

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016866.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 18:49
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 4PPM WATER LOD
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 04:36:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 2025
 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...	13.386	2164161	18.853 ug/mlm
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.301	276485	2.305 ug/ml
2) T n-Decane (C10)	4.560	356863	2.919 ug/ml
4) T n-Dodecane (C12)	6.737	444702	3.611 ug/ml
6) T n-Tetradecane (C14)	8.570	453130	3.733 ug/ml
7) T n-Hexadecane (C16)	10.179	417239	3.282 ug/mlm
8) T n-Octadecane (C18)	11.625	461423	3.492 ug/ml
10) T n-Eicosane (C20)	12.938	515804	3.918 ug/ml
11) T n-Heneicosane (C21)	13.552	461628	3.536 ug/ml
13) T n-Docosane (C22)	14.140	491950	3.700 ug/ml
14) T n-Tetracosane (C24)	15.247	476968	3.429 ug/ml
15) T n-Hexacosane (C26)	16.271	461906	3.334 ug/ml
16) T n-Octacosane (C28)	17.225	457296	3.309 ug/ml
17) T n-Tricontane (C30)	18.115	479107	3.407 ug/ml
18) T n-Dotriacontane (C32)	18.951	480213	3.542 ug/mlm
19) T n-Tetratriacontane (C34)	19.738	456505	3.859 ug/ml
20) T n-Hexatriacontane (C36)	20.480	447753	4.564 ug/ml
21) T n-Octatriacontane (C38)	21.236	394713	4.484 ug/ml
22) T n-Tetracontane (C40)	22.173	399665	4.713 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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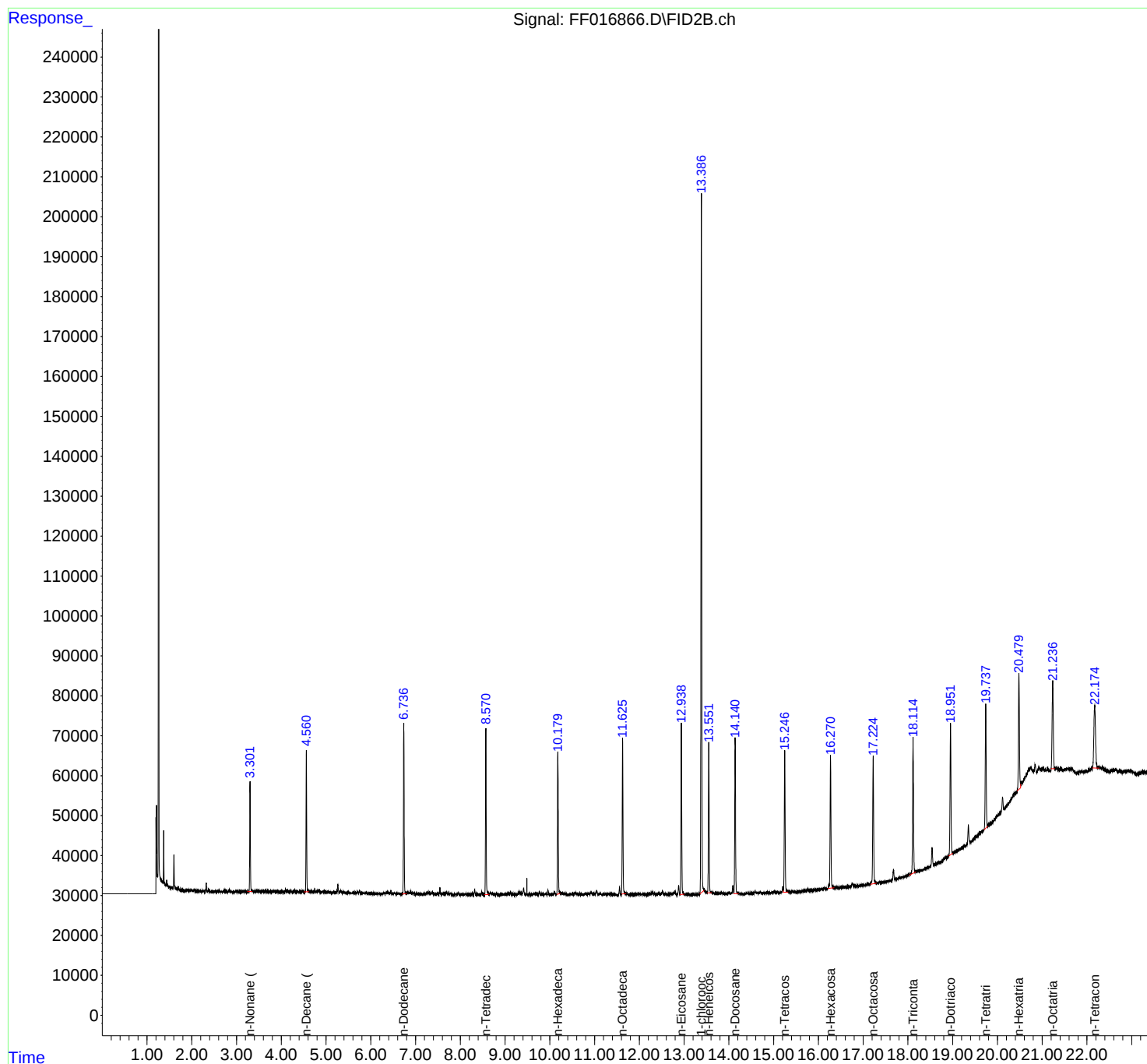
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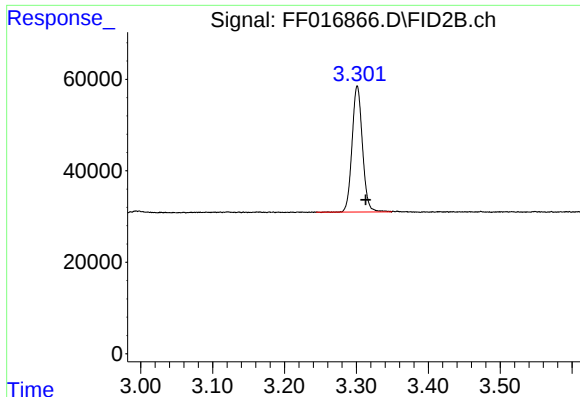
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#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 276485
Conc: 2.30 ug/ml

