

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
 Data File : FG0616127.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 14:23
 Operator : YP\AJ
 Sample : Q2126-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 03:40:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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...	13.536	4237435	42.053 ug/ml
Spiked Amount 50.000		Recovery =	84.11%
Target Compounds			
1) T n-Nonane (C9)	3.419	152219	1.407 ug/ml
2) T n-Decane (C10)	4.678	187261	1.707 ug/ml
4) T n-Dodecane (C12)	6.855	222217	2.018 ug/ml
6) T n-Tetradecane (C14)	8.694	249771	2.274 ug/ml
7) T n-Hexadecane (C16)	10.312	228960	2.011 ug/ml
8) T n-Octadecane (C18)	11.765	246255	2.115 ug/ml
10) T n-Eicosane (C20)	13.084	265143	2.330 ug/ml
11) T n-Heneicosane (C21)	13.700	248078	2.191 ug/ml
13) T n-Docosane (C22)	14.290	265595	2.336 ug/ml
14) T n-Tetracosane (C24)	15.399	272378	2.362 ug/mlm
15) T n-Hexacosane (C26)	16.427	271323	2.358 ug/ml
16) T n-Octacosane (C28)	17.381	293297	2.584 ug/ml
17) T n-Tricontane (C30)	18.275	337085	2.944 ug/ml
18) T n-Dotriacontane (C32)	19.110	347185	3.184 ug/ml
19) T n-Tetratriacontane (C34)	19.898	308637	3.120 ug/ml
20) T n-Hexatriacontane (C36)	20.641	262691	3.095 ug/ml
21) T n-Octatriacontane (C38)	21.430	228828	3.031 ug/ml
22) T n-Tetracontane (C40)	22.432	206648	2.988 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
Data File : FG016127.D
Signal(s) : FID1A.ch
Acq On : 17 Jun 2025 14:23
Operator : YP\AJ
Sample : Q2126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

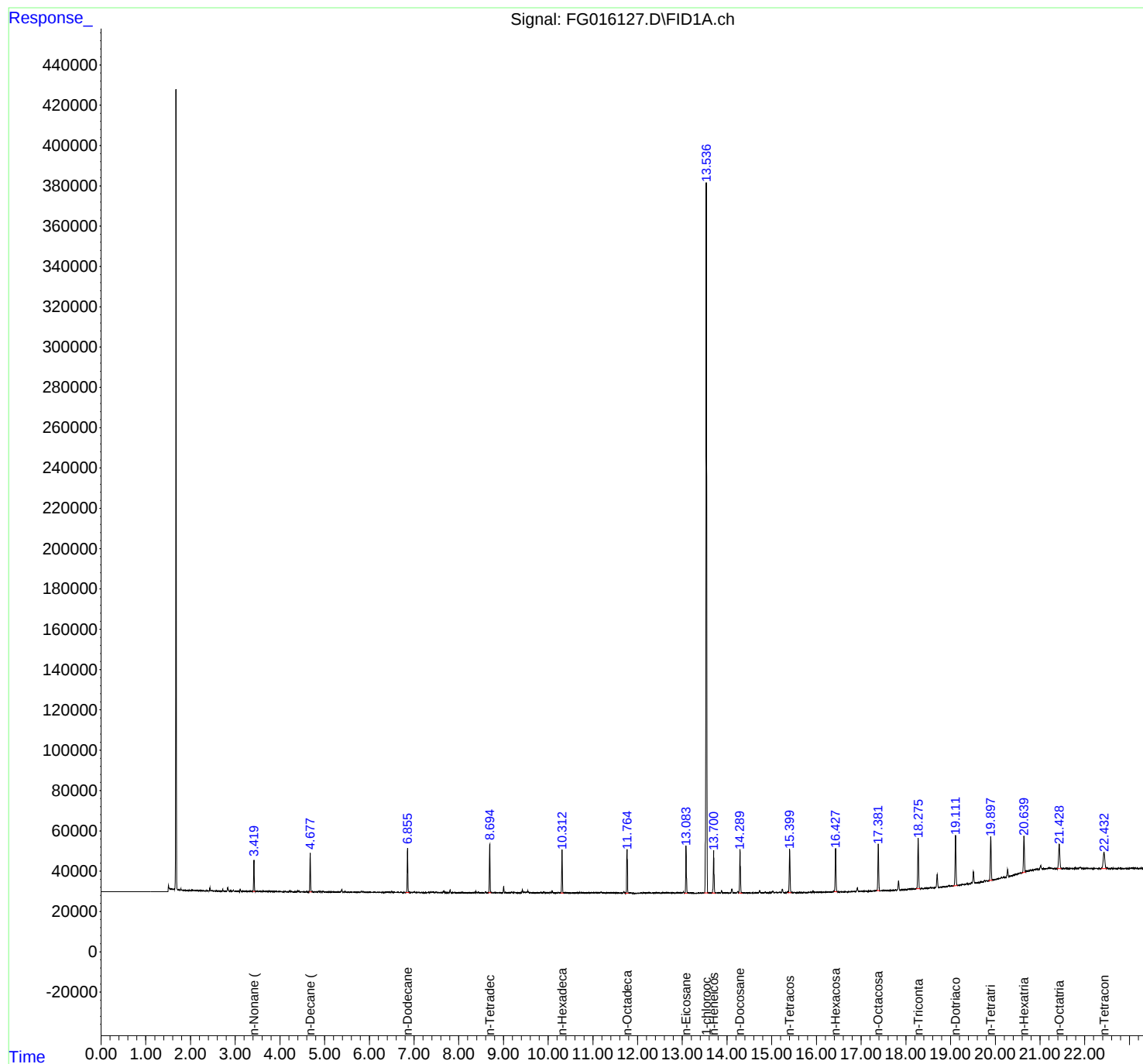
Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT2-2025

