

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014058.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 11:23
 Operator : YP\AJ
 Sample : P3390-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 04:46:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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...	13.291	5690872	56.312 ug/ml
Spiked Amount 50.000		Recovery =	112.62%
Target Compounds			
1) T n-Nonane (C9)	3.216	211149	1.620 ug/ml
2) T n-Decane (C10)	4.467	262587	1.978 ug/ml
4) T n-Dodecane (C12)	6.639	417805	3.152 ug/ml
6) T n-Tetradecane (C14)	8.471	378062	2.914 ug/ml
7) T n-Hexadecane (C16)	10.082	340134	2.585 ug/ml
8) T n-Octadecane (C18)	11.529	364741	2.782 ug/ml
10) T n-Eicosane (C20)	12.843	364834	2.940 ug/ml
11) T n-Heneicosane (C21)	13.456	330208	2.721 ug/ml
13) T n-Docosane (C22)	14.043	371847	3.098 ug/ml
14) T n-Tetracosane (C24)	15.149	401040	3.383 ug/ml
15) T n-Hexacosane (C26)	16.174	406503	3.495 ug/ml
16) T n-Octacosane (C28)	17.126	411820	3.614 ug/ml
17) T n-Tricontane (C30)	18.016	438563	3.785 ug/ml
18) T n-Dotriacontane (C32)	18.850	419521	3.663 ug/ml
19) T n-Tetratriacontane (C34)	19.637	378377	3.334 ug/ml
20) T n-Hexatriacontane (C36)	20.379	328904	2.938 ug/ml
21) T n-Octatriacontane (C38)	21.112	313756	2.711 ug/mlm
22) T n-Tetracontane (C40)	22.010	303319	2.607 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3390-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

