



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

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	15 Mar 2023 22:48
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063190.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	6.481	6999021.000	60.000	ug/ml
Aliphatic C12-C16	6.482	9.877	4548813.000	40.000	ug/ml
Aliphatic C16-C21	9.878	13.238	6886523.000	60.000	ug/ml
Aliphatic C21-C28	13.239	16.892	8939633.000	80.000	ug/ml
Aliphatic C28-C40	16.893	21.750	13106637.000	120.000	ug/ml
Aliphatic EPH	3.197	21.750	40480627.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063190.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 22:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 16 01:35:46 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)	11.531	2562975	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
12) S 1-chlorooctadecane (S...	12.970	1913566	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.297	2374295	19.629 ug/ml
2) T n-Decane (C10)	4.363	2315576	19.679 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2547672	19.785 ug/ml
4) T n-Dodecane (C12)	6.381	2309150	19.652 ug/ml
5) T A~2-methylnaphthalene...	7.004	2369814	20.148 ug/ml
6) T n-Tetradecane (C14)	8.177	2244165	19.493 ug/ml
7) T n-Hexadecane (C16)	9.777	2304648	19.782 ug/ml
8) T n-Octadecane (C18)	11.219	2340051	19.793 ug/ml
10) T n-Eicosane (C20)	12.526	2274022	19.740 ug/ml
11) T n-Heneicosane (C21)	13.138	2272450	19.716 ug/ml
13) T n-Docosane (C22)	13.723	2247712	19.739 ug/ml
14) T n-Tetracosane (C24)	14.823	2243247	19.731 ug/ml
15) T n-Hexacosane (C26)	15.844	2222886	19.752 ug/ml
16) T n-Octacosane (C28)	16.792	2225788	19.778 ug/ml
17) T n-Tricontane (C30)	17.678	2243869	19.728 ug/ml
18) T n-Dotriacontane (C32)	18.508	2283602	19.737 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2257952	19.644 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2135791	19.546 ug/ml
21) T n-Octatriacontane (C38)	20.753	2115108	19.575 ug/ml
22) T n-Tetracontane (C40)	21.650	2070315	19.551 ug/ml

(f)=RT Delta > 1/2 Window

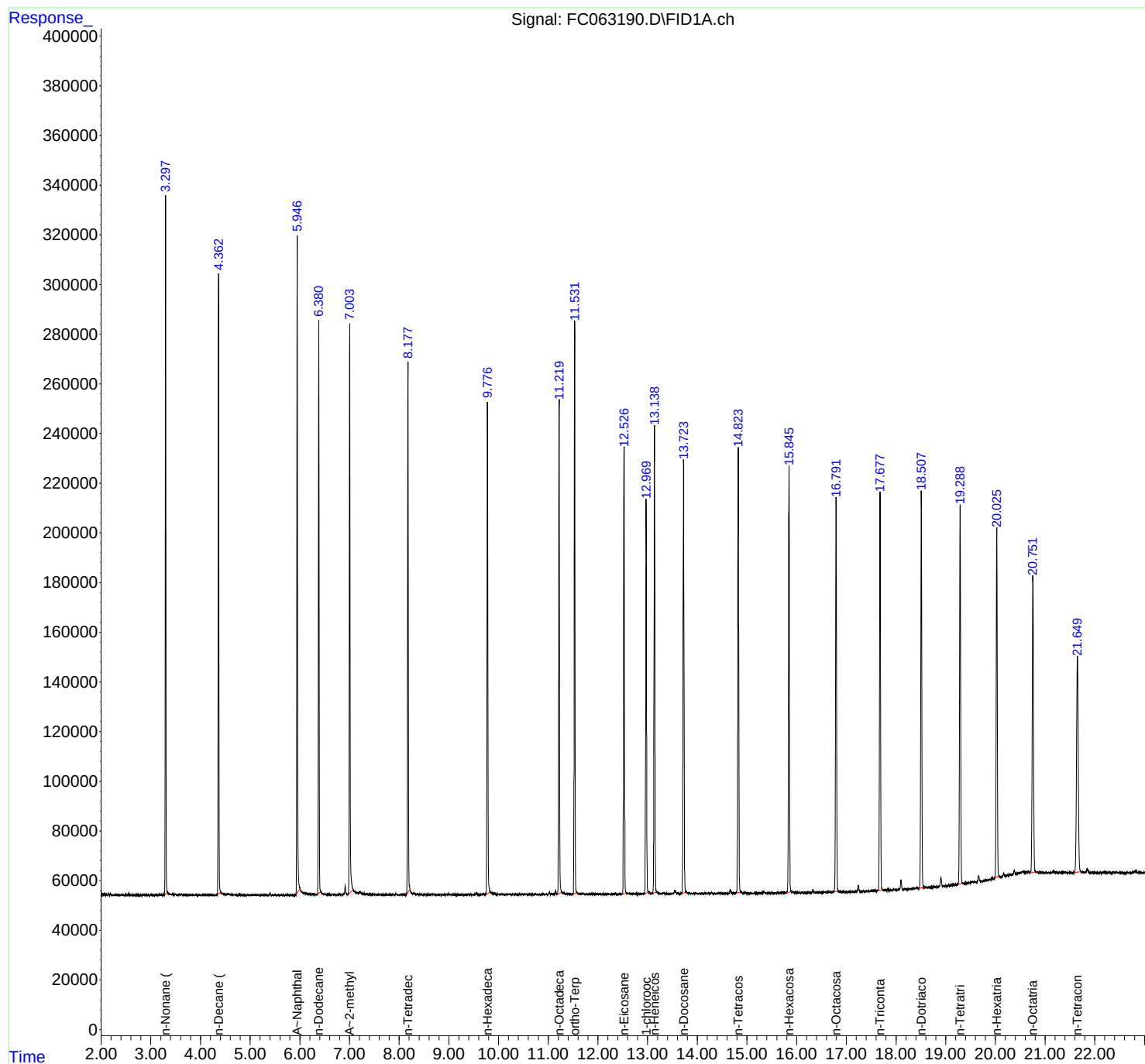
(m)=manual int.

