



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

Lab Sample ID:	50 PPM ALIPHATIC HC 9	Acq On:	15 Mar 2023 17:15
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063184.D	Misc:	
Instrument:	FID_C	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.481	16969922.000	150.000	ug/ml
Aliphatic C12-C16	6.482	9.877	11168656.000	100.000	ug/ml
Aliphatic C16-C21	9.878	13.238	16538276.000	150.000	ug/ml
Aliphatic C21-C28	13.239	16.892	21391714.000	200.000	ug/ml
Aliphatic C28-C40	16.893	21.750	31297911.000	300.000	ug/ml
Aliphatic EPH	3.197		97366479.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063184.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 17:15
 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: Mar 16 01:25:22 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)	11.537	6147000	49.171 ug/ml
Spiked Amount 50.000		Recovery =	98.34%
12) S 1-chlorooctadecane (S...	12.974	4651389	49.358 ug/ml
Spiked Amount 50.000		Recovery =	98.72%
Target Compounds			
1) T n-Nonane (C9)	3.294	5742344	49.299 ug/ml
2) T n-Decane (C10)	4.364	5619041	49.333 ug/ml
3) T A~Naphthalene (C11.7)	5.947	6346586	49.552 ug/ml
4) T n-Dodecane (C12)	6.384	5608537	49.319 ug/ml
5) T A~2-methylnaphthalene...	7.006	5912212	49.682 ug/ml
6) T n-Tetradecane (C14)	8.179	5563508	49.544 ug/ml
7) T n-Hexadecane (C16)	9.781	5605148	49.416 ug/ml
8) T n-Octadecane (C18)	11.223	5633433	49.333 ug/ml
10) T n-Eicosane (C20)	12.530	5444755	49.226 ug/ml
11) T n-Heneicosane (C21)	13.143	5460088	49.279 ug/ml
13) T n-Docosane (C22)	13.727	5394339	49.274 ug/ml
14) T n-Tetracosane (C24)	14.830	5376127	49.236 ug/ml
15) T n-Hexacosane (C26)	15.849	5317188	49.248 ug/ml
16) T n-Octacosane (C28)	16.796	5304060	49.297 ug/ml
17) T n-Tricontane (C30)	17.683	5305647	49.134 ug/ml
18) T n-Dotriacontane (C32)	18.515	5368208	49.099 ug/ml
19) T n-Tetratriacontane (C34)	19.296	5356948	49.147 ug/ml
20) T n-Hexatriacontane (C36)	20.033	5108053	49.078 ug/ml
21) T n-Octatriacontane (C38)	20.763	5098051	49.228 ug/ml
22) T n-Tetracontane (C40)	21.665	5061004	49.327 ug/ml

