

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032297.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 10:42
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 2.5 PPM-SOIL
 ALS Vial : 55 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:41 AM

Integration File: autoint1.e
 Quant Time: Feb 07 05:58:58 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	2632632	22.298 ug/ml
Spiked Amount 50.000		Recovery =	44.60%
Target Compounds			
1) T n-Nonane (C9)	3.332	140273	1.037 ug/mlm
2) T n-Decane (C10)	4.393	168141	1.242 ug/mlm
4) T n-Dodecane (C12)	6.401	231789	1.694 ug/mlm
6) T n-Tetradecane (C14)	8.186	223899	1.622 ug/mlm
7) T n-Hexadecane (C16)	9.780	209687	1.522 ug/mlm
8) T n-Octadecane (C18)	11.215	222136	1.606 ug/mlm
10) T n-Eicosane (C20)	12.518	232605	1.679 ug/mlm
11) T n-Heneicosane (C21)	13.127	224160	1.603 ug/mlm
13) T n-Docosane (C22)	13.711	243584	1.756 ug/mlm
14) T n-Tetracosane (C24)	14.810	241050	1.736 ug/mlm
15) T n-Hexacosane (C26)	15.828	236200	1.726 ug/mlm
16) T n-Octacosane (C28)	16.774	253284	1.889 ug/mlm
17) T n-Tricontane (C30)	17.658	267533	2.079 ug/mlm
18) T n-Dotriacontane (C32)	18.486	263248	2.364 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	216584	2.343 ug/mlm
20) T n-Hexatriacontane (C36)	20.003	177442	2.009 ug/mlm
21) T n-Octatriacontane (C38)	20.722	154960	2.010 ug/mlm
22) T n-Tetracontane (C40)	21.593	189446	2.139 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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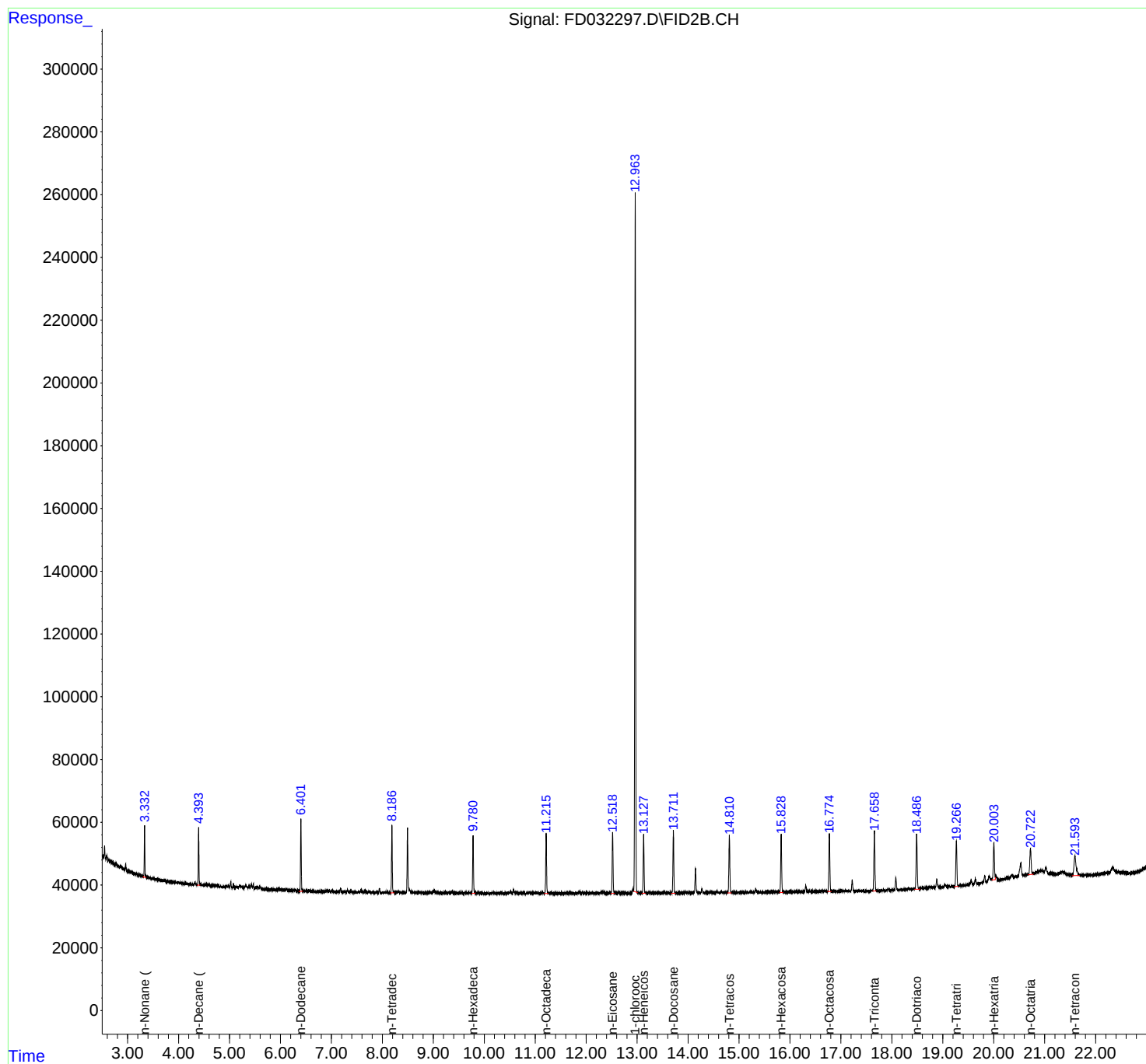
Instrument :
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LOD-MDL-SOIL-01-QT1-2020

