



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:	05 May 2023 17:46
Client Sample ID:	20 PPM ALIPHATIC HC S'	Operator:	YP/AJ
Data file:	FC063568.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	3.200	6.480	13634457	84.389	300	ug/ml
Aliphatic C12-C16	6.481	9.871	10118687	63.568	200	ug/ml
Aliphatic C16-C21	9.872	13.228	9507644	62.22	300	ug/ml
Aliphatic C21-C28	13.229	16.879	11354380	82.01	400	ug/ml
Aliphatic C28-C40	16.880	21.727	15497231	120.833	600	ug/ml
Aliphatic EPH	3.200	21.727	60112399	413.021		ug/ml
ortho-Terphenyl (SURR)	11.526	11.526	3862247	20.61		ug/ml
1-chlorooctadecane (SURR)	12.963	12.963	2708573	20.68		ug/ml
Aliphatic C9-C28	3.200	16.879	44615168	292.187	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063568.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 17:46
 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: May 05 18:21:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.526	3862247	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	12.963	2708573	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.300	3323674	20.760 ug/ml
2) T n-Decane (C10)	4.364	3362490	20.780 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3563132	20.986 ug/ml
4) T n-Dodecane (C12)	6.381	3385161	20.795 ug/ml
5) T A~2-methylnaphthalene...	7.003	3443354	21.289 ug/ml
6) T n-Tetradecane (C14)	8.175	3310159	20.959 ug/ml
7) T n-Hexadecane (C16)	9.773	3365174	20.976 ug/ml
8) T n-Octadecane (C18)	11.212	3344467	20.882 ug/ml
10) T n-Eicosane (C20)	12.520	3131743	20.642 ug/ml
11) T n-Heneicosane (C21)	13.129	3031434	20.686 ug/ml
13) T n-Docosane (C22)	13.715	2972556	20.600 ug/ml
14) T n-Tetracosane (C24)	14.816	2885777	20.515 ug/ml
15) T n-Hexacosane (C26)	15.834	2798750	20.493 ug/ml
16) T n-Octacosane (C28)	16.781	2697297	20.393 ug/ml
17) T n-Tricontane (C30)	17.664	2697392	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.493	2638590	19.762 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2587768	19.935 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2498101	20.172 ug/ml
21) T n-Octatriacontane (C38)	20.738	2529515	20.243 ug/ml
22) T n-Tetracontane (C40)	21.627	2545865	20.710 ug/ml

