

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012872.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 14:42
 Operator : YP\AJ
 Sample : 02213-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-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 00:49:39 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...	12.319	5440034	46.029 ug/ml
Spiked Amount 50.000		Recovery =	92.06%
Target Compounds			
1) T n-Nonane (C9)	2.750	289008	2.208 ug/mlm
2) T n-Decane (C10)	3.758	362952	2.717 ug/mlm
4) T n-Dodecane (C12)	5.742	436394	3.224 ug/mlm
6) T n-Tetradecane (C14)	7.529	433813	3.242 ug/mlm
7) T n-Hexadecane (C16)	9.126	437114	3.157 ug/mlm
8) T n-Octadecane (C18)	10.564	522564	3.671 ug/ml
10) T n-Eicosane (C20)	11.870	549363	3.995 ug/ml
11) T n-Heneicosane (C21)	12.481	524807	3.881 ug/ml
13) T n-Docosane (C22)	13.067	545881	4.078 ug/ml
14) T n-Tetracosane (C24)	14.168	548723	4.173 ug/ml
15) T n-Hexacosane (C26)	15.187	552323	4.344 ug/ml
16) T n-Octacosane (C28)	16.136	556880	4.529 ug/ml
17) T n-Tricontane (C30)	17.021	581064	4.707 ug/ml
18) T n-Dotriacontane (C32)	17.853	589303	4.871 ug/ml
19) T n-Tetratriacontane (C34)	18.636	543924	4.649 ug/ml
20) T n-Hexatriacontane (C36)	19.375	471687	4.187 ug/ml
21) T n-Octatriacontane (C38)	20.101	426031	3.825 ug/ml
22) T n-Tetracontane (C40)	20.988	395696	3.586 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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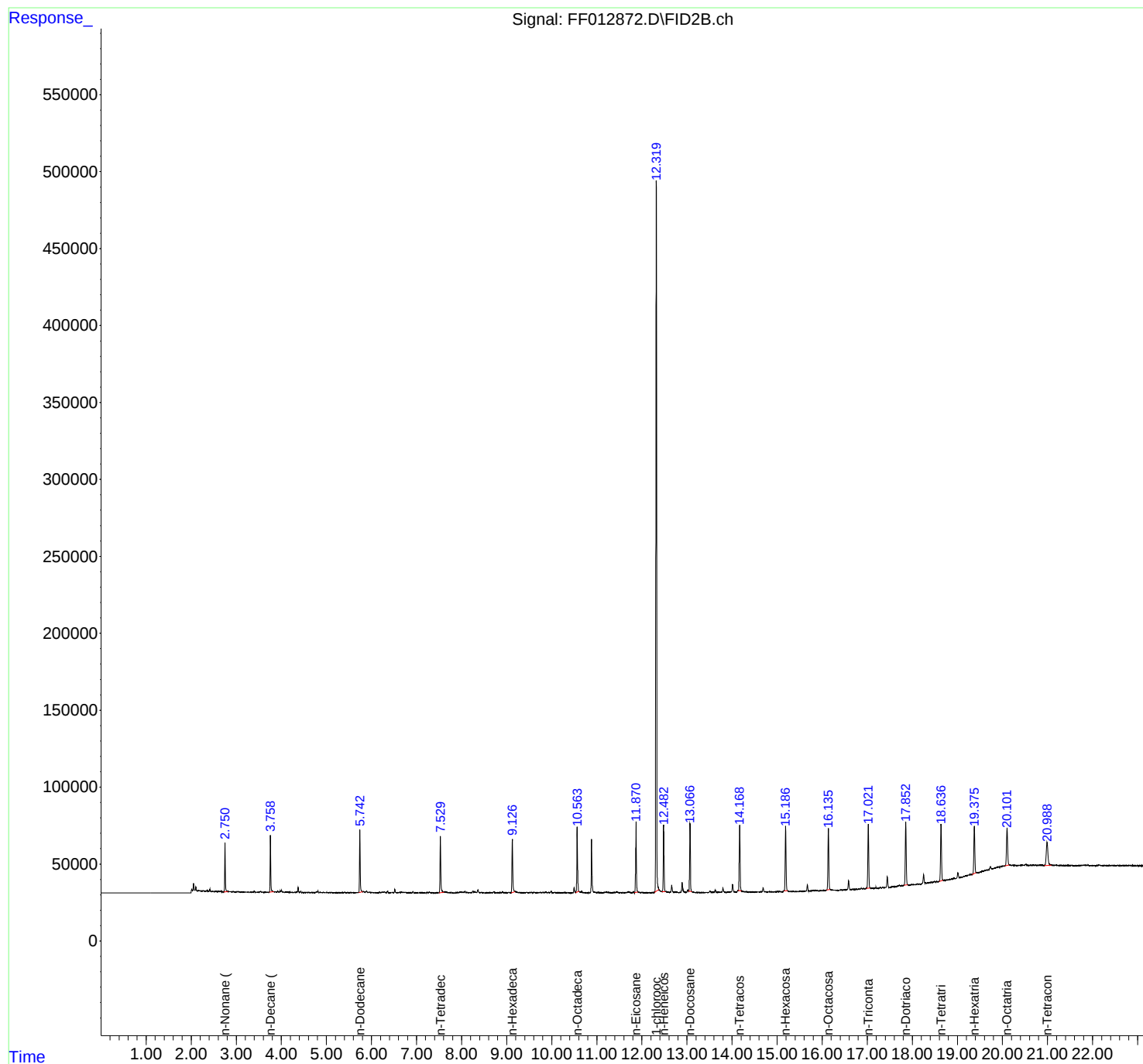
Instrument :
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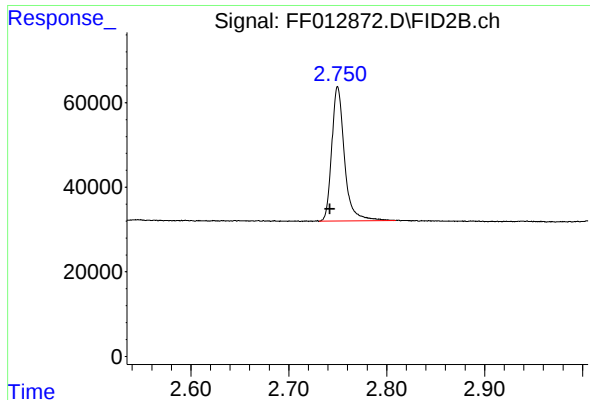
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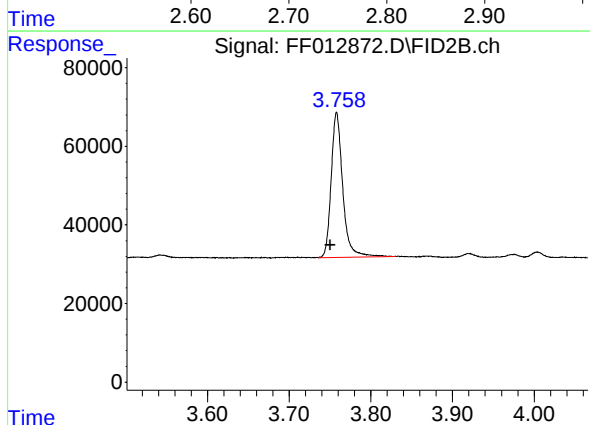
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: 0.008 min
Response: 289008
Conc: 2.21 ug/ml

