

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032302.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 13:44
 Operator : DD\AJ
 Sample : L1161-08
 Misc : LOQ 5 PPM-WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Manual Integrations
 APPROVED

Sohil
 2/10/2020 11:39:54 AM

Integration File: autoint1.e
 Quant Time: Feb 07 06:00:08 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...	12.964	3728185	31.577 ug/mlm
Spiked Amount 50.000		Recovery =	63.15%
Target Compounds			
1) T n-Nonane (C9)	3.331	323047	2.387 ug/mlm
2) T n-Decane (C10)	4.392	396002	2.924 ug/mlm
4) T n-Dodecane (C12)	6.400	483765	3.536 ug/mlm
6) T n-Tetradecane (C14)	8.187	473514	3.431 ug/mlm
7) T n-Hexadecane (C16)	9.781	480231	3.485 ug/mlm
8) T n-Octadecane (C18)	11.215	504470	3.647 ug/mlm
10) T n-Eicosane (C20)	12.519	508612	3.672 ug/mlm
11) T n-Heneicosane (C21)	13.129	506634	3.623 ug/mlm
13) T n-Docosane (C22)	13.713	526701	3.797 ug/mlm
14) T n-Tetracosane (C24)	14.811	524303	3.777 ug/mlm
15) T n-Hexacosane (C26)	15.827	514005	3.755 ug/mlm
16) T n-Octacosane (C28)	16.773	530688	3.958 ug/mlm
17) T n-Tricontane (C30)	17.657	544995	4.236 ug/mlm
18) T n-Dotriacontane (C32)	18.488	581888	5.226 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	447544	4.842 ug/mlm
20) T n-Hexatriacontane (C36)	20.003	387176	4.384 ug/mlm
21) T n-Octatriacontane (C38)	20.722	320373	4.155 ug/mlm
22) T n-Tetracontane (C40)	21.598	361786	4.085 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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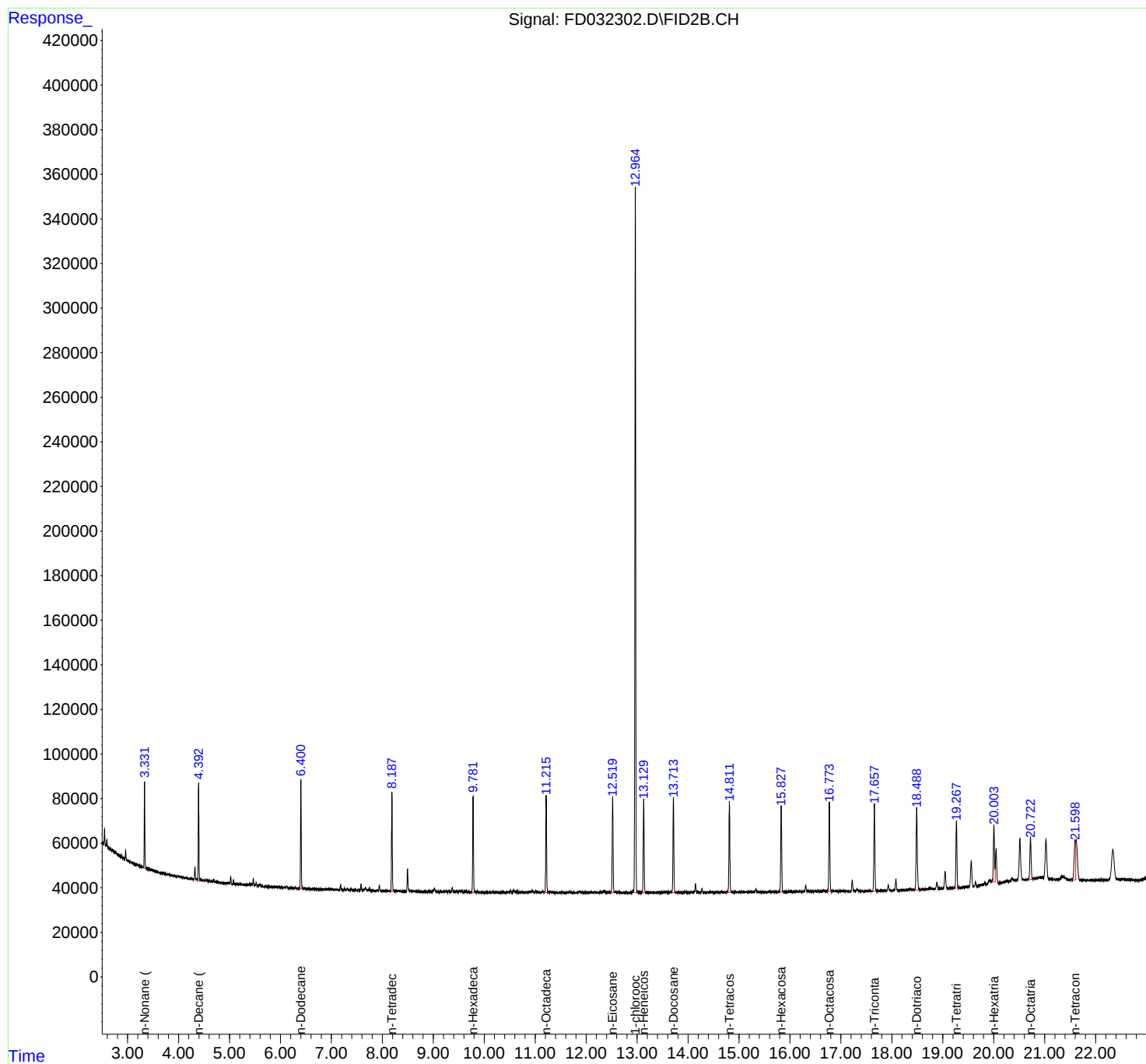
Instrument :
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LOQ-WATER-02-QT1-2020

