

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014035.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 12:03
 Operator : YP\AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:57:03 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...	13.286	2434291	24.088 ug/ml
Spiked Amount 50.000		Recovery =	48.18%
Target Compounds			
1) T n-Nonane (C9)	3.217	269018	2.064 ug/ml
2) T n-Decane (C10)	4.467	320288	2.412 ug/ml
4) T n-Dodecane (C12)	6.639	389049	2.935 ug/ml
6) T n-Tetradecane (C14)	8.471	415548	3.203 ug/ml
7) T n-Hexadecane (C16)	10.082	374008	2.842 ug/ml
8) T n-Octadecane (C18)	11.528	386230	2.946 ug/ml
10) T n-Eicosane (C20)	12.841	399310	3.218 ug/ml
11) T n-Heneicosane (C21)	13.453	367166	3.026 ug/ml
13) T n-Docosane (C22)	14.042	384132	3.200 ug/ml
14) T n-Tetracosane (C24)	15.148	393649	3.321 ug/ml
15) T n-Hexacosane (C26)	16.172	367774	3.162 ug/ml
16) T n-Octacosane (C28)	17.124	362738	3.184 ug/ml
17) T n-Tricontane (C30)	18.014	385305	3.325 ug/ml
18) T n-Dotriacontane (C32)	18.847	400893	3.500 ug/mlm
19) T n-Tetratriacontane (C34)	19.633	378236	3.333 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	350241	3.128 ug/ml
21) T n-Octatriacontane (C38)	21.106	345888	2.989 ug/ml
22) T n-Tetracontane (C40)	22.007	323411	2.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3390-02
Misc : 5 PPM SOIL LOQ
ALS Vial : 16 Sample Multiplier: 1

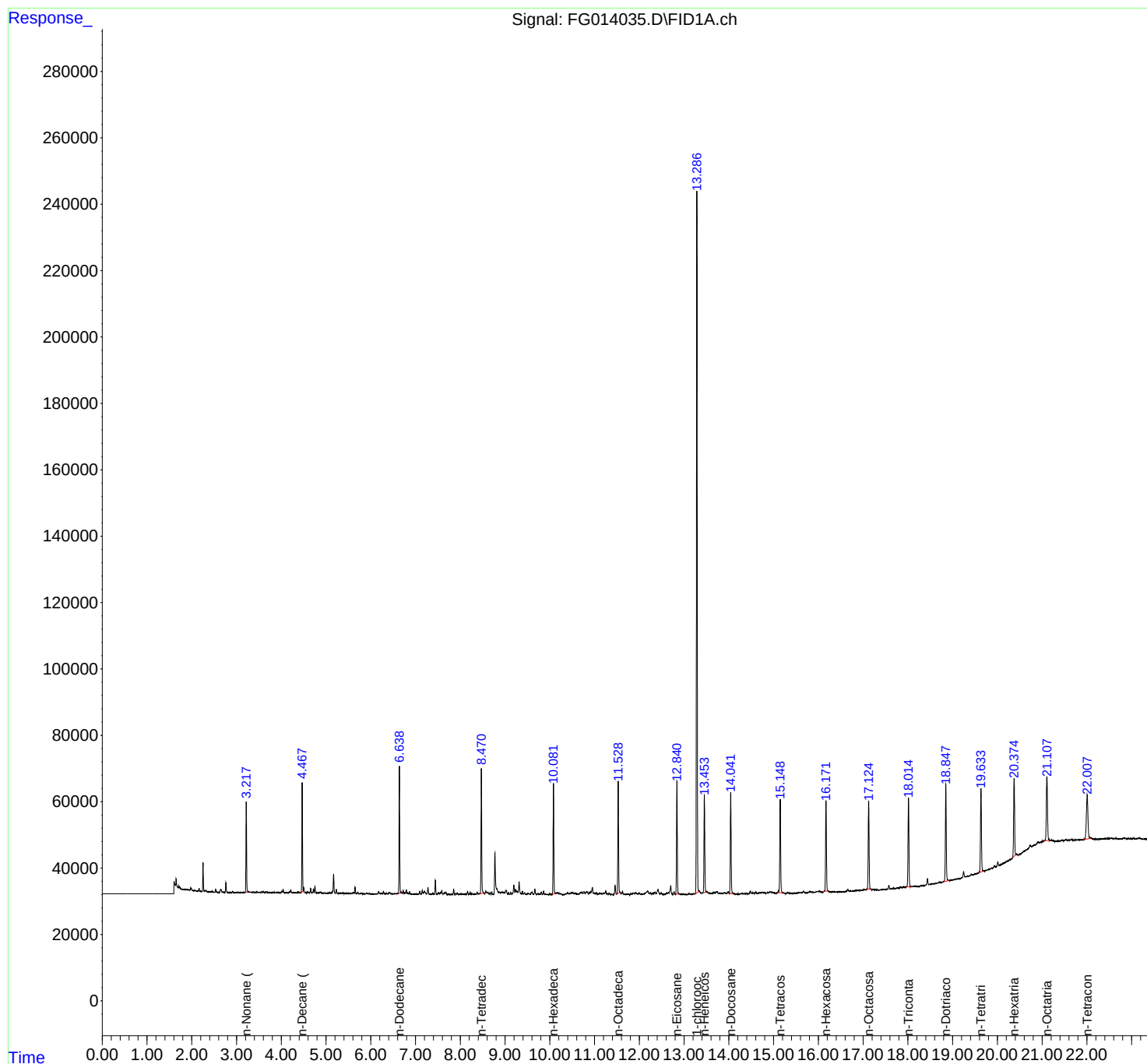
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2024

