



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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	20 PPM ALIPHATIC HC S'	Acq On:	15 Mar 2023 20:31
Client Sample ID:	20 PPM ALIPHATIC HC S'	Operator:	YP/AJ
Data file:	FC063188.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.197	6.481	10079014	84.904	300	ug/ml
Aliphatic C12-C16	6.482	9.877	7285169	62.904	200	ug/ml
Aliphatic C16-C21	9.878	13.238	7213642	62.065	300	ug/ml
Aliphatic C21-C28	13.239	16.892	9348413	82.612	400	ug/ml
Aliphatic C28-C40	16.893	21.750	13979866	125.643	600	ug/ml
Aliphatic EPH	3.197	21.750	47906104	418.128		ug/ml
ortho-Terphenyl (SURR)	11.532	11.532	2699863	20.62		ug/ml
1-chlorooctadecane (SURR)	12.970	12.970	2007329	20.8		ug/ml
Aliphatic C9-C28	3.197	16.892	33926238	292.485	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063188.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 20:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 16 01:33:15 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)	11.532	2699863	20.622 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	12.970	2007329	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.293	2507735	20.732 ug/ml
2) T n-Decane (C10)	4.361	2442825	20.761 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2690416	20.894 ug/ml
4) T n-Dodecane (C12)	6.381	2438038	20.748 ug/ml
5) T A~2-methylnaphthalene...	7.003	2485372	21.131 ug/ml
6) T n-Tetradecane (C14)	8.176	2380165	20.674 ug/ml
7) T n-Hexadecane (C16)	9.778	2419632	20.769 ug/ml
8) T n-Octadecane (C18)	11.219	2450350	20.726 ug/ml
10) T n-Eicosane (C20)	12.528	2380330	20.663 ug/ml
11) T n-Heneicosane (C21)	13.138	2382962	20.675 ug/ml
13) T n-Docosane (C22)	13.724	2353385	20.667 ug/ml
14) T n-Tetracosane (C24)	14.824	2349267	20.663 ug/ml
15) T n-Hexacosane (C26)	15.844	2323173	20.644 ug/ml
16) T n-Octacosane (C28)	16.792	2322588	20.638 ug/ml
17) T n-Tricontane (C30)	17.678	2346112	20.627 ug/ml
18) T n-Dotriacontane (C32)	18.509	2393242	20.685 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2389688	20.790 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2300017	21.049 ug/ml
21) T n-Octatriacontane (C38)	20.757	2293378	21.225 ug/ml
22) T n-Tetracontane (C40)	21.653	2257429	21.317 ug/ml

