

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014061.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 13:21
 Operator : YP\AJ
 Sample : P3390-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 06 04:46:32 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	2599839	25.726 ug/ml
Spiked Amount 50.000		Recovery =	51.45%
Target Compounds			
1) T n-Nonane (C9)	3.216	283408	2.175 ug/ml
2) T n-Decane (C10)	4.468	342554	2.580 ug/ml
4) T n-Dodecane (C12)	6.638	418272	3.155 ug/ml
6) T n-Tetradecane (C14)	8.471	441210	3.401 ug/ml
7) T n-Hexadecane (C16)	10.082	409155	3.109 ug/ml
8) T n-Octadecane (C18)	11.528	426455	3.253 ug/ml
10) T n-Eicosane (C20)	12.841	461346	3.718 ug/ml
11) T n-Heneicosane (C21)	13.454	404553	3.334 ug/ml
13) T n-Docosane (C22)	14.042	509872	4.248 ug/ml
14) T n-Tetracosane (C24)	15.148	665568	5.614 ug/ml
15) T n-Hexacosane (C26)	16.174	779252	6.701 ug/ml
16) T n-Octacosane (C28)	17.126	899569	7.895 ug/ml
17) T n-Tricontane (C30)	18.015	936003	8.078 ug/ml
18) T n-Dotriacontane (C32)	18.850	789231	6.891 ug/ml
19) T n-Tetratriacontane (C34)	19.635	613526	5.407 ug/ml
20) T n-Hexatriacontane (C36)	20.378	503201	4.494 ug/ml
21) T n-Octatriacontane (C38)	21.110	444651	3.842 ug/ml
22) T n-Tetracontane (C40)	22.008	482518	4.147 ug/ml

(f)=RT Delta > 1/2 Window

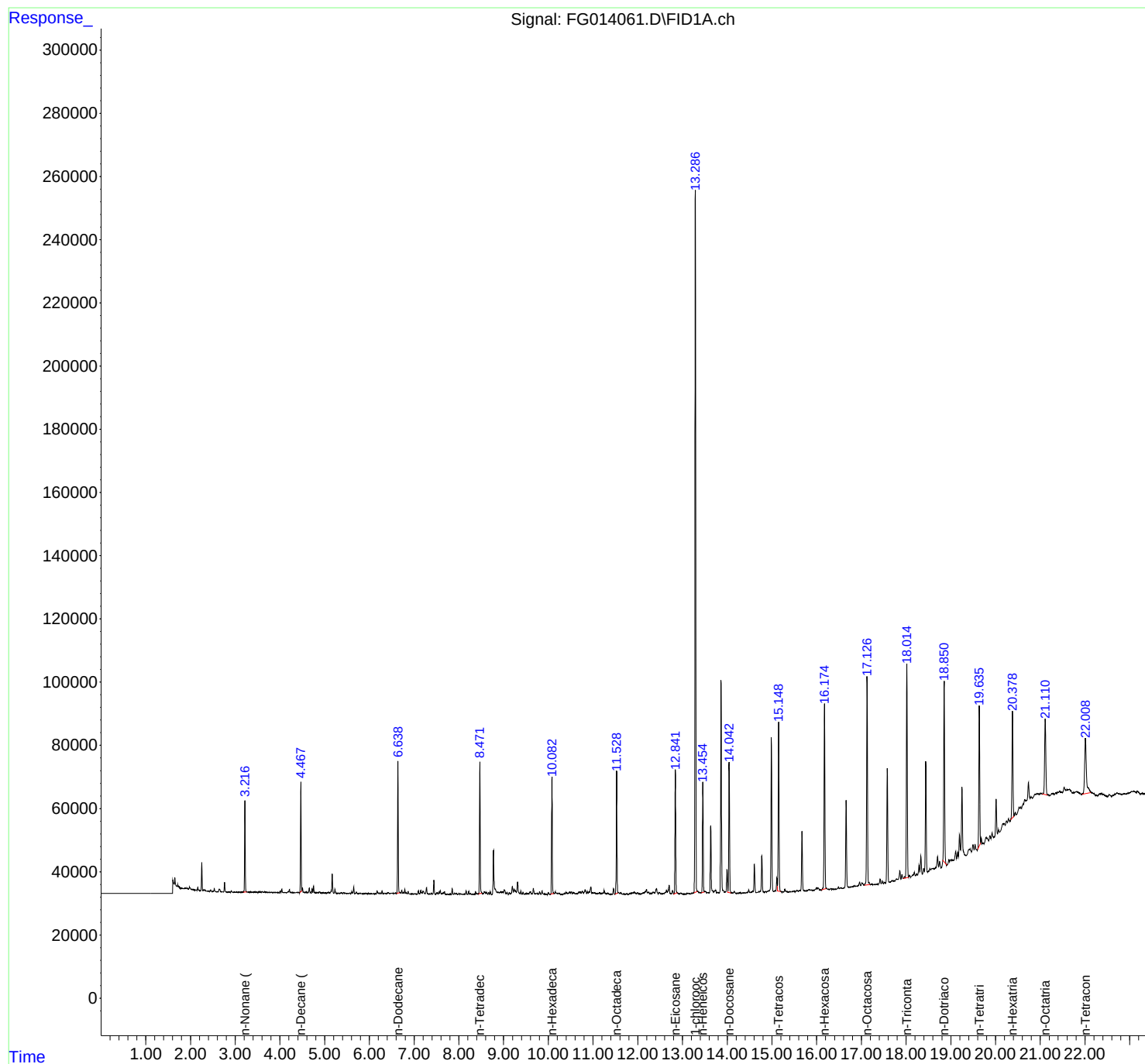
(m)=manual int.