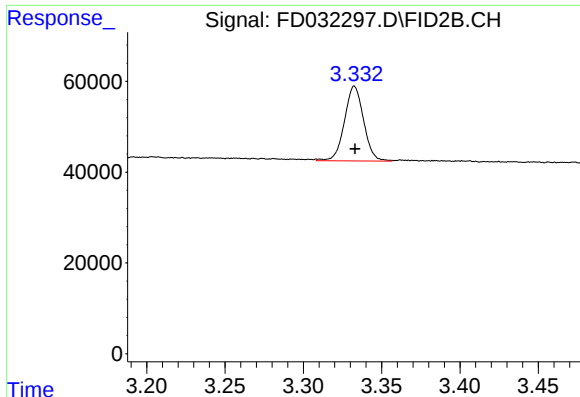
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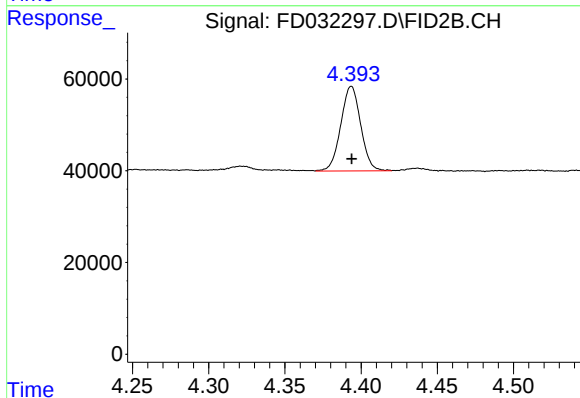
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 140273
Conc: 1.04 ug/ml m

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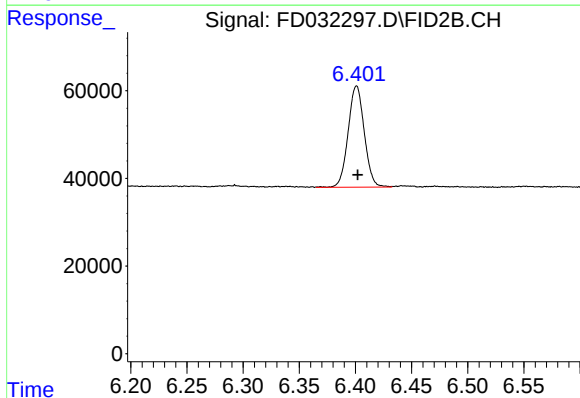
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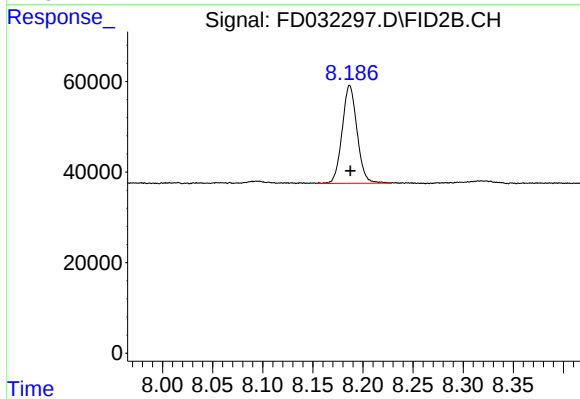
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 168141
Conc: 1.24 ug/ml m



