



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

Lab Sample ID:	5 PPM ALIPHATIC HC S	Acq On:	15 Mar 2023 19:43
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063187.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.481	1933604.000	15.000	ug/ml
Aliphatic C12-C16	6.482	9.877	1234128.000	10.000	ug/ml
Aliphatic C16-C21	9.878	13.238	1901638.000	15.000	ug/ml
Aliphatic C21-C28	13.239	16.892	2478846.000	20.000	ug/ml
Aliphatic C28-C40	16.893	21.750	3712097.000	30.000	ug/ml
Aliphatic EPH	3.197		11260313.000	90.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063187.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 19:43
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 16 01:29:56 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)	11.532	726214	5.547 ug/ml
Spiked Amount 50.000		Recovery =	11.09%
12) S 1-chlorooctadecane (S...	12.971	509550	5.281 ug/ml
Spiked Amount 50.000		Recovery =	10.56%
Target Compounds			
1) T n-Nonane (C9)	3.298	661831	5.471 ug/ml
2) T n-Decane (C10)	4.363	636690	5.411 ug/ml
3) T A~Naphthalene (C11.7)	5.948	659166	5.119 ug/ml
4) T n-Dodecane (C12)	6.382	635083	5.405 ug/ml
5) T A~2-methylnaphthalene...	7.005	569144	4.839 ug/ml
6) T n-Tetradecane (C14)	8.177	611563	5.312 ug/ml
7) T n-Hexadecane (C16)	9.777	622565	5.344 ug/ml
8) T n-Octadecane (C18)	11.219	640642	5.419 ug/ml
10) T n-Eicosane (C20)	12.526	630600	5.474 ug/ml
11) T n-Heneicosane (C21)	13.138	630396	5.469 ug/ml
13) T n-Docosane (C22)	13.724	622169	5.464 ug/ml
14) T n-Tetracosane (C24)	14.826	619379	5.448 ug/ml
15) T n-Hexacosane (C26)	15.844	616389	5.477 ug/ml
16) T n-Octacosane (C28)	16.793	620909	5.517 ug/ml
17) T n-Tricontane (C30)	17.679	635714	5.589 ug/ml
18) T n-Dotriacontane (C32)	18.510	654360	5.656 ug/ml
19) T n-Tetratriacontane (C34)	19.289	646625	5.626 ug/ml
20) T n-Hexatriacontane (C36)	20.028	609926	5.582 ug/ml
21) T n-Octatriacontane (C38)	20.756	595312	5.510 ug/ml
22) T n-Tetracontane (C40)	21.652	570160	5.384 ug/ml