(f)=RT Delta > 1/2 Window

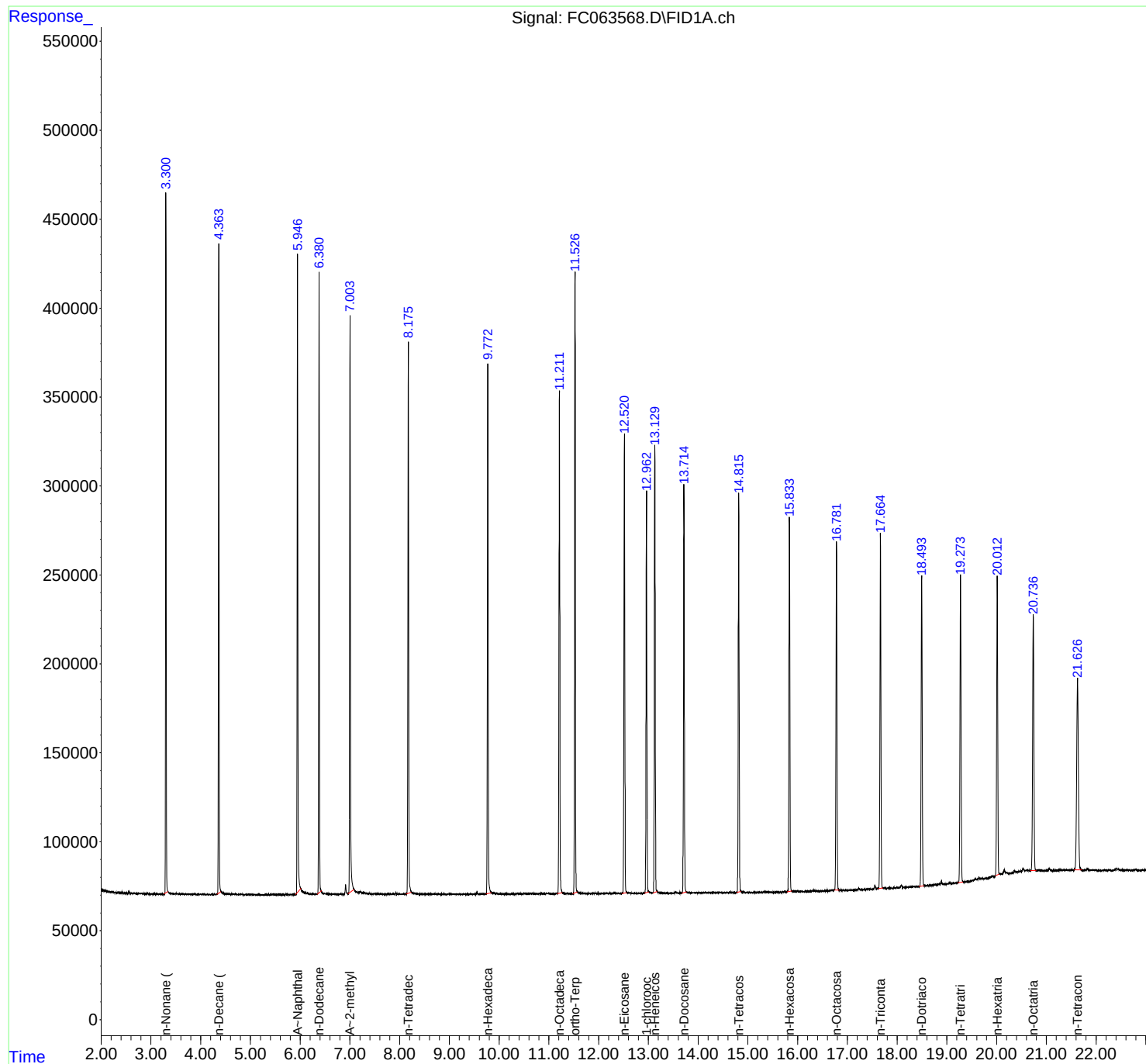
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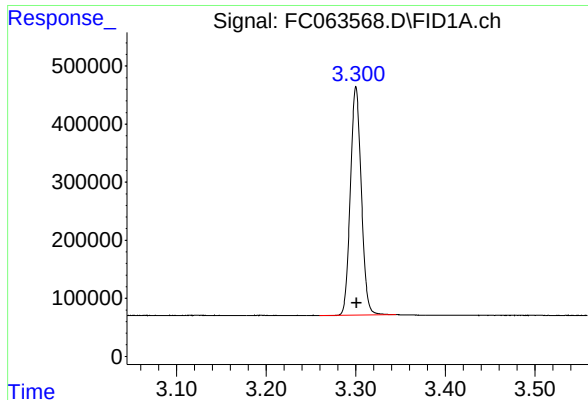
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Data File : FC063568.D
Signal(s) : FID1A.ch
Acq On : 05 May 2023 17:46
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 05 18:21:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:15:25 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)

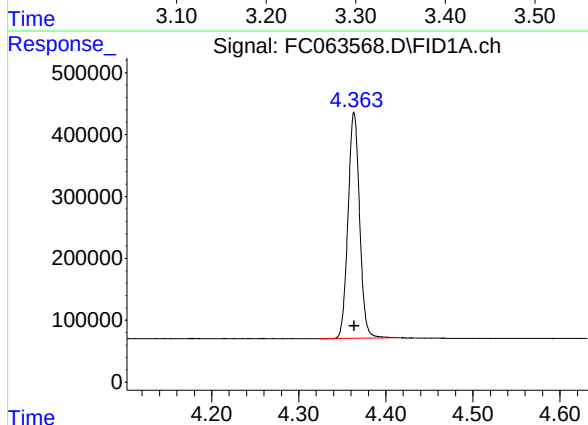
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 3323674
Conc: 20.76 ug/ml

Instrument :

FID_C

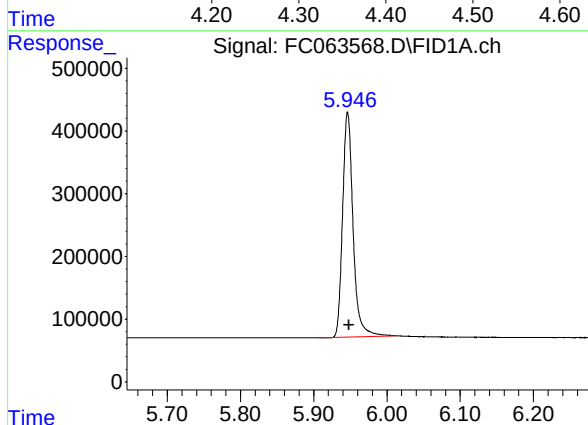
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