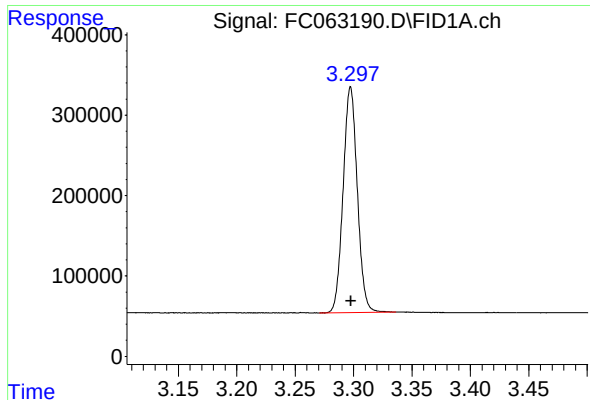
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063190.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 22:48
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 16 01:35:46 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

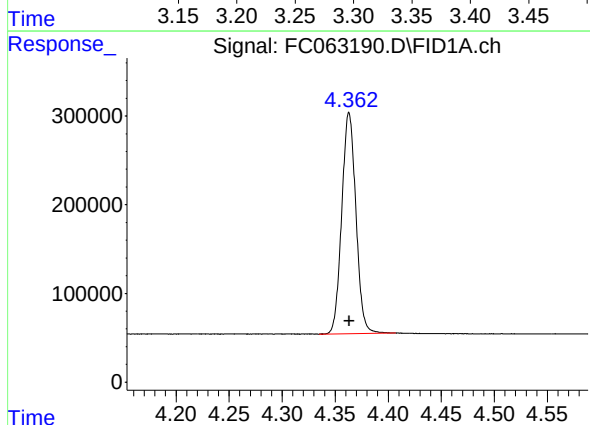




#1 n-Nonane (C9)

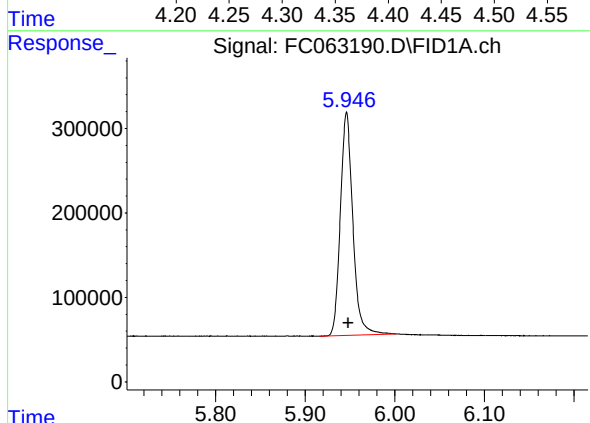
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2374295
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