(f)=RT Delta > 1/2 Window

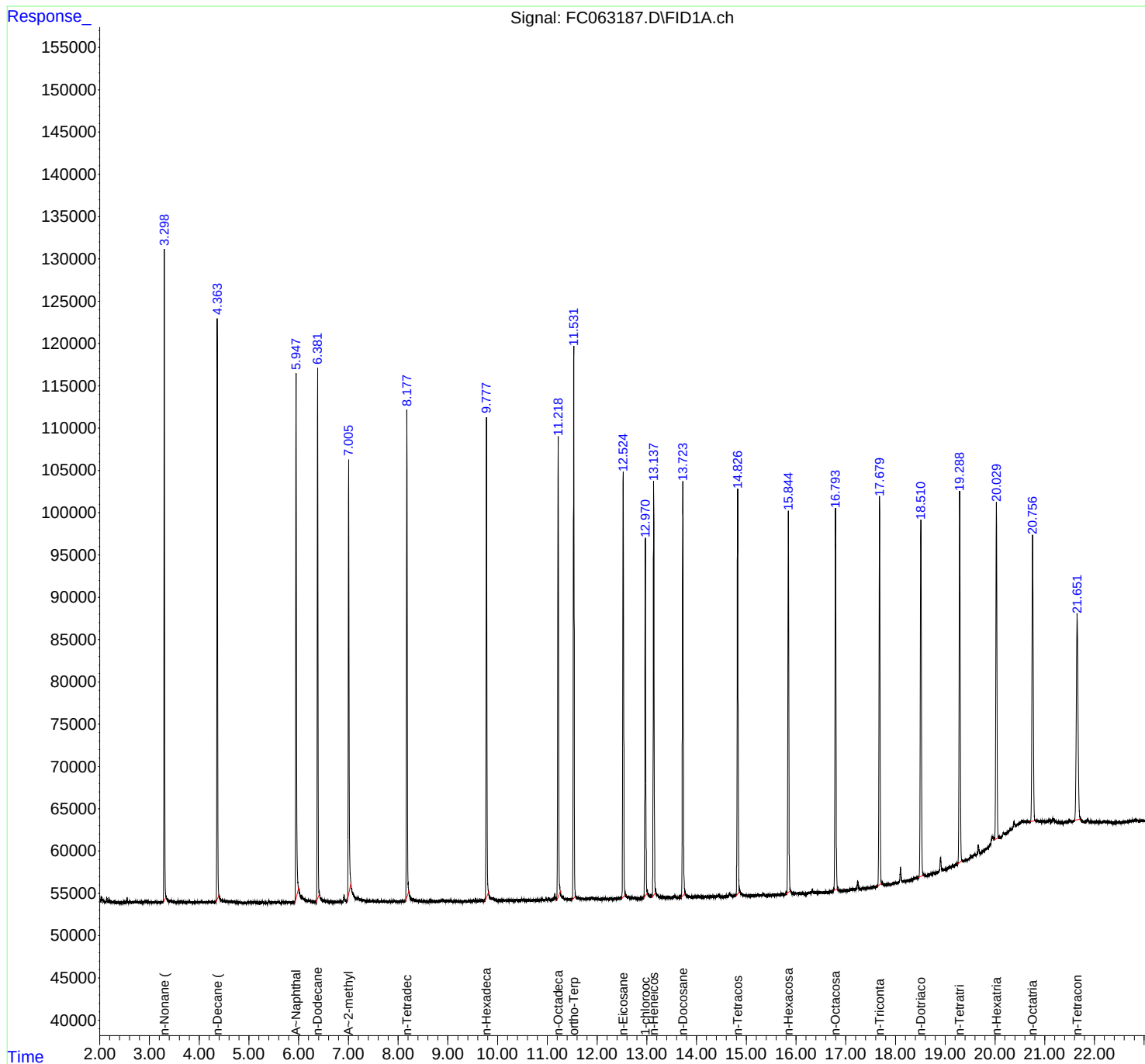
(m)=manual int.

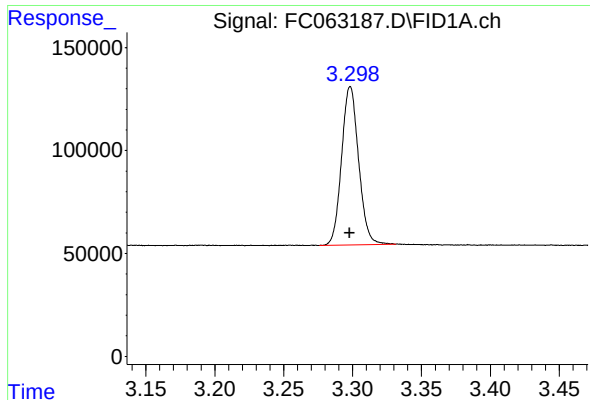
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063187.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 19:43
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 16 01:29:56 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
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Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um