Instrument :
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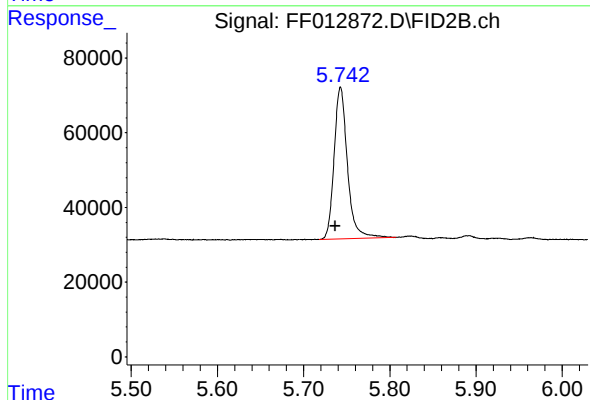
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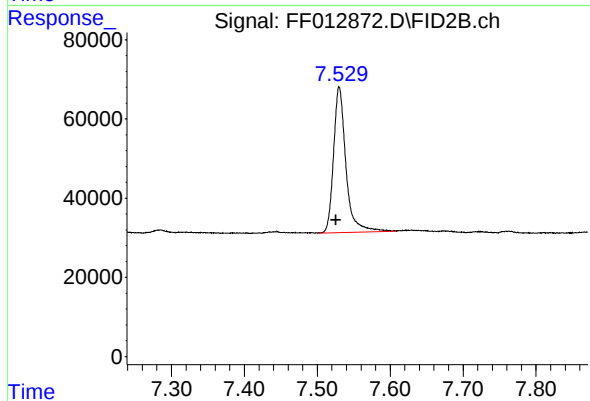
#2 n-Decane (C10)

