

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102623AL\
 Data File : FC064923.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2023 19:33
 Operator : YP/AJ
 Sample : 05027-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 H-DRUMS-SOLIDMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :Ankita Jodhani 10/27/2023

Integration File: autoint1.e
 Quant Time: Oct 27 01:10:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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			
9) S ortho-Terphenyl (SURR)	11.525	7124092	33.365 ug/mlm
Spiked Amount 50.000		Recovery =	66.73%
12) S 1-chlorooctadecane (S...	12.956	4924881	32.845 ug/mlm
Spiked Amount 50.000		Recovery =	65.69%
Target Compounds			
1) T n-Nonane (C9)	3.324	5641676	30.716 ug/ml
2) T n-Decane (C10)	4.383	6342114	34.670 ug/ml
3) T A~Naphthalene (C11.7)	5.961	7015287	36.988 ug/ml
4) T n-Dodecane (C12)	6.391	7449981	39.969 ug/mlm
5) T A~2-methylnaphthalene...	7.015	8238841	47.045 ug/mlm
6) T n-Tetradecane (C14)	8.184	10479263	58.348 ug/mlm
7) T n-Hexadecane (C16)	9.778	11830460	66.508 ug/mlm
8) T n-Octadecane (C18)	11.214	11743875	65.446 ug/mlm
10) T n-Eicosane (C20)	12.517	10667512	61.951 ug/mlm
11) T n-Heneicosane (C21)	13.125	9439481	55.737 ug/mlm
13) T n-Docosane (C22)	13.709	8639799	52.436 ug/ml
14) T n-Tetracosane (C24)	14.799	15019010	94.363 ug/ml
15) T n-Hexacosane (C26)	15.822	7243207	47.284 ug/ml
16) T n-Octacosane (C28)	16.766	7079658	48.042 ug/ml
17) T n-Tricontane (C30)	17.652	6873203	46.976 ug/ml
18) T n-Dotriacontane (C32)	18.478	6708300	46.458 ug/ml
19) T n-Tetratriacontane (C34)	19.259	6586172	46.809 ug/ml
20) T n-Hexatriacontane (C36)	19.994	6361248	45.979 ug/ml
21) T n-Octatriacontane (C38)	20.717	6354908	47.974 ug/ml
22) T n-Tetracontane (C40)	21.601	6263975	50.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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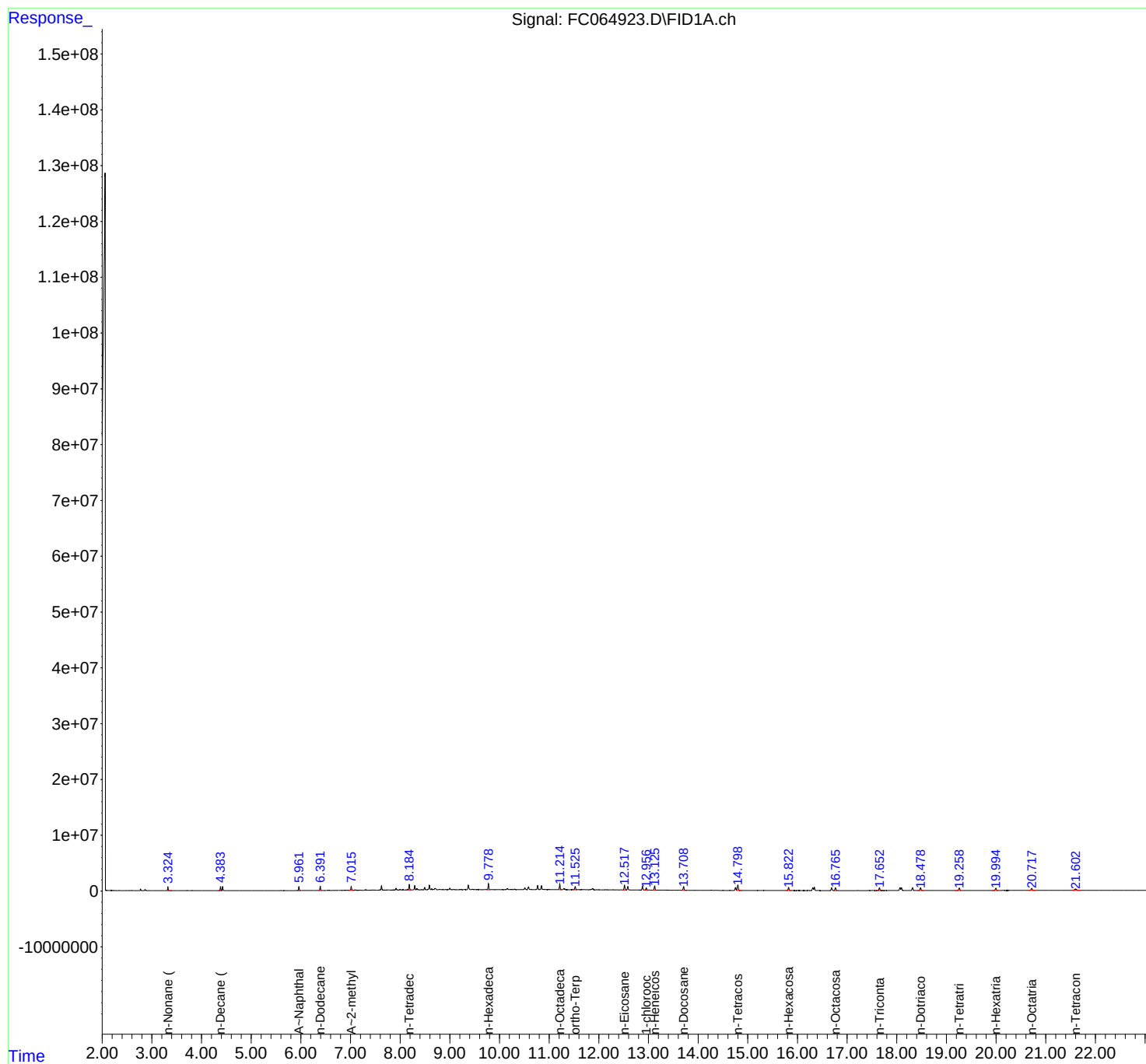
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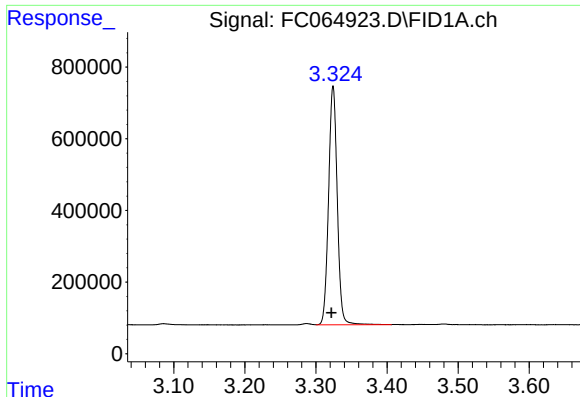
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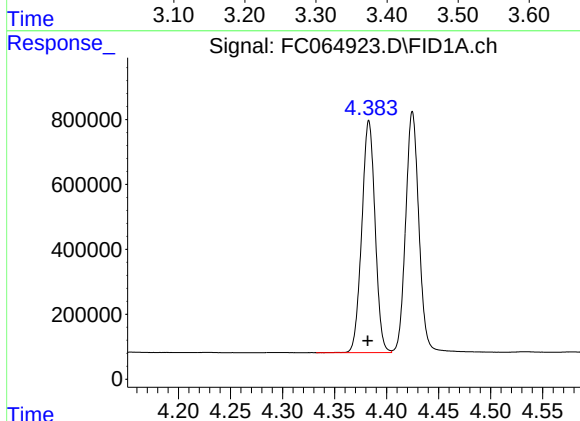
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.002 min
Response: 5641676
Conc: 30.72 ug/ml

