



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 18:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063185.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	7013741.000	60.000	ug/ml
Aliphatic C12-C16	6.482	9.877	4577119.000	40.000	ug/ml
Aliphatic C16-C21	9.878	13.238	6889726.000	60.000	ug/ml
Aliphatic C21-C28	13.239	16.892	8916539.000	80.000	ug/ml
Aliphatic C28-C40	16.893	21.750	13117496.000	120.000	ug/ml
Aliphatic EPH	3.197		40514621.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063185.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 18:03
 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: Mar 16 01:18:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:17:47 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)	11.533	2573566	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.972	1917432	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.296	2376735	20.000 ug/ml
2) T n-Decane (C10)	4.363	2319505	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2556229	20.000 ug/ml
4) T n-Dodecane (C12)	6.382	2317501	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.004	2365246	20.000 ug/ml
6) T n-Tetradecane (C14)	8.178	2269514	20.000 ug/ml
7) T n-Hexadecane (C16)	9.778	2307605	20.000 ug/ml
8) T n-Octadecane (C18)	11.220	2339136	20.000 ug/ml
10) T n-Eicosane (C20)	12.527	2275820	20.000 ug/ml
11) T n-Heneicosane (C21)	13.139	2274770	20.000 ug/ml
13) T n-Docosane (C22)	13.725	2245845	20.000 ug/ml
14) T n-Tetracosane (C24)	14.825	2241983	20.000 ug/ml
15) T n-Hexacosane (C26)	15.846	2218027	20.000 ug/ml
16) T n-Octacosane (C28)	16.792	2210684	20.000 ug/ml
17) T n-Tricontane (C30)	17.679	2233413	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.510	2267233	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2252618	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2143910	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.756	2124590	20.000 ug/ml
22) T n-Tetracontane (C40)	21.658	2095732	20.000 ug/ml

(f)=RT Delta > 1/2 Window

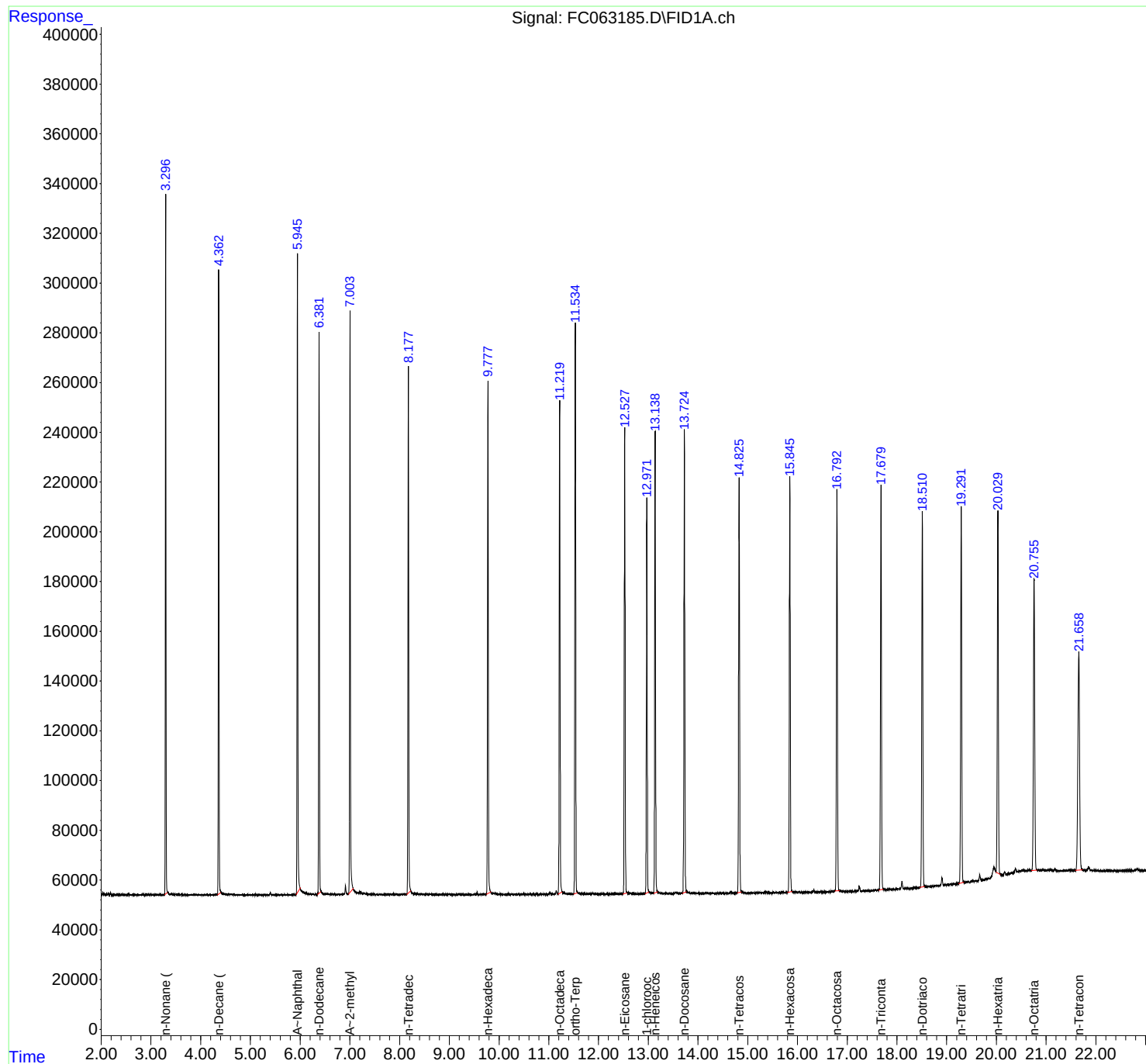
(m)=manual int.

