

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068321.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 10:23
 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: Mar 05 05:22:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.396	3120216	20.335 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	12.838	2266768	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.204	2921206	20.765 ug/ml
2) T n-Decane (C10)	4.261	2957953	20.879 ug/ml
3) T A~Naphthalene (C11.7)	5.828	3188598	20.836 ug/ml
4) T n-Dodecane (C12)	6.269	2916409	20.719 ug/ml
5) T A~2-methylnaphthalene...	6.880	2996735	20.692 ug/ml
6) T n-Tetradecane (C14)	8.058	2804182	20.567 ug/ml
7) T n-Hexadecane (C16)	9.654	2826196	20.634 ug/ml
8) T n-Octadecane (C18)	11.092	2816962	20.598 ug/ml
10) T n-Eicosane (C20)	12.398	2680291	20.572 ug/ml
11) T n-Heneicosane (C21)	13.007	2626108	20.541 ug/ml
13) T n-Docosane (C22)	13.593	2593669	20.580 ug/ml
14) T n-Tetracosane (C24)	14.694	2570552	20.667 ug/ml
15) T n-Hexacosane (C26)	15.712	2540397	20.893 ug/ml
16) T n-Octacosane (C28)	16.661	2517151	21.194 ug/ml
17) T n-Tricontane (C30)	17.547	2631751	21.865 ug/ml
18) T n-Dotriacontane (C32)	18.379	2592060	22.332 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2321702	21.486 ug/ml
20) T n-Hexatriacontane (C36)	19.900	2007468	20.874 ug/ml
21) T n-Octatriacontane (C38)	20.612	1863761	20.732 ug/ml
22) T n-Tetracontane (C40)	21.465	1728277	19.975 ug/ml