Instrument :
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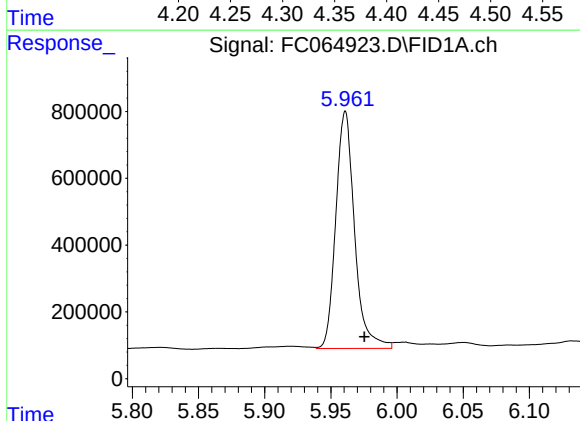
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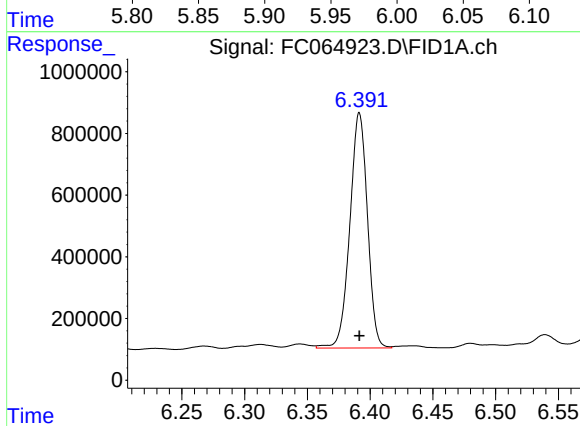
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.001 min
Response: 6342114
Conc: 34.67 ug/ml