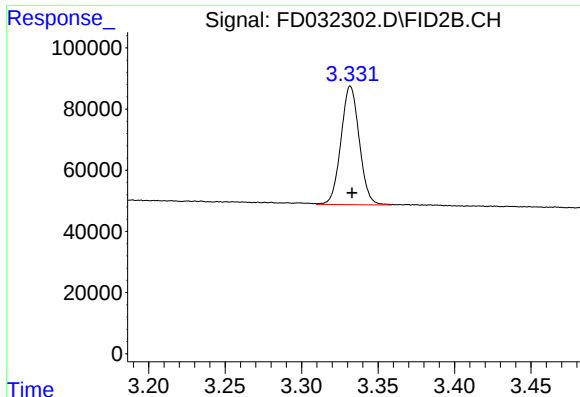
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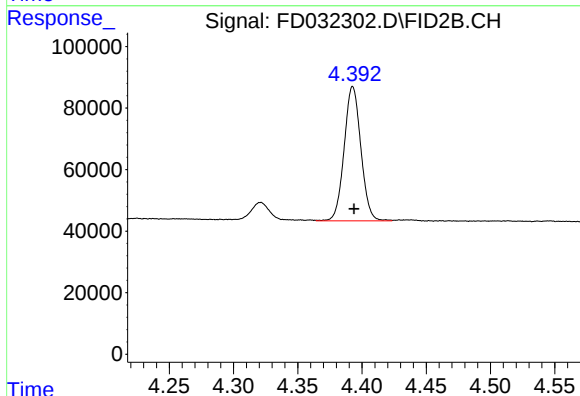
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 323047
Conc: 2.39 ug/ml m

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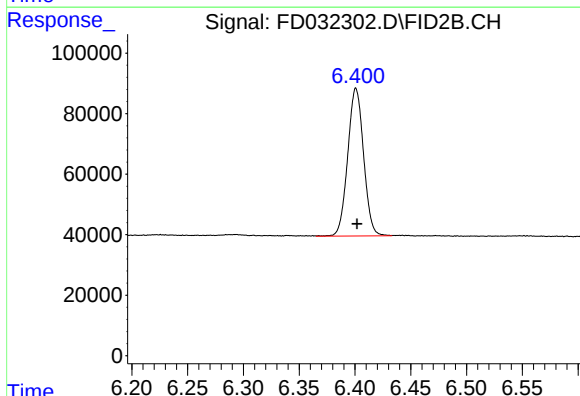
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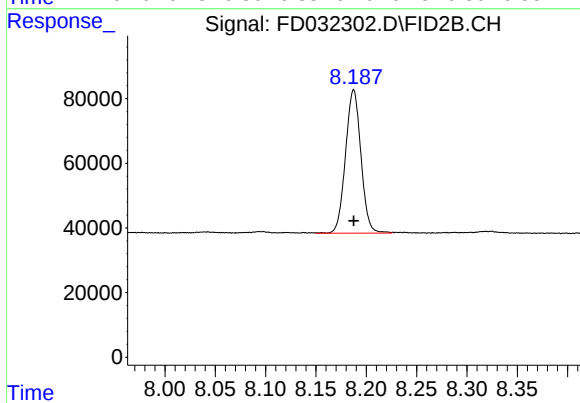
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.001 min
Response: 396002
Conc: 2.92 ug/ml m



