



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID: 50 PPM ALIPHATIC HC 9 Acq On: 05 May 2023 14:31
Client Sample ID: Operator: YP/AJ
Data file: FC063564.D Misc:
Instrument: FID_C ALS Vial: 7
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.200	6.480	23850517.000	150.000	ug/ml
Aliphatic C12-C16	6.481	9.871	15715856.000	100.000	ug/ml
Aliphatic C16-C21	9.872	13.228	22164484.000	150.000	ug/ml
Aliphatic C21-C28	13.229	16.879	26641591.000	200.000	ug/ml
Aliphatic C28-C40	16.880	21.727	36484173.000	300.000	ug/ml
Aliphatic EPH	3.200		124856621.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063564.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 14:31
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 05 18:12:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:11:58 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	9054011	47.674 ug/ml
Spiked Amount 50.000		Recovery =	95.35%
12) S 1-chlorooctadecane (S...	12.965	6353596	47.893 ug/ml
Spiked Amount 50.000		Recovery =	95.79%
Target Compounds			
1) T n-Nonane (C9)	3.301	7858201	47.653 ug/ml
2) T n-Decane (C10)	4.365	7987152	47.778 ug/ml
3) T A~Naphthalene (C11.7)	5.947	8683845	49.025 ug/ml
4) T n-Dodecane (C12)	6.382	8005164	47.596 ug/ml
5) T A~2-methylnaphthalene...	7.004	8385335	49.069 ug/ml
6) T n-Tetradecane (C14)	8.176	7829725	47.831 ug/ml
7) T n-Hexadecane (C16)	9.776	7886131	47.539 ug/ml
8) T n-Octadecane (C18)	11.216	7801173	47.498 ug/ml
10) T n-Eicosane (C20)	12.522	7295407	47.483 ug/ml
11) T n-Heneicosane (C21)	13.131	7067904	47.729 ug/ml
13) T n-Docosane (C22)	13.718	6942981	47.683 ug/ml
14) T n-Tetracosane (C24)	14.817	6774500	47.837 ug/ml
15) T n-Hexacosane (C26)	15.834	6577956	47.850 ug/ml
16) T n-Octacosane (C28)	16.782	6346154	47.884 ug/ml
17) T n-Tricontane (C30)	17.666	6357332	47.548 ug/ml
18) T n-Dotriacontane (C32)	18.497	6202761	47.008 ug/ml
19) T n-Tetratriacontane (C34)	19.279	6093333	47.317 ug/ml
20) T n-Hexatriacontane (C36)	20.015	5899260	48.108 ug/ml
21) T n-Octatriacontane (C38)	20.741	5951960	48.106 ug/ml
22) T n-Tetracontane (C40)	21.633	5979527	48.270 ug/ml