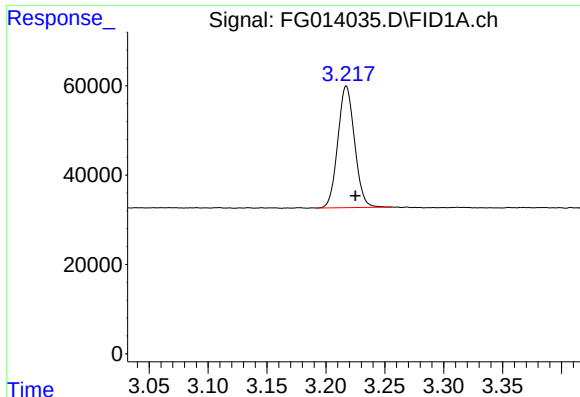
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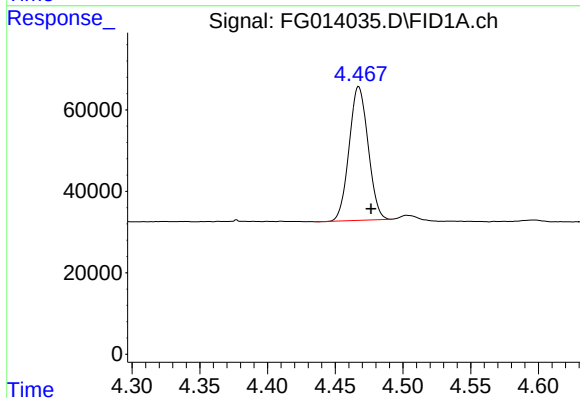
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 269018
Conc: 2.06 ug/ml

Instrument :
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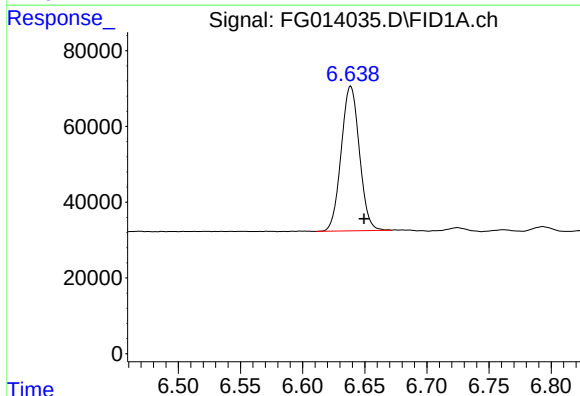
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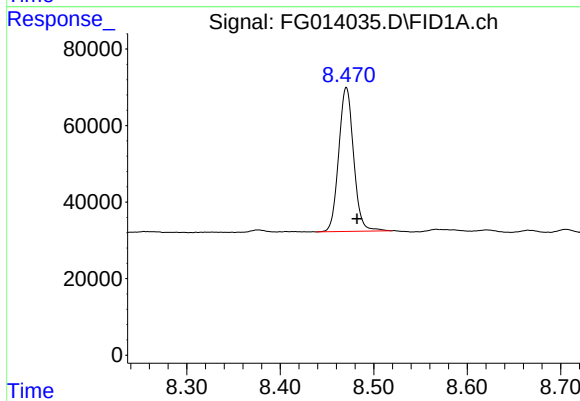
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 320288
Conc: 2.41 ug/ml



