

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032323AL\
 Data File : FC063219.D
 Signal(s) : FID1A.ch
 Acq On : 23 Mar 2023 13:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 24 01:54:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.530	2843609	21.720 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	12.968	2161028	22.397 ug/ml
Spiked Amount 50.000		Recovery =	44.79%
Target Compounds			
1) T n-Nonane (C9)	3.292	2611153	21.587 ug/ml
2) T n-Decane (C10)	4.360	2558550	21.744 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2835966	22.024 ug/ml
4) T n-Dodecane (C12)	6.380	2564017	21.821 ug/ml
5) T A~2-methylnaphthalene...	7.002	2636797	22.418 ug/ml
6) T n-Tetradecane (C14)	8.176	2525601	21.937 ug/ml
7) T n-Hexadecane (C16)	9.777	2572839	22.084 ug/ml
8) T n-Octadecane (C18)	11.218	2598211	21.977 ug/ml
10) T n-Eicosane (C20)	12.526	2529409	21.957 ug/ml
11) T n-Heneicosane (C21)	13.136	2535853	22.001 ug/ml
13) T n-Docosane (C22)	13.722	2510376	22.046 ug/ml
14) T n-Tetracosane (C24)	14.823	2525077	22.210 ug/ml
15) T n-Hexacosane (C26)	15.842	2523120	22.420 ug/ml
16) T n-Octacosane (C28)	16.789	2546489	22.627 ug/ml
17) T n-Tricontane (C30)	17.677	2591401	22.784 ug/ml
18) T n-Dotriacontane (C32)	18.506	2645342	22.864 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2612610	22.730 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2492562	22.811 ug/ml
21) T n-Octatriacontane (C38)	20.754	2498613	23.124 ug/ml
22) T n-Tetracontane (C40)	21.653	2497103	23.581 ug/ml

