

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122623AL\
 Data File : FC065519.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 11:59
 Operator : YP/AJ
 Sample : 05993-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 E8965C-S-002MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:24:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 2023
 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...	12.931	6599783	40.376 ug/ml
Spiked Amount 50.000		Recovery =	80.75%
Target Compounds			
1) T n-Nonane (C9)	3.301	20710324	104.154 ug/ml
2) T n-Decane (C10)	4.371	40282217	200.933 ug/mlm
4) T n-Dodecane (C12)	6.369	13259750	64.861 ug/mlm
6) T n-Tetradecane (C14)	8.157	11359119	56.702 ug/ml
7) T n-Hexadecane (C16)	9.751	12283632	61.365 ug/ml
8) T n-Octadecane (C18)	11.187	13117350	66.656 ug/ml
10) T n-Eicosane (C20)	12.491	13135538	70.068 ug/ml
11) T n-Heneicosane (C21)	13.099	12516397	68.623 ug/ml
13) T n-Docosane (C22)	13.683	12347068	68.434 ug/ml
14) T n-Tetracosane (C24)	14.781	11872382	65.902 ug/ml
15) T n-Hexacosane (C26)	15.796	11467036	66.197 ug/ml
16) T n-Octacosane (C28)	16.741	11033966	64.338 ug/ml
17) T n-Tricontane (C30)	17.624	10922727	62.365 ug/ml
18) T n-Dotriacontane (C32)	18.453	10658547	61.105 ug/ml
19) T n-Tetratriacontane (C34)	19.231	10485460	63.370 ug/ml
20) T n-Hexatriacontane (C36)	19.970	10066779	62.351 ug/mlm
21) T n-Octatriacontane (C38)	20.688	9907428	62.469 ug/ml
22) T n-Tetracontane (C40)	21.562	9727017	61.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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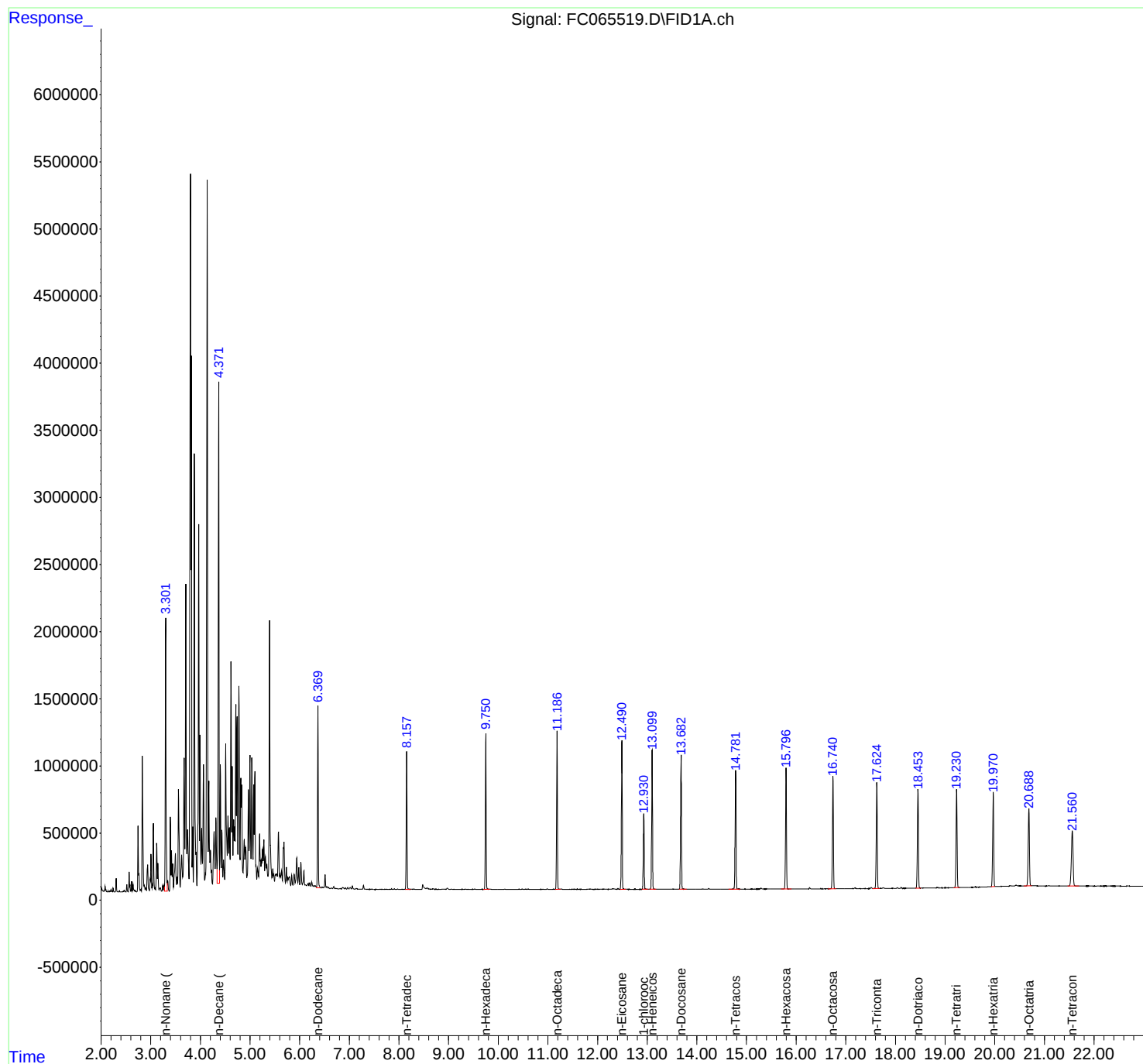
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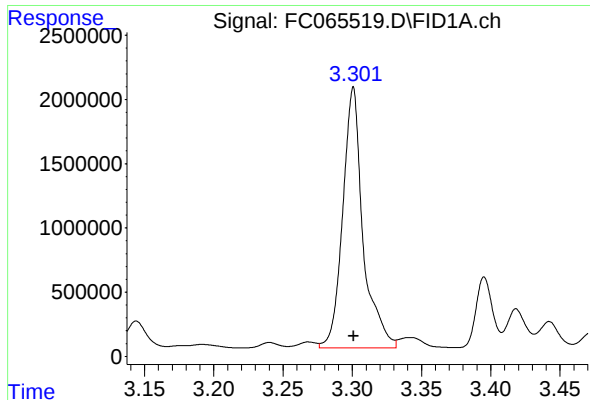
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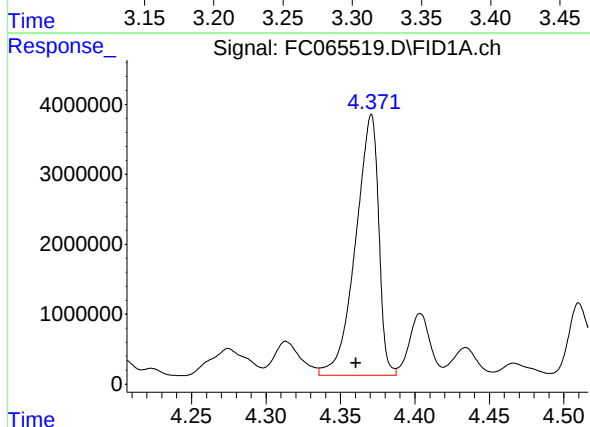
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 20710324
Conc: 104.15 ug/ml

