



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

Lab Sample ID:	50 PPM ALIPHATIC HC 9	Acq On:	02 May 2023 18:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063522.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	6.483	19778236.000	150.000	ug/ml
Aliphatic C12-C16	6.484	9.877	13180590.000	100.000	ug/ml
Aliphatic C16-C21	9.878	13.235	19597833.000	150.000	ug/ml
Aliphatic C21-C28	13.236	16.888	25312030.000	200.000	ug/ml
Aliphatic C28-C40	16.889	21.746	35821180.000	300.000	ug/ml
Aliphatic EPH	3.197		113689869.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063522.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 18:09
 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: May 03 00:28:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:28:28 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)	11.535	7766317	50.053 ug/ml
Spiked Amount 50.000		Recovery =	100.11%
12) S 1-chlorooctadecane (S...	12.970	5442644	50.189 ug/ml
Spiked Amount 50.000		Recovery =	100.38%
Target Compounds			
1) T n-Nonane (C9)	3.298	6536333	50.086 ug/ml
2) T n-Decane (C10)	4.366	6621129	50.136 ug/ml
3) T A~Naphthalene (C11.7)	5.950	7122094	50.637 ug/ml
4) T n-Dodecane (C12)	6.385	6620774	50.208 ug/ml
5) T A~2-methylnaphthalene...	7.008	6807683	50.539 ug/ml
6) T n-Tetradecane (C14)	8.181	6521648	50.189 ug/ml
7) T n-Hexadecane (C16)	9.779	6658942	50.178 ug/ml
8) T n-Octadecane (C18)	11.221	6751270	50.074 ug/ml
10) T n-Eicosane (C20)	12.527	6466858	50.019 ug/ml
11) T n-Heneicosane (C21)	13.138	6379705	50.015 ug/ml
13) T n-Docosane (C22)	13.723	6352425	49.992 ug/ml
14) T n-Tetracosane (C24)	14.825	6395113	49.956 ug/ml
15) T n-Hexacosane (C26)	15.844	6325381	49.963 ug/ml
16) T n-Octacosane (C28)	16.790	6239111	49.959 ug/ml
17) T n-Tricontane (C30)	17.677	6348591	49.992 ug/ml
18) T n-Dotriacontane (C32)	18.506	6263017	50.057 ug/ml
19) T n-Tetratriacontane (C34)	19.287	6143837	50.177 ug/ml
20) T n-Hexatriacontane (C36)	20.025	5846191	50.257 ug/ml
21) T n-Octatriacontane (C38)	20.755	5744214	50.658 ug/ml
22) T n-Tetracontane (C40)	21.651	5475330	51.125 ug/ml

