

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032300.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 12:31
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 2.5 PPM-WATER
 ALS Vial : 58 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:48 AM

Integration File: autoint1.e
 Quant Time: Feb 07 05:59:42 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...	12.963	2615448	22.152 ug/ml
Spiked Amount 50.000		Recovery =	44.30%
Target Compounds			
1) T n-Nonane (C9)	3.332	139262	1.029 ug/mlm
2) T n-Decane (C10)	4.393	170812	1.261 ug/mlm
4) T n-Dodecane (C12)	6.400	233935	1.710 ug/mlm
6) T n-Tetradecane (C14)	8.186	224399	1.626 ug/mlm
7) T n-Hexadecane (C16)	9.779	210727	1.529 ug/mlm
8) T n-Octadecane (C18)	11.215	220937	1.597 ug/mlm
10) T n-Eicosane (C20)	12.519	231646	1.673 ug/mlm
11) T n-Heneicosane (C21)	13.128	229007	1.638 ug/mlm
13) T n-Docosane (C22)	13.713	246177	1.774 ug/mlm
14) T n-Tetracosane (C24)	14.811	240474	1.732 ug/mlm
15) T n-Hexacosane (C26)	15.827	235052	1.717 ug/mlm
16) T n-Octacosane (C28)	16.773	251681	1.877 ug/mlm
17) T n-Tricontane (C30)	17.656	266476	2.071 ug/mlm
18) T n-Dotriacontane (C32)	18.486	263994	2.371 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	220080	2.381 ug/mlm
20) T n-Hexatriacontane (C36)	20.004	224835	2.546 ug/mlm
21) T n-Octatriacontane (C38)	20.723	154224	2.000 ug/mlm
22) T n-Tetracontane (C40)	21.592	169385	1.913 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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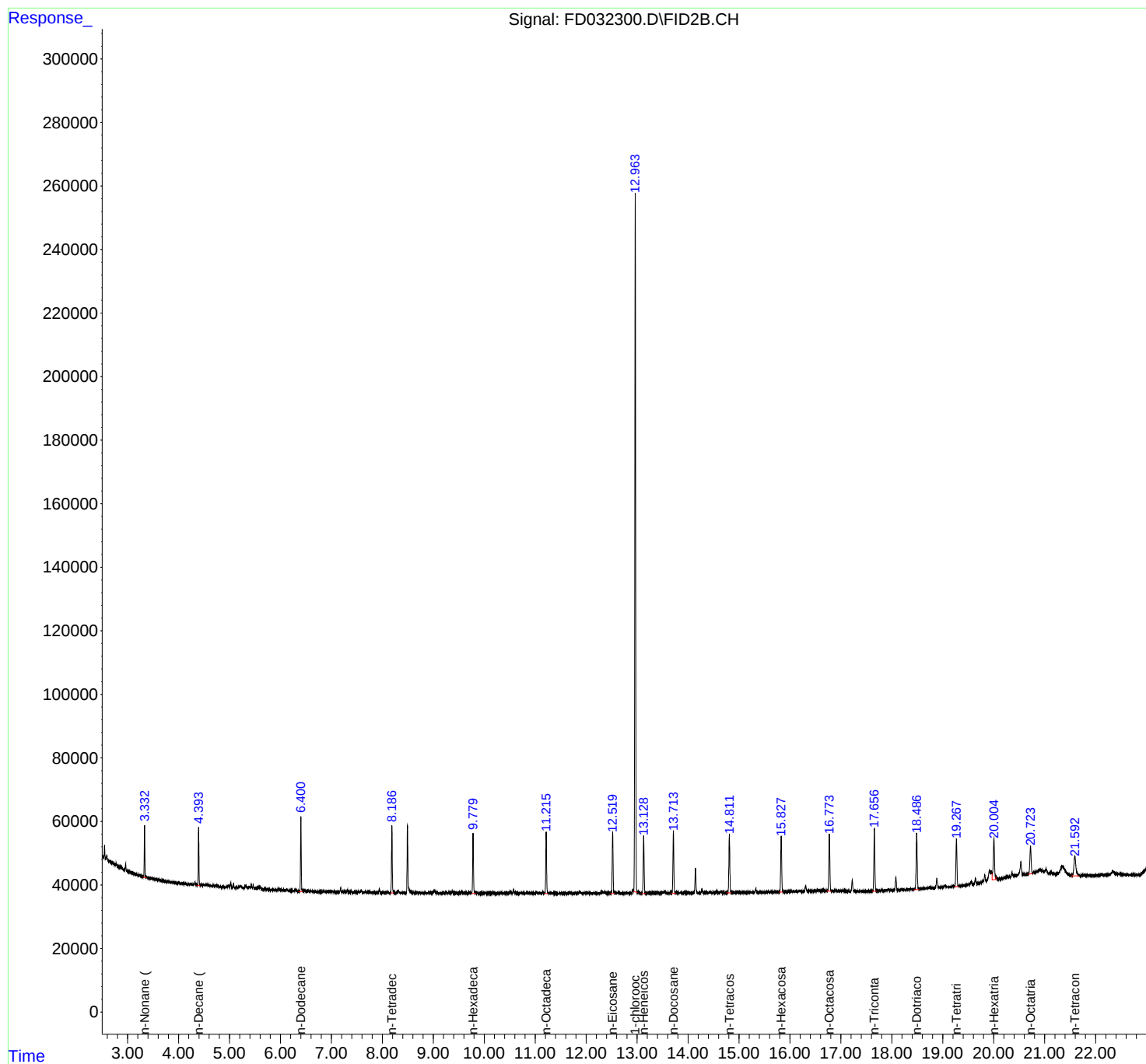
Instrument :
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LOD-MDL-WATER-01-QT1-2020