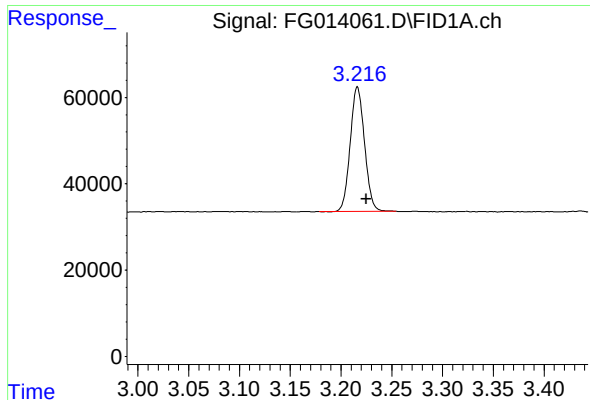
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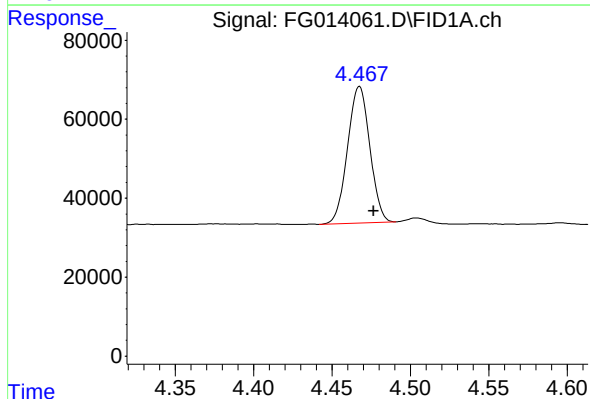




#1 n-Nonane (C9)

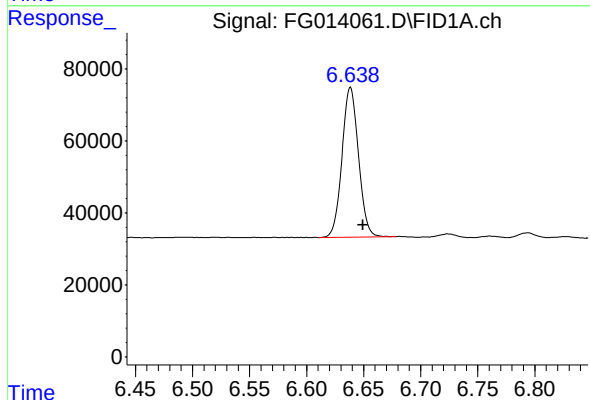
R.T.: 3.216 min
Delta R.T.: -0.009 min
Response: 283408
Conc: 2.17 ug/ml