(f)=RT Delta > 1/2 Window

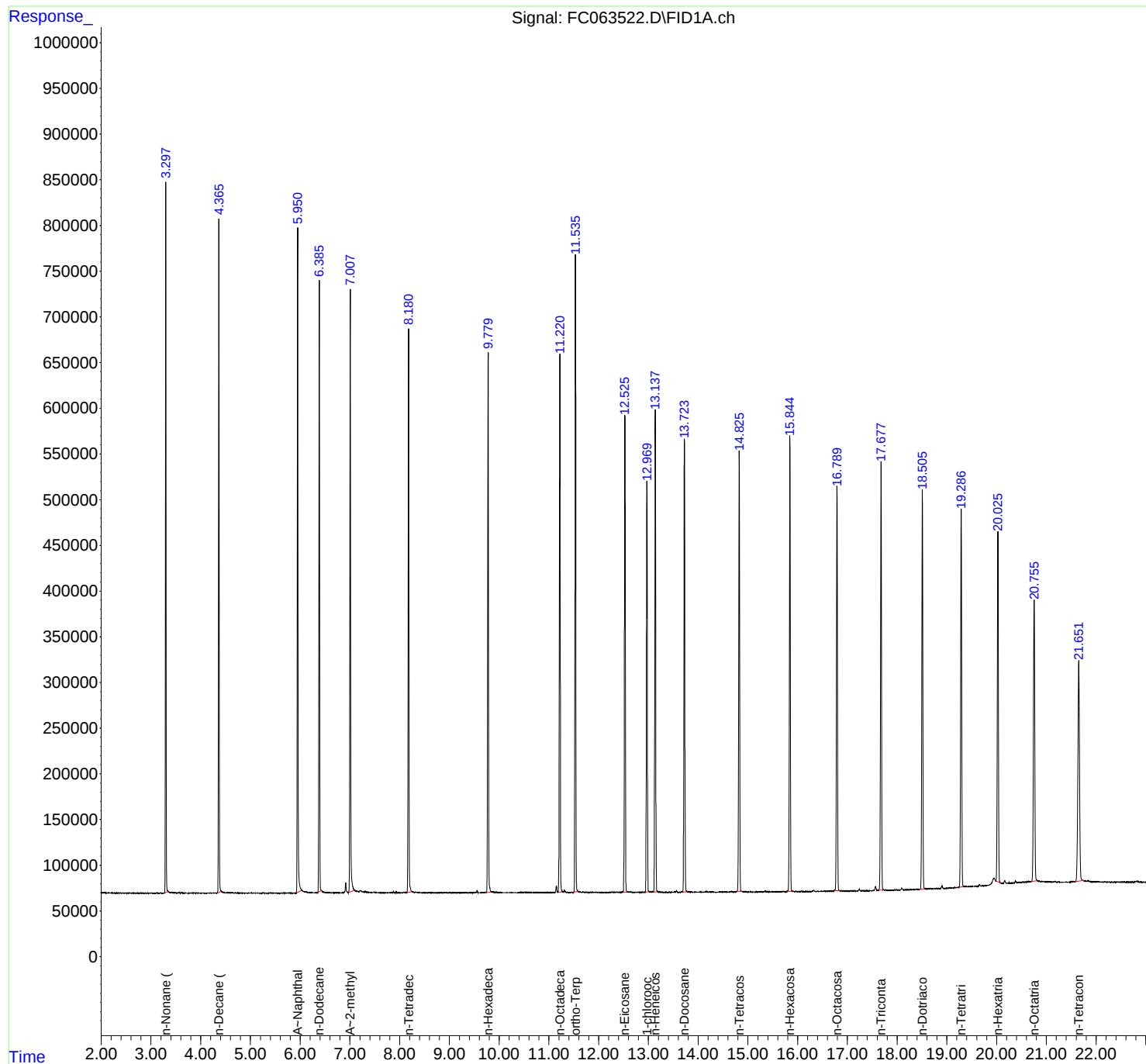
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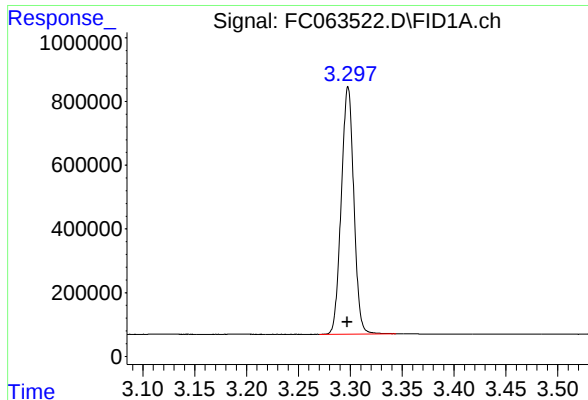
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063522.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 18:09
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 03 00:28:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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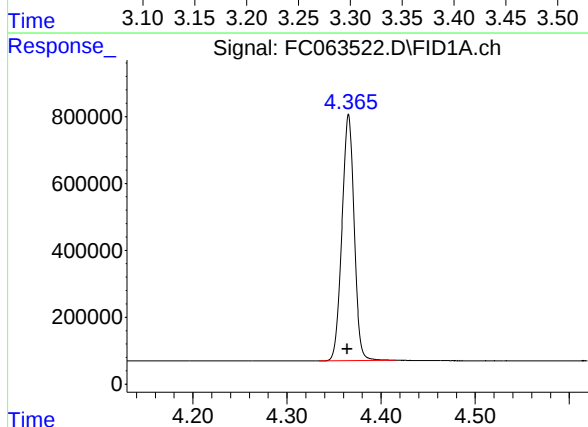




