

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014060.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 12:52
 Operator : YP\AJ
 Sample : P3390-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 06 04:46:24 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...	13.287	2576862	25.498 ug/ml
Spiked Amount 50.000		Recovery =	51.00%
Target Compounds			
1) T n-Nonane (C9)	3.216	282251	2.166 ug/ml
2) T n-Decane (C10)	4.467	338727	2.551 ug/ml
4) T n-Dodecane (C12)	6.638	413234	3.117 ug/ml
6) T n-Tetradecane (C14)	8.471	438965	3.383 ug/ml
7) T n-Hexadecane (C16)	10.082	407442	3.096 ug/ml
8) T n-Octadecane (C18)	11.528	425190	3.243 ug/ml
10) T n-Eicosane (C20)	12.842	457167	3.684 ug/ml
11) T n-Heneicosane (C21)	13.456	400831	3.303 ug/ml
13) T n-Docosane (C22)	14.043	505497	4.212 ug/ml
14) T n-Tetracosane (C24)	15.149	661432	5.579 ug/ml
15) T n-Hexacosane (C26)	16.173	773153	6.648 ug/ml
16) T n-Octacosane (C28)	17.127	892705	7.835 ug/ml
17) T n-Tricontane (C30)	18.016	923607	7.971 ug/ml
18) T n-Dotriacontane (C32)	18.851	776641	6.781 ug/ml
19) T n-Tetratriacontane (C34)	19.636	603763	5.321 ug/ml
20) T n-Hexatriacontane (C36)	20.378	505601	4.516 ug/ml
21) T n-Octatriacontane (C38)	21.112	445381	3.849 ug/ml
22) T n-Tetracontane (C40)	22.013	378402	3.252 ug/ml

(f)=RT Delta > 1/2 Window

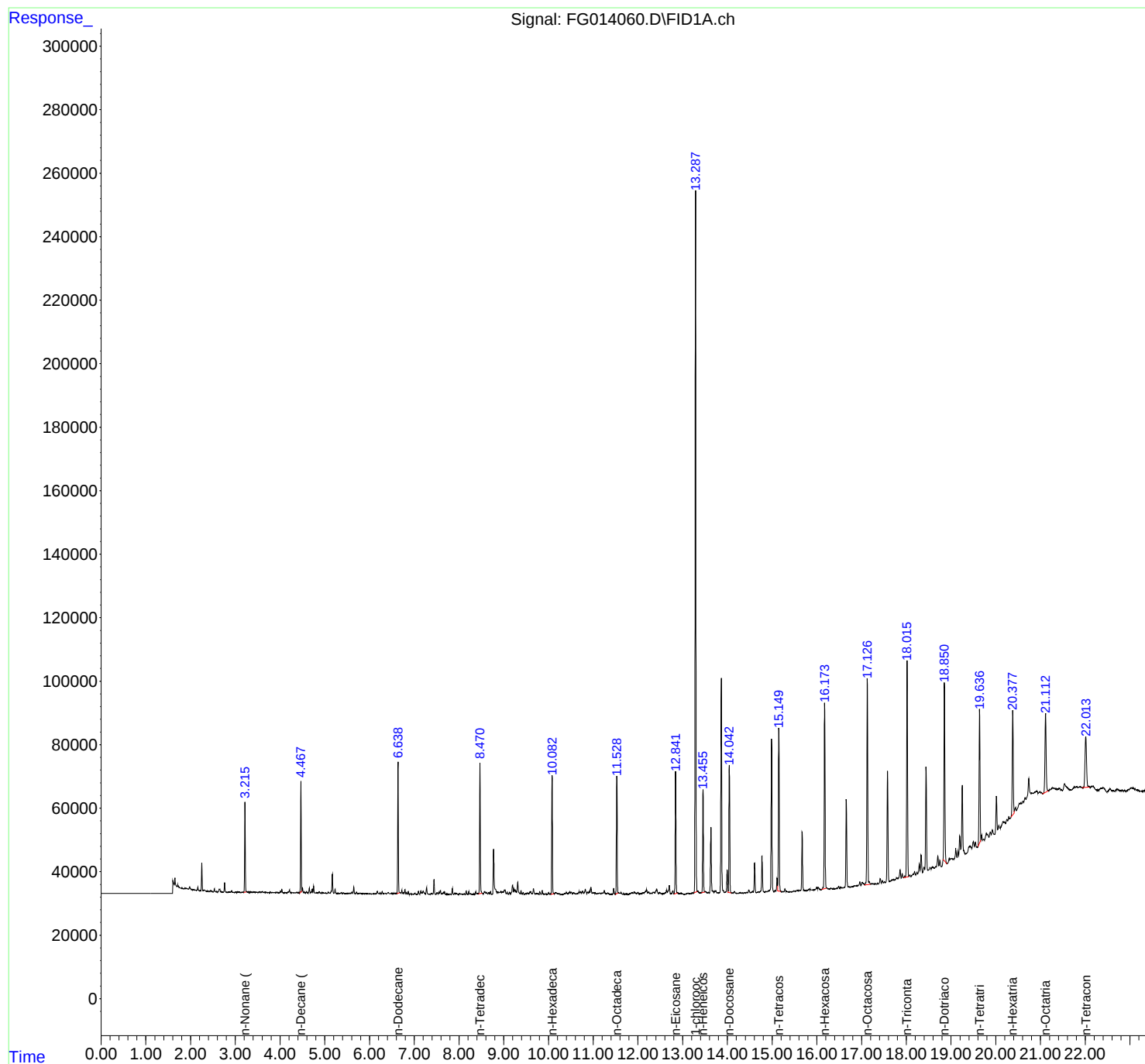
(m)=manual int.

