

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045450.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 07:25
 Operator : YP/AJ
 Sample : 02213-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 04:17:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.877	6959809	58.272 ug/ml
Spiked Amount 50.000		Recovery =	116.54%
Target Compounds			
1) T n-Nonane (C9)	3.261	249606	1.639 ug/ml
2) T n-Decane (C10)	4.318	314753	2.085 ug/ml
4) T n-Dodecane (C12)	6.322	419522	2.750 ug/ml
6) T n-Tetradecane (C14)	8.106	380999	2.490 ug/ml
7) T n-Hexadecane (C16)	9.698	397273	2.551 ug/ml
8) T n-Octadecane (C18)	11.131	463365	2.959 ug/ml
10) T n-Eicosane (C20)	12.432	406829	2.744 ug/ml
11) T n-Heneicosane (C21)	13.040	376534	2.559 ug/ml
13) T n-Docosane (C22)	13.622	411644	2.852 ug/ml
14) T n-Tetracosane (C24)	14.717	408769	2.929 ug/mlm
15) T n-Hexacosane (C26)	15.733	405250	3.016 ug/ml
16) T n-Octacosane (C28)	16.675	415192	3.157 ug/ml
17) T n-Tricontane (C30)	17.555	454489	3.488 ug/ml
18) T n-Dotriacontane (C32)	18.380	468829	3.603 ug/ml
19) T n-Tetratriacontane (C34)	19.158	408852	3.272 ug/ml
20) T n-Hexatriacontane (C36)	19.892	334244	2.913 ug/ml
21) T n-Octatriacontane (C38)	20.596	269117	2.453 ug/ml
22) T n-Tetracontane (C40)	21.428	218154	2.034 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 62 Sample Multiplier: 1