(f)=RT Delta > 1/2 Window

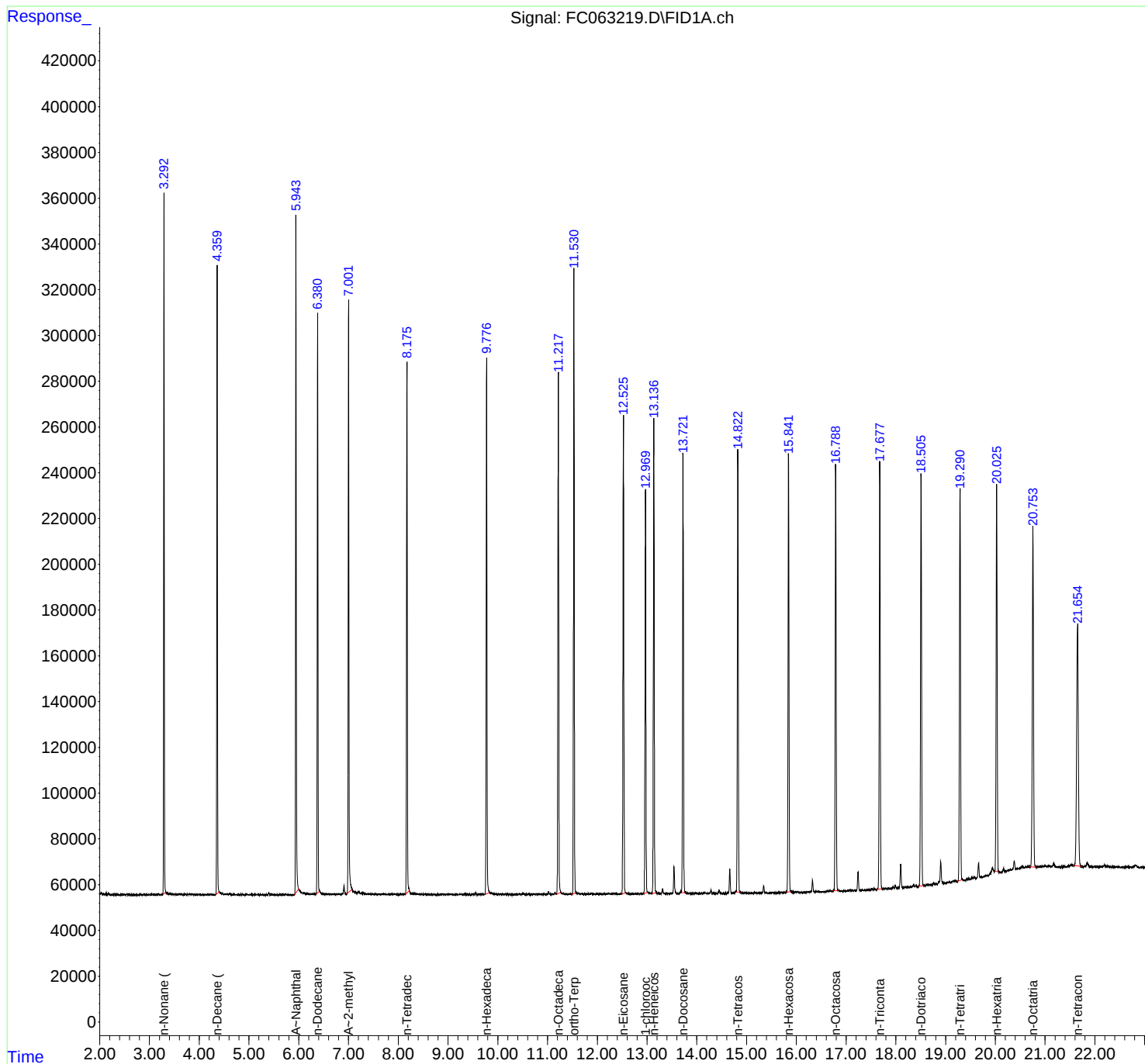
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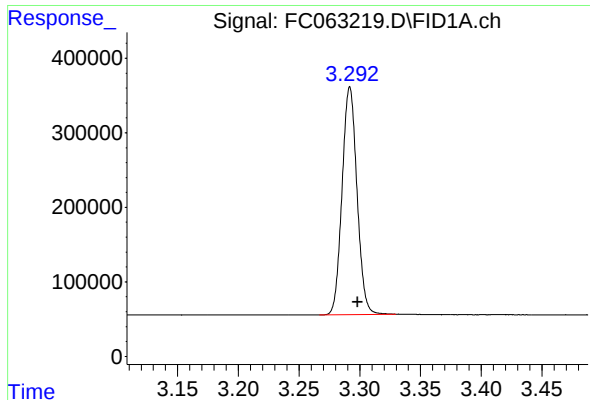
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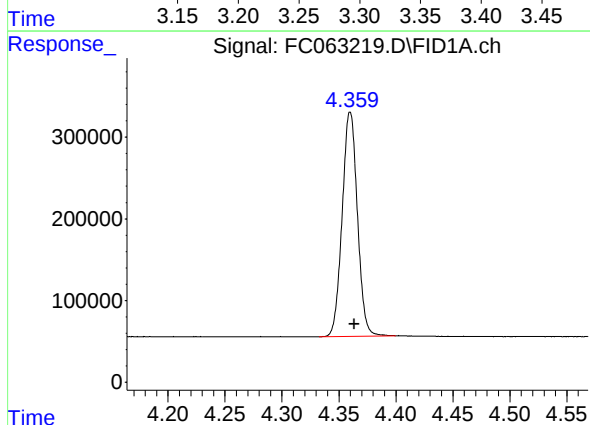




#1 n-Nonane (C9)

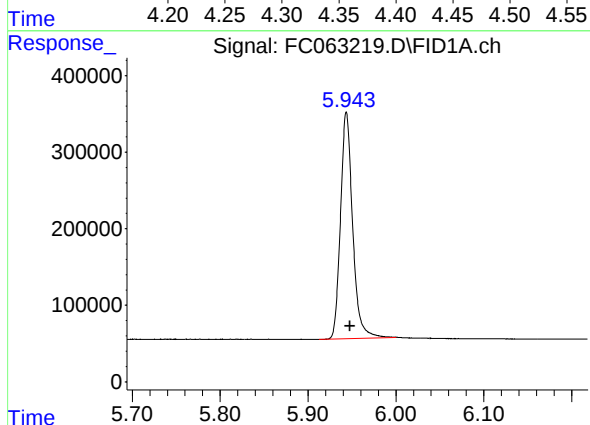
R.T.: 3.292 min
Delta R.T.: -0.006 min
Response: 2611153
Conc: 21.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