#1 n-Nonane (C9)

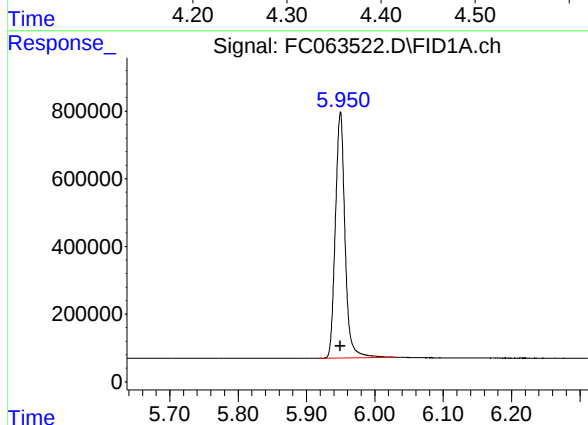
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 6536333
Conc: 50.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



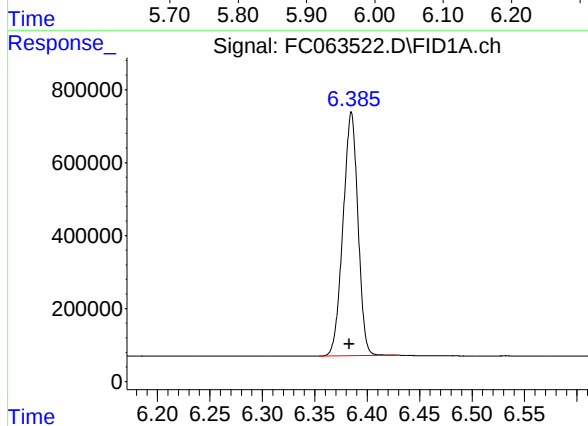
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 6621129
Conc: 50.14 ug/ml



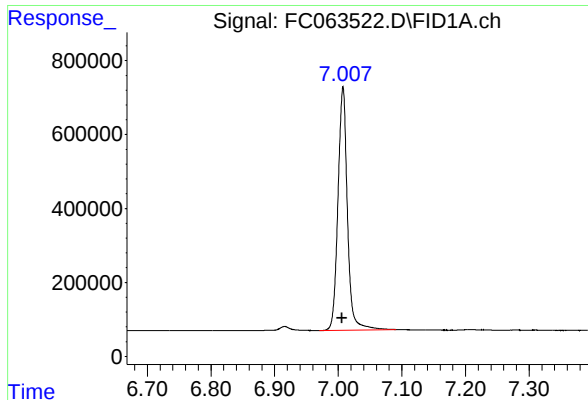
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 7122094
Conc: 50.64 ug/ml



#4 n-Dodecane (C12)

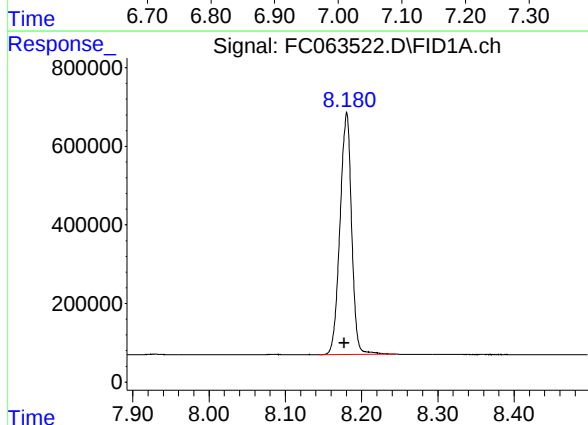
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 6620774
Conc: 50.21 ug/ml



