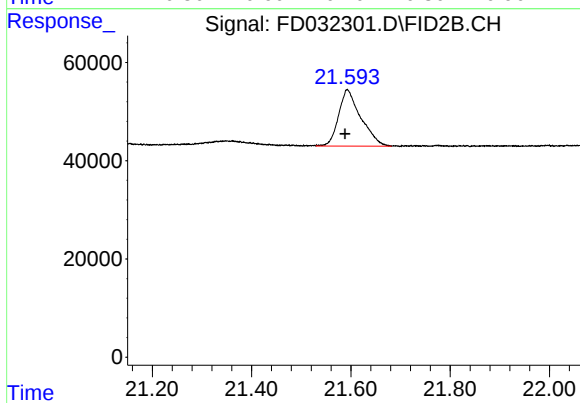
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.003 min
Response: 310327
Conc: 3.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.001 min
Response: 256579
Conc: 3.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.005 min
Response: 356129
Conc: 4.02 ug/ml m