(f)=RT Delta > 1/2 Window

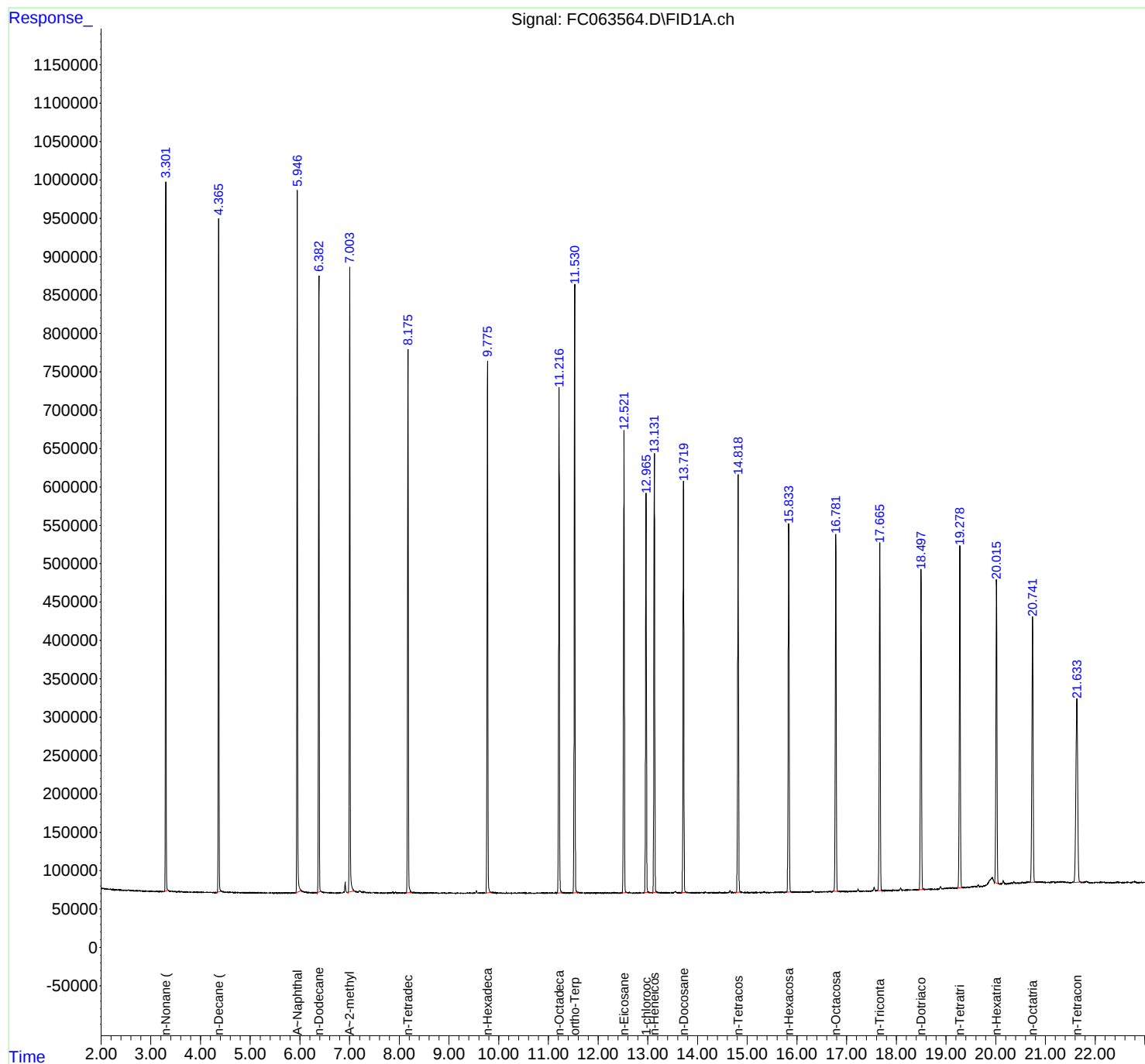
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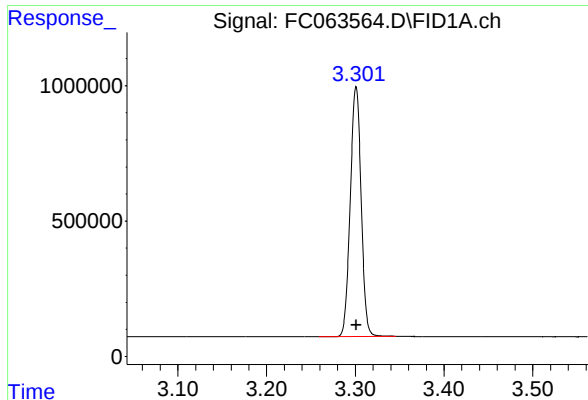
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
Data File : FC063564.D
Signal(s) : FID1A.ch
Acq On : 05 May 2023 14:31
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 05 18:12:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

