

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

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:44 AM

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)	3.332	278880	2.061 ug/mlm
2) T n-Decane (C10)	4.393	342722	2.531 ug/mlm
4) T n-Dodecane (C12)	6.401	426427	3.117 ug/mlm
6) T n-Tetradecane (C14)	8.187	427624	3.099 ug/mlm
7) T n-Hexadecane (C16)	9.780	436294	3.167 ug/mlm
8) T n-Octadecane (C18)	11.215	464932	3.361 ug/mlm
10) T n-Eicosane (C20)	12.519	470839	3.400 ug/mlm
11) T n-Heneicosane (C21)	13.129	467587	3.344 ug/mlm
13) T n-Docosane (C22)	13.712	485660	3.501 ug/mlm
14) T n-Tetracosane (C24)	14.811	477869	3.442 ug/mlm
15) T n-Hexacosane (C26)	15.827	470023	3.434 ug/mlm
16) T n-Octacosane (C28)	16.773	481726	3.593 ug/mlm
17) T n-Tricontane (C30)	17.658	491914	3.823 ug/mlm
18) T n-Dotriacontane (C32)	18.486	477502	4.289 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	411217	4.449 ug/mlm
20) T n-Hexatriacontane (C36)	20.004	347958	3.940 ug/mlm
21) T n-Octatriacontane (C38)	20.722	290593	3.769 ug/mlm
22) T n-Tetracontane (C40)	21.593	343517	3.879 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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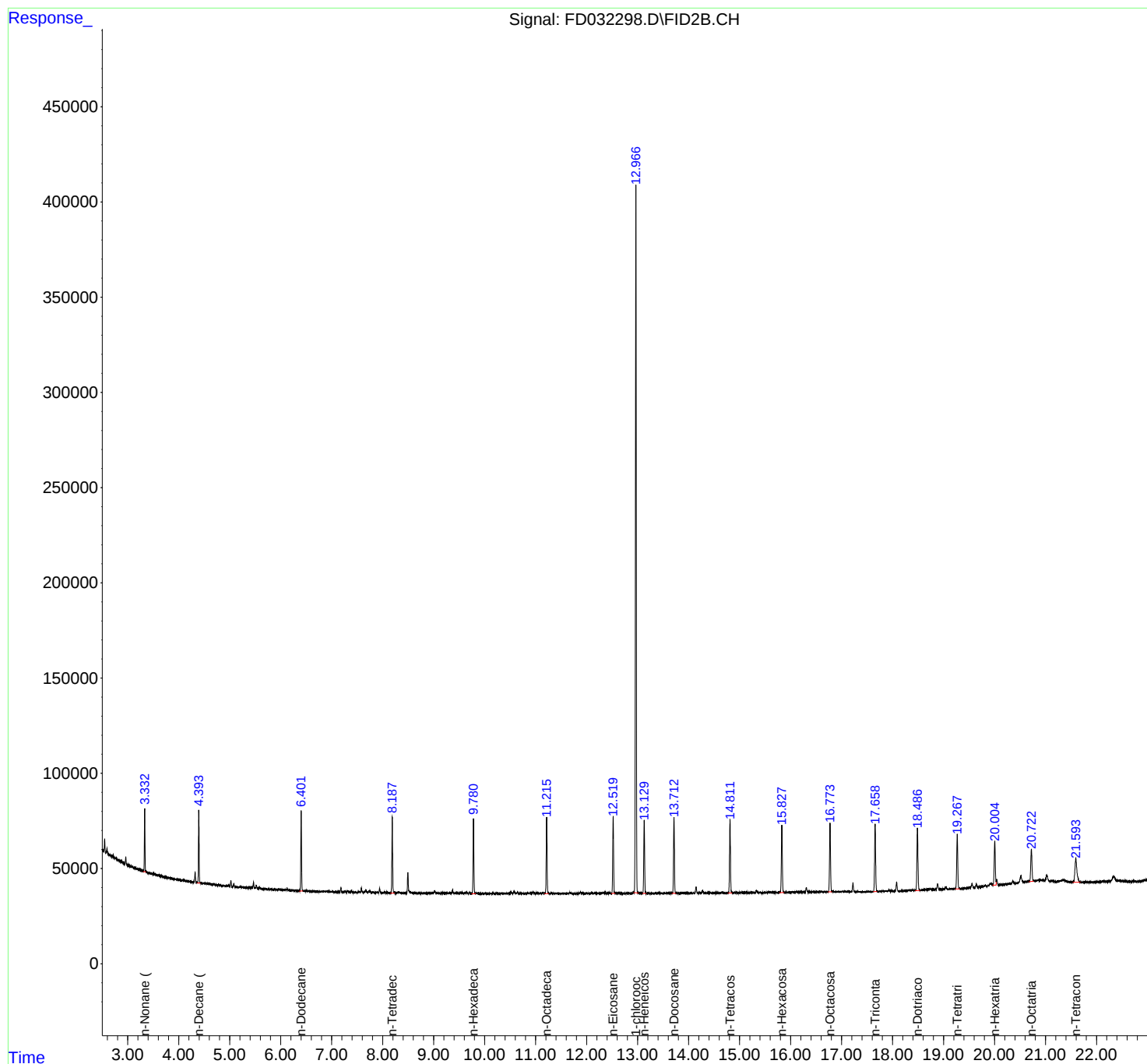
Instrument :
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LOD-MDL-SOIL-01-QT1-2020

