



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

Lab Sample ID: 20 PPM ALIPHATIC HC 9 Acq On: 02 May 2023 18:47
Client Sample ID: Operator: YP/AJ
Data file: FC063523.D Misc:
Instrument: FID_C ALS Vial: 8
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.483	7998632.000	60.000	ug/ml
Aliphatic C12-C16	6.484	9.877	5305296.000	40.000	ug/ml
Aliphatic C16-C21	9.878	13.235	7977960.000	60.000	ug/ml
Aliphatic C21-C28	13.236	16.888	10338955.000	80.000	ug/ml
Aliphatic C28-C40	16.889	21.746	14647749.000	120.000	ug/ml
Aliphatic EPH	3.197		46268592.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063523.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 18:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 03 00:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:24:00 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)	11.531	3155892	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.967	2167659	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.297	2654463	20.000 ug/ml
2) T n-Decane (C10)	4.364	2678174	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2763431	20.000 ug/ml
4) T n-Dodecane (C12)	6.383	2665995	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.006	2648446	20.000 ug/ml
6) T n-Tetradecane (C14)	8.178	2624063	20.000 ug/ml
7) T n-Hexadecane (C16)	9.777	2681233	20.000 ug/ml
8) T n-Octadecane (C18)	11.217	2745657	20.000 ug/ml
10) T n-Eicosane (C20)	12.524	2634512	20.000 ug/ml
11) T n-Heneicosane (C21)	13.134	2597791	20.000 ug/ml
13) T n-Docosane (C22)	13.721	2587909	20.000 ug/ml
14) T n-Tetracosane (C24)	14.822	2617562	20.000 ug/ml
15) T n-Hexacosane (C26)	15.840	2582953	20.000 ug/ml
16) T n-Octacosane (C28)	16.789	2550531	20.000 ug/ml
17) T n-Tricontane (C30)	17.672	2594191	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.504	2551340	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2482949	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2344261	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.752	2349770	20.000 ug/ml
22) T n-Tetracontane (C40)	21.646	2325238	20.000 ug/ml