(f)=RT Delta > 1/2 Window

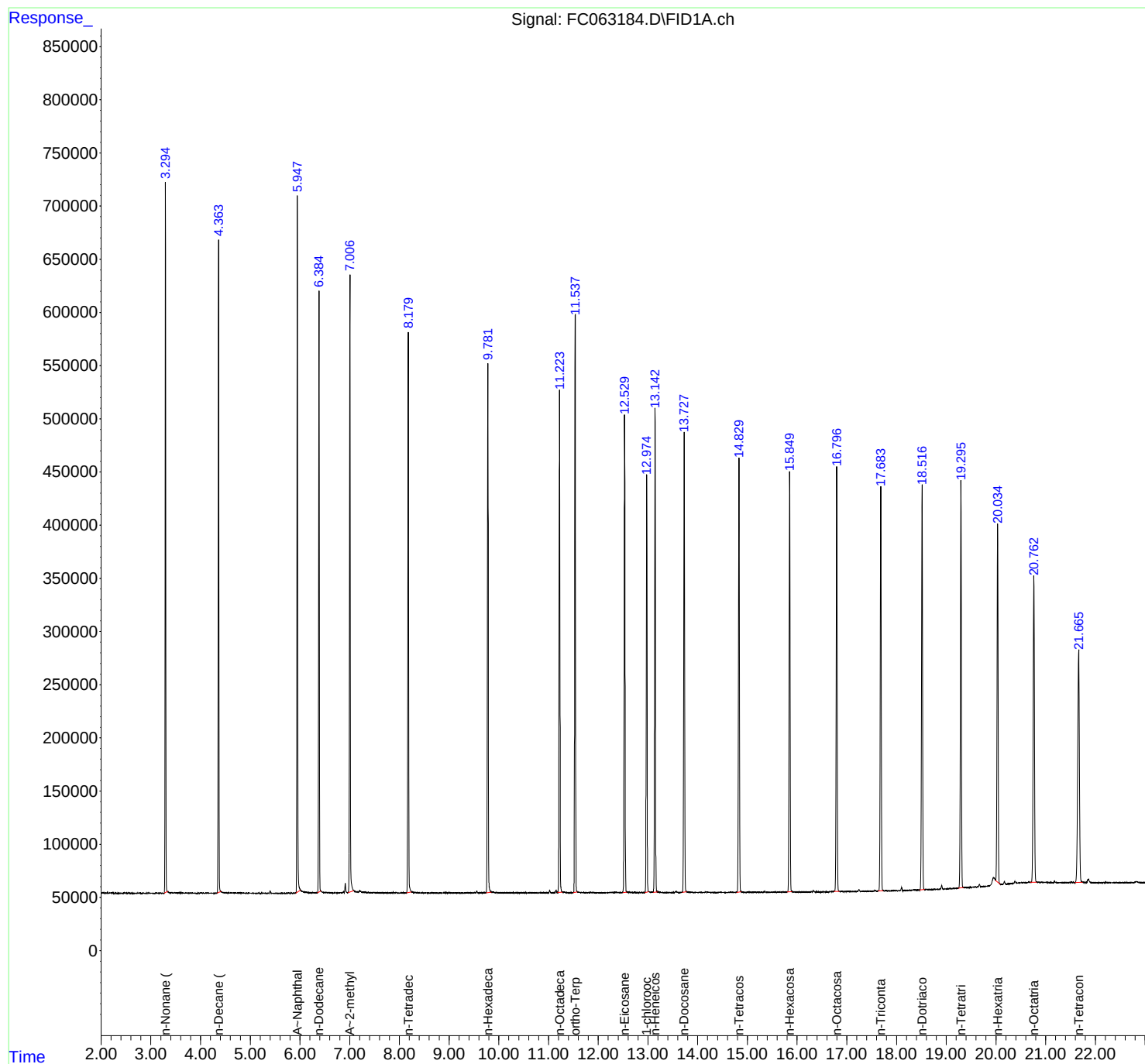
(m)=manual int.

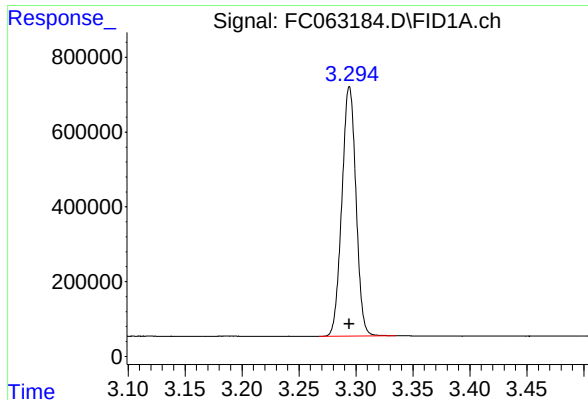
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063184.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 17:15
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 16 01:25:22 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

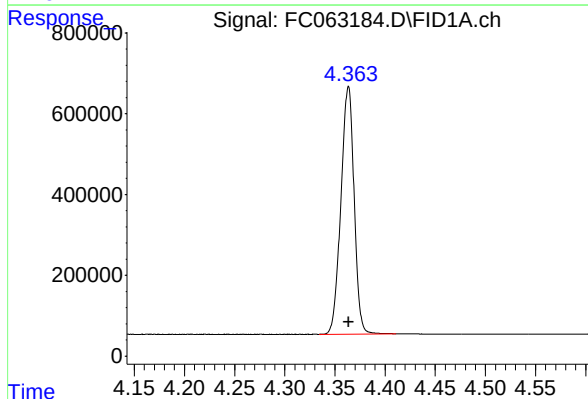




#1 n-Nonane (C9)

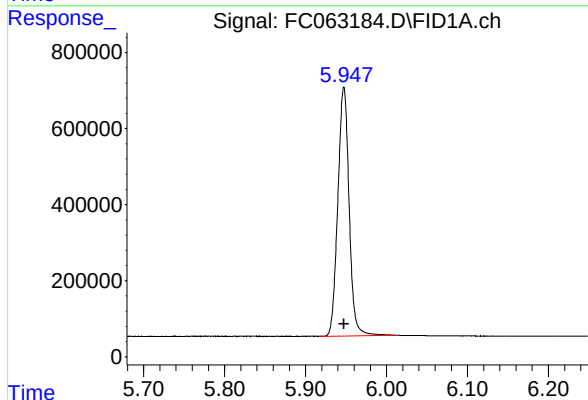
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 5742344
Conc: 49.30 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