(f)=RT Delta > 1/2 Window

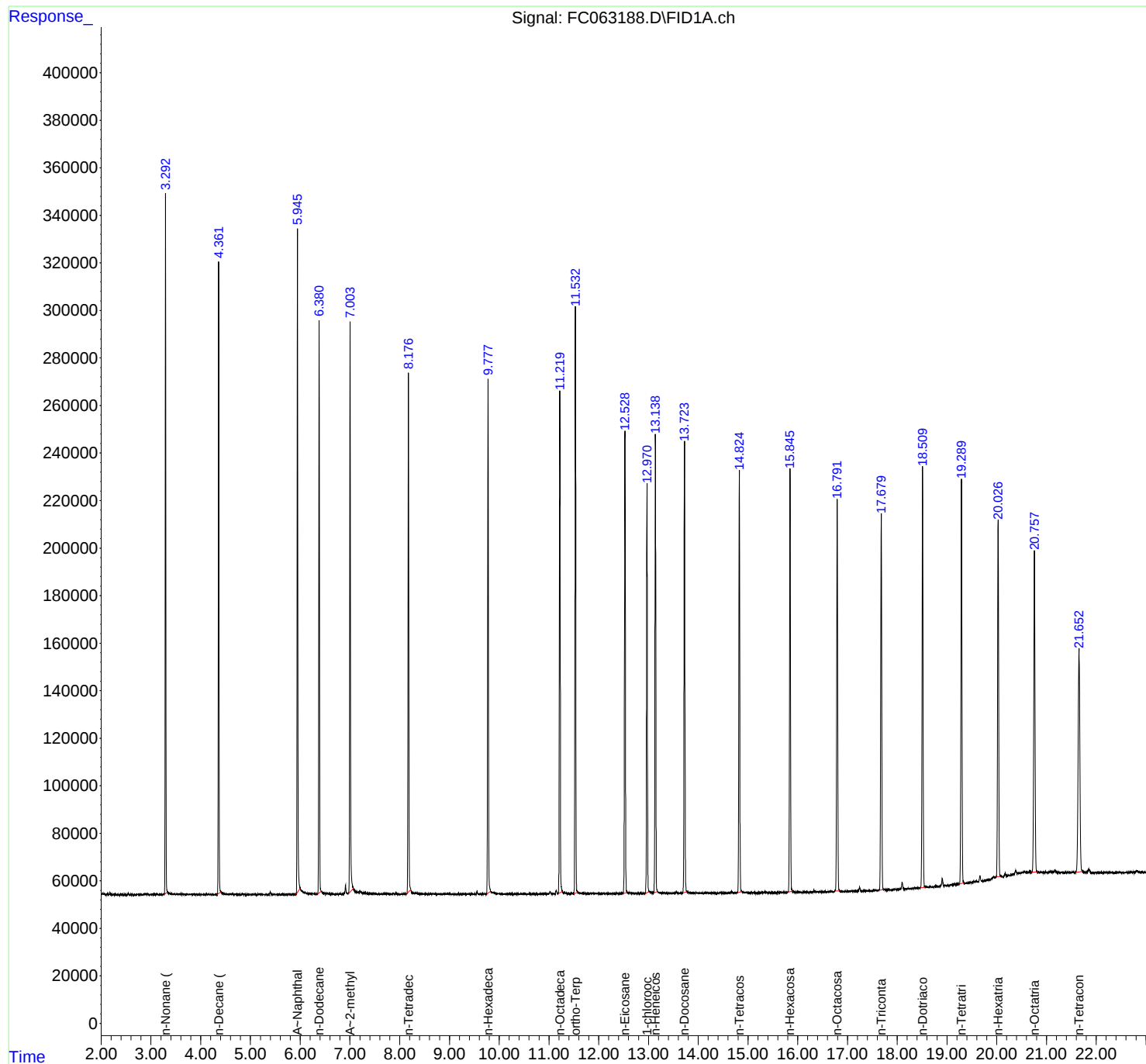
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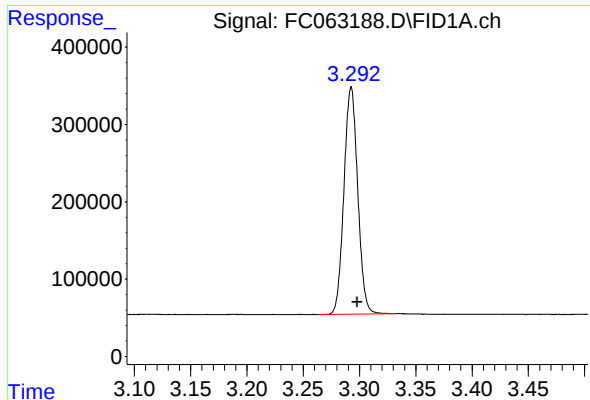
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063188.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 20:31
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 16 01:33:15 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)

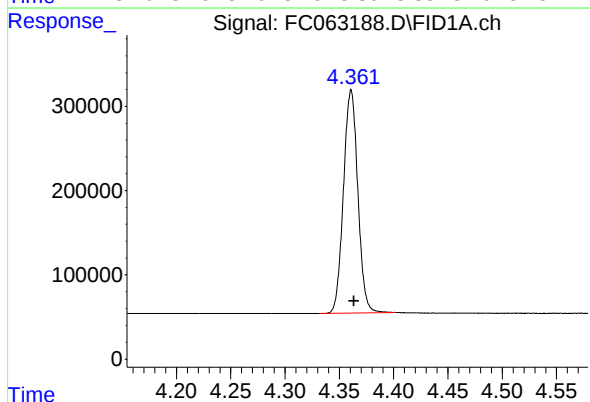
R.T.: 3.293 min
Delta R.T.: -0.005 min
Response: 2507735
Conc: 20.73 ug/ml

Instrument :

FID_C

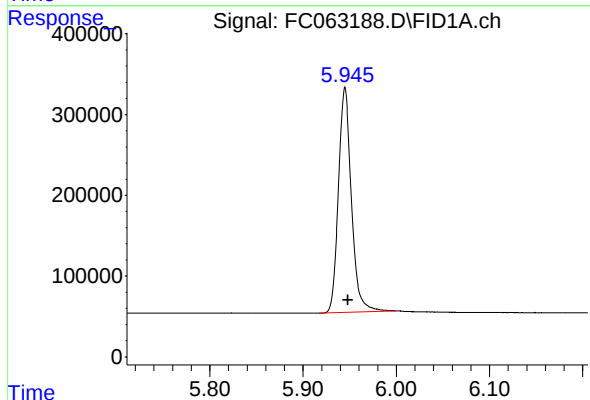
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



