

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012869.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 13:15
 Operator : YP\AJ
 Sample : 02213-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 00:49:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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...	12.320	6921567	58.565 ug/ml
Spiked Amount 50.000		Recovery =	117.13%
Target Compounds			
1) T n-Nonane (C9)	2.755	395187	3.020 ug/mlm
2) T n-Decane (C10)	3.760	491641	3.680 ug/mlm
4) T n-Dodecane (C12)	5.742	601258	4.442 ug/mlm
6) T n-Tetradecane (C14)	7.530	594374	4.442 ug/mlm
7) T n-Hexadecane (C16)	9.127	591690	4.274 ug/ml
8) T n-Octadecane (C18)	10.564	715446	5.026 ug/ml
10) T n-Eicosane (C20)	11.871	734286	5.339 ug/ml
11) T n-Heneicosane (C21)	12.480	698721	5.167 ug/ml
13) T n-Docosane (C22)	13.066	723062	5.401 ug/ml
14) T n-Tetracosane (C24)	14.166	715777	5.444 ug/mlm
15) T n-Hexacosane (C26)	15.185	680258	5.350 ug/ml
16) T n-Octacosane (C28)	16.132	673648	5.479 ug/ml
17) T n-Tricontane (C30)	17.018	703491	5.698 ug/ml
18) T n-Dotriacontane (C32)	17.848	725593	5.997 ug/ml
19) T n-Tetratriacontane (C34)	18.631	682335	5.832 ug/ml
20) T n-Hexatriacontane (C36)	19.368	602784	5.350 ug/ml
21) T n-Octatriacontane (C38)	20.095	543629	4.881 ug/ml
22) T n-Tetracontane (C40)	20.978	502372	4.553 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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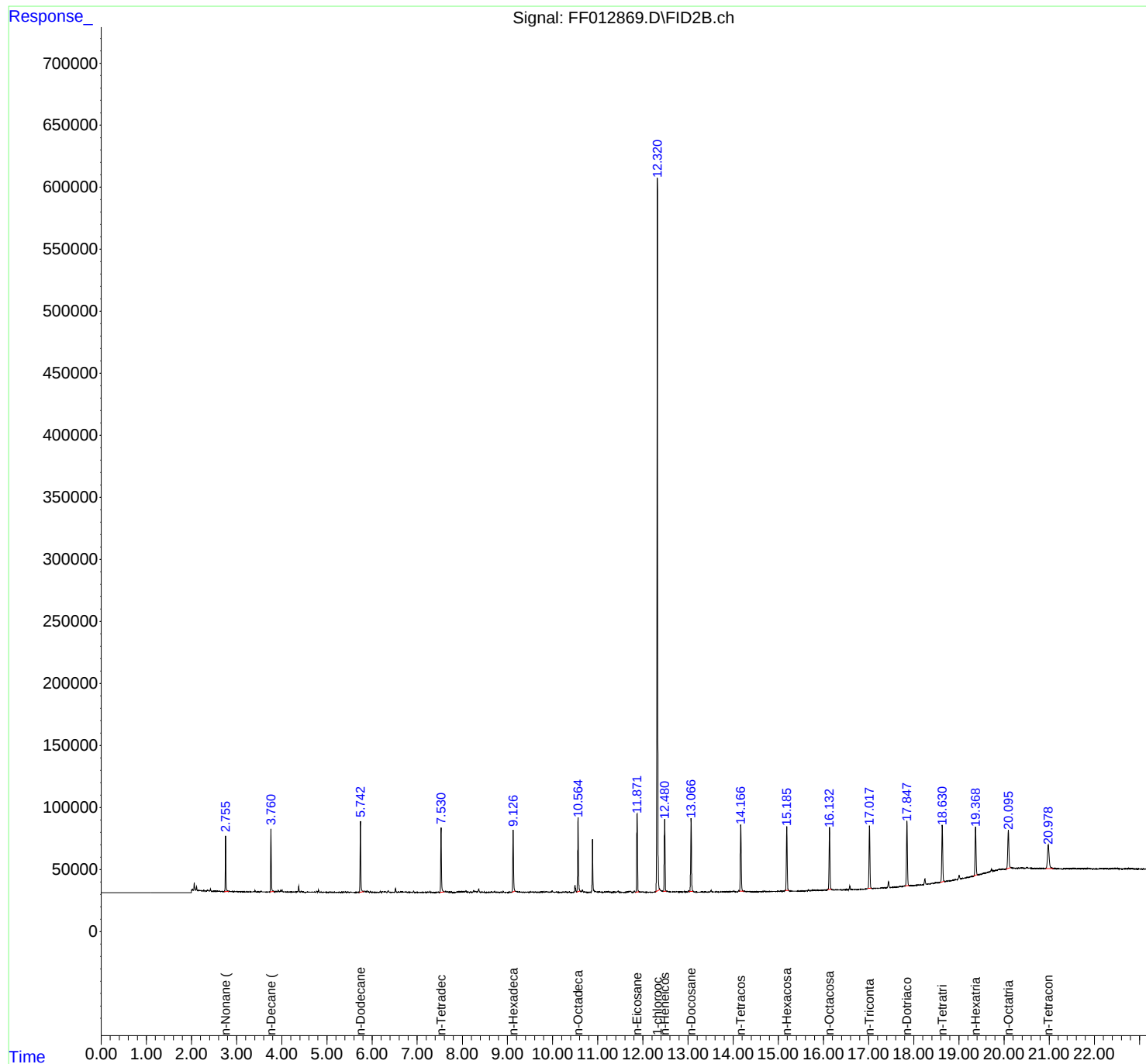
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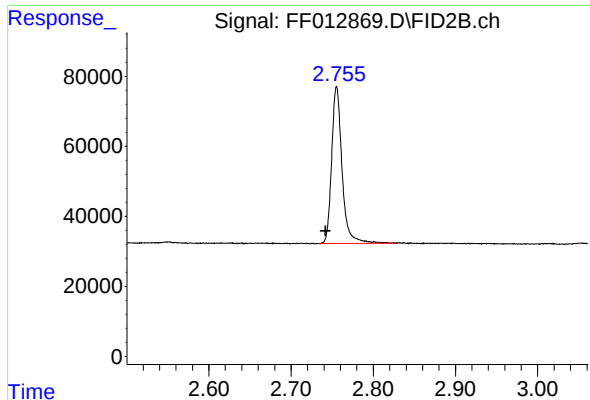
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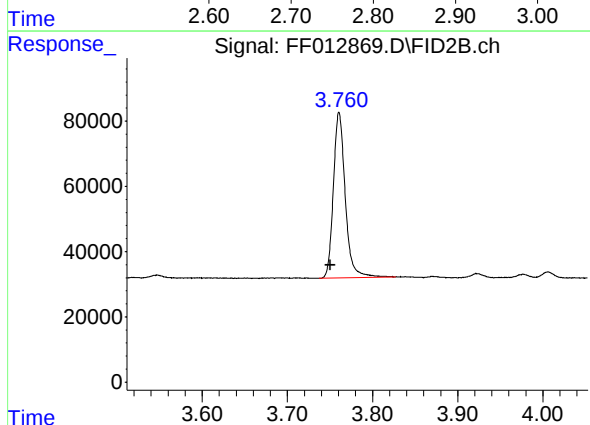
#1 n-Nonane (C9)