Instrument :

FID_F

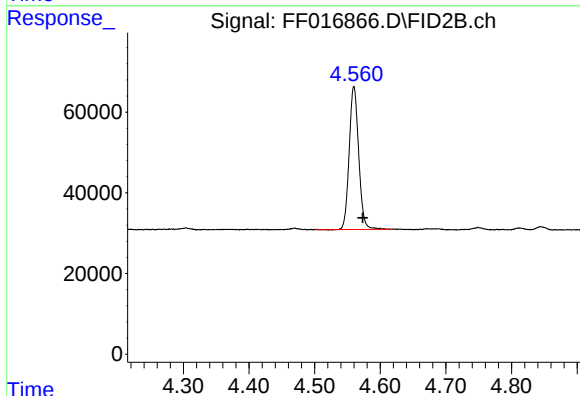
ClientSampleId :

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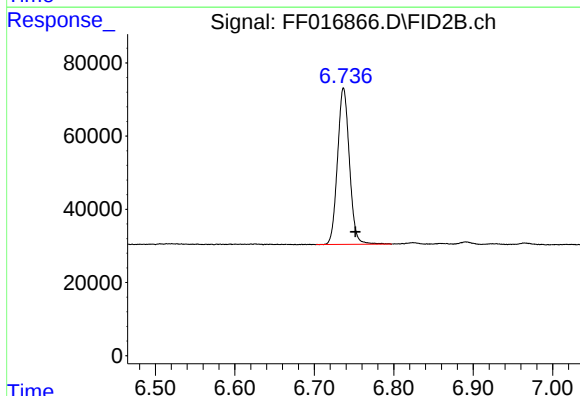
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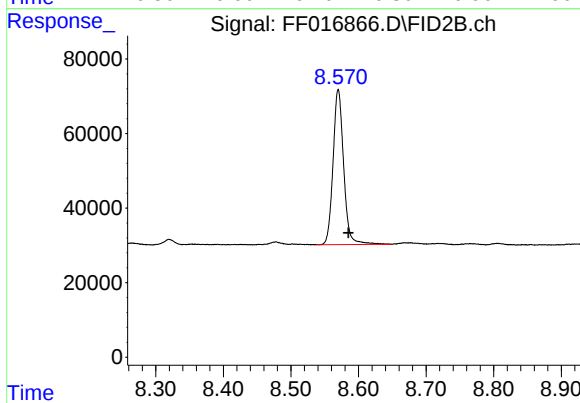
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.014 min
Response: 356863
Conc: 2.92 ug/ml



