

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
 Data File : FG0616128.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 14:53
 Operator : YP\AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-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 03:41:07 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...	13.537	4219312	41.873 ug/ml
Spiked Amount 50.000		Recovery =	83.75%
Target Compounds			
1) T n-Nonane (C9)	3.419	151325	1.399 ug/ml
2) T n-Decane (C10)	4.678	186690	1.702 ug/ml
4) T n-Dodecane (C12)	6.856	221935	2.016 ug/ml
6) T n-Tetradecane (C14)	8.694	250055	2.277 ug/ml
7) T n-Hexadecane (C16)	10.312	228400	2.006 ug/ml
8) T n-Octadecane (C18)	11.765	244672	2.102 ug/ml
10) T n-Eicosane (C20)	13.085	264805	2.327 ug/ml
11) T n-Heneicosane (C21)	13.700	247305	2.184 ug/ml
13) T n-Docosane (C22)	14.290	261983	2.305 ug/ml
14) T n-Tetracosane (C24)	15.399	271386	2.354 ug/mlm
15) T n-Hexacosane (C26)	16.427	270927	2.354 ug/ml
16) T n-Octacosane (C28)	17.382	292965	2.581 ug/ml
17) T n-Tricontane (C30)	18.274	338676	2.958 ug/ml
18) T n-Dotriacontane (C32)	19.111	343991	3.155 ug/ml
19) T n-Tetratriacontane (C34)	19.897	308468	3.118 ug/ml
20) T n-Hexatriacontane (C36)	20.641	262405	3.091 ug/ml
21) T n-Octatriacontane (C38)	21.427	227121	3.009 ug/ml
22) T n-Tetracontane (C40)	22.431	203930	2.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
Data File : FG016128.D
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Acq On : 17 Jun 2025 14:53
Operator : YP\AJ
Sample : Q2126-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

