

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013186.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 19:10
 Operator : YP\AJ
 Sample : 03572-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 22:59:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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...	13.333	4752437	45.350 ug/ml
Spiked Amount 50.000		Recovery =	90.70%
Target Compounds			
1) T n-Nonane (C9)	3.285	506052	4.736 ug/ml
2) T n-Decane (C10)	4.539	499491	4.661 ug/ml
4) T n-Dodecane (C12)	6.702	513056	4.741 ug/ml
6) T n-Tetradecane (C14)	8.527	521117	4.828 ug/ml
7) T n-Hexadecane (C16)	10.135	523339	4.828 ug/ml
8) T n-Octadecane (C18)	11.577	545539	4.982 ug/ml
10) T n-Eicosane (C20)	12.887	528627	4.817 ug/ml
11) T n-Heneicosane (C21)	13.498	530261	4.826 ug/ml
13) T n-Docosane (C22)	14.083	526674	4.797 ug/ml
14) T n-Tetracosane (C24)	15.186	526238	4.790 ug/ml
15) T n-Hexacosane (C26)	16.206	522773	4.783 ug/ml
16) T n-Octacosane (C28)	17.154	517963	4.797 ug/ml
17) T n-Tricontane (C30)	18.042	518718	4.743 ug/ml
18) T n-Dotriacontane (C32)	18.873	518868	4.593 ug/ml
19) T n-Tetratriacontane (C34)	19.655	498398	4.692 ug/ml
20) T n-Hexatriacontane (C36)	20.394	481428	4.568 ug/ml
21) T n-Octatriacontane (C38)	21.126	457632	4.531 ug/ml
22) T n-Tetracontane (C40)	22.021	458877	4.617 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 10 Aug 2023 19:10
Operator : YP\AJ
Sample : 03572-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