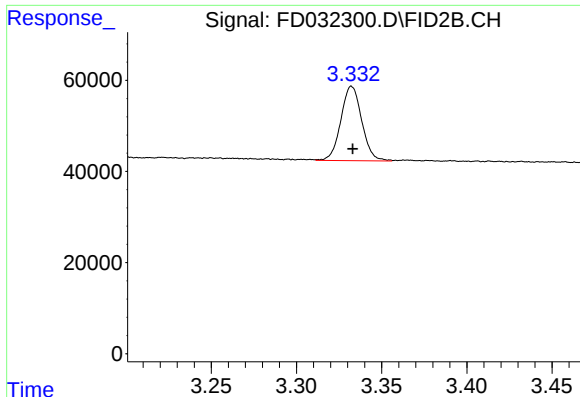
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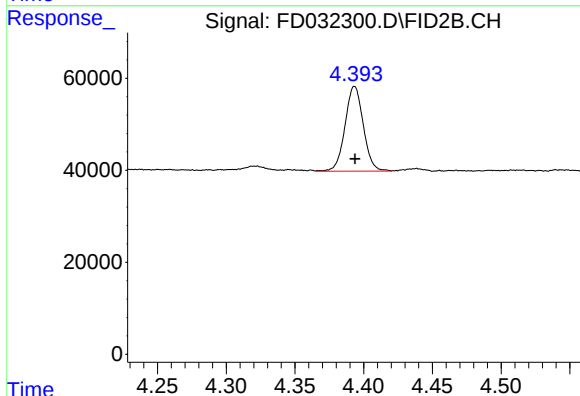
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 139262
Conc: 1.03 ug/ml m

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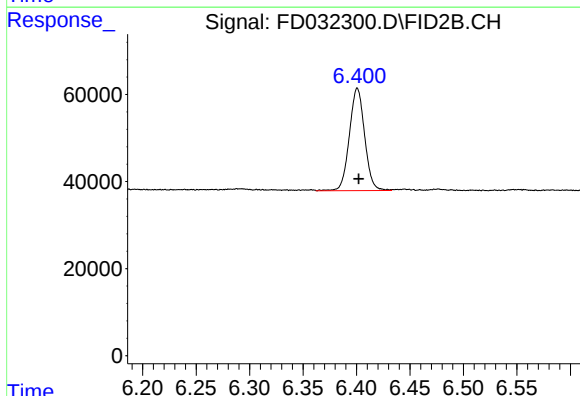
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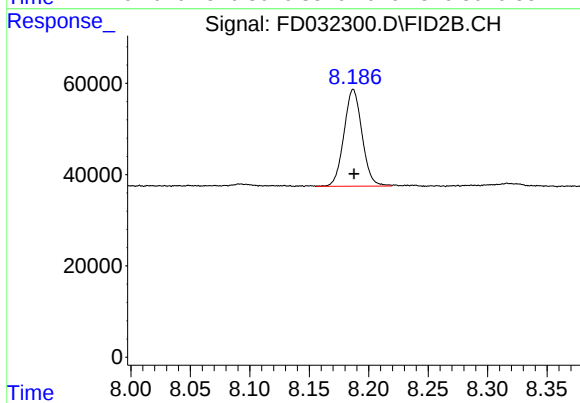
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 170812
Conc: 1.26 ug/ml m