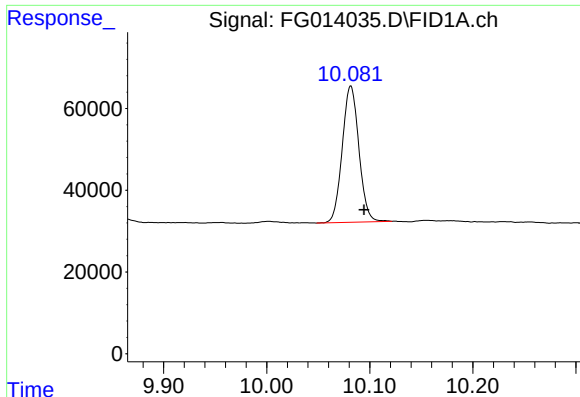
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.011 min
Response: 389049
Conc: 2.93 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 415548
Conc: 3.20 ug/ml



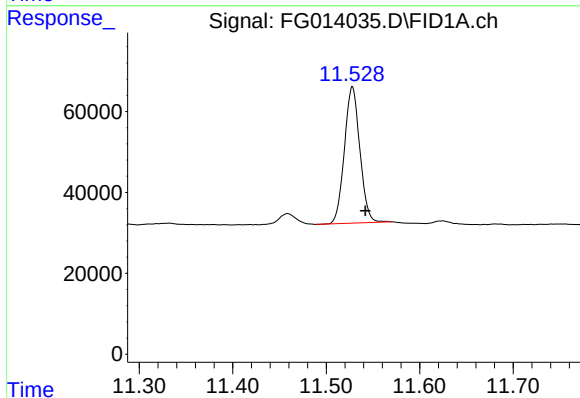
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.013 min
Response: 374008
Conc: 2.84 ug/ml

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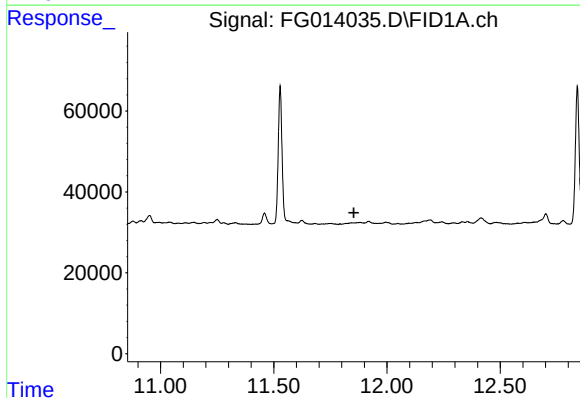
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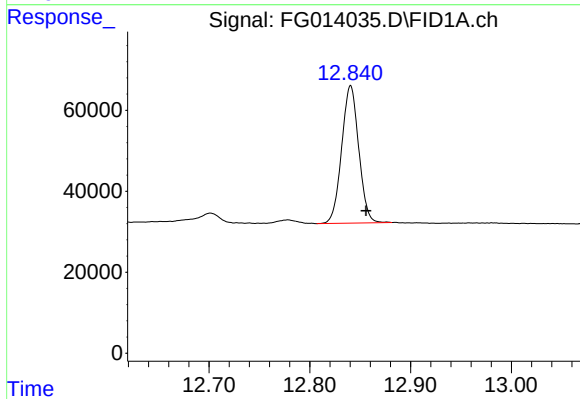
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 386230
Conc: 2.95 ug/ml



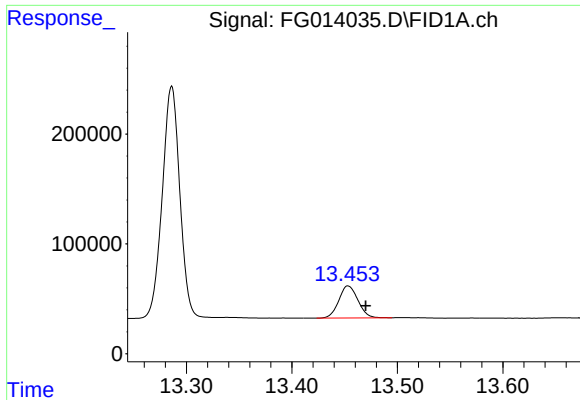
#9 ortho-Terphenyl (SURR)

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: 399310
Conc: 3.22 ug/ml



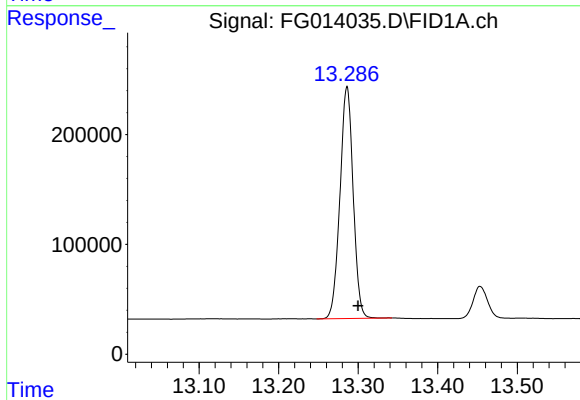
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.017 min
Response: 367166
Conc: 3.03 ug/ml