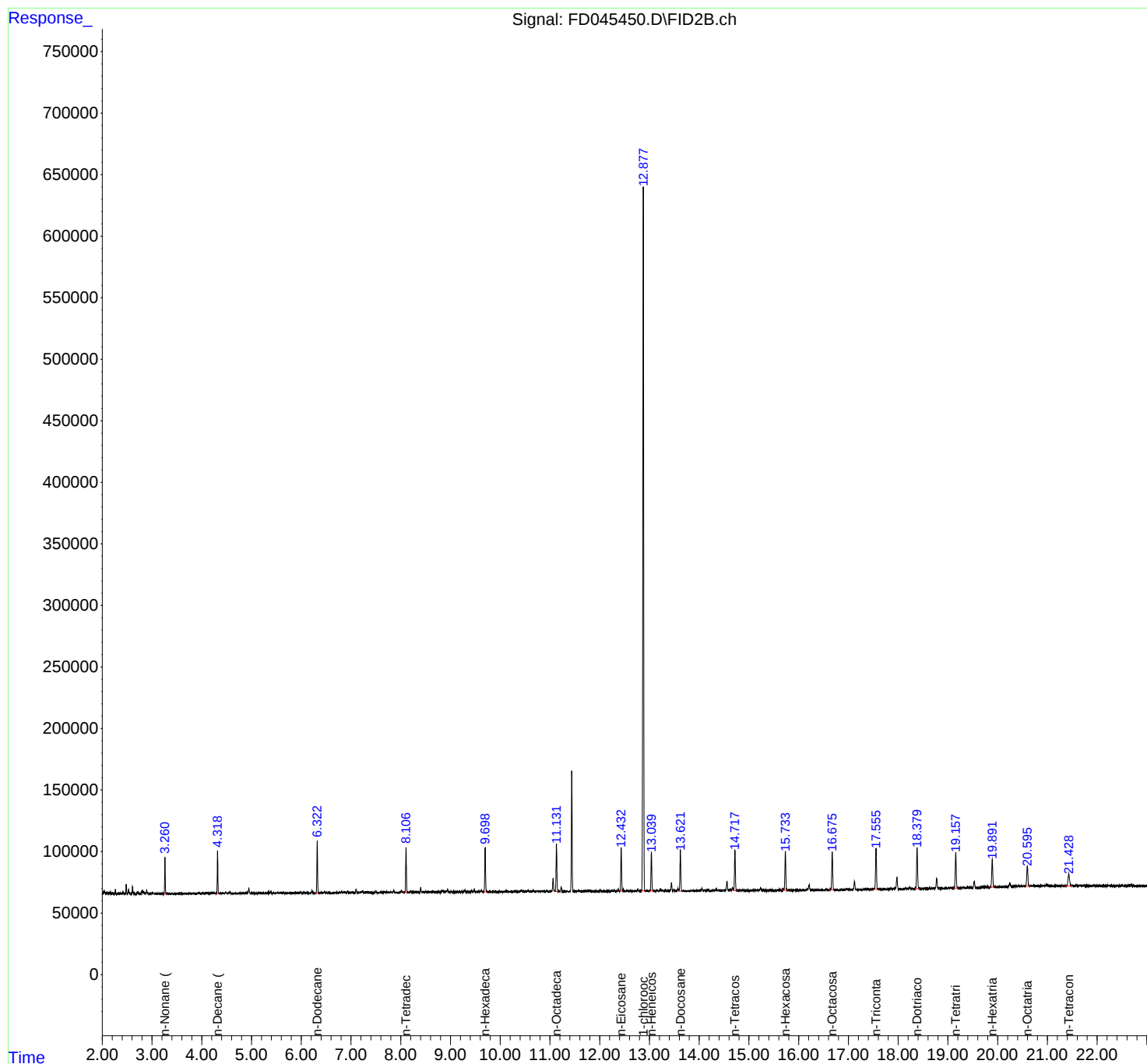
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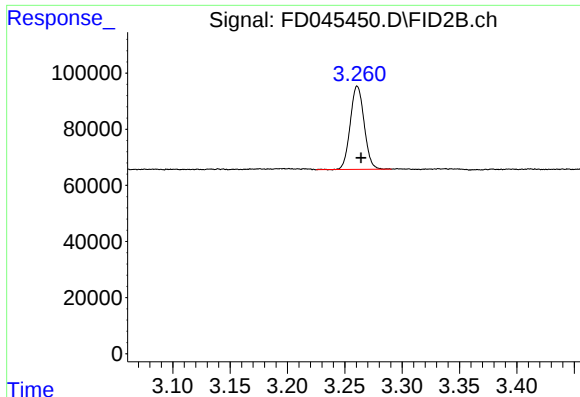
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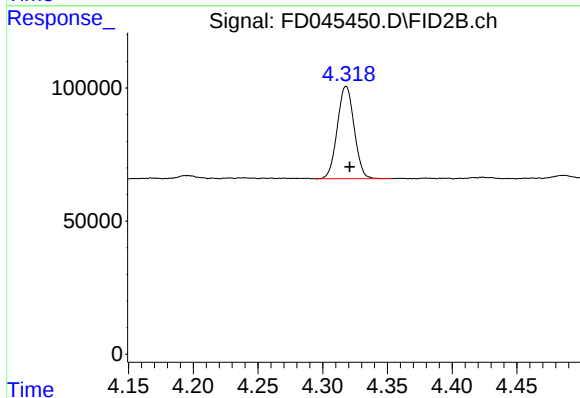
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 249606
Conc: 1.64 ug/ml

