

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092123AL\
 Data File : FC064632.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2023 14:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 22 00:37:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.512	4033614	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.945	2957521	20.305 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.312	3352663	18.972 ug/ml
2) T n-Decane (C10)	4.371	3411861	18.992 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3589516	19.107 ug/ml
4) T n-Dodecane (C12)	6.380	3465448	19.079 ug/ml
5) T A~2-methylnaphthalene...	7.003	3463394	19.421 ug/ml
6) T n-Tetradecane (C14)	8.169	3394105	19.128 ug/ml
7) T n-Hexadecane (C16)	9.763	3402162	18.927 ug/ml
8) T n-Octadecane (C18)	11.199	3432021	18.956 ug/ml
10) T n-Eicosane (C20)	12.503	3307347	19.416 ug/ml
11) T n-Heneicosane (C21)	13.110	3257120	19.665 ug/ml
13) T n-Docosane (C22)	13.695	3204068	19.668 ug/ml
14) T n-Tetracosane (C24)	14.794	3116985	19.633 ug/ml
15) T n-Hexacosane (C26)	15.810	3005408	19.689 ug/ml
16) T n-Octacosane (C28)	16.755	2908656	19.653 ug/ml
17) T n-Tricontane (C30)	17.639	2931682	19.734 ug/ml
18) T n-Dotriacontane (C32)	18.466	2884866	19.768 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2746557	19.319 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2636725	19.144 ug/ml
21) T n-Octatriacontane (C38)	20.702	2560287	18.681 ug/ml
22) T n-Tetracontane (C40)	21.580	2501628	18.391 ug/ml

(f)=RT Delta > 1/2 Window

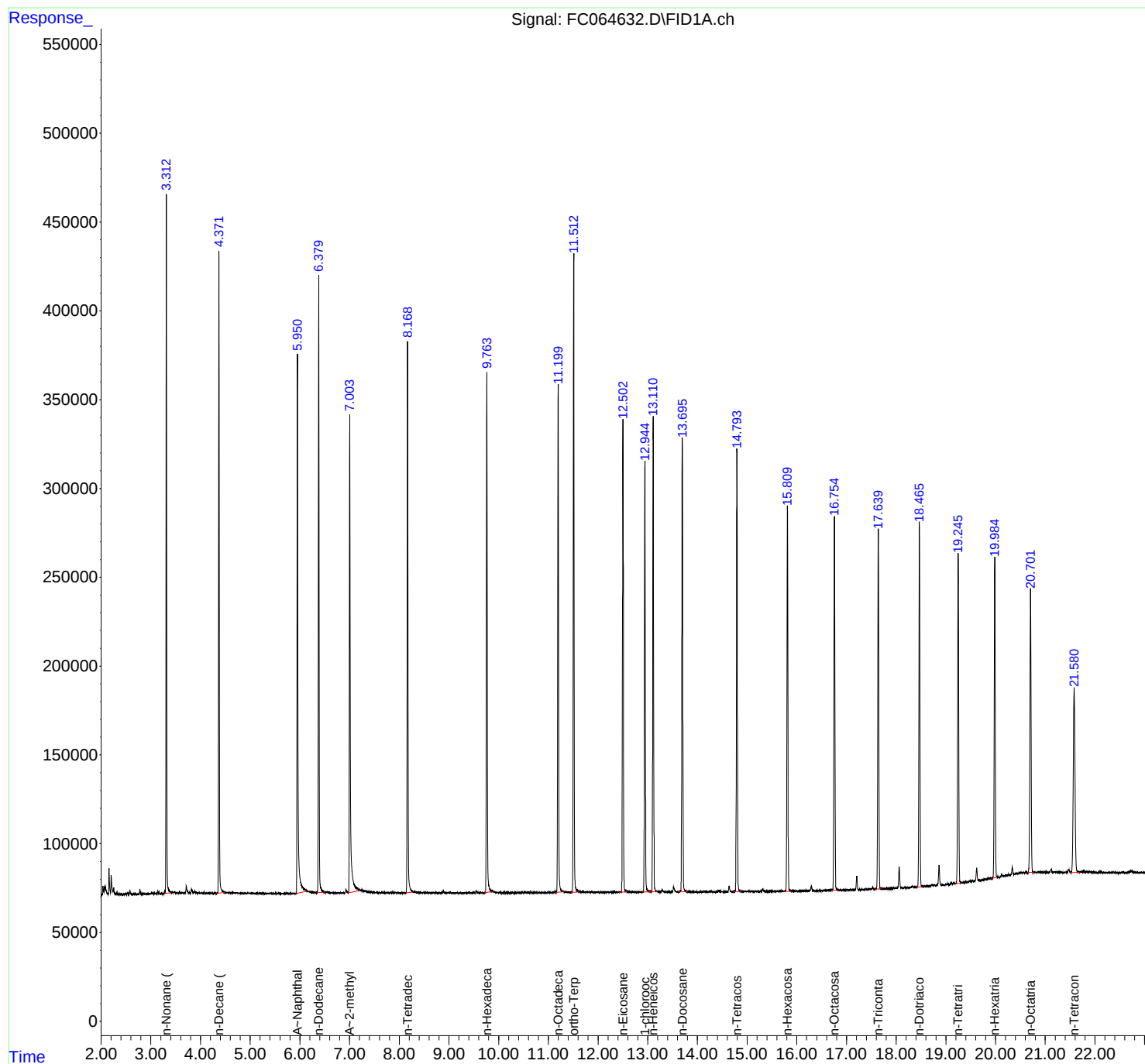
(m)=manual int.