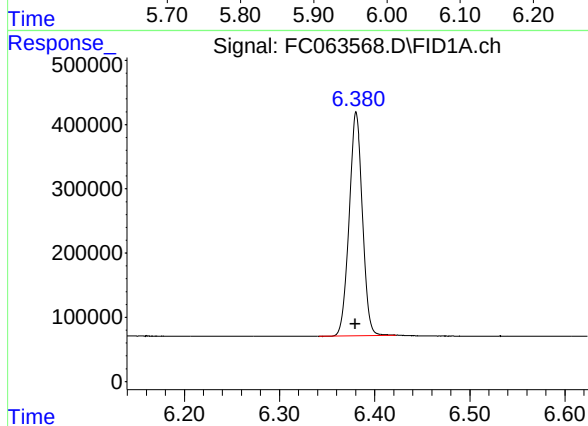
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 3362490
Conc: 20.78 ug/ml



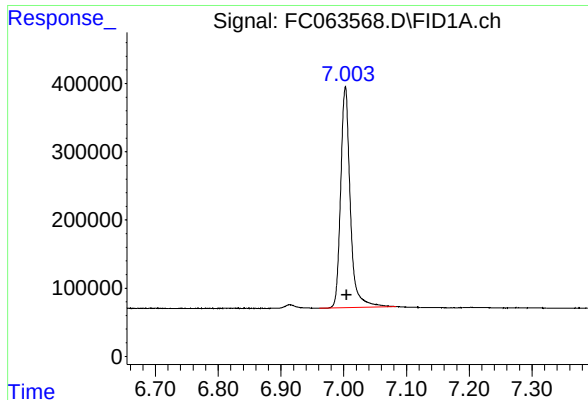
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 3563132
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 3385161
Conc: 20.80 ug/ml



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

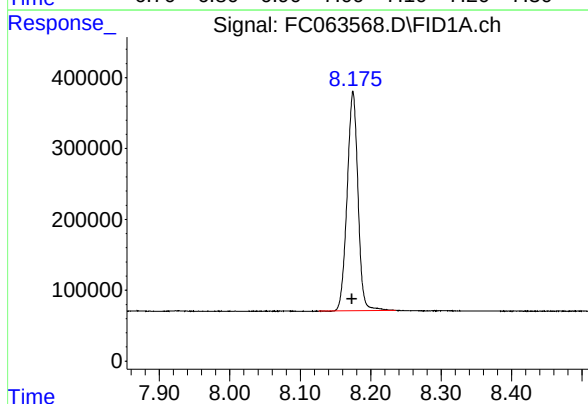
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 3443354
Conc: 21.29 ug/ml

Instrument :

FID_C

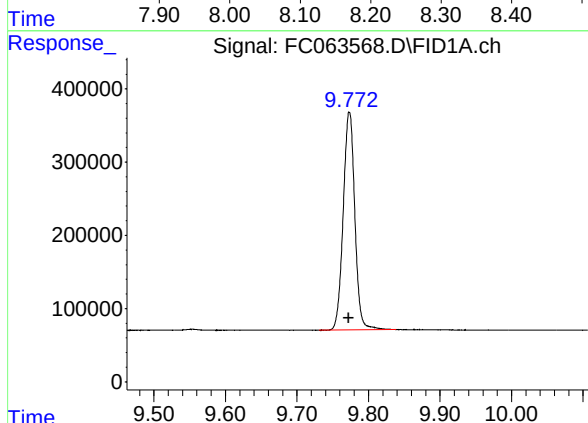
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



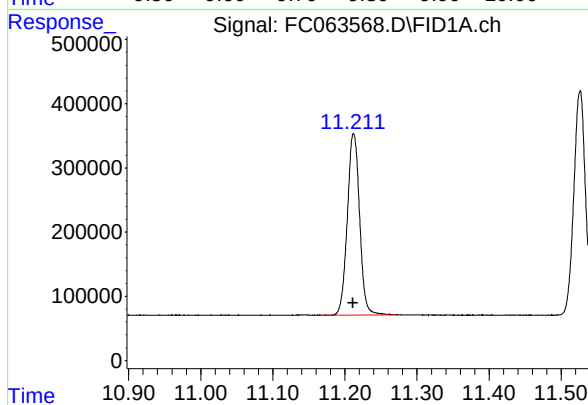
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.001 min
Response: 3310159
Conc: 20.96 ug/ml