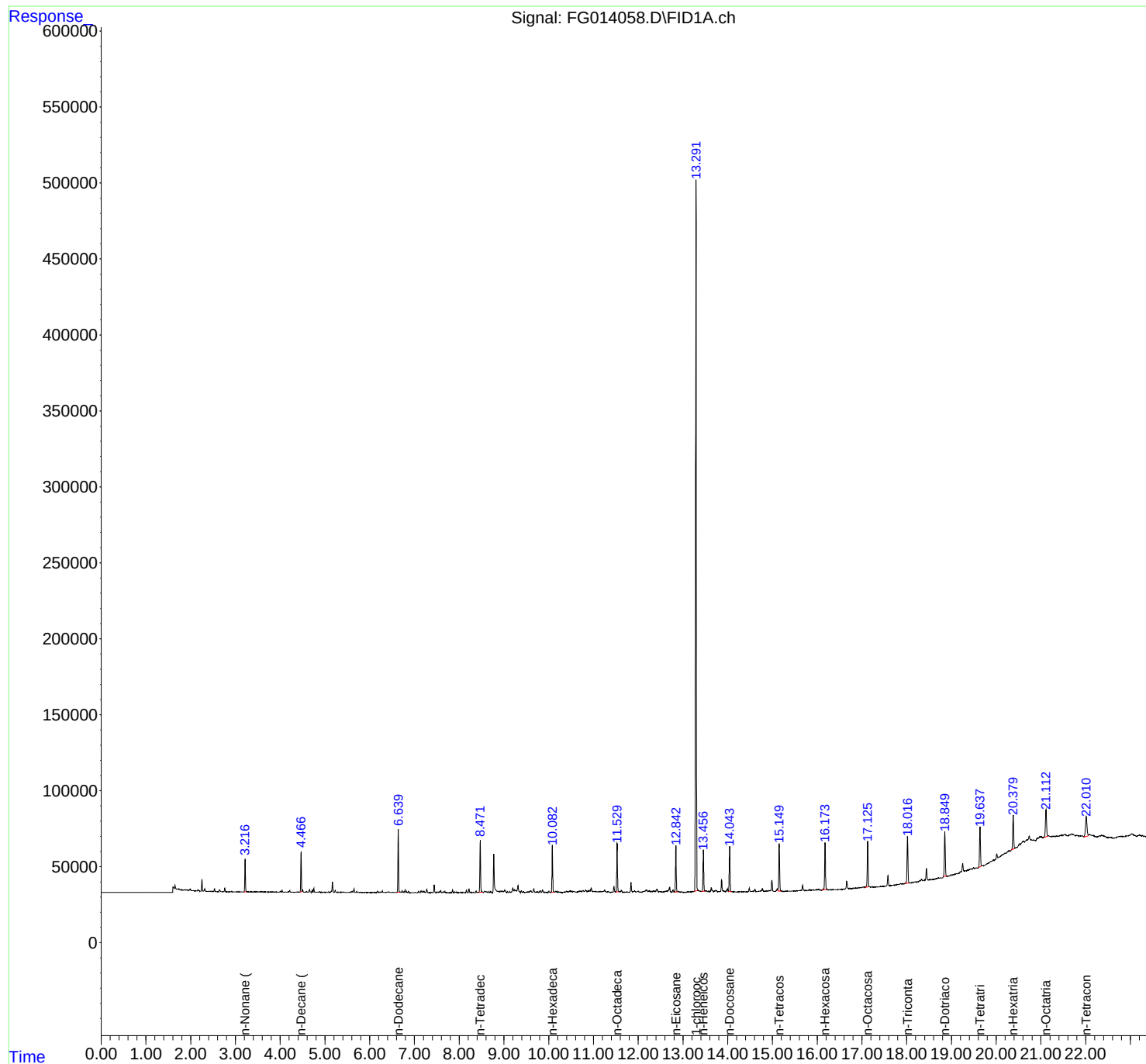
Instrument :
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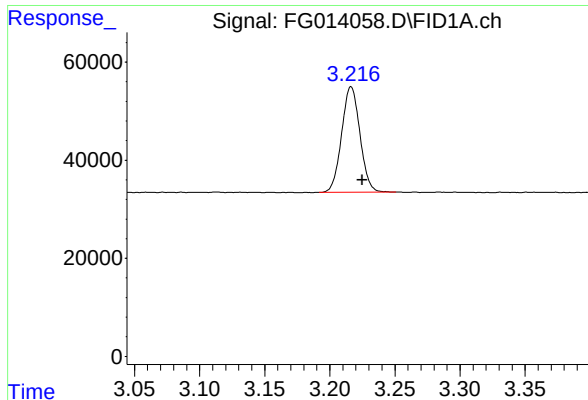
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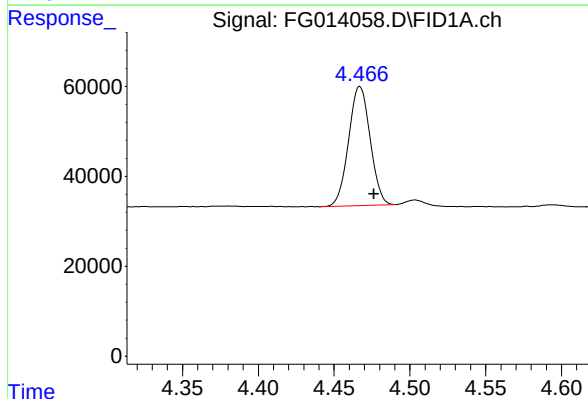
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.009 min
Response: 211149
Conc: 1.62 ug/ml

Instrument :
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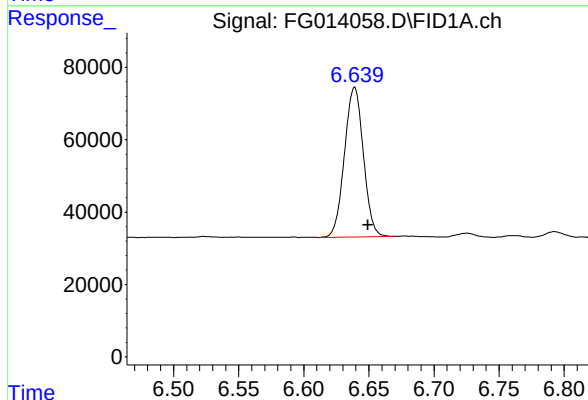
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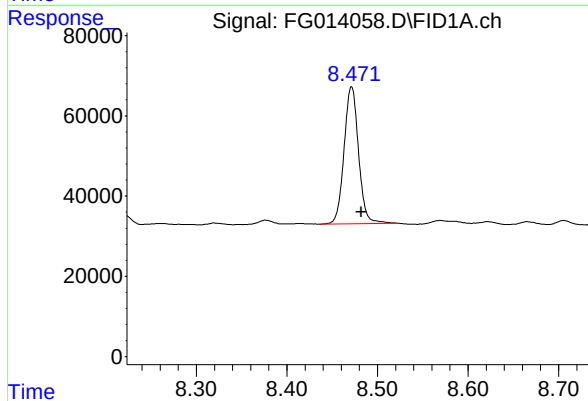
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 262587
Conc: 1.98 ug/ml