(f)=RT Delta > 1/2 Window

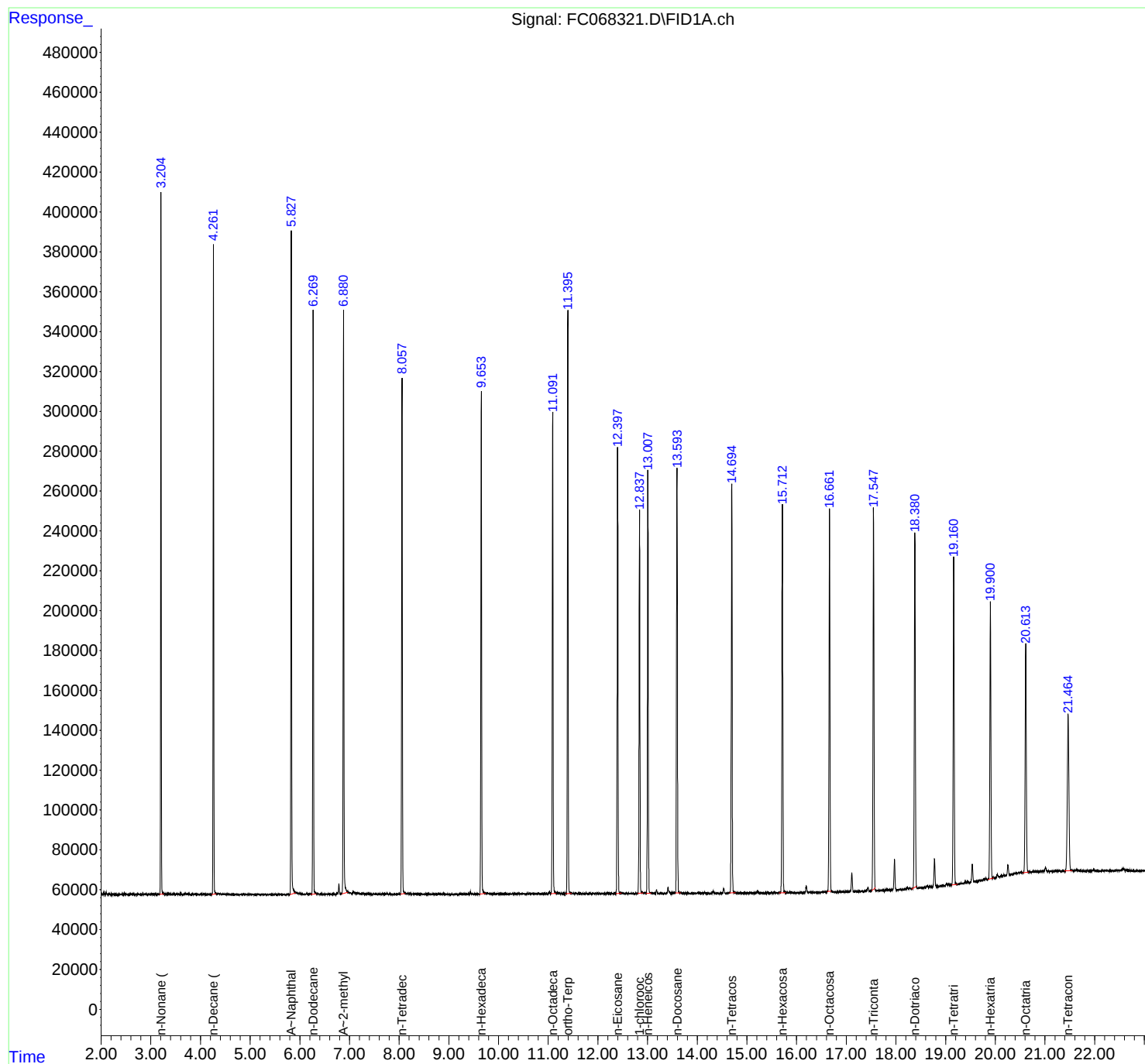
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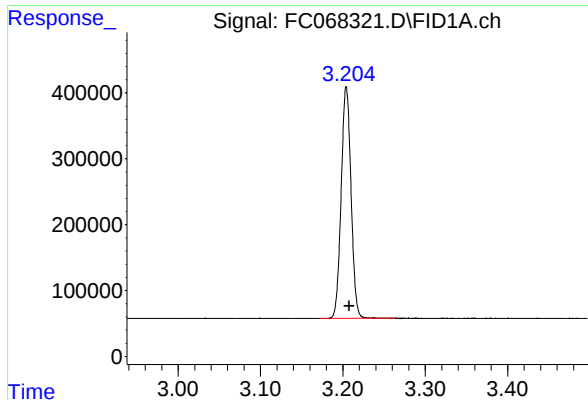
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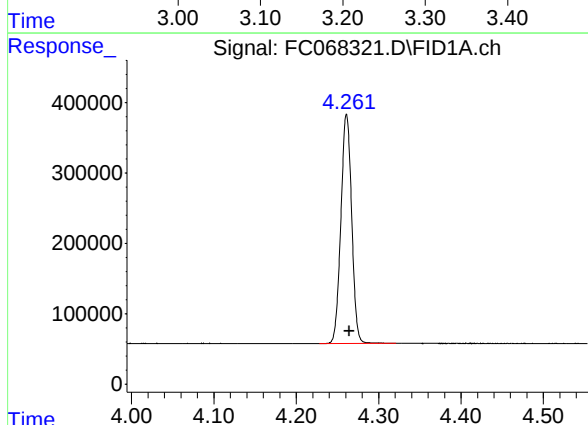




#1 n-Nonane (C9)

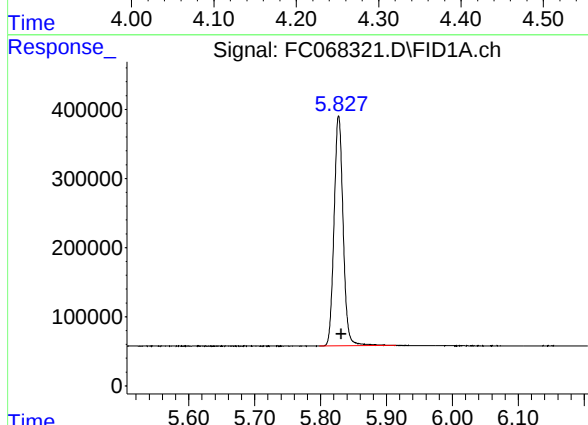
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2921206
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