R.T.: 3.758 min
Delta R.T.: 0.007 min
Response: 362952
Conc: 2.72 ug/ml m



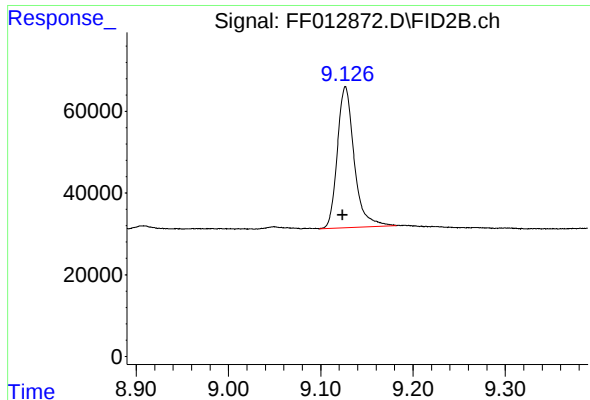
#4 n-Dodecane (C12)

R.T.: 5.742 min
Delta R.T.: 0.006 min
Response: 436394
Conc: 3.22 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.529 min
Delta R.T.: 0.004 min
Response: 433813
Conc: 3.24 ug/ml m



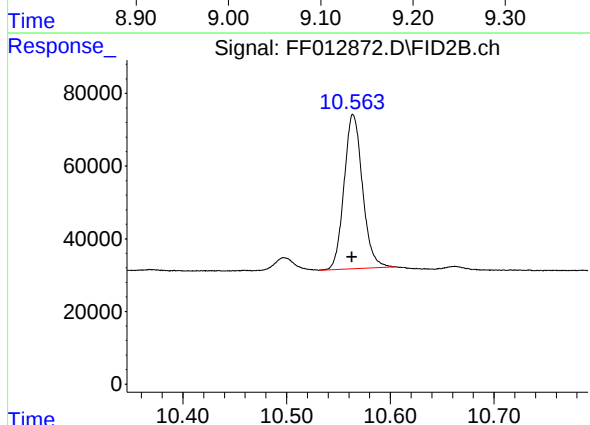
#7 n-Hexadecane (C16)

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 437114
Conc: 3.16 ug/ml

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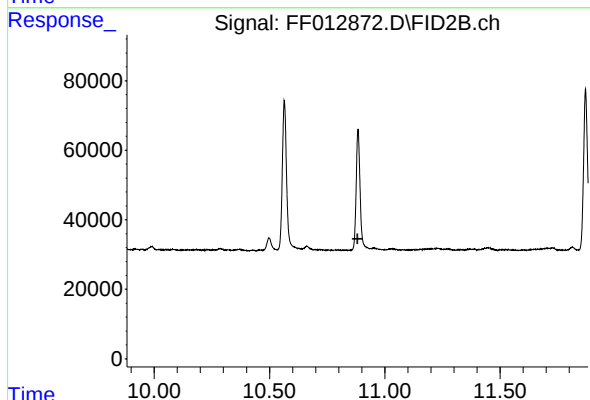
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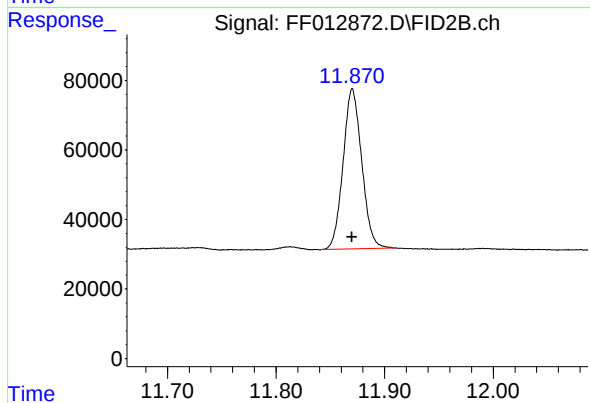
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.001 min
Response: 522564
Conc: 3.67 ug/ml