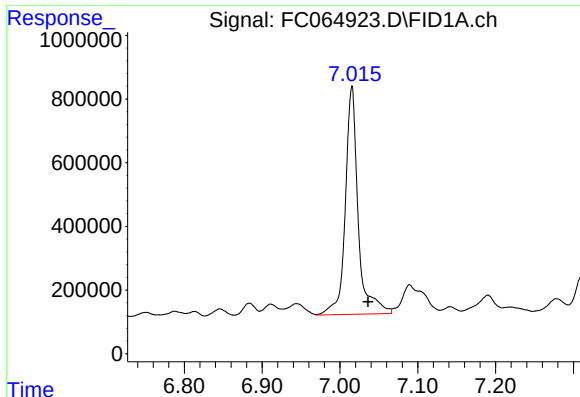
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 7015287
Conc: 36.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 7449981
Conc: 39.97 ug/ml m



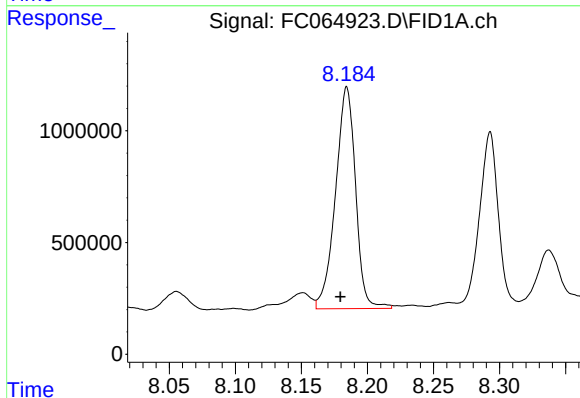
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.021 min
Response: 8238841
Conc: 47.05 ug/ml

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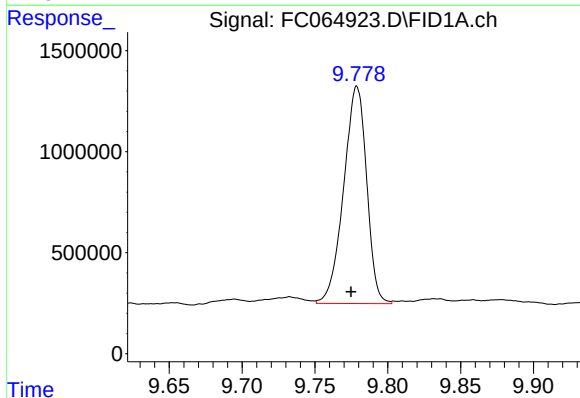
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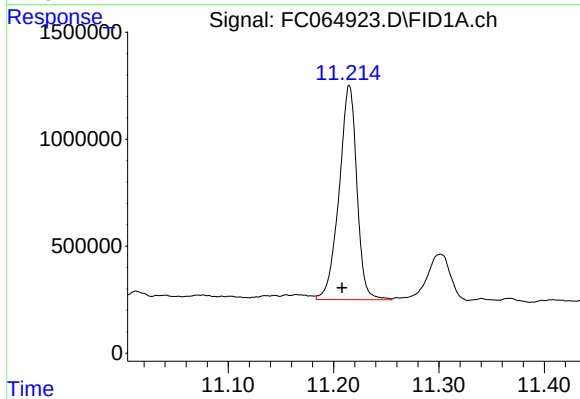
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.004 min
Response: 10479263
Conc: 58.35 ug/ml m



