



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

Lab Sample ID:	5 PPM ALIPHATIC HC S	Acq On:	05 May 2023 17:07
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063567.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.200	6.480	2409835.000	15.000	ug/ml
Aliphatic C12-C16	6.481	9.871	1571382.000	10.000	ug/ml
Aliphatic C16-C21	9.872	13.228	2382101.000	15.000	ug/ml
Aliphatic C21-C28	13.229	16.879	2894092.000	20.000	ug/ml
Aliphatic C28-C40	16.880	21.727	4066133.000	30.000	ug/ml
Aliphatic EPH	3.200		13323543.000	90.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063567.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 17:07
 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: May 05 18:13:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:11:58 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)	11.524	974714	5.132 ug/ml
Spiked Amount 50.000		Recovery =	10.26%
12) S 1-chlorooctadecane (S...	12.960	675665	5.093 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
Target Compounds			
1) T n-Nonane (C9)	3.301	800940	4.857 ug/ml
2) T n-Decane (C10)	4.364	801155	4.792 ug/ml
3) T A~Naphthalene (C11.7)	5.948	777544	4.390 ug/ml
4) T n-Dodecane (C12)	6.380	807740	4.803 ug/ml
5) T A~2-methylnaphthalene...	7.005	710760	4.159 ug/ml
6) T n-Tetradecane (C14)	8.174	772755	4.721 ug/ml
7) T n-Hexadecane (C16)	9.772	798627	4.814 ug/ml
8) T n-Octadecane (C18)	11.211	819464	4.989 ug/ml
10) T n-Eicosane (C20)	12.517	797662	5.192 ug/ml
11) T n-Heneicosane (C21)	13.128	764975	5.166 ug/ml
13) T n-Docosane (C22)	13.713	757037	5.199 ug/ml
14) T n-Tetracosane (C24)	14.813	733415	5.179 ug/ml
15) T n-Hexacosane (C26)	15.831	711245	5.174 ug/ml
16) T n-Octacosane (C28)	16.778	692395	5.224 ug/ml
17) T n-Tricontane (C30)	17.663	718811	5.376 ug/ml
18) T n-Dotriacontane (C32)	18.494	722568	5.476 ug/ml
19) T n-Tetratriacontane (C34)	19.274	691034	5.366 ug/ml
20) T n-Hexatriacontane (C36)	20.010	648996	5.293 ug/ml
21) T n-Octatriacontane (C38)	20.735	654390	5.289 ug/ml
22) T n-Tetracontane (C40)	21.624	630334	5.088 ug/ml