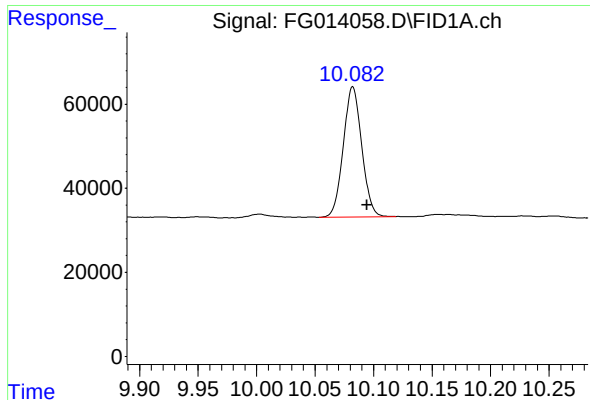
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 417805
Conc: 3.15 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 378062
Conc: 2.91 ug/ml



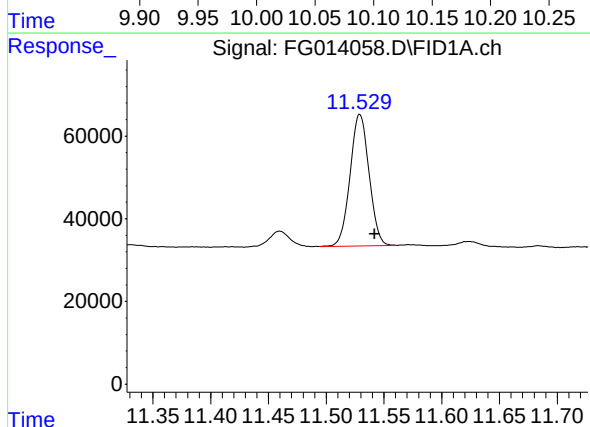
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 340134
Conc: 2.58 ug/ml

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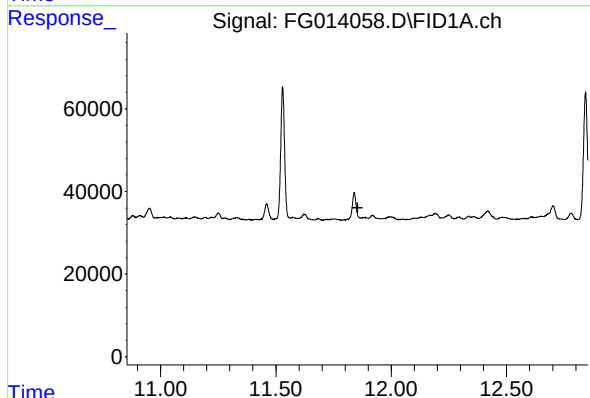
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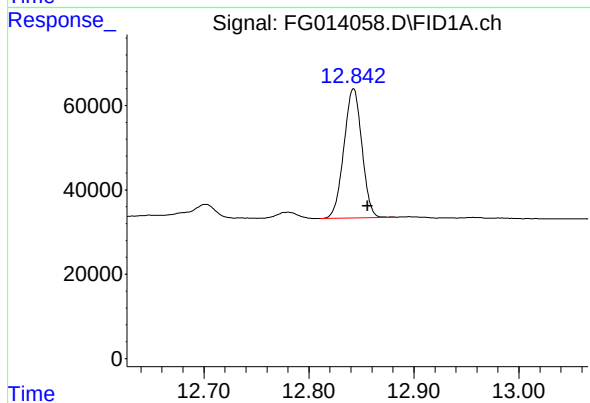
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.013 min
Response: 364741
Conc: 2.78 ug/ml