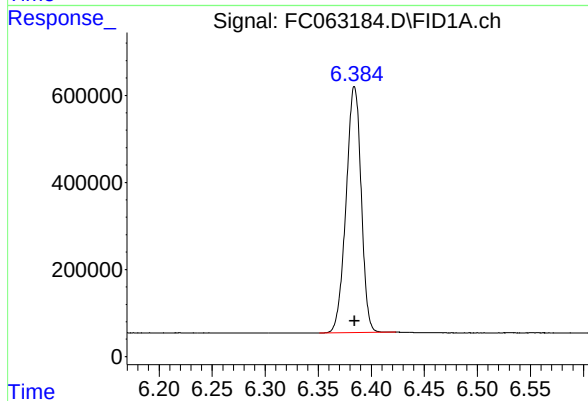
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 5619041
Conc: 49.33 ug/ml



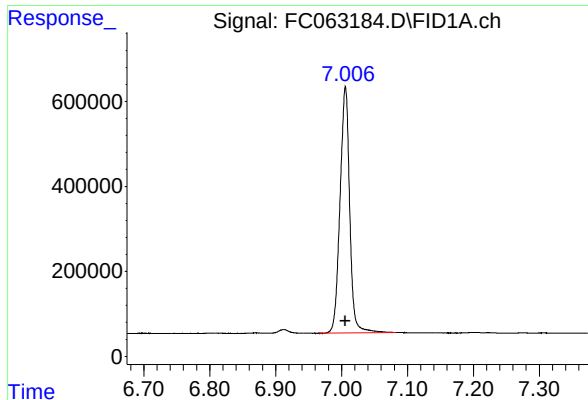
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 6346586
Conc: 49.55 ug/ml



#4 n-Dodecane (C12)

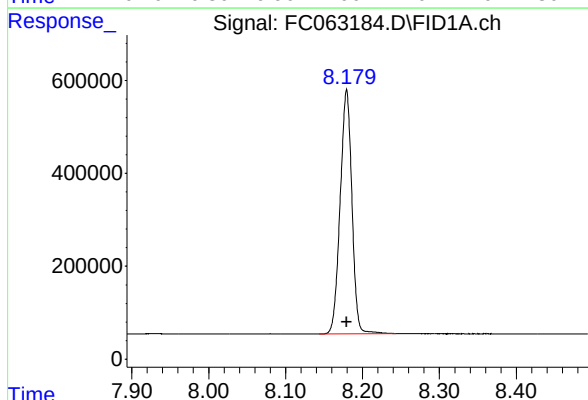
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 5608537
Conc: 49.32 ug/ml



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

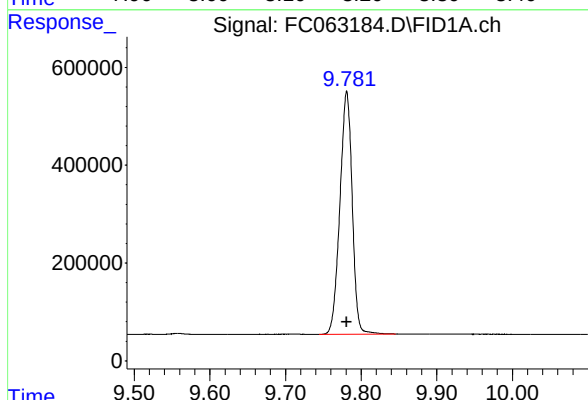
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 5912212
Conc: 49.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



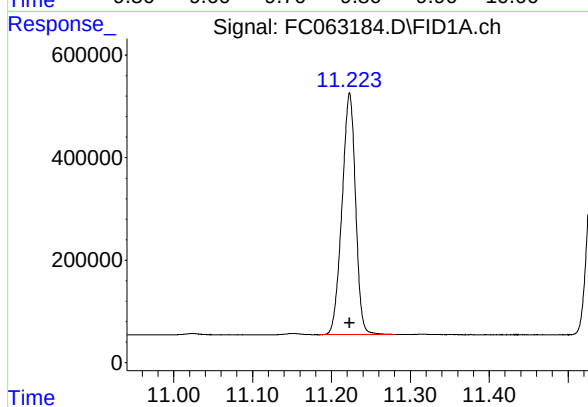
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 5563508
Conc: 49.54 ug/ml



