

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102623AL\
 Data File : FC064924.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2023 20:16
 Operator : YP/AJ
 Sample : 05027-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 H-DRUMS-SOLIDMSD

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 01:11:37 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)	11.527	7481609	35.040 ug/mlm
Spiked Amount 50.000		Recovery =	70.08%
12) S 1-chlorooctadecane (S...	12.956	4866526	32.456 ug/mlm
Spiked Amount 50.000		Recovery =	64.91%
Target Compounds			
1) T n-Nonane (C9)	3.322	5558155	30.262 ug/ml
2) T n-Decane (C10)	4.382	6245350	34.141 ug/ml
3) T A~Naphthalene (C11.7)	5.960	7020707	37.017 ug/ml
4) T n-Dodecane (C12)	6.390	7353450	39.451 ug/mlm
5) T A~2-methylnaphthalene...	7.014	8119883	46.366 ug/mlm
6) T n-Tetradecane (C14)	8.183	10264001	57.150 ug/mlm
7) T n-Hexadecane (C16)	9.778	11629066	65.375 ug/mlm
8) T n-Octadecane (C18)	11.216	11529943	64.254 ug/mlm
10) T n-Eicosane (C20)	12.518	10683611	62.045 ug/mlm
11) T n-Heneicosane (C21)	13.125	9264145	54.702 ug/mlm
13) T n-Docosane (C22)	13.707	8532325	51.783 ug/mlm
14) T n-Tetracosane (C24)	14.798	14710049	92.422 ug/ml
15) T n-Hexacosane (C26)	15.821	7149687	46.674 ug/ml
16) T n-Octacosane (C28)	16.766	6994430	47.463 ug/ml
17) T n-Tricontane (C30)	17.651	6783781	46.365 ug/ml
18) T n-Dotriacontane (C32)	18.479	6601920	45.722 ug/ml
19) T n-Tetratriacontane (C34)	19.259	6499528	46.193 ug/ml
20) T n-Hexatriacontane (C36)	19.995	6265978	45.290 ug/ml
21) T n-Octatriacontane (C38)	20.718	6259980	47.258 ug/ml
22) T n-Tetracontane (C40)	21.601	6227868	49.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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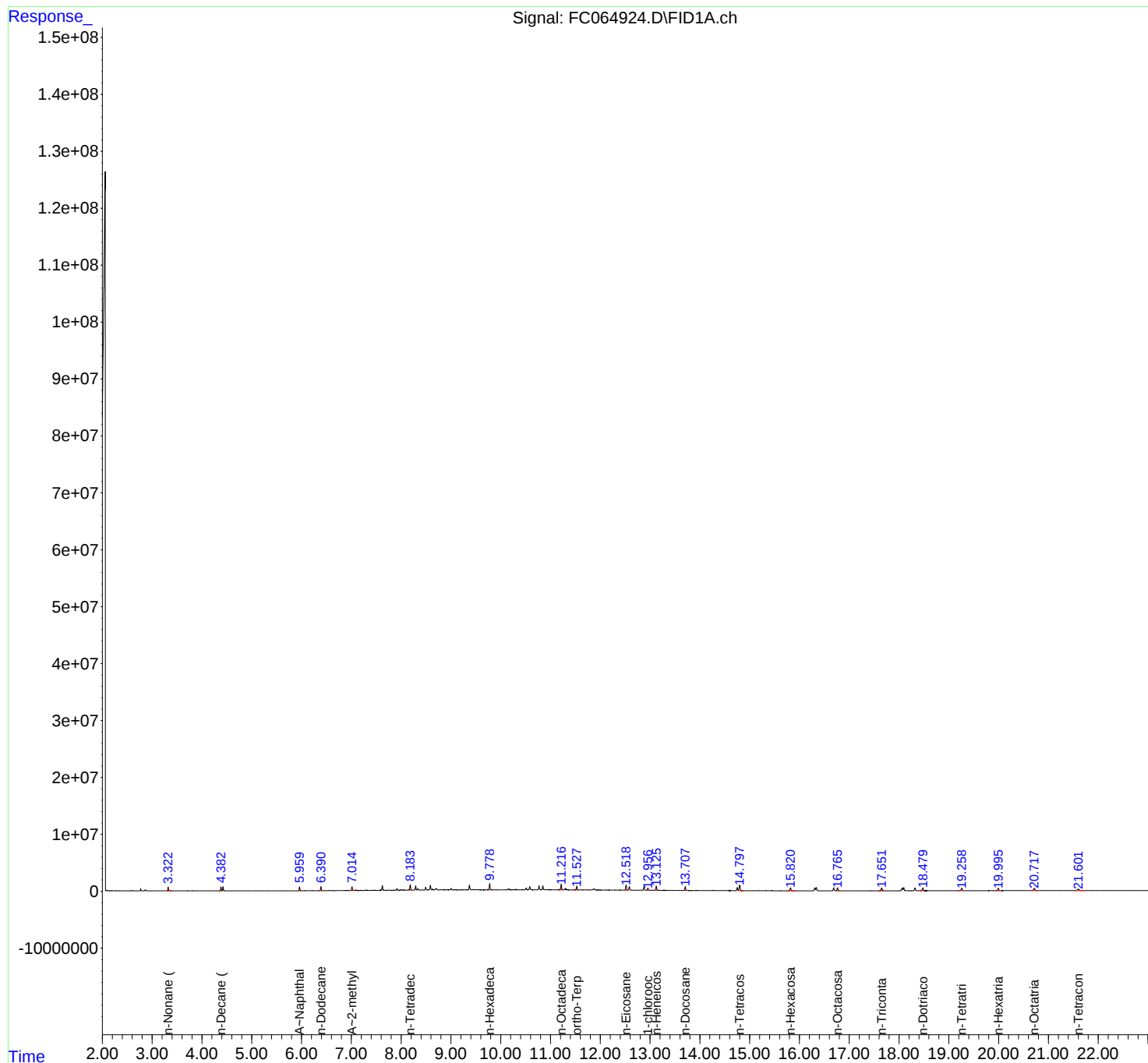
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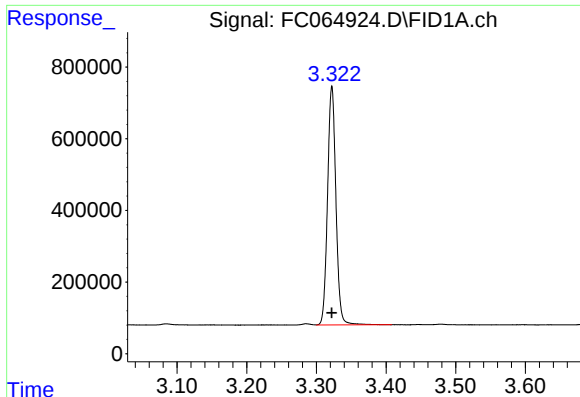
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#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 5558155
Conc: 30.26 ug/ml