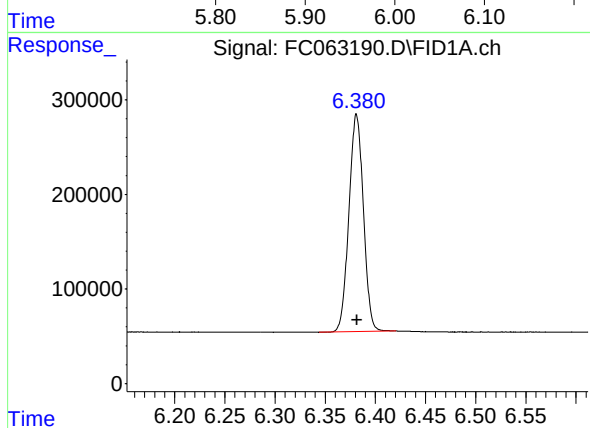
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2315576
Conc: 19.68 ug/ml



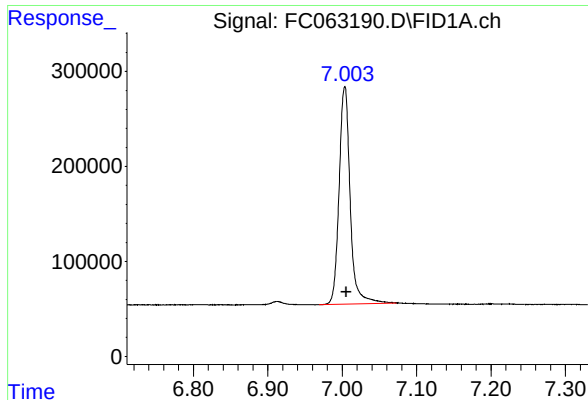
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 2547672
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

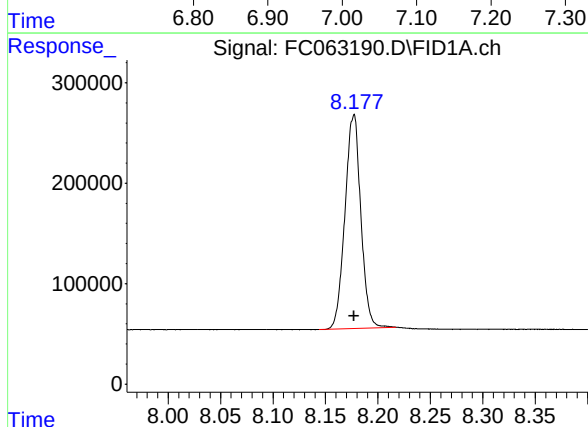
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2309150
Conc: 19.65 ug/ml



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

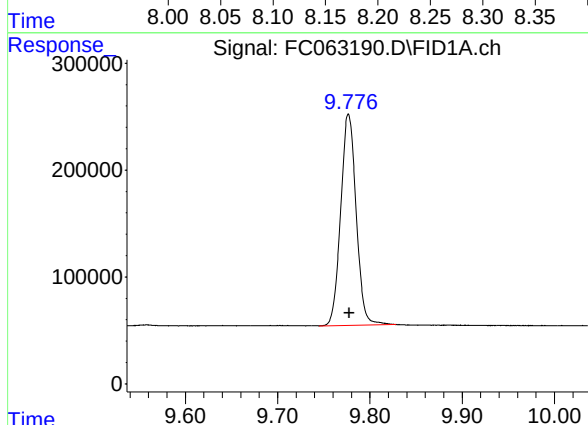
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 2369814
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



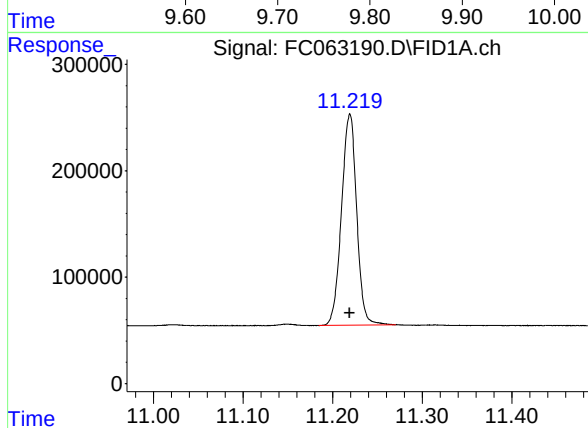
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2244165
Conc: 19.49 ug/ml



