

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061453.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 22:44
 Operator : YP/AJ
 Sample : N4490-09MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-14-B-SP-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:49:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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...	13.015	495400	3.537 ug/ml
Spiked Amount 50.000		Recovery =	7.07%
Target Compounds			
1) T n-Nonane (C9)	3.332	196841	1.302 ug/mlm
2) T n-Decane (C10)	4.401	242889	1.601 ug/mlm
4) T n-Dodecane (C12)	6.419	245876	1.588 ug/mlm
6) T n-Tetradecane (C14)	8.217	487239	3.115 ug/mlm
7) T n-Hexadecane (C16)	9.820	505225	3.226 ug/mlm
8) T n-Octadecane (C18)	11.262	542878	3.441 ug/mlm
10) T n-Eicosane (C20)	12.572	597442	3.843 ug/ml
11) T n-Heneicosane (C21)	13.183	466141	2.980 ug/ml
13) T n-Docosane (C22)	13.769	527783	3.401 ug/ml
14) T n-Tetracosane (C24)	14.872	484910	3.134 ug/ml
15) T n-Hexacosane (C26)	15.891	467143	3.104 ug/ml
16) T n-Octacosane (C28)	16.840	612875	4.149 ug/ml
17) T n-Tricontane (C30)	17.726	485403	3.514 ug/ml
18) T n-Dotriacontane (C32)	18.558	405012	3.690 ug/ml
19) T n-Tetratriacontane (C34)	19.340	504408	6.535 ug/mlm
20) T n-Hexatriacontane (C36)	20.078	342782	6.071 ug/mlm
21) T n-Octatriacontane (C38)	20.814	449850	9.697 ug/ml
22) T n-Tetracontane (C40)	21.726	339538	8.095 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

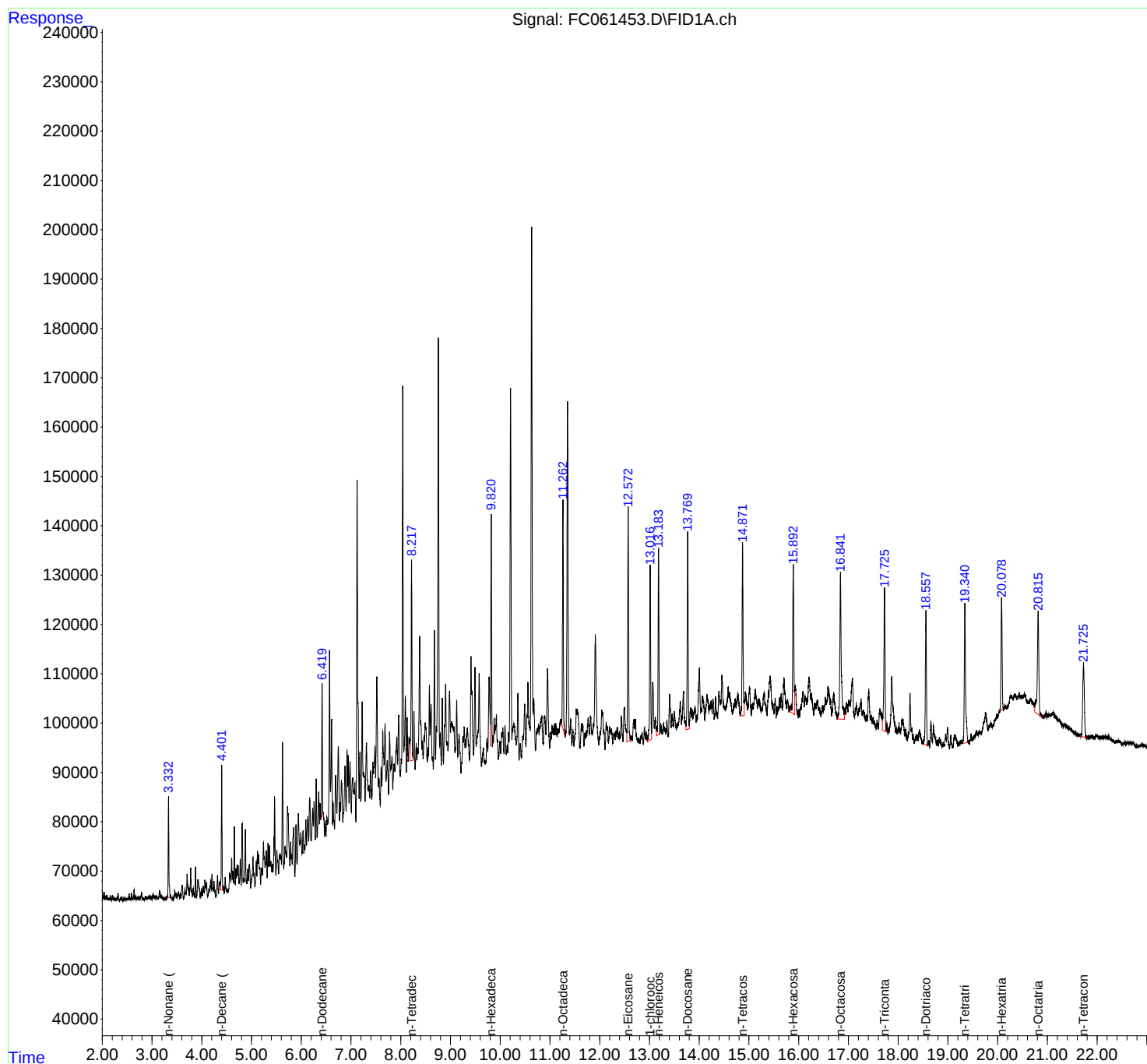
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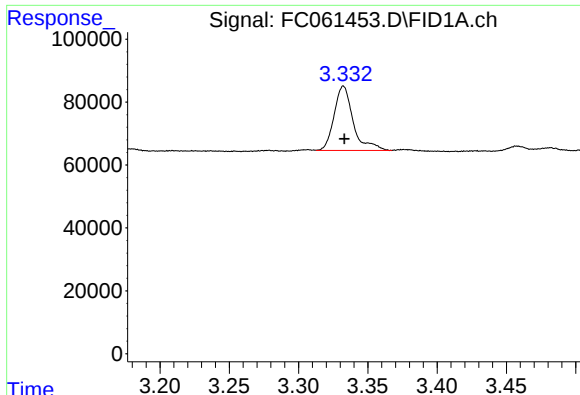
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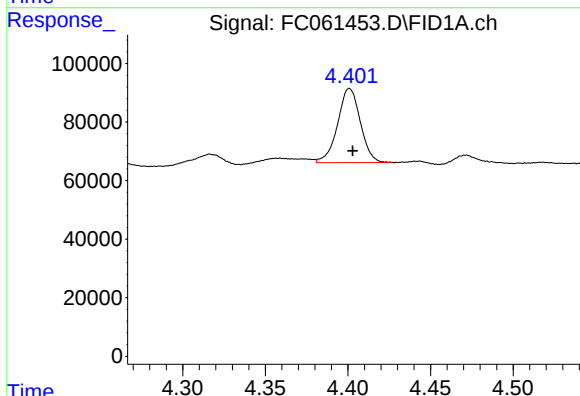
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 196841
Conc: 1.30 ug/ml