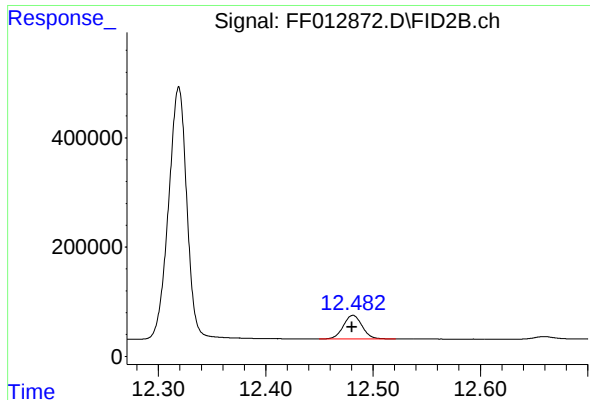
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.000 min
Response: 549363
Conc: 3.99 ug/ml



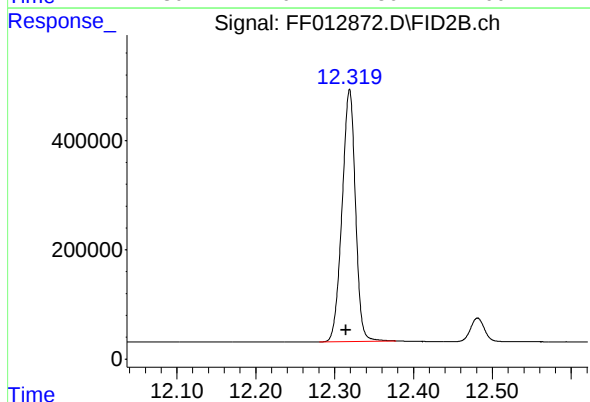
#11 n-Heneicosane (C21)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 524807
Conc: 3.88 ug/ml

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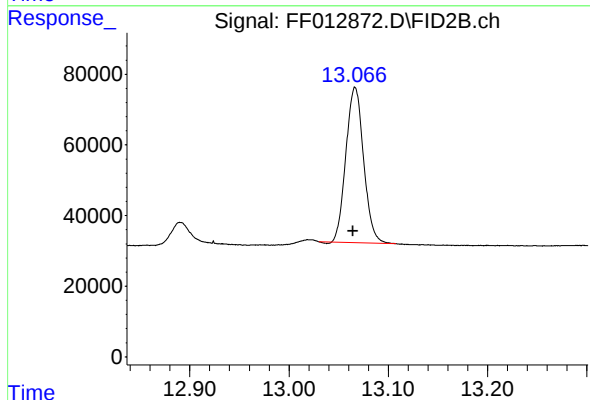
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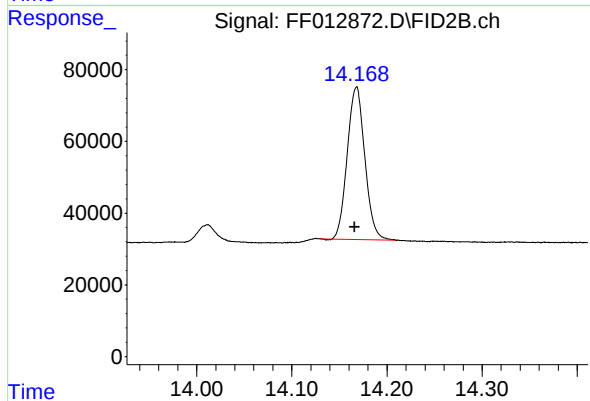
#12 1-chlorooctadecane (SURR)