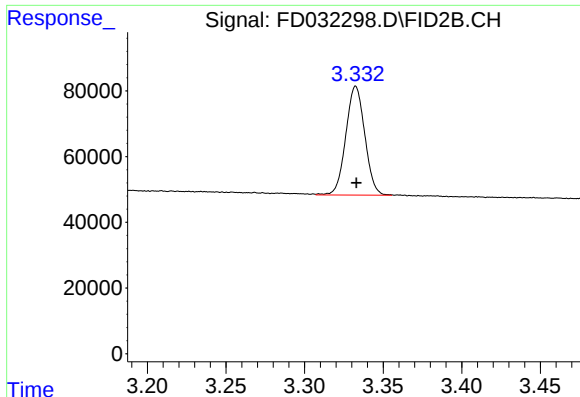
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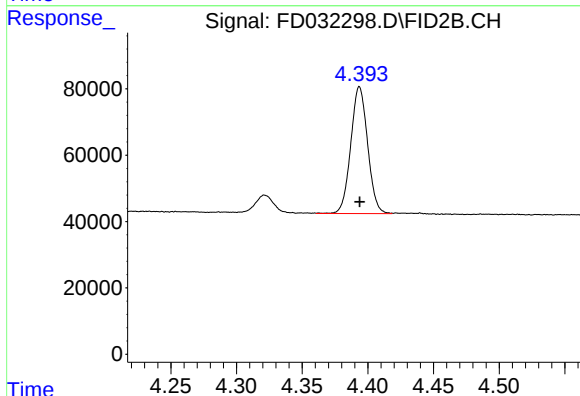
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 278880
Conc: 2.06 ug/ml m

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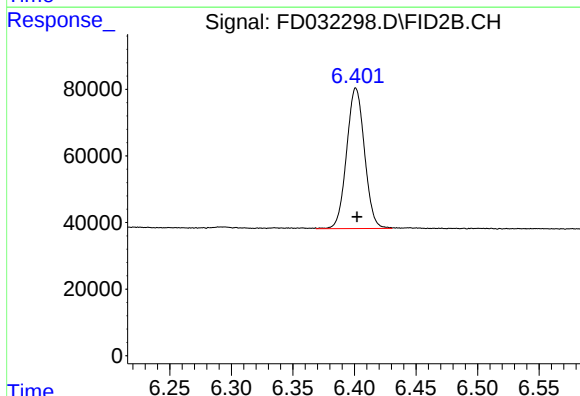
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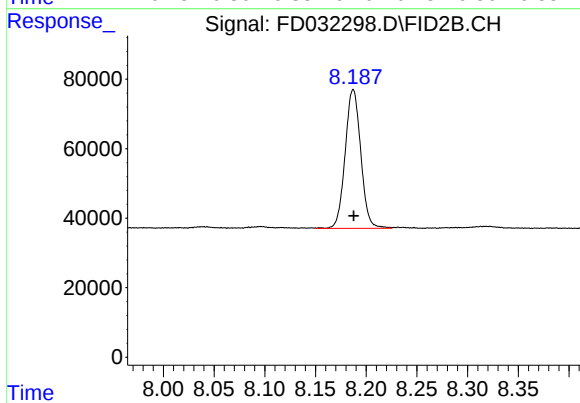
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 342722
Conc: 2.53 ug/ml m