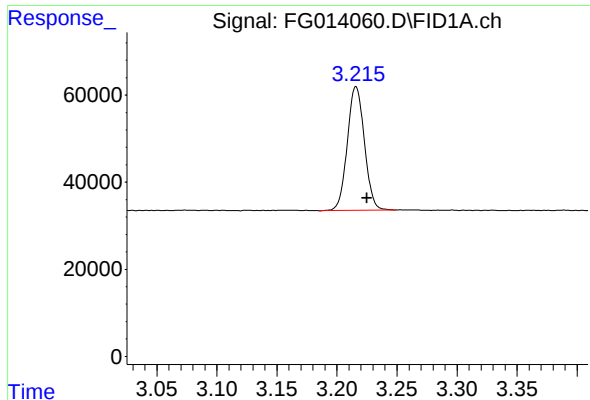
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
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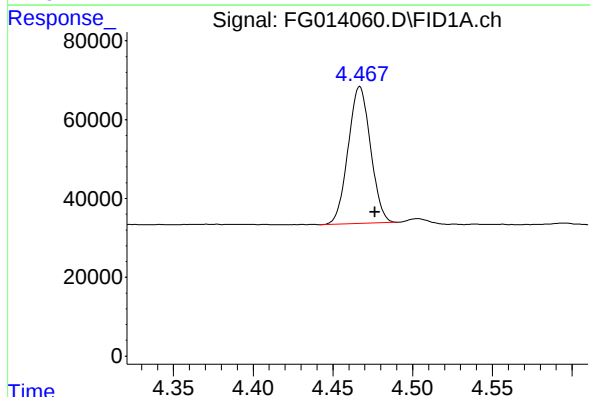




#1 n-Nonane (C9)

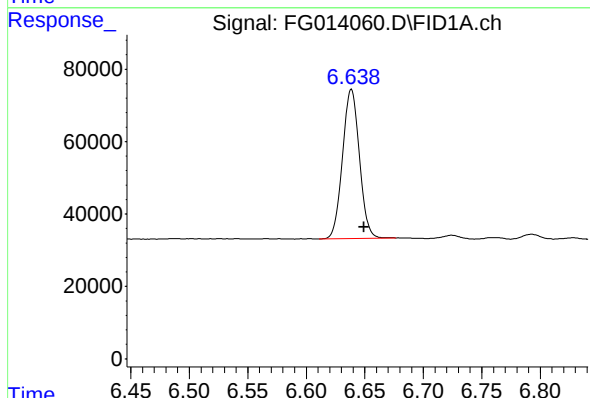
R.T.: 3.216 min
Delta R.T.: -0.009 min
Response: 282251
Conc: 2.17 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