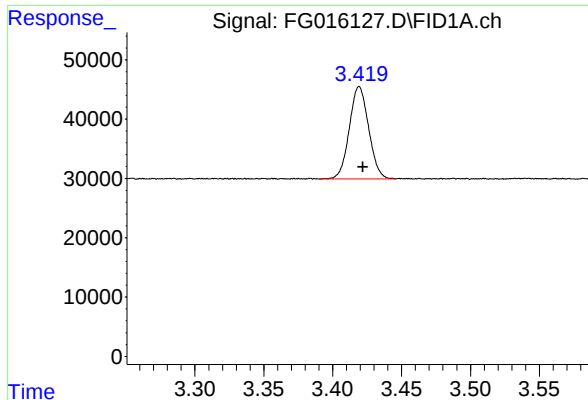
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Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





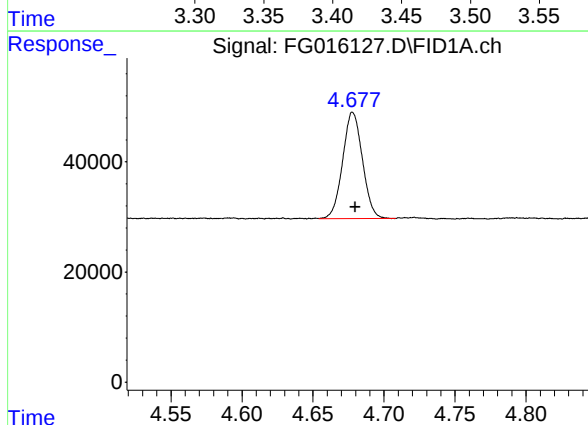
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 152219
Conc: 1.41 ug/ml

