

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG0616100.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 15:01
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:01:57 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...	13.538	5130301	50.914 ug/ml
Spiked Amount 50.000		Recovery =	101.83%
Target Compounds			
1) T n-Nonane (C9)	3.420	303135	2.802 ug/ml
2) T n-Decane (C10)	4.679	369924	3.372 ug/ml
4) T n-Dodecane (C12)	6.857	427657	3.884 ug/ml
6) T n-Tetradecane (C14)	8.695	464988	4.234 ug/ml
7) T n-Hexadecane (C16)	10.313	447566	3.932 ug/ml
8) T n-Octadecane (C18)	11.766	481216	4.134 ug/ml
10) T n-Eicosane (C20)	13.085	518648	4.557 ug/ml
11) T n-Heneicosane (C21)	13.700	494923	4.372 ug/ml
13) T n-Docosane (C22)	14.290	511175	4.497 ug/ml
14) T n-Tetracosane (C24)	15.401	514400	4.461 ug/ml
15) T n-Hexacosane (C26)	16.428	515173	4.477 ug/ml
16) T n-Octacosane (C28)	17.384	536747	4.729 ug/ml
17) T n-Tricontane (C30)	18.276	592200	5.172 ug/ml
18) T n-Dotriacontane (C32)	19.112	599632	5.500 ug/ml
19) T n-Tetratriacontane (C34)	19.899	555946	5.619 ug/ml
20) T n-Hexatriacontane (C36)	20.642	492166	5.798 ug/ml
21) T n-Octatriacontane (C38)	21.432	442576	5.863 ug/ml
22) T n-Tetracontane (C40)	22.433	394975	5.712 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
Data File : FG016100.D
Signal(s) : FID1A.ch
Acq On : 16 Jun 2025 15:01
Operator : YP\AJ
Sample : Q2126-07
Misc : 4 PPM WATER LOD
ALS Vial : 33 Sample Multiplier: 1