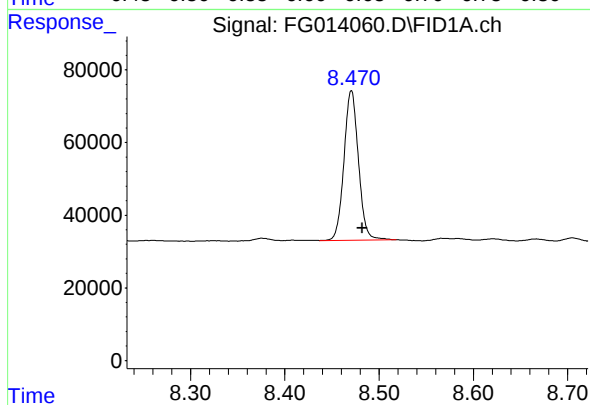
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.010 min
Response: 338727
Conc: 2.55 ug/ml



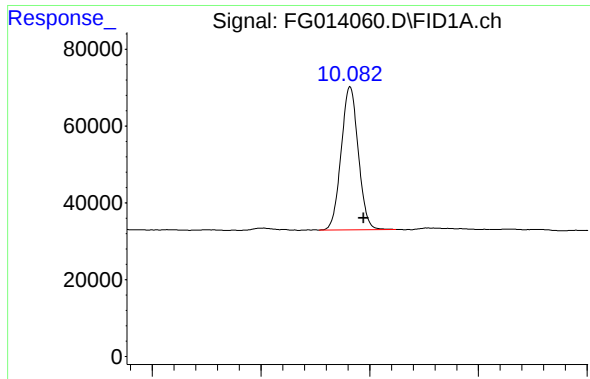
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.011 min
Response: 413234
Conc: 3.12 ug/ml



#6 n-Tetradecane (C14)

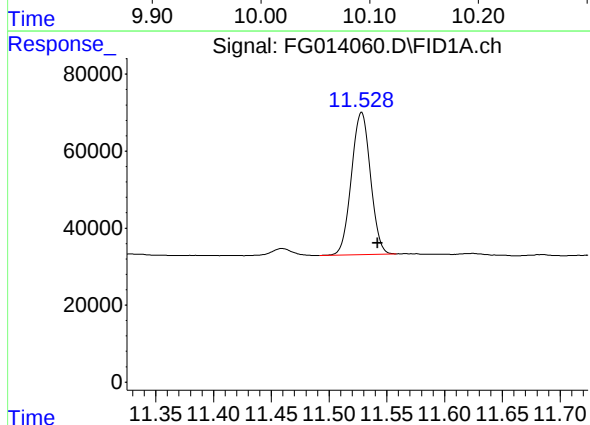
R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 438965
Conc: 3.38 ug/ml



#7 n-Hexadecane (C16)

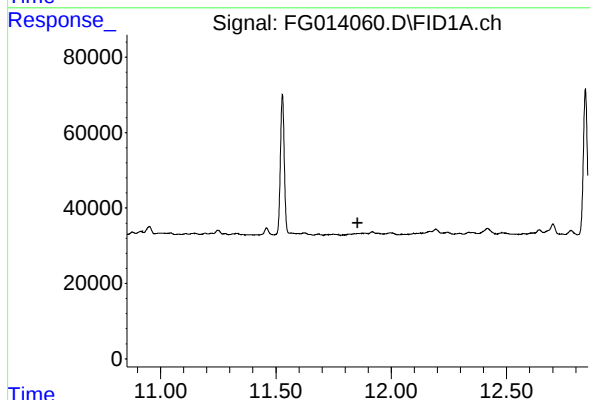
R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 407442
Conc: 3.10 ug/ml