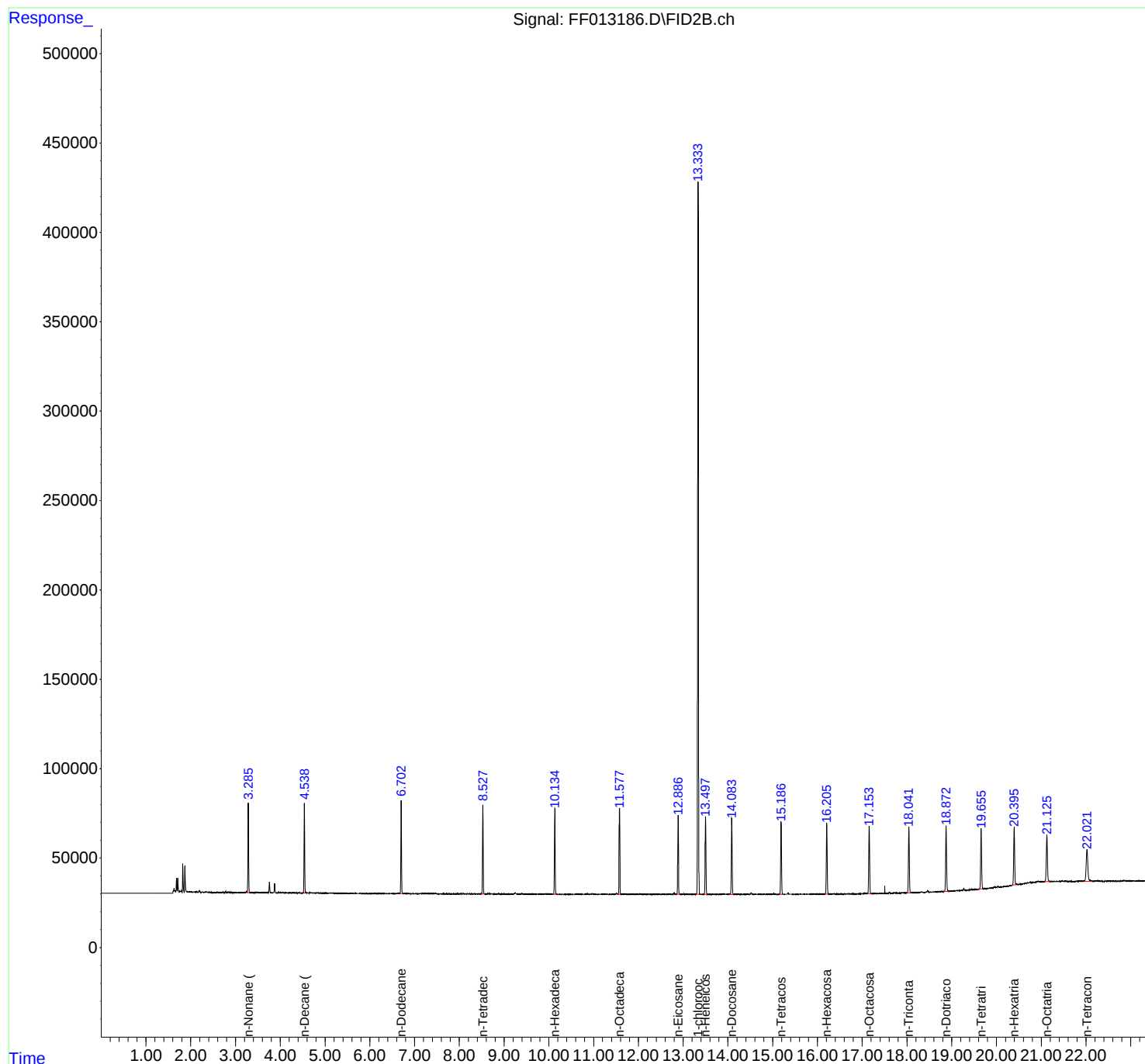
Instrument :
FID_F
ClientSampleId :
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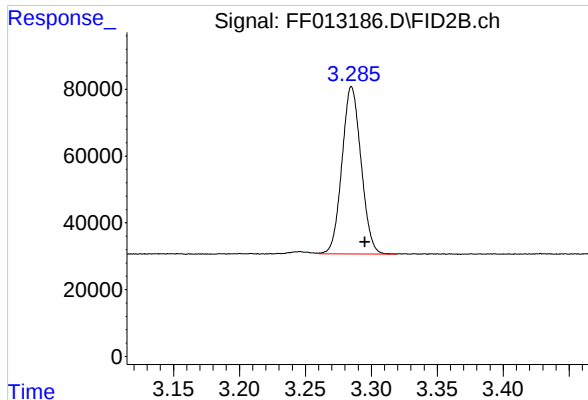
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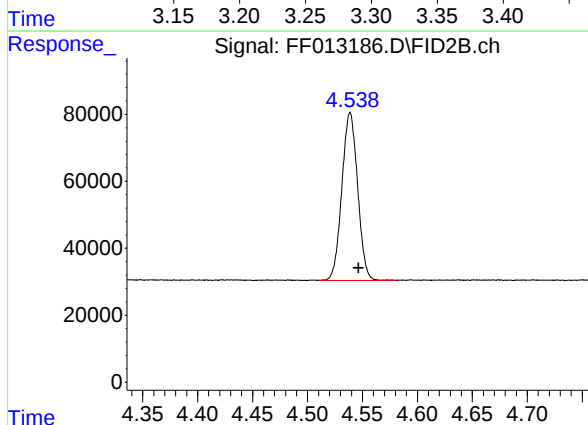
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 506052
Conc: 4.74 ug/ml