Instrument :
FID_G
ClientSampleId :
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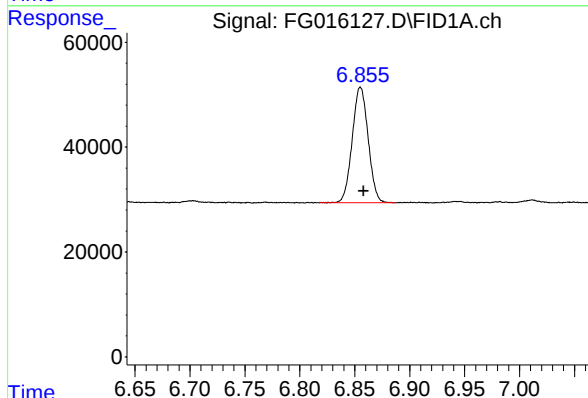
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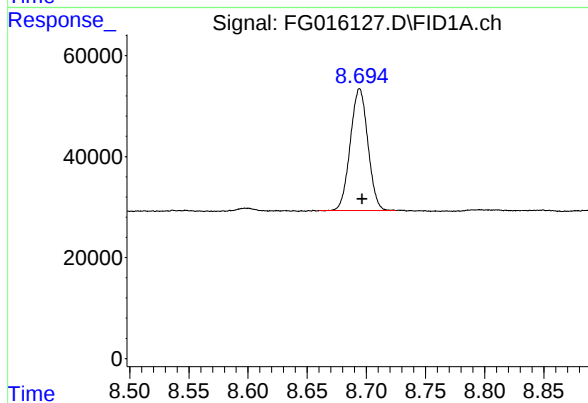
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 187261
Conc: 1.71 ug/ml



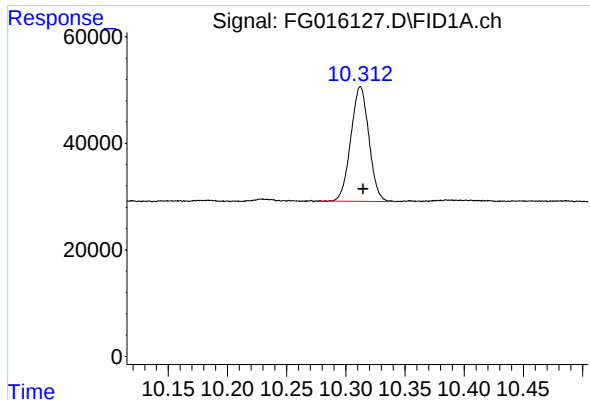
#4 n-Dodecane (C12)

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 222217
Conc: 2.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 249771
Conc: 2.27 ug/ml



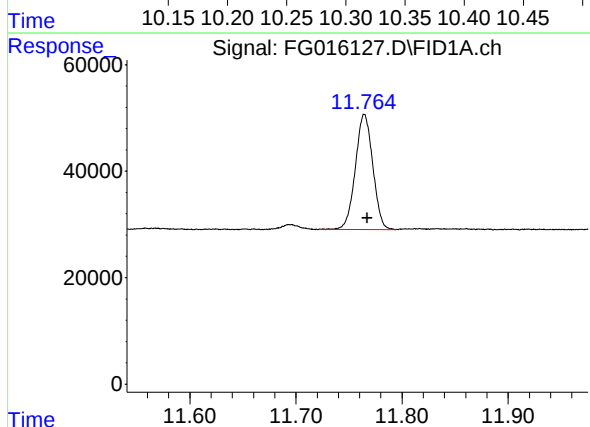
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: -0.002 min
Response: 228960
Conc: 2.01 ug/ml

Instrument : FID_G
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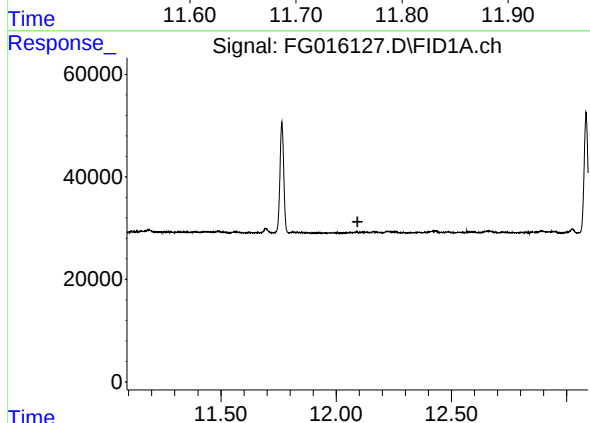
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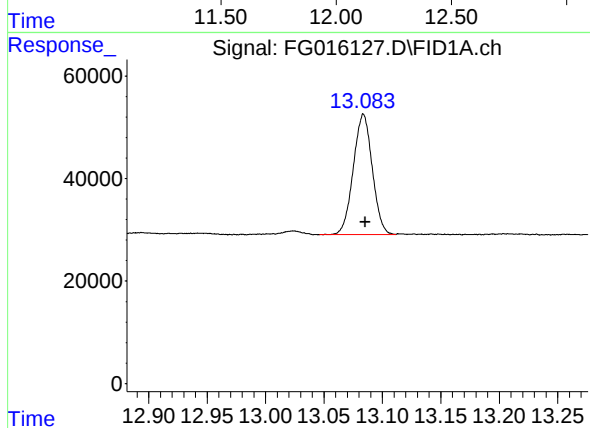
#8 n-Octadecane (C18)