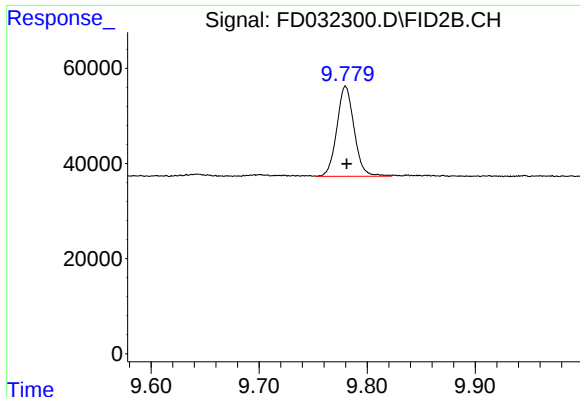
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 233935
Conc: 1.71 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 224399
Conc: 1.63 ug/ml m



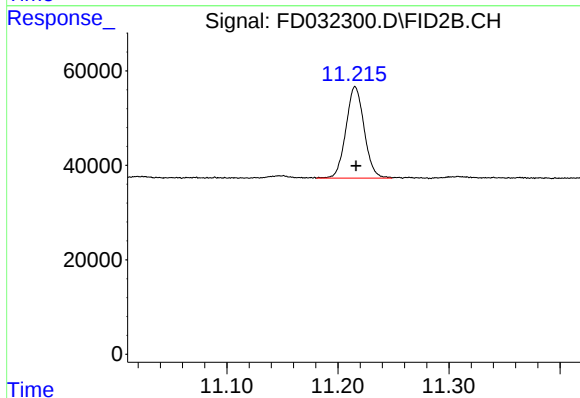
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.002 min
Response: 210727
Conc: 1.53 ug/ml m

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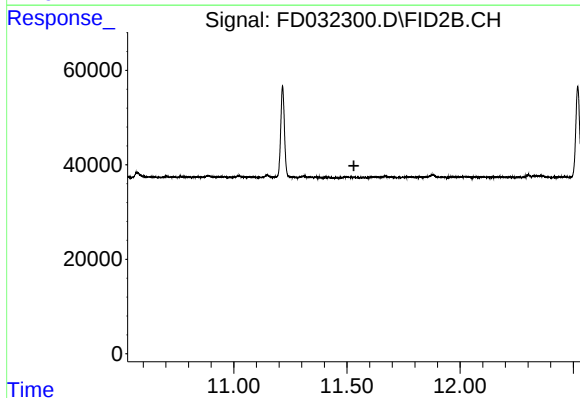
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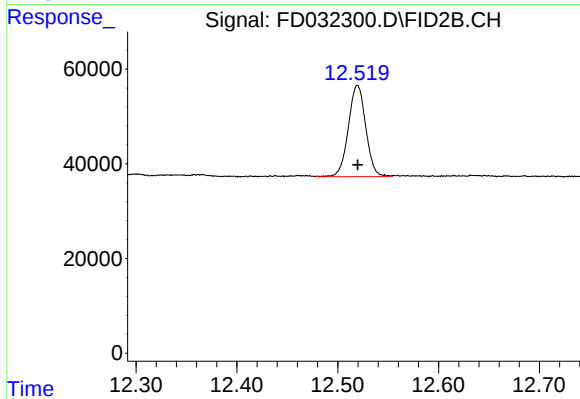
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 220937
Conc: 1.60 ug/ml m



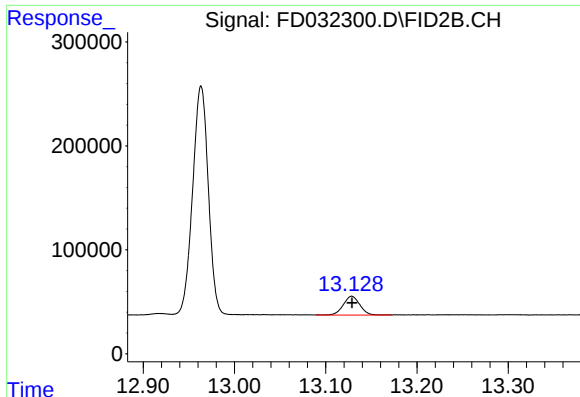
#9 ortho-Terphenyl (SURR)