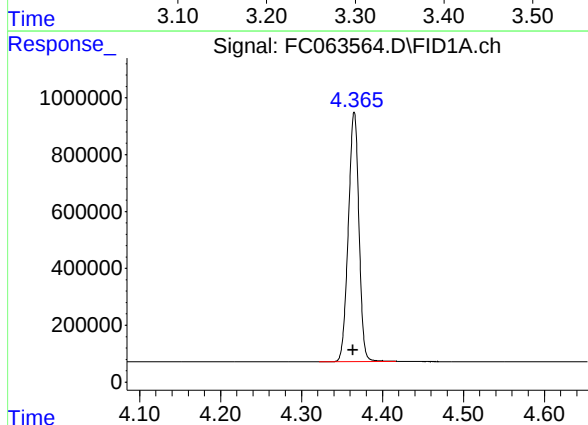




#1 n-Nonane (C9)

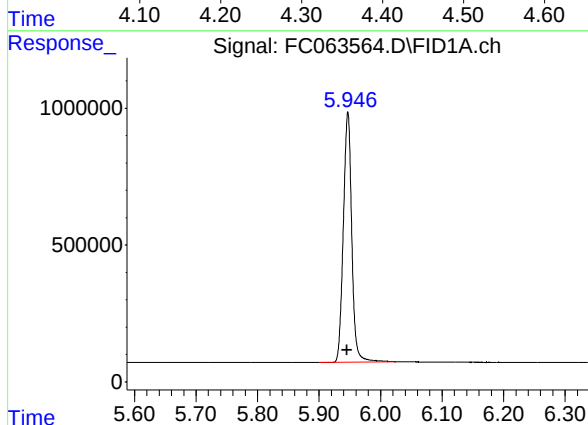
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 7858201
Conc: 47.65 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



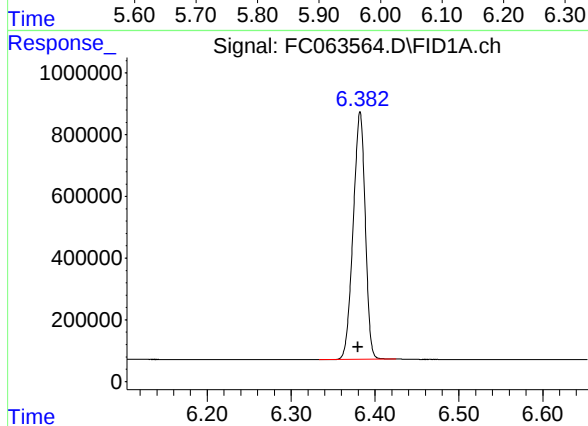
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.002 min
Response: 7987152
Conc: 47.78 ug/ml



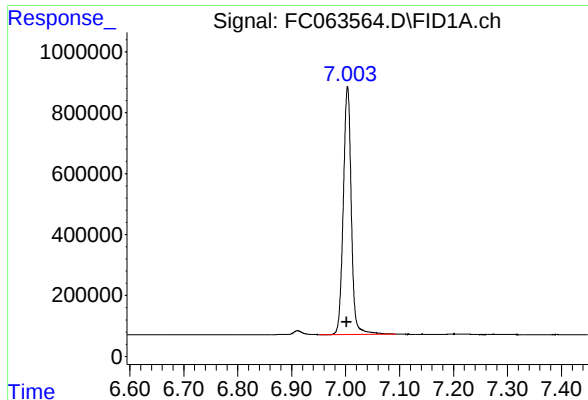
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 8683845
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

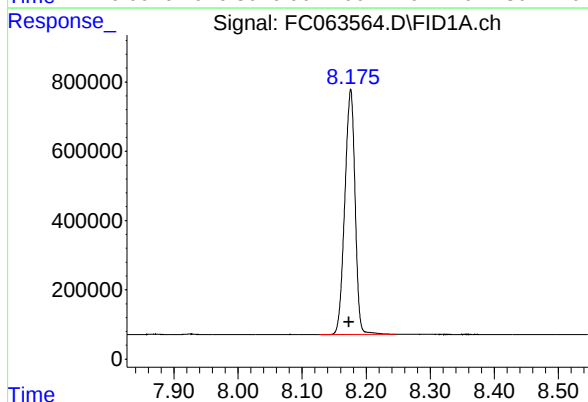
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 8005164
Conc: 47.60 ug/ml



