

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012668.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 15:41
 Operator : YP\AJ
 Sample : 03572-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-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 23:13:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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...	13.425	5294749	50.763 ug/ml
Spiked Amount 50.000		Recovery =	101.53%
Target Compounds			
1) T n-Nonane (C9)	3.346	264852	2.550 ug/ml
2) T n-Decane (C10)	4.598	260456	2.483 ug/ml
4) T n-Dodecane (C12)	6.768	269292	2.521 ug/ml
6) T n-Tetradecane (C14)	8.601	279553	2.602 ug/ml
7) T n-Hexadecane (C16)	10.213	281165	2.584 ug/ml
8) T n-Octadecane (C18)	11.660	302724	2.744 ug/ml
10) T n-Eicosane (C20)	12.975	296336	2.686 ug/ml
11) T n-Heneicosane (C21)	13.588	291256	2.639 ug/ml
13) T n-Docosane (C22)	14.176	318118	2.906 ug/ml
14) T n-Tetracosane (C24)	15.282	364223	3.375 ug/ml
15) T n-Hexacosane (C26)	16.306	395727	3.768 ug/ml
16) T n-Octacosane (C28)	17.257	436477	4.311 ug/ml
17) T n-Tricontane (C30)	18.145	476884	4.788 ug/ml
18) T n-Dotriacontane (C32)	18.979	471512	4.770 ug/ml
19) T n-Tetratriacontane (C34)	19.764	354006	3.847 ug/mlm
20) T n-Hexatriacontane (C36)	20.504	288121	3.209 ug/ml
21) T n-Octatriacontane (C38)	21.260	237706	2.799 ug/ml
22) T n-Tetracontane (C40)	22.209	217168	2.660 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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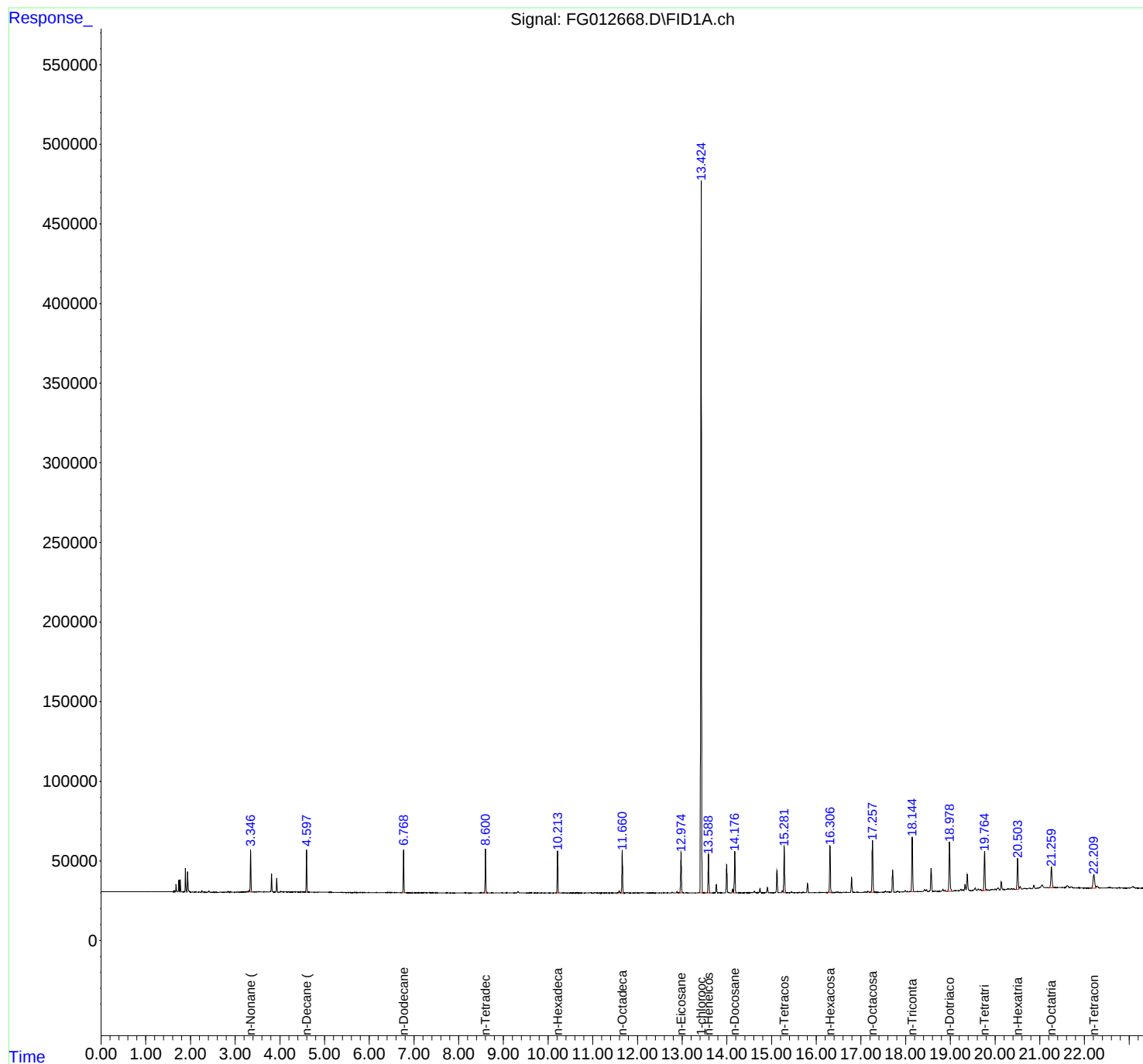
Instrument :
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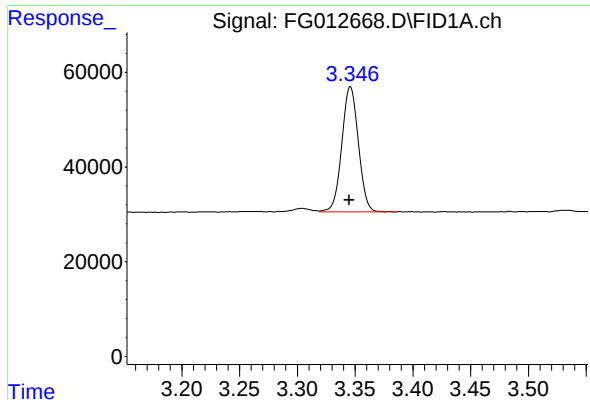
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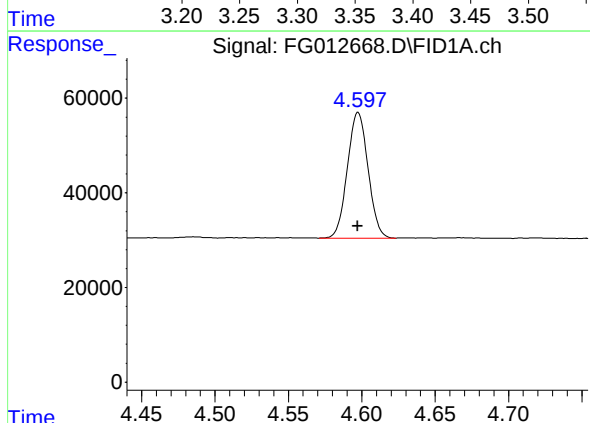
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 264852
Conc: 2.55 ug/ml