(f)=RT Delta > 1/2 Window

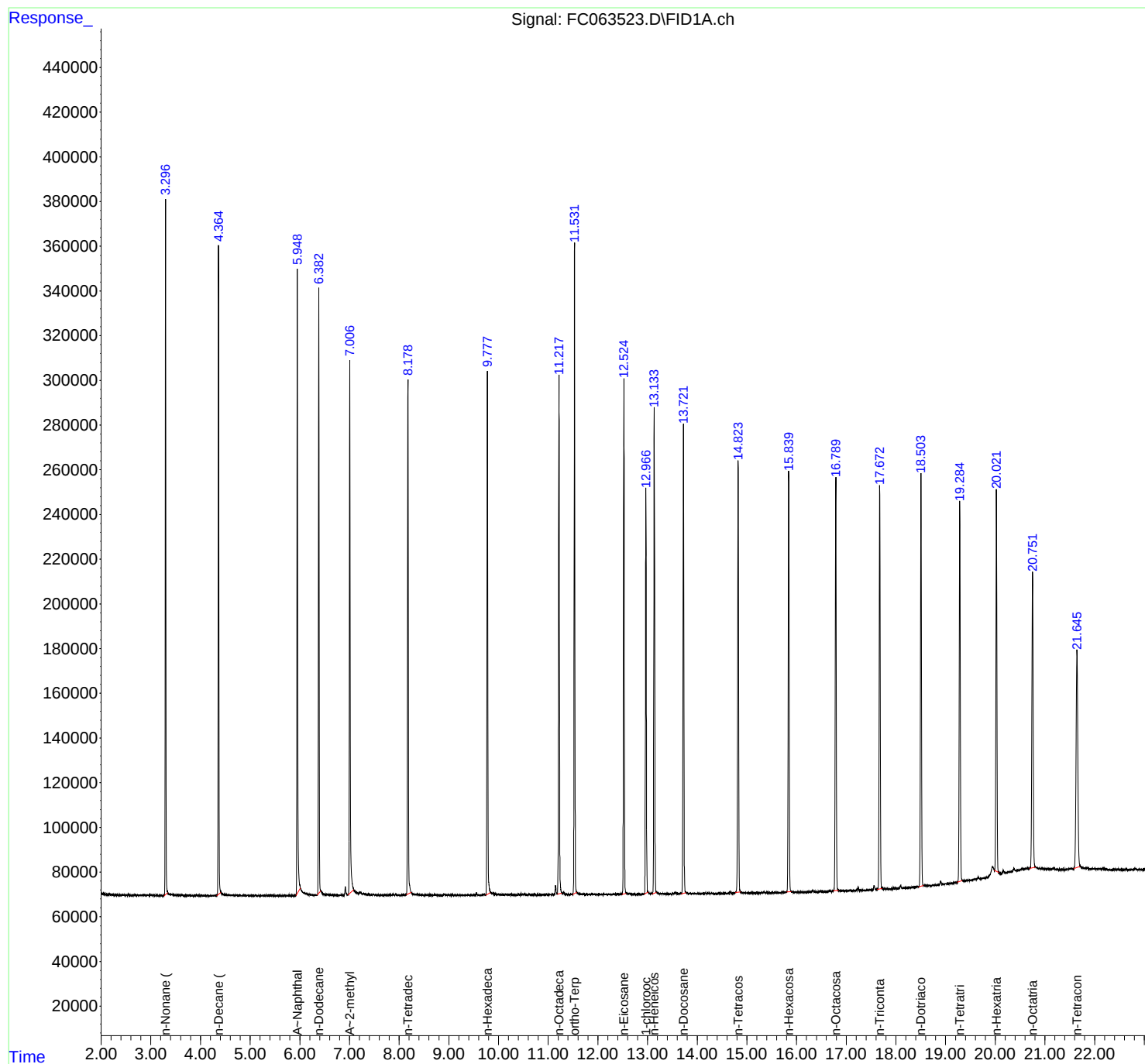
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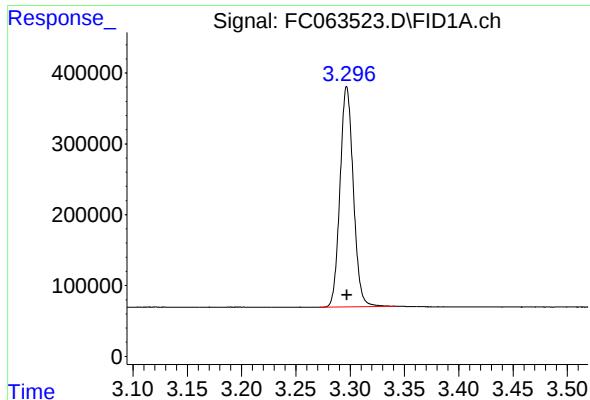
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063523.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 18:47
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 03 00:24:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
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Response via : Initial Calibration
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

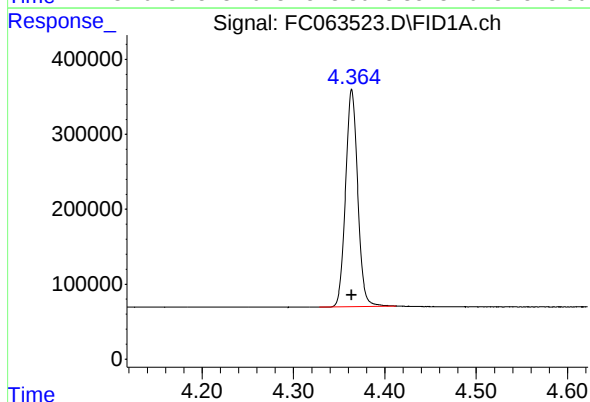




#1 n-Nonane (C9)

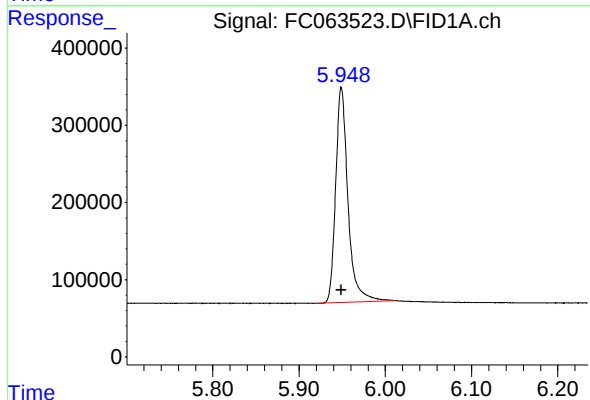
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2654463
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