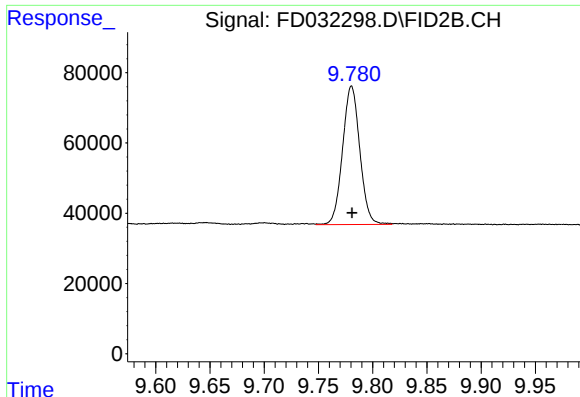
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 426427
Conc: 3.12 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 427624
Conc: 3.10 ug/ml m



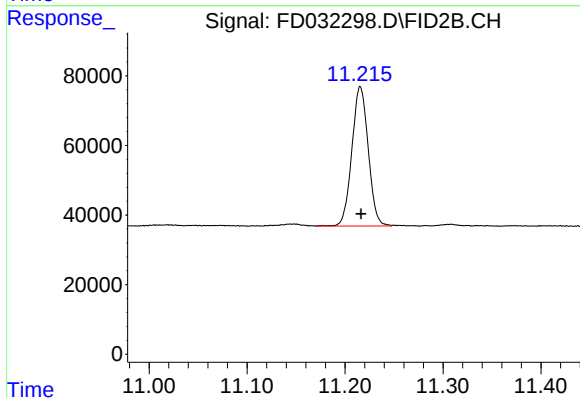
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 436294
Conc: 3.17 ug/ml m

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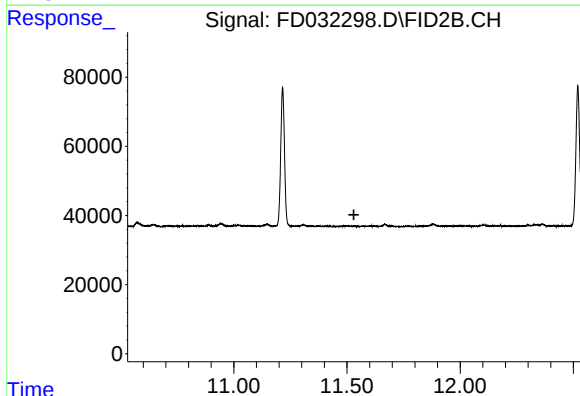
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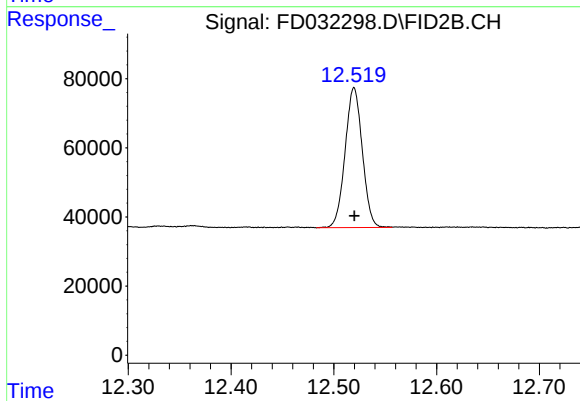
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 464932
Conc: 3.36 ug/ml m



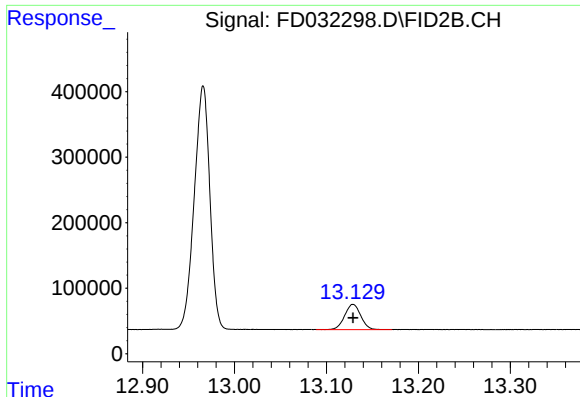
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 470839
Conc: 3.40 ug/ml m



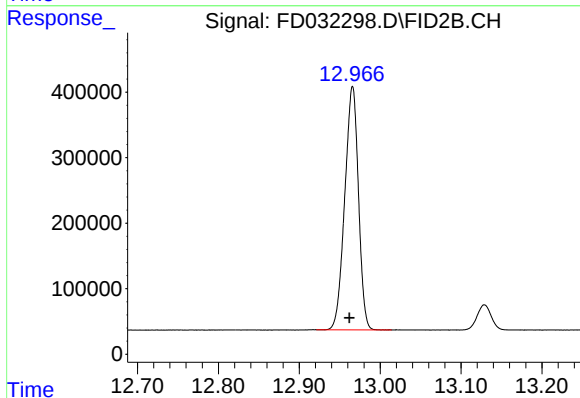
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 467587
Conc: 3.34 ug/ml m