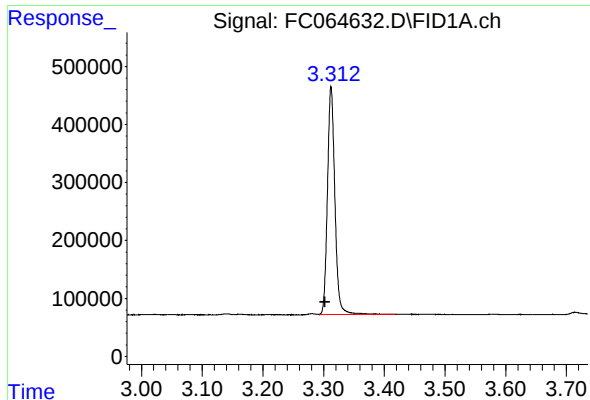
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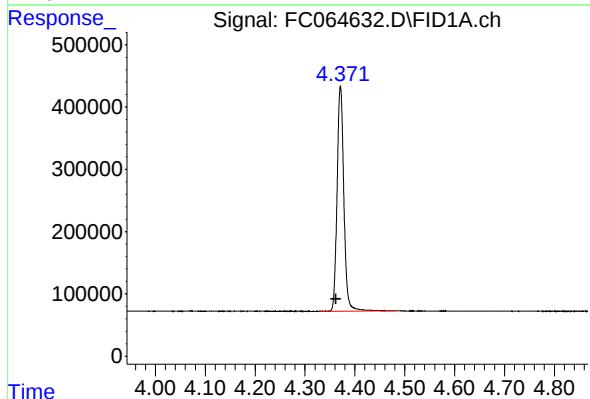




#1 n-Nonane (C9)

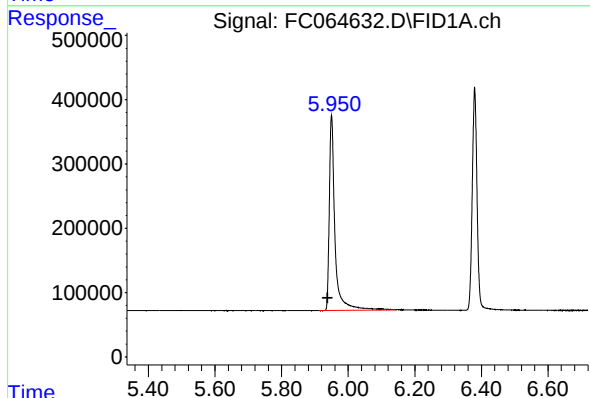
R.T.: 3.312 min
Delta R.T.: 0.010 min
Response: 3352663
Conc: 18.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



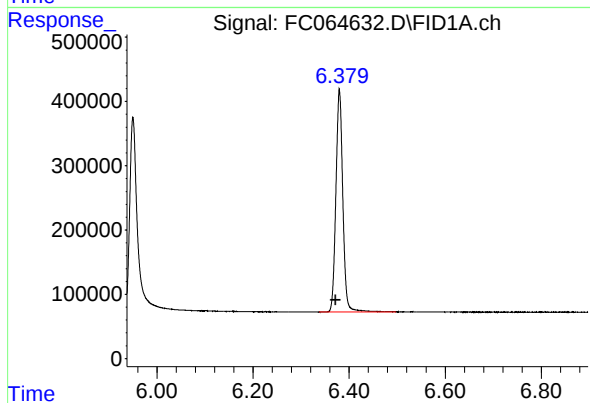
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.009 min
Response: 3411861
Conc: 18.99 ug/ml