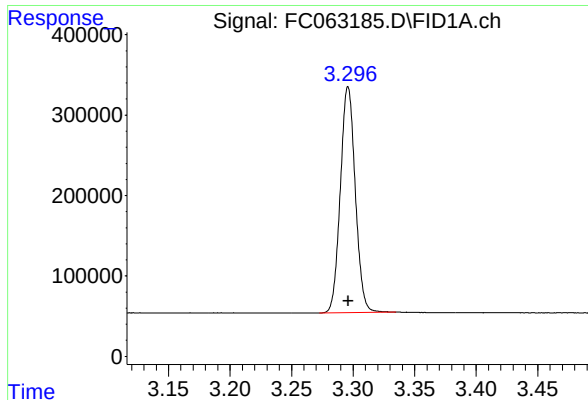
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063185.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 18:03
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 16 01:18:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
Quant Title : GC Extractables
QLast Update : Thu Mar 16 01:17:47 2023
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

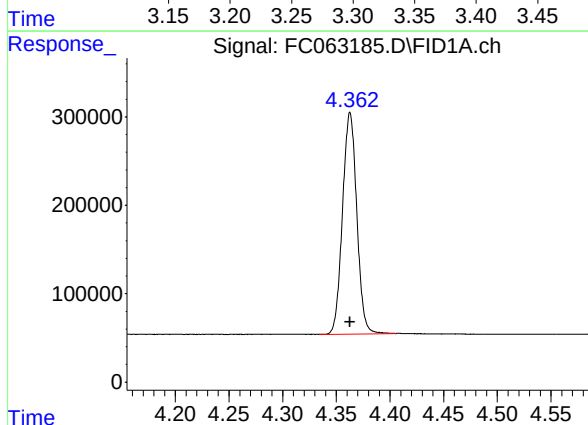




#1 n-Nonane (C9)

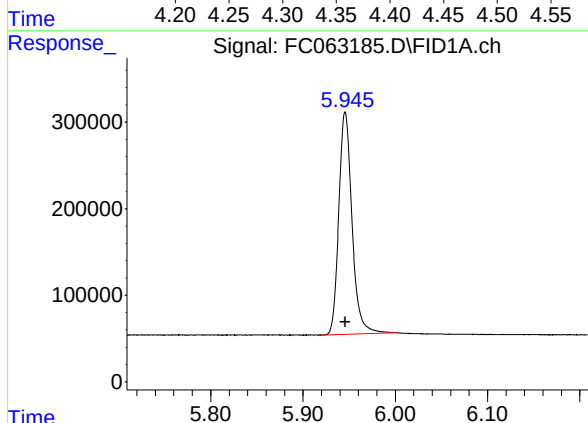
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2376735
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