(f)=RT Delta > 1/2 Window

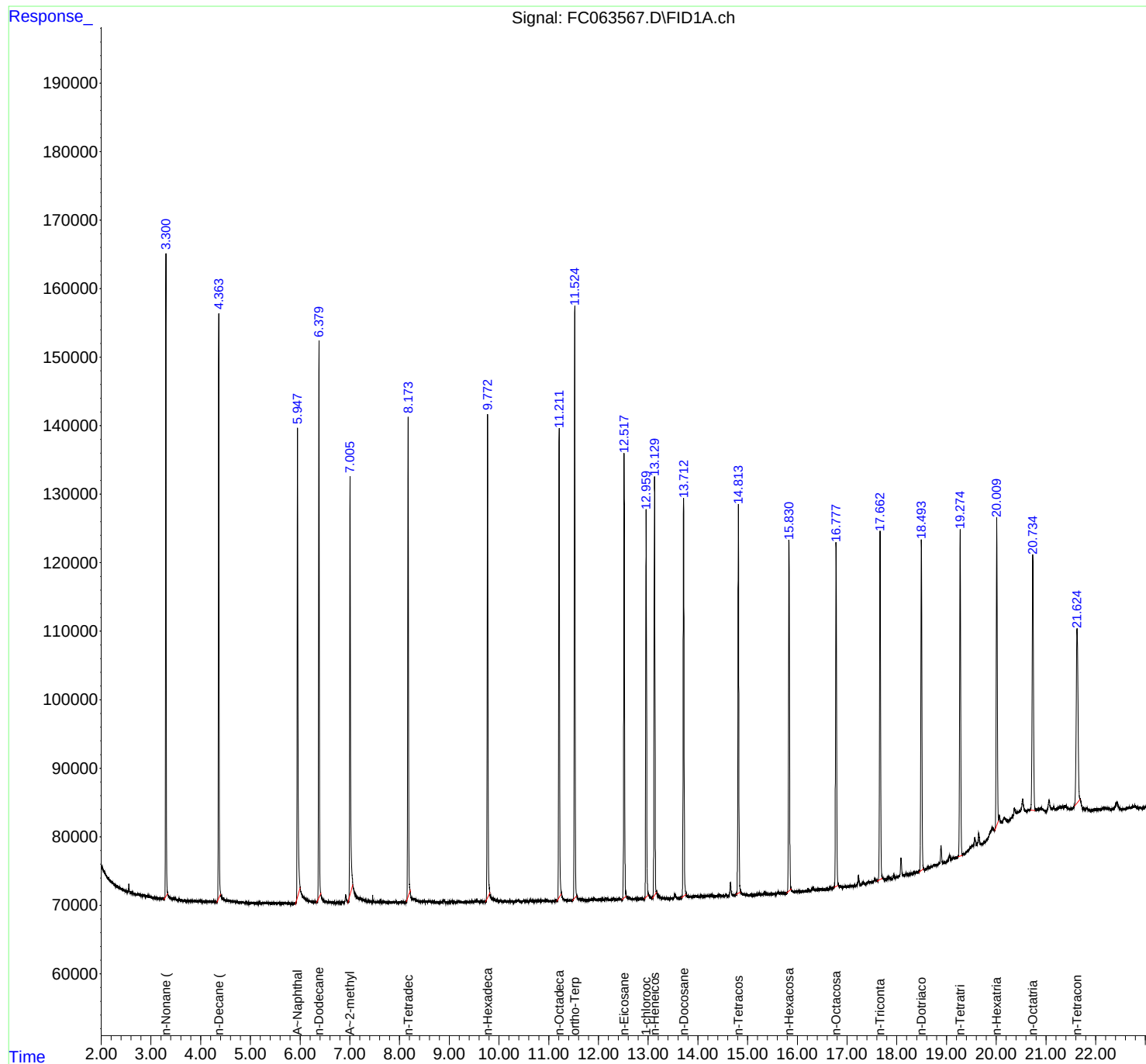
(m)=manual int.

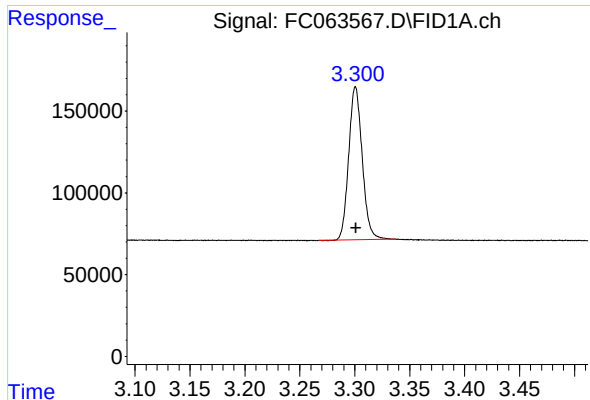
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
Data File : FC063567.D
Signal(s) : FID1A.ch
Acq On : 05 May 2023 17:07
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: May 05 18:13:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:11:58 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

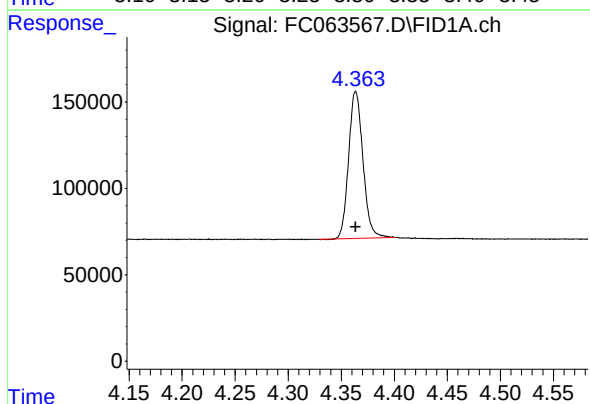




#1 n-Nonane (C9)

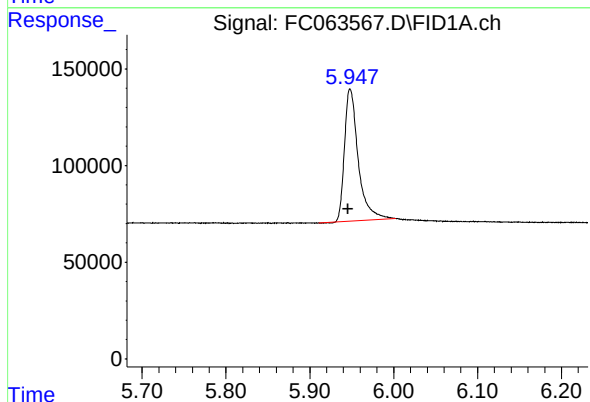
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 800940
Conc: 4.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