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

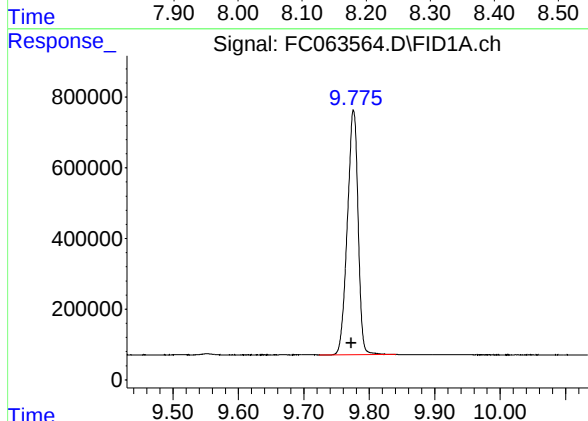
R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 8385335
Conc: 49.07 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



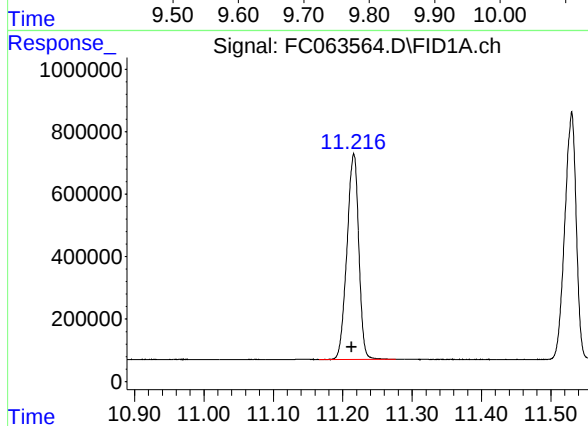
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.003 min
Response: 7829725
Conc: 47.83 ug/ml



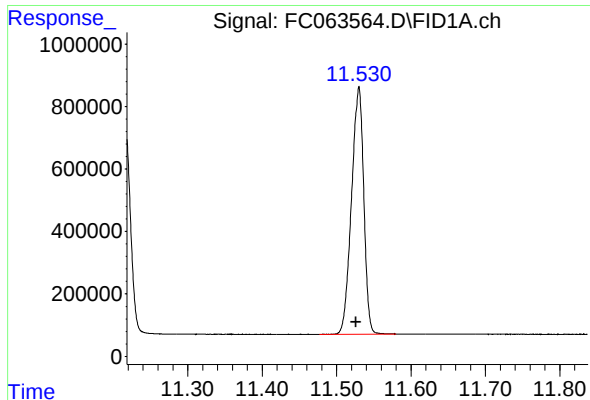
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.003 min
Response: 7886131
Conc: 47.54 ug/ml



#8 n-Octadecane (C18)

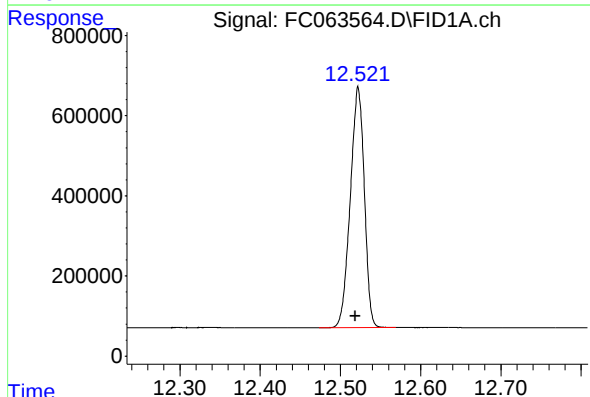
R.T.: 11.216 min
Delta R.T.: 0.003 min
Response: 7801173
Conc: 47.50 ug/ml