Instrument :
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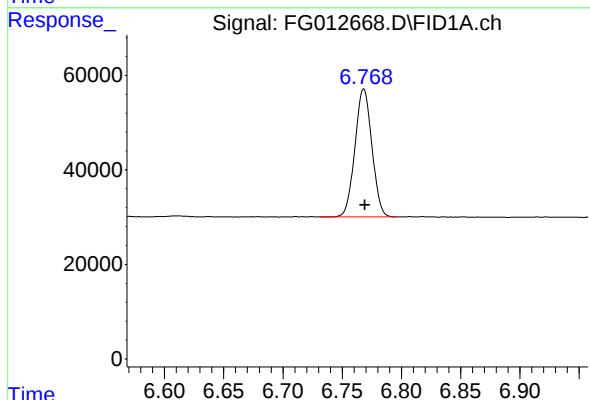
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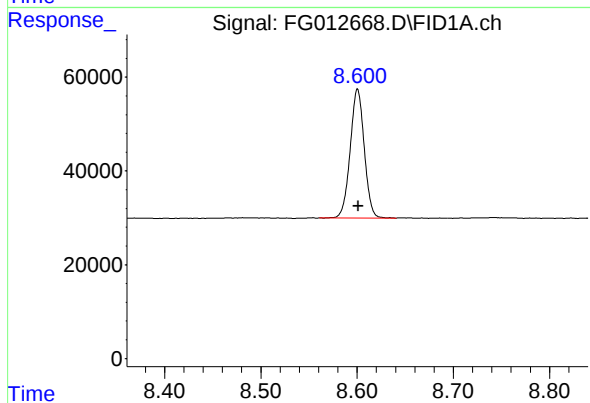
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 260456
Conc: 2.48 ug/ml