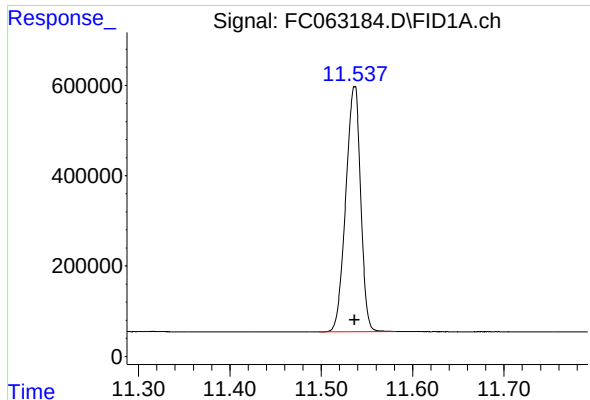
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 5605148
Conc: 49.42 ug/ml



#8 n-Octadecane (C18)

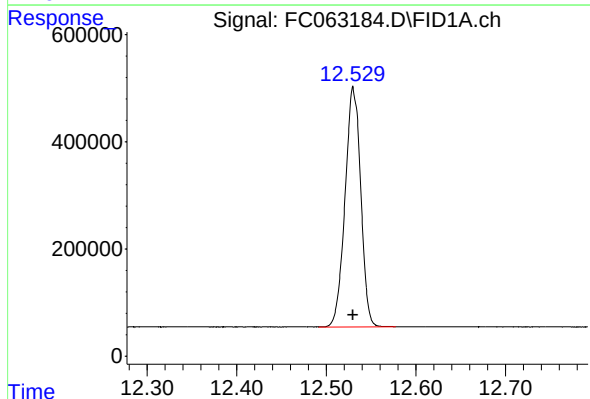
R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 5633433
Conc: 49.33 ug/ml



#9 ortho-Terphenyl (SURR)

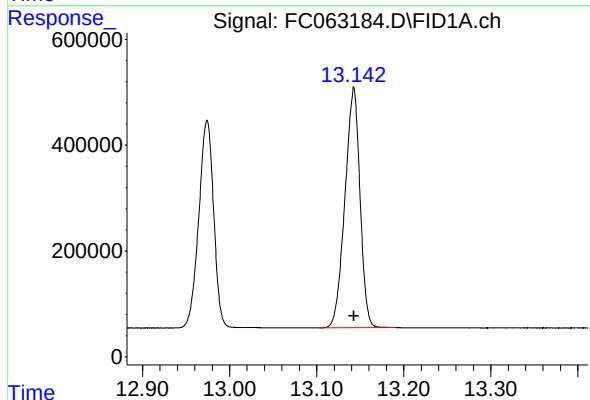
R.T.: 11.537 min
Delta R.T.: 0.000 min
Response: 6147000
Conc: 49.17 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



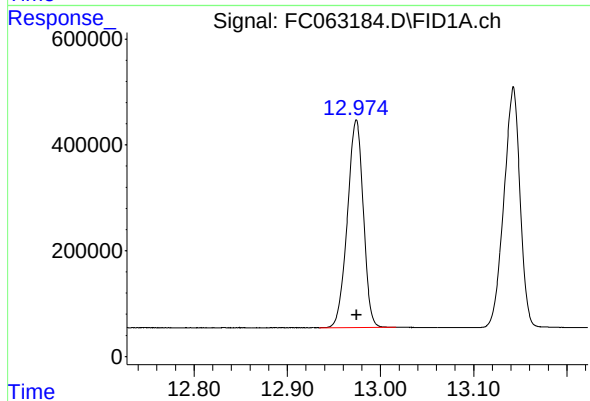
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.000 min
Response: 5444755
Conc: 49.23 ug/ml



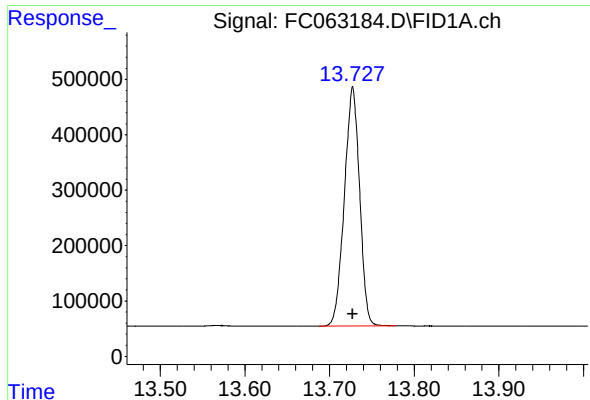
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 5460088
Conc: 49.28 ug/ml