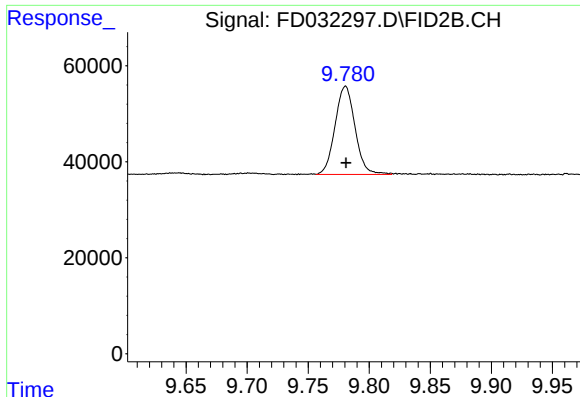
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 231789
Conc: 1.69 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 223899
Conc: 1.62 ug/ml m



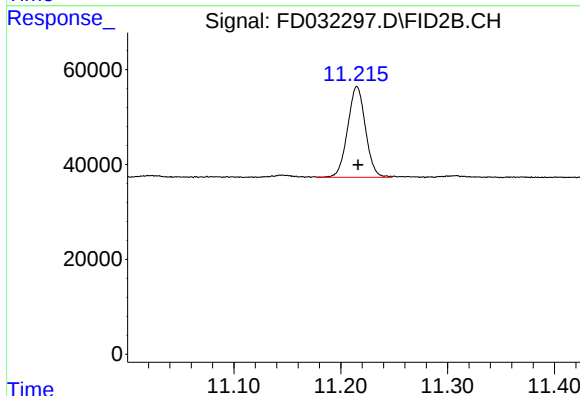
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 209687
Conc: 1.52 ug/ml m

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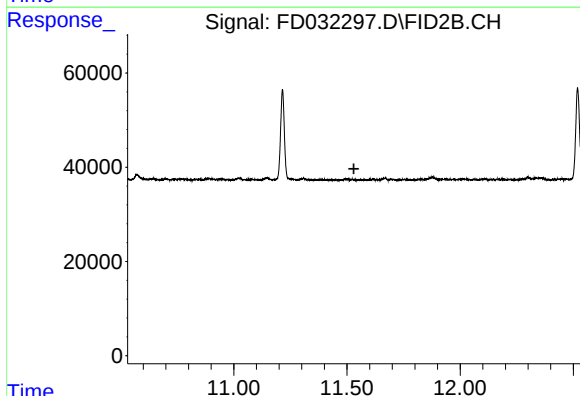
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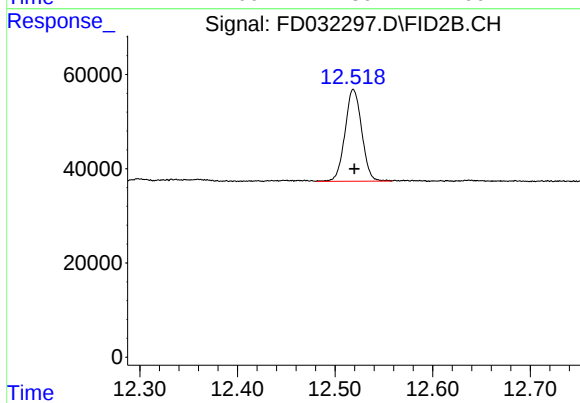
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.002 min
Response: 222136
Conc: 1.61 ug/ml m



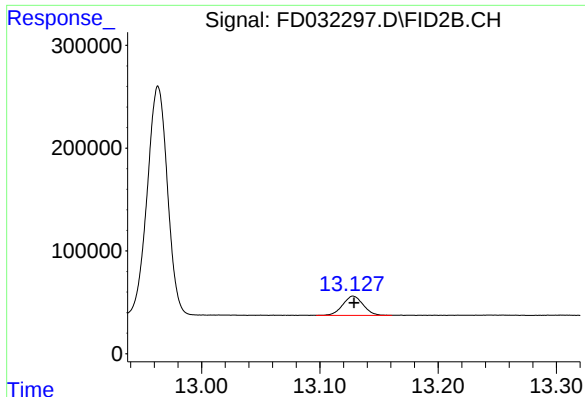
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.001 min
Response: 232605
Conc: 1.68 ug/ml m