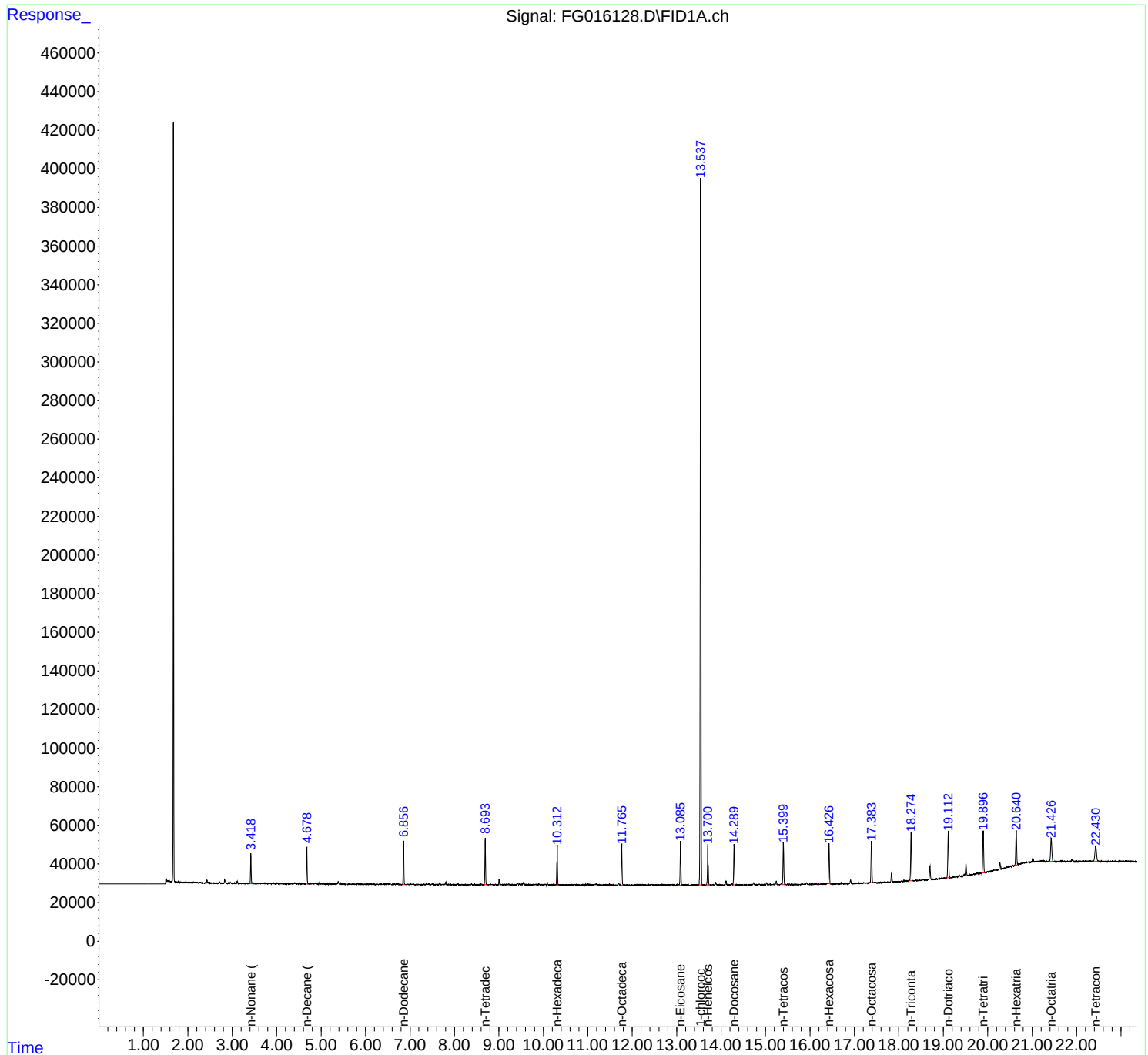
Instrument :
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ClientSampleId :
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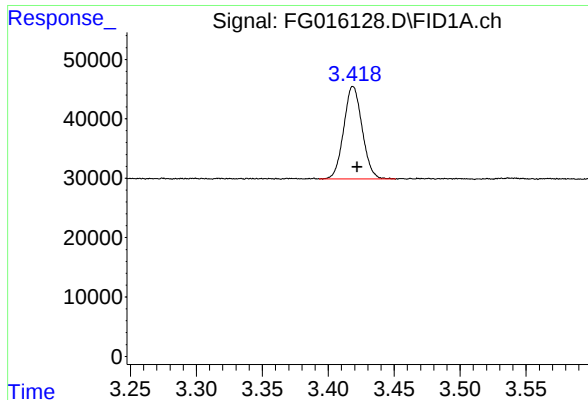
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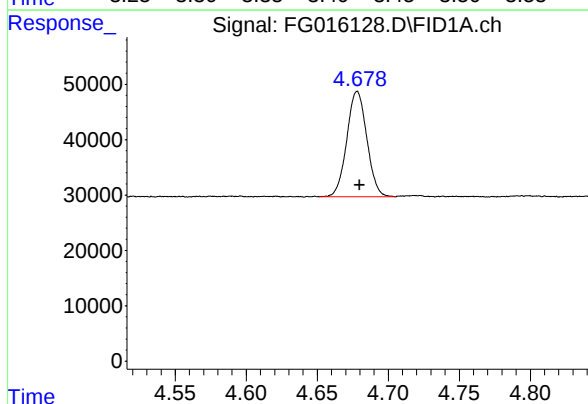
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 151325
Conc: 1.40 ug/ml