R.T.: 12.319 min
Delta R.T.: 0.005 min
Response: 5440034
Conc: 46.03 ug/ml



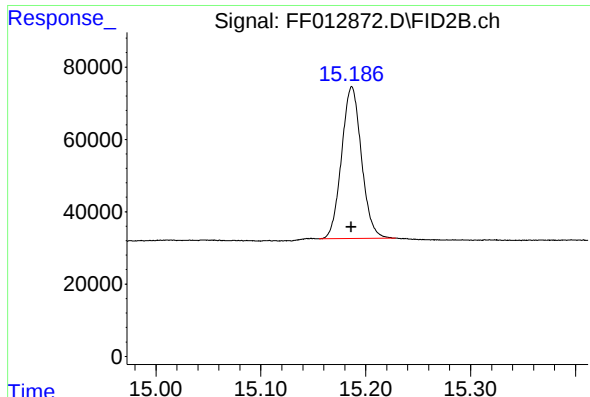
#13 n-Docosane (C22)

R.T.: 13.067 min
Delta R.T.: 0.002 min
Response: 545881
Conc: 4.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 548723
Conc: 4.17 ug/ml



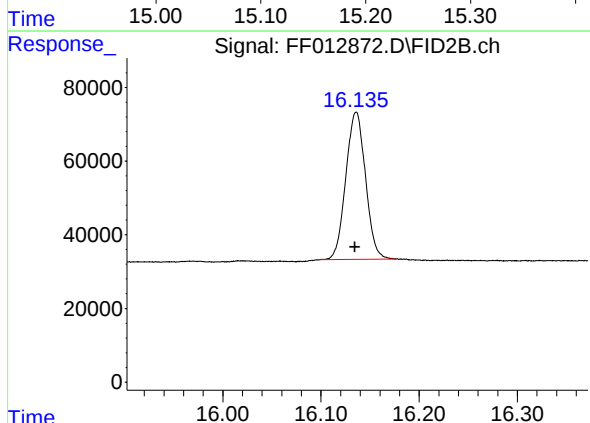
#15 n-Hexacosane (C26)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 552323
Conc: 4.34 ug/ml

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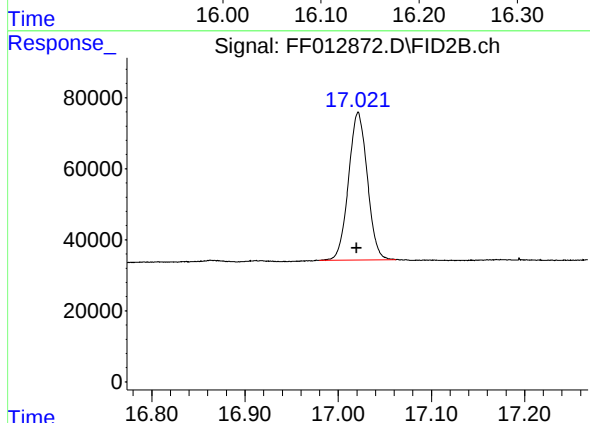
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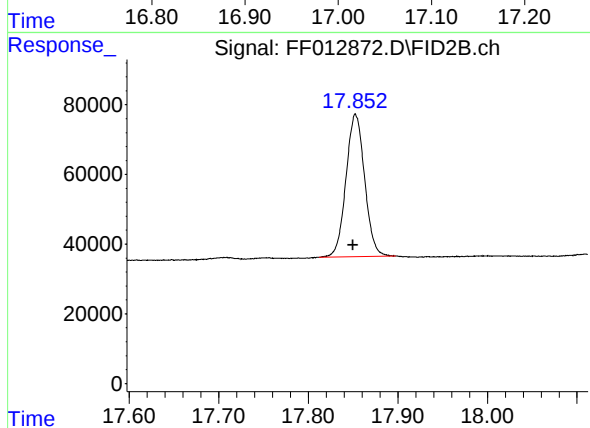
#16 n-Octacosane (C28)