Instrument :
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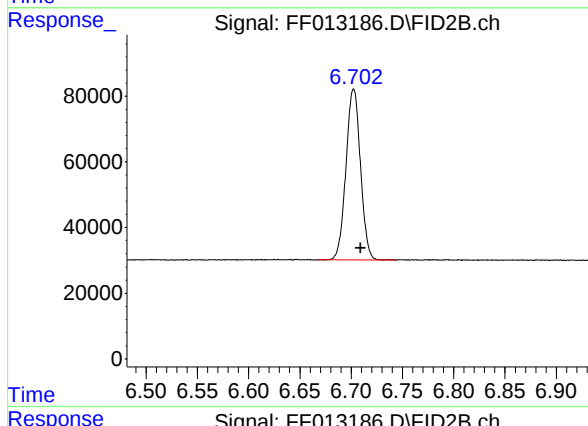
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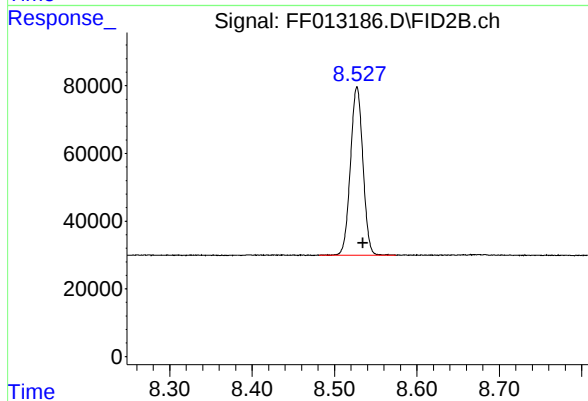
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 499491
Conc: 4.66 ug/ml



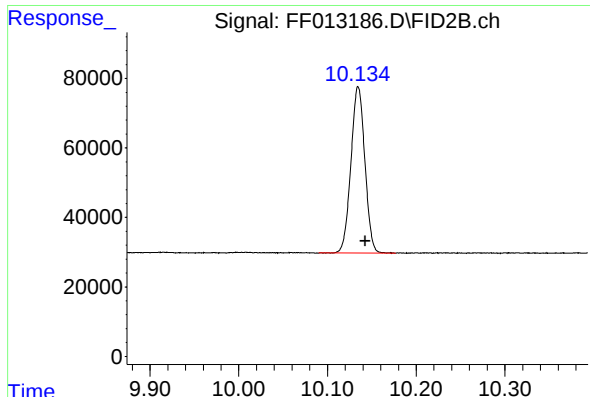
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 513056
Conc: 4.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 521117
Conc: 4.83 ug/ml



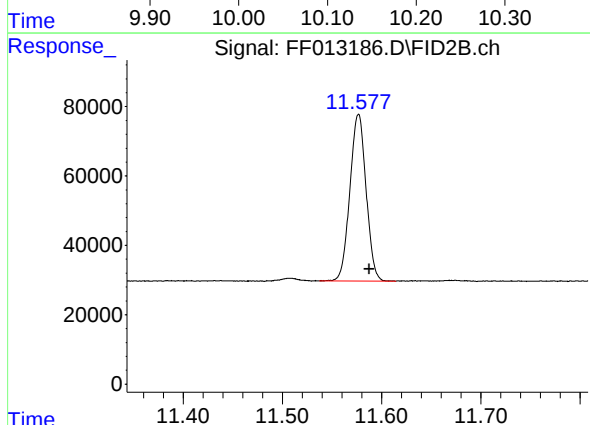
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 523339
Conc: 4.83 ug/ml