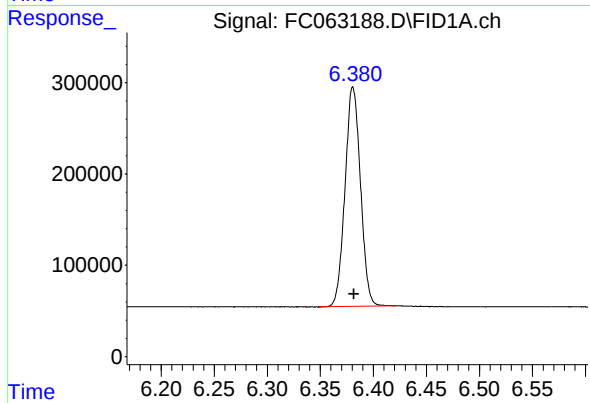
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 2442825
Conc: 20.76 ug/ml



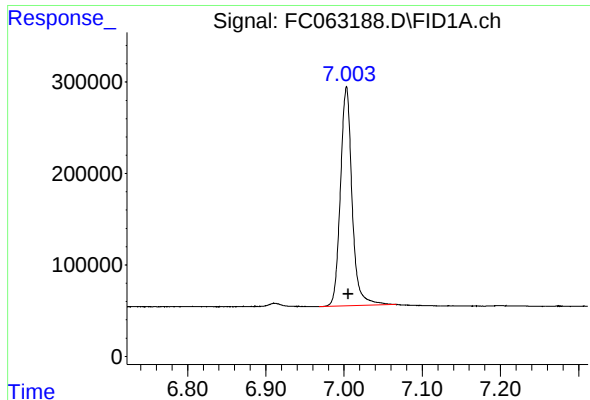
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 2690416
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2438038
Conc: 20.75 ug/ml



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

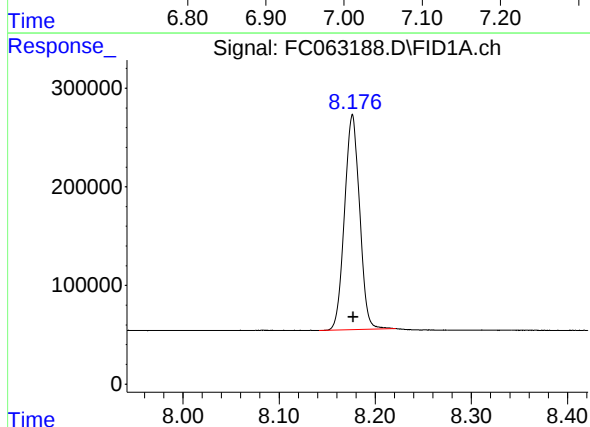
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 2485372
Conc: 21.13 ug/ml

Instrument :

FID_C

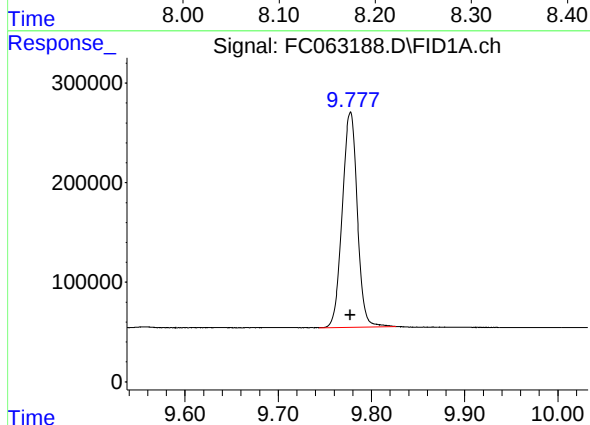
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



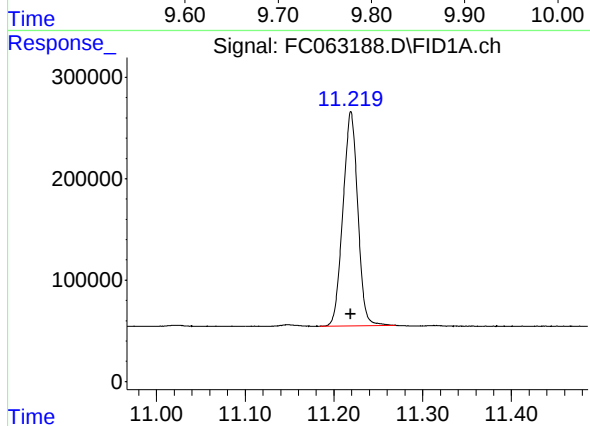
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2380165
Conc: 20.67 ug/ml