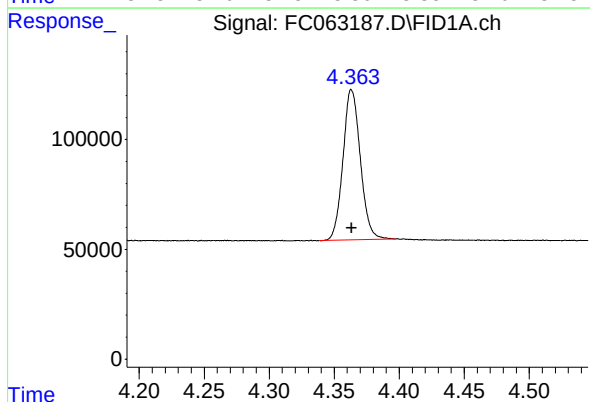




#1 n-Nonane (C9)

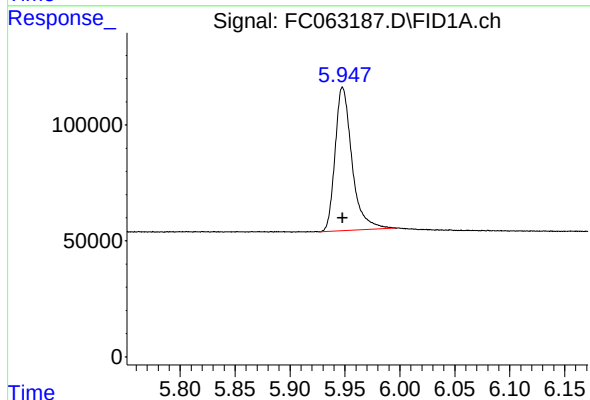
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 661831
Conc: 5.47 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



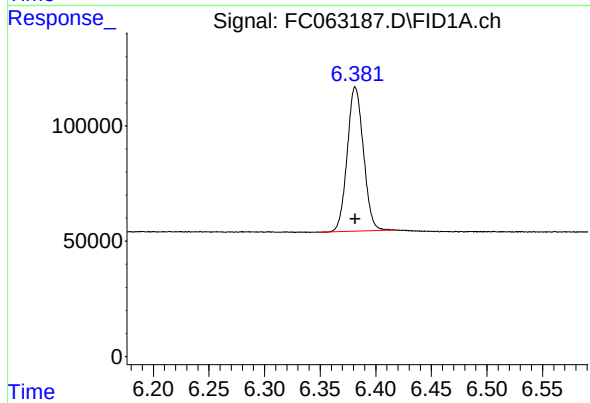
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 636690
Conc: 5.41 ug/ml



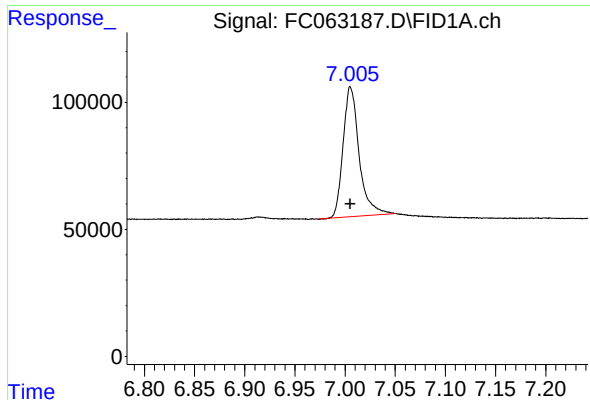
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 659166
Conc: 5.12 ug/ml



#4 n-Dodecane (C12)

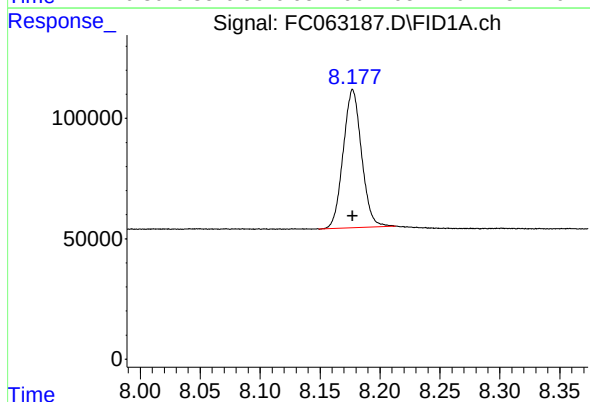
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 635083
Conc: 5.40 ug/ml