R.T.: 2.755 min
Delta R.T.: 0.013 min
Response: 395187
Conc: 3.02 ug/ml

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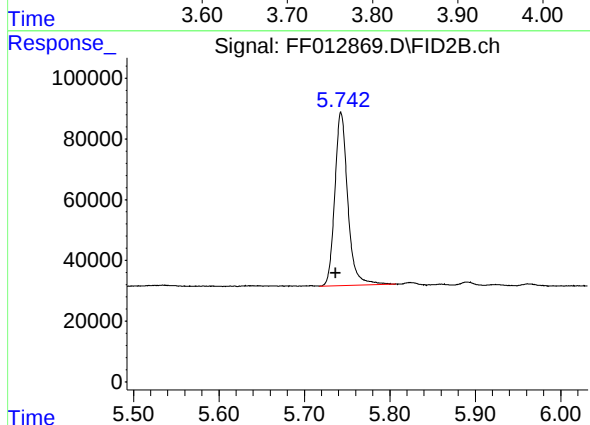
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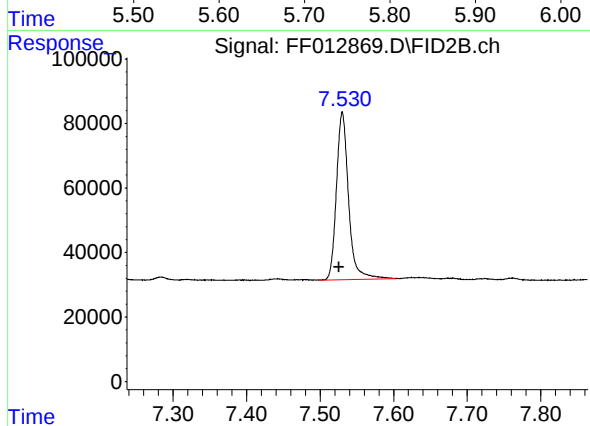
#2 n-Decane (C10)

R.T.: 3.760 min
Delta R.T.: 0.010 min
Response: 491641
Conc: 3.68 ug/ml m



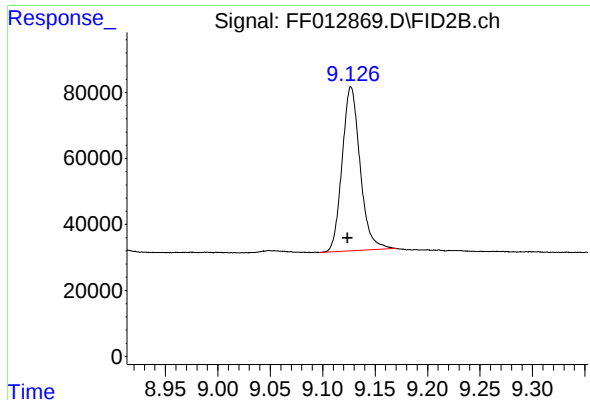
#4 n-Dodecane (C12)

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 601258
Conc: 4.44 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 594374
Conc: 4.44 ug/ml m



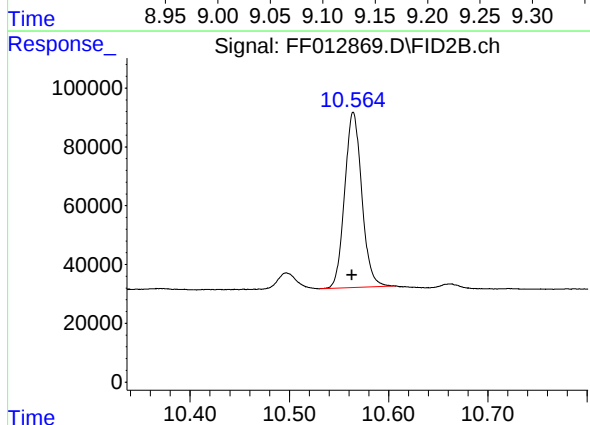
#7 n-Hexadecane (C16)