#9 ortho-Terphenyl (SURR)

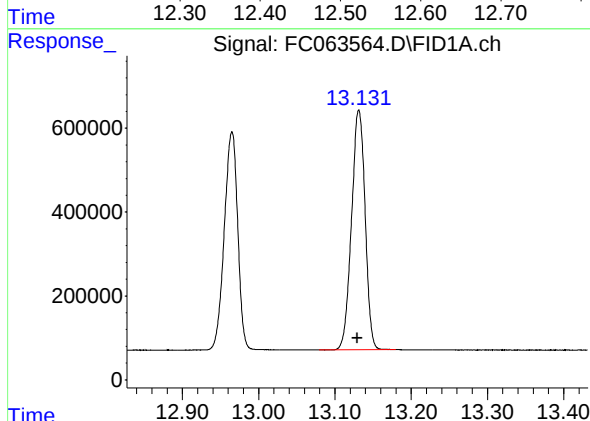
R.T.: 11.530 min
Delta R.T.: 0.004 min
Response: 9054011
Conc: 47.67 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



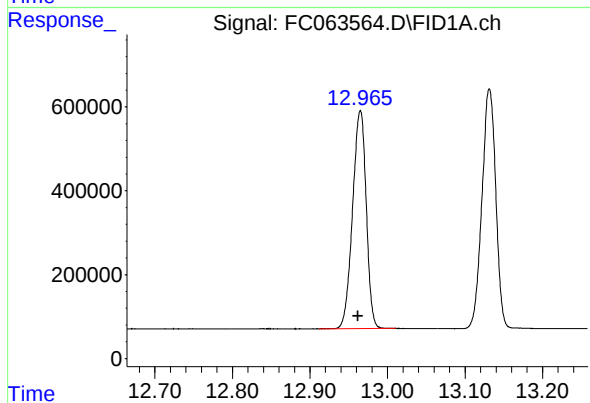
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.004 min
Response: 7295407
Conc: 47.48 ug/ml



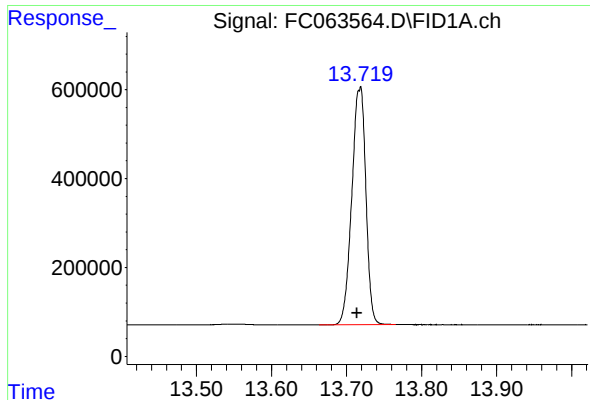
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.002 min
Response: 7067904
Conc: 47.73 ug/ml



#12 1-chlorooctadecane (SURR)

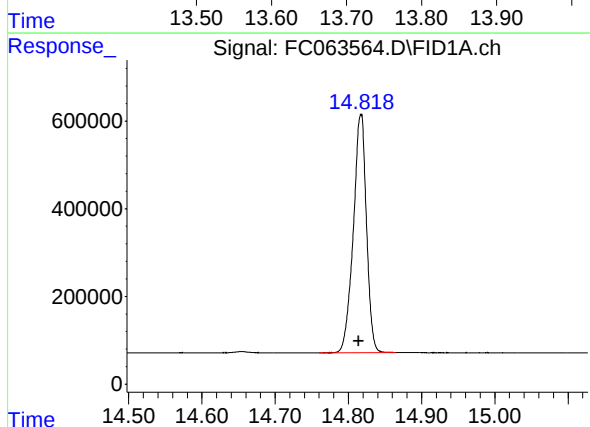
R.T.: 12.965 min
Delta R.T.: 0.003 min
Response: 6353596
Conc: 47.89 ug/ml