Instrument :

FID_C

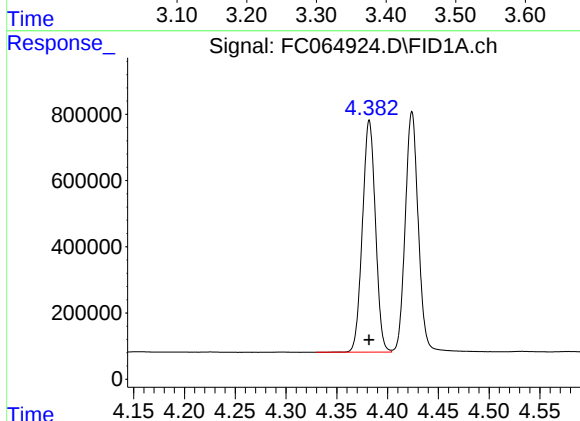
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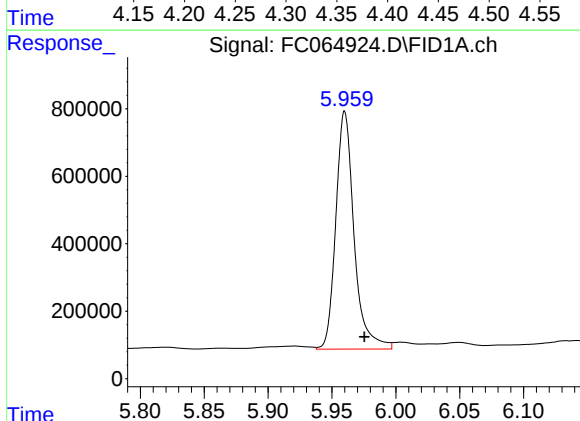
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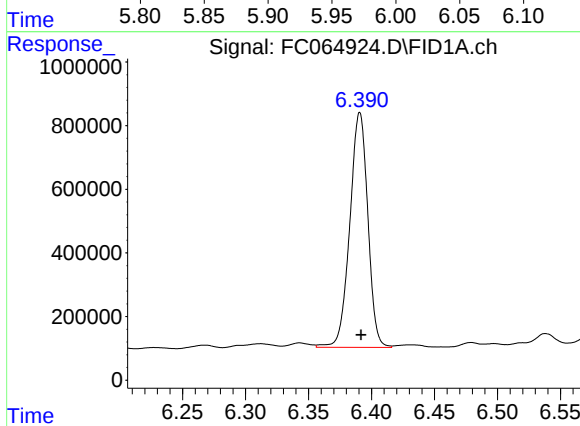
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 6245350
Conc: 34.14 ug/ml