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

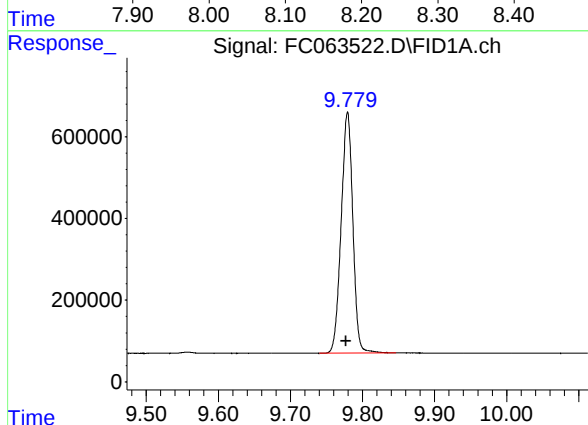
R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 6807683
Conc: 50.54 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



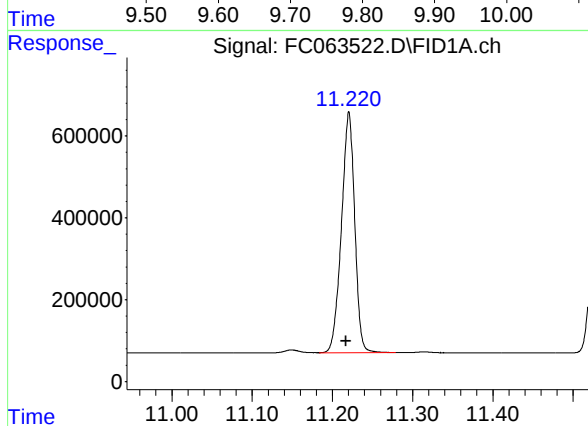
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.003 min
Response: 6521648
Conc: 50.19 ug/ml



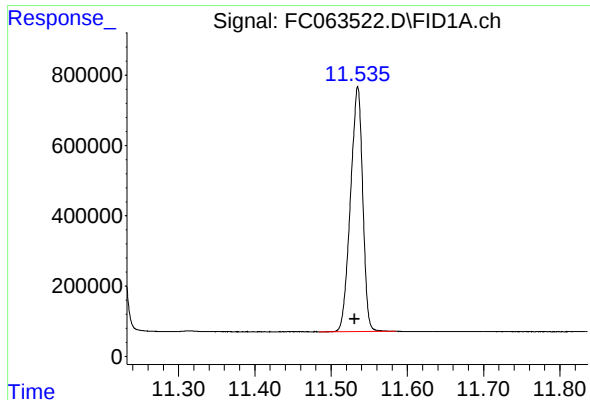
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 6658942
Conc: 50.18 ug/ml



#8 n-Octadecane (C18)

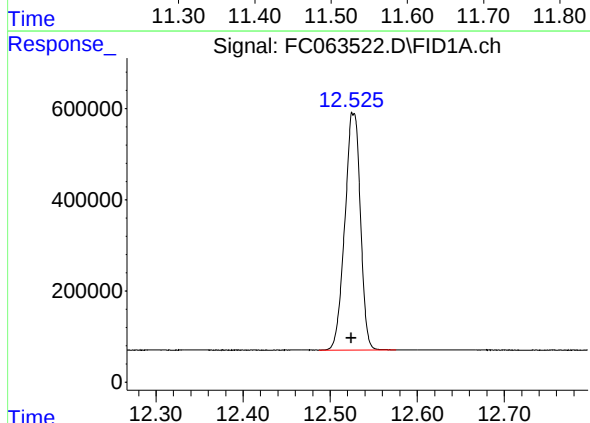
R.T.: 11.221 min
Delta R.T.: 0.004 min
Response: 6751270
Conc: 50.07 ug/ml