R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 591690
Conc: 4.27 ug/ml

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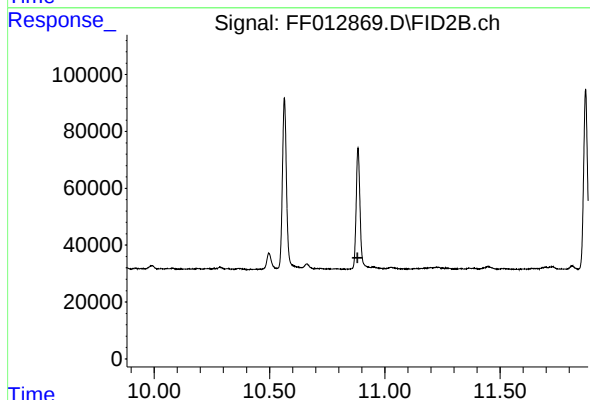
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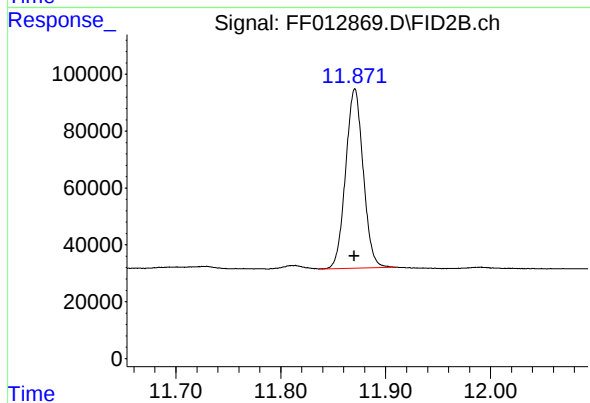
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.001 min
Response: 715446
Conc: 5.03 ug/ml



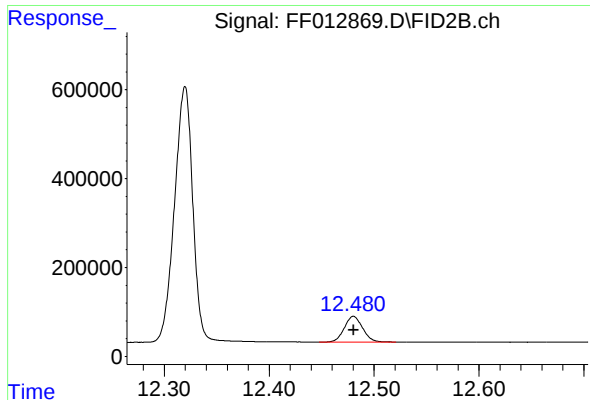
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.882 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 734286
Conc: 5.34 ug/ml



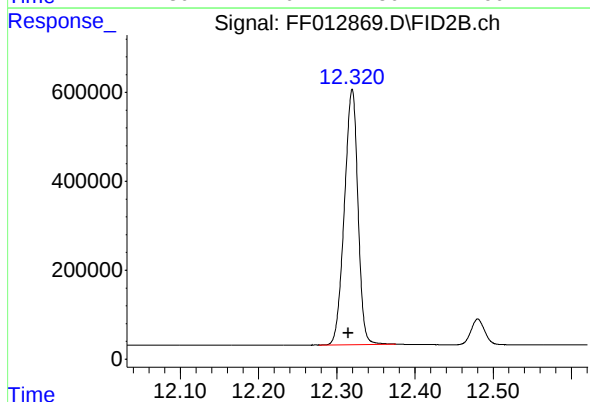
#11 n-Heneicosane (C21)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 698721
Conc: 5.17 ug/ml

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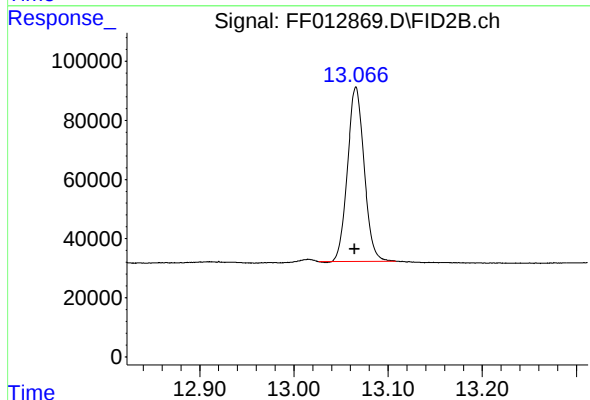
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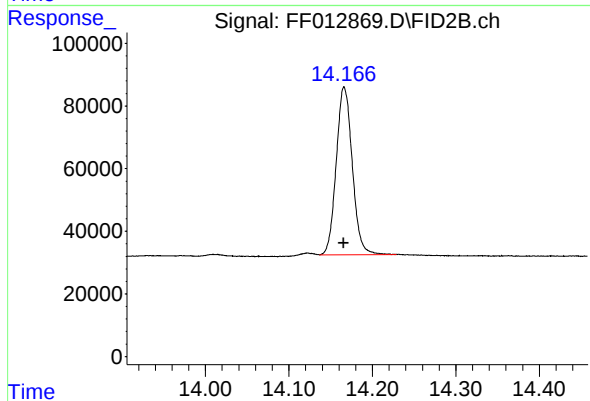
#12 1-chlorooctadecane (SURR)