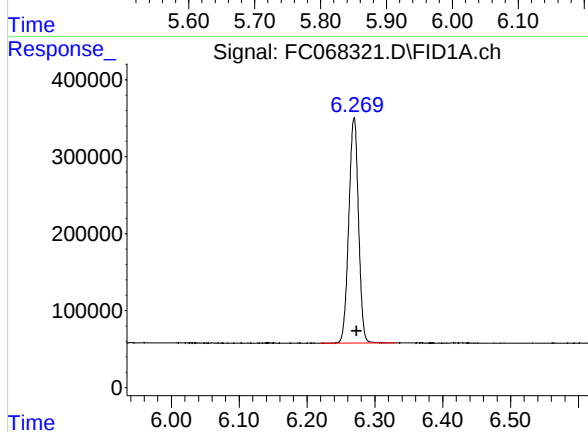
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 2957953
Conc: 20.88 ug/ml



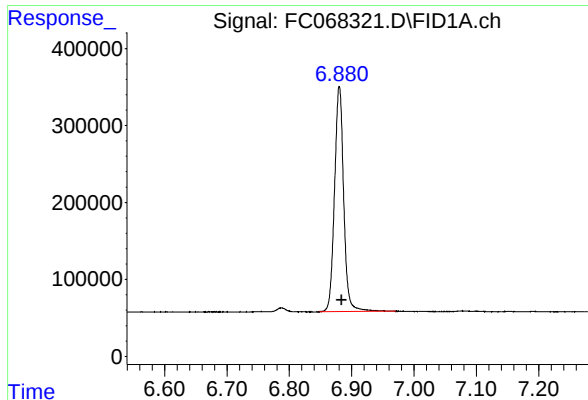
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 3188598
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

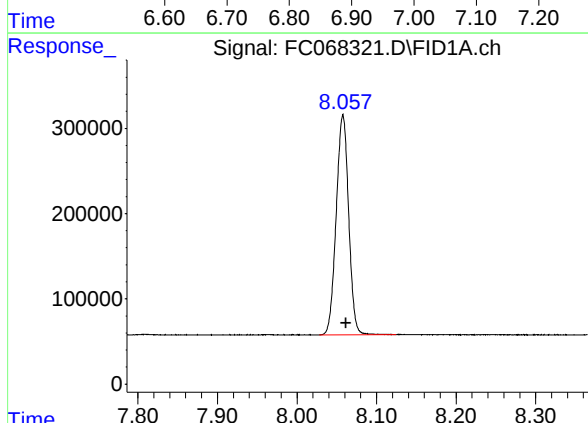
R.T.: 6.269 min
Delta R.T.: -0.004 min
Response: 2916409
Conc: 20.72 ug/ml



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

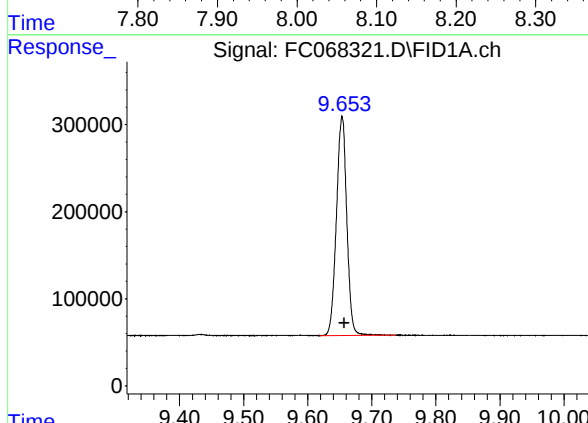
R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 2996735
Conc: 20.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



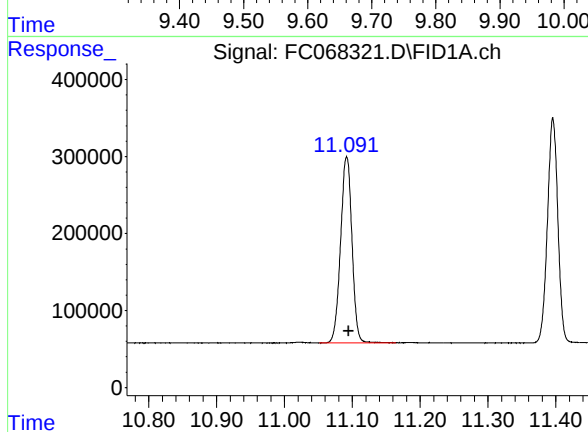
#6 n-Tetradecane (C14)