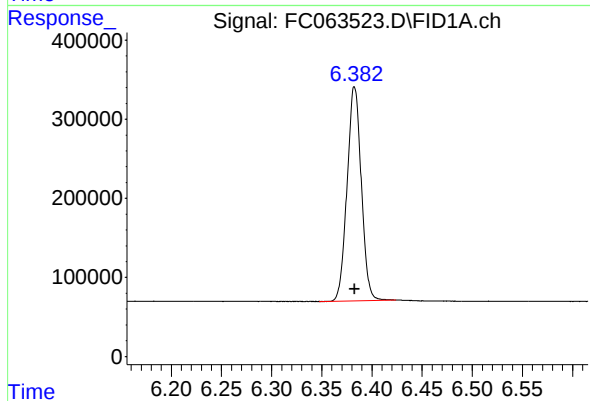
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2678174
Conc: 20.00 ug/ml



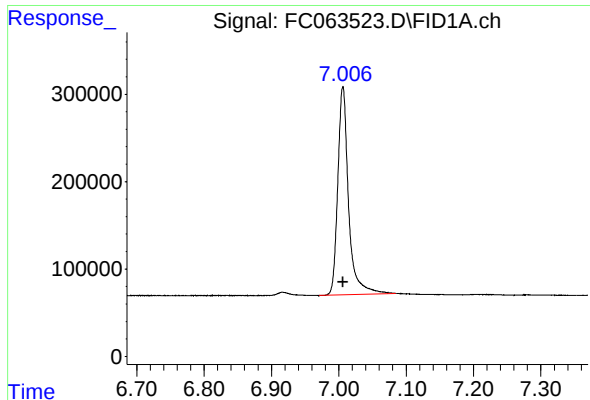
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2763431
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

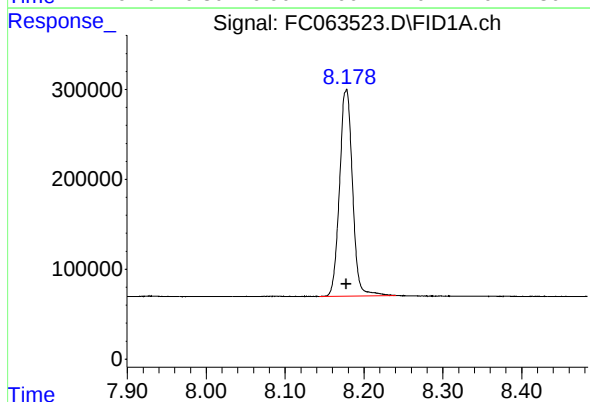
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2665995
Conc: 20.00 ug/ml



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

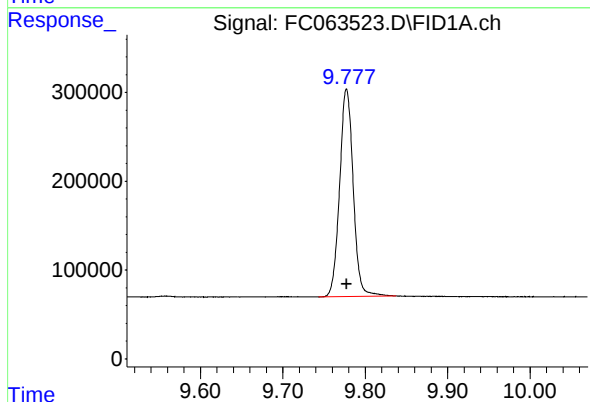
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2648446
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