Instrument :
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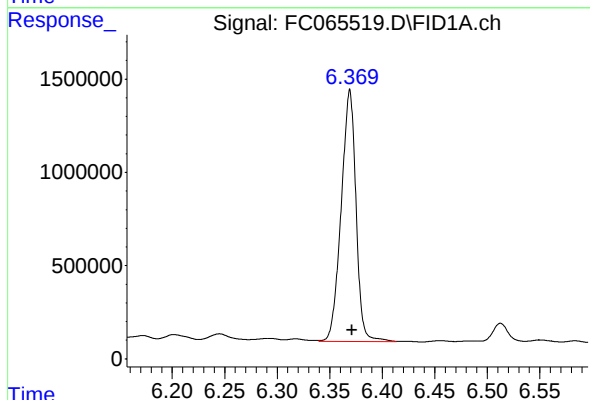
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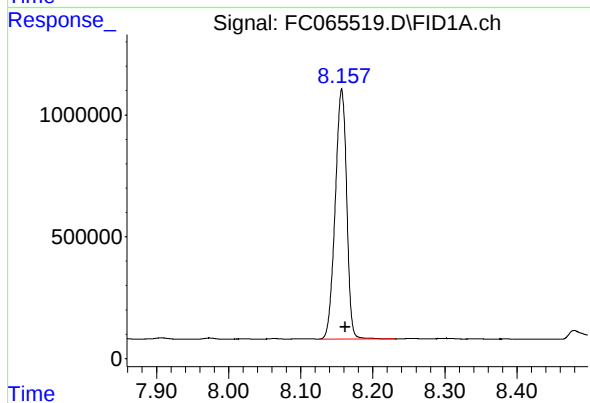
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.010 min
Response: 40282217
Conc: 200.93 ug/ml m