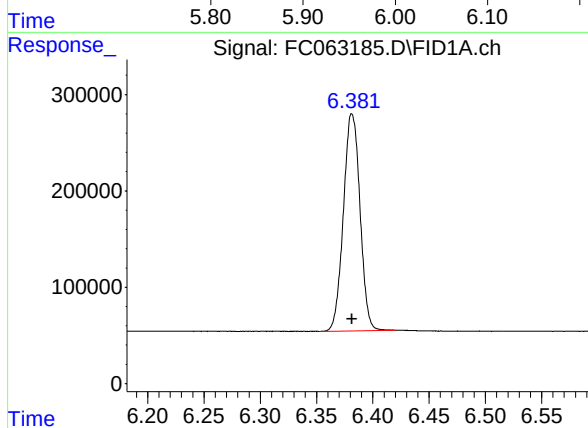
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2319505
Conc: 20.00 ug/ml



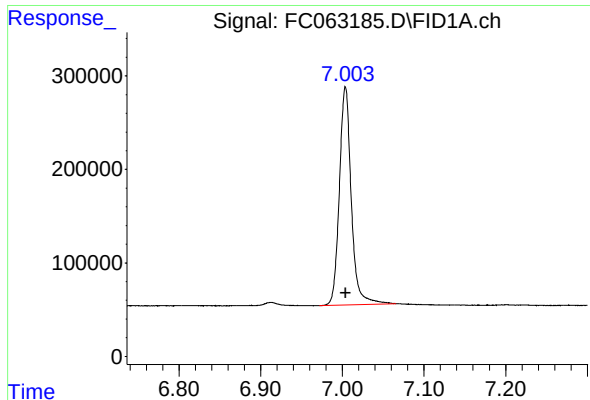
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2556229
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

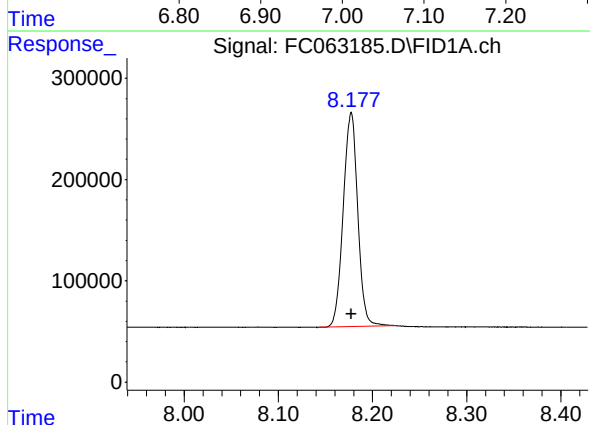
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2317501
Conc: 20.00 ug/ml



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

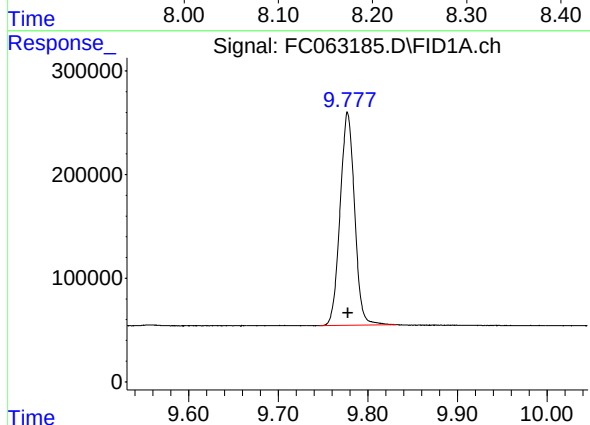
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 2365246
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



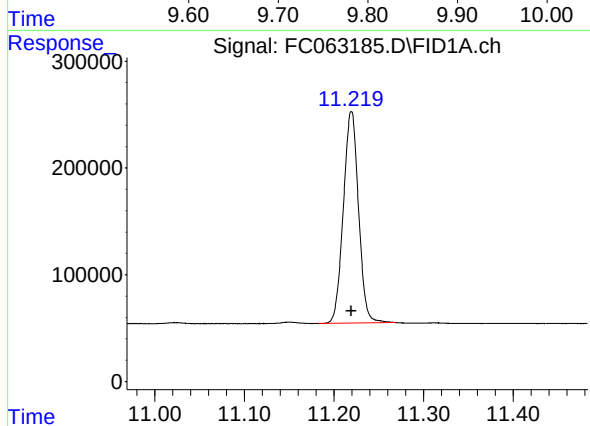
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2269514
Conc: 20.00 ug/ml