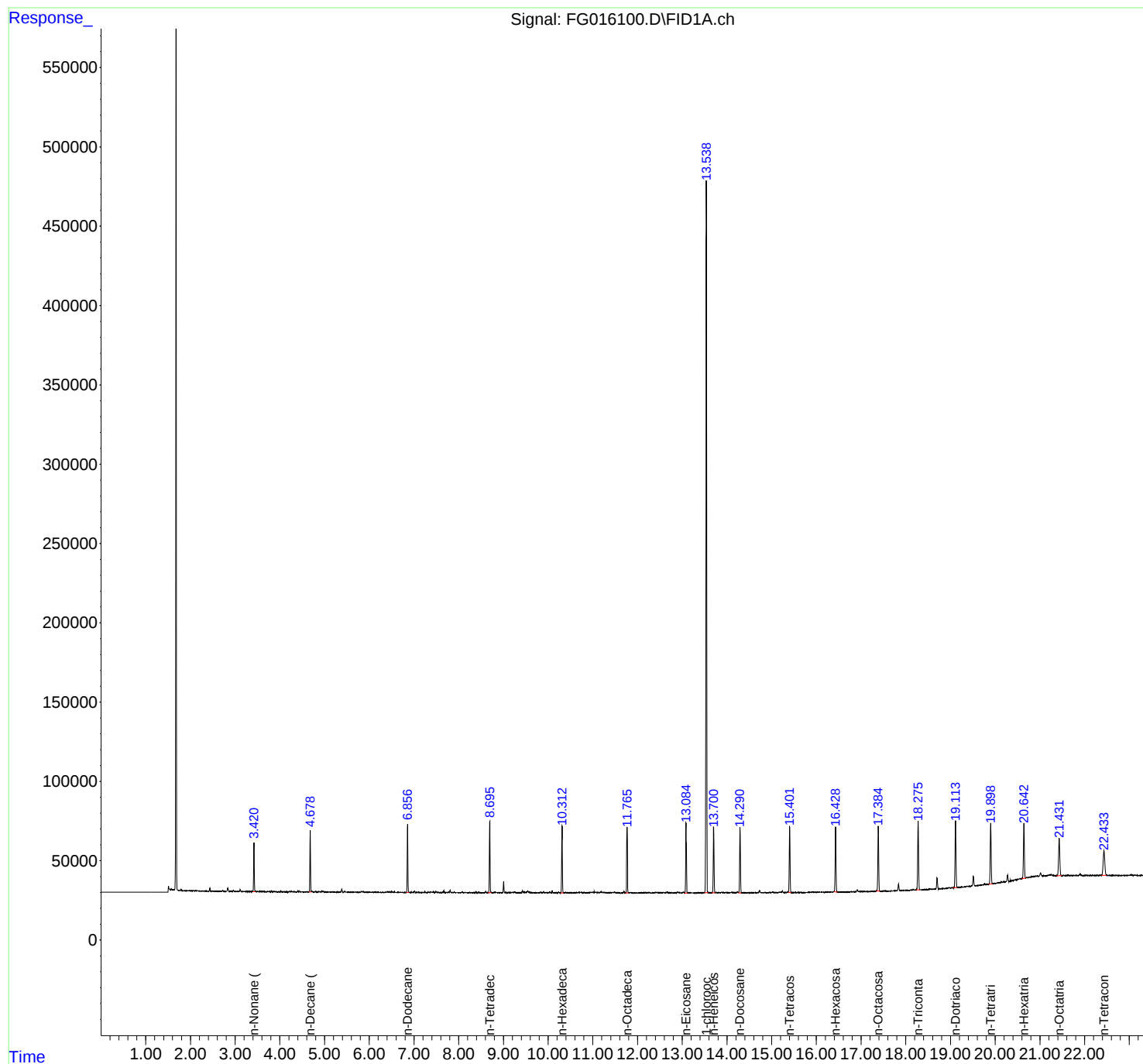
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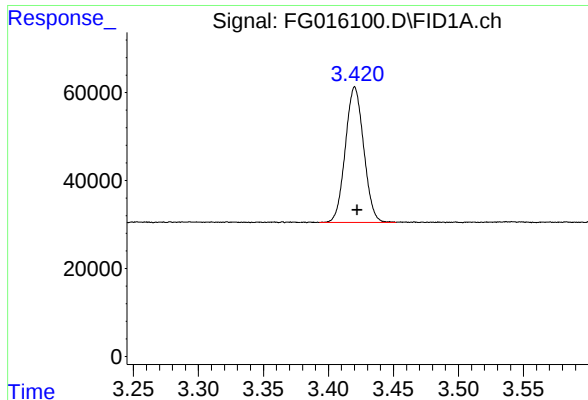
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 303135
Conc: 2.80 ug/ml

Instrument :

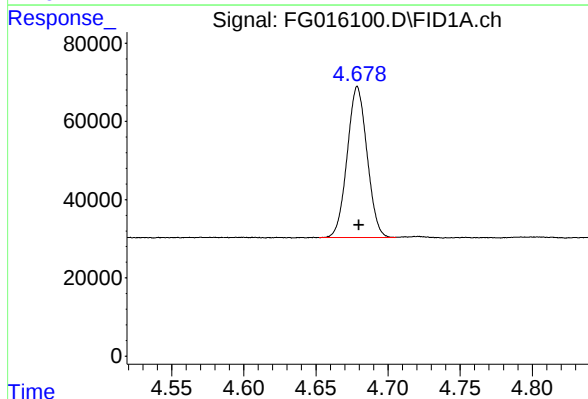
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ClientSampleId :