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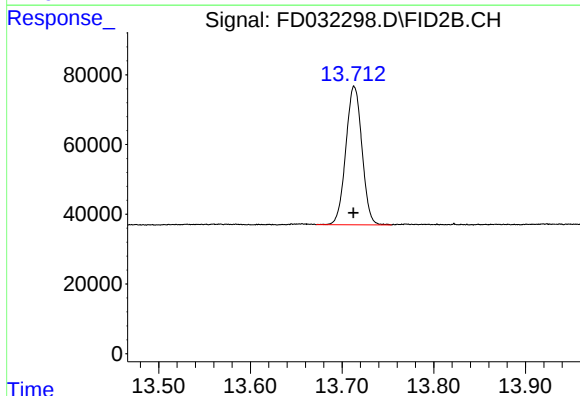
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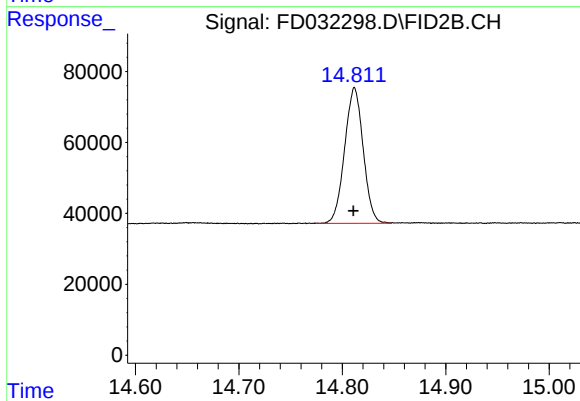
#12 1-chlorooctadecane (SURR)

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



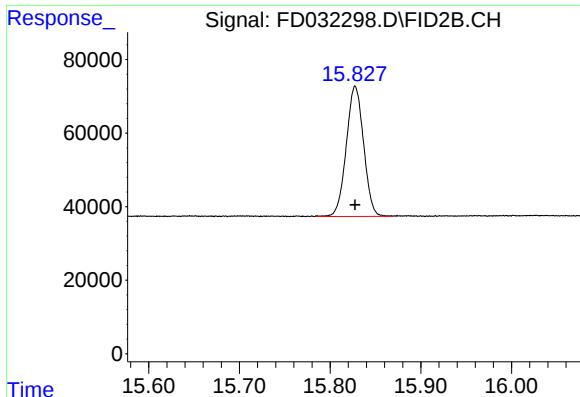
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 485660
Conc: 3.50 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: 0.000 min
Response: 477869
Conc: 3.44 ug/ml m



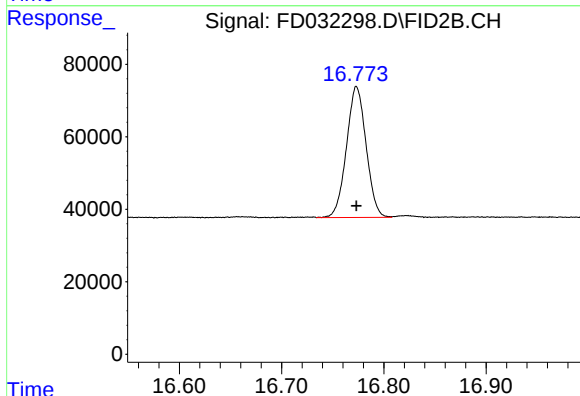
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: 0.000 min
Response: 470023
Conc: 3.43 ug/ml m