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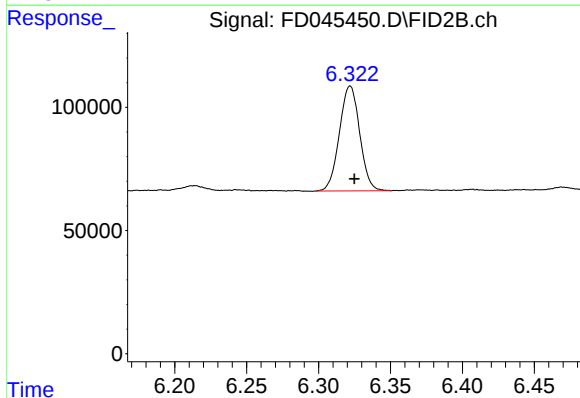
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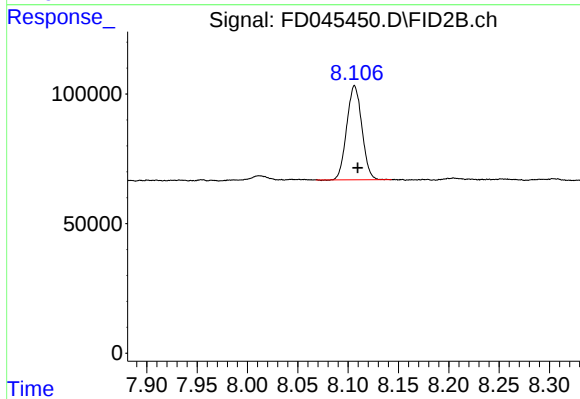
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 314753
Conc: 2.09 ug/ml



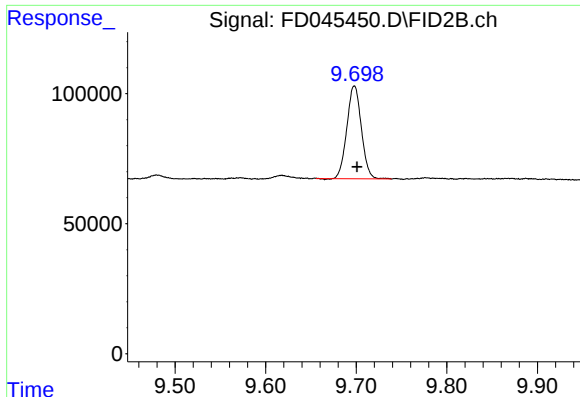
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 419522
Conc: 2.75 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 380999
Conc: 2.49 ug/ml



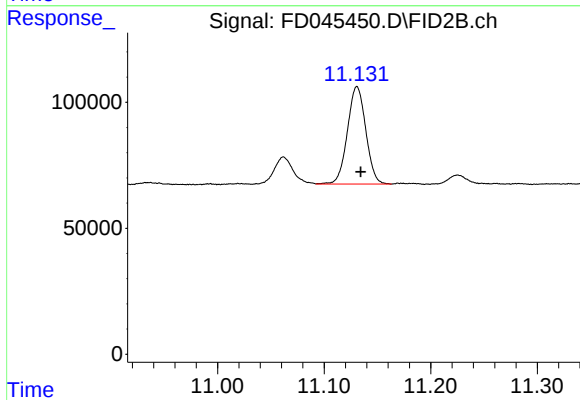
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.003 min
Response: 397273
Conc: 2.55 ug/ml

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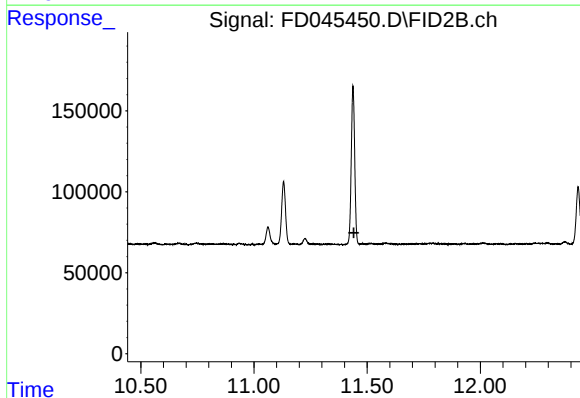
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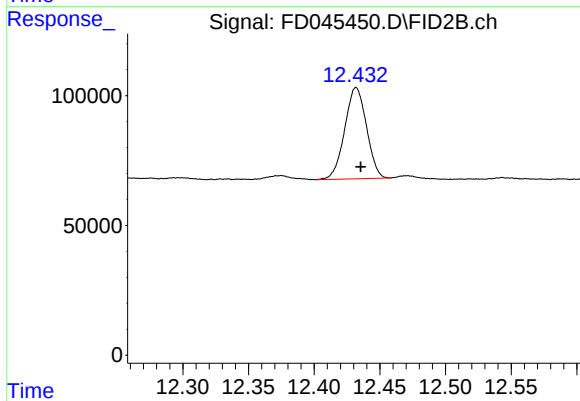
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.004 min
Response: 463365
Conc: 2.96 ug/ml