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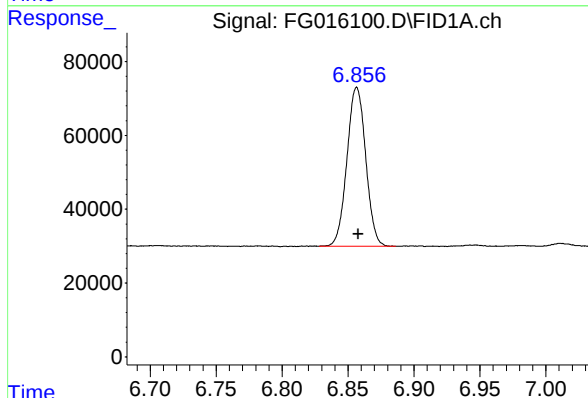
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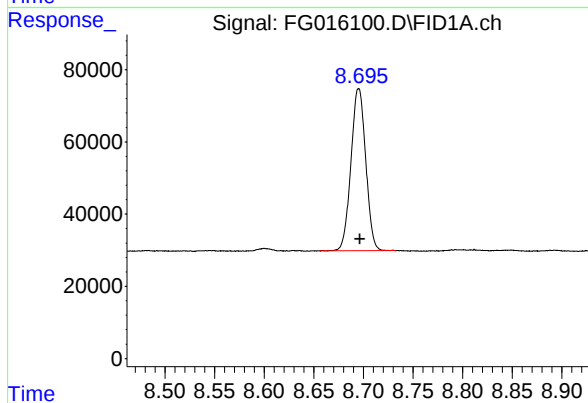
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 369924
Conc: 3.37 ug/ml



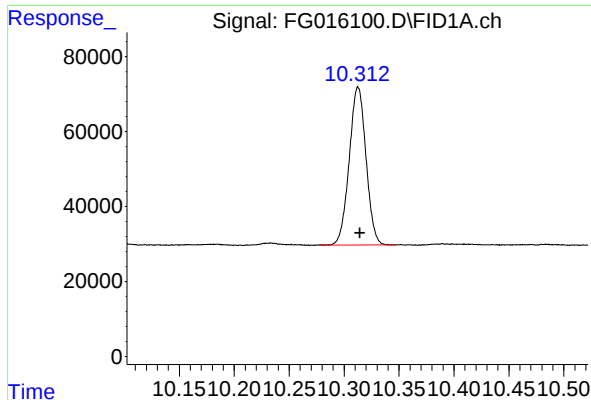
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 427657
Conc: 3.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.001 min
Response: 464988
Conc: 4.23 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.002 min
Response: 447566
Conc: 3.93 ug/ml

Instrument :

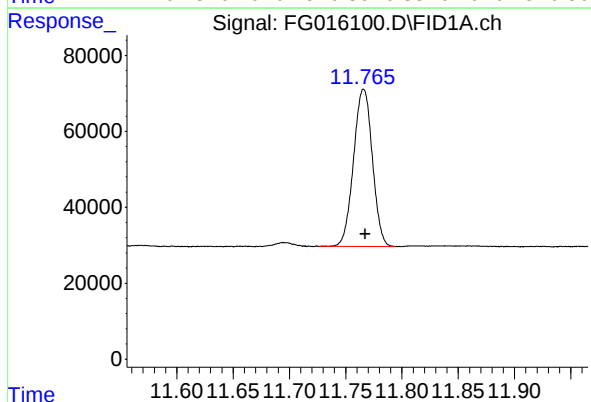
FID_G

ClientSampleId :

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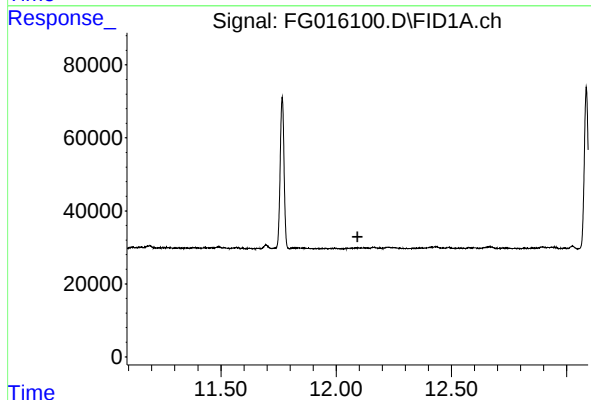
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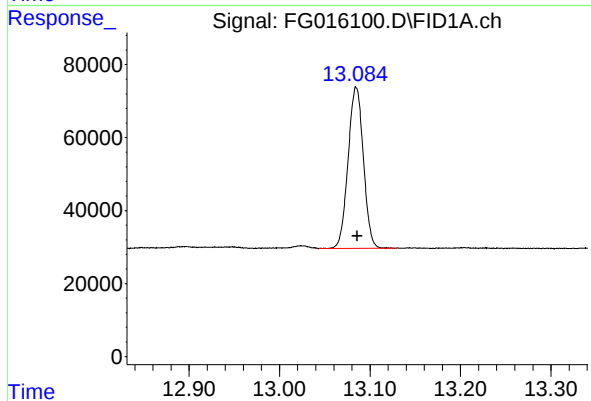
#8 n-Octadecane (C18)