R.T.: 11.765 min
Delta R.T.: -0.003 min
Response: 246255
Conc: 2.12 ug/ml



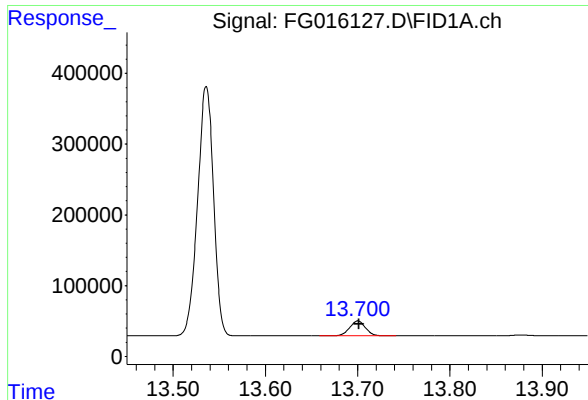
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.092 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: -0.002 min
Response: 265143
Conc: 2.33 ug/ml



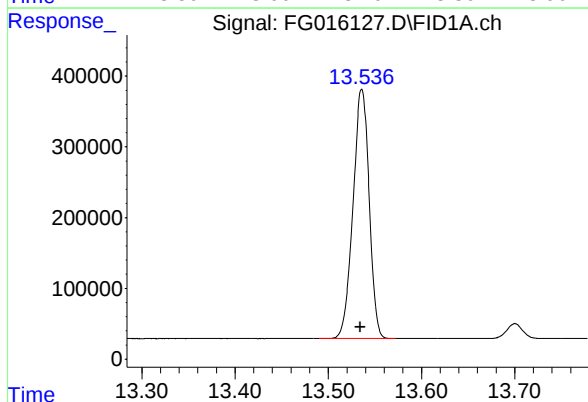
#11 n-Heneicosane (C21)

R.T.: 13.700 min
Delta R.T.: -0.001 min
Response: 248078
Conc: 2.19 ug/ml

Instrument : FID_G
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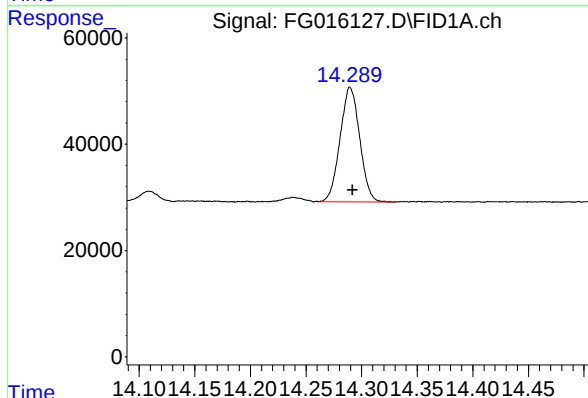
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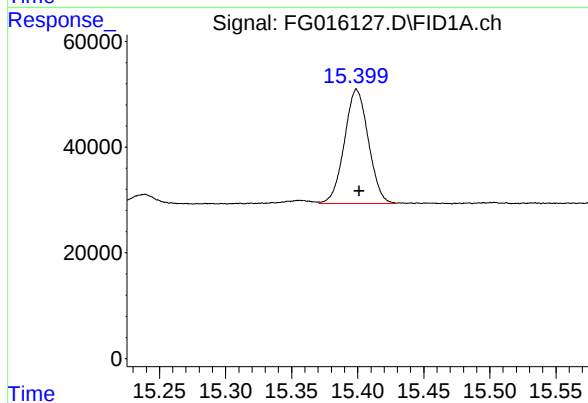
#12 1-chlorooctadecane (SURR)