Instrument :
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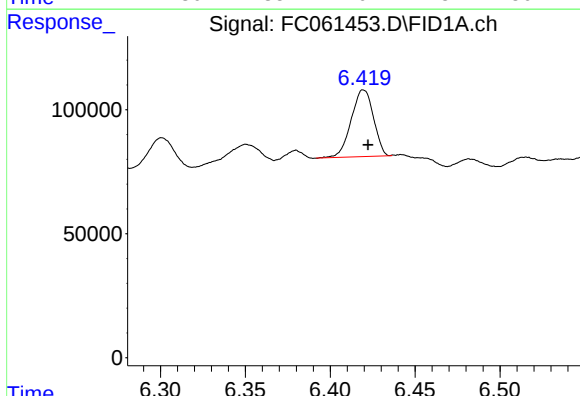
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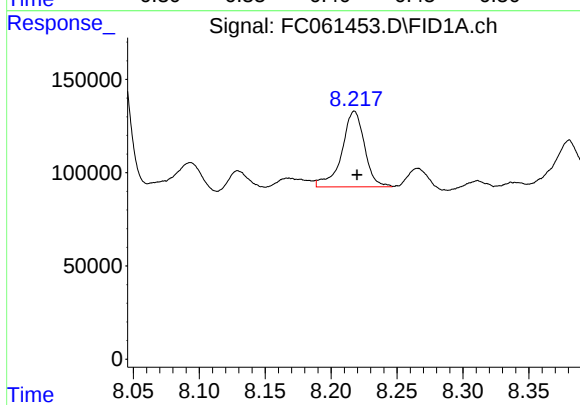
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.002 min
Response: 242889
Conc: 1.60 ug/ml m