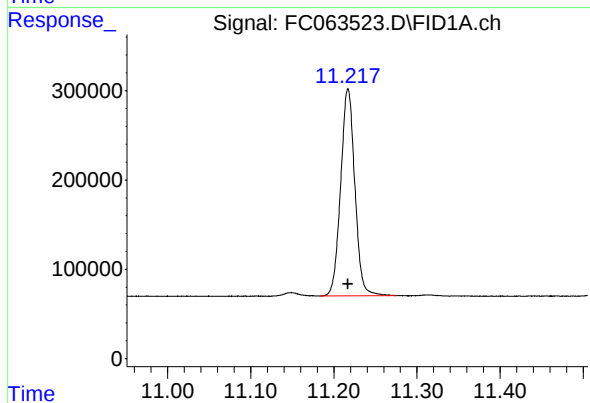
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2624063
Conc: 20.00 ug/ml



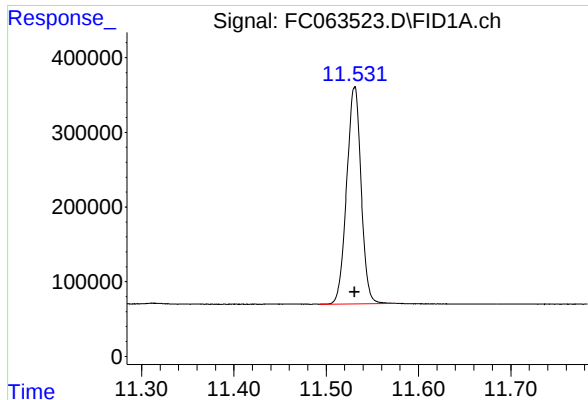
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2681233
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

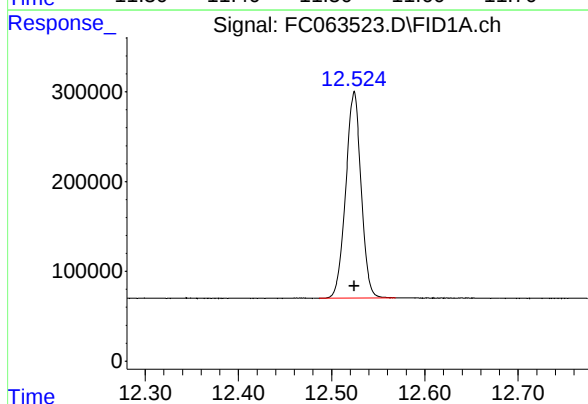
R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2745657
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

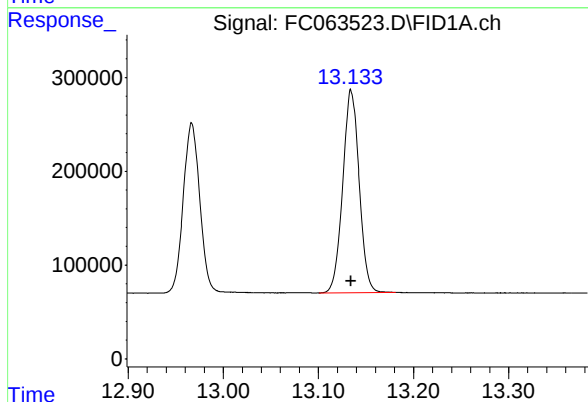
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 3155892
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



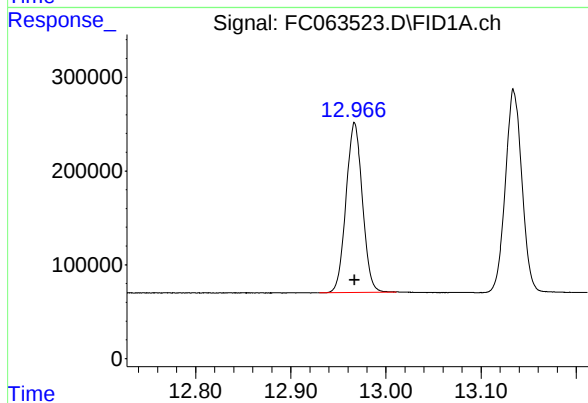
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 2634512
Conc: 20.00 ug/ml