R.T.: 13.536 min
Delta R.T.: 0.002 min
Response: 4237435
Conc: 42.05 ug/ml



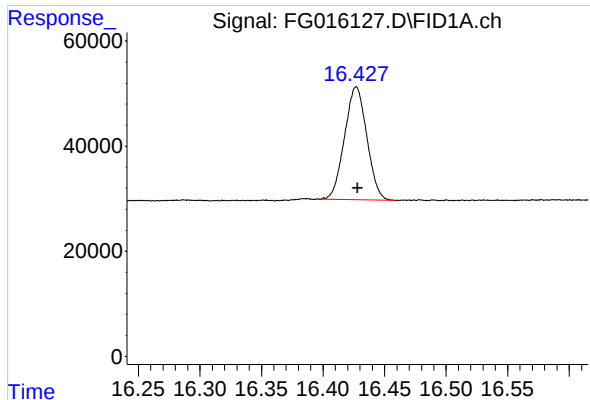
#13 n-Docosane (C22)

R.T.: 14.290 min
Delta R.T.: -0.002 min
Response: 265595
Conc: 2.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.399 min
Delta R.T.: -0.003 min
Response: 272378
Conc: 2.36 ug/ml m



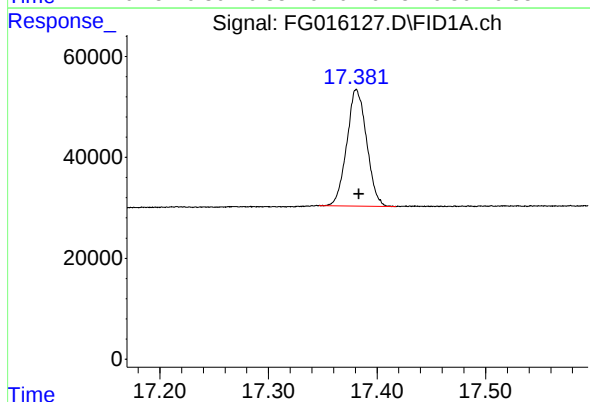
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 271323
Conc: 2.36 ug/ml

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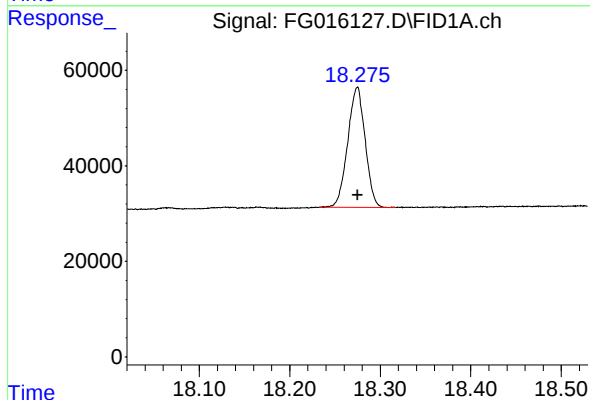
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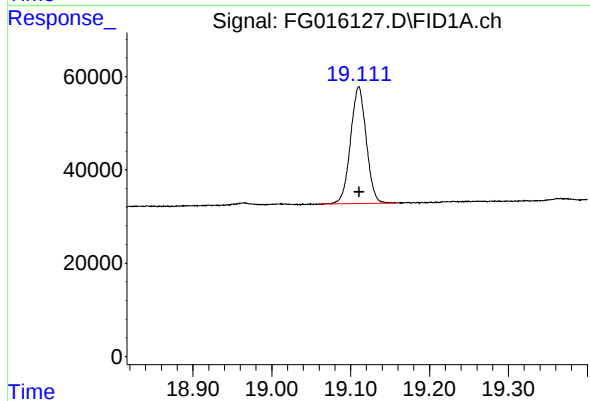
#16 n-Octacosane (C28)