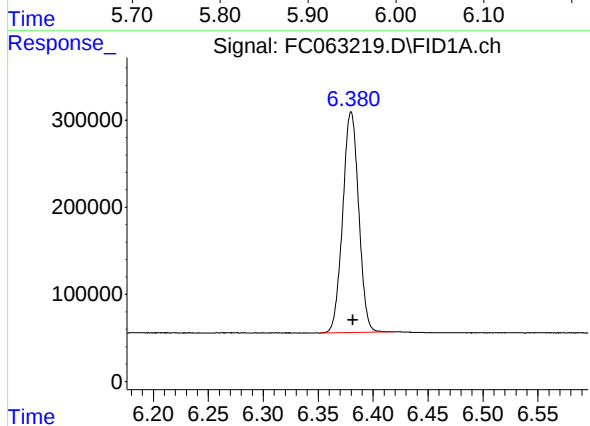
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 2558550
Conc: 21.74 ug/ml



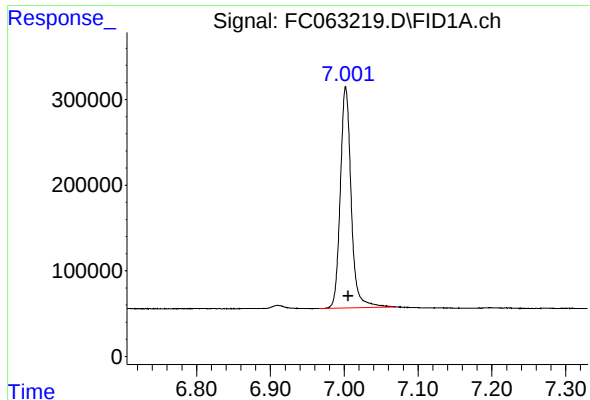
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 2835966
Conc: 22.02 ug/ml



#4 n-Dodecane (C12)

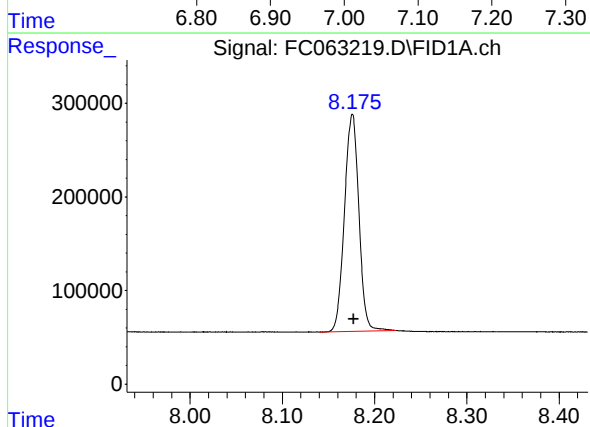
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2564017
Conc: 21.82 ug/ml



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

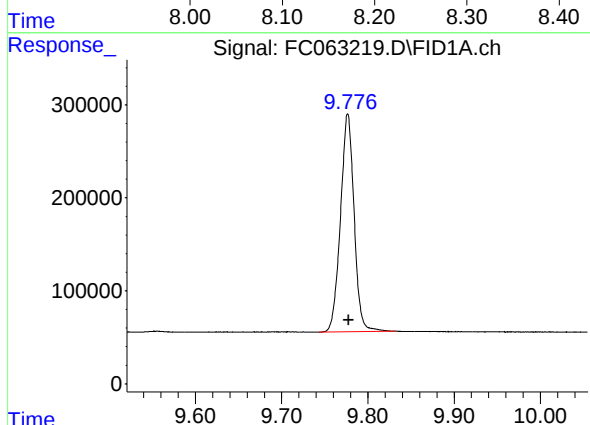
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 2636797
Conc: 22.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



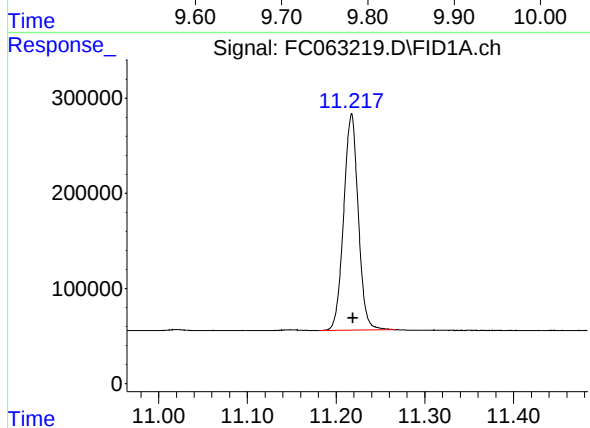
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 2525601
Conc: 21.94 ug/ml