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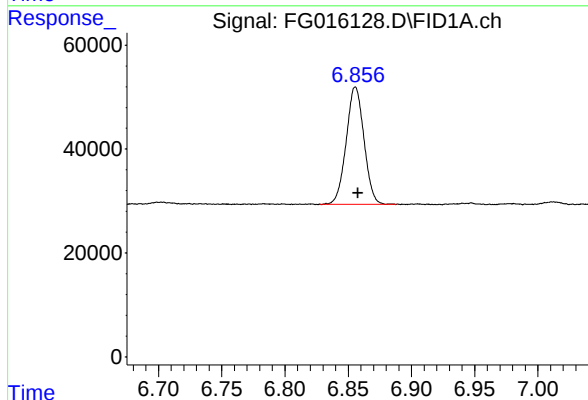
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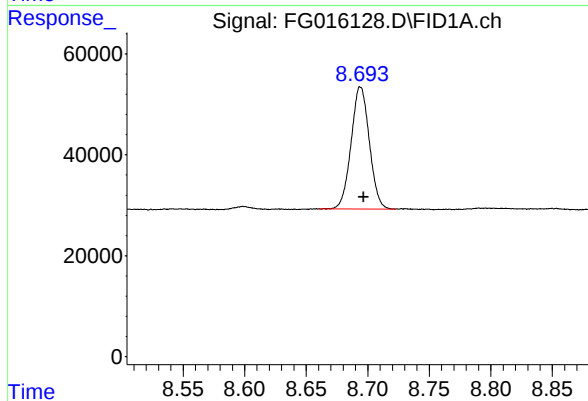
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 186690
Conc: 1.70 ug/ml



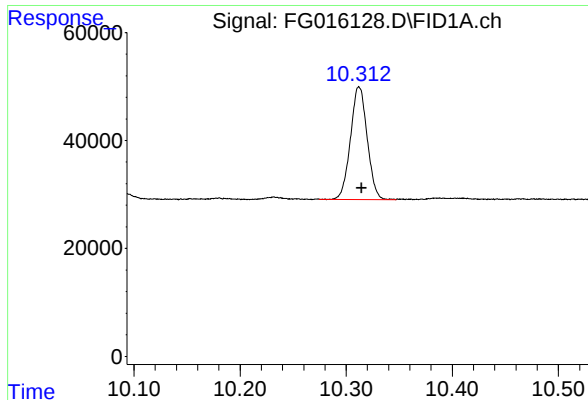
#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 221935
Conc: 2.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 250055
Conc: 2.28 ug/ml



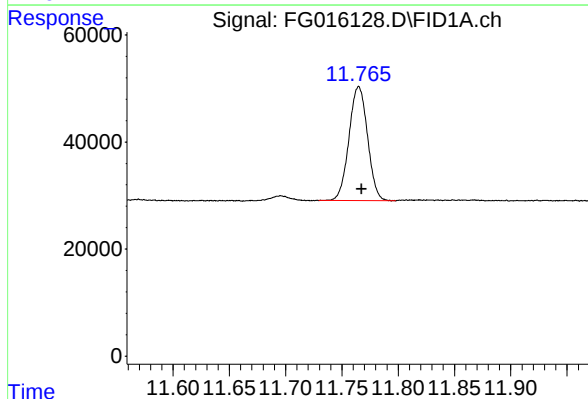
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: -0.002 min
Response: 228400
Conc: 2.01 ug/ml

Instrument :
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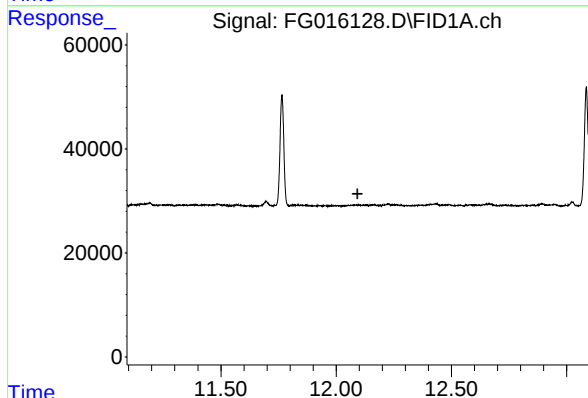
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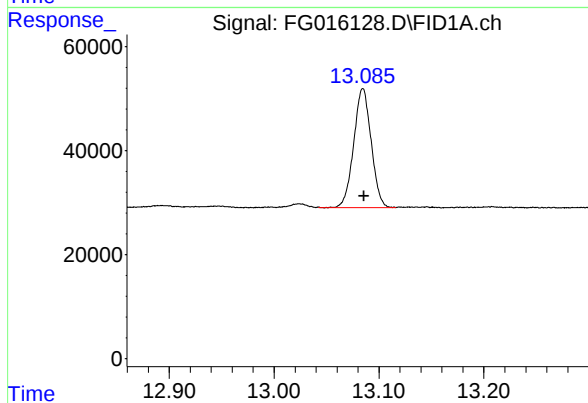
#8 n-Octadecane (C18)