R.T.: 17.381 min
Delta R.T.: -0.002 min
Response: 293297
Conc: 2.58 ug/ml



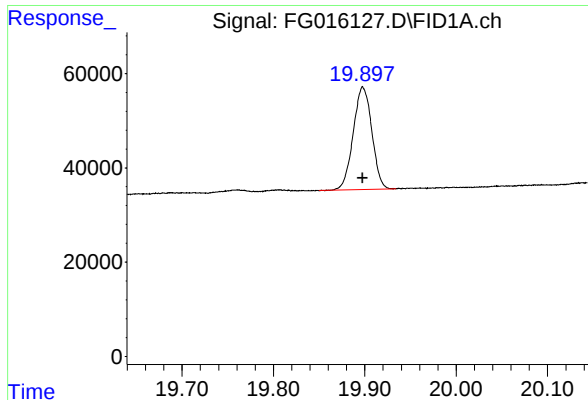
#17 n-Tricontane (C30)

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 337085
Conc: 2.94 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: 0.000 min
Response: 347185
Conc: 3.18 ug/ml



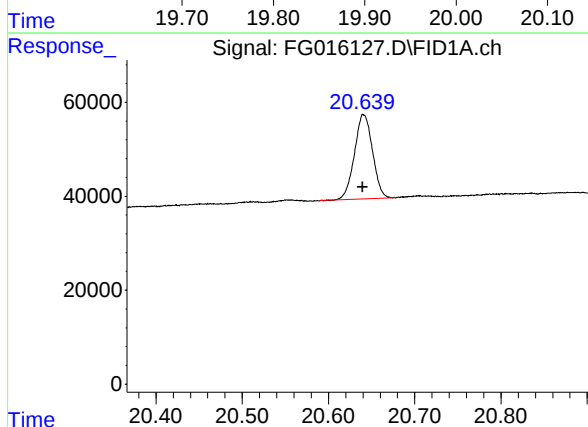
#19 n-Tetratriacontane (C34)

R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 308637
Conc: 3.12 ug/ml

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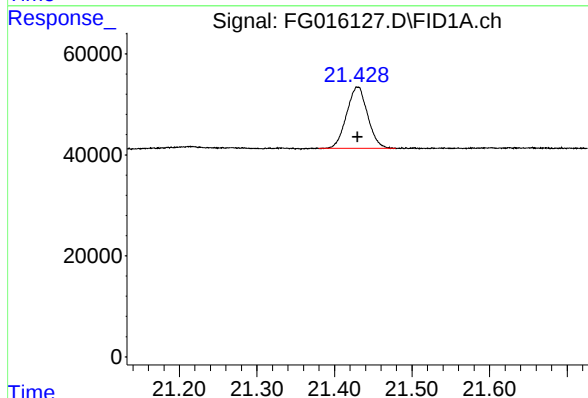
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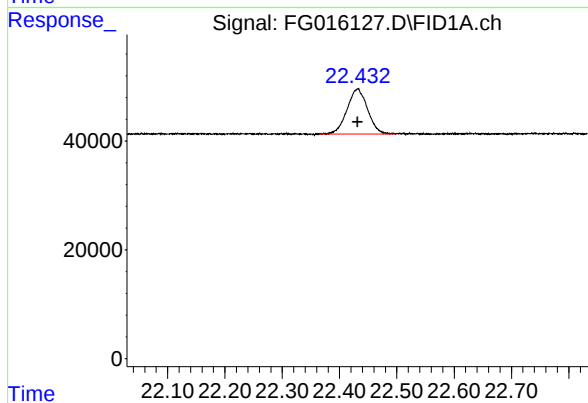
#20 n-Hexatriacontane (C36)

R.T.: 20.641 min
Delta R.T.: 0.001 min
Response: 262691
Conc: 3.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 228828
Conc: 3.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.000 min
Response: 206648
Conc: 2.99 ug/ml