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



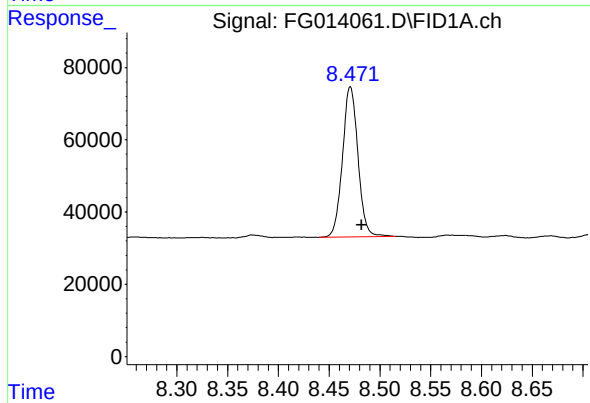
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.009 min
Response: 342554
Conc: 2.58 ug/ml



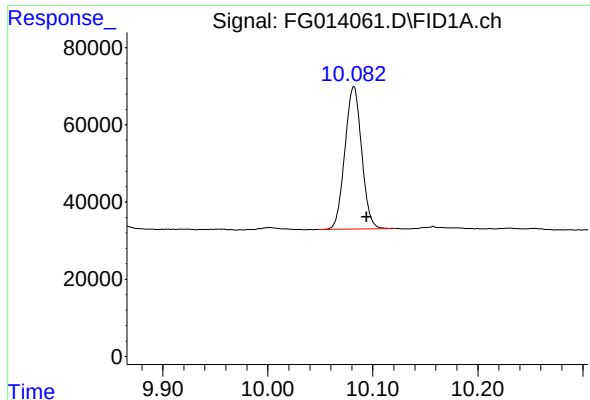
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.011 min
Response: 418272
Conc: 3.16 ug/ml



#6 n-Tetradecane (C14)

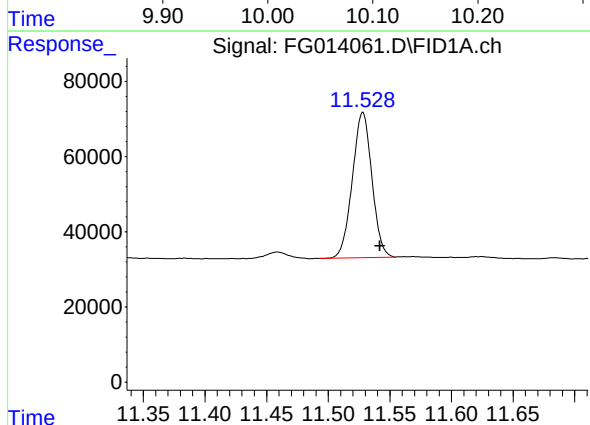
R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 441210
Conc: 3.40 ug/ml



#7 n-Hexadecane (C16)

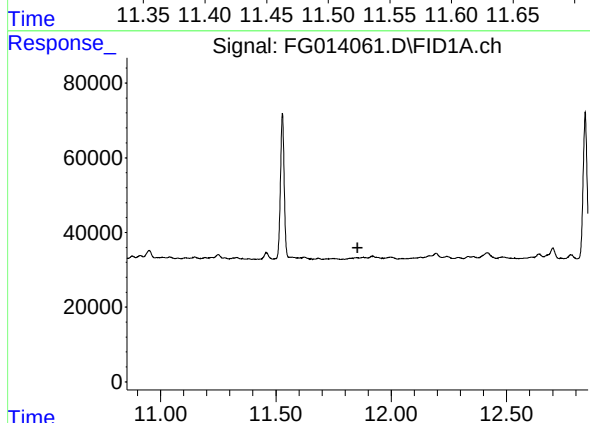
R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 409155
Conc: 3.11 ug/ml