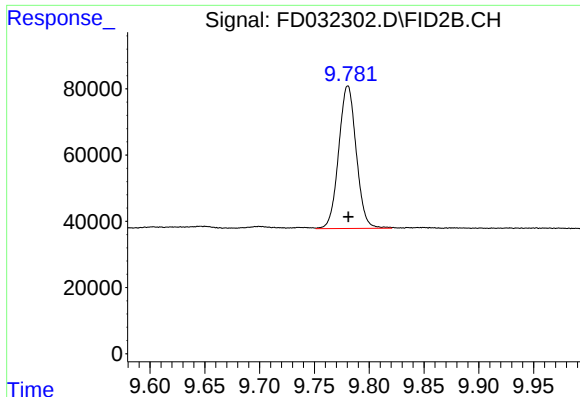
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 483765
Conc: 3.54 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 473514
Conc: 3.43 ug/ml m



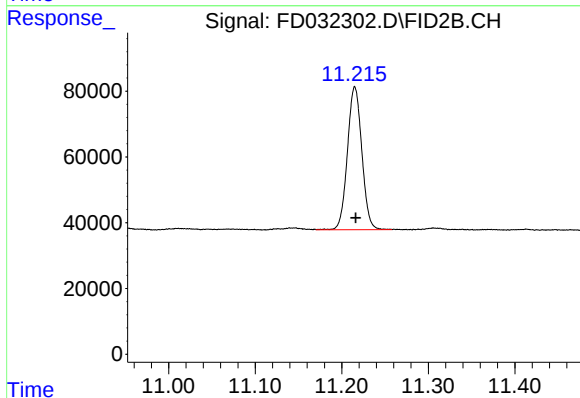
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 480231
Conc: 3.49 ug/ml m

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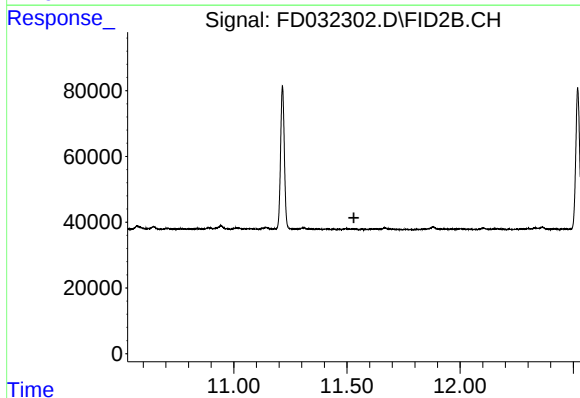
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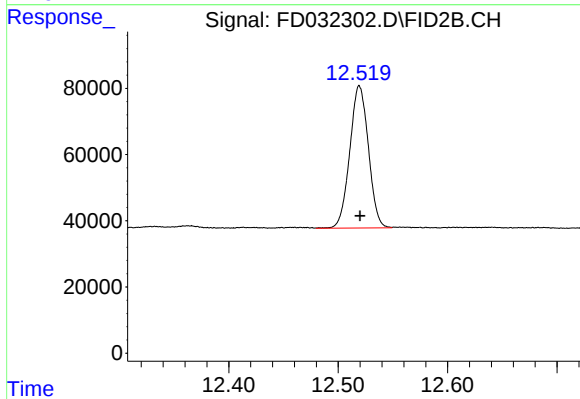
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.002 min
Response: 504470
Conc: 3.65 ug/ml m



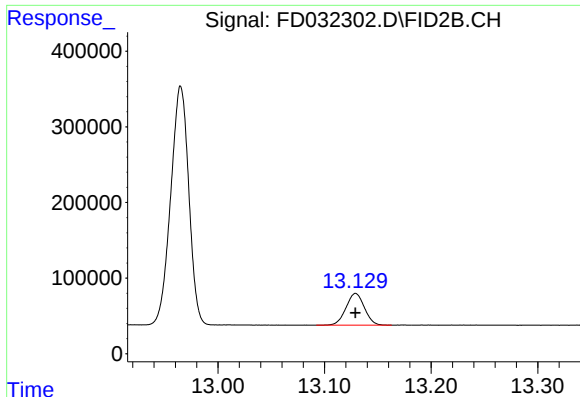
#9 ortho-Terphenyl (SURR)

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.: -0.001 min
Response: 508612
Conc: 3.67 ug/ml m