R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 481216
Conc: 4.13 ug/ml



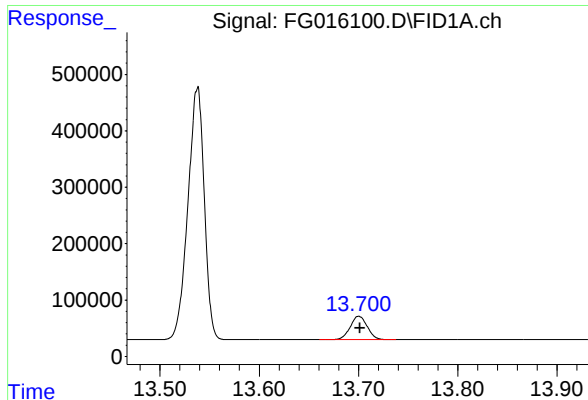
#9 ortho-Terphenyl (SURR)

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: 518648
Conc: 4.56 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.700 min
Delta R.T.: -0.001 min
Response: 494923
Conc: 4.37 ug/ml

Instrument :

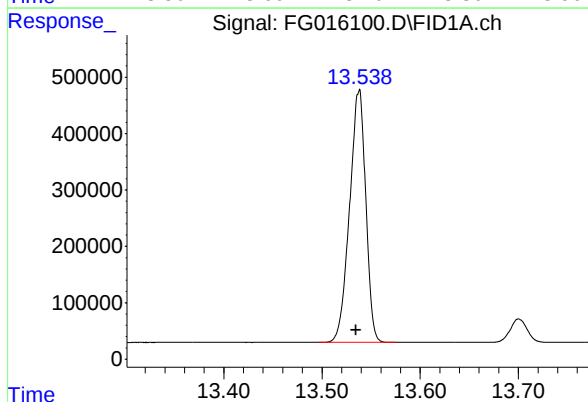
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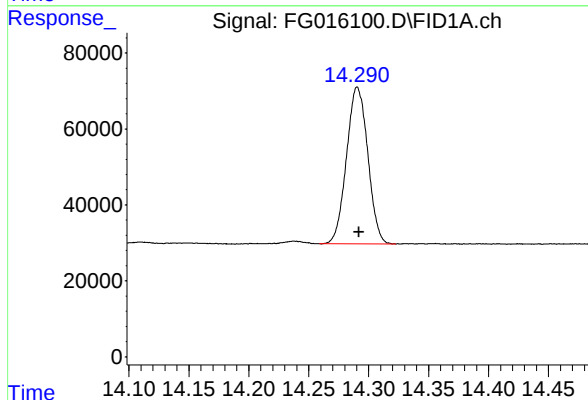
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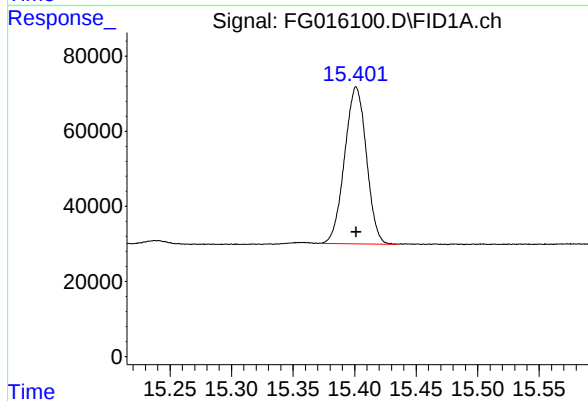
#12 1-chlorooctadecane (SURR)