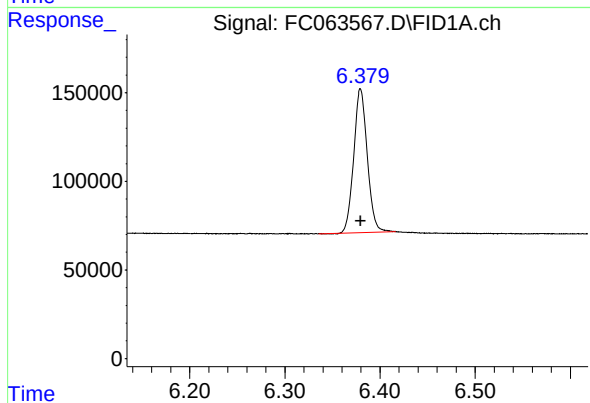
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 801155
Conc: 4.79 ug/ml



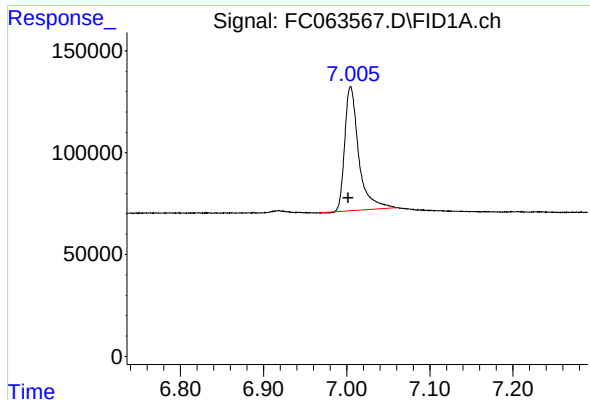
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 777544
Conc: 4.39 ug/ml



#4 n-Dodecane (C12)

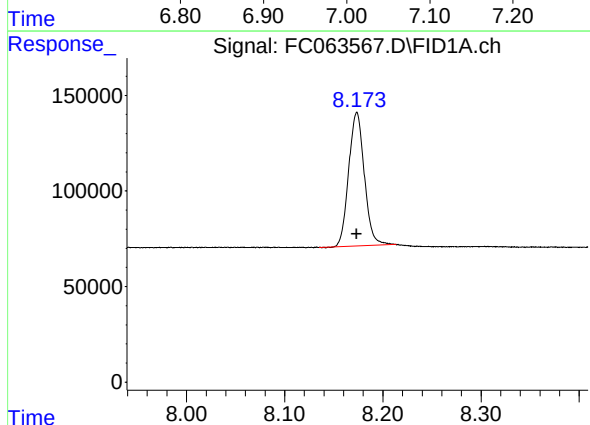
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 807740
Conc: 4.80 ug/ml



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

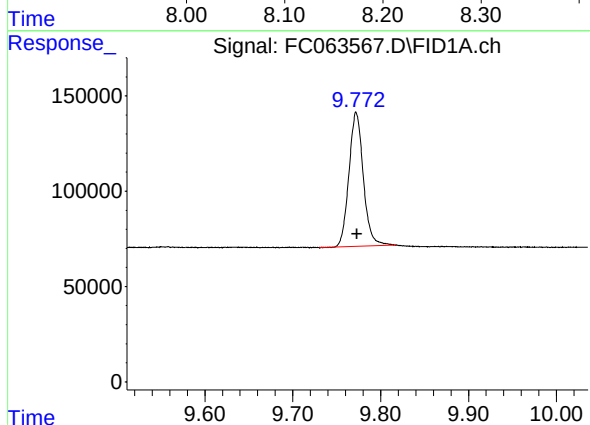
R.T.: 7.005 min
Delta R.T.: 0.003 min
Response: 710760
Conc: 4.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