Instrument :
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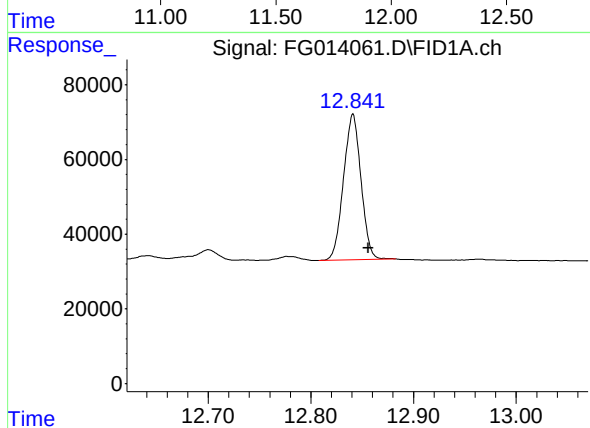
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 426455
Conc: 3.25 ug/ml



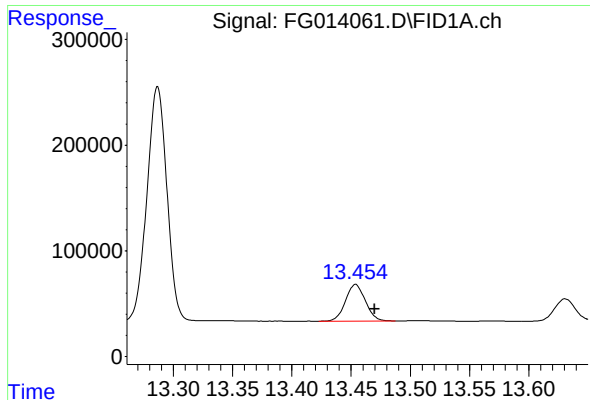
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

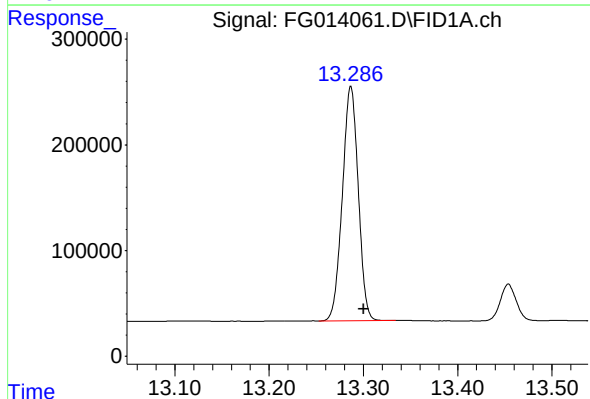
R.T.: 12.841 min
Delta R.T.: -0.015 min
Response: 461346
Conc: 3.72 ug/ml



#11 n-Heneicosane (C21)

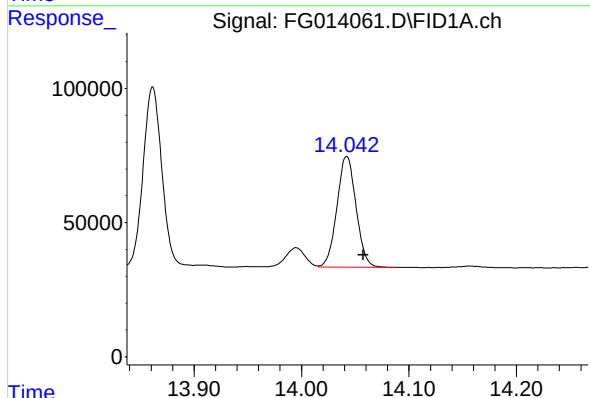
R.T.: 13.454 min
Delta R.T.: -0.016 min
Response: 404553
Conc: 3.33 ug/ml

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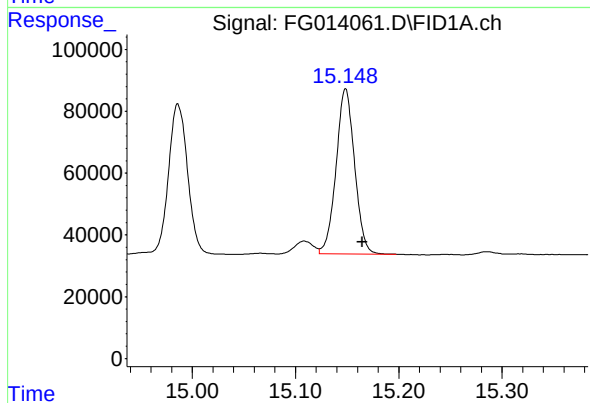
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.013 min
Response: 2599839
Conc: 25.73 ug/ml