R.T.: 13.538 min
Delta R.T.: 0.003 min
Response: 5130301
Conc: 50.91 ug/ml



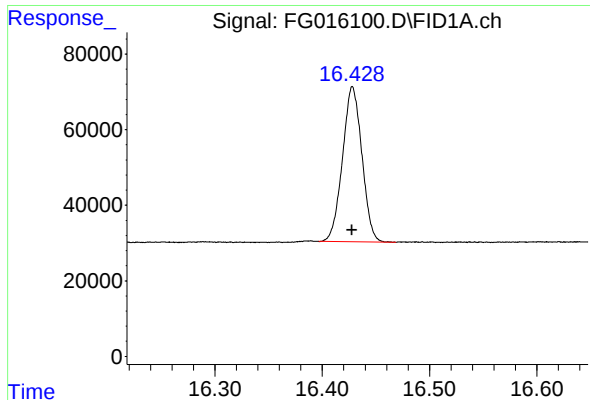
#13 n-Docosane (C22)

R.T.: 14.290 min
Delta R.T.: -0.001 min
Response: 511175
Conc: 4.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: 0.000 min
Response: 514400
Conc: 4.46 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 515173
Conc: 4.48 ug/ml

Instrument :

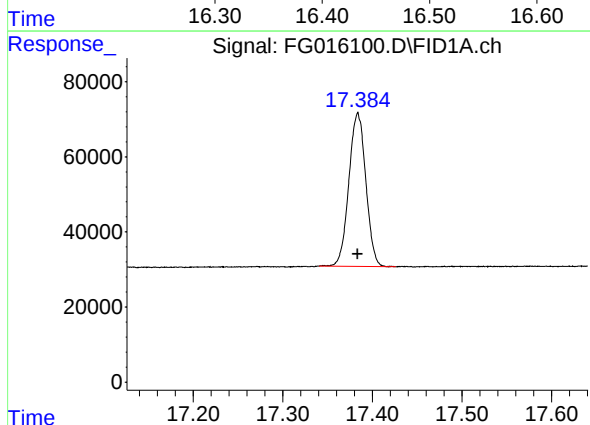
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ClientSampleId :

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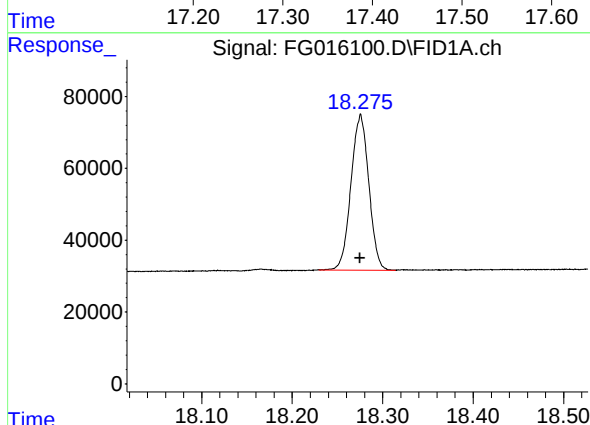
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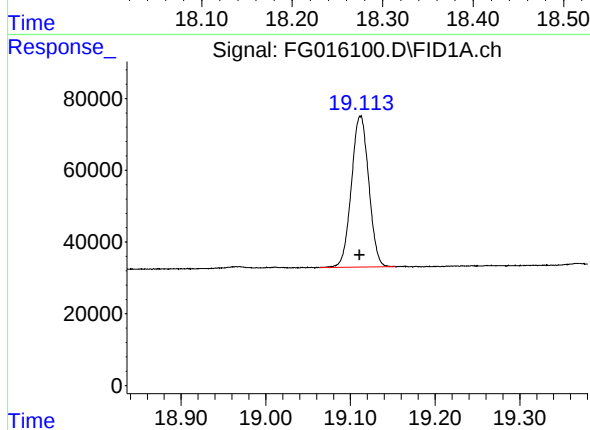
#16 n-Octacosane (C28)