Instrument :
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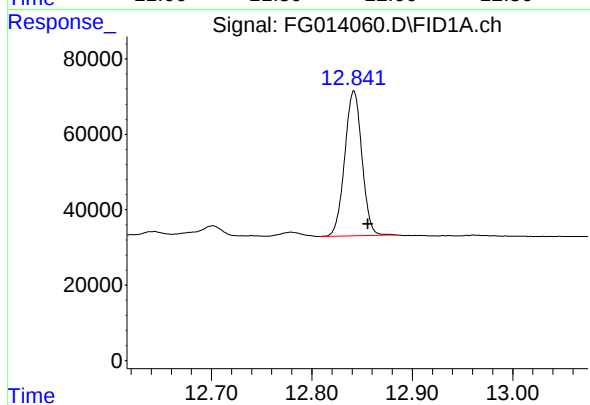
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 425190
Conc: 3.24 ug/ml



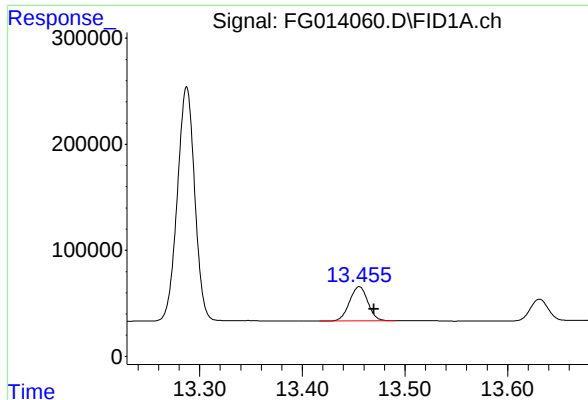
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

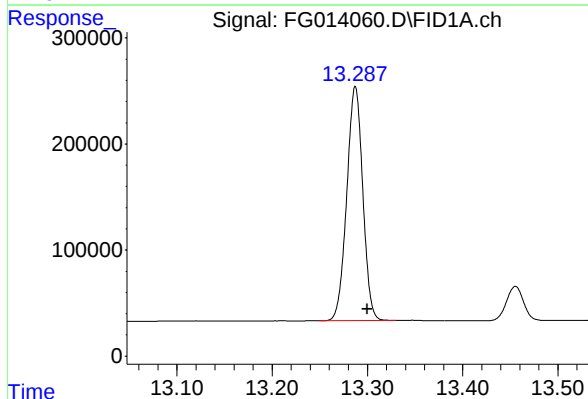
R.T.: 12.842 min
Delta R.T.: -0.014 min
Response: 457167
Conc: 3.68 ug/ml



#11 n-Heneicosane (C21)

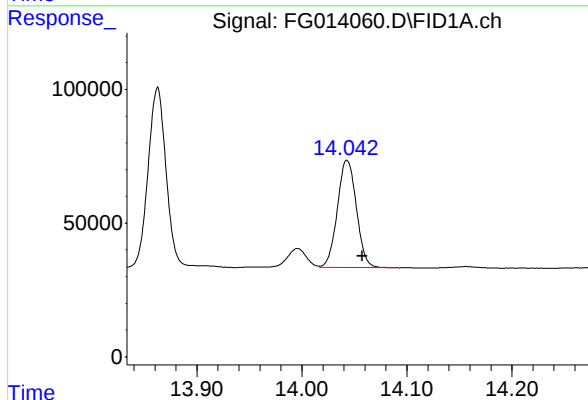
R.T.: 13.456 min
Delta R.T.: -0.014 min
Response: 400831
Conc: 3.30 ug/ml