#13 n-Docosane (C22)

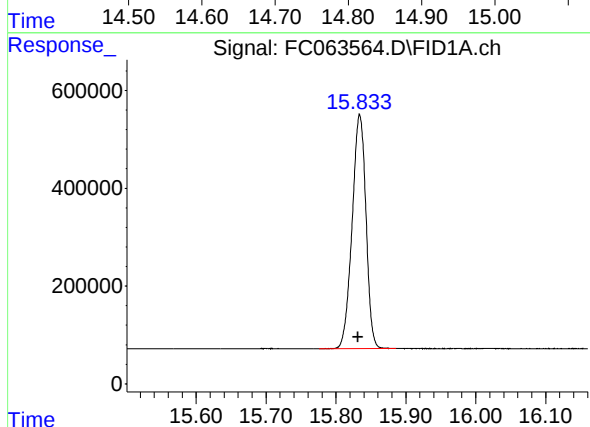
R.T.: 13.718 min
Delta R.T.: 0.004 min
Response: 6942981
Conc: 47.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



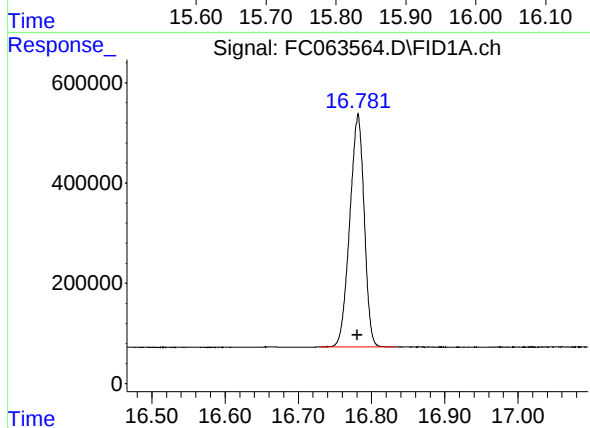
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.003 min
Response: 6774500
Conc: 47.84 ug/ml



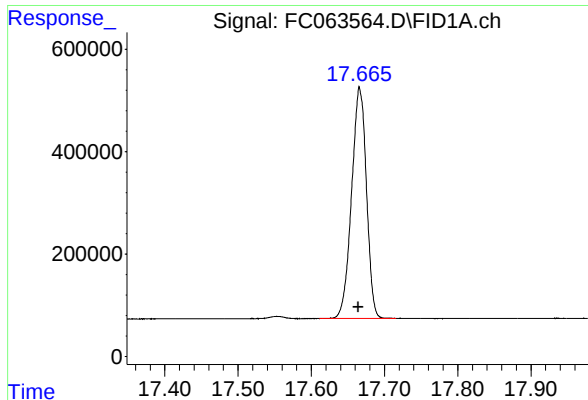
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.002 min
Response: 6577956
Conc: 47.85 ug/ml



#16 n-Octacosane (C28)

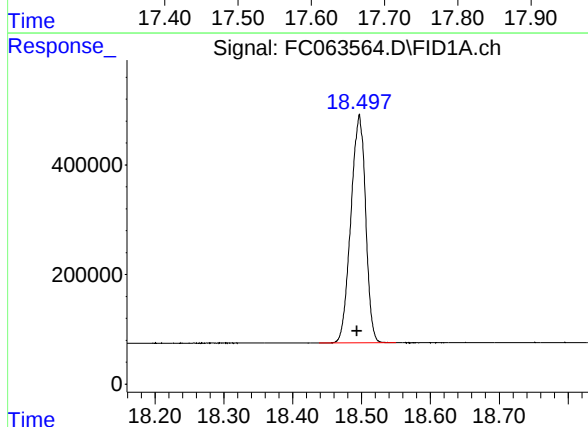
R.T.: 16.782 min
Delta R.T.: 0.001 min
Response: 6346154
Conc: 47.88 ug/ml



#17 n-Tricontane (C30)