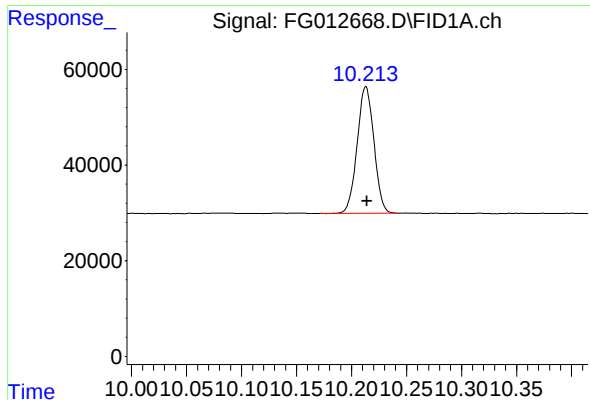
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 269292
Conc: 2.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 279553
Conc: 2.60 ug/ml



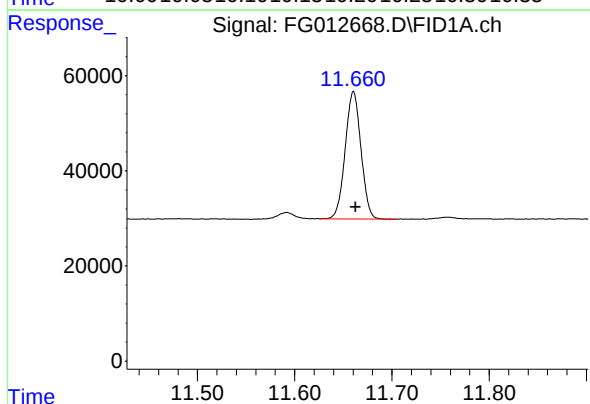
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.001 min
Response: 281165
Conc: 2.58 ug/ml