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

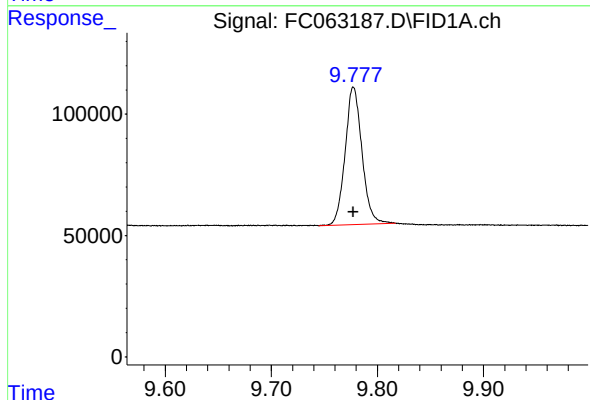
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 569144
Conc: 4.84 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



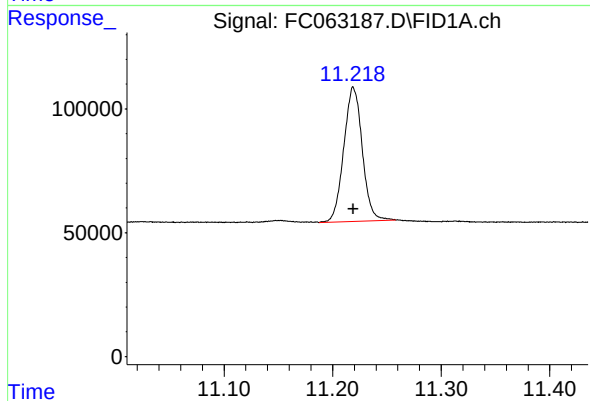
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 611563
Conc: 5.31 ug/ml



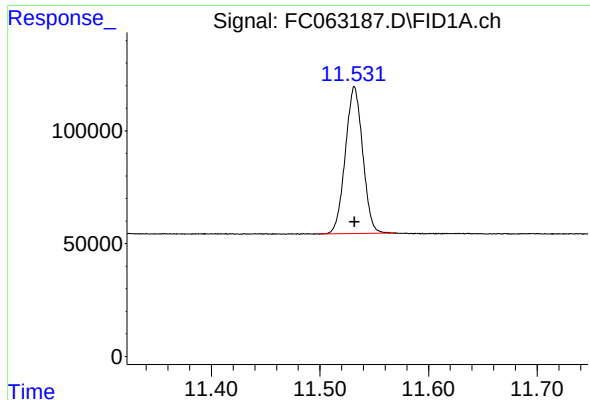
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 622565
Conc: 5.34 ug/ml



#8 n-Octadecane (C18)

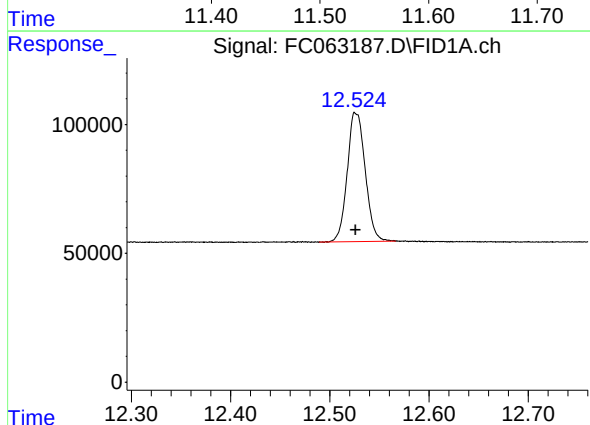
R.T.: 11.219 min
Delta R.T.: 0.000 min
Response: 640642
Conc: 5.42 ug/ml