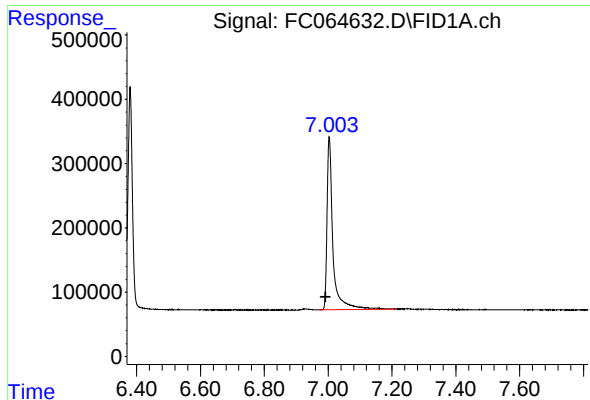
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.011 min
Response: 3589516
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

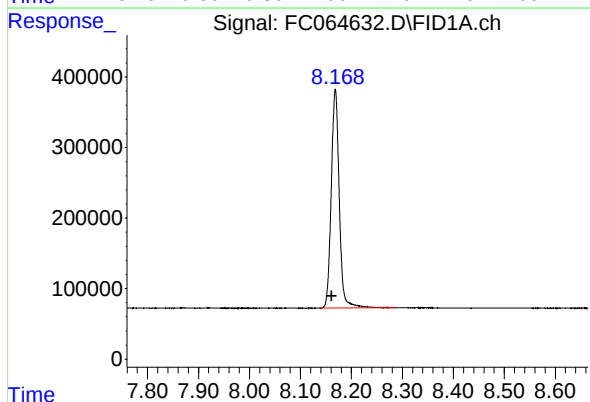
R.T.: 6.380 min
Delta R.T.: 0.007 min
Response: 3465448
Conc: 19.08 ug/ml



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

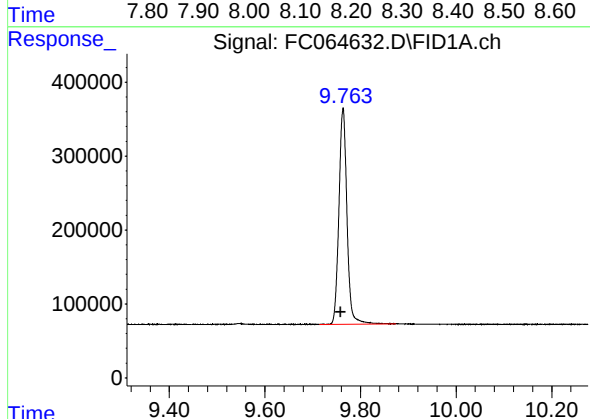
R.T.: 7.003 min
Delta R.T.: 0.011 min
Response: 3463394
Conc: 19.42 ug/ml

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20 PPM ALIPHATIC HC STD



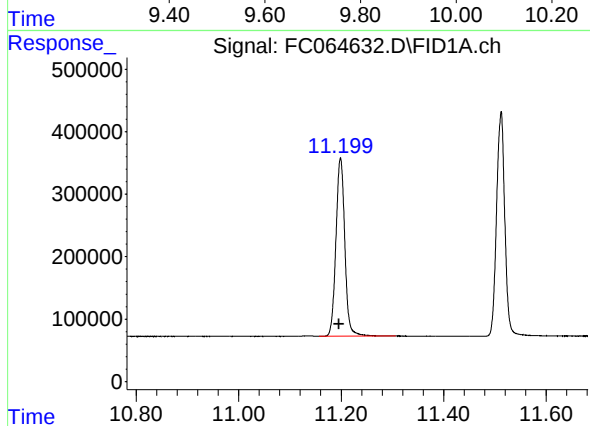
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.007 min
Response: 3394105
Conc: 19.13 ug/ml