R.T.: 11.765 min
Delta R.T.: -0.002 min
Response: 244672
Conc: 2.10 ug/ml



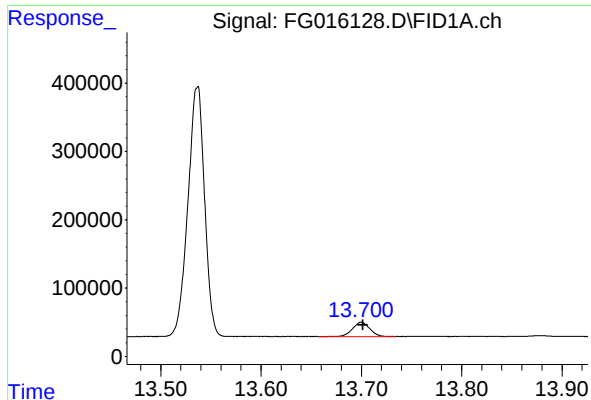
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 13.085 min
Delta R.T.: 0.000 min
Response: 264805
Conc: 2.33 ug/ml



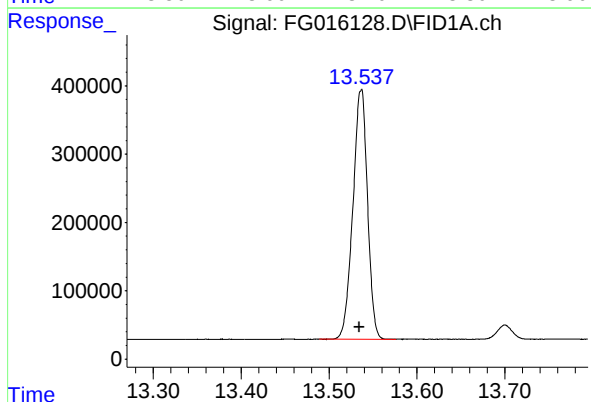
#11 n-Heneicosane (C21)

R.T.: 13.700 min
Delta R.T.: -0.001 min
Response: 247305
Conc: 2.18 ug/ml

Instrument :
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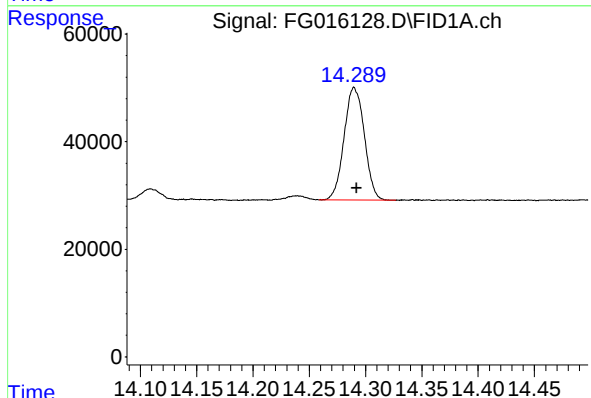
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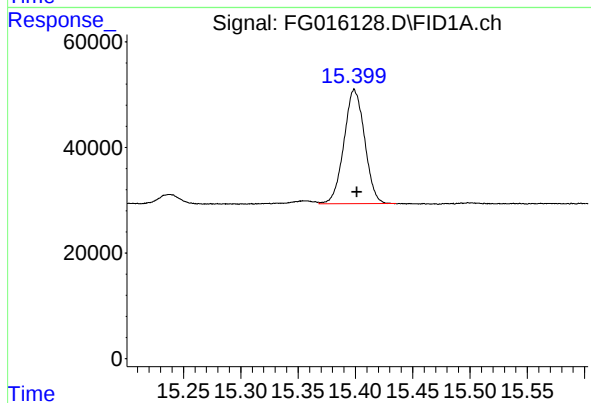
#12 1-chlorooctadecane (SURR)