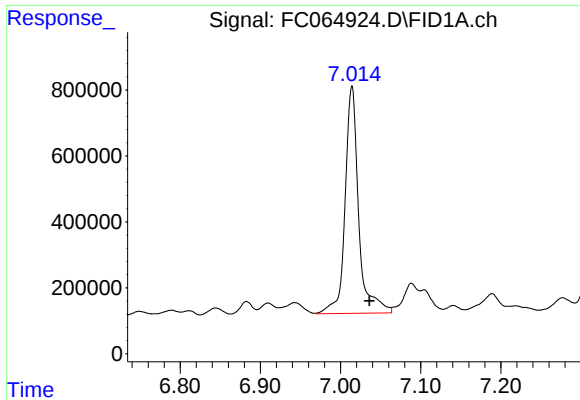
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 7020707
Conc: 37.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.001 min
Response: 7353450
Conc: 39.45 ug/ml m



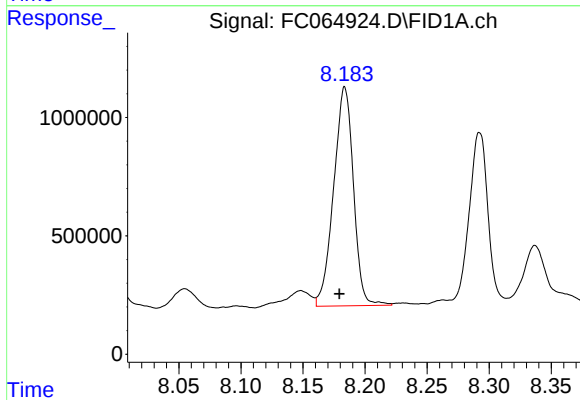
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.022 min
Response: 8119883
Conc: 46.37 ug/ml

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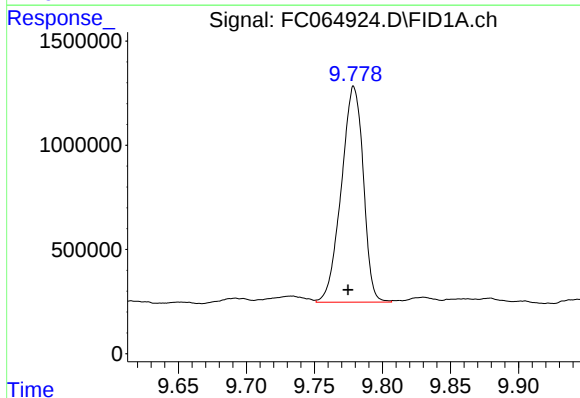
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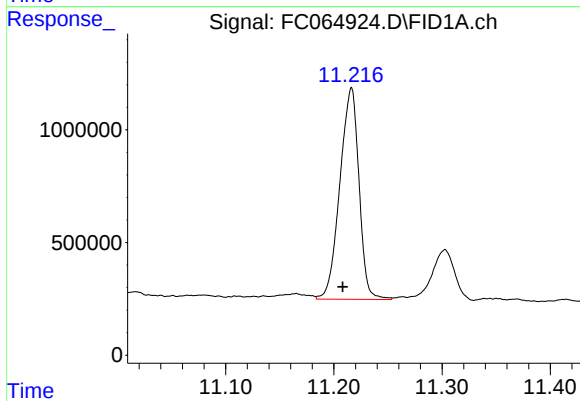
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.004 min
Response: 10264001
Conc: 57.15 ug/ml m



