

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040721AL\
 Data File : FD036761.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2021 12:35
 Operator : DD\AJ
 Sample : M1458-09
 Misc : MDL-WATER- 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
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Integration File: sample.E
 Quant Time: Apr 08 03:09:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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...	12.922	5196485	44.651 ug/ml
Spiked Amount 50.000		Recovery =	89.30%
Target Compounds			
1) T n-Nonane (C9)	3.288	302712	2.381 ug/ml
2) T n-Decane (C10)	4.348	307792	2.389 ug/ml
4) T n-Dodecane (C12)	6.357	316835	2.390 ug/ml
6) T n-Tetradecane (C14)	8.144	322750	2.375 ug/ml
7) T n-Hexadecane (C16)	9.738	320868	2.409 ug/ml
8) T n-Octadecane (C18)	11.173	335747	2.424 ug/ml
10) T n-Eicosane (C20)	12.476	316456	2.289 ug/ml
11) T n-Heneicosane (C21)	13.084	310017	2.252 ug/ml
13) T n-Docosane (C22)	13.668	300062	2.206 ug/ml
14) T n-Tetracosane (C24)	14.765	289476	2.183 ug/ml
15) T n-Hexacosane (C26)	15.779	273907	2.163 ug/ml
16) T n-Octacosane (C28)	16.724	278185	2.307 ug/ml
17) T n-Tricontane (C30)	17.606	306936	2.672 ug/ml
18) T n-Dotriacontane (C32)	18.434	316203	2.875 ug/ml
19) T n-Tetratriacontane (C34)	19.211	288258	2.807 ug/ml
20) T n-Hexatriacontane (C36)	19.946	262601	2.688 ug/mlm
21) T n-Octatriacontane (C38)	20.655	234597	2.537 ug/ml
22) T n-Tetracontane (C40)	21.505	264942	2.627 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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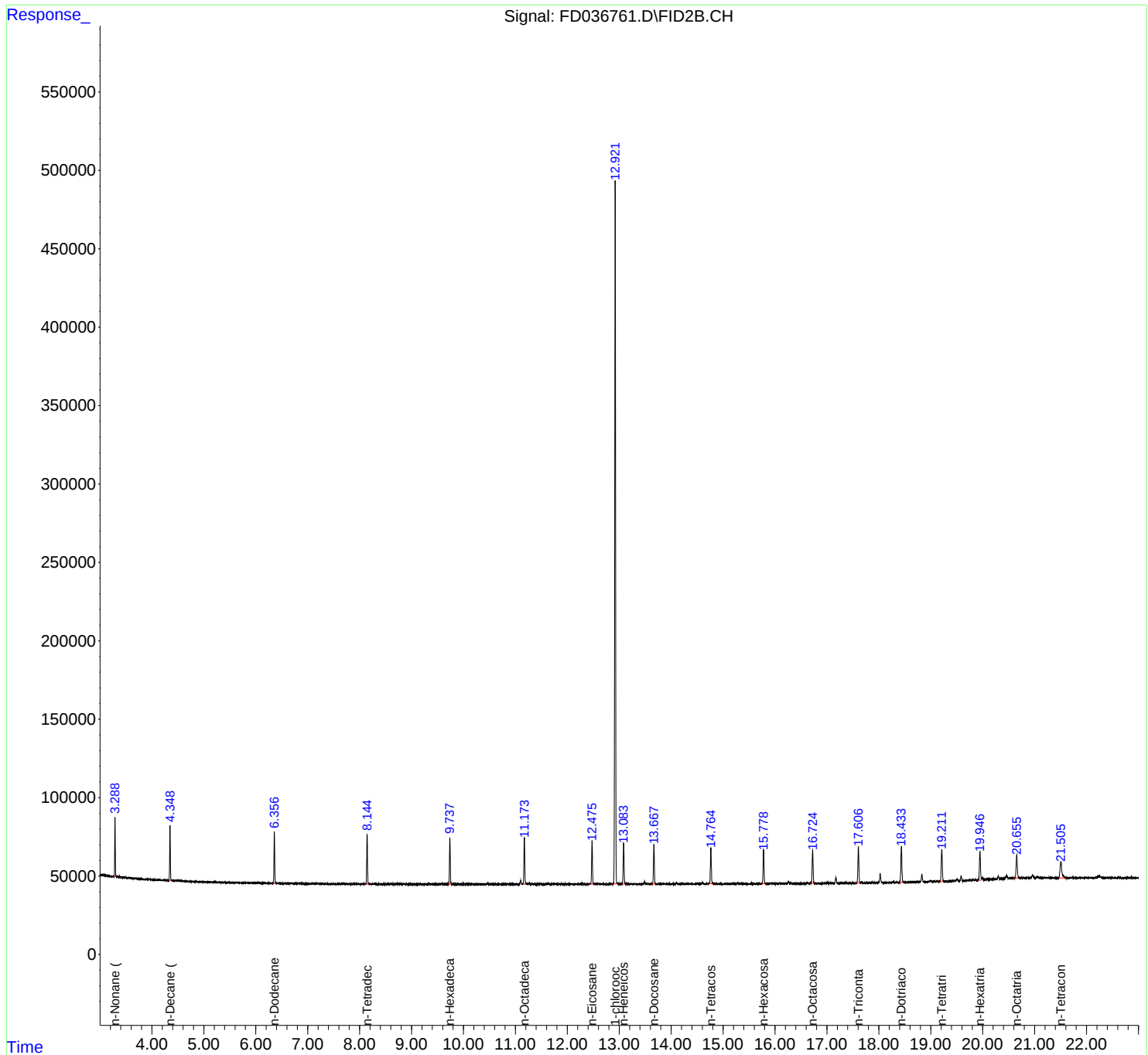
Instrument :
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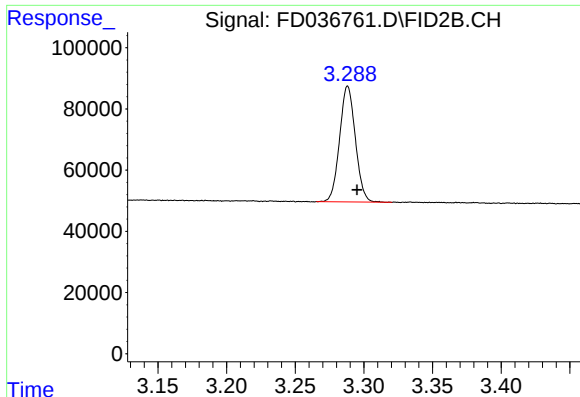
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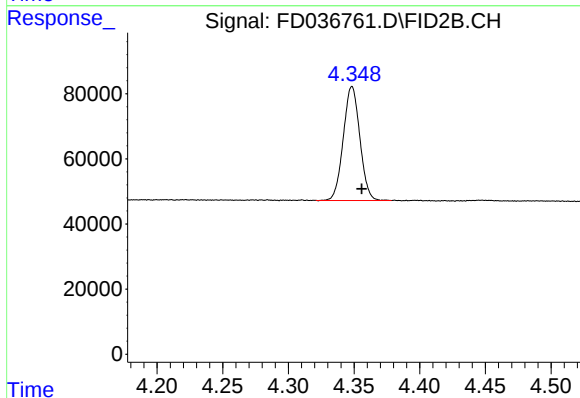
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 302712
Conc: 2.38 ug/ml