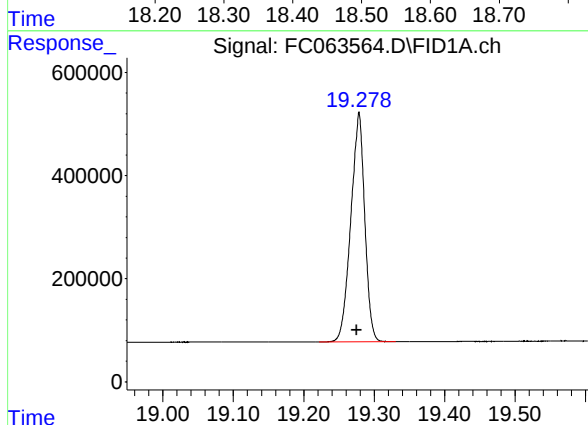
R.T.: 17.666 min
Delta R.T.: 0.002 min
Response: 6357332
Conc: 47.55 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



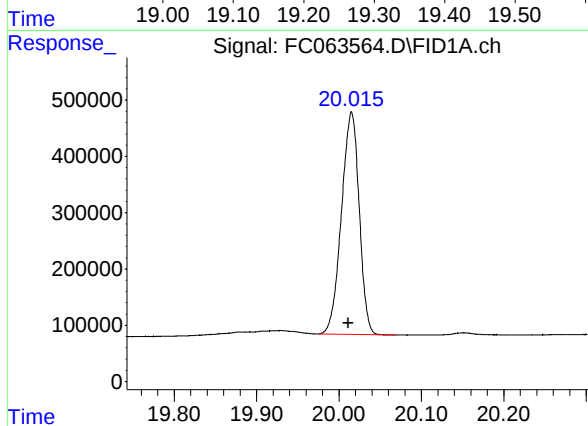
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.003 min
Response: 6202761
Conc: 47.01 ug/ml



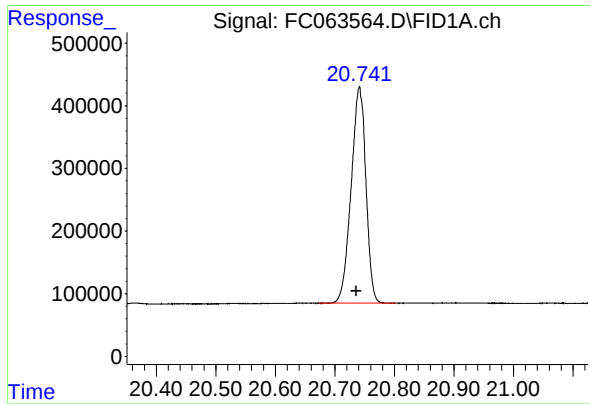
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.004 min
Response: 6093333
Conc: 47.32 ug/ml



#20 n-Hexatriacontane (C36)

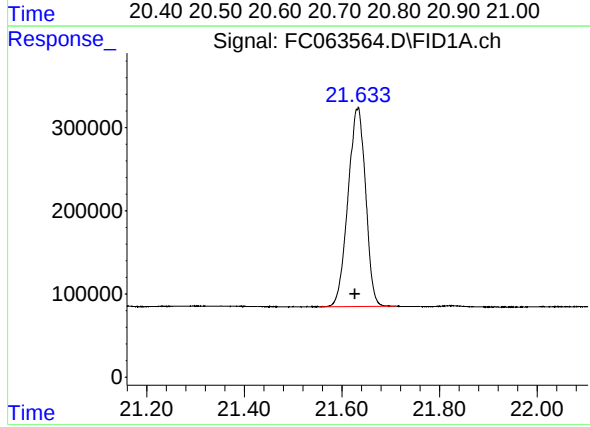
R.T.: 20.015 min
Delta R.T.: 0.004 min
Response: 5899260
Conc: 48.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.005 min
Response: 5951960
Conc: 48.11 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.007 min
Response: 5979527
Conc: 48.27 ug/ml