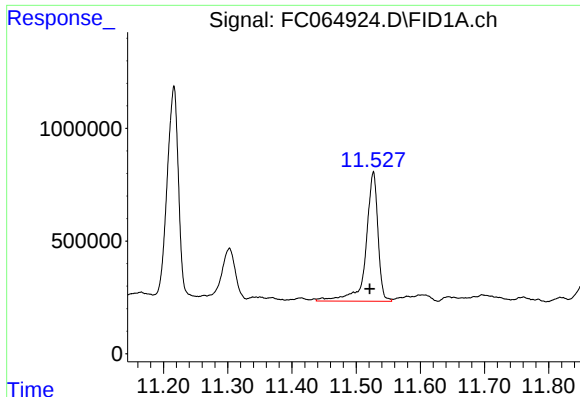
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.003 min
Response: 11629066
Conc: 65.38 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.008 min
Response: 11529943
Conc: 64.25 ug/ml m



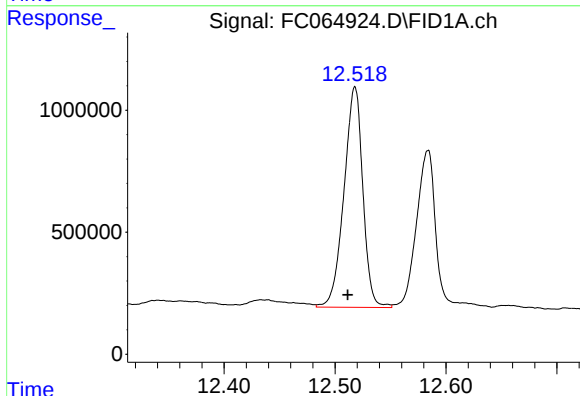
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.005 min
Response: 7481609
Conc: 35.04 ug/ml

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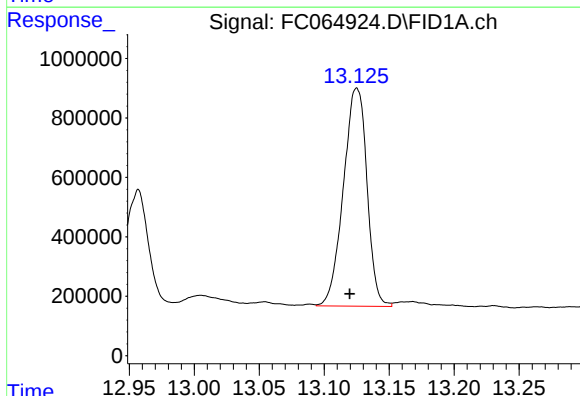
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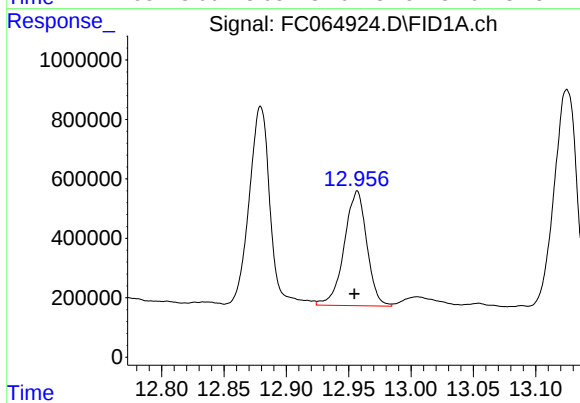
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.006 min
Response: 10683611
Conc: 62.04 ug/ml m