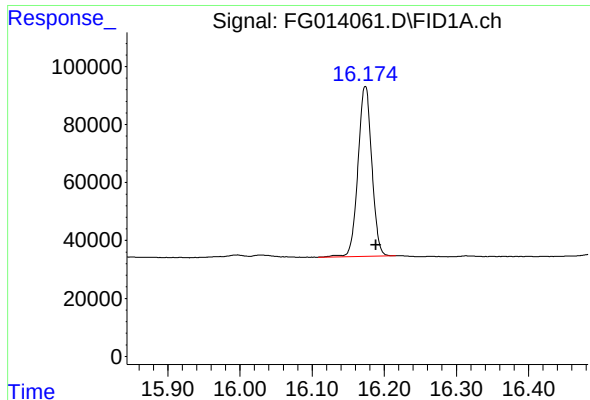
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 509872
Conc: 4.25 ug/ml



#14 n-Tetracosane (C24)

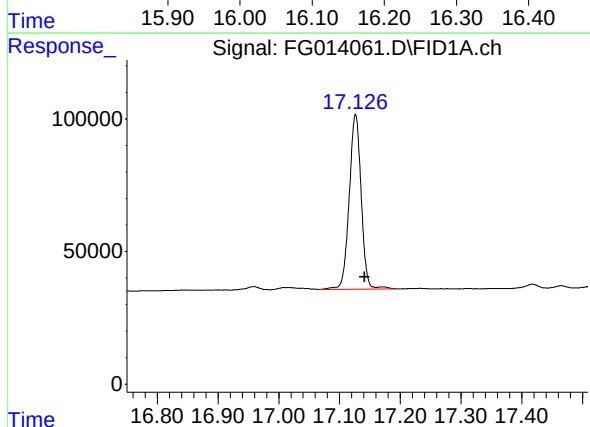
R.T.: 15.148 min
Delta R.T.: -0.016 min
Response: 665568
Conc: 5.61 ug/ml



#15 n-Hexacosane (C26)

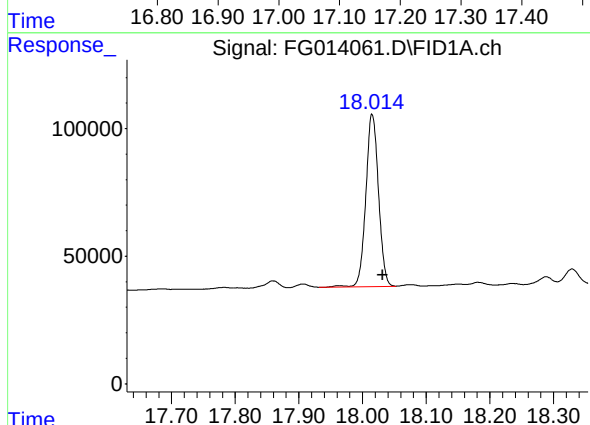
R.T.: 16.174 min
Delta R.T.: -0.015 min
Response: 779252
Conc: 6.70 ug/ml

Instrument :
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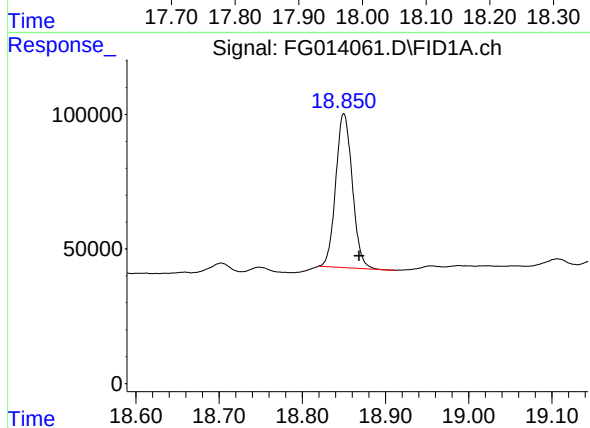
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.015 min
Response: 899569
Conc: 7.89 ug/ml