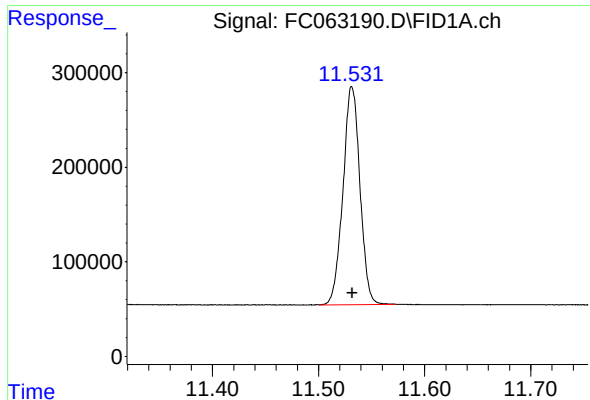
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2304648
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

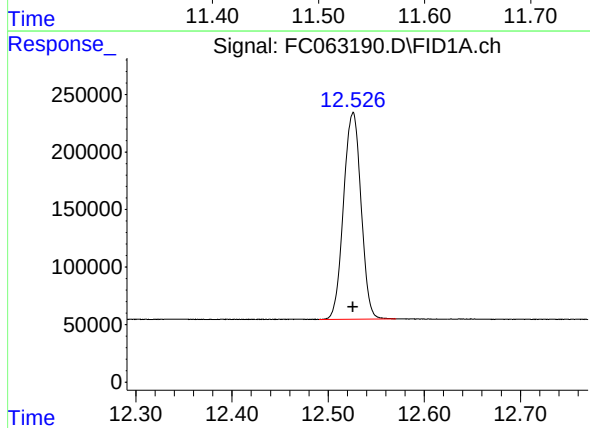
R.T.: 11.219 min
Delta R.T.: 0.000 min
Response: 2340051
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

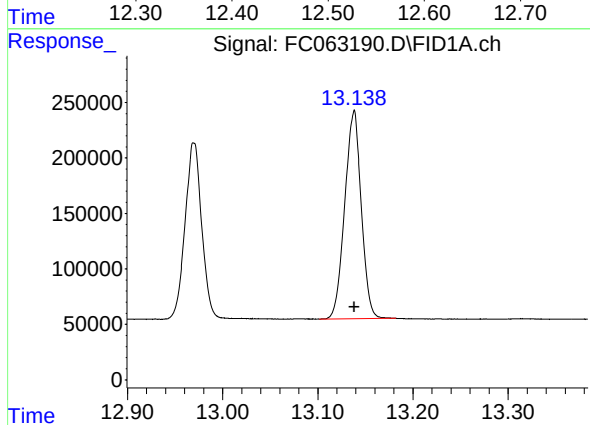
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 2562975
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



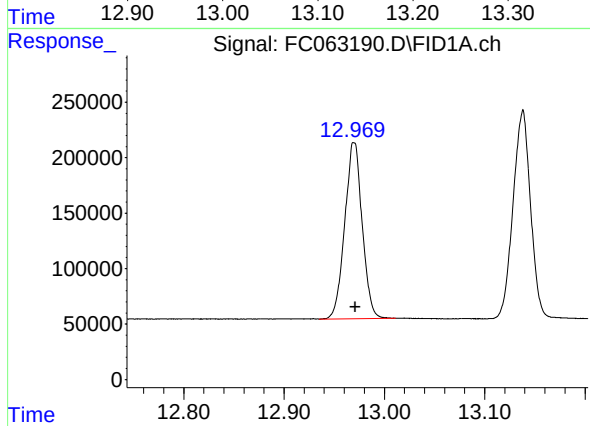
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 2274022
Conc: 19.74 ug/ml



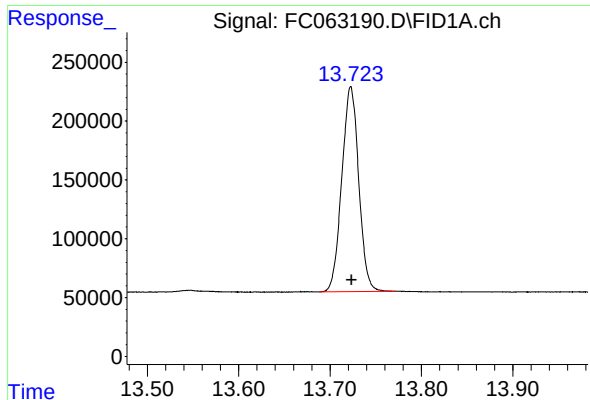
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2272450
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