#9 ortho-Terphenyl (SURR)

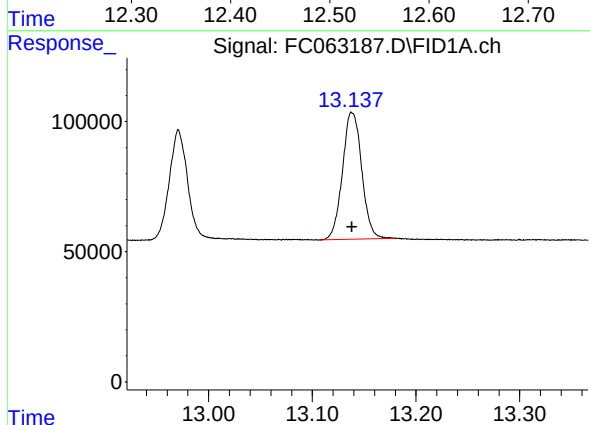
R.T.: 11.532 min
Delta R.T.: 0.000 min
Response: 726214
Conc: 5.55 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



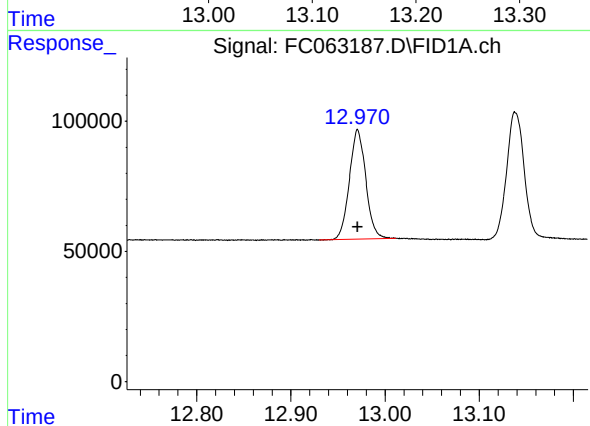
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 630600
Conc: 5.47 ug/ml



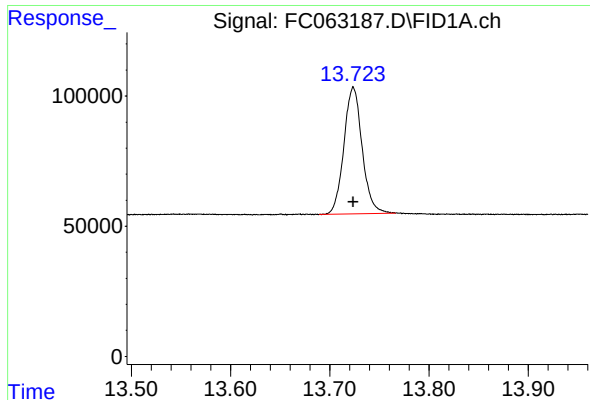
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 630396
Conc: 5.47 ug/ml



#12 1-chlorooctadecane (SURR)

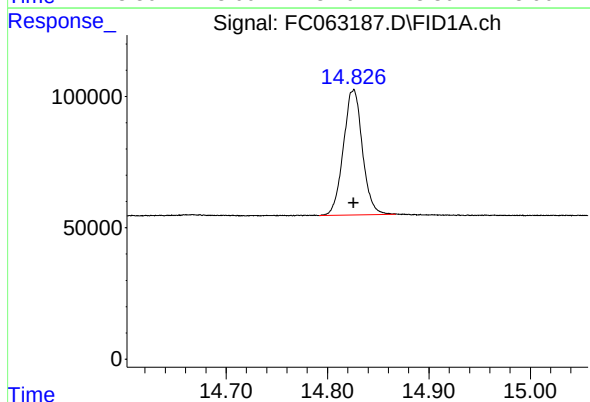
R.T.: 12.971 min
Delta R.T.: 0.000 min
Response: 509550
Conc: 5.28 ug/ml