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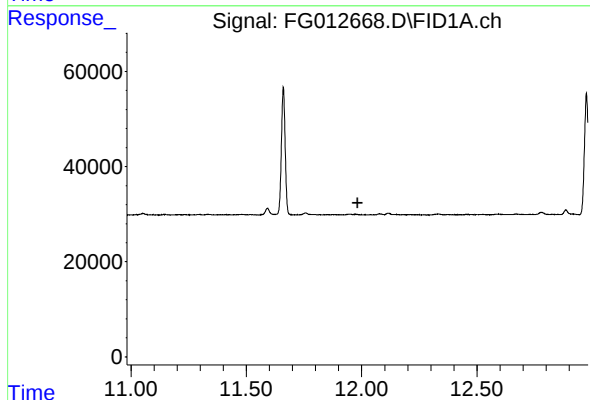
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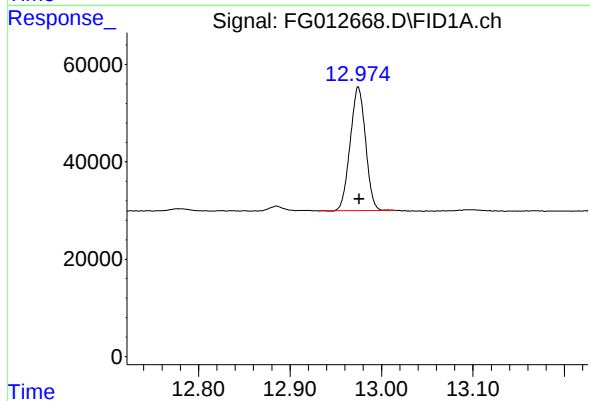
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 302724
Conc: 2.74 ug/ml



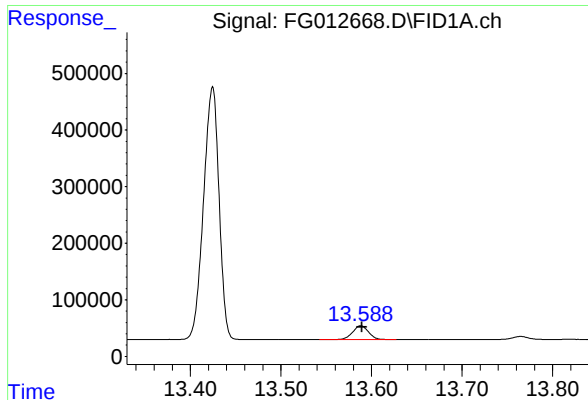
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: -0.001 min
Response: 296336
Conc: 2.69 ug/ml



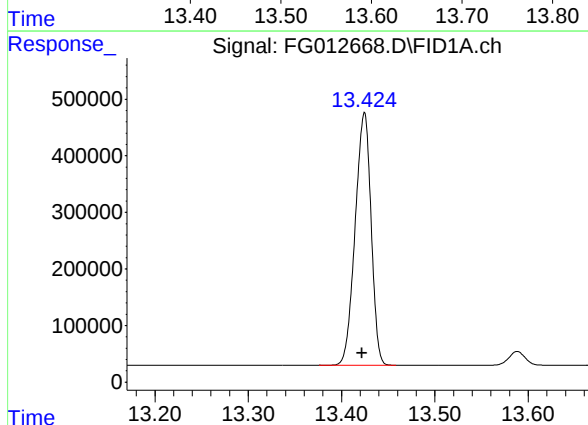
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: -0.001 min
Response: 291256
Conc: 2.64 ug/ml

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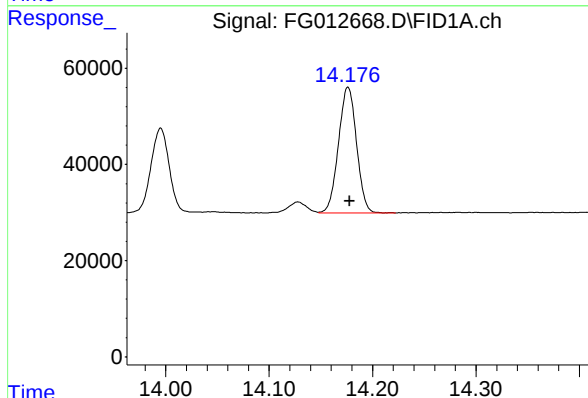
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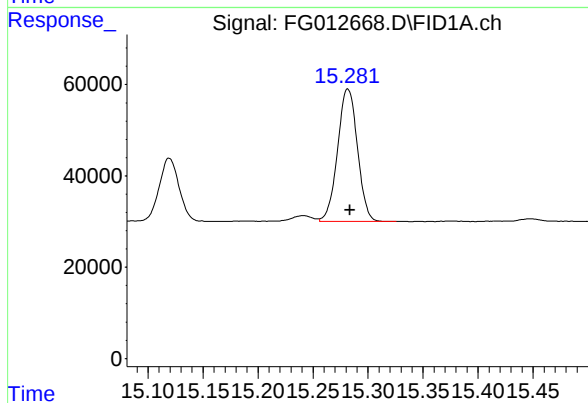
#12 1-chlorooctadecane (SURR)