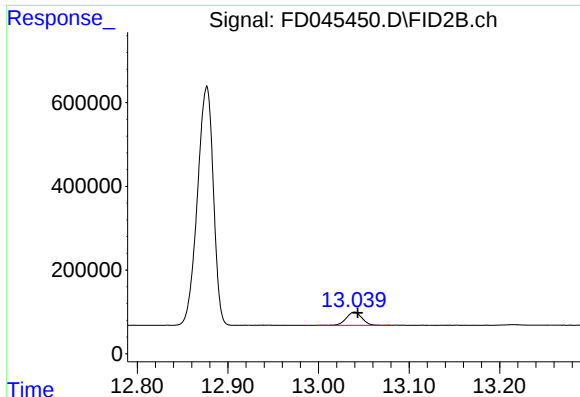
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.442 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.003 min
Response: 406829
Conc: 2.74 ug/ml



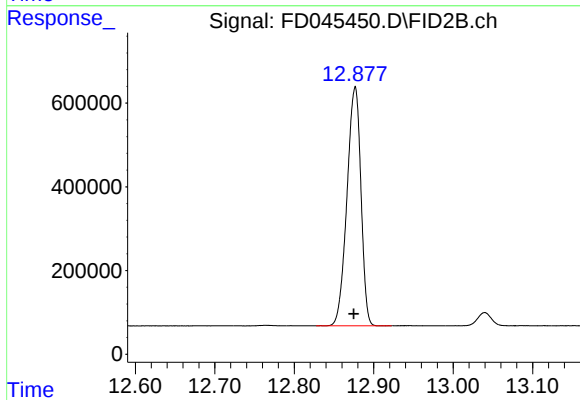
#11 n-Heneicosane (C21)

R.T.: 13.040 min
Delta R.T.: -0.004 min
Response: 376534
Conc: 2.56 ug/ml

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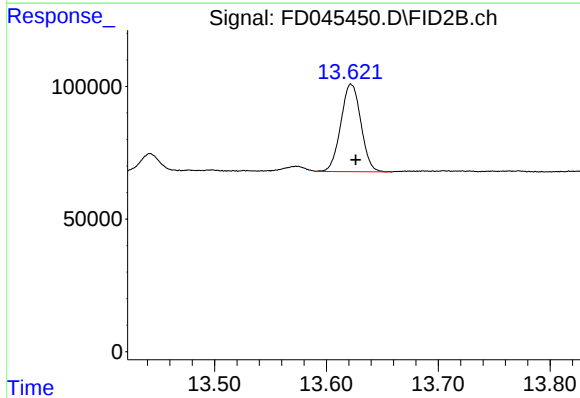
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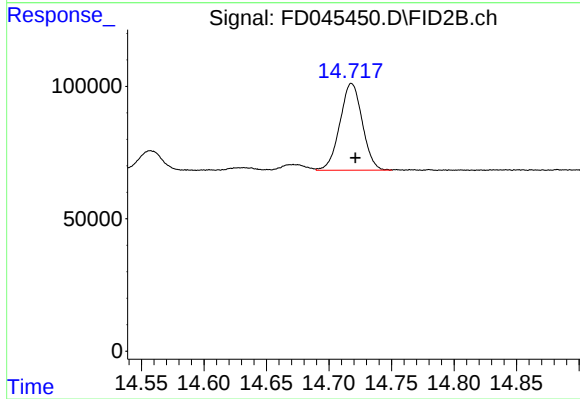
#12 1-chlorooctadecane (SURR)