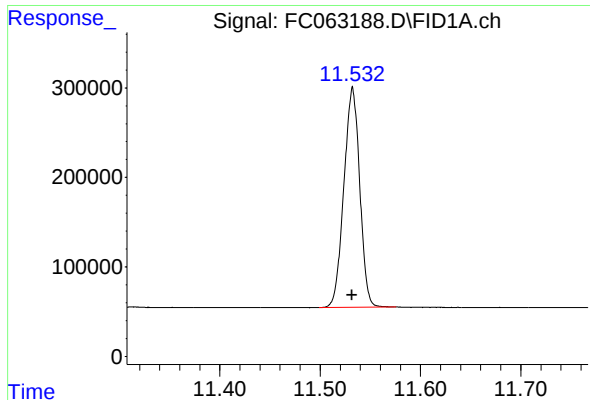
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2419632
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: 0.000 min
Response: 2450350
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

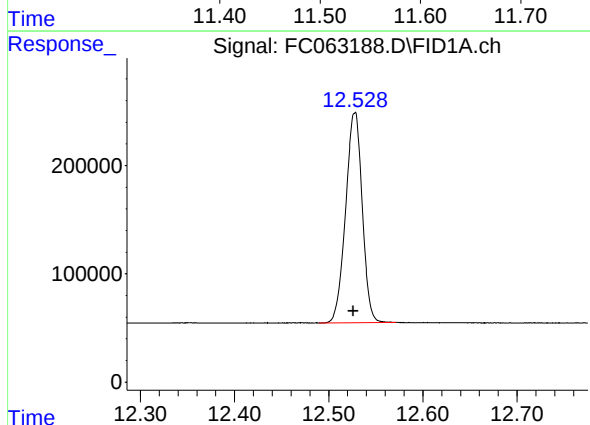
R.T.: 11.532 min
Delta R.T.: 0.000 min
Response: 2699863
Conc: 20.62 ug/ml

Instrument :

FID_C

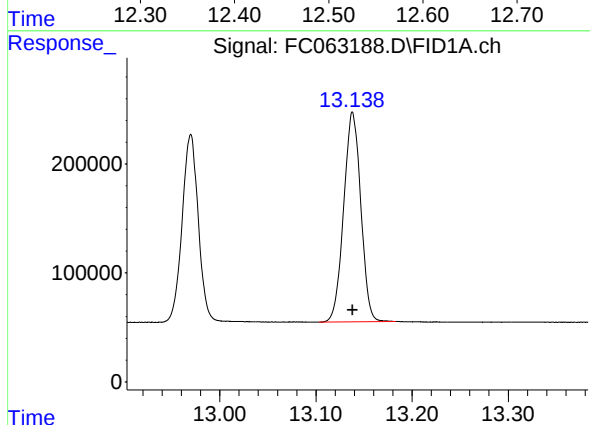
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



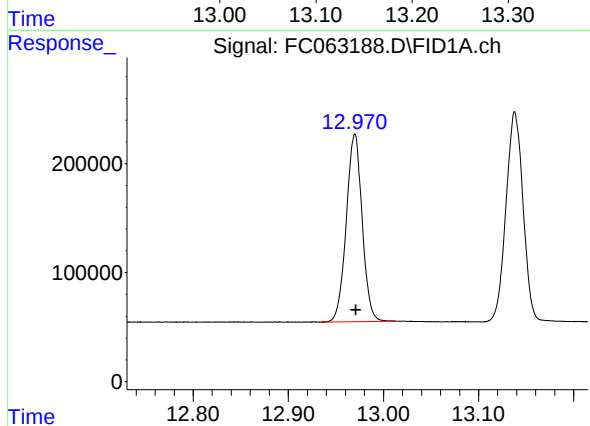
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.002 min
Response: 2380330
Conc: 20.66 ug/ml