#9 ortho-Terphenyl (SURR)

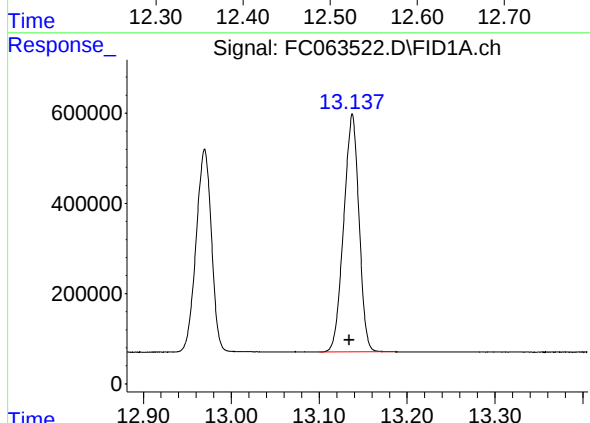
R.T.: 11.535 min
Delta R.T.: 0.004 min
Response: 7766317
Conc: 50.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



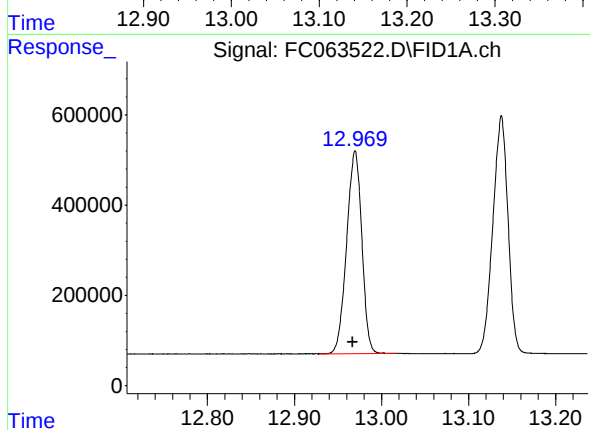
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 6466858
Conc: 50.02 ug/ml



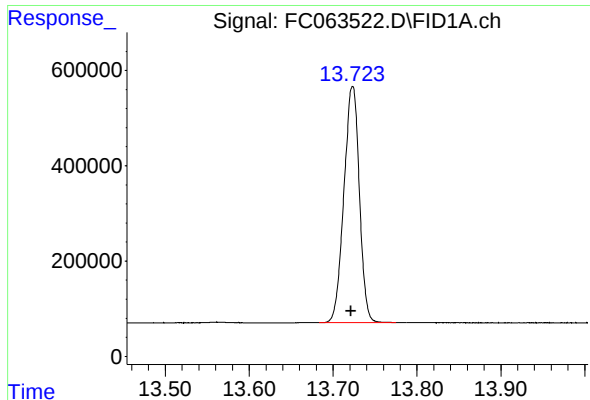
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.004 min
Response: 6379705
Conc: 50.02 ug/ml



#12 1-chlorooctadecane (SURR)

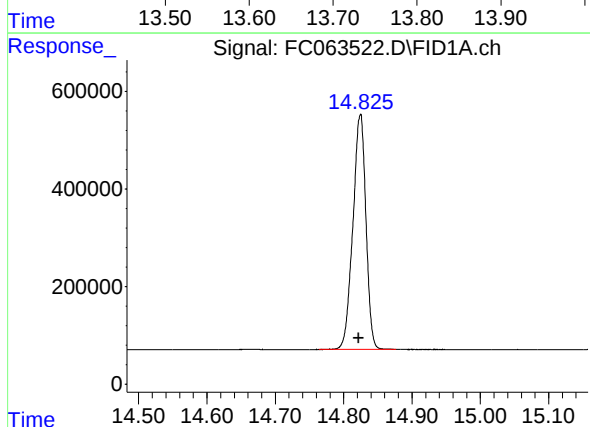
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 5442644
Conc: 50.19 ug/ml