Instrument :
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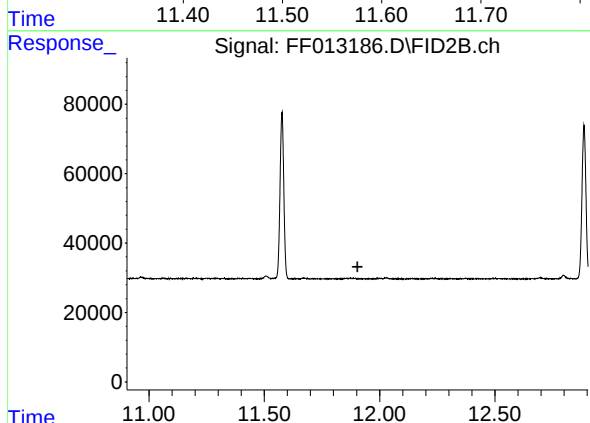
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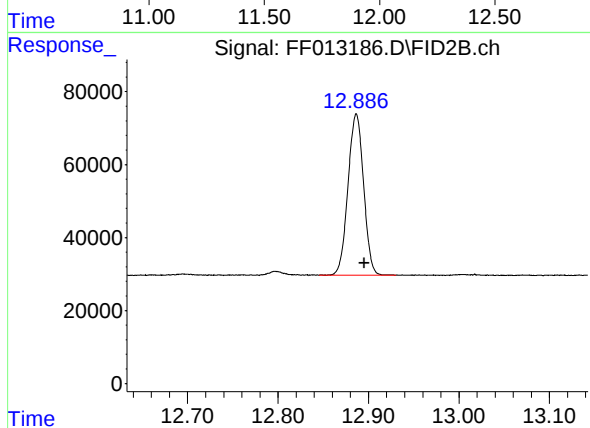
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 545539
Conc: 4.98 ug/ml



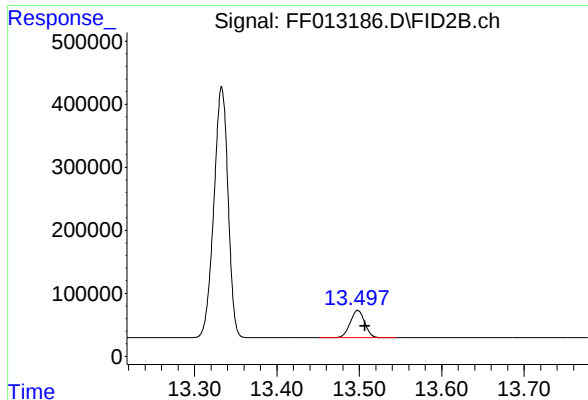
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.904 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 528627
Conc: 4.82 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 530261
Conc: 4.83 ug/ml

Instrument :

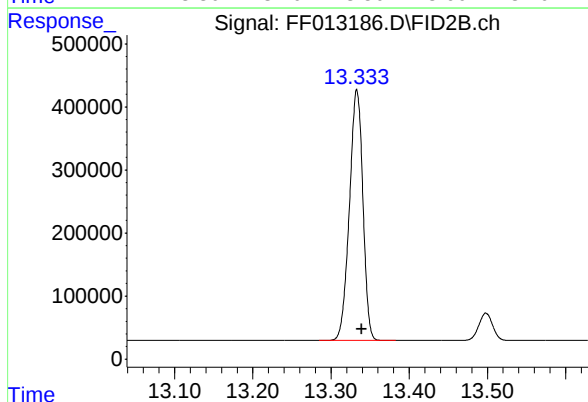
FID_F

ClientSampleId :

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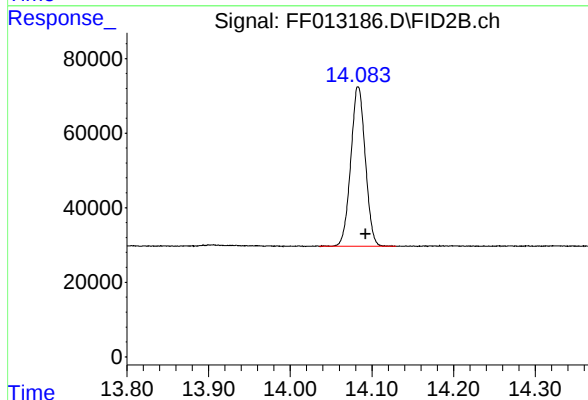
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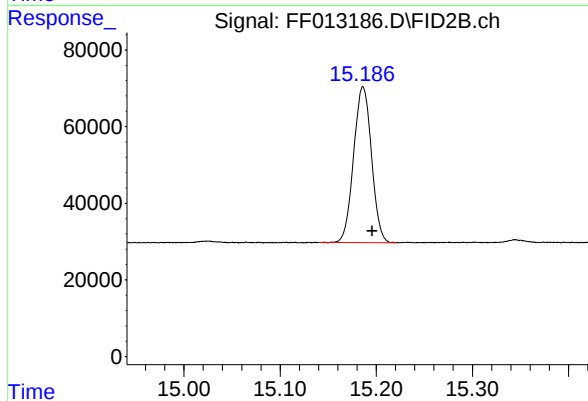
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 4752437
Conc: 45.35 ug/ml