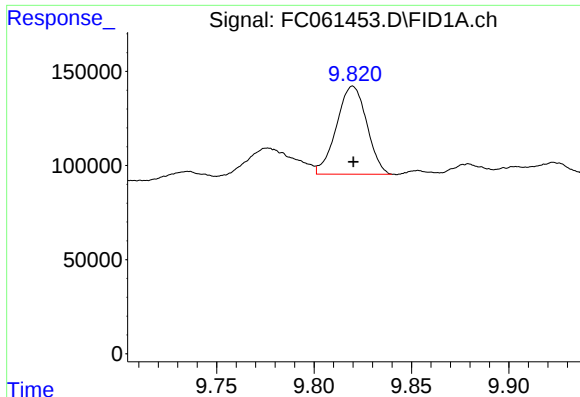
#4 n-Dodecane (C12)

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 245876
Conc: 1.59 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 487239
Conc: 3.12 ug/ml m



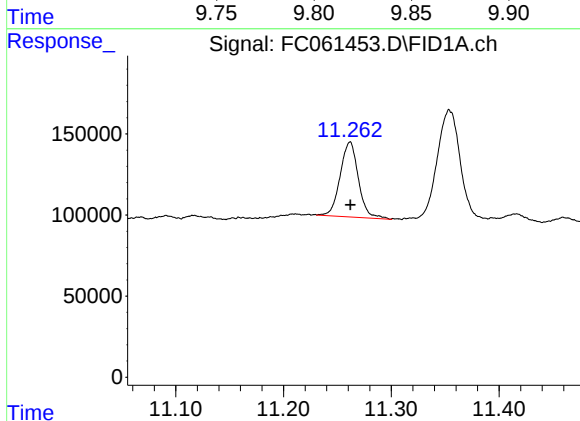
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 505225
Conc: 3.23 ug/ml

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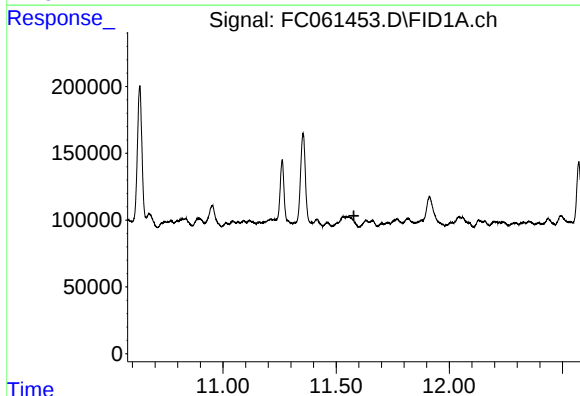
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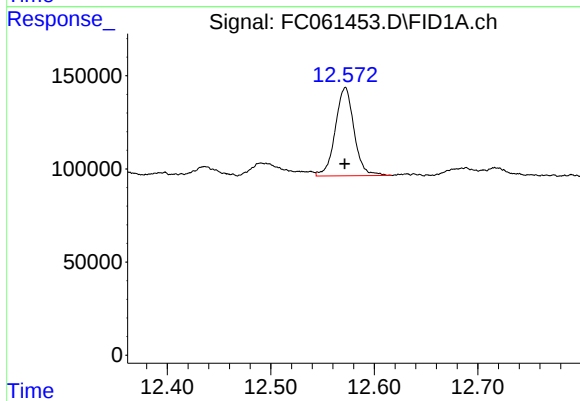
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 542878
Conc: 3.44 ug/ml m



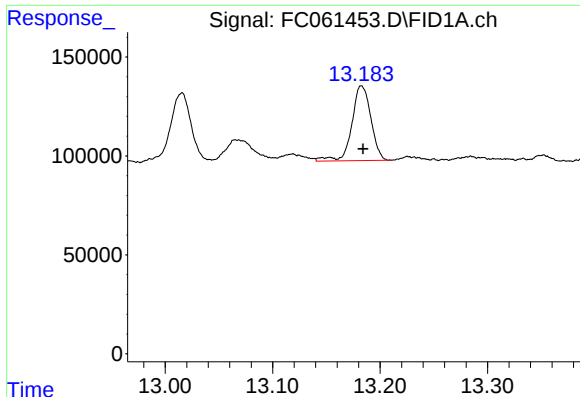
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.578 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 597442
Conc: 3.84 ug/ml