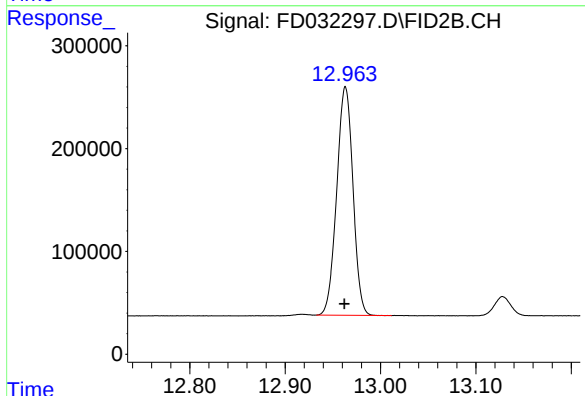
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 224160
Conc: 1.60 ug/ml m

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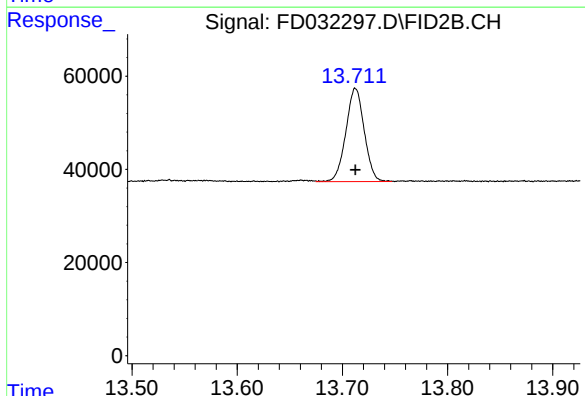
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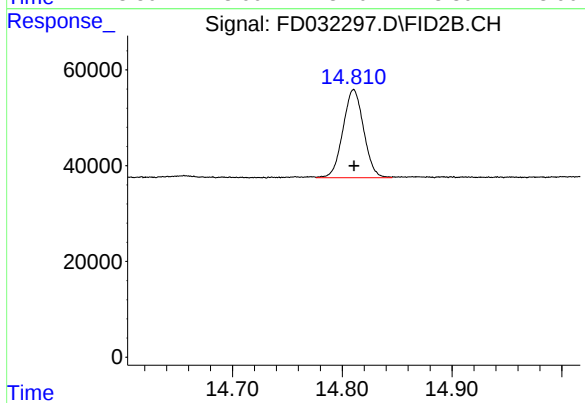
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2632632
Conc: 22.30 ug/ml



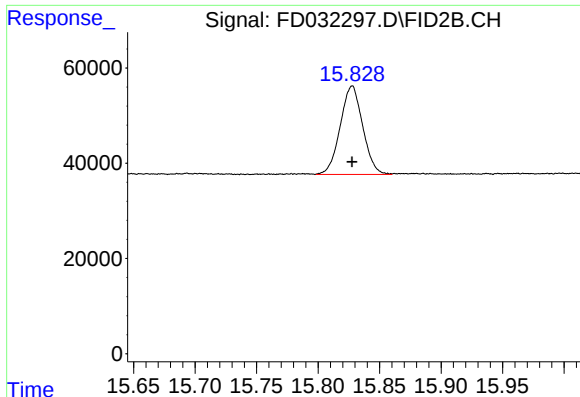
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: 0.000 min
Response: 243584
Conc: 1.76 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 241050
Conc: 1.74 ug/ml m



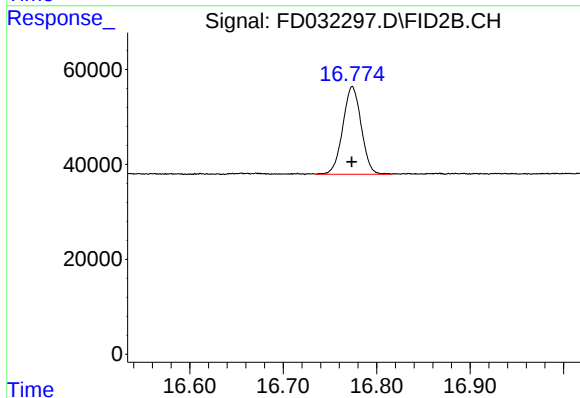
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 236200
Conc: 1.73 ug/ml m