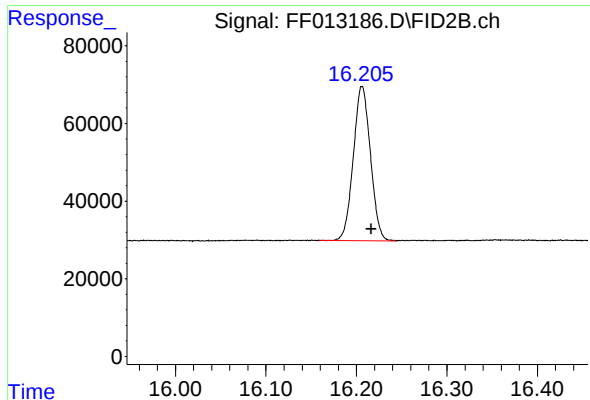
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 526674
Conc: 4.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.009 min
Response: 526238
Conc: 4.79 ug/ml



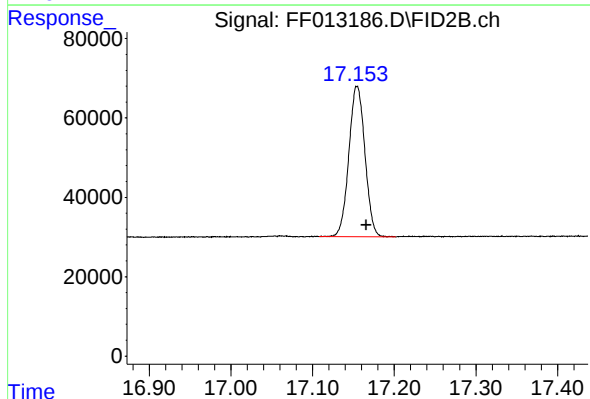
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.010 min
Response: 522773
Conc: 4.78 ug/ml

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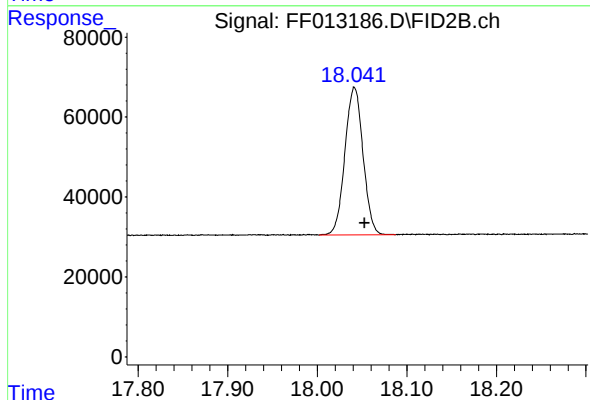
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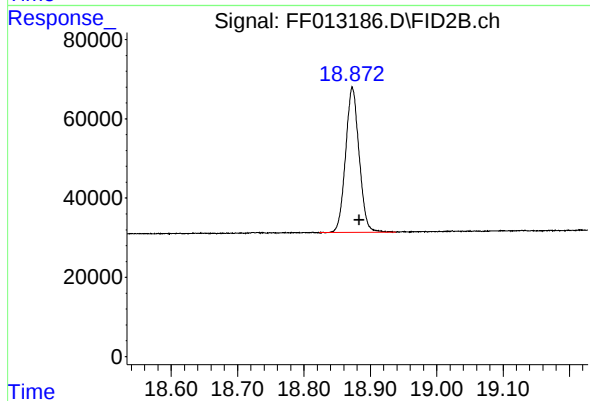
#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.011 min
Response: 517963
Conc: 4.80 ug/ml