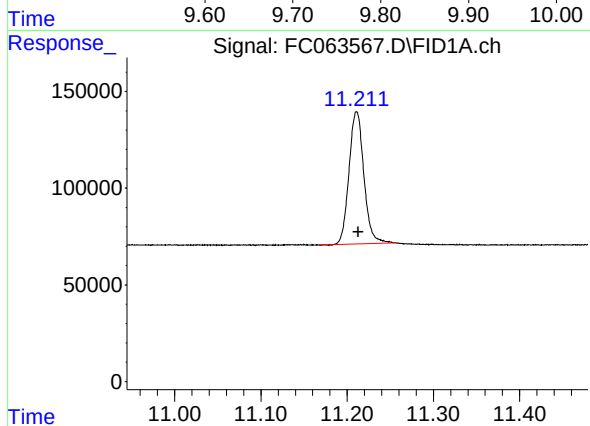
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 772755
Conc: 4.72 ug/ml



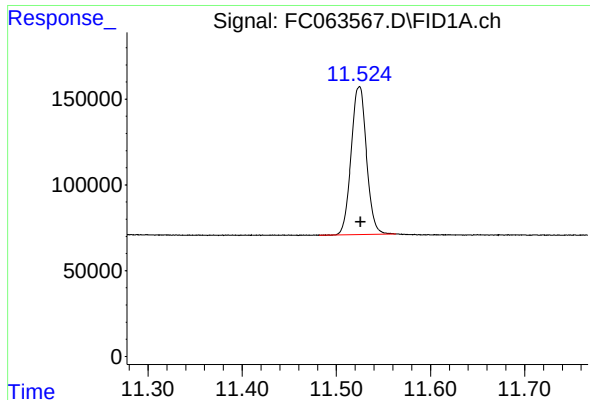
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 798627
Conc: 4.81 ug/ml



#8 n-Octadecane (C18)

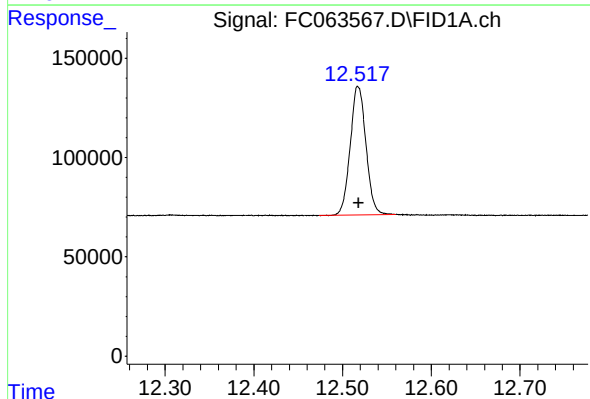
R.T.: 11.211 min
Delta R.T.: -0.002 min
Response: 819464
Conc: 4.99 ug/ml



#9 ortho-Terphenyl (SURR)

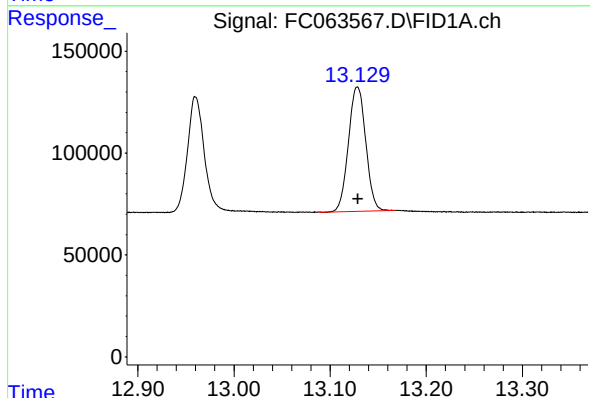
R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 974714
Conc: 5.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



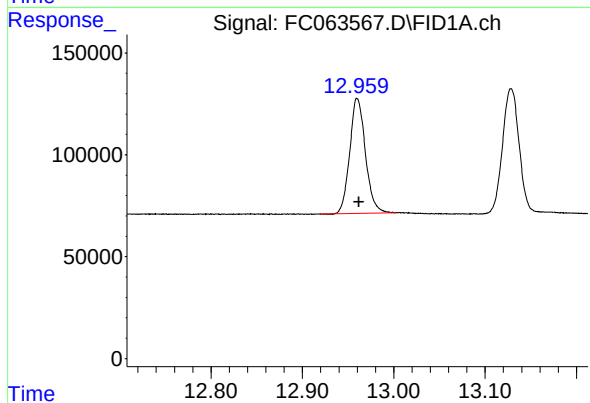
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.001 min
Response: 797662
Conc: 5.19 ug/ml