Instrument :
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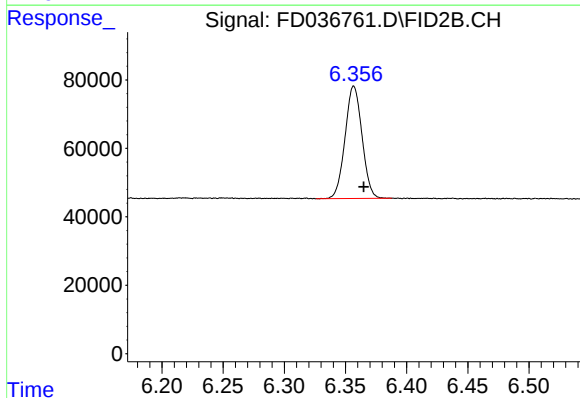
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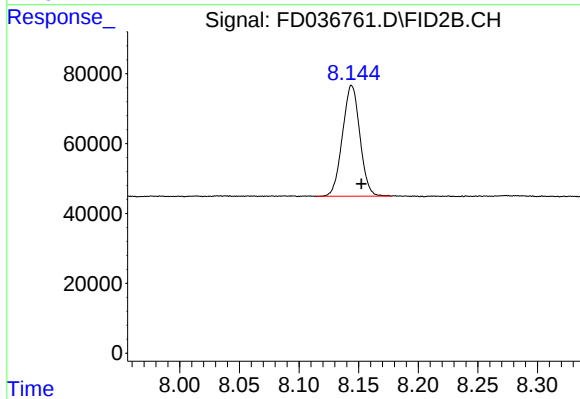
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.007 min
Response: 307792
Conc: 2.39 ug/ml