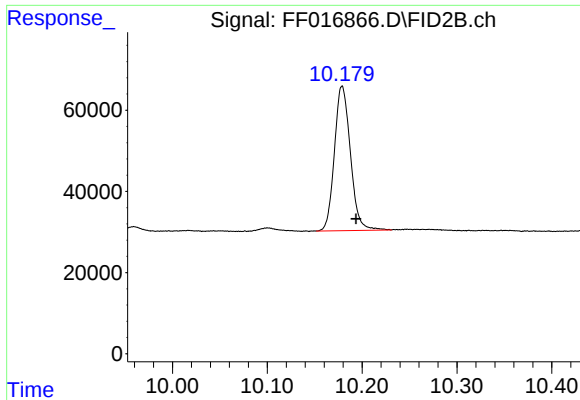
#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.015 min
Response: 444702
Conc: 3.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.015 min
Response: 453130
Conc: 3.73 ug/ml



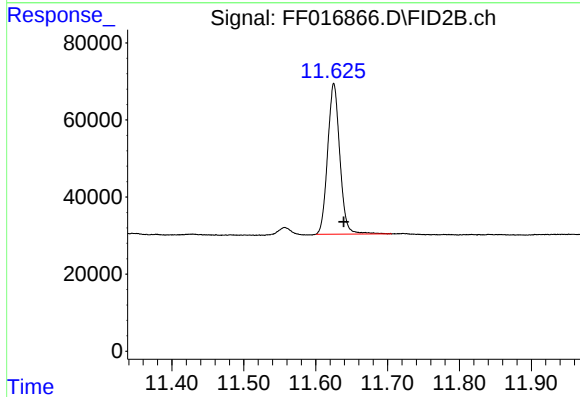
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.014 min
Response: 417239
Conc: 3.28 ug/ml

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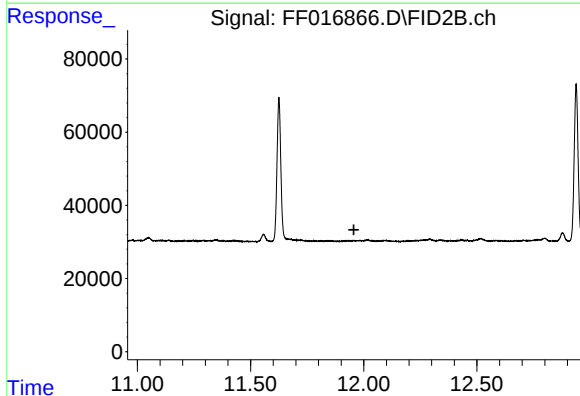
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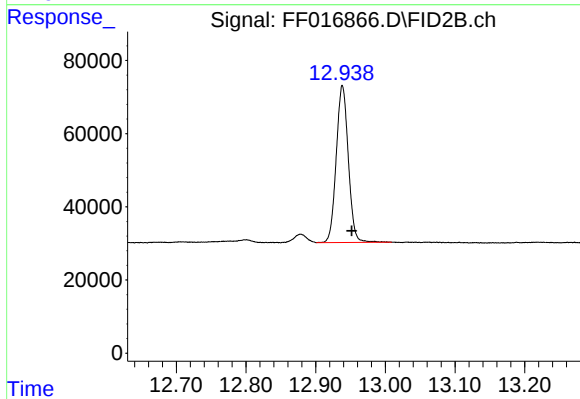
#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.014 min
Response: 461423
Conc: 3.49 ug/ml



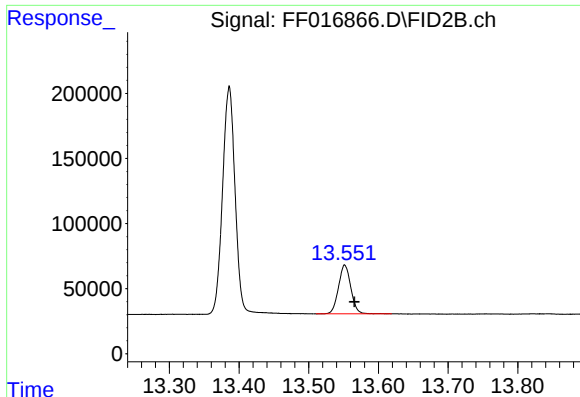
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.957 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.014 min
Response: 515804
Conc: 3.92 ug/ml



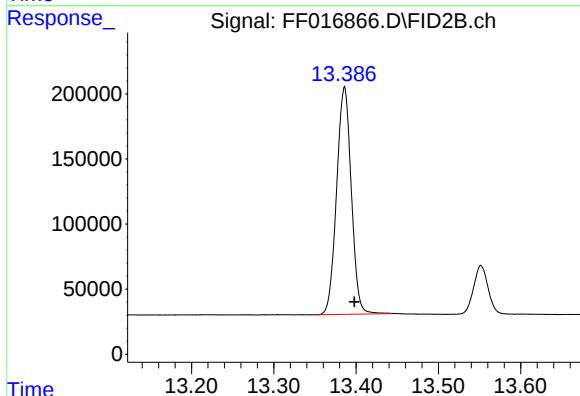
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.014 min
Response: 461628
Conc: 3.54 ug/ml