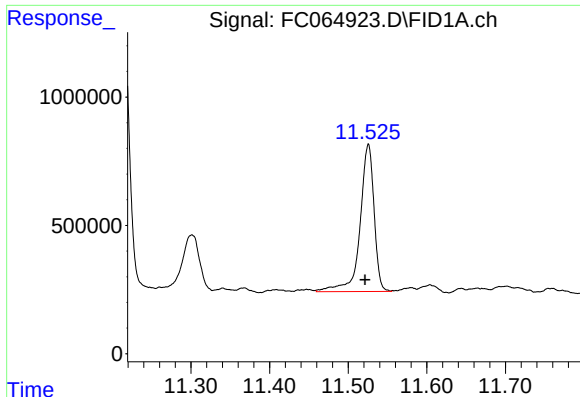
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.003 min
Response: 11830460
Conc: 66.51 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: 0.006 min
Response: 11743875
Conc: 65.45 ug/ml m



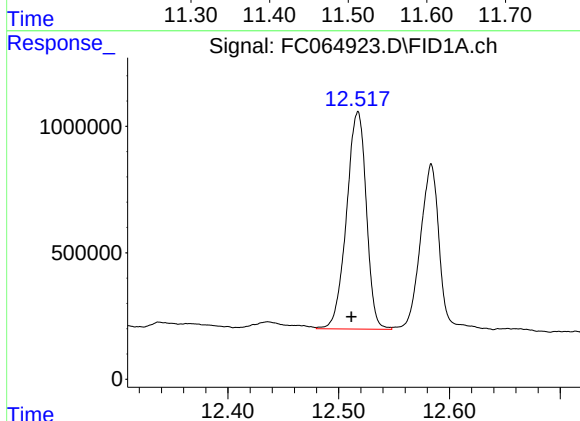
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.004 min
Response: 7124092
Conc: 33.37 ug/ml

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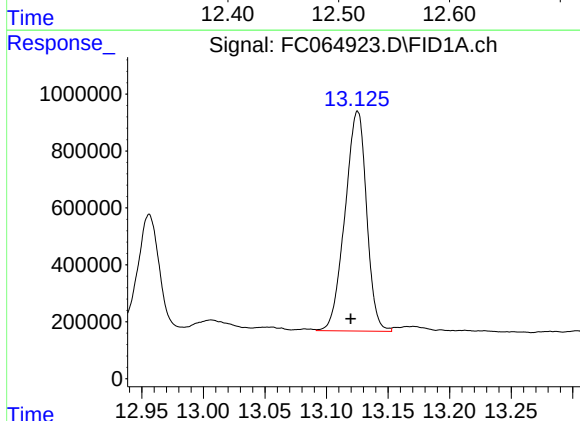
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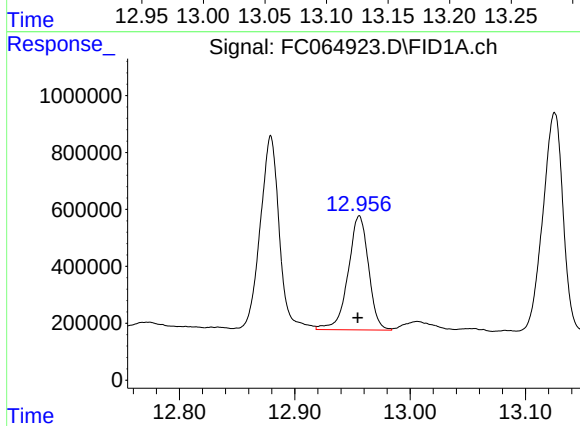
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.006 min
Response: 10667512
Conc: 61.95 ug/ml m