R.T.: 12.877 min
Delta R.T.: 0.002 min
Response: 6959809
Conc: 58.27 ug/ml



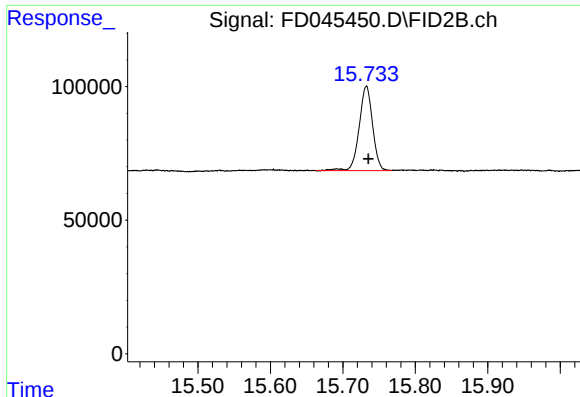
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.004 min
Response: 411644
Conc: 2.85 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: -0.004 min
Response: 408769
Conc: 2.93 ug/ml m



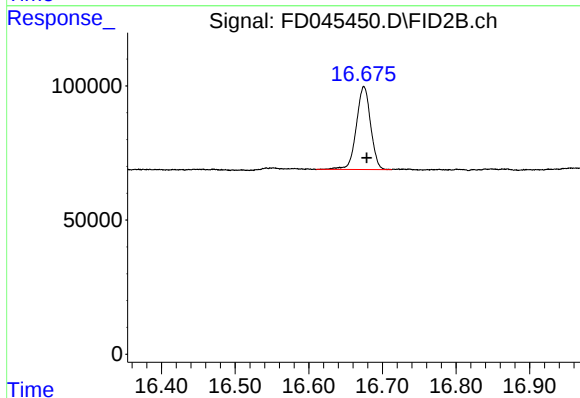
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.002 min
Response: 405250
Conc: 3.02 ug/ml

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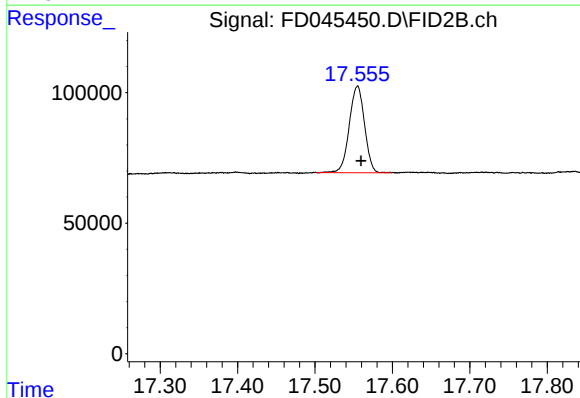
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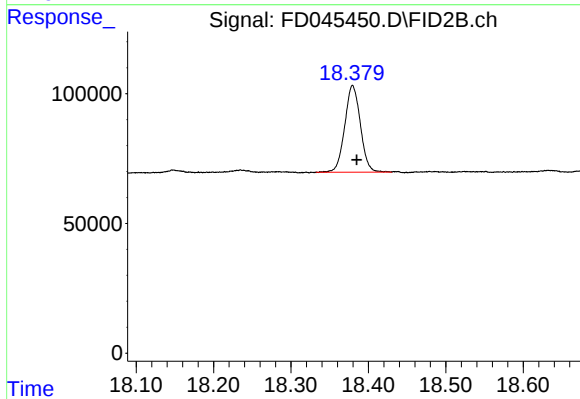
#16 n-Octacosane (C28)