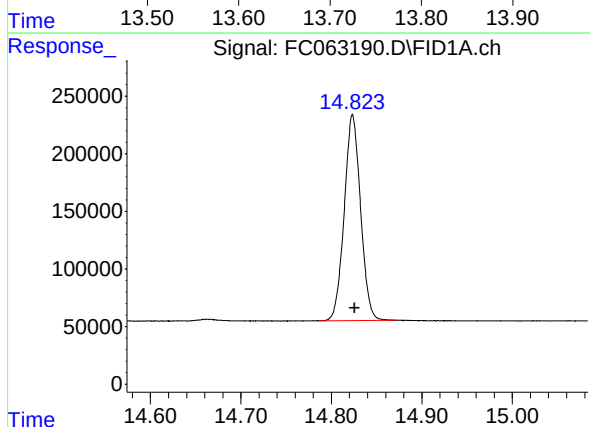
R.T.: 12.970 min
Delta R.T.: -0.001 min
Response: 1913566
Conc: 19.83 ug/ml



#13 n-Docosane (C22)

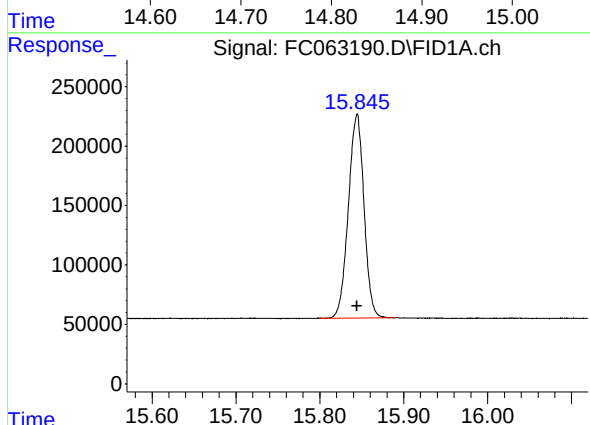
R.T.: 13.723 min
Delta R.T.: -0.001 min
Response: 2247712
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



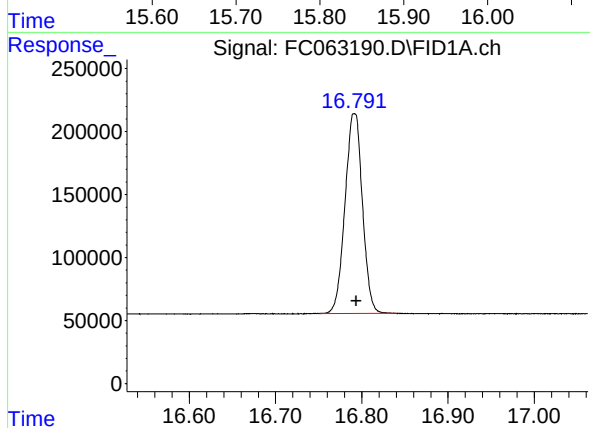
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.002 min
Response: 2243247
Conc: 19.73 ug/ml



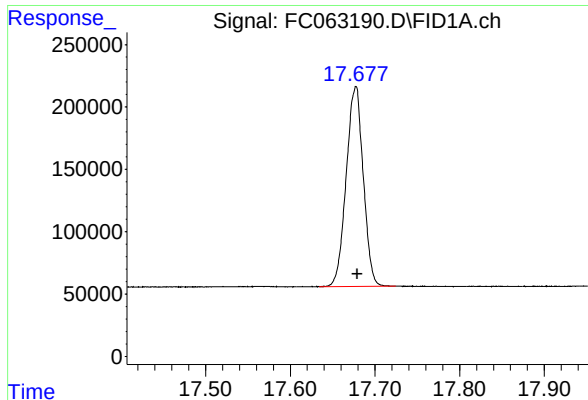
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.000 min
Response: 2222886
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