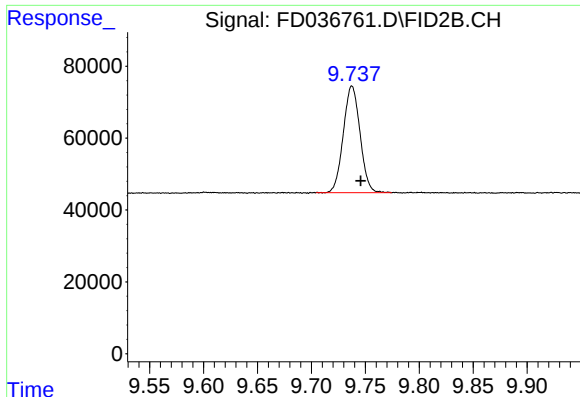
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.008 min
Response: 316835
Conc: 2.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 322750
Conc: 2.37 ug/ml



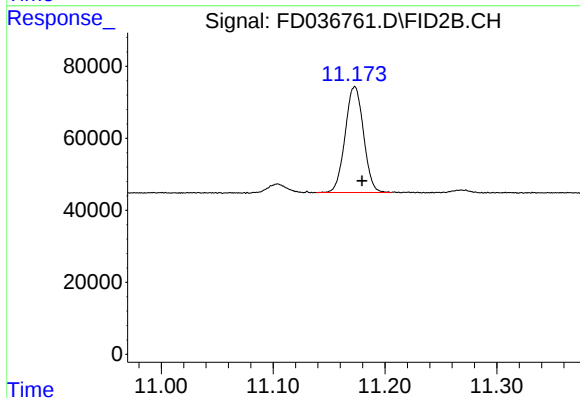
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.008 min
Response: 320868
Conc: 2.41 ug/ml