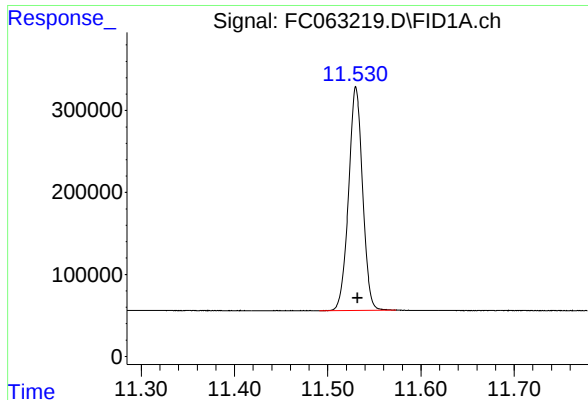
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2572839
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

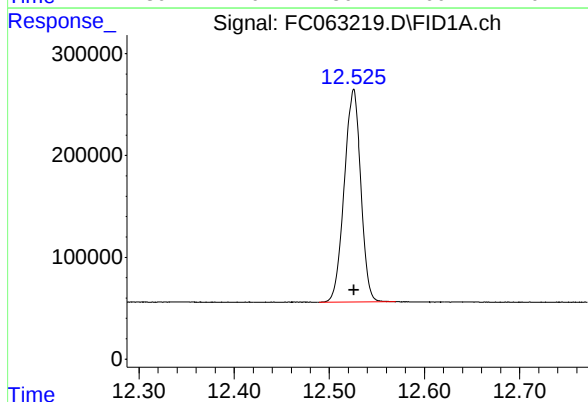
R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 2598211
Conc: 21.98 ug/ml



#9 ortho-Terphenyl (SURR)

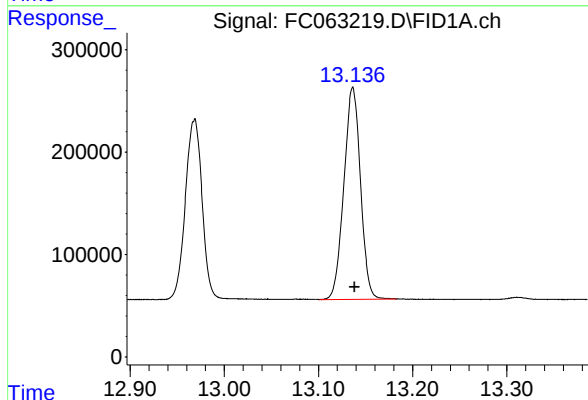
R.T.: 11.530 min
Delta R.T.: -0.002 min
Response: 2843609
Conc: 21.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



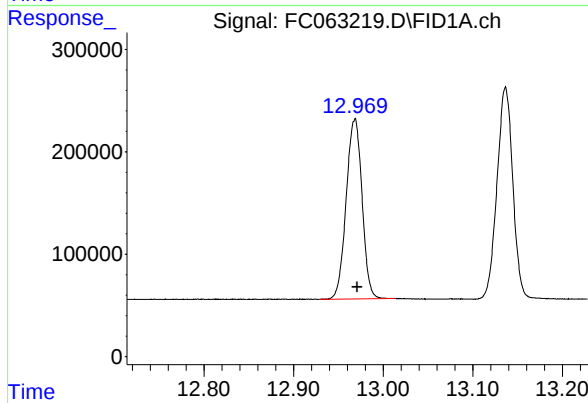
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 2529409
Conc: 21.96 ug/ml



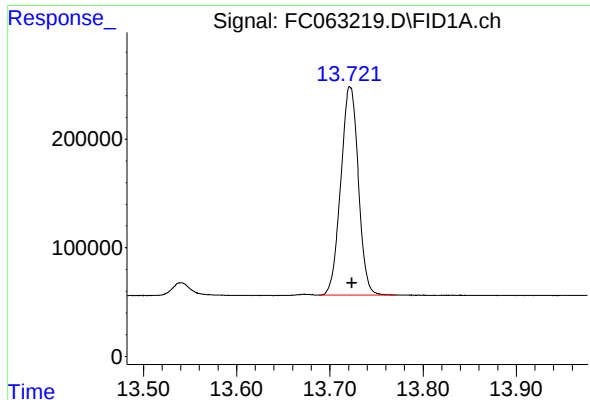
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2535853
Conc: 22.00 ug/ml