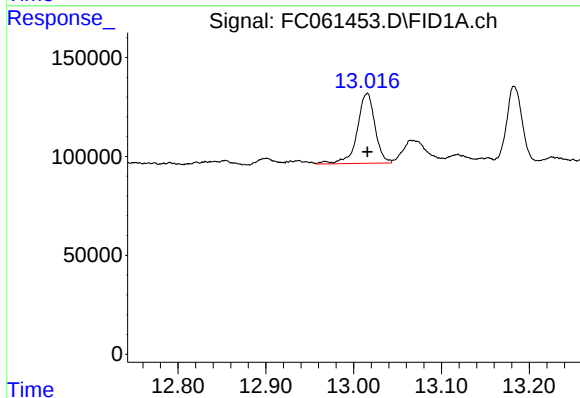
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.001 min
Response: 466141
Conc: 2.98 ug/ml

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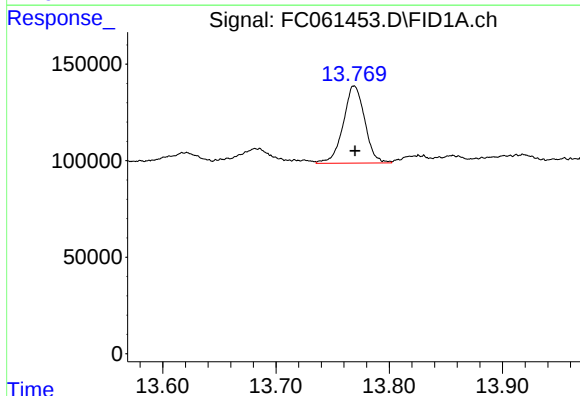
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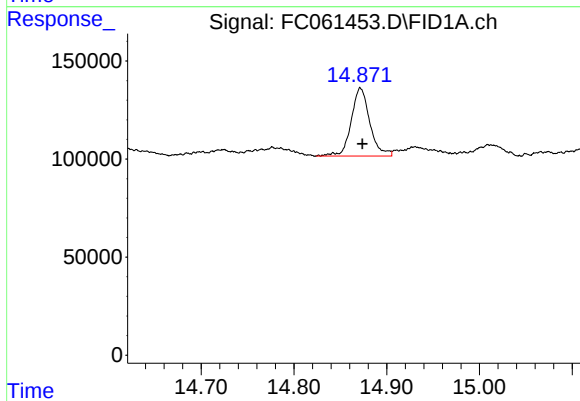
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: 0.000 min
Response: 495400
Conc: 3.54 ug/ml



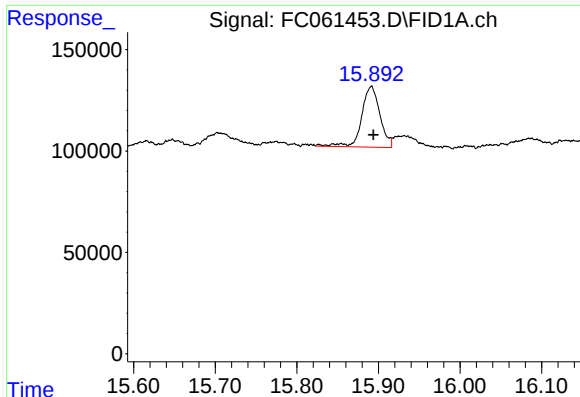
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 527783
Conc: 3.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.002 min
Response: 484910
Conc: 3.13 ug/ml



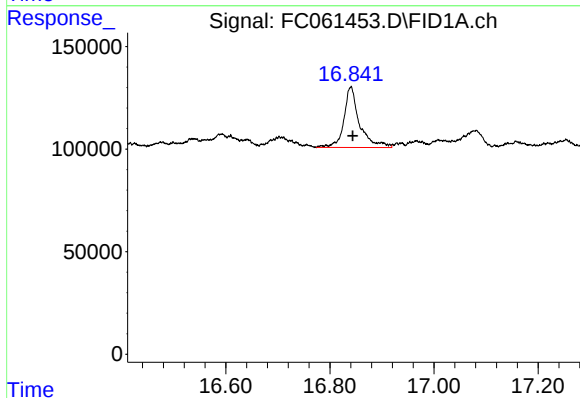
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.003 min
Response: 467143
Conc: 3.10 ug/ml