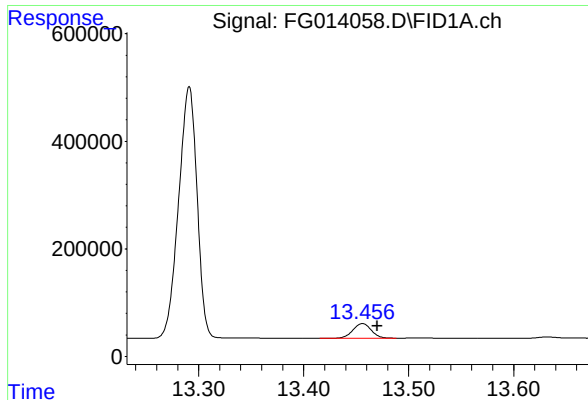
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.854 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.013 min
Response: 364834
Conc: 2.94 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.014 min
Response: 330208
Conc: 2.72 ug/ml

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#12 1-chlorooctadecane (SURR)

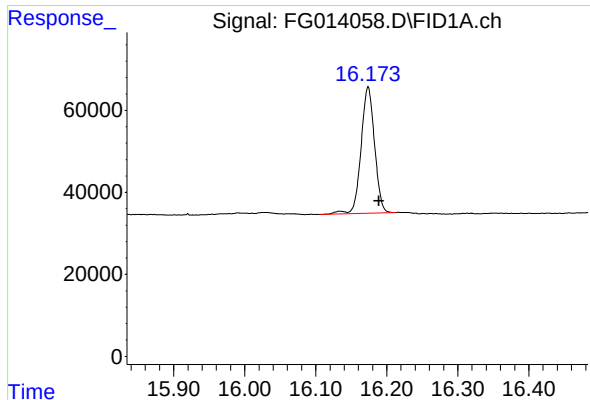
R.T.: 13.291 min
Delta R.T.: -0.009 min
Response: 5690872
Conc: 56.31 ug/ml

#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 371847
Conc: 3.10 ug/ml

#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 401040
Conc: 3.38 ug/ml



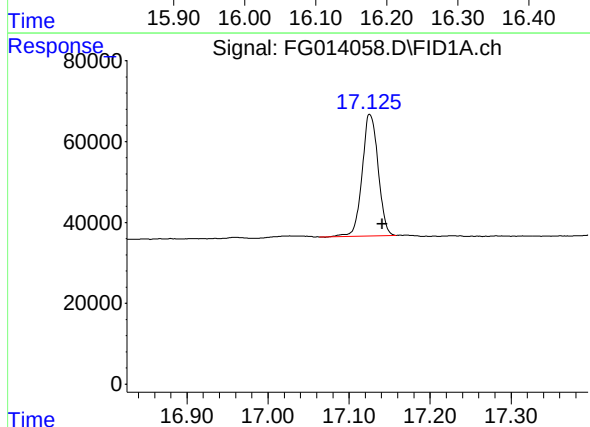
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.015 min
Response: 406503
Conc: 3.50 ug/ml

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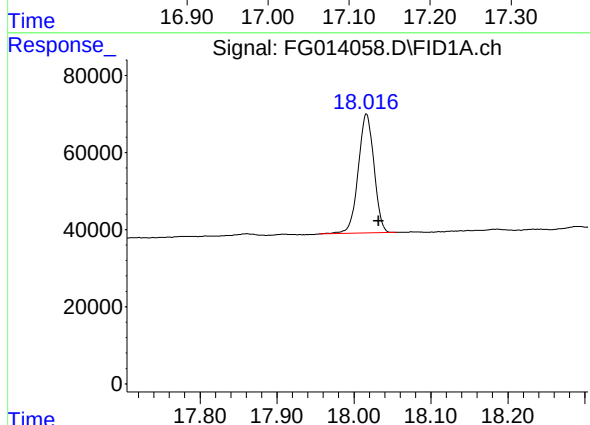
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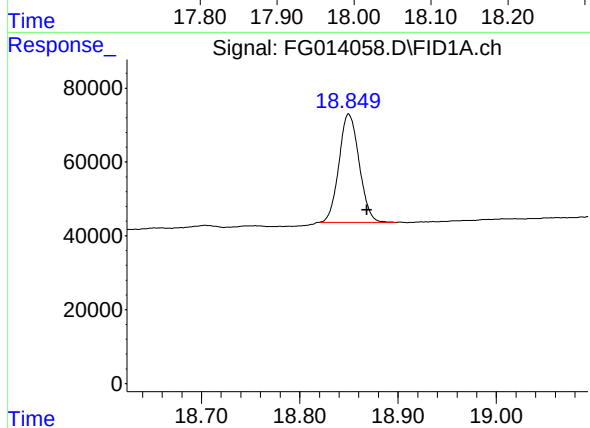
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.016 min
Response: 411820
Conc: 3.61 ug/ml