#12 1-chlorooctadecane (SURR)

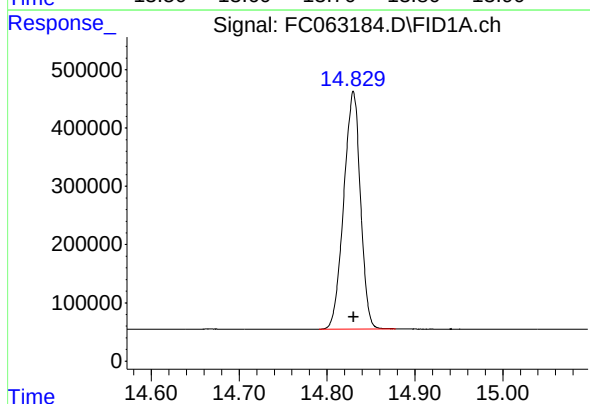
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 4651389
Conc: 49.36 ug/ml



#13 n-Docosane (C22)

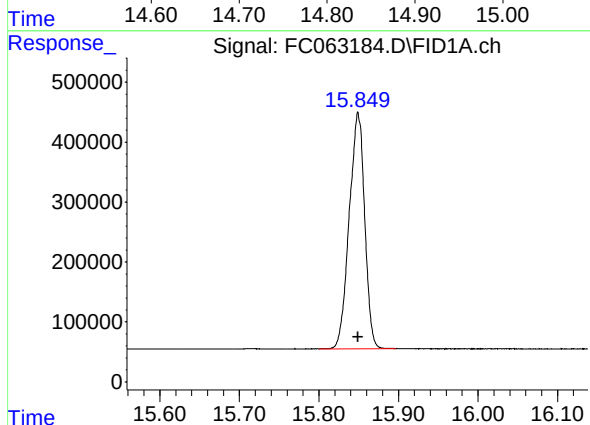
R.T.: 13.727 min
Delta R.T.: 0.000 min
Response: 5394339
Conc: 49.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



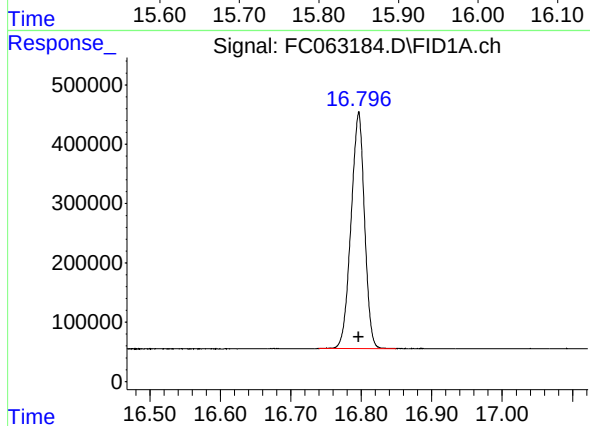
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: 0.000 min
Response: 5376127
Conc: 49.24 ug/ml



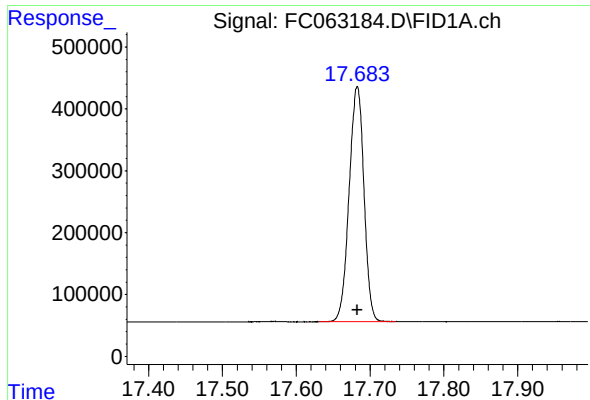
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: 0.000 min
Response: 5317188
Conc: 49.25 ug/ml



#16 n-Octacosane (C28)