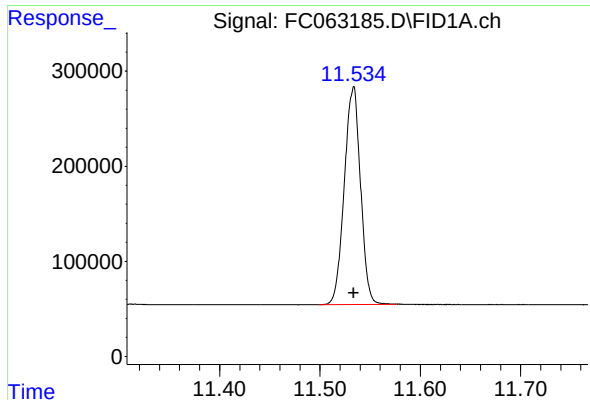
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2307605
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

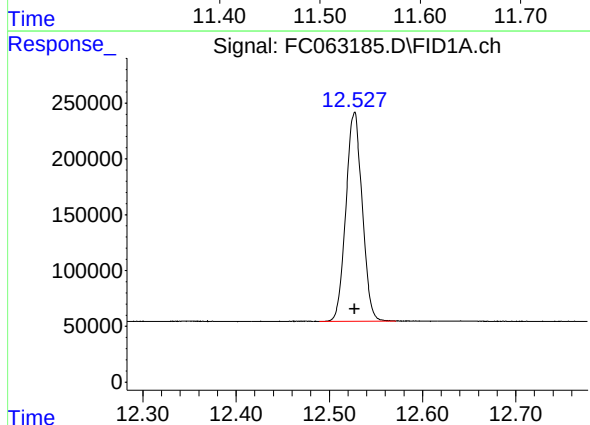
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2339136
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

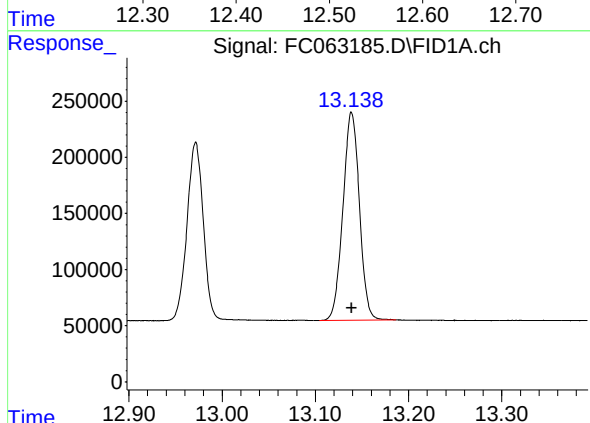
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 2573566
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



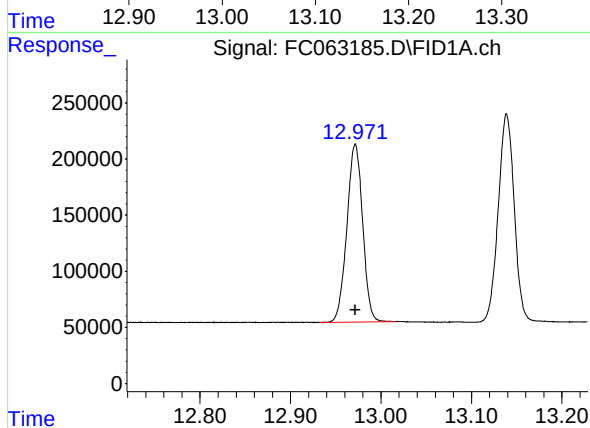
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.000 min
Response: 2275820
Conc: 20.00 ug/ml