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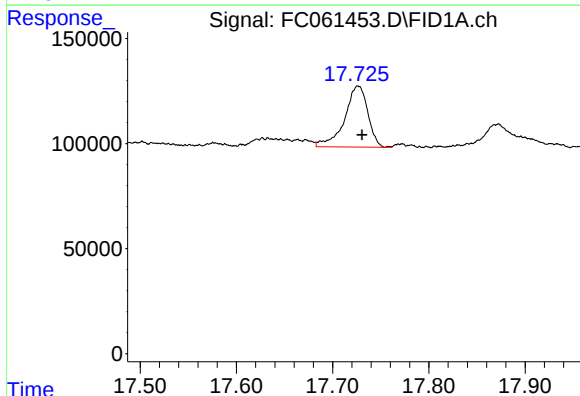
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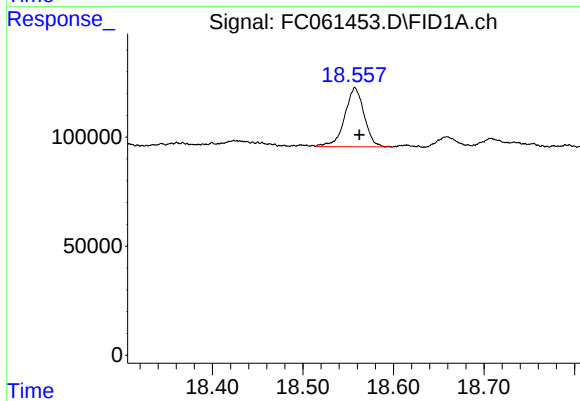
#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: -0.003 min
Response: 612875
Conc: 4.15 ug/ml



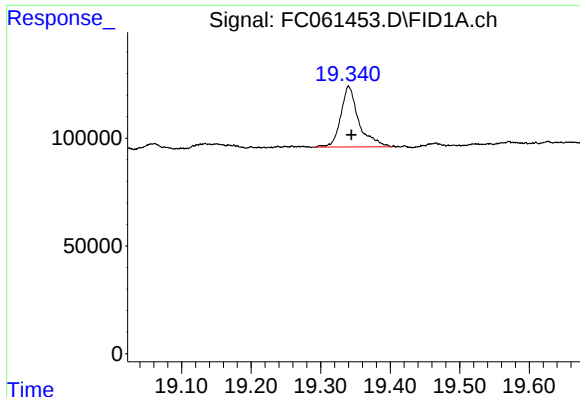
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.004 min
Response: 485403
Conc: 3.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.005 min
Response: 405012
Conc: 3.69 ug/ml



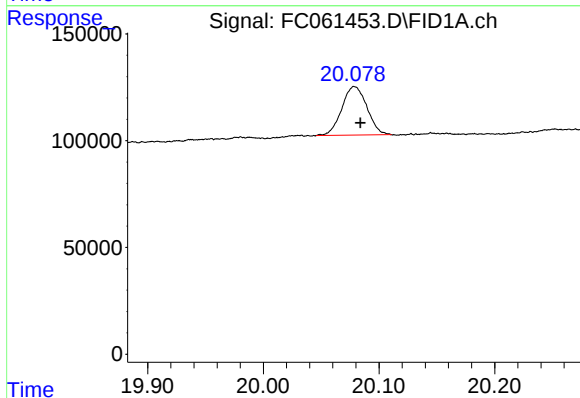
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.004 min
Response: 504408
Conc: 6.53 ug/ml

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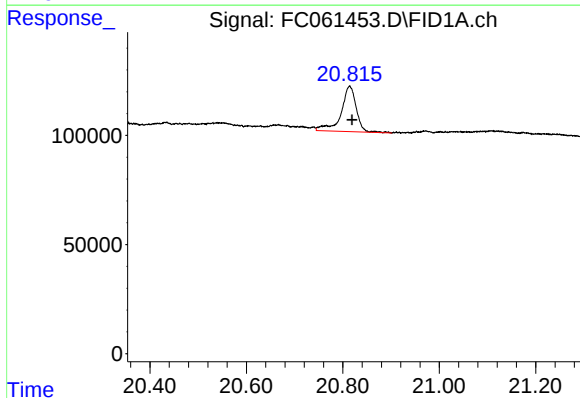
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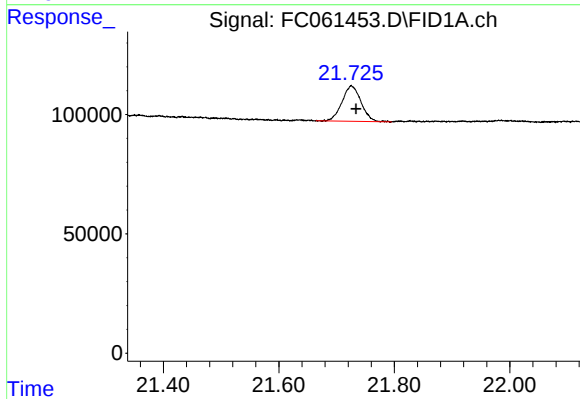
#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.006 min
Response: 342782
Conc: 6.07 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.005 min
Response: 449850
Conc: 9.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.726 min
Delta R.T.: -0.008 min
Response: 339538
Conc: 8.10 ug/ml