#12 1-chlorooctadecane (SURR)

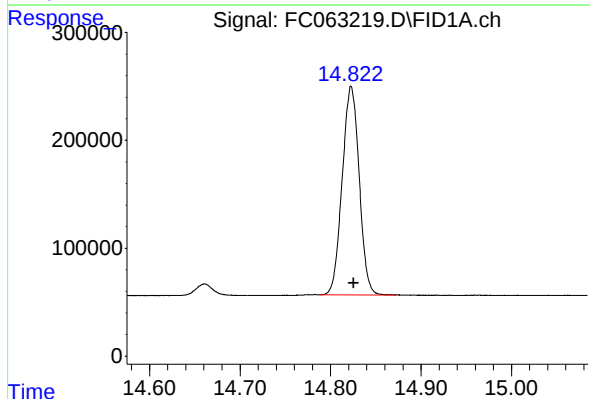
R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 2161028
Conc: 22.40 ug/ml



#13 n-Docosane (C22)

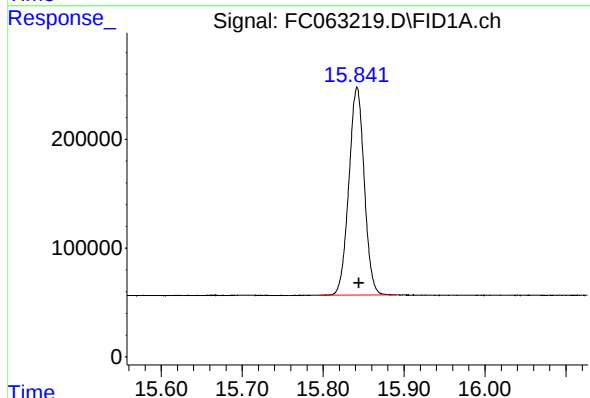
R.T.: 13.722 min
Delta R.T.: -0.002 min
Response: 2510376
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



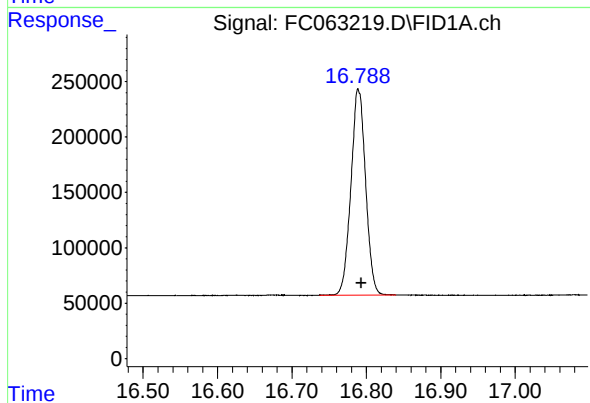
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.003 min
Response: 2525077
Conc: 22.21 ug/ml



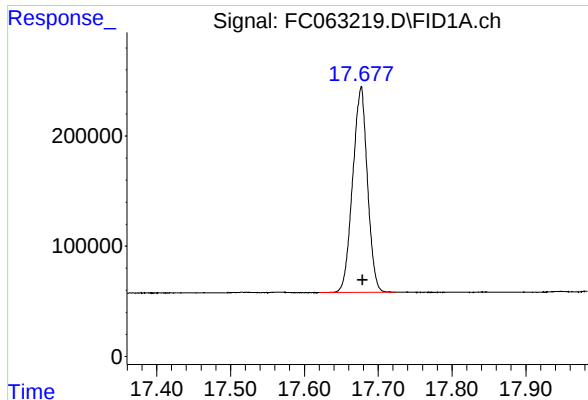
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.002 min
Response: 2523120
Conc: 22.42 ug/ml



#16 n-Octacosane (C28)