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: 231646
Conc: 1.67 ug/ml m



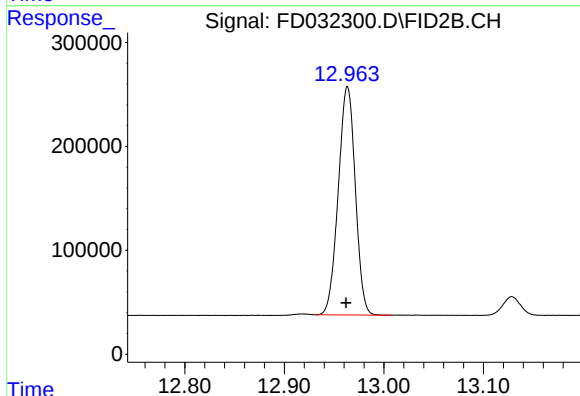
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 229007
Conc: 1.64 ug/ml m

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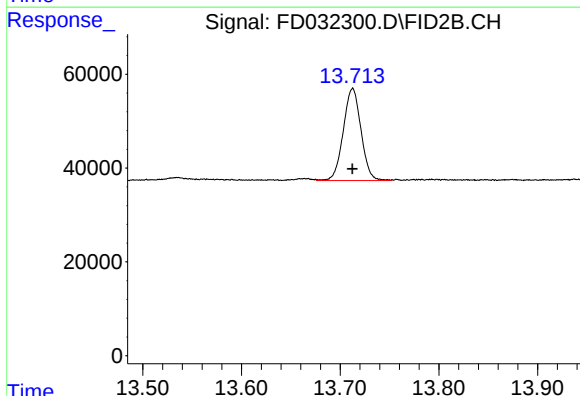
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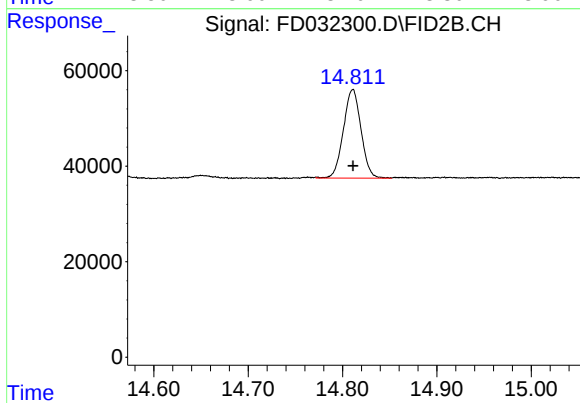
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2615448
Conc: 22.15 ug/ml



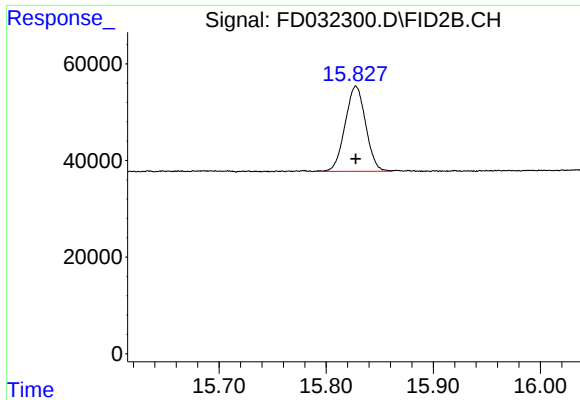
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 246177
Conc: 1.77 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: 0.000 min
Response: 240474
Conc: 1.73 ug/ml m



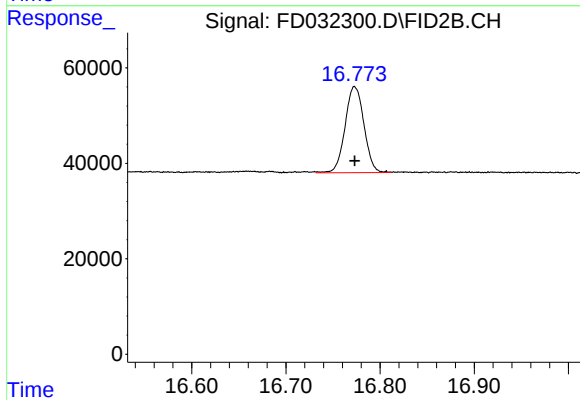
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: 0.000 min
Response: 235052
Conc: 1.72 ug/ml m