#13 n-Docosane (C22)

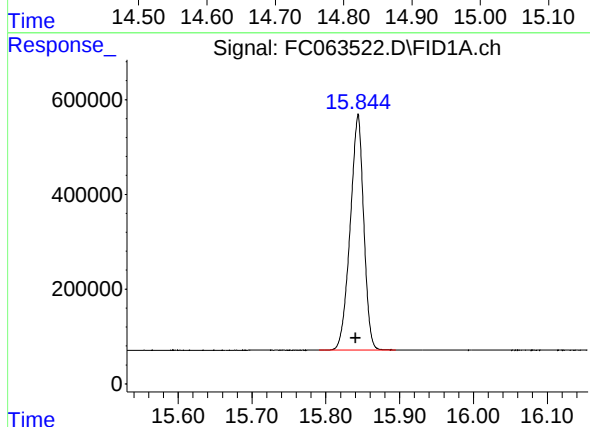
R.T.: 13.723 min
Delta R.T.: 0.002 min
Response: 6352425
Conc: 49.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



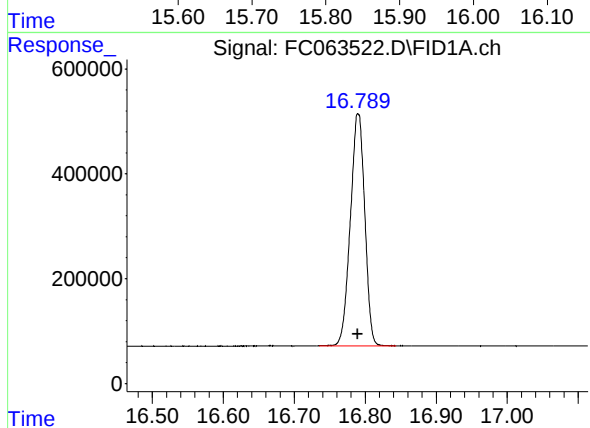
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.002 min
Response: 6395113
Conc: 49.96 ug/ml



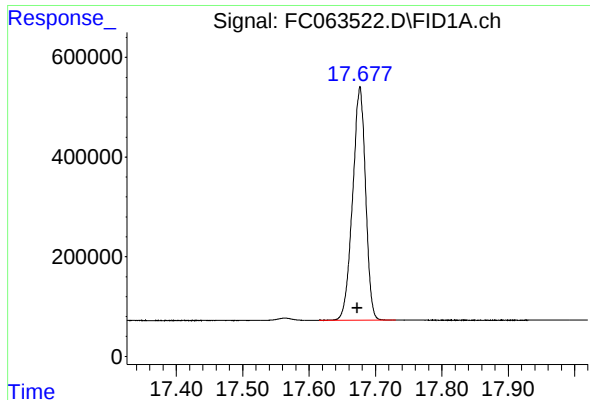
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.003 min
Response: 6325381
Conc: 49.96 ug/ml



#16 n-Octacosane (C28)

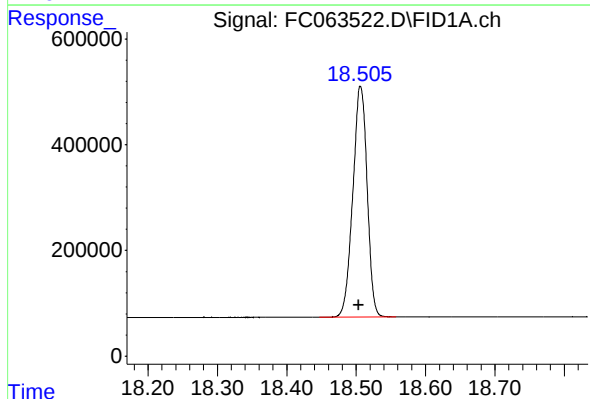
R.T.: 16.790 min
Delta R.T.: 0.001 min
Response: 6239111
Conc: 49.96 ug/ml