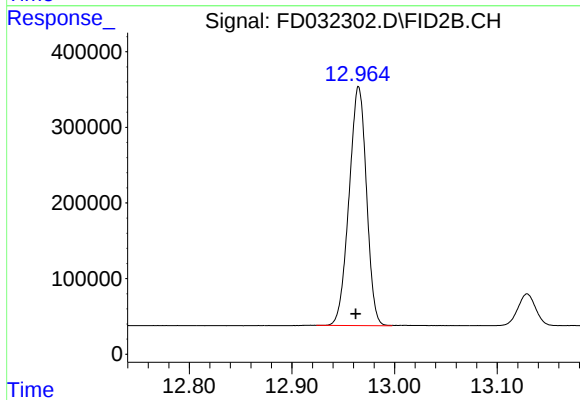
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 506634
Conc: 3.62 ug/ml m

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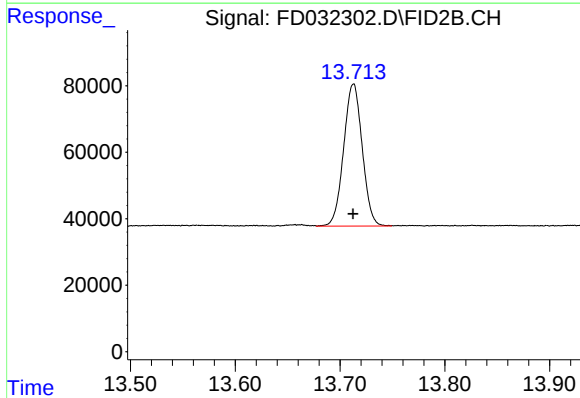
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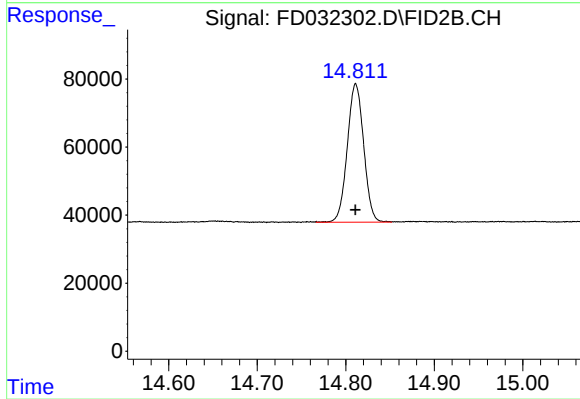
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: 0.002 min
Response: 3728185
Conc: 31.58 ug/ml m



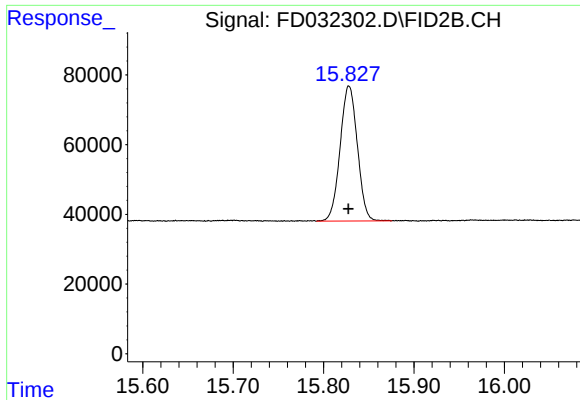
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 526701
Conc: 3.80 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: 0.000 min
Response: 524303
Conc: 3.78 ug/ml m



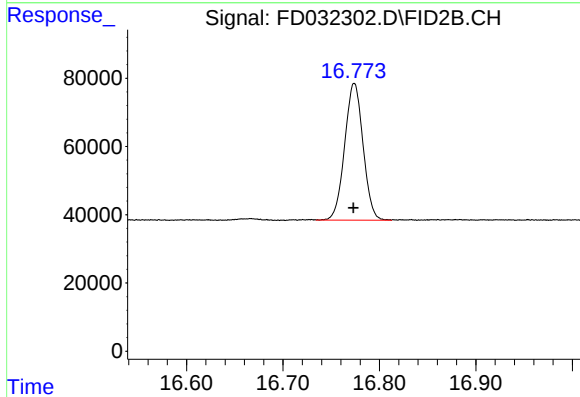
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: 0.000 min
Response: 514005
Conc: 3.76 ug/ml m