R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 5294749
Conc: 50.76 ug/ml



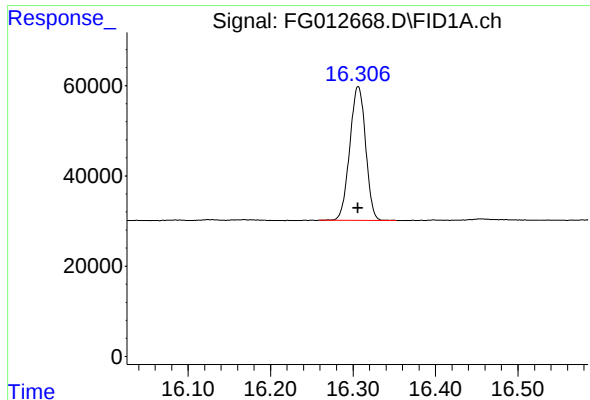
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: -0.002 min
Response: 318118
Conc: 2.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: -0.002 min
Response: 364223
Conc: 3.38 ug/ml



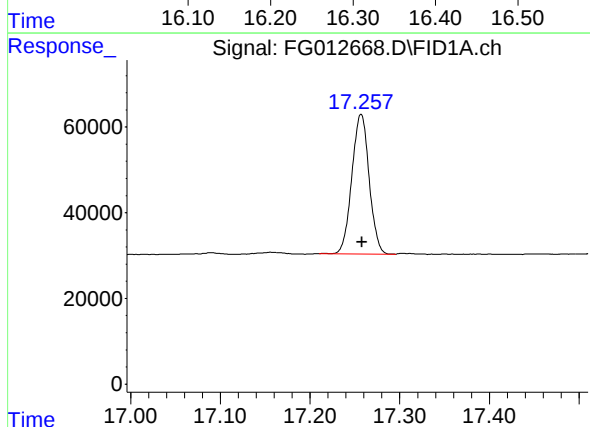
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 395727
Conc: 3.77 ug/ml

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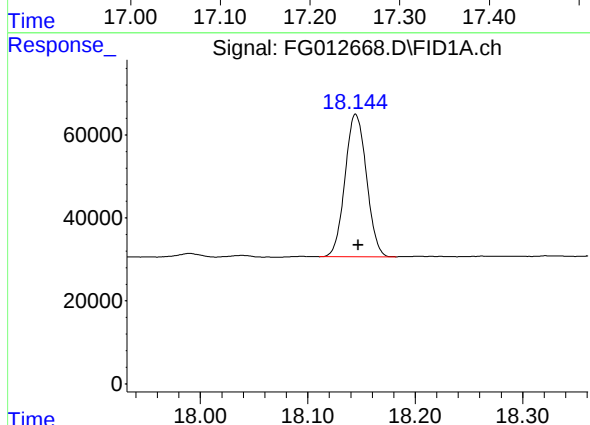
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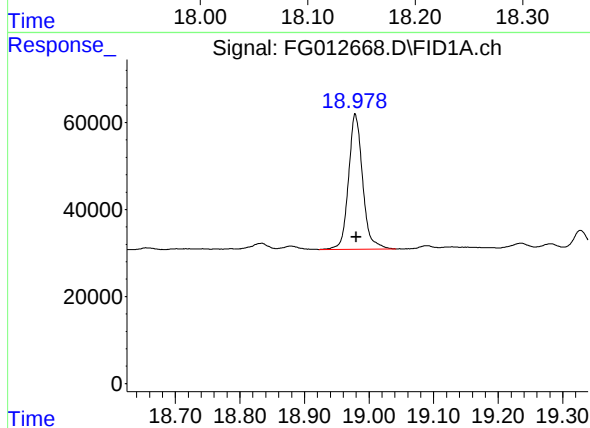
#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: 0.000 min
Response: 436477
Conc: 4.31 ug/ml