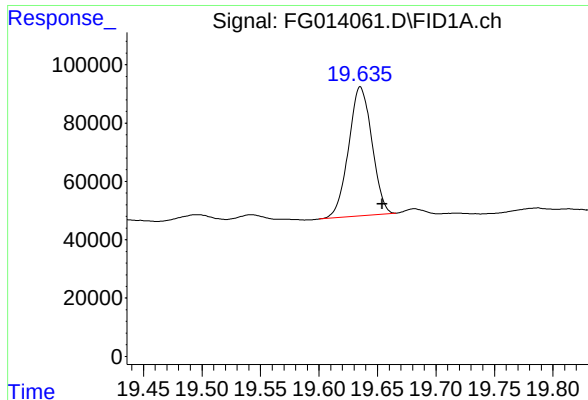
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.017 min
Response: 936003
Conc: 8.08 ug/ml



#18 n-Dotriacontane (C32)

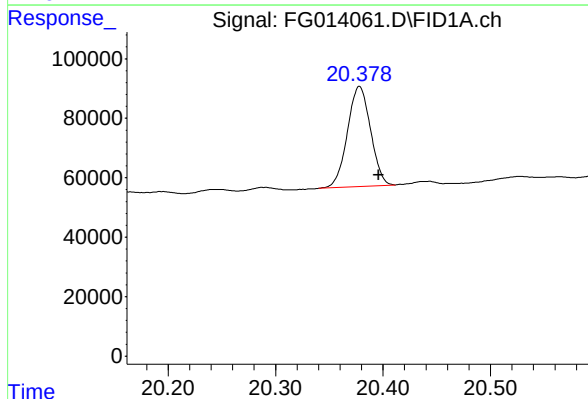
R.T.: 18.850 min
Delta R.T.: -0.019 min
Response: 789231
Conc: 6.89 ug/ml



#19 n-Tetratriacontane (C34)

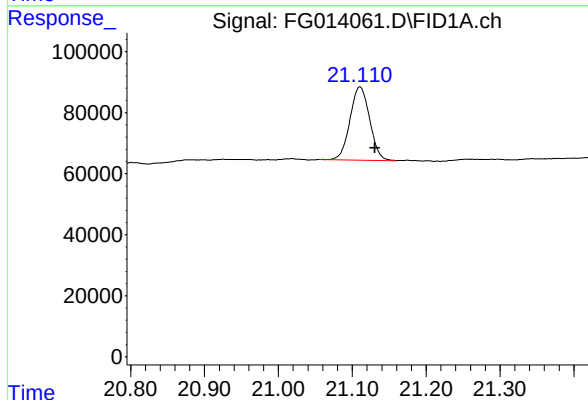
R.T.: 19.635 min
Delta R.T.: -0.019 min
Response: 613526
Conc: 5.41 ug/ml

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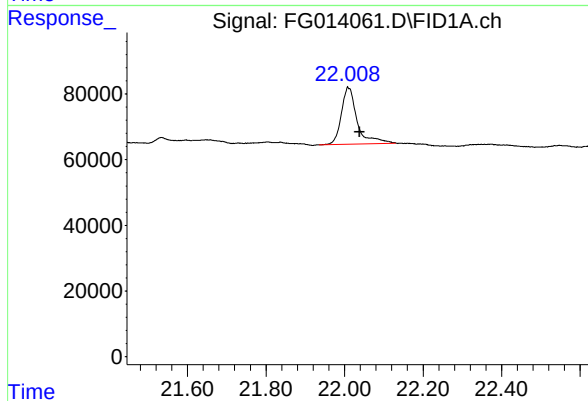
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.018 min
Response: 503201
Conc: 4.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.021 min
Response: 444651
Conc: 3.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.030 min
Response: 482518
Conc: 4.15 ug/ml