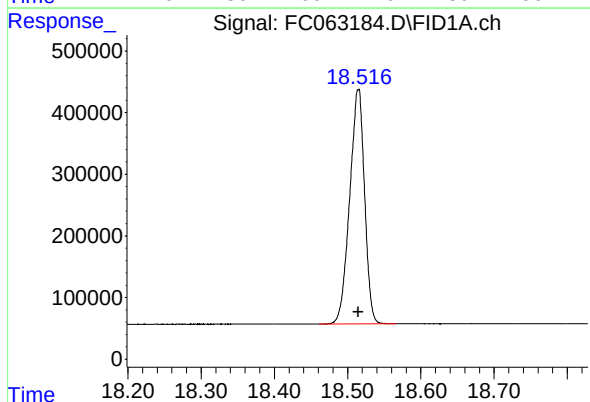
R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 5304060
Conc: 49.30 ug/ml



#17 n-Tricontane (C30)

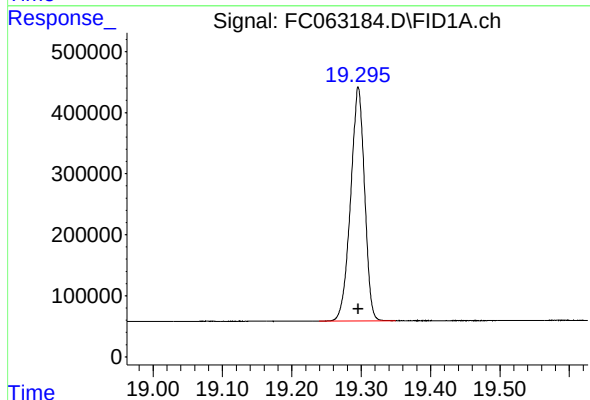
R.T.: 17.683 min
Delta R.T.: 0.000 min
Response: 5305647
Conc: 49.13 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



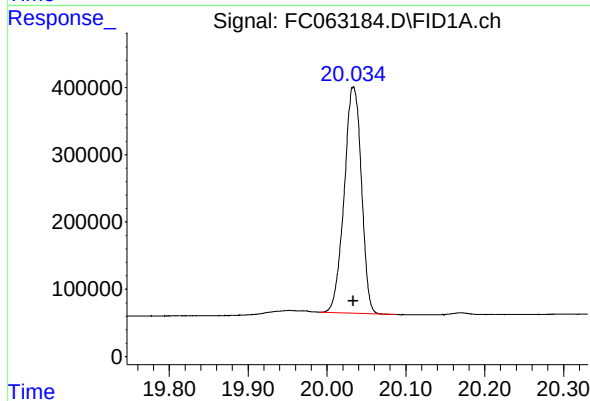
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: 0.000 min
Response: 5368208
Conc: 49.10 ug/ml



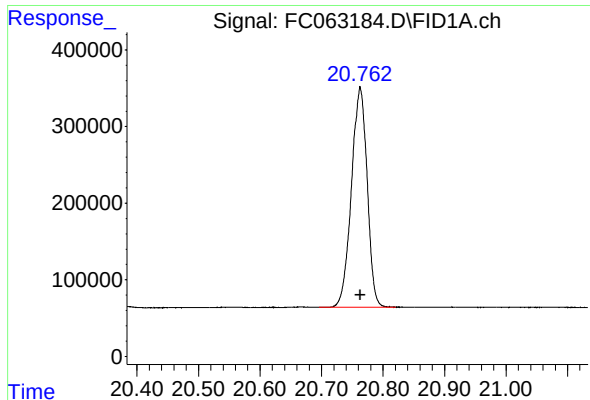
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: 0.000 min
Response: 5356948
Conc: 49.15 ug/ml



#20 n-Hexatriacontane (C36)

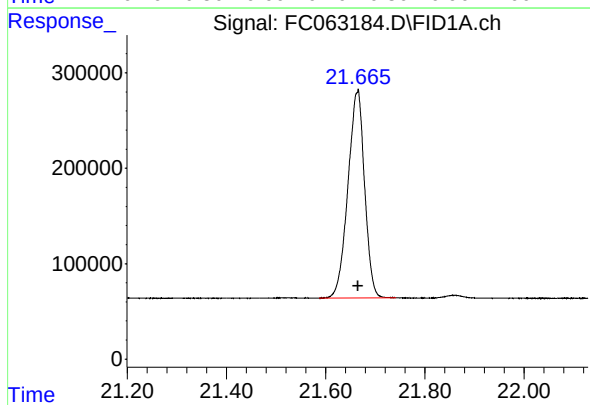
R.T.: 20.033 min
Delta R.T.: 0.000 min
Response: 5108053
Conc: 49.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: 0.000 min
Response: 5098051
Conc: 49.23 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: 0.000 min
Response: 5061004
Conc: 49.33 ug/ml