R.T.: 12.320 min
Delta R.T.: 0.005 min
Response: 6921567
Conc: 58.56 ug/ml



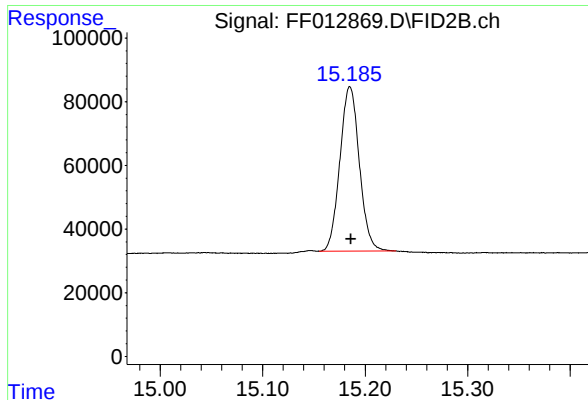
#13 n-Docosane (C22)

R.T.: 13.066 min
Delta R.T.: 0.001 min
Response: 723062
Conc: 5.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 715777
Conc: 5.44 ug/ml m



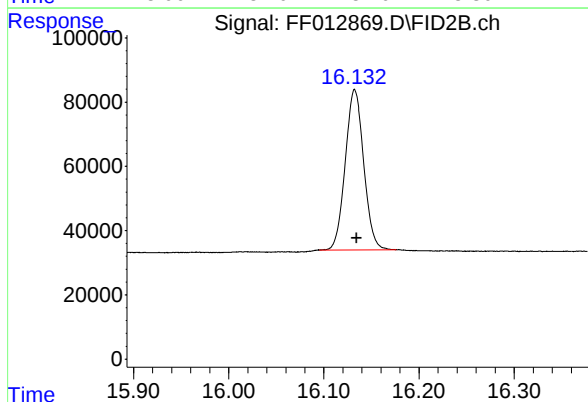
#15 n-Hexacosane (C26)

R.T.: 15.185 min
Delta R.T.: -0.001 min
Response: 680258
Conc: 5.35 ug/ml

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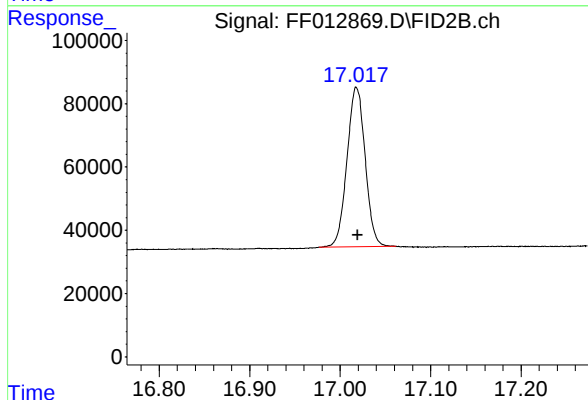
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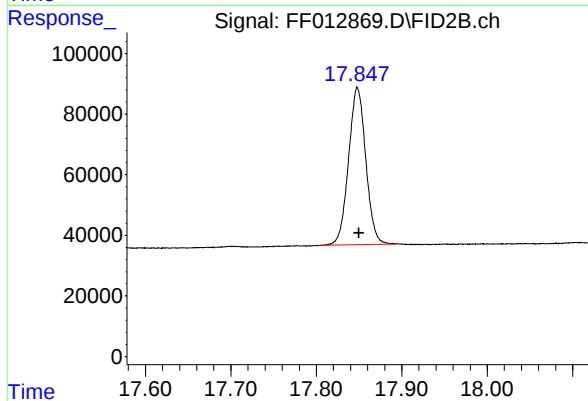
#16 n-Octacosane (C28)