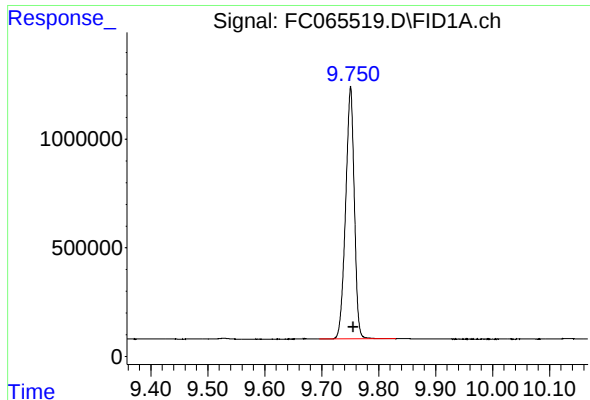
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 13259750
Conc: 64.86 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 11359119
Conc: 56.70 ug/ml



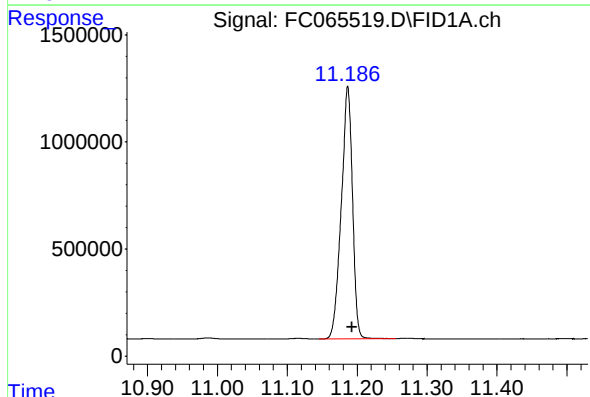
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.005 min
Response: 12283632
Conc: 61.37 ug/ml