R.T.: 13.537 min
Delta R.T.: 0.002 min
Response: 4219312
Conc: 41.87 ug/ml



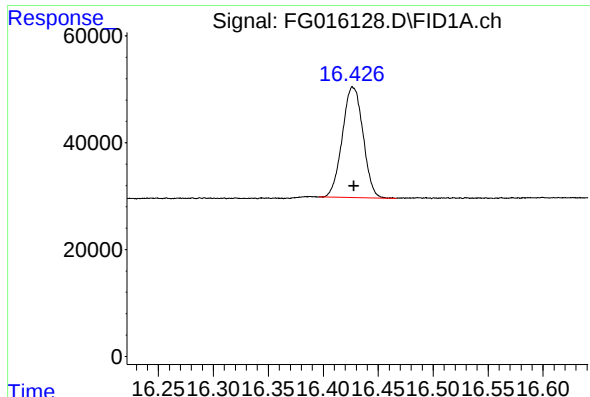
#13 n-Docosane (C22)

R.T.: 14.290 min
Delta R.T.: -0.002 min
Response: 261983
Conc: 2.30 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.399 min
Delta R.T.: -0.003 min
Response: 271386
Conc: 2.35 ug/ml m



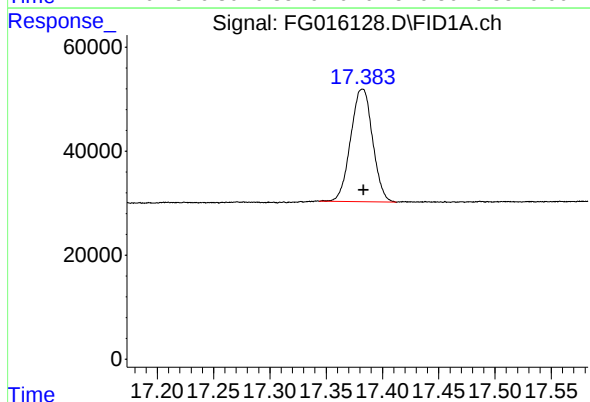
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 270927
Conc: 2.35 ug/ml

Instrument :
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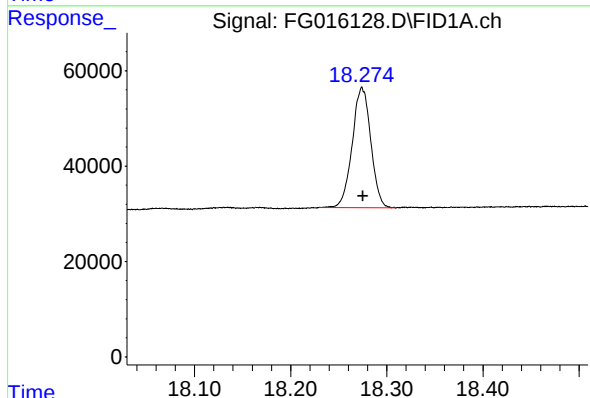
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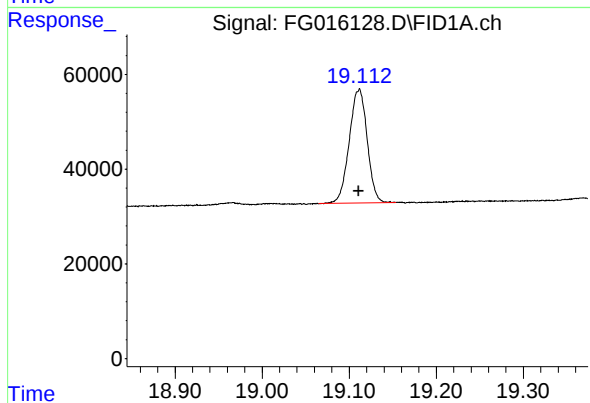
#16 n-Octacosane (C28)