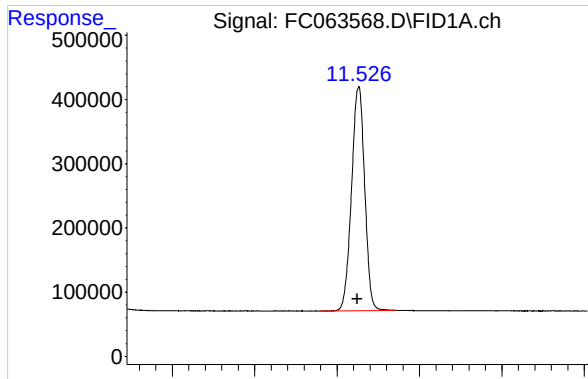
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.001 min
Response: 3365174
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.001 min
Response: 3344467
Conc: 20.88 ug/ml



#9 ortho-Terphenyl (SURR)

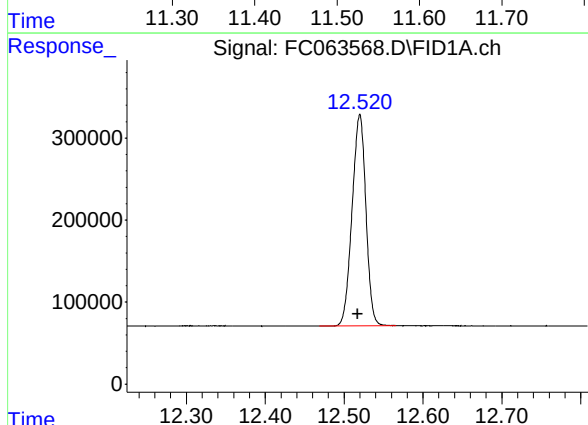
R.T.: 11.526 min
Delta R.T.: 0.002 min
Response: 3862247
Conc: 20.61 ug/ml

Instrument :

FID_C

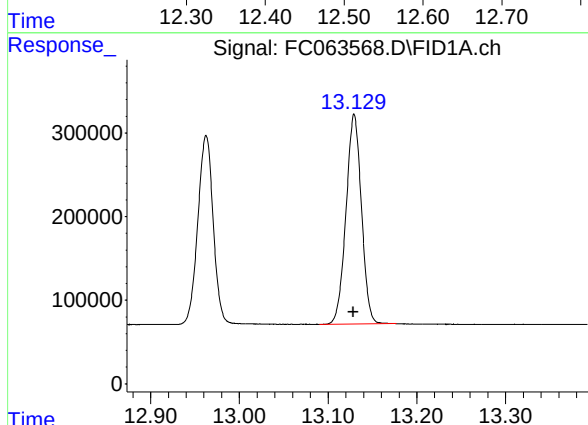
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20 PPM ALIPHATIC HC STD ICV



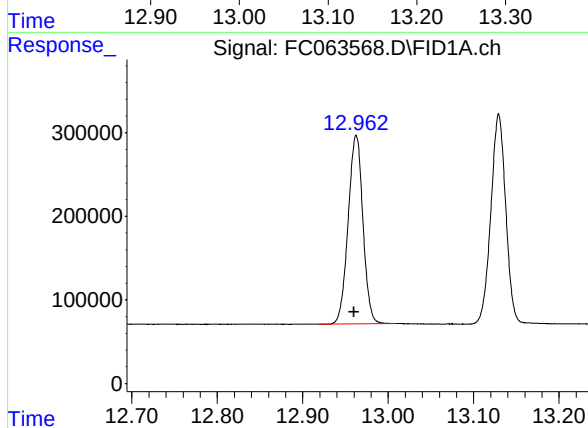
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.003 min
Response: 3131743
Conc: 20.64 ug/ml