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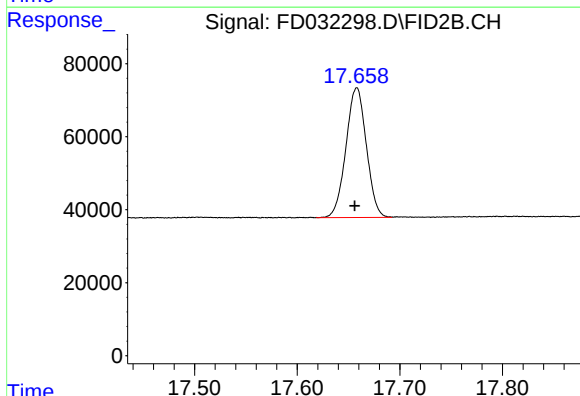
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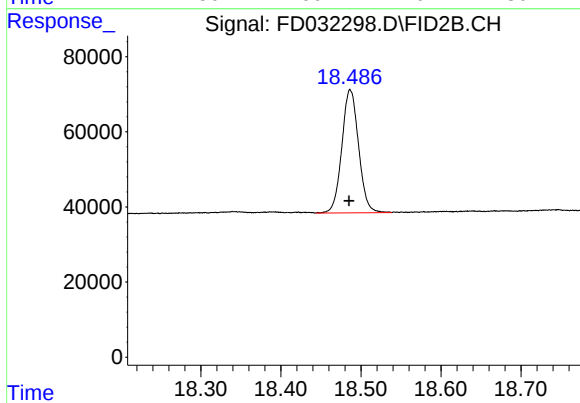
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 481726
Conc: 3.59 ug/ml m



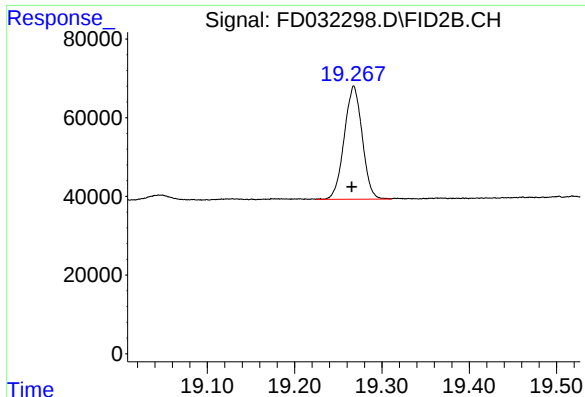
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 491914
Conc: 3.82 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 477502
Conc: 4.29 ug/ml m



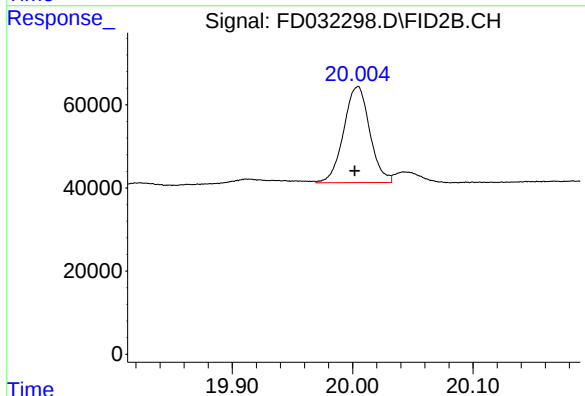
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 411217
Conc: 4.45 ug/ml m

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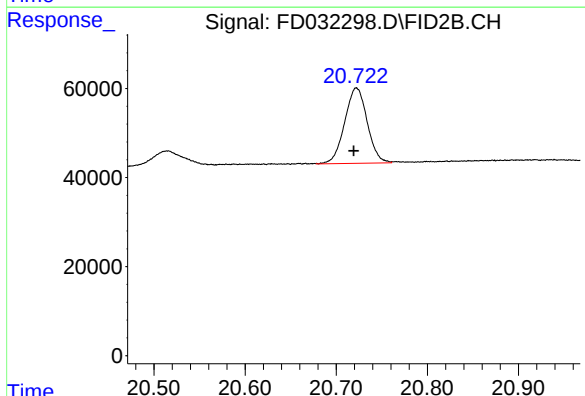
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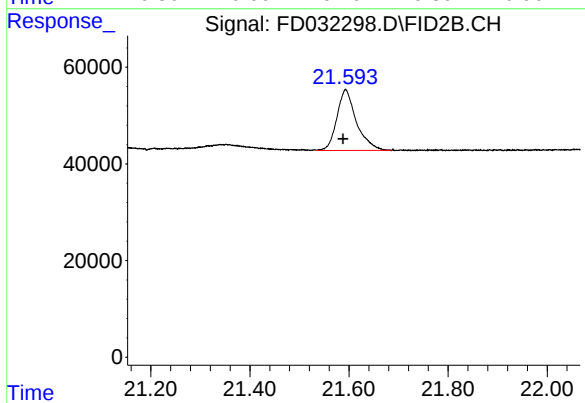
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.003 min
Response: 347958
Conc: 3.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 290593
Conc: 3.77 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.005 min
Response: 343517
Conc: 3.88 ug/ml m