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 2804182
Conc: 20.57 ug/ml



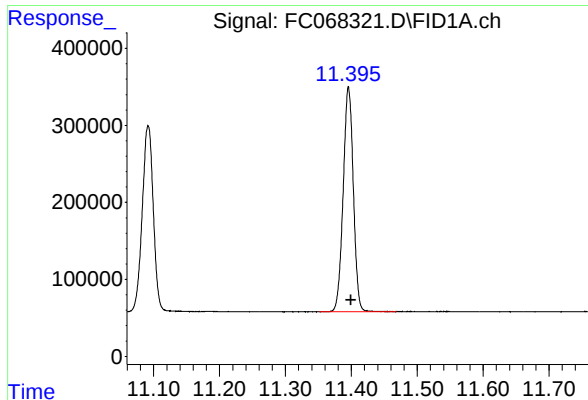
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.004 min
Response: 2826196
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

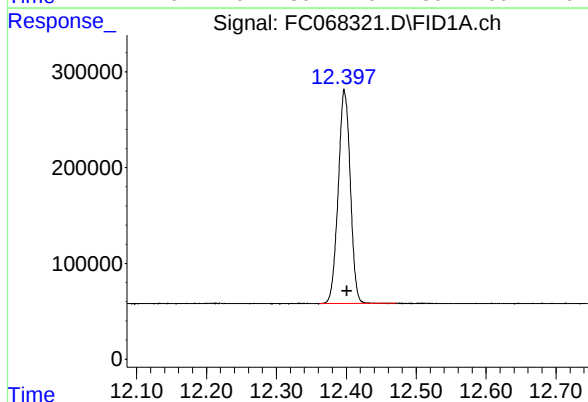
R.T.: 11.092 min
Delta R.T.: -0.003 min
Response: 2816962
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

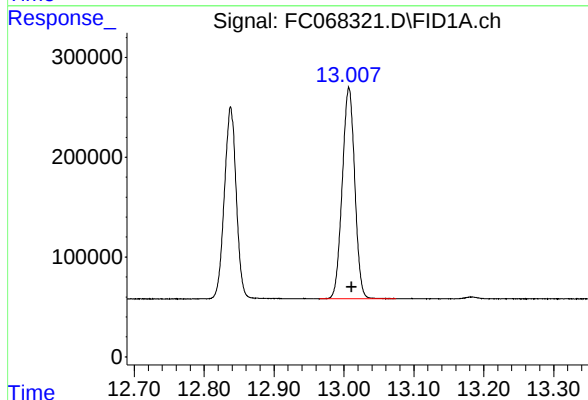
R.T.: 11.396 min
Delta R.T.: -0.004 min
Response: 3120216
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



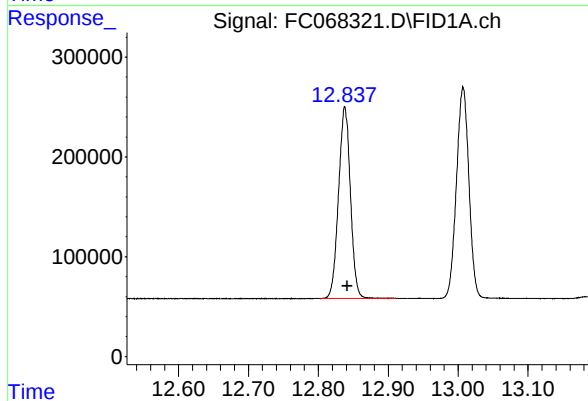
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: -0.003 min
Response: 2680291
Conc: 20.57 ug/ml



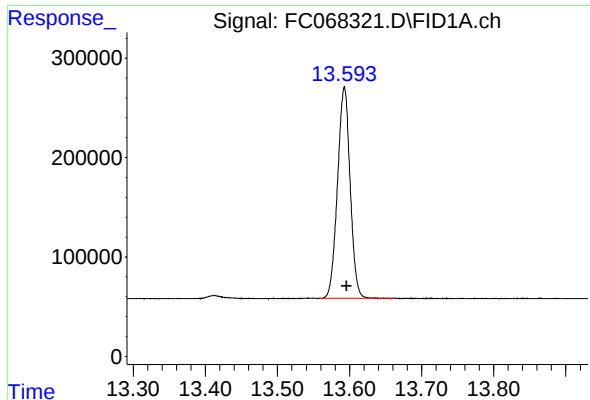
#11 n-Heneicosane (C21)