Instrument :
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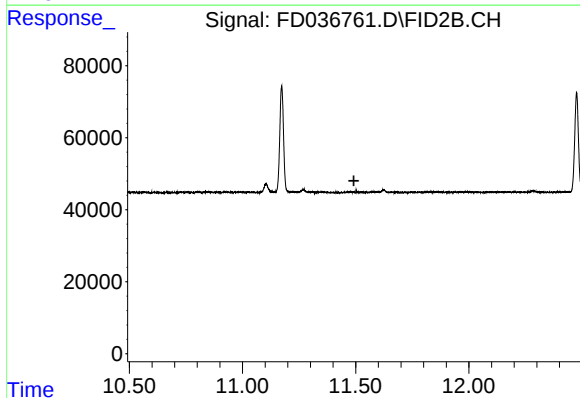
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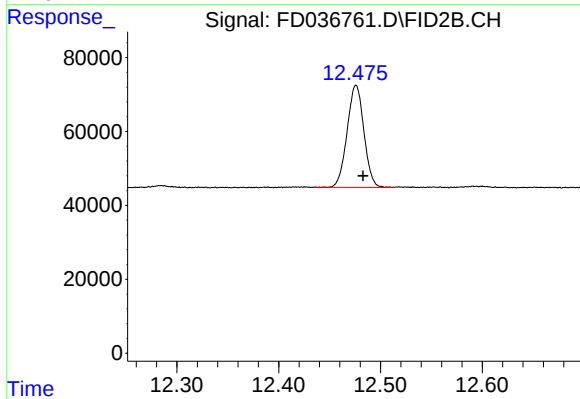
#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: -0.006 min
Response: 335747
Conc: 2.42 ug/ml



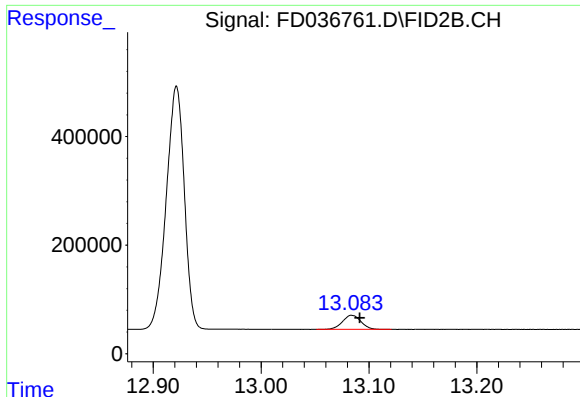
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.492 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 316456
Conc: 2.29 ug/ml



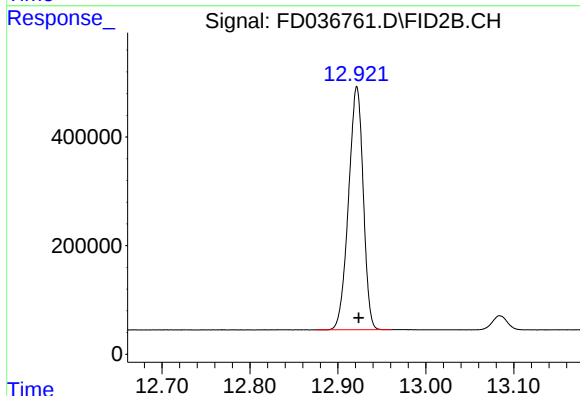
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 310017
Conc: 2.25 ug/ml

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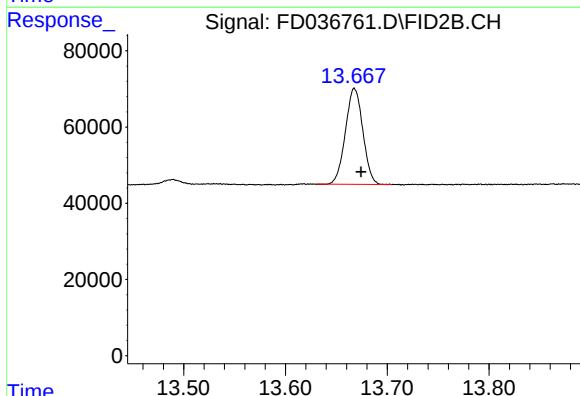
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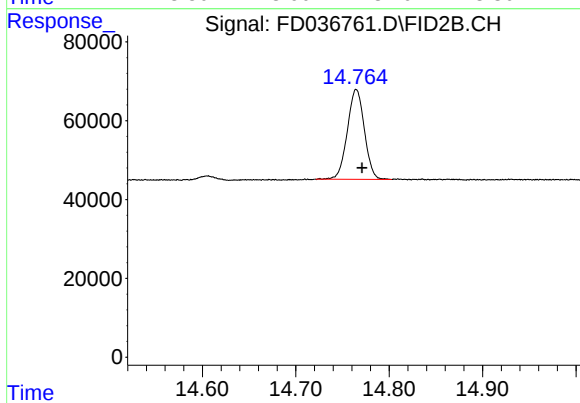
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 5196485
Conc: 44.65 ug/ml