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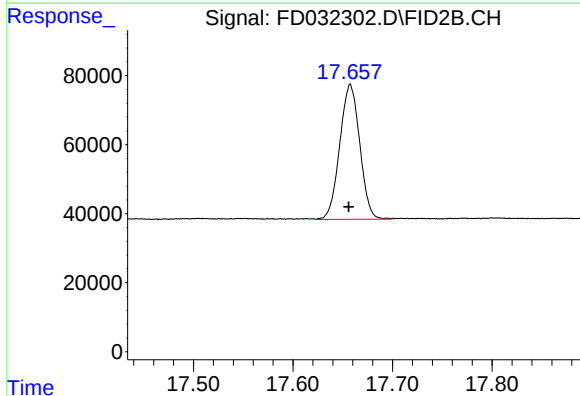
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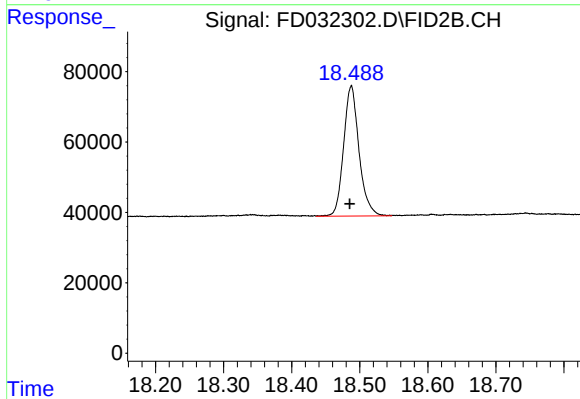
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 530688
Conc: 3.96 ug/ml m



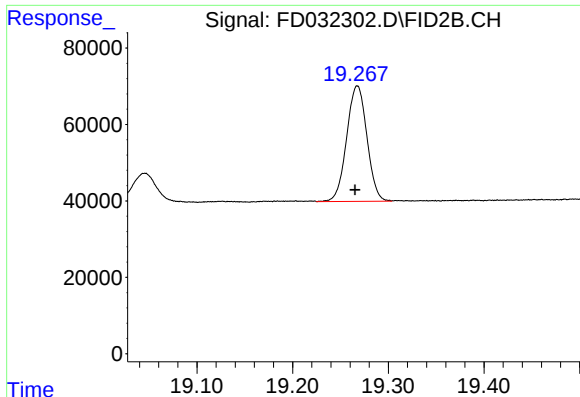
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: 0.001 min
Response: 544995
Conc: 4.24 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.002 min
Response: 581888
Conc: 5.23 ug/ml m



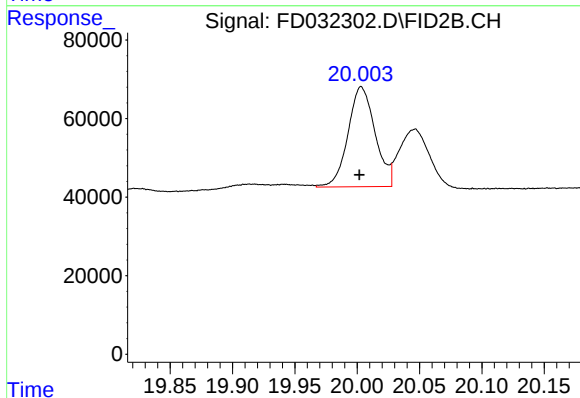
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.001 min
Response: 447544
Conc: 4.84 ug/ml m

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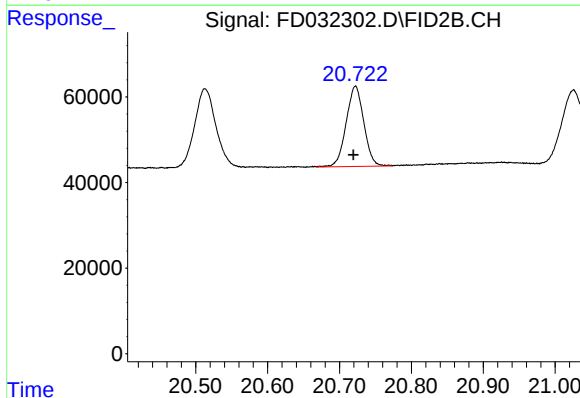
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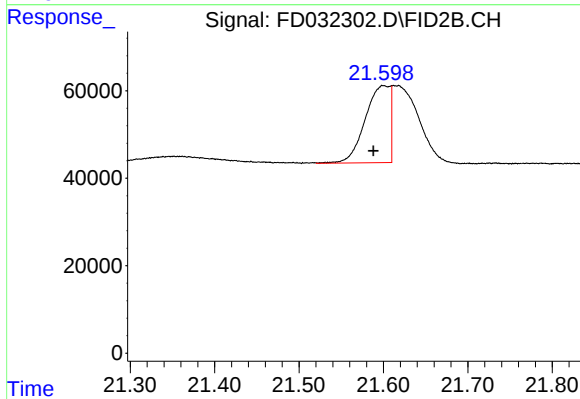
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.001 min
Response: 387176
Conc: 4.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 320373
Conc: 4.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.010 min
Response: 361786
Conc: 4.09 ug/ml m