#13 n-Docosane (C22)

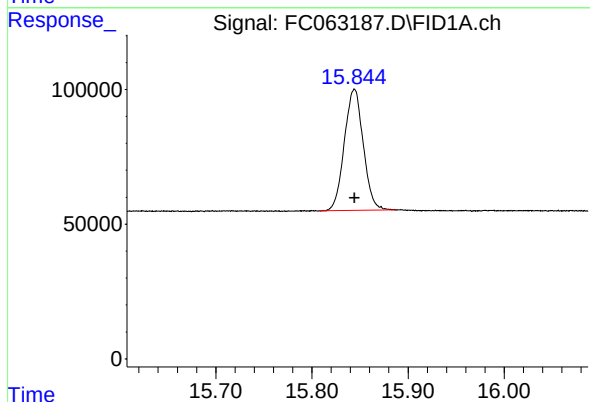
R.T.: 13.724 min
Delta R.T.: 0.000 min
Response: 622169
Conc: 5.46 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



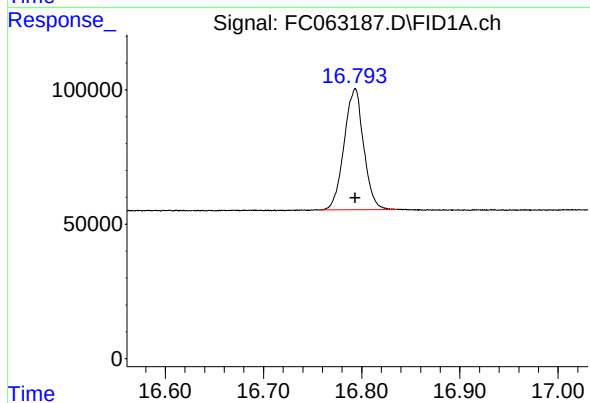
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 619379
Conc: 5.45 ug/ml



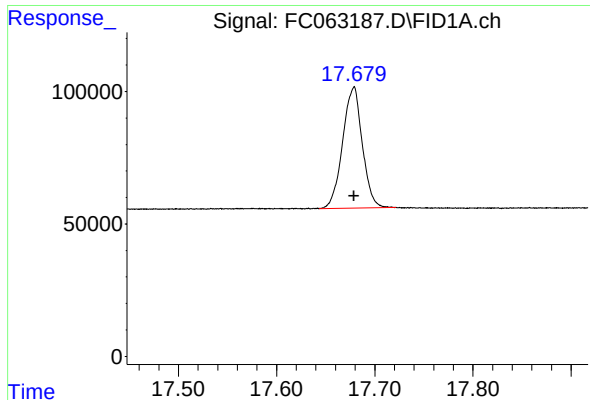
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.000 min
Response: 616389
Conc: 5.48 ug/ml



#16 n-Octacosane (C28)

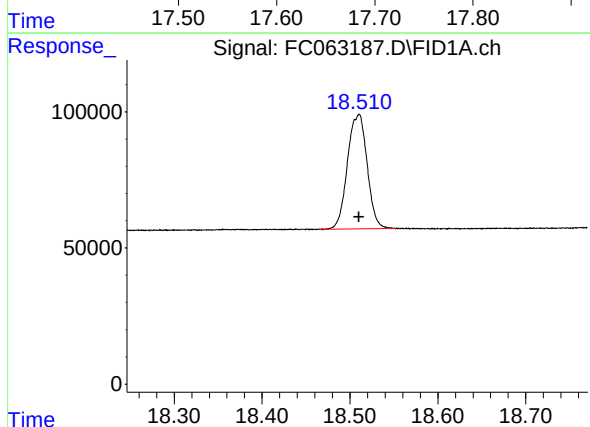
R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 620909
Conc: 5.52 ug/ml