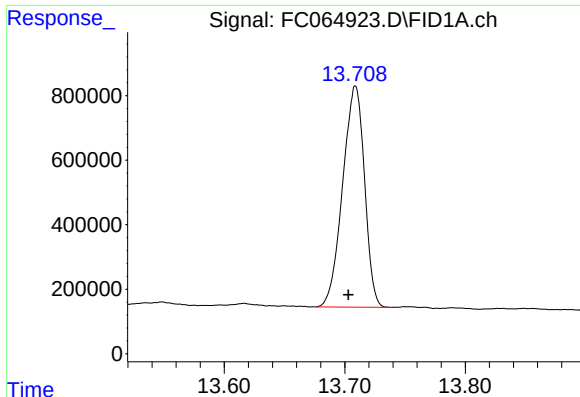
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: 0.005 min
Response: 9439481
Conc: 55.74 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: 0.001 min
Response: 4924881
Conc: 32.85 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: 0.006 min
Response: 8639799
Conc: 52.44 ug/ml

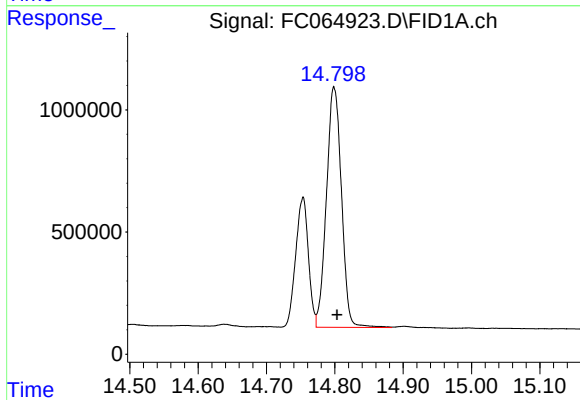
Instrument :

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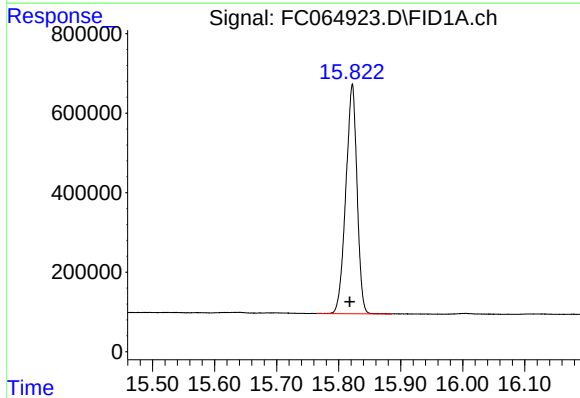
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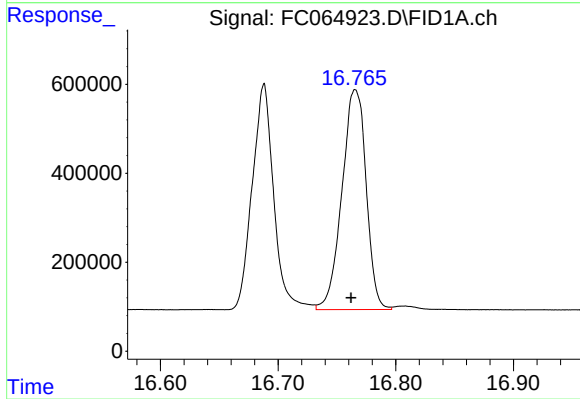
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 15019010
Conc: 94.36 ug/ml



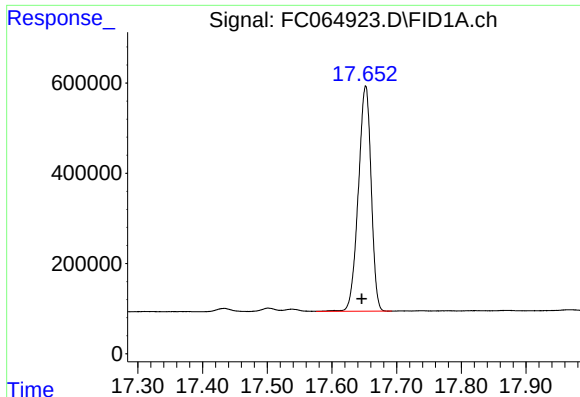
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.004 min
Response: 7243207
Conc: 47.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: 0.004 min
Response: 7079658
Conc: 48.04 ug/ml