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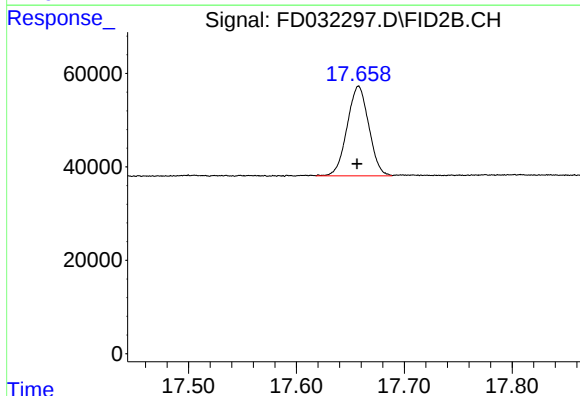
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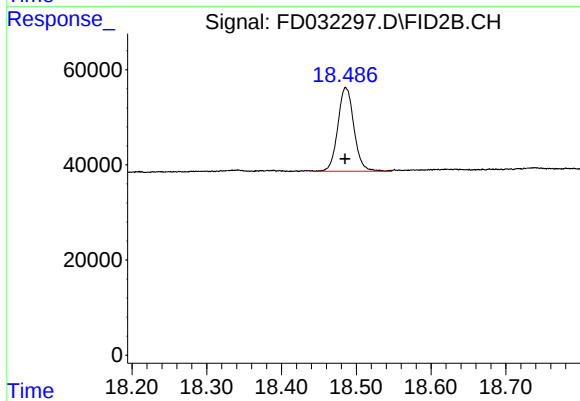
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 253284
Conc: 1.89 ug/ml m



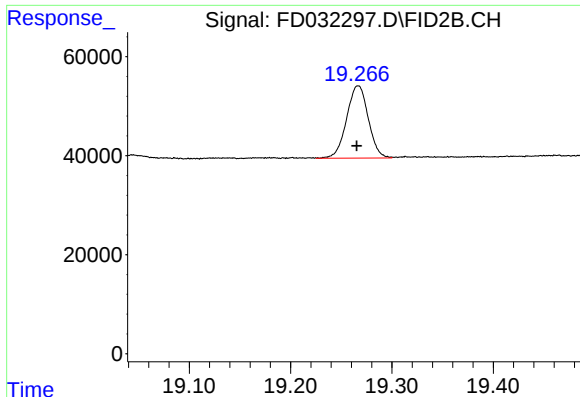
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 267533
Conc: 2.08 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 263248
Conc: 2.36 ug/ml m



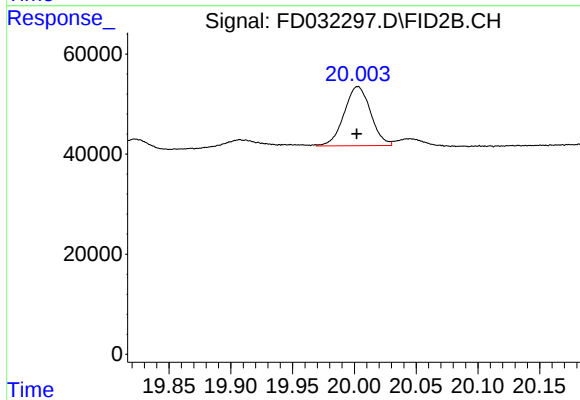
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.000 min
Response: 216584
Conc: 2.34 ug/ml m

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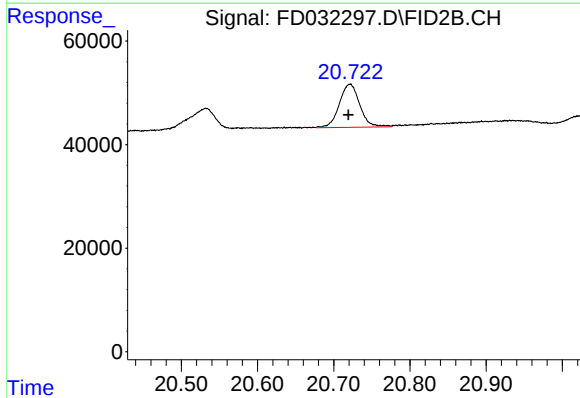
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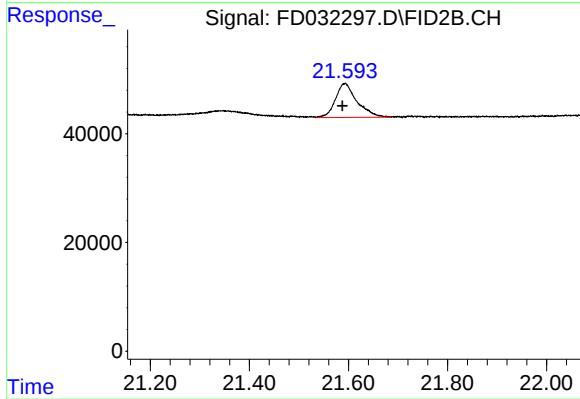
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.001 min
Response: 177442
Conc: 2.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 154960
Conc: 2.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.005 min
Response: 189446
Conc: 2.14 ug/ml m