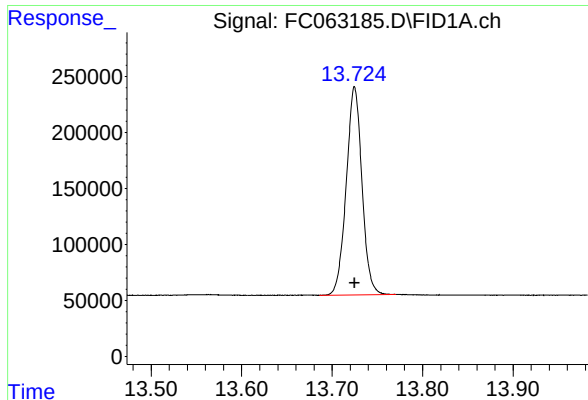
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2274770
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

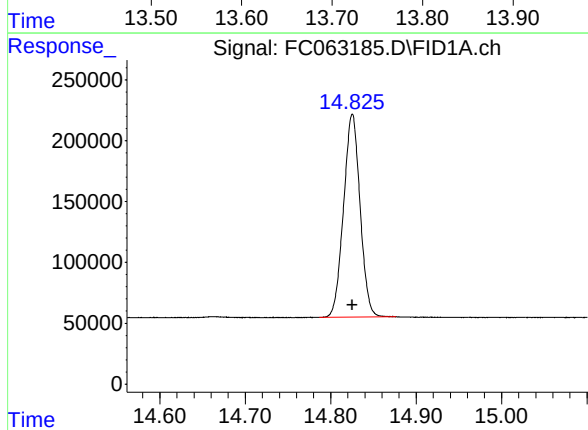
R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 1917432
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

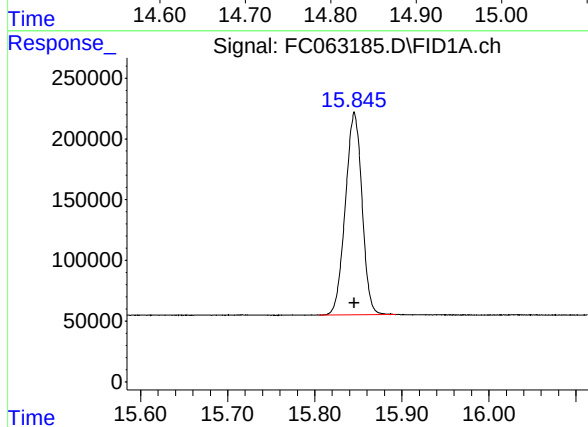
R.T.: 13.725 min
Delta R.T.: 0.000 min
Response: 2245845
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



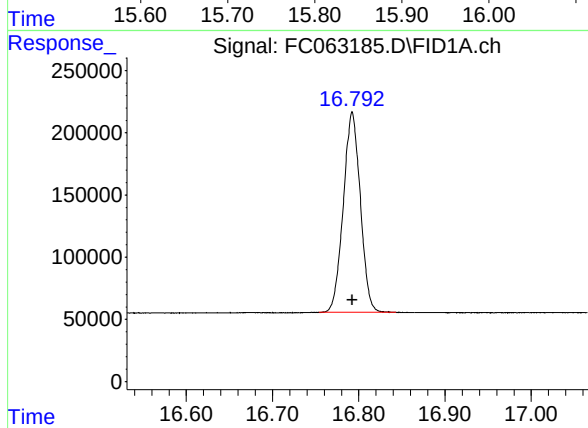
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 2241983
Conc: 20.00 ug/ml



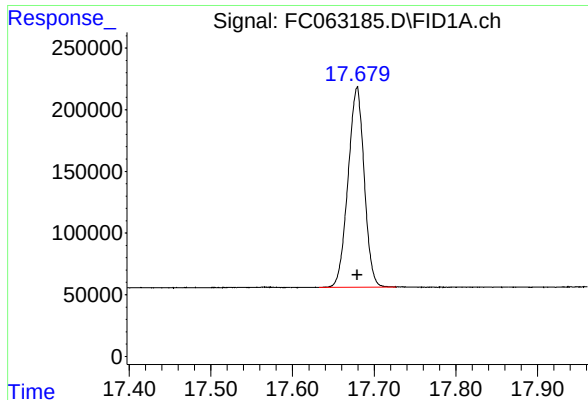
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: 0.000 min
Response: 2218027
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