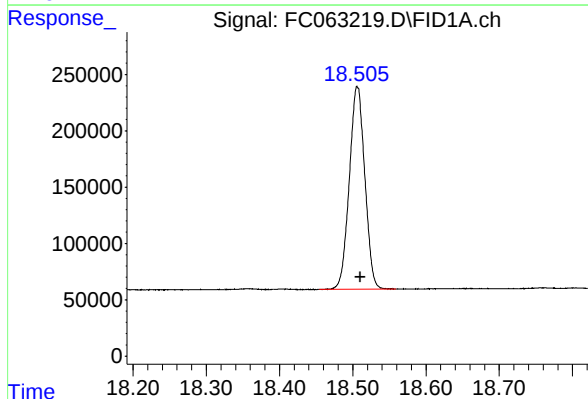
R.T.: 16.789 min
Delta R.T.: -0.004 min
Response: 2546489
Conc: 22.63 ug/ml



#17 n-Tricontane (C30)

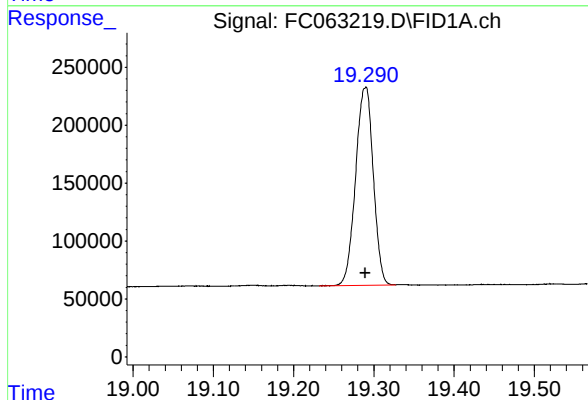
R.T.: 17.677 min
Delta R.T.: -0.002 min
Response: 2591401
Conc: 22.78 ug/ml

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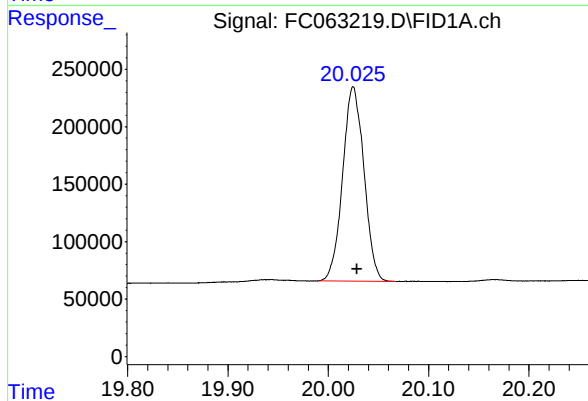
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.004 min
Response: 2645342
Conc: 22.86 ug/ml



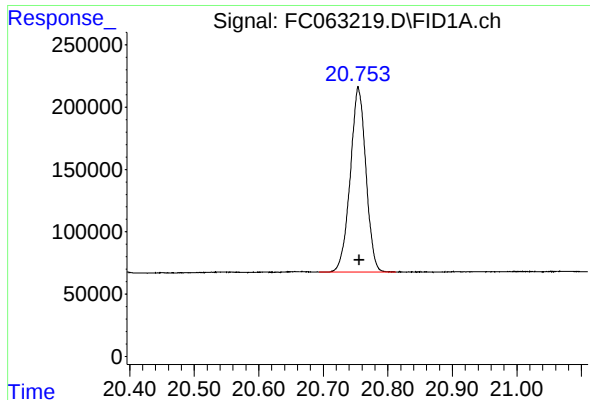
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 2612610
Conc: 22.73 ug/ml



#20 n-Hexatriacontane (C36)

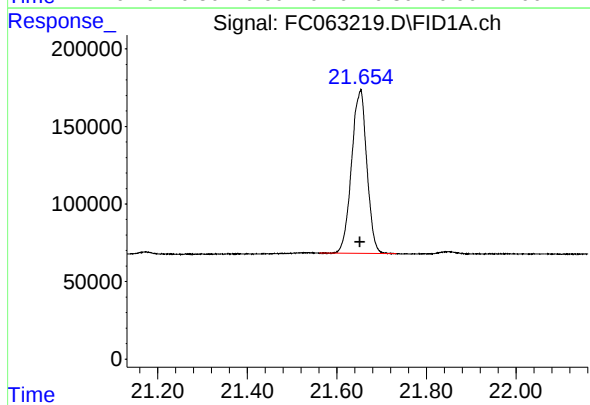
R.T.: 20.025 min
Delta R.T.: -0.004 min
Response: 2492562
Conc: 22.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.002 min
Response: 2498613
Conc: 23.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: 0.002 min
Response: 2497103
Conc: 23.58 ug/ml