#17 n-Tricontane (C30)

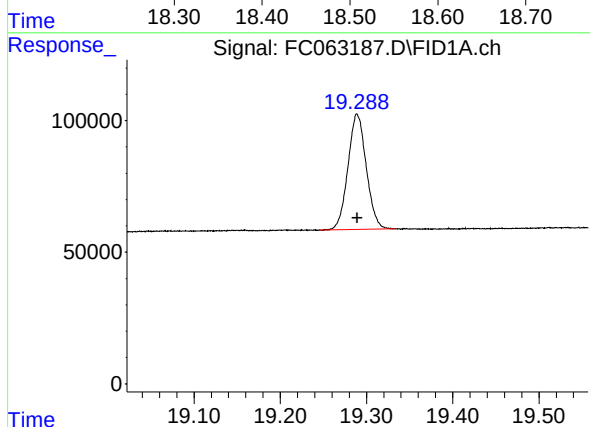
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 635714
Conc: 5.59 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



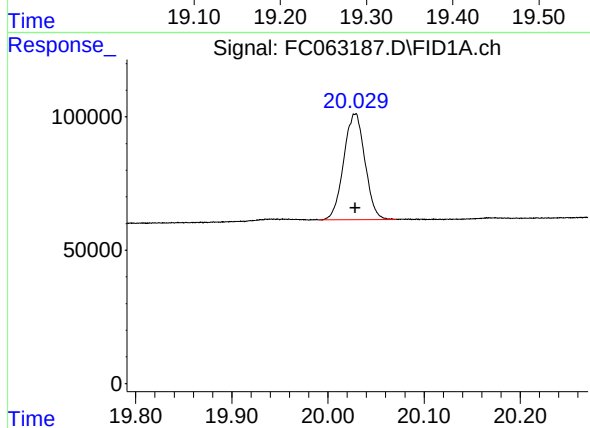
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 654360
Conc: 5.66 ug/ml



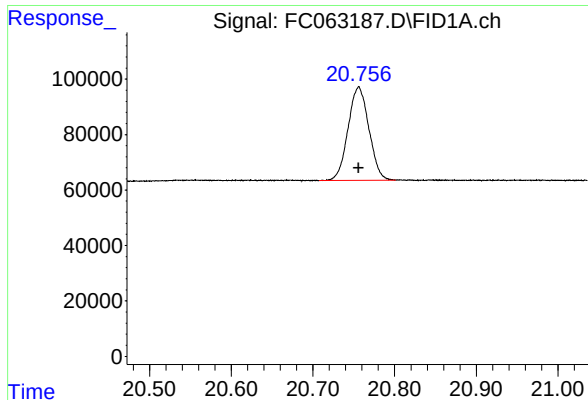
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.000 min
Response: 646625
Conc: 5.63 ug/ml



#20 n-Hexatriacontane (C36)

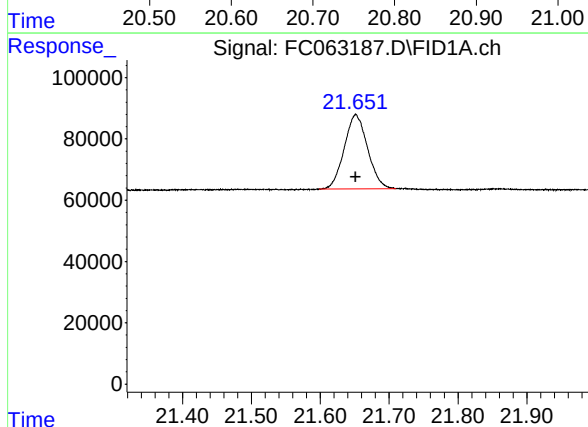
R.T.: 20.028 min
Delta R.T.: 0.000 min
Response: 609926
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.000 min
Response: 595312
Conc: 5.51 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.000 min
Response: 570160
Conc: 5.38 ug/ml