R.T.: 16.132 min
Delta R.T.: -0.002 min
Response: 673648
Conc: 5.48 ug/ml



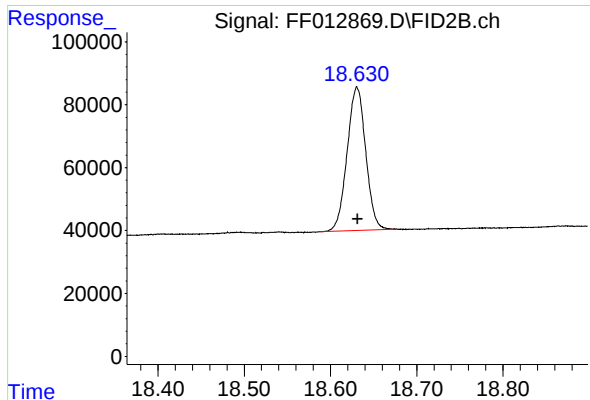
#17 n-Tricontane (C30)

R.T.: 17.018 min
Delta R.T.: -0.002 min
Response: 703491
Conc: 5.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 725593
Conc: 6.00 ug/ml



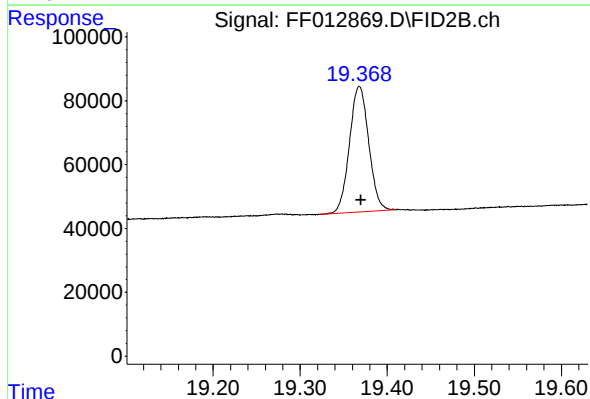
#19 n-Tetratriacontane (C34)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 682335
Conc: 5.83 ug/ml

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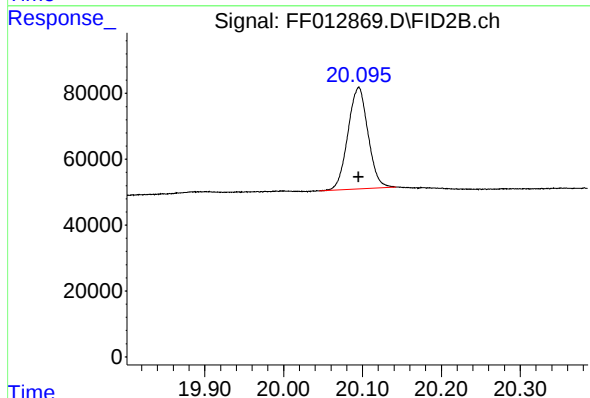
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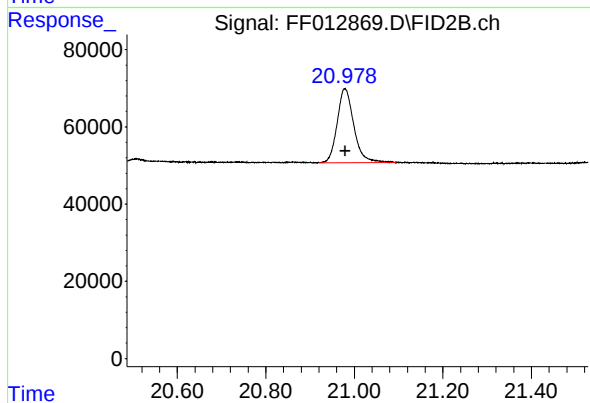
#20 n-Hexatriacontane (C36)

R.T.: 19.368 min
Delta R.T.: -0.002 min
Response: 602784
Conc: 5.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.095 min
Delta R.T.: 0.000 min
Response: 543629
Conc: 4.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.978 min
Delta R.T.: -0.002 min
Response: 502372
Conc: 4.55 ug/ml m