R.T.: 17.384 min
Delta R.T.: 0.000 min
Response: 536747
Conc: 4.73 ug/ml



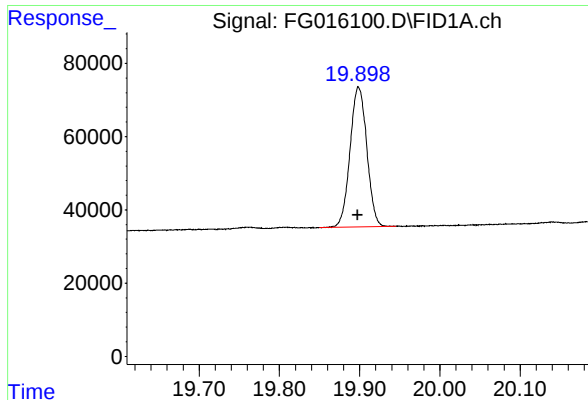
#17 n-Tricontane (C30)

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 592200
Conc: 5.17 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.112 min
Delta R.T.: 0.000 min
Response: 599632
Conc: 5.50 ug/ml



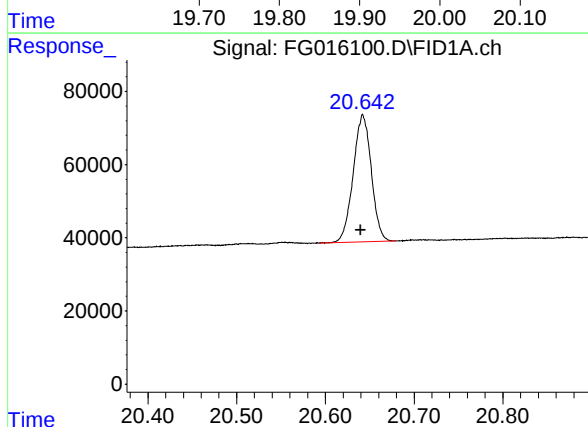
#19 n-Tetratriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.001 min
Response: 555946
Conc: 5.62 ug/ml

Instrument :
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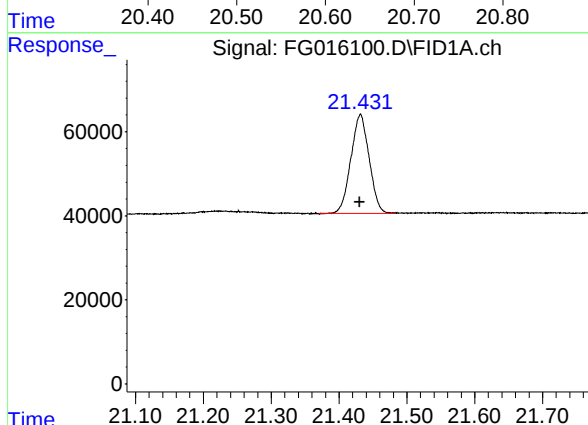
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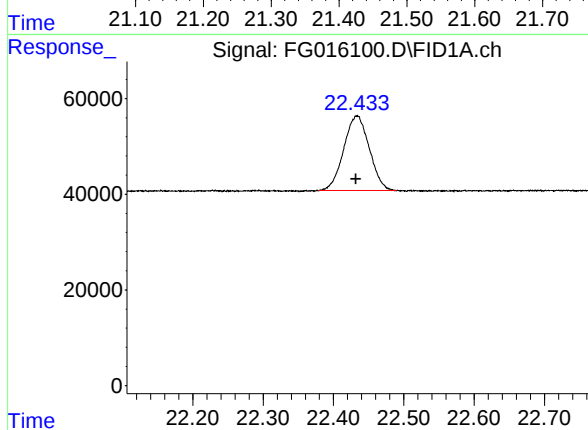
#20 n-Hexatriacontane (C36)

R.T.: 20.642 min
Delta R.T.: 0.003 min
Response: 492166
Conc: 5.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.432 min
Delta R.T.: 0.001 min
Response: 442576
Conc: 5.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.433 min
Delta R.T.: 0.001 min
Response: 394975
Conc: 5.71 ug/ml m