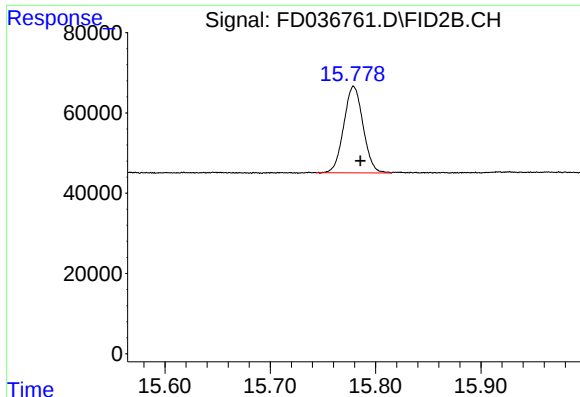
#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.006 min
Response: 300062
Conc: 2.21 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.006 min
Response: 289476
Conc: 2.18 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.779 min

Delta R.T.: -0.006 min

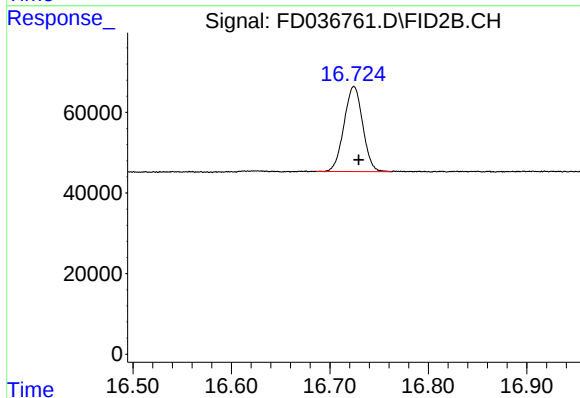
Response: 273907

Conc: 2.16 ug/ml

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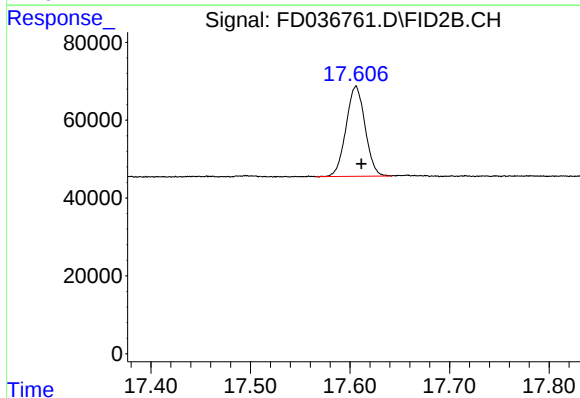
#16 n-Octacosane (C28)

R.T.: 16.724 min

Delta R.T.: -0.005 min

Response: 278185

Conc: 2.31 ug/ml



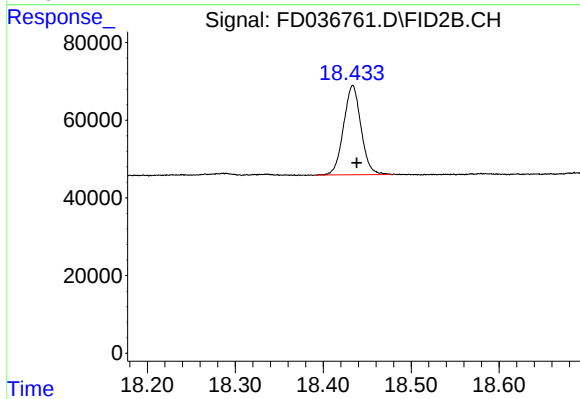
#17 n-Tricontane (C30)