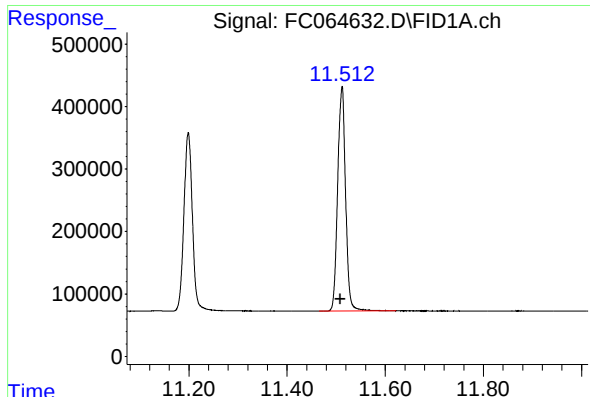
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.005 min
Response: 3402162
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

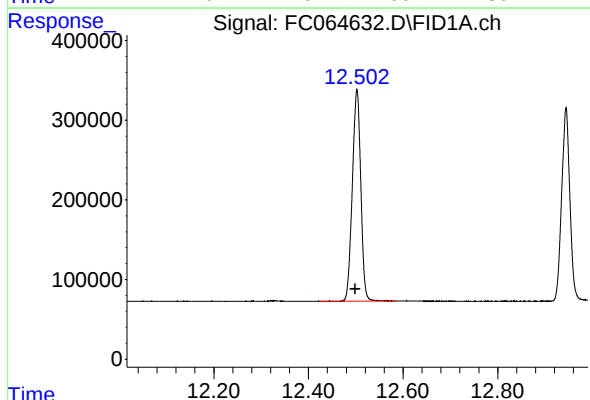
R.T.: 11.199 min
Delta R.T.: 0.003 min
Response: 3432021
Conc: 18.96 ug/ml



#9 ortho-Terphenyl (SURR)

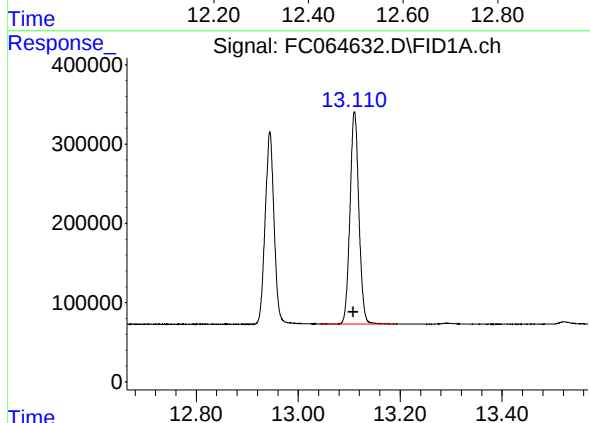
R.T.: 11.512 min
Delta R.T.: 0.004 min
Response: 4033614
Conc: 19.93 ug/ml

Instrument :
FID_C
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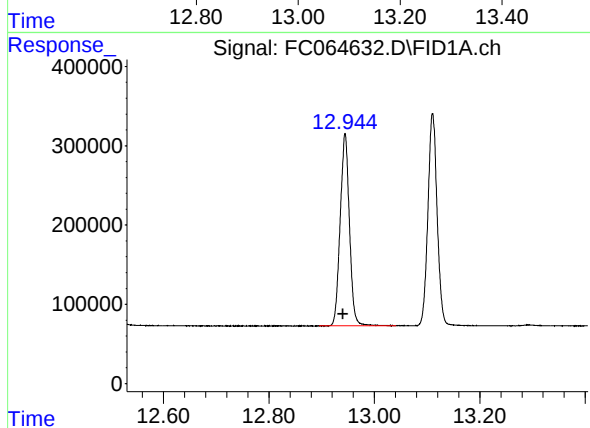
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.003 min
Response: 3307347
Conc: 19.42 ug/ml



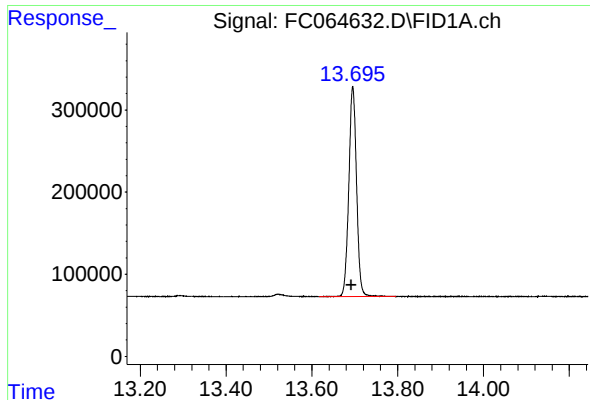
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.002 min
Response: 3257120
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