R.T.: 17.382 min
Delta R.T.: -0.001 min
Response: 292965
Conc: 2.58 ug/ml



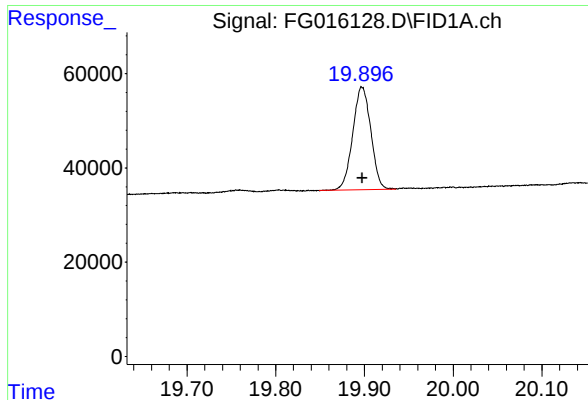
#17 n-Tricontane (C30)

R.T.: 18.274 min
Delta R.T.: 0.000 min
Response: 338676
Conc: 2.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.111 min
Delta R.T.: 0.000 min
Response: 343991
Conc: 3.16 ug/ml



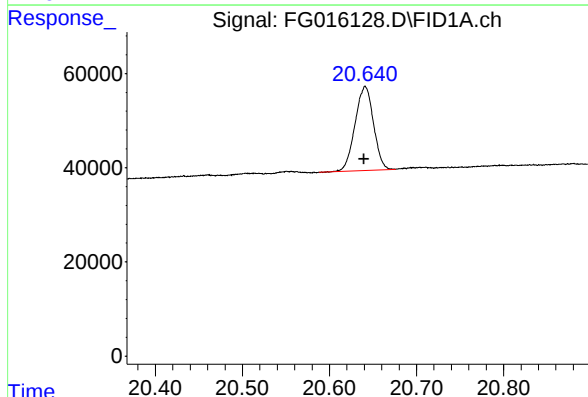
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 308468
Conc: 3.12 ug/ml

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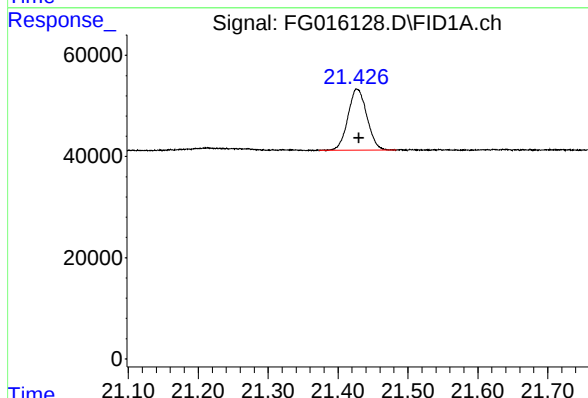
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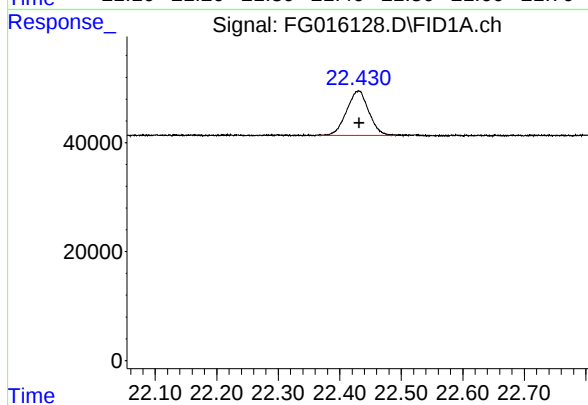
#20 n-Hexatriacontane (C36)

R.T.: 20.641 min
Delta R.T.: 0.002 min
Response: 262405
Conc: 3.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.427 min
Delta R.T.: -0.003 min
Response: 227121
Conc: 3.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: -0.001 min
Response: 203930
Conc: 2.95 ug/ml