R.T.: 13.007 min
Delta R.T.: -0.004 min
Response: 2626108
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

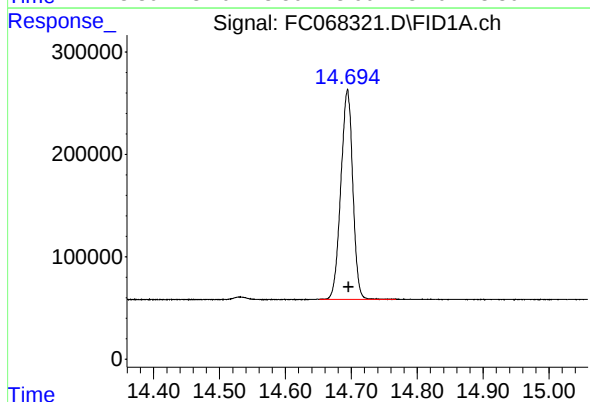
R.T.: 12.838 min
Delta R.T.: -0.004 min
Response: 2266768
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

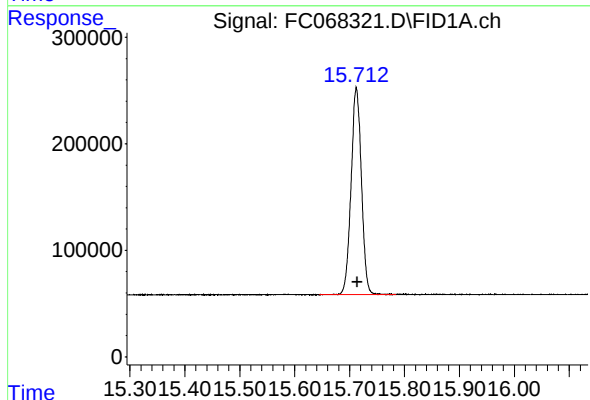
R.T.: 13.593 min
Delta R.T.: -0.003 min
Response: 2593669
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



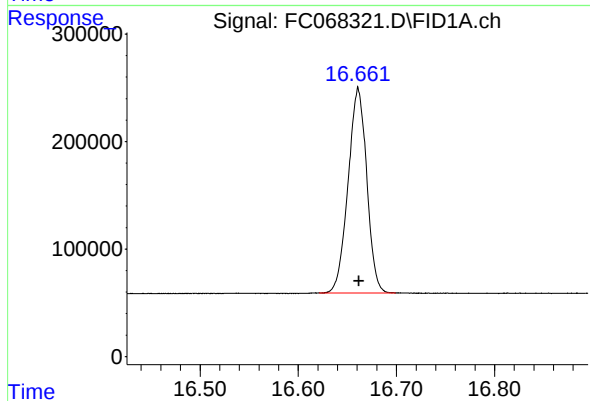
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 2570552
Conc: 20.67 ug/ml



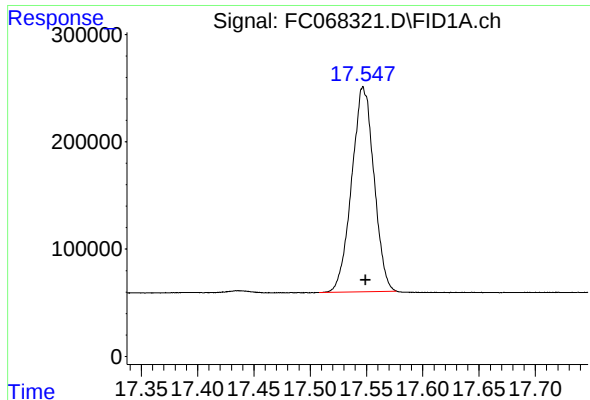
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: -0.002 min
Response: 2540397
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

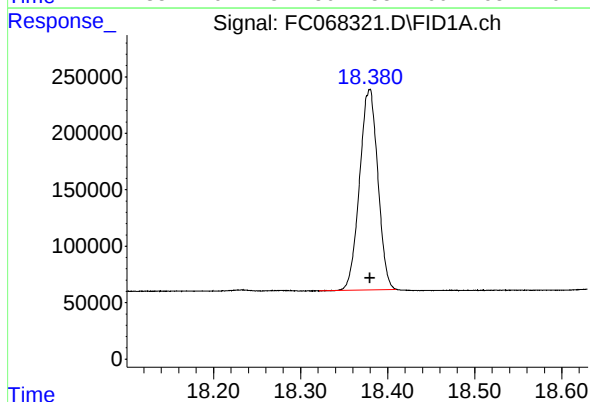
R.T.: 16.661 min
Delta R.T.: -0.001 min
Response: 2517151
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