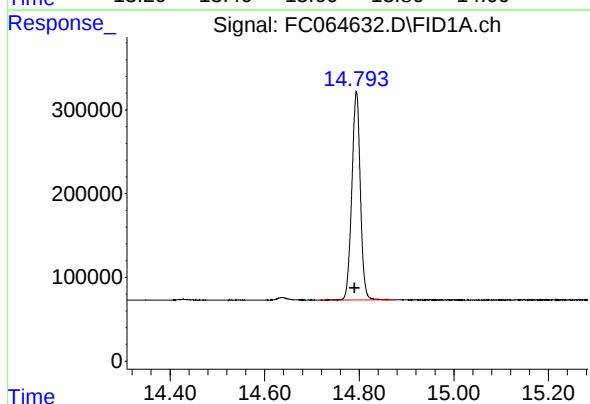
R.T.: 12.945 min
Delta R.T.: 0.004 min
Response: 2957521
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

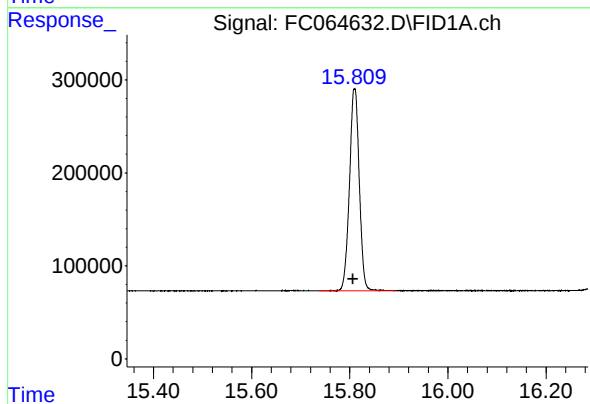
R.T.: 13.695 min
Delta R.T.: 0.003 min
Response: 3204068
Conc: 19.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



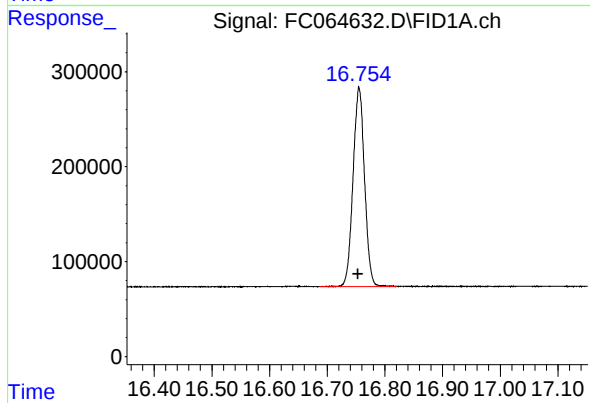
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: 0.004 min
Response: 3116985
Conc: 19.63 ug/ml



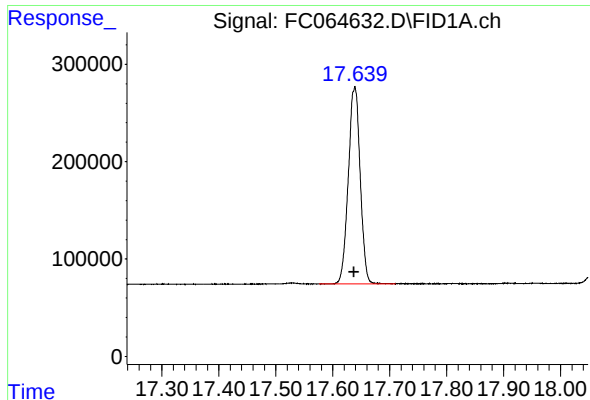
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.003 min
Response: 3005408
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