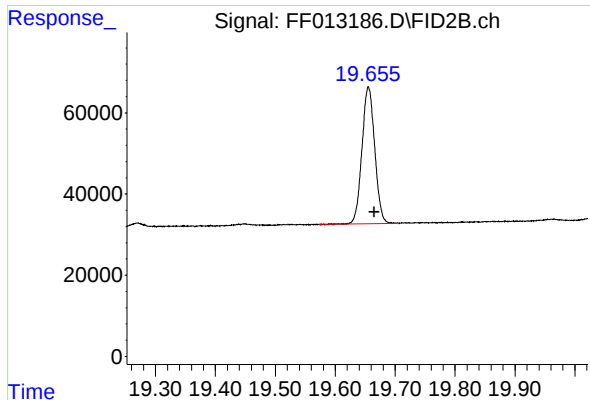
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 518718
Conc: 4.74 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.011 min
Response: 518868
Conc: 4.59 ug/ml



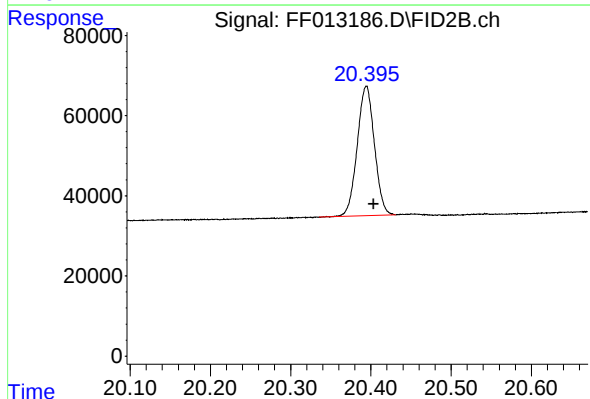
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.010 min
Response: 498398
Conc: 4.69 ug/ml

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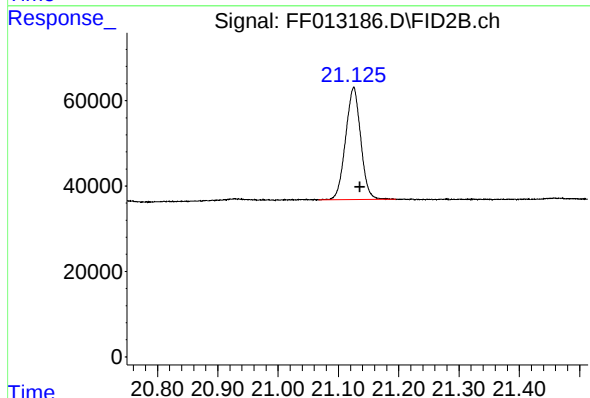
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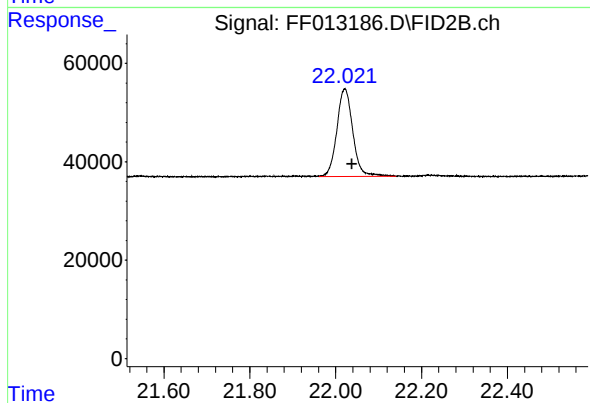
#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.009 min
Response: 481428
Conc: 4.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.011 min
Response: 457632
Conc: 4.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.017 min
Response: 458877
Conc: 4.62 ug/ml m