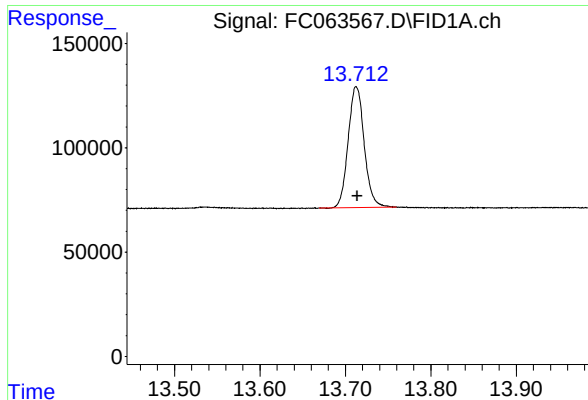
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 764975
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

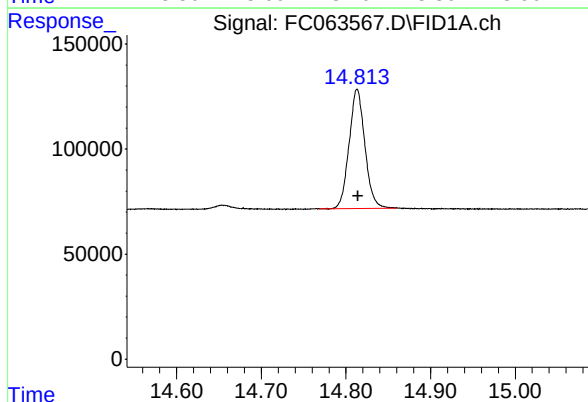
R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 675665
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

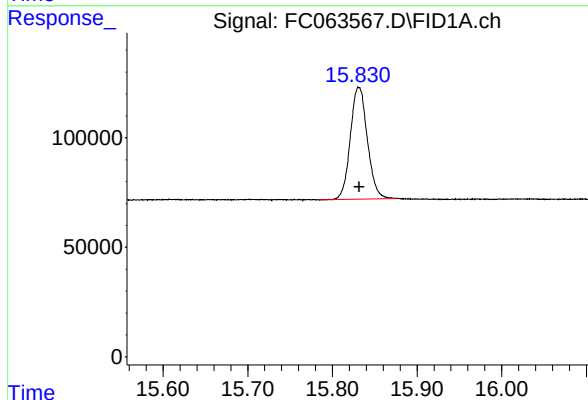
R.T.: 13.713 min
Delta R.T.: -0.001 min
Response: 757037
Conc: 5.20 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



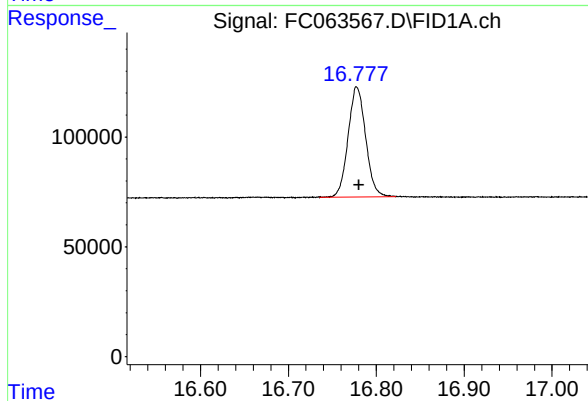
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.001 min
Response: 733415
Conc: 5.18 ug/ml



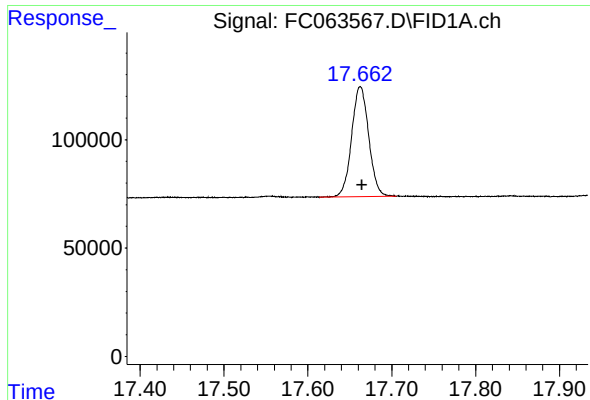
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 711245
Conc: 5.17 ug/ml



#16 n-Octacosane (C28)