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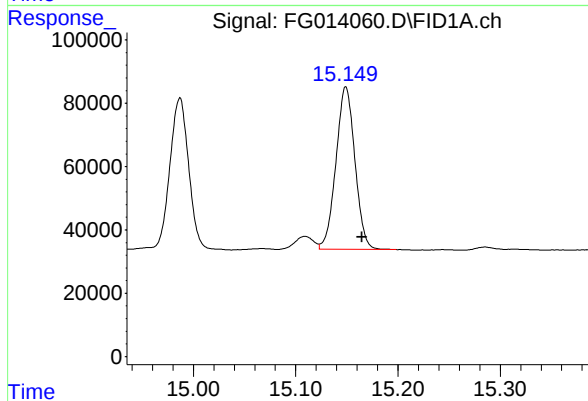
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.013 min
Response: 2576862
Conc: 25.50 ug/ml



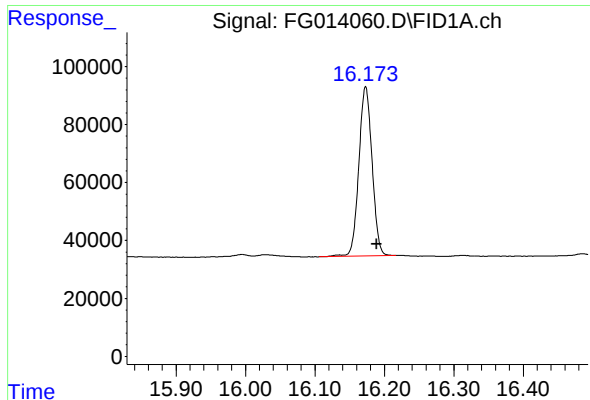
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 505497
Conc: 4.21 ug/ml



#14 n-Tetracosane (C24)

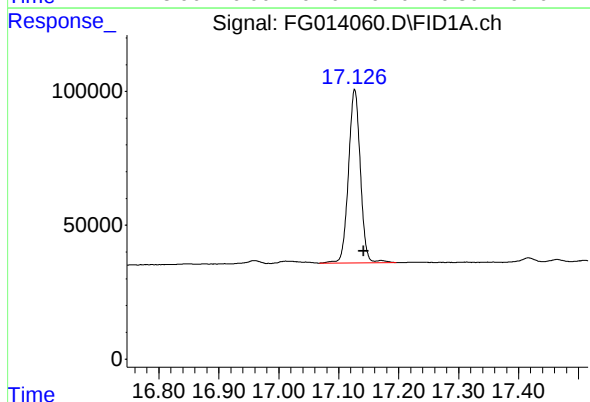
R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 661432
Conc: 5.58 ug/ml



#15 n-Hexacosane (C26)

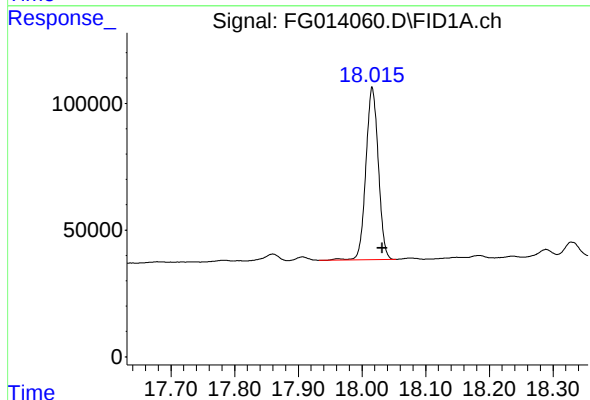
R.T.: 16.173 min
Delta R.T.: -0.016 min
Response: 773153
Conc: 6.65 ug/ml

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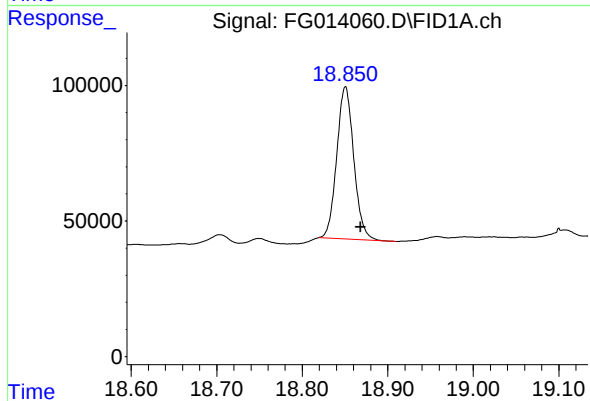
#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.015 min
Response: 892705
Conc: 7.83 ug/ml