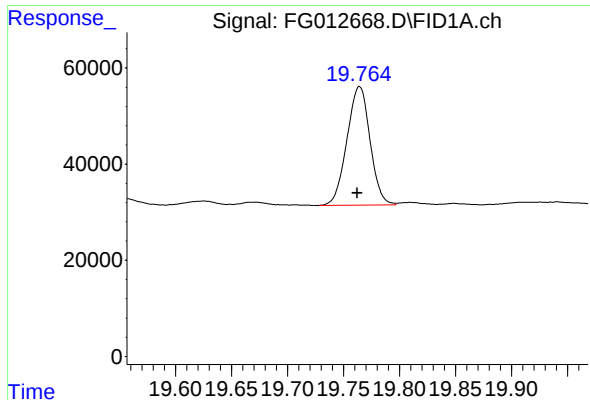
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: -0.003 min
Response: 476884
Conc: 4.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.001 min
Response: 471512
Conc: 4.77 ug/ml



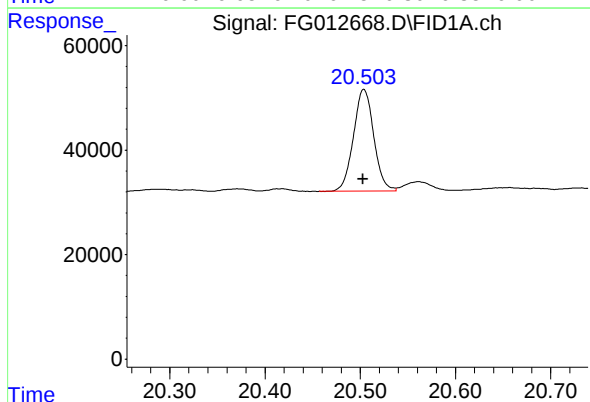
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.001 min
Response: 354006
Conc: 3.85 ug/ml

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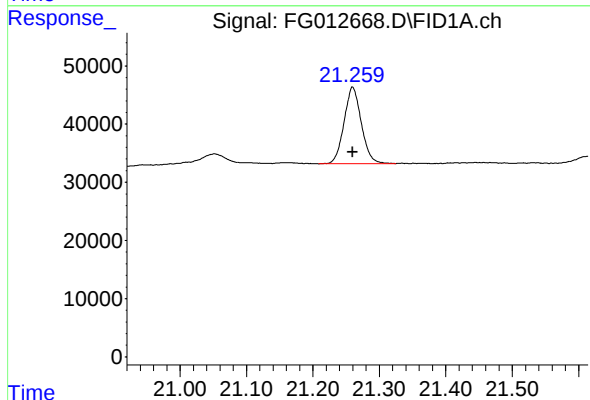
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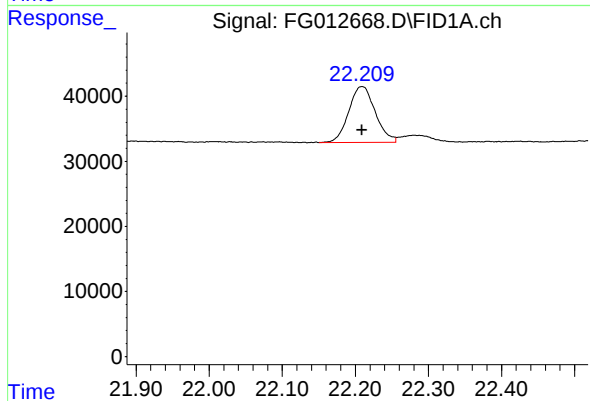
#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: 0.000 min
Response: 288121
Conc: 3.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 237706
Conc: 2.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 217168
Conc: 2.66 ug/ml m