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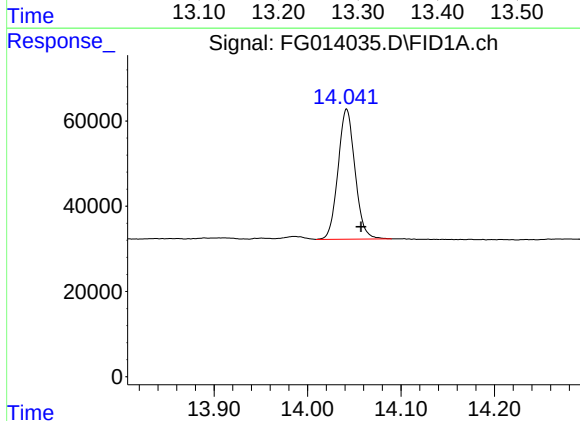
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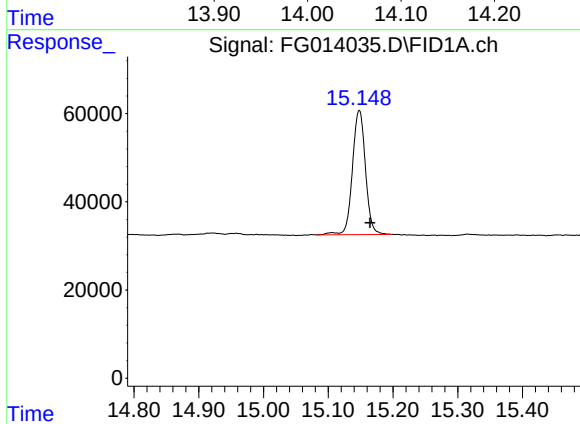
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.014 min
Response: 2434291
Conc: 24.09 ug/ml



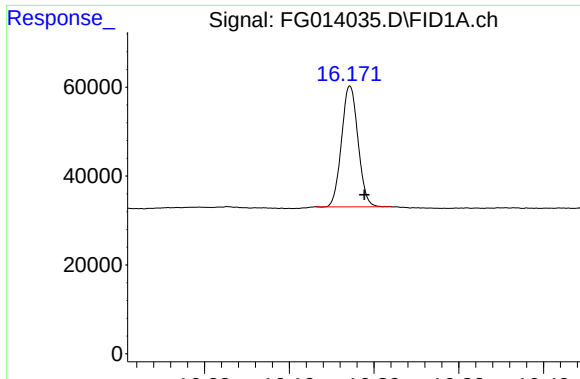
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 384132
Conc: 3.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.017 min
Response: 393649
Conc: 3.32 ug/ml



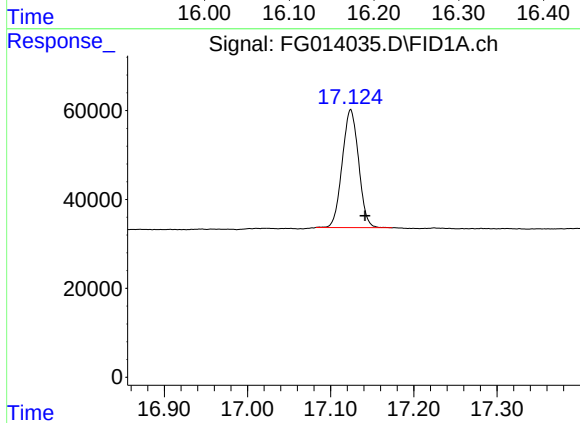
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.017 min
Response: 367774
Conc: 3.16 ug/ml