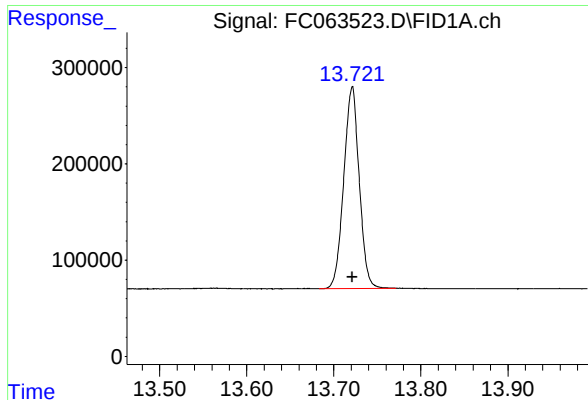
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 2597791
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

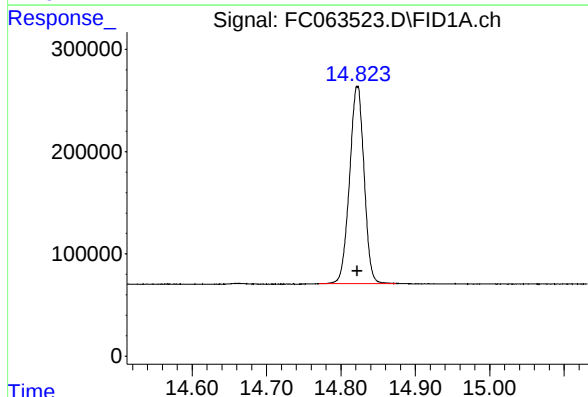
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2167659
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

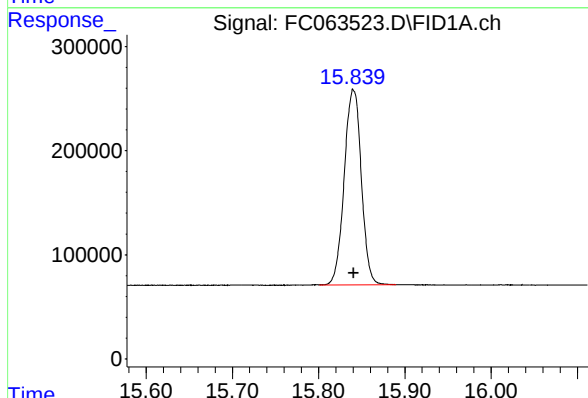
R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 2587909
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



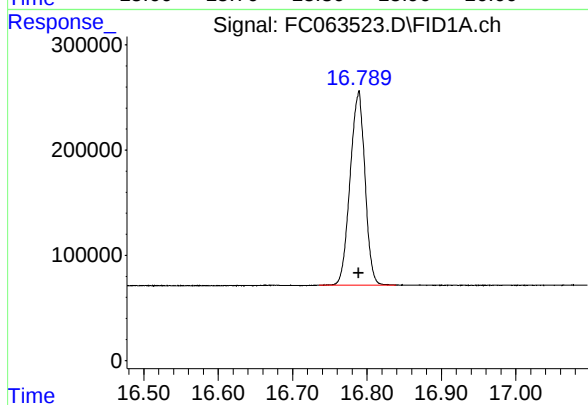
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2617562
Conc: 20.00 ug/ml



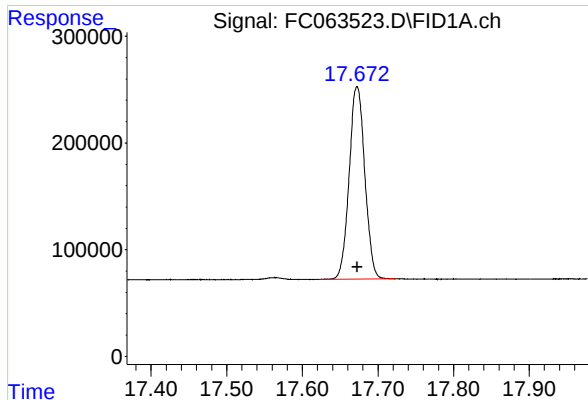
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 2582953
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