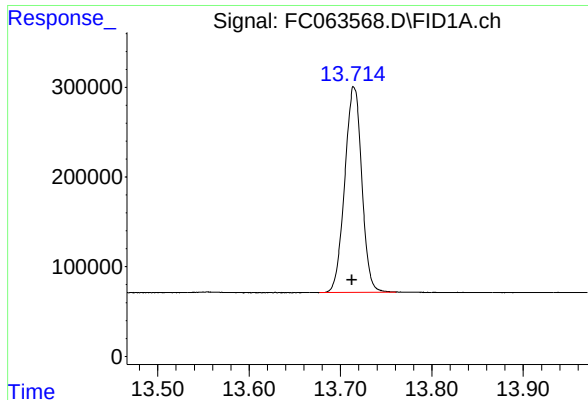
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.001 min
Response: 3031434
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 2708573
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

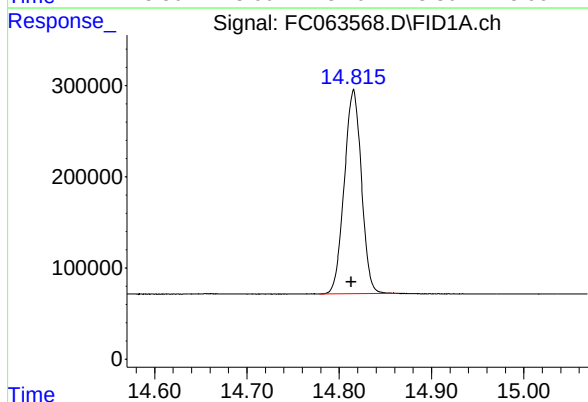
R.T.: 13.715 min
Delta R.T.: 0.002 min
Response: 2972556
Conc: 20.60 ug/ml

Instrument :

FID_C

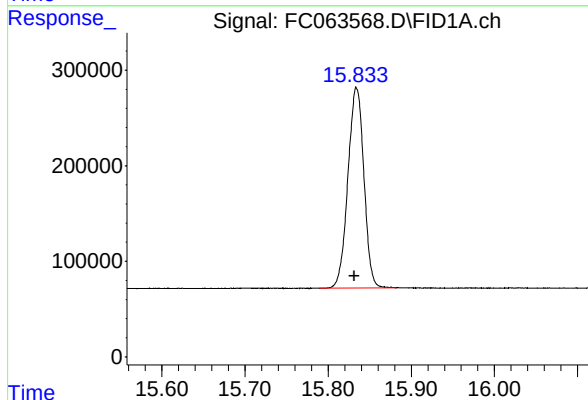
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



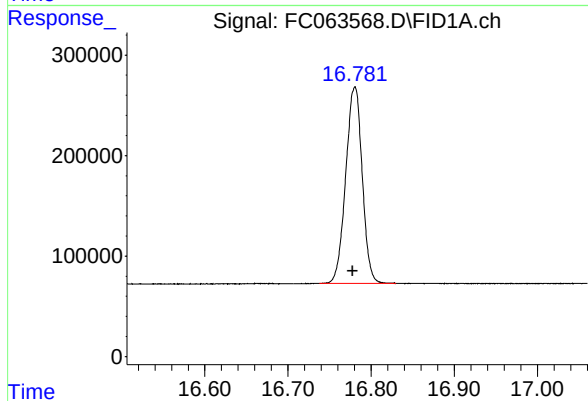
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.002 min
Response: 2885777
Conc: 20.52 ug/ml



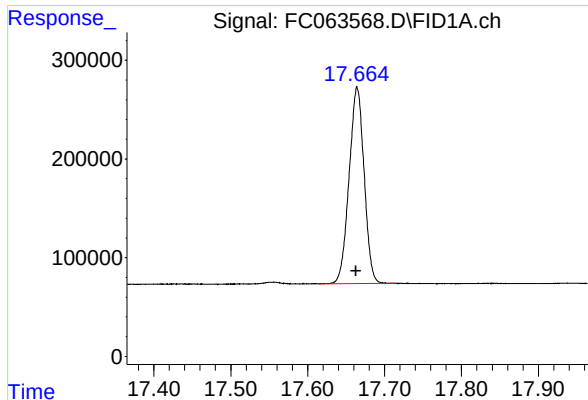
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.003 min
Response: 2798750
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: 0.003 min
Response: 2697297
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