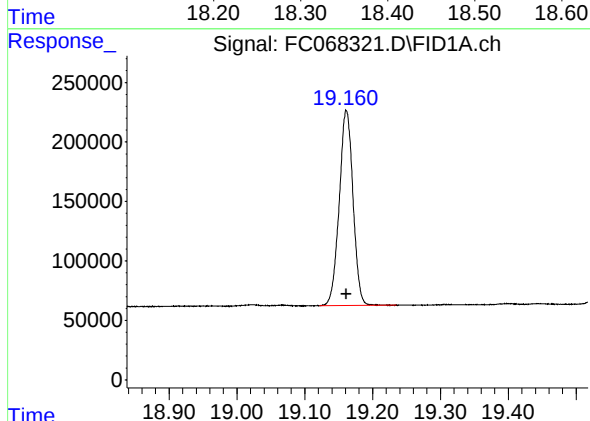
R.T.: 17.547 min
Delta R.T.: -0.002 min
Response: 2631751
Conc: 21.86 ug/ml

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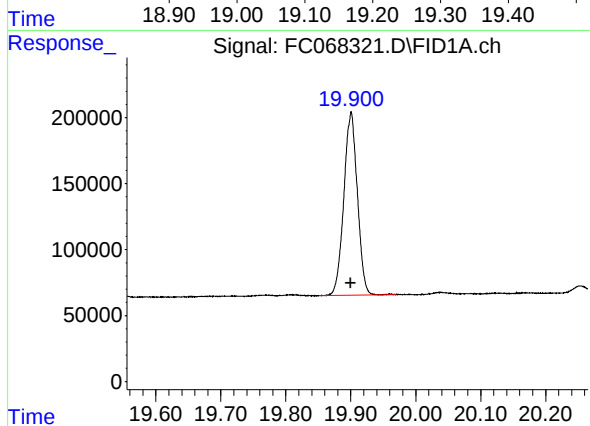
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 2592060
Conc: 22.33 ug/ml



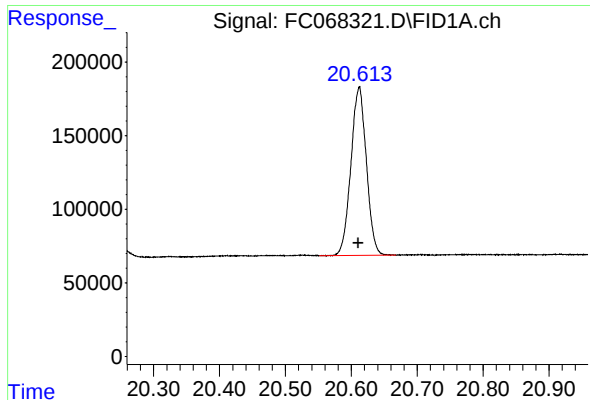
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2321702
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

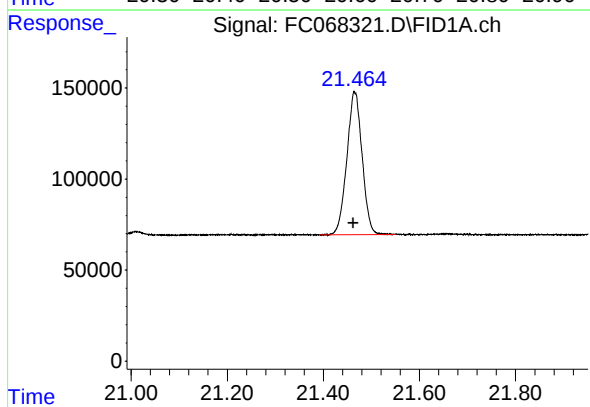
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 2007468
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: 0.000 min
Response: 1863761
Conc: 20.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.465 min
Delta R.T.: 0.003 min
Response: 1728277
Conc: 19.98 ug/ml