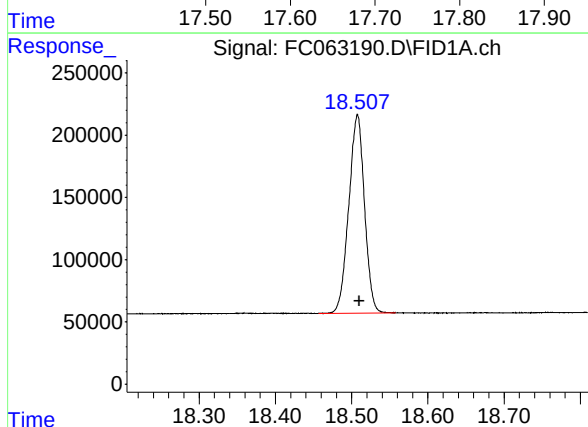
R.T.: 16.792 min
Delta R.T.: -0.002 min
Response: 2225788
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

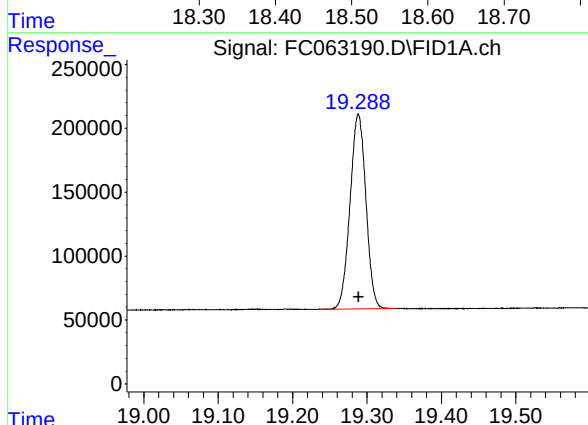
R.T.: 17.678 min
Delta R.T.: -0.001 min
Response: 2243869
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



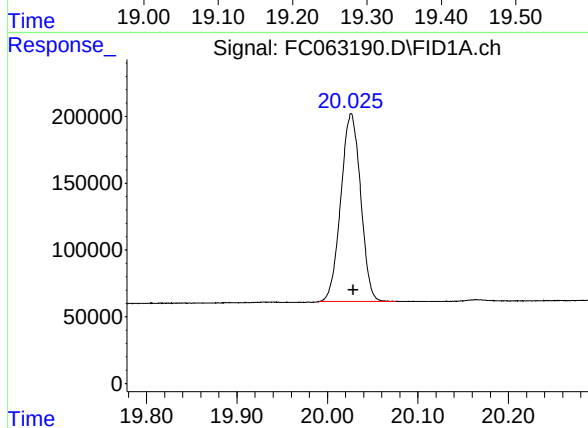
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: -0.003 min
Response: 2283602
Conc: 19.74 ug/ml



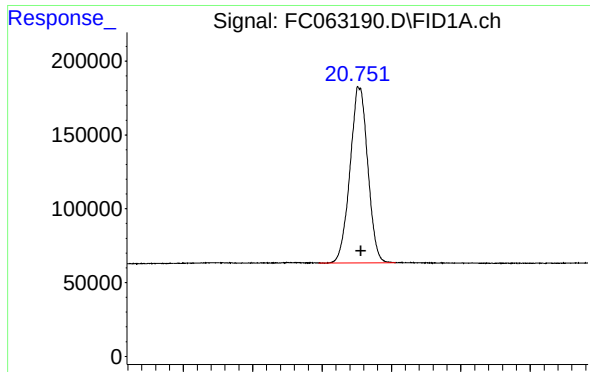
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min
Delta R.T.: 0.000 min
Response: 2257952
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

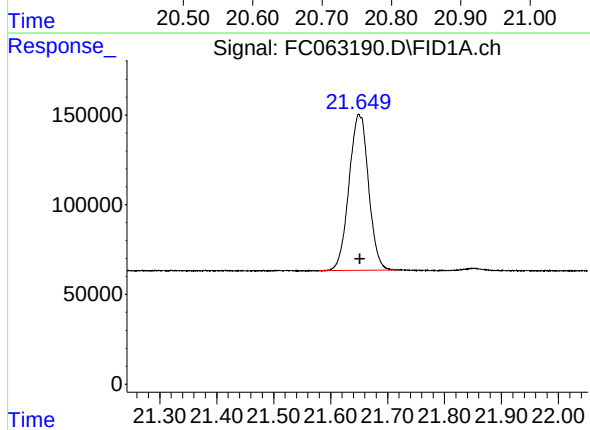
R.T.: 20.026 min
Delta R.T.: -0.002 min
Response: 2135791
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.003 min
Response: 2115108
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.002 min
Response: 2070315
Conc: 19.55 ug/ml