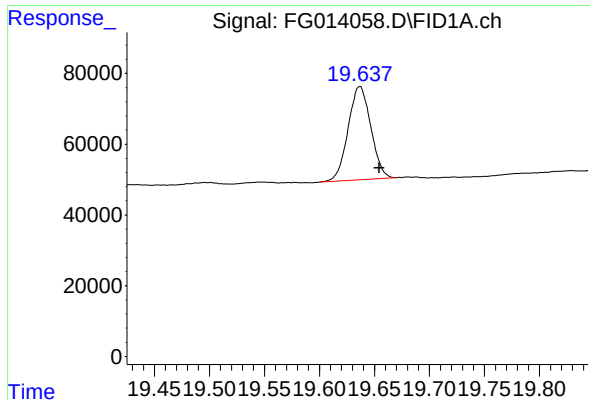
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.016 min
Response: 438563
Conc: 3.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.019 min
Response: 419521
Conc: 3.66 ug/ml



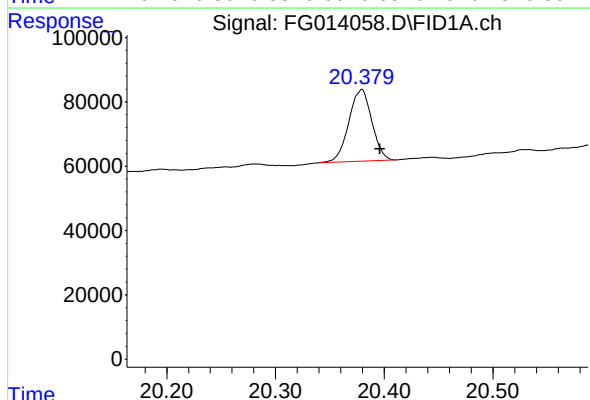
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.017 min
Response: 378377
Conc: 3.33 ug/ml

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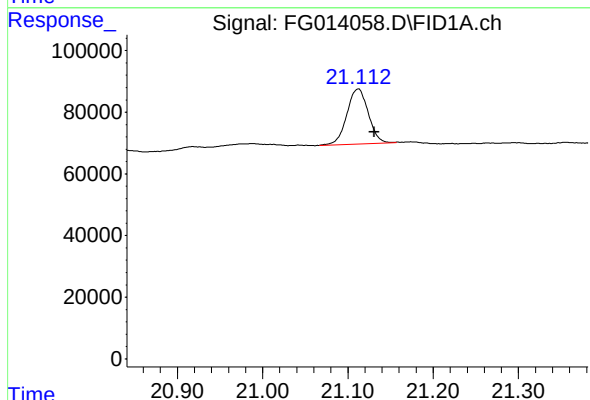
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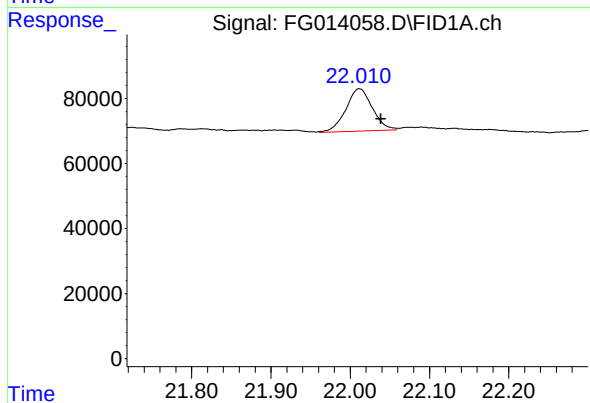
#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.017 min
Response: 328904
Conc: 2.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: -0.019 min
Response: 313756
Conc: 2.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: -0.028 min
Response: 303319
Conc: 2.61 ug/ml m