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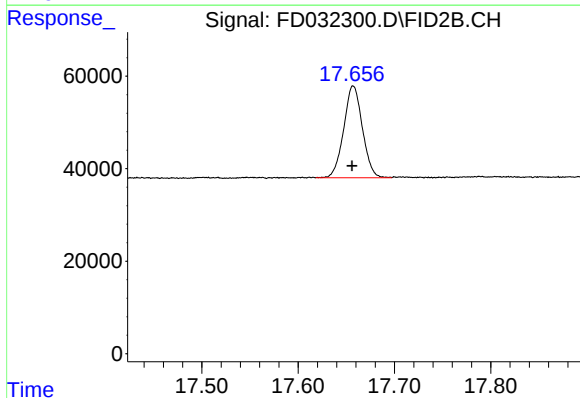
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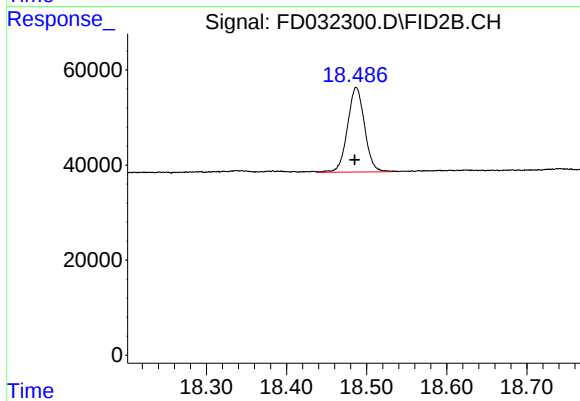
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 251681
Conc: 1.88 ug/ml m



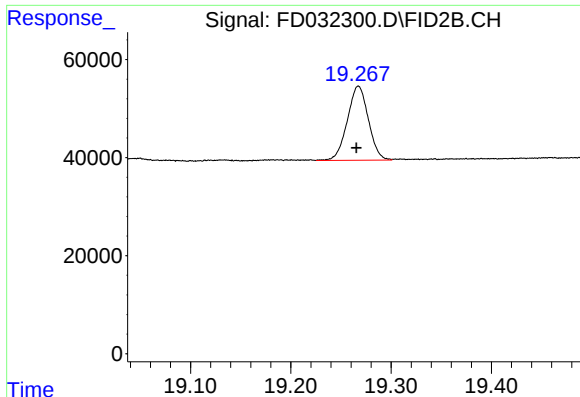
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.000 min
Response: 266476
Conc: 2.07 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 263994
Conc: 2.37 ug/ml m



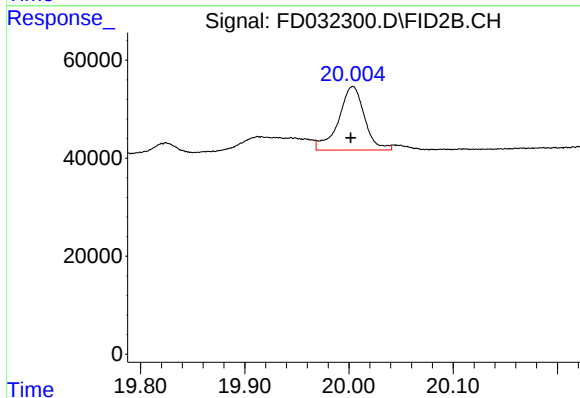
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 220080
Conc: 2.38 ug/ml m

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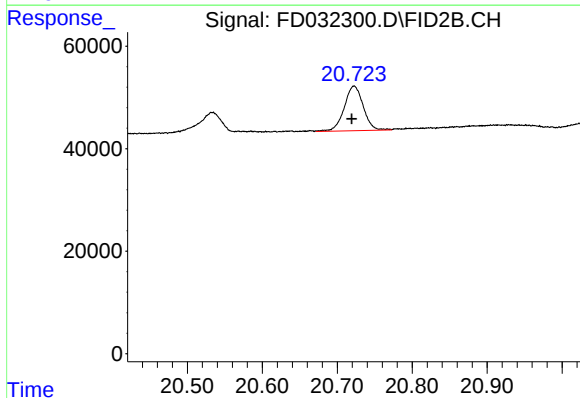
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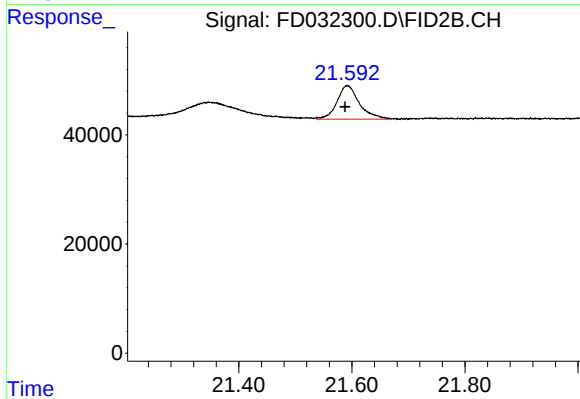
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.002 min
Response: 224835
Conc: 2.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.003 min
Response: 154224
Conc: 2.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.004 min
Response: 169385
Conc: 1.91 ug/ml m