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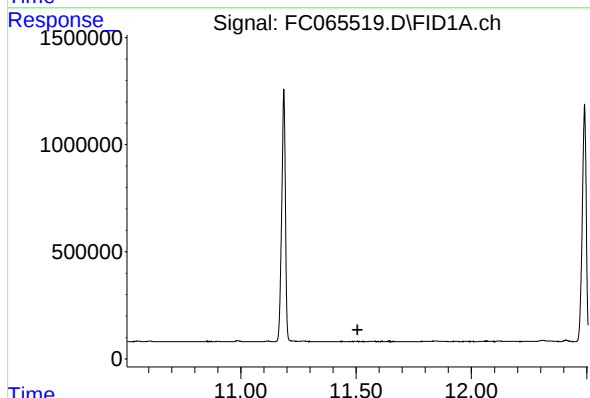
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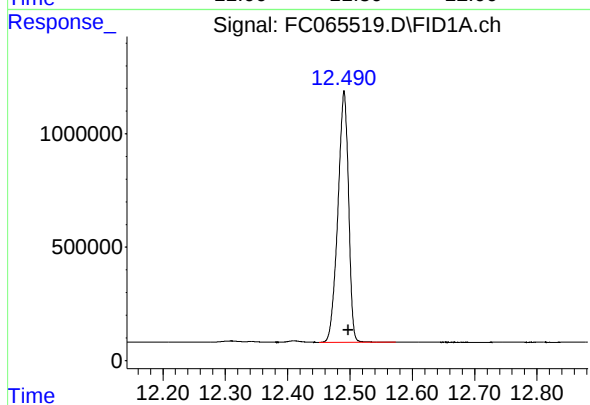
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: -0.006 min
Response: 13117350
Conc: 66.66 ug/ml



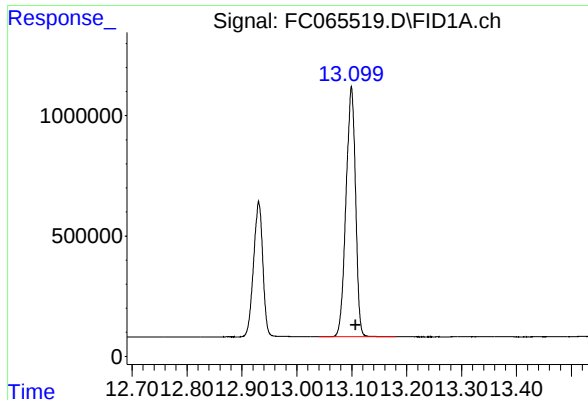
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.506 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: -0.007 min
Response: 13135538
Conc: 70.07 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.008 min
Response: 12516397
Conc: 68.62 ug/ml

Instrument :

FID_C

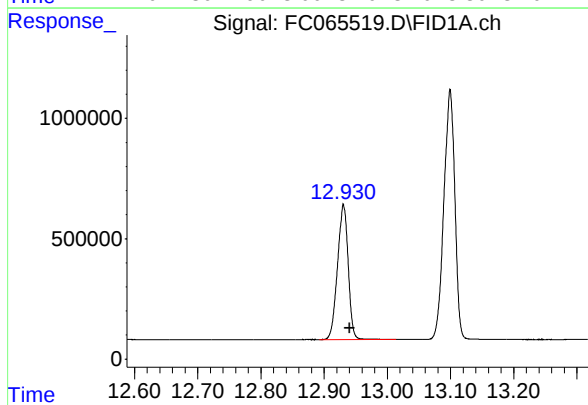
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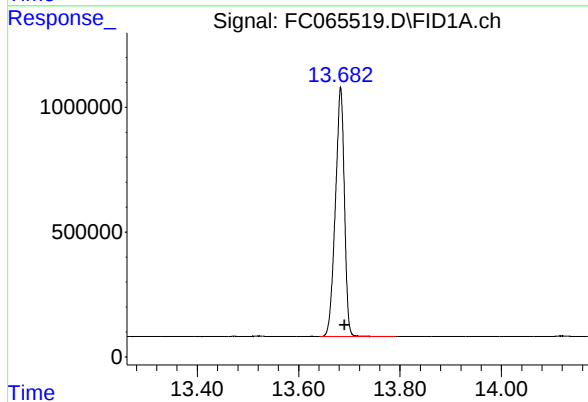
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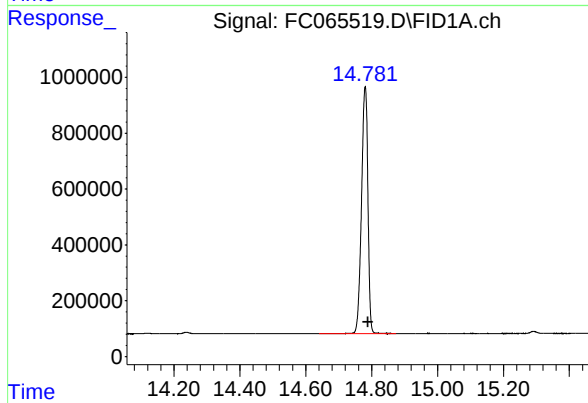
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.010 min
Response: 6599783
Conc: 40.38 ug/ml