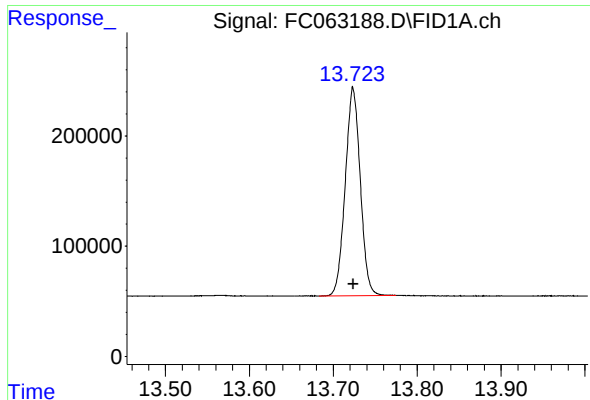
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2382962
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

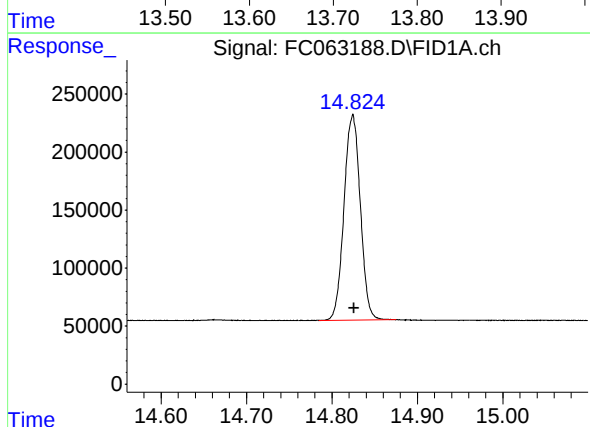
R.T.: 12.970 min
Delta R.T.: -0.001 min
Response: 2007329
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

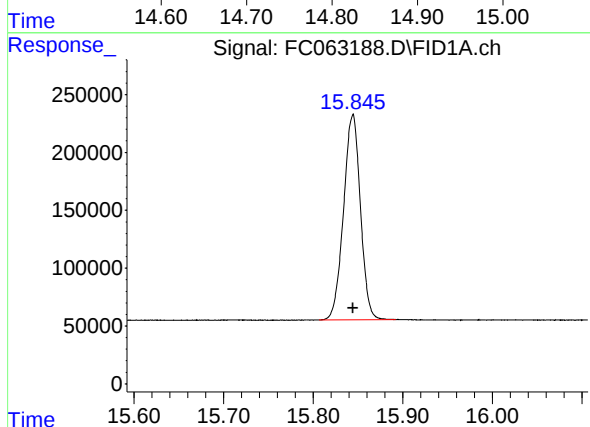
R.T.: 13.724 min
Delta R.T.: 0.000 min
Response: 2353385
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



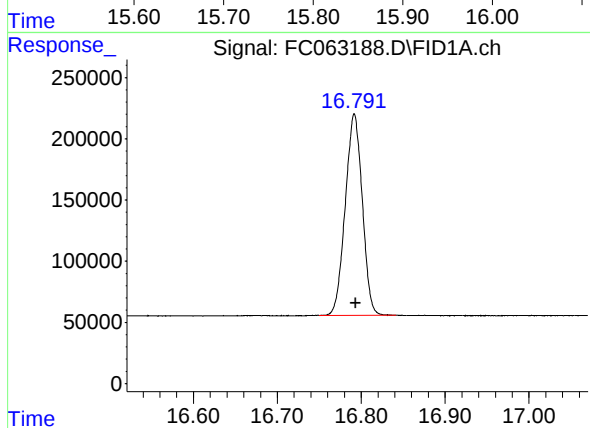
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.001 min
Response: 2349267
Conc: 20.66 ug/ml



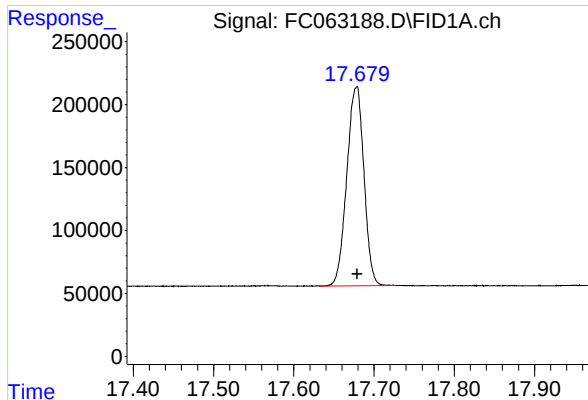
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.000 min
Response: 2323173
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