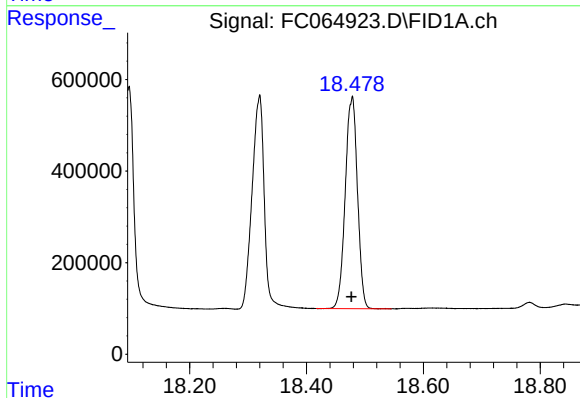
#17 n-Tricontane (C30)

R.T.: 17.652 min
Delta R.T.: 0.006 min
Response: 6873203
Conc: 46.98 ug/ml

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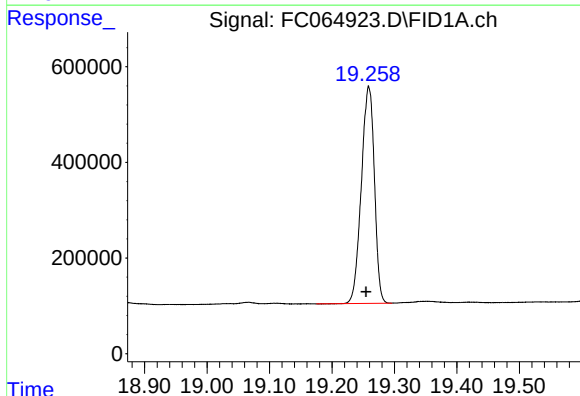
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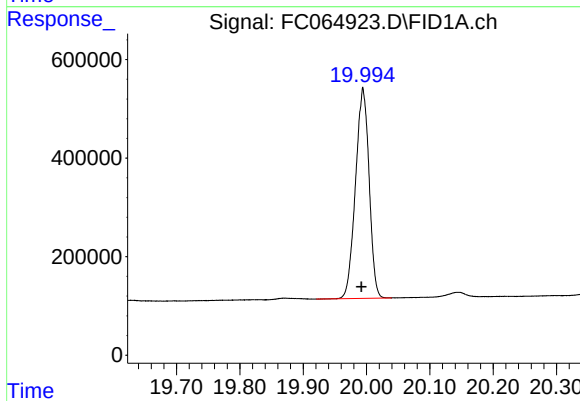
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.002 min
Response: 6708300
Conc: 46.46 ug/ml



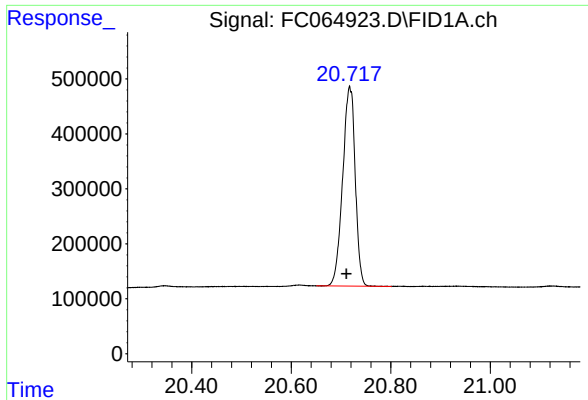
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.004 min
Response: 6586172
Conc: 46.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.002 min
Response: 6361248
Conc: 45.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.006 min
Response: 6354908
Conc: 47.97 ug/ml

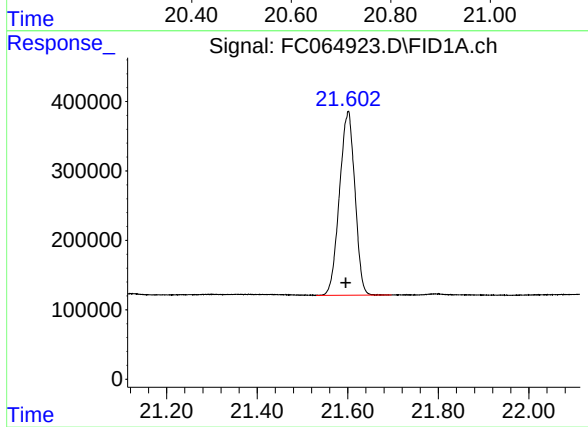
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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.006 min
Response: 6263975
Conc: 50.05 ug/ml