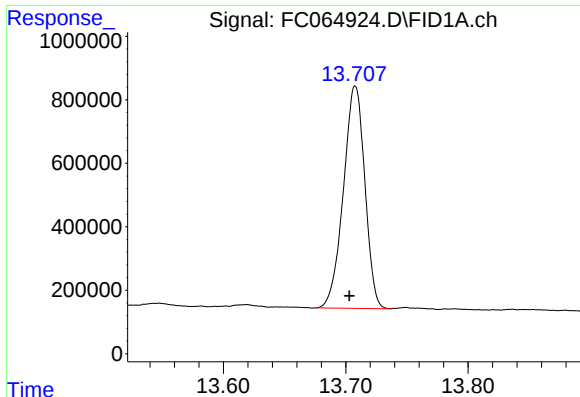
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: 0.005 min
Response: 9264145
Conc: 54.70 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: 0.002 min
Response: 4866526
Conc: 32.46 ug/ml m



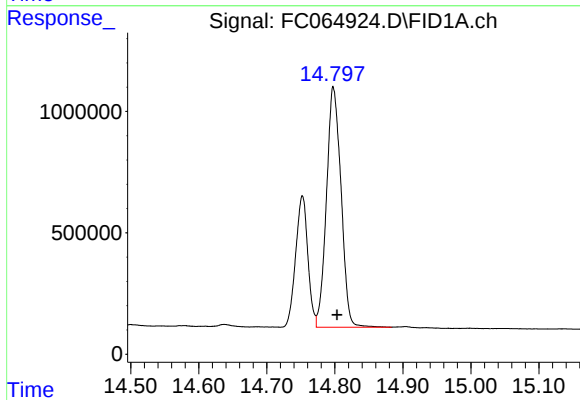
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: 0.004 min
Response: 8532325
Conc: 51.78 ug/ml

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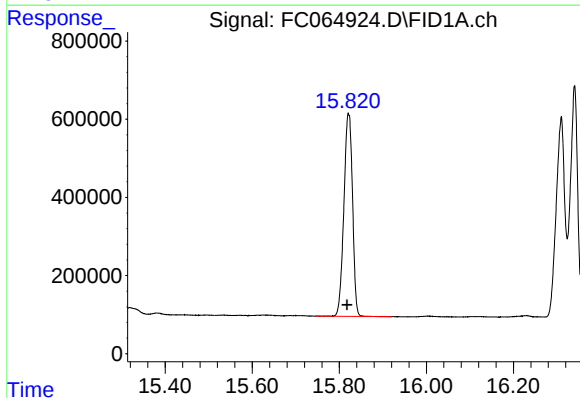
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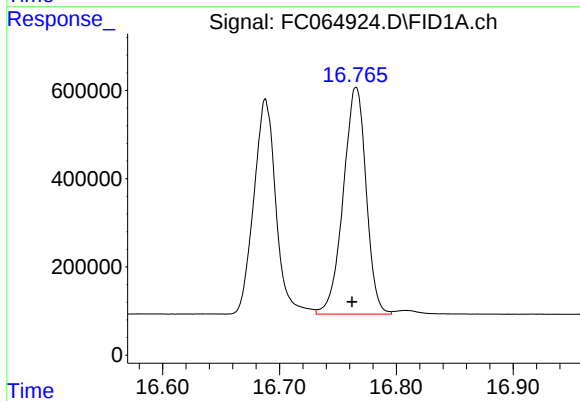
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 14710049
Conc: 92.42 ug/ml



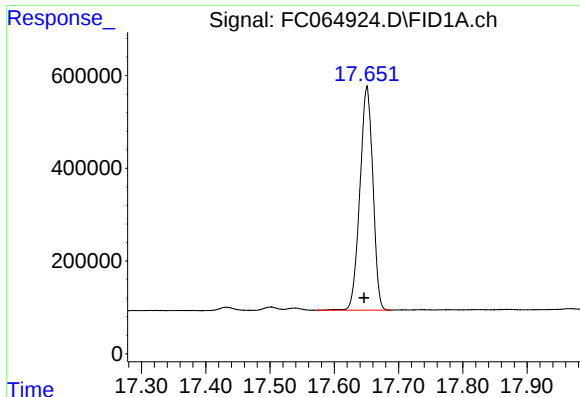
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.003 min
Response: 7149687
Conc: 46.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: 0.004 min
Response: 6994430
Conc: 47.46 ug/ml