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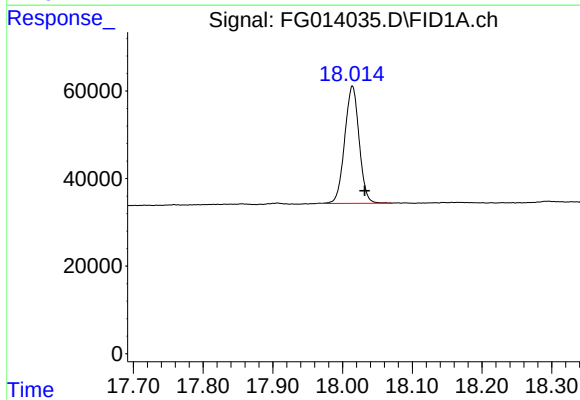
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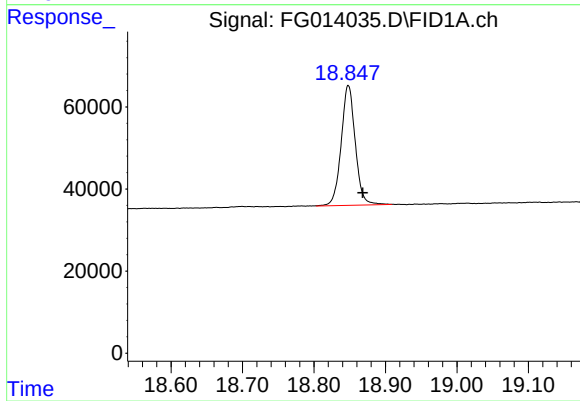
#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.017 min
Response: 362738
Conc: 3.18 ug/ml



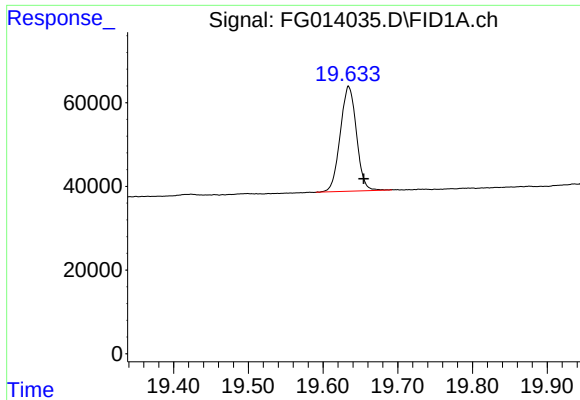
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.018 min
Response: 385305
Conc: 3.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.021 min
Response: 400893
Conc: 3.50 ug/ml m



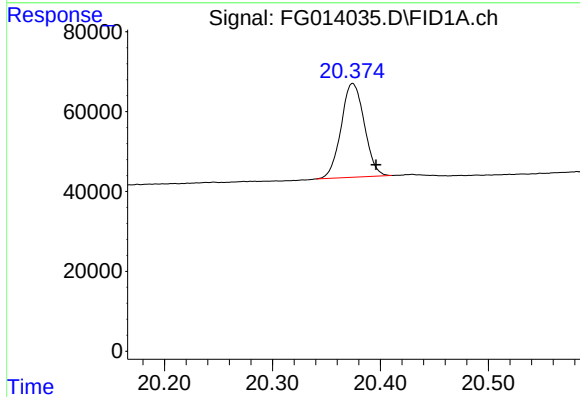
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.021 min
Response: 378236
Conc: 3.33 ug/ml

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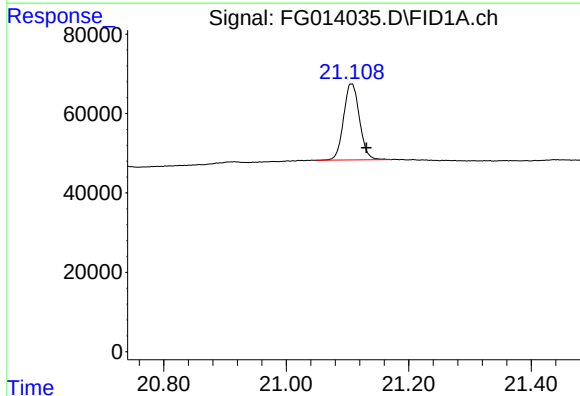
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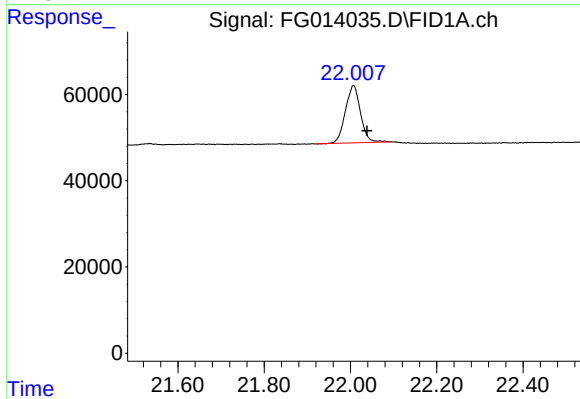
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.022 min
Response: 350241
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.025 min
Response: 345888
Conc: 2.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.032 min
Response: 323411
Conc: 2.78 ug/ml