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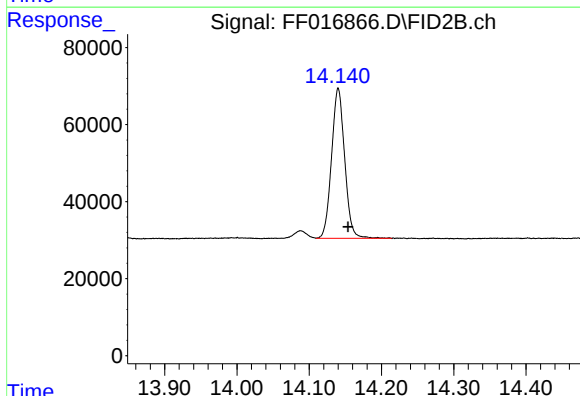
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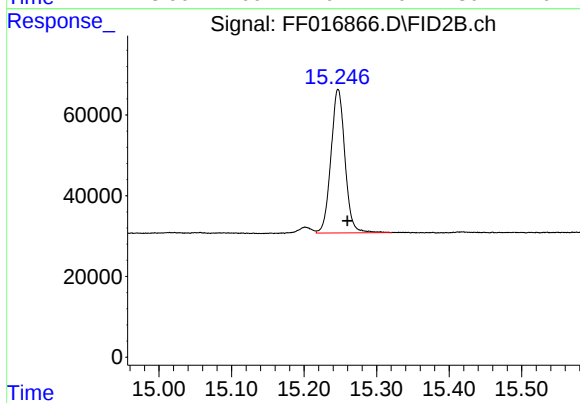
#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.012 min
Response: 2164161
Conc: 18.85 ug/ml m



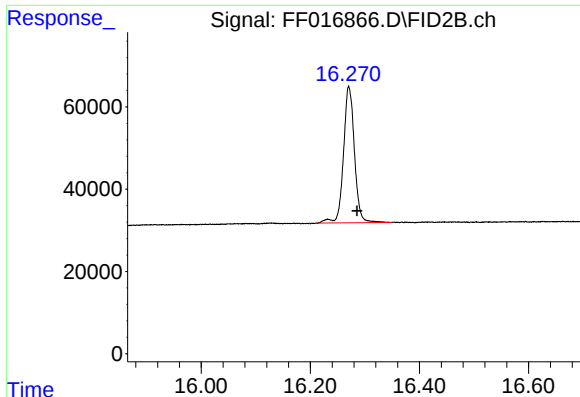
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.014 min
Response: 491950
Conc: 3.70 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.013 min
Response: 476968
Conc: 3.43 ug/ml



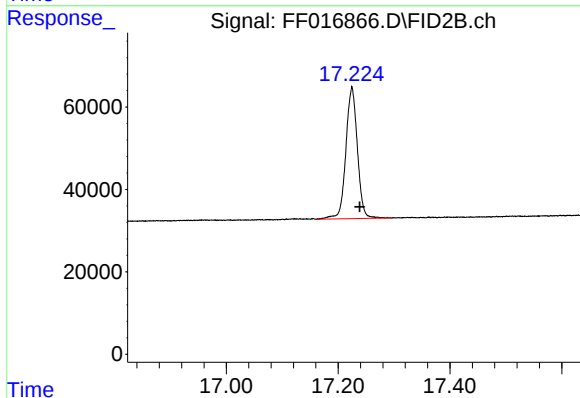
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.014 min
Response: 461906
Conc: 3.33 ug/ml