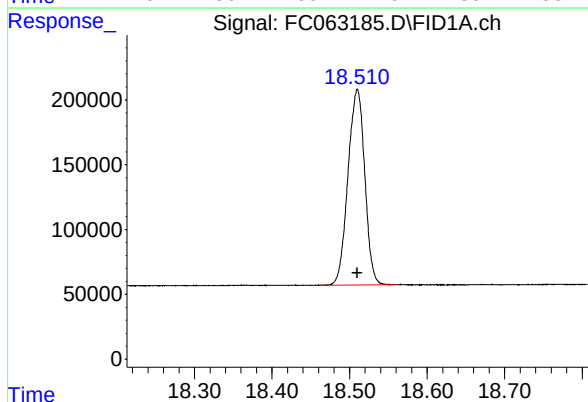
R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2210684
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

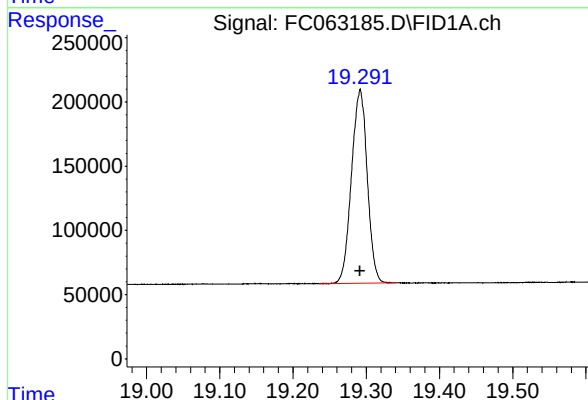
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 2233413
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



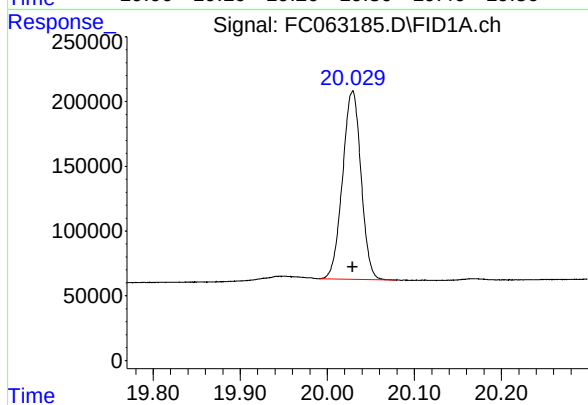
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 2267233
Conc: 20.00 ug/ml



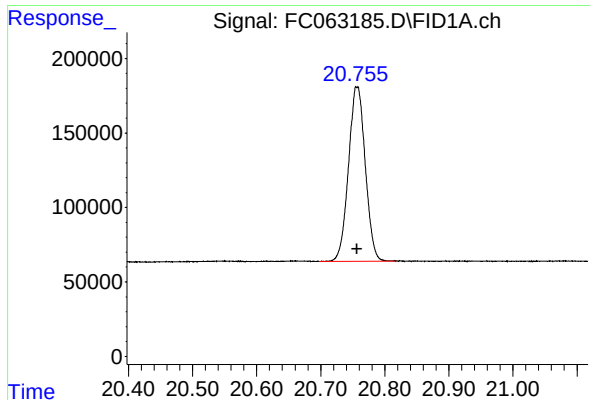
#19 n-Tetatriacontane (C34)

R.T.: 19.292 min
Delta R.T.: 0.000 min
Response: 2252618
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

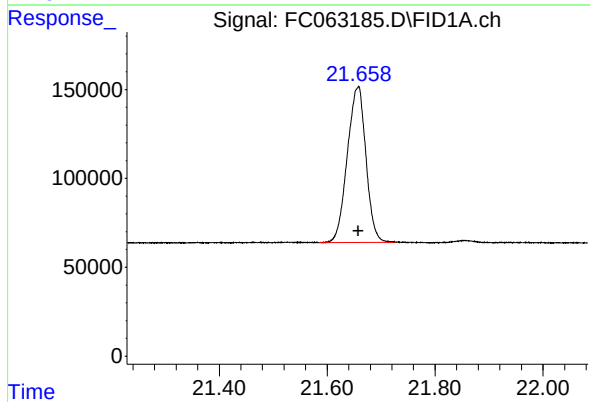
R.T.: 20.029 min
Delta R.T.: 0.000 min
Response: 2143910
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.000 min
Response: 2124590
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: 0.000 min
Response: 2095732
Conc: 20.00 ug/ml