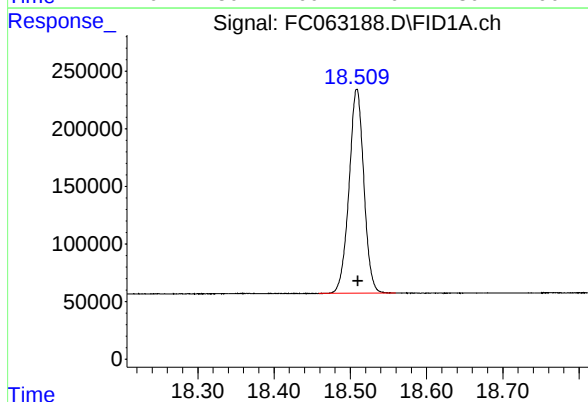
R.T.: 16.792 min
Delta R.T.: -0.002 min
Response: 2322588
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

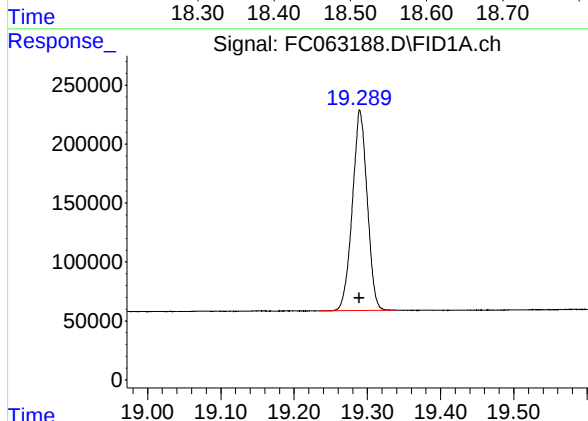
R.T.: 17.678 min
Delta R.T.: 0.000 min
Response: 2346112
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



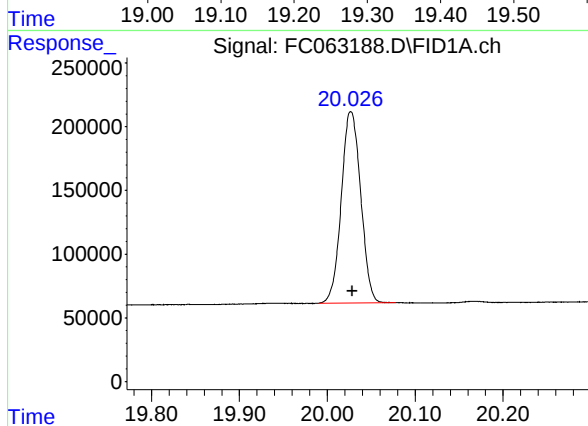
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.002 min
Response: 2393242
Conc: 20.68 ug/ml



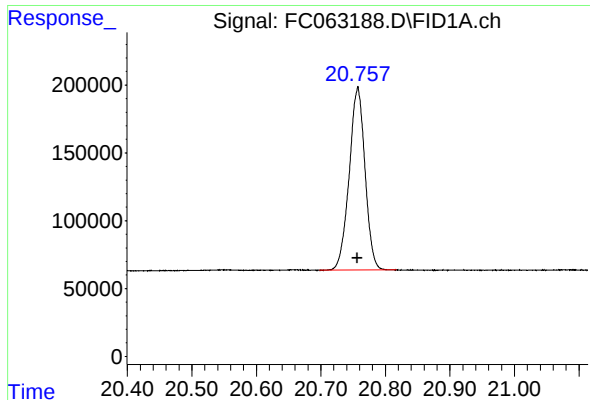
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 2389688
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.027 min
Delta R.T.: -0.002 min
Response: 2300017
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

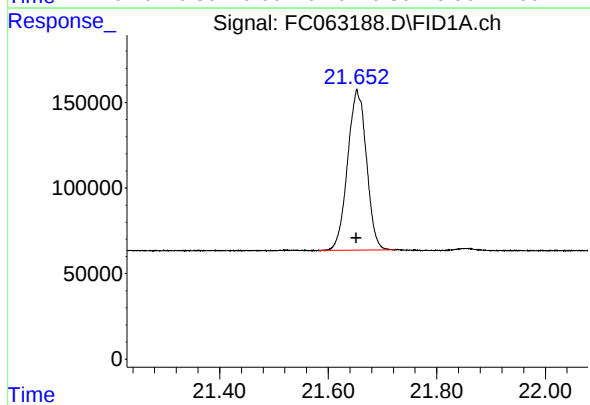
R.T.: 20.757 min
Delta R.T.: 0.001 min
Response: 2293378
Conc: 21.23 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: 0.001 min
Response: 2257429
Conc: 21.32 ug/ml