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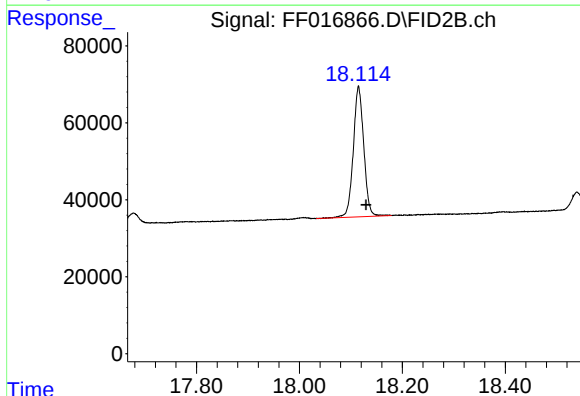
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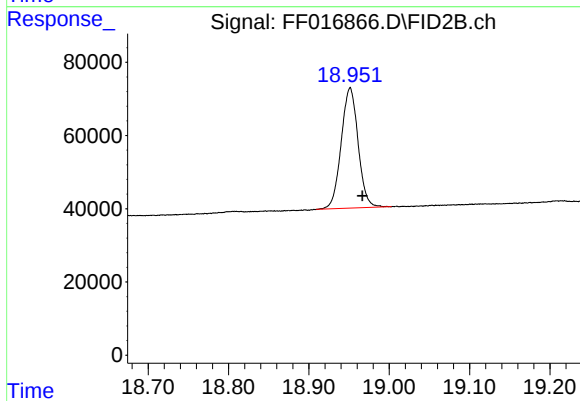
#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.014 min
Response: 457296
Conc: 3.31 ug/ml



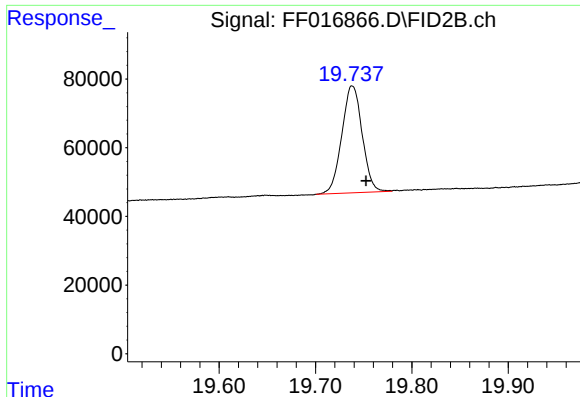
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.015 min
Response: 479107
Conc: 3.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.015 min
Response: 480213
Conc: 3.54 ug/ml m



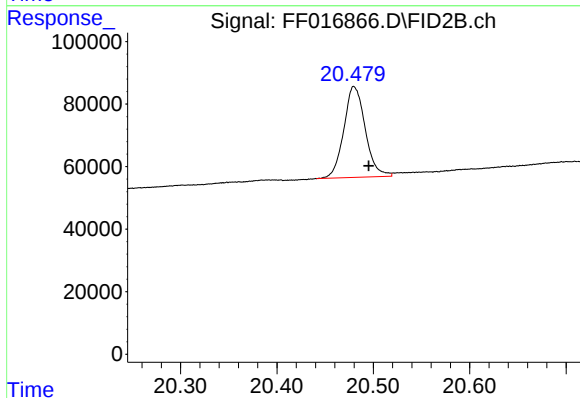
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: -0.014 min
Response: 456505
Conc: 3.86 ug/ml

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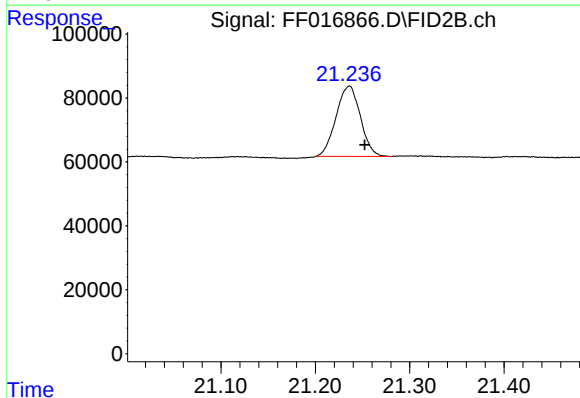
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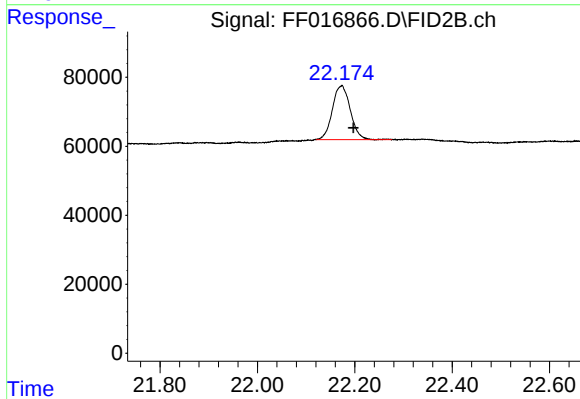
#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: -0.015 min
Response: 447753
Conc: 4.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: -0.017 min
Response: 394713
Conc: 4.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: -0.024 min
Response: 399665
Conc: 4.71 ug/ml