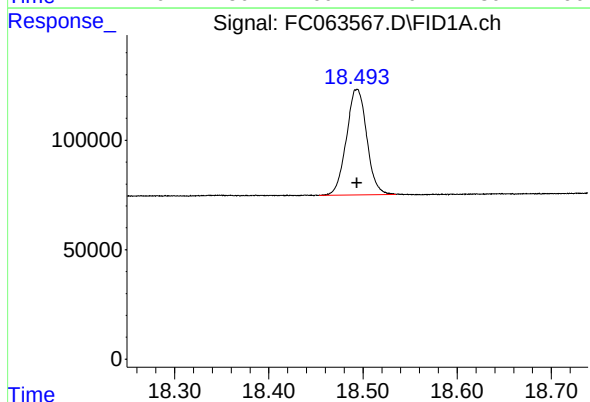
R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 692395
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

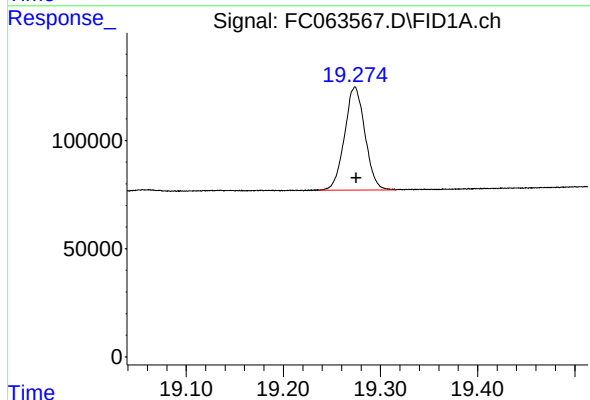
R.T.: 17.663 min
Delta R.T.: -0.002 min
Response: 718811
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



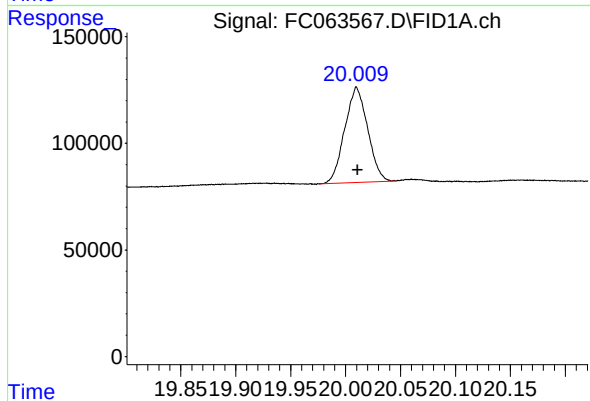
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 722568
Conc: 5.48 ug/ml



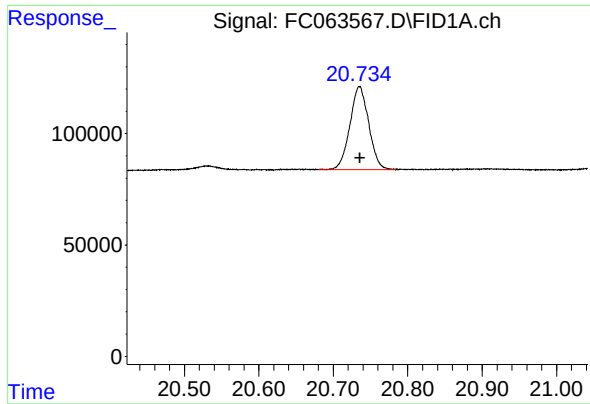
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.001 min
Response: 691034
Conc: 5.37 ug/ml



#20 n-Hexatriacontane (C36)

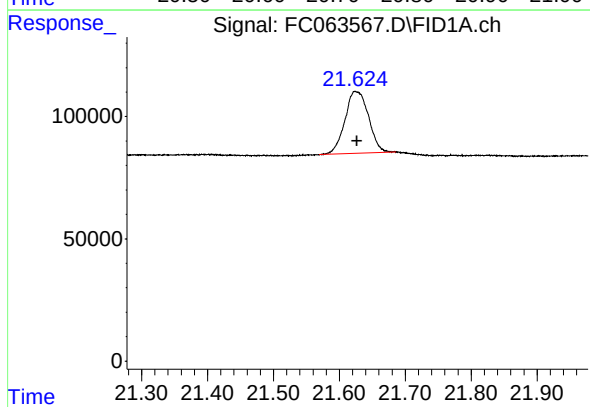
R.T.: 20.010 min
Delta R.T.: -0.001 min
Response: 648996
Conc: 5.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.000 min
Response: 654390
Conc: 5.29 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.003 min
Response: 630334
Conc: 5.09 ug/ml