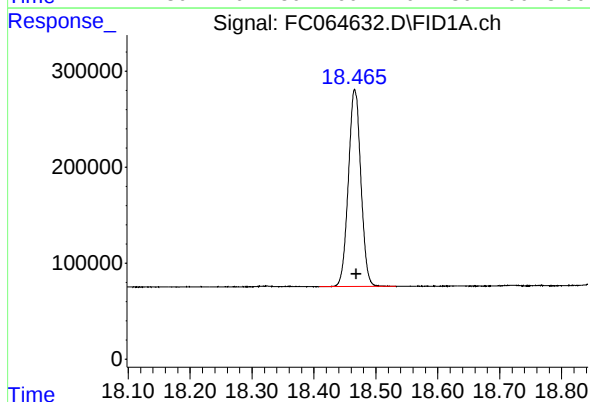
R.T.: 16.755 min
Delta R.T.: 0.002 min
Response: 2908656
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

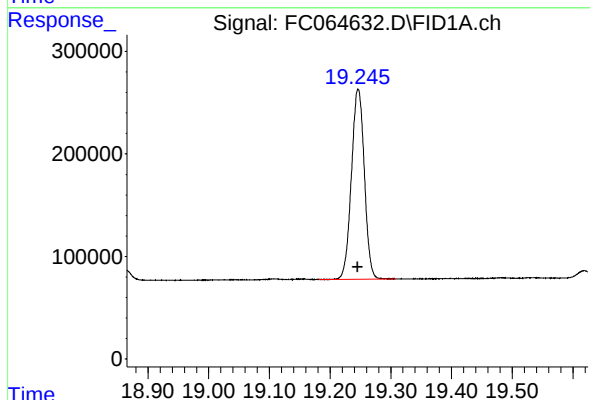
R.T.: 17.639 min
Delta R.T.: 0.002 min
Response: 2931682
Conc: 19.73 ug/ml

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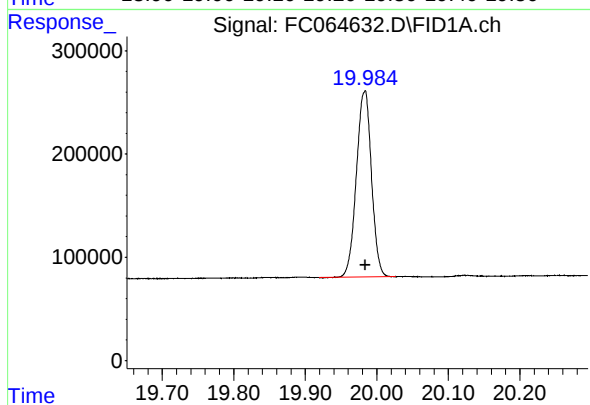
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.002 min
Response: 2884866
Conc: 19.77 ug/ml



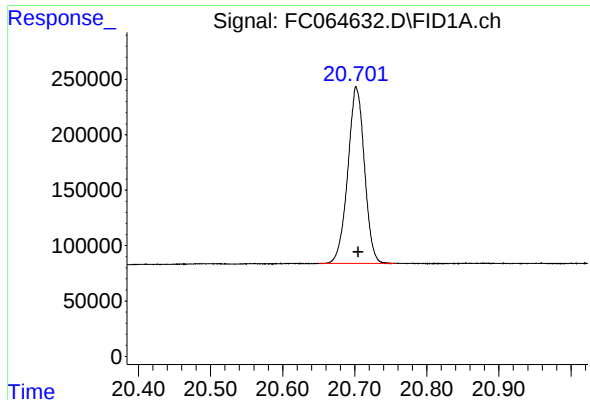
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 2746557
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

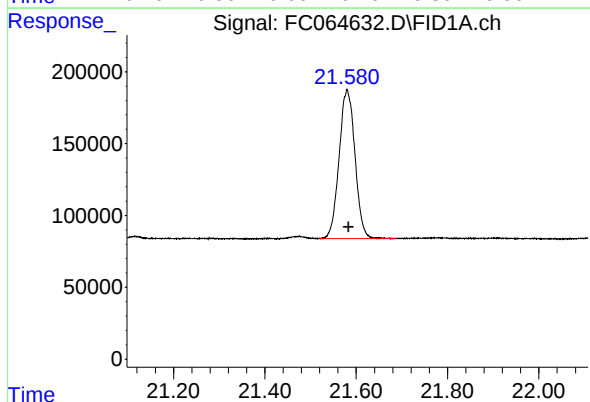
R.T.: 19.983 min
Delta R.T.: 0.000 min
Response: 2636725
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.003 min
Response: 2560287
Conc: 18.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 2501628
Conc: 18.39 ug/ml