R.T.: 17.606 min

Delta R.T.: -0.006 min

Response: 306936

Conc: 2.67 ug/ml



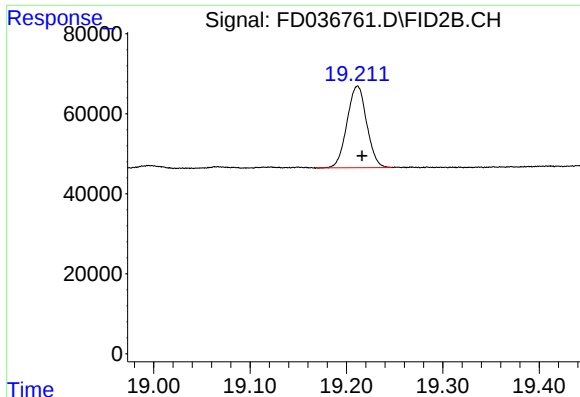
#18 n-Dotriacontane (C32)

R.T.: 18.434 min

Delta R.T.: -0.004 min

Response: 316203

Conc: 2.87 ug/ml



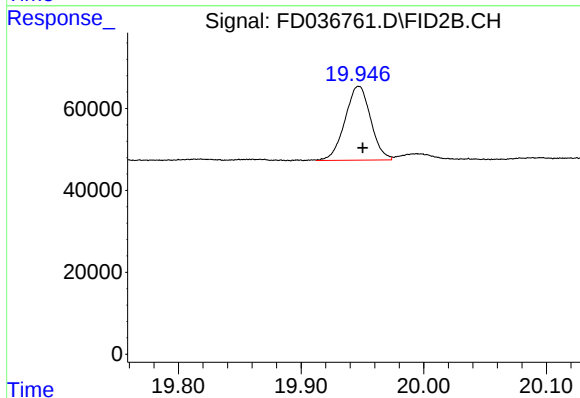
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min
Delta R.T.: -0.005 min
Response: 288258
Conc: 2.81 ug/ml

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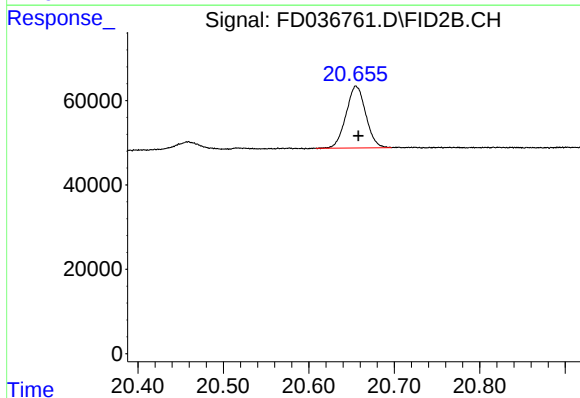
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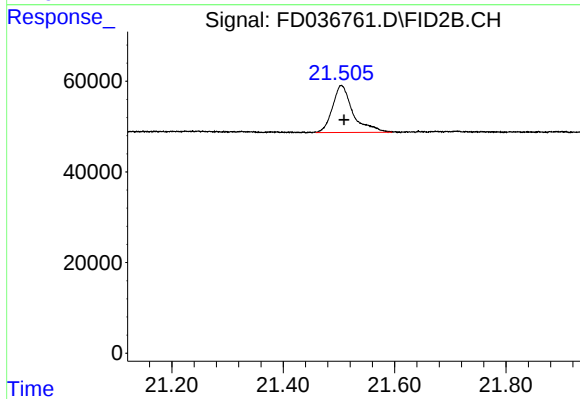
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.004 min
Response: 262601
Conc: 2.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.655 min
Delta R.T.: -0.003 min
Response: 234597
Conc: 2.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.005 min
Response: 264942
Conc: 2.63 ug/ml m