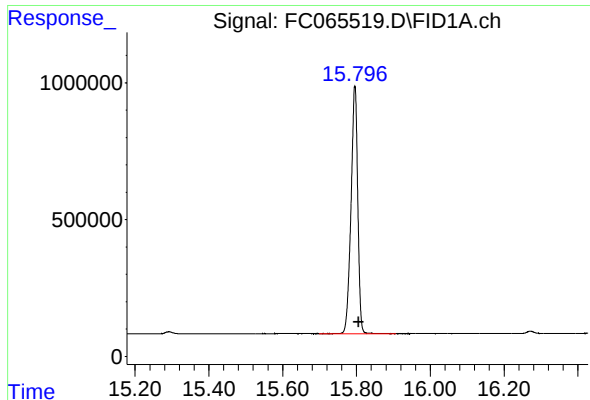
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: -0.008 min
Response: 12347068
Conc: 68.43 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.009 min
Response: 11872382
Conc: 65.90 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: -0.011 min
Response: 11467036
Conc: 66.20 ug/ml

Instrument :

FID_C

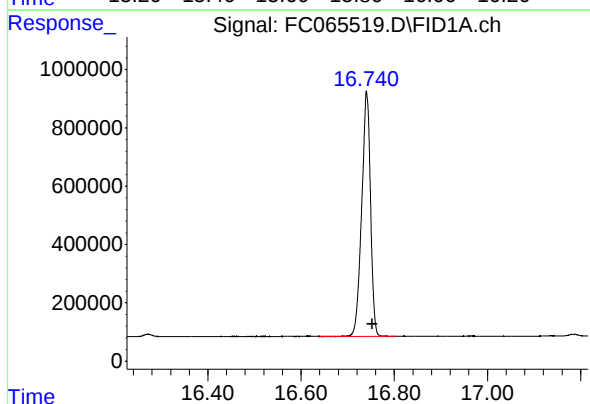
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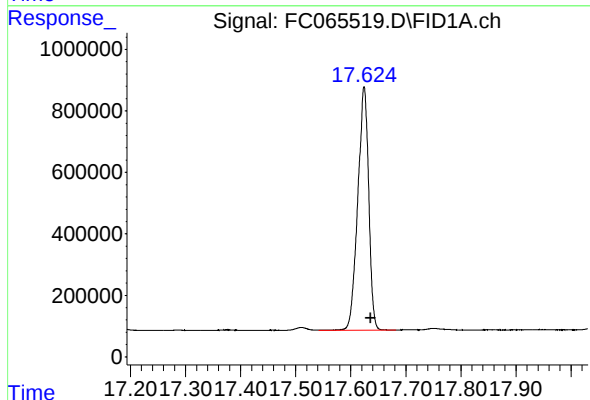
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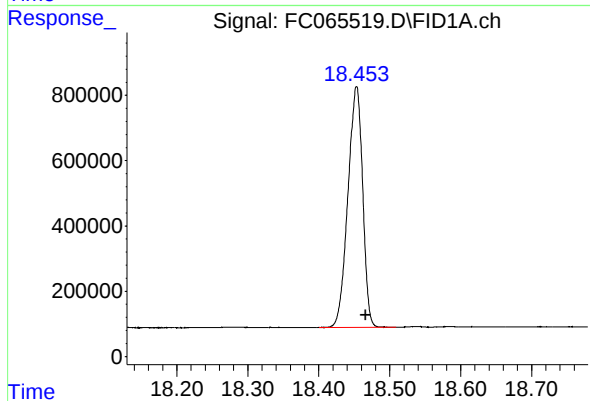
#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: -0.012 min
Response: 11033966
Conc: 64.34 ug/ml