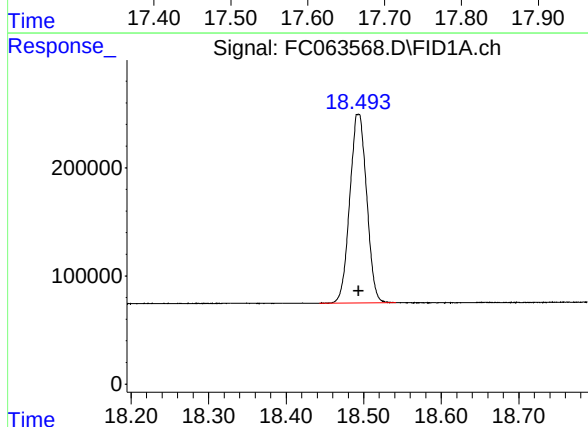
R.T.: 17.664 min
Delta R.T.: 0.002 min
Response: 2697392
Conc: 20.06 ug/ml

Instrument :

FID_C

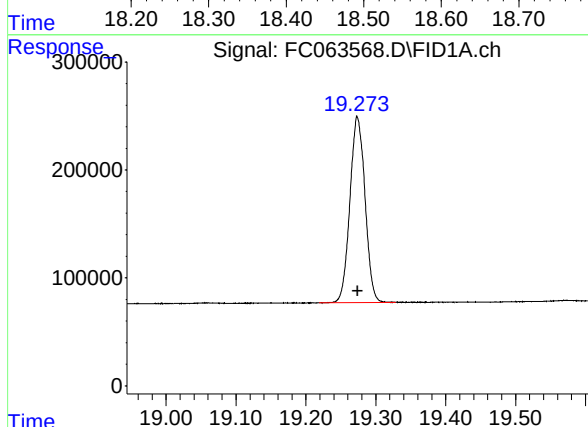
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



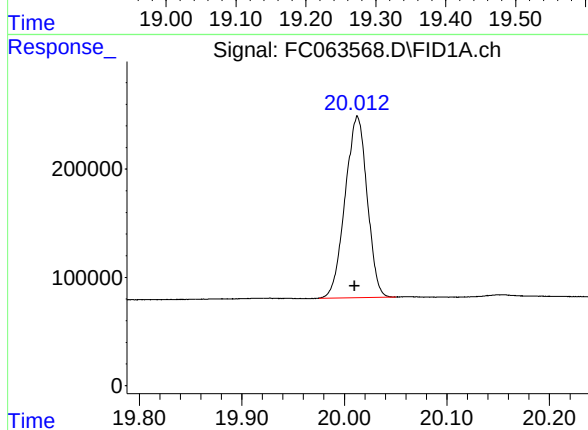
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2638590
Conc: 19.76 ug/ml



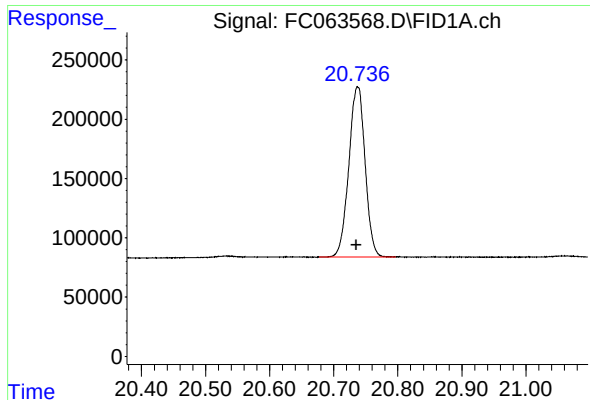
#19 n-Tetatriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.000 min
Response: 2587768
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: 0.003 min
Response: 2498101
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

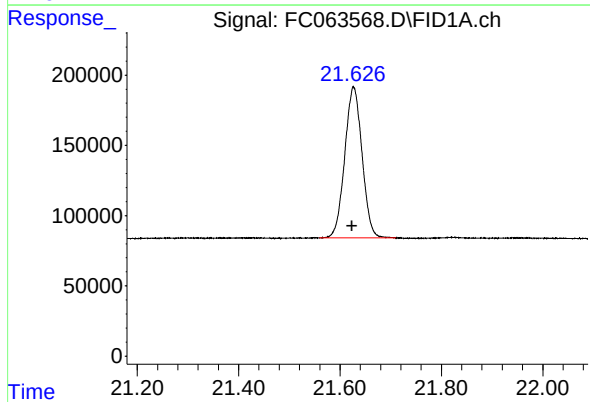
R.T.: 20.738 min
Delta R.T.: 0.002 min
Response: 2529515
Conc: 20.24 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.003 min
Response: 2545865
Conc: 20.71 ug/ml