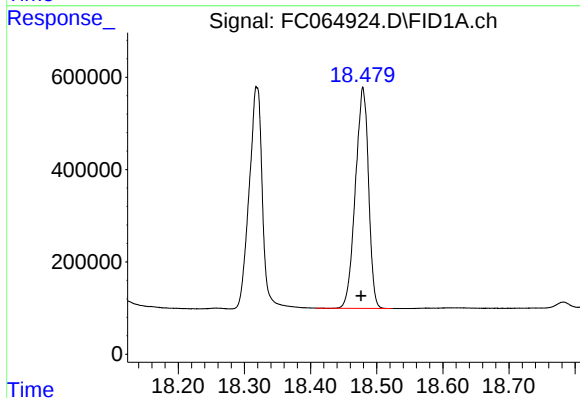
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.005 min
Response: 6783781
Conc: 46.37 ug/ml

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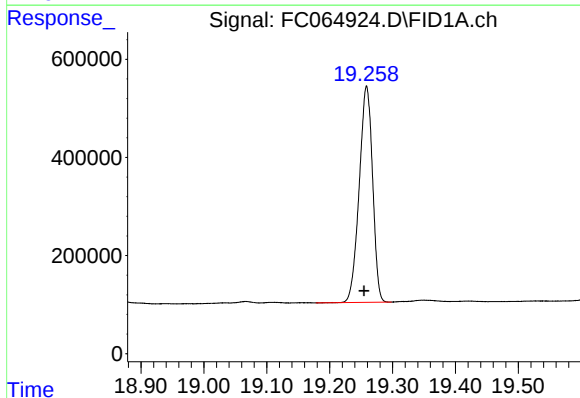
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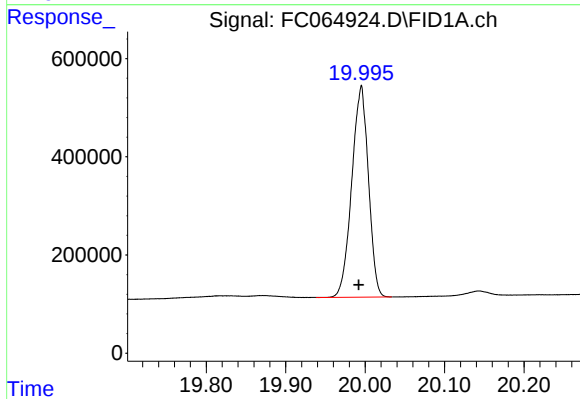
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.003 min
Response: 6601920
Conc: 45.72 ug/ml



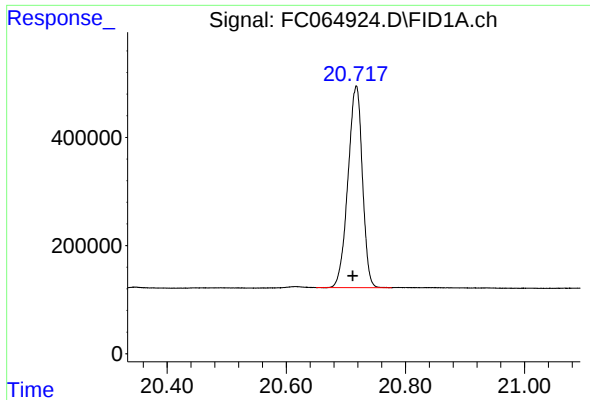
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.004 min
Response: 6499528
Conc: 46.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.003 min
Response: 6265978
Conc: 45.29 ug/ml



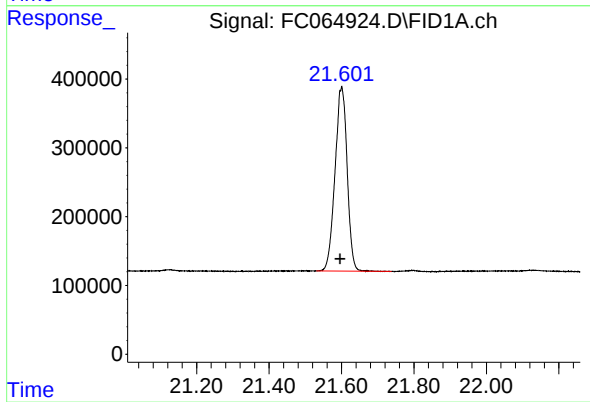
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.006 min
Response: 6259980
Conc: 47.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.005 min
Response: 6227868
Conc: 49.76 ug/ml