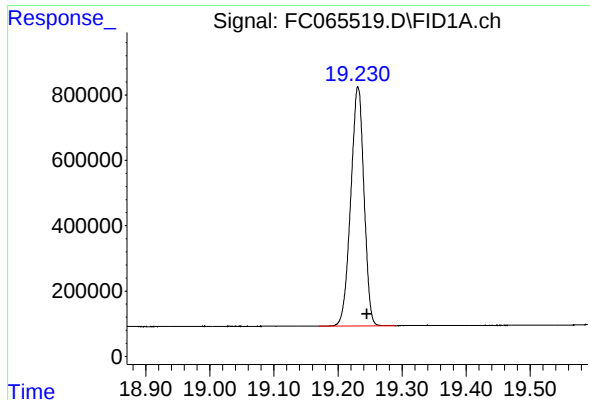
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.012 min
Response: 10922727
Conc: 62.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.013 min
Response: 10658547
Conc: 61.11 ug/ml



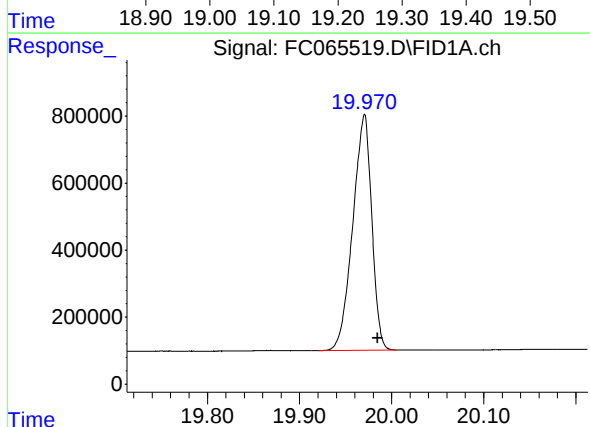
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.014 min
Response: 10485460
Conc: 63.37 ug/ml

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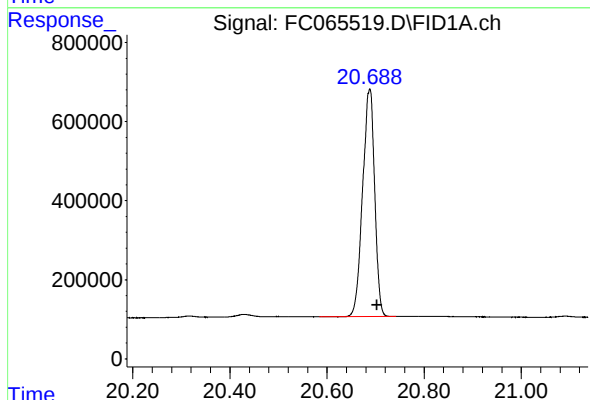
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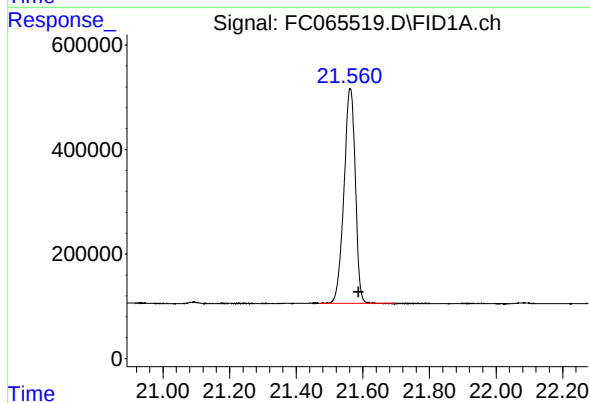
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: -0.015 min
Response: 10066779
Conc: 62.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.015 min
Response: 9907428
Conc: 62.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.562 min
Delta R.T.: -0.026 min
Response: 9727017
Conc: 61.07 ug/ml