R.T.: 16.136 min
Delta R.T.: 0.001 min
Response: 556880
Conc: 4.53 ug/ml



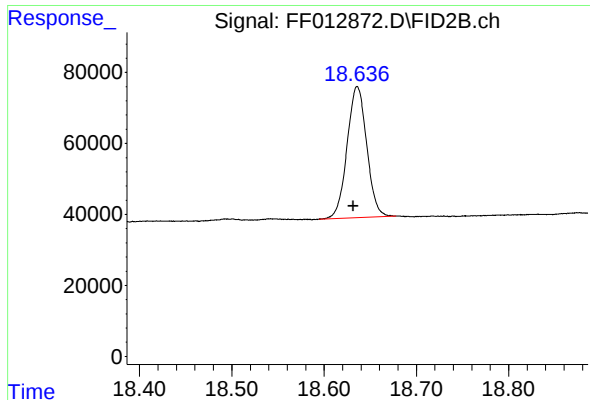
#17 n-Tricontane (C30)

R.T.: 17.021 min
Delta R.T.: 0.002 min
Response: 581064
Conc: 4.71 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.853 min
Delta R.T.: 0.003 min
Response: 589303
Conc: 4.87 ug/ml



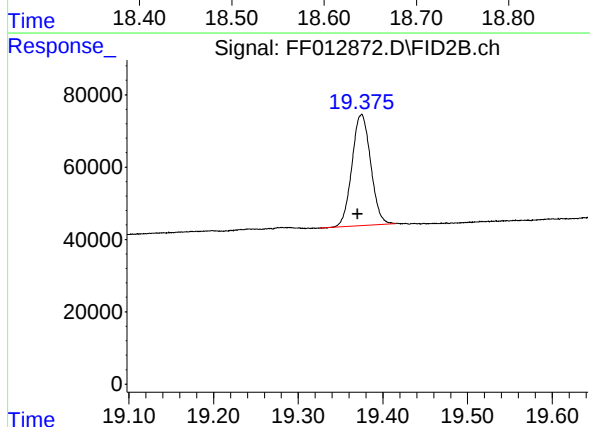
#19 n-Tetratriacontane (C34)

R.T.: 18.636 min
Delta R.T.: 0.004 min
Response: 543924
Conc: 4.65 ug/ml

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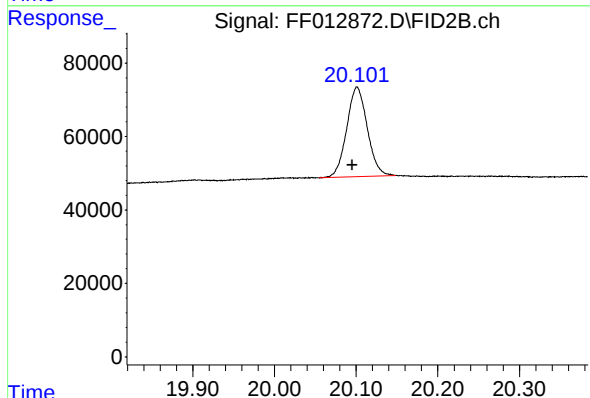
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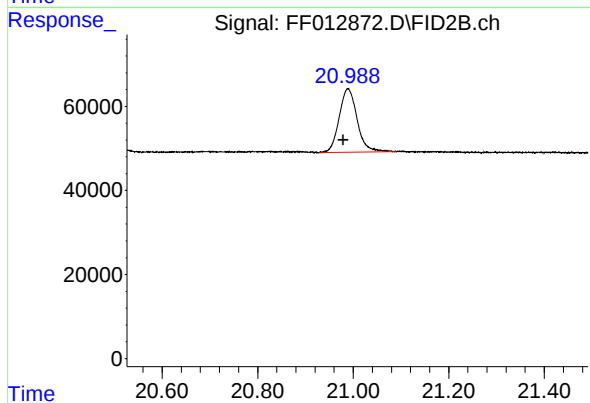
#20 n-Hexatriacontane (C36)

R.T.: 19.375 min
Delta R.T.: 0.005 min
Response: 471687
Conc: 4.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.101 min
Delta R.T.: 0.006 min
Response: 426031
Conc: 3.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.988 min
Delta R.T.: 0.009 min
Response: 395696
Conc: 3.59 ug/ml m