#17 n-Tricontane (C30)

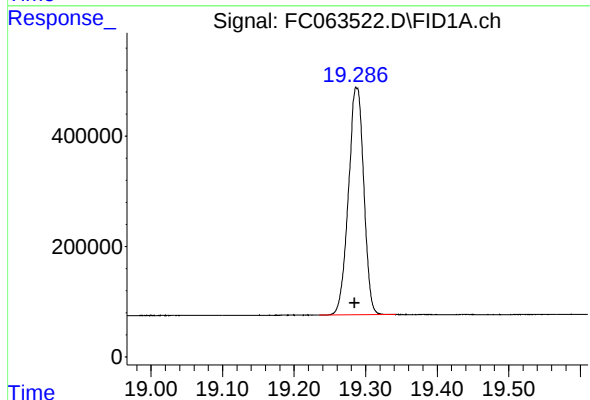
R.T.: 17.677 min
Delta R.T.: 0.004 min
Response: 6348591
Conc: 49.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



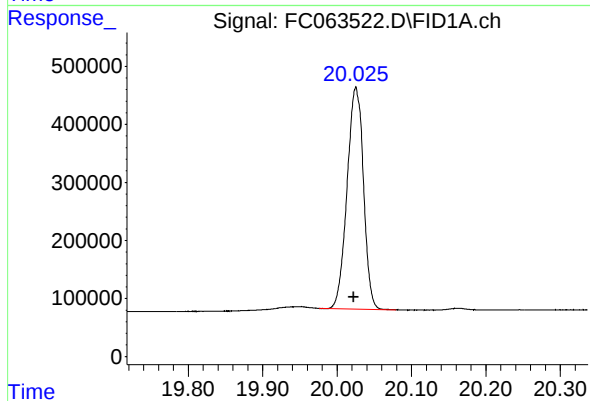
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.002 min
Response: 6263017
Conc: 50.06 ug/ml



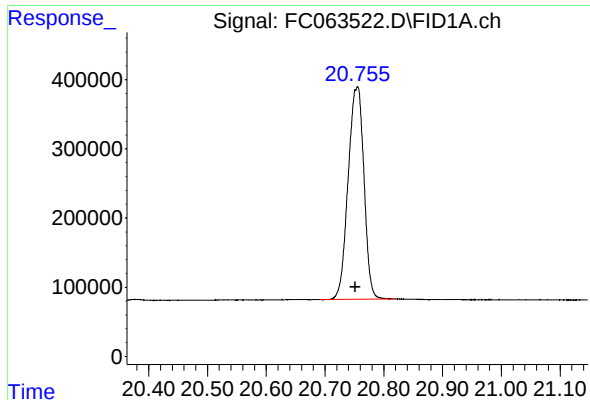
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.003 min
Response: 6143837
Conc: 50.18 ug/ml



#20 n-Hexatriacontane (C36)

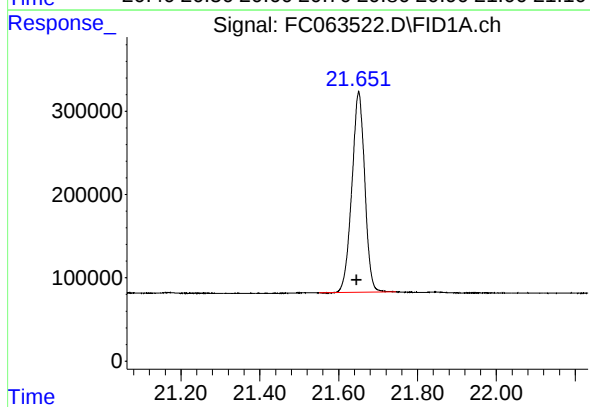
R.T.: 20.025 min
Delta R.T.: 0.003 min
Response: 5846191
Conc: 50.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.004 min
Response: 5744214
Conc: 50.66 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: 0.005 min
Response: 5475330
Conc: 51.13 ug/ml