R.T.: 16.675 min
Delta R.T.: -0.004 min
Response: 415192
Conc: 3.16 ug/ml



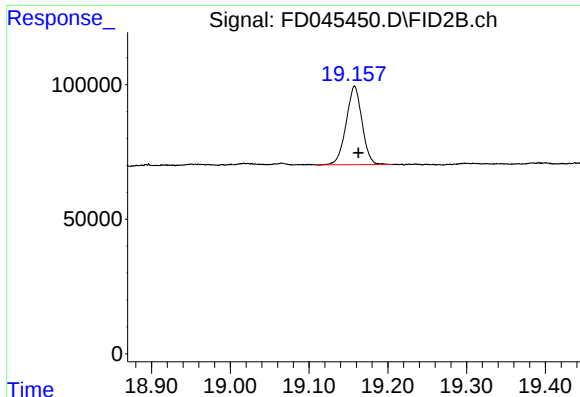
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: -0.004 min
Response: 454489
Conc: 3.49 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: -0.005 min
Response: 468829
Conc: 3.60 ug/ml



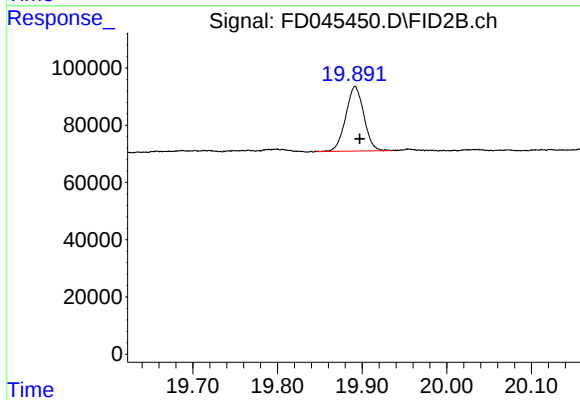
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: -0.005 min
Response: 408852
Conc: 3.27 ug/ml

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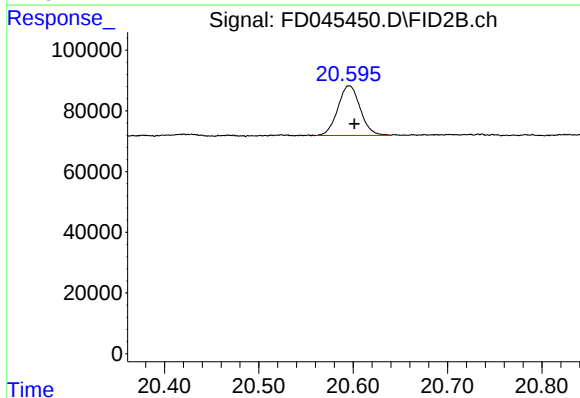
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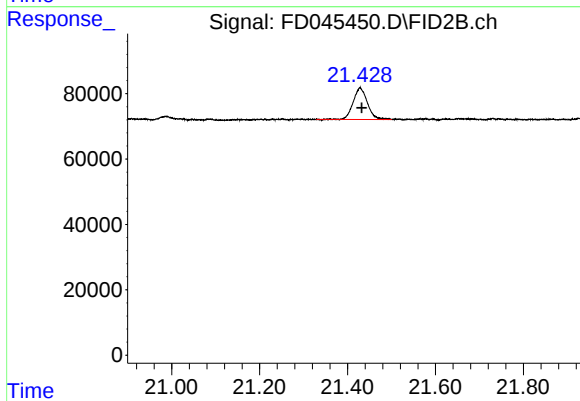
#20 n-Hexatriacontane (C36)

R.T.: 19.892 min
Delta R.T.: -0.005 min
Response: 334244
Conc: 2.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: -0.005 min
Response: 269117
Conc: 2.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.428 min
Delta R.T.: -0.004 min
Response: 218154
Conc: 2.03 ug/ml