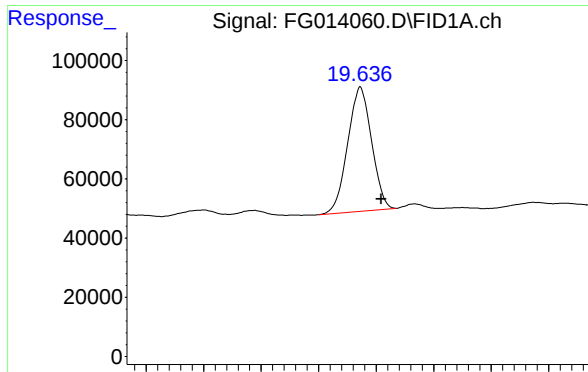
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.016 min
Response: 923607
Conc: 7.97 ug/ml



#18 n-Dotriacontane (C32)

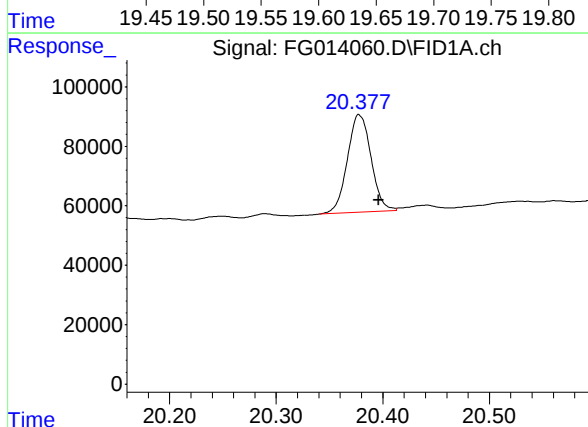
R.T.: 18.851 min
Delta R.T.: -0.018 min
Response: 776641
Conc: 6.78 ug/ml



#19 n-Tetratriacontane (C34)

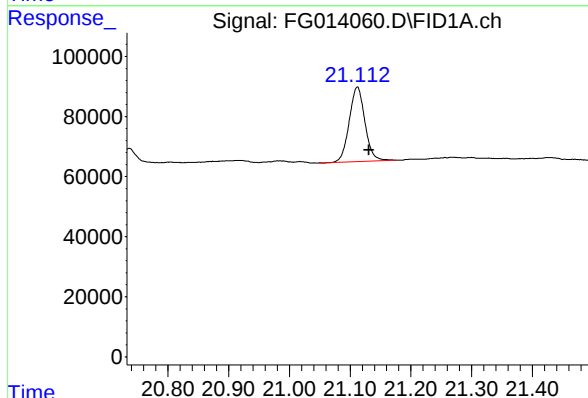
R.T.: 19.636 min
Delta R.T.: -0.018 min
Response: 603763
Conc: 5.32 ug/ml

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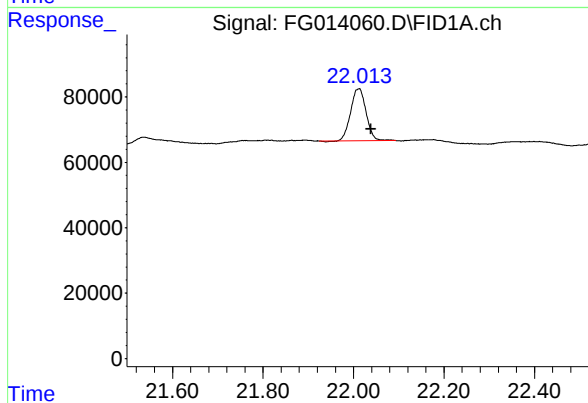
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.018 min
Response: 505601
Conc: 4.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: -0.019 min
Response: 445381
Conc: 3.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: -0.026 min
Response: 378402
Conc: 3.25 ug/ml