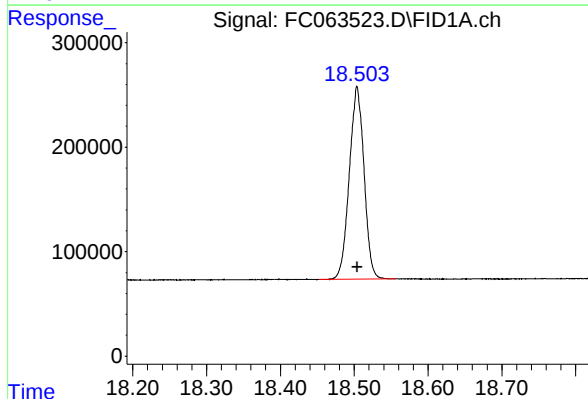
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 2550531
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

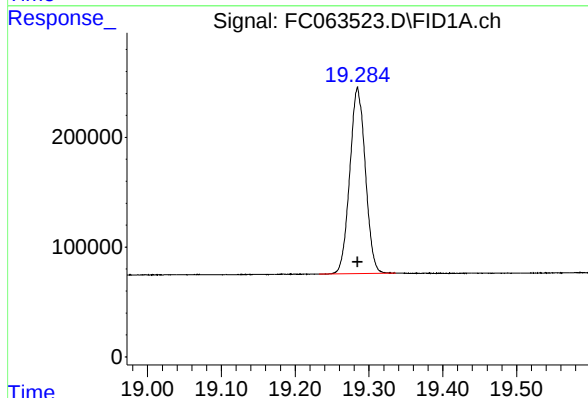
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2594191
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



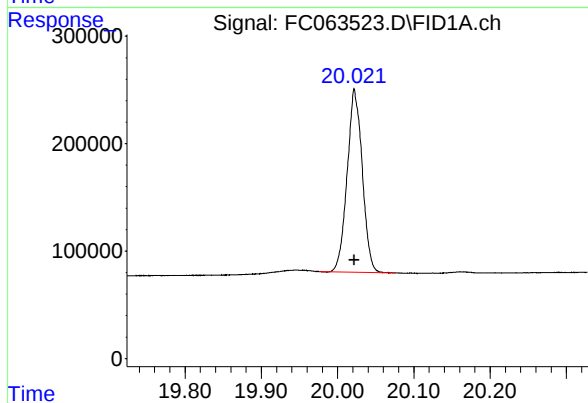
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.000 min
Response: 2551340
Conc: 20.00 ug/ml



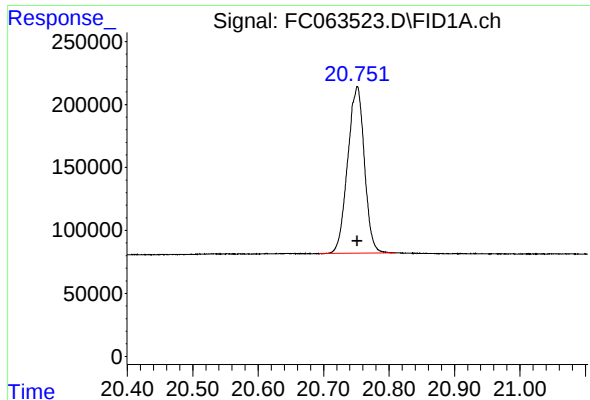
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.000 min
Response: 2482949
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

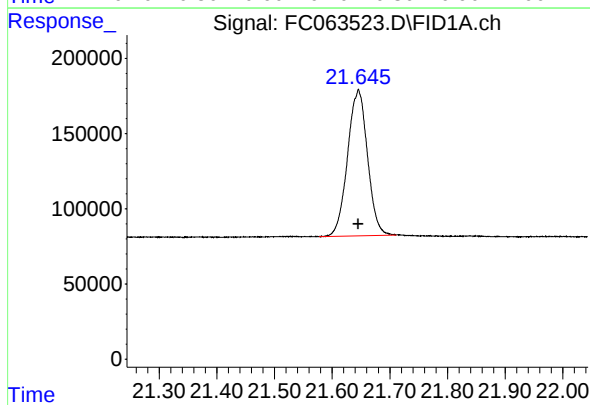
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 2344261
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.000 min
Response: 2349770
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.000 min
Response: 2325238
Conc: 20.00 ug/ml