Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
Data File : FC069449.D
Signal(s) : FID1A.ch
Acq On : 15 Jul 2025 09:50
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jul 15 11:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 10:56:36 2025
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)	11.673	6934332	49.109 ug/ml
Spiked Amount	50.000		Recovery =	98.22%
12) S	1-chlorooctadecane (S...	13.107	5294608	49.133 ug/ml
Spiked Amount	50.000		Recovery =	98.27%
	Target Compounds			
1) T	n-Nonane (C9)	3.405	6306166	48.807 ug/ml
2) T	n-Decane (C10)	4.477	6457064	48.828 ug/ml
3) T	A~Naphthalene (C11.7)	6.071	7013053	48.854 ug/ml
4) T	n-Dodecane (C12)	6.502	6584586	48.841 ug/ml
5) T	A~2-methylnaphthalene...	7.131	6809757	48.982 ug/ml
6) T	n-Tetradecane (C14)	8.301	6602714	48.819 ug/ml
7) T	n-Hexadecane (C16)	9.905	6774462	48.923 ug/ml
8) T	n-Octadecane (C18)	11.350	6695985	49.025 ug/ml
10) T	n-Eicosane (C20)	12.662	6253714	49.103 ug/ml
11) T	n-Heneicosane (C21)	13.274	6056701	49.129 ug/ml
13) T	n-Docosane (C22)	13.862	5923068	49.111 ug/ml
14) T	n-Tetracosane (C24)	14.966	5695887	49.108 ug/ml
15) T	n-Hexacosane (C26)	15.988	5408177	49.064 ug/ml
16) T	n-Octacosane (C28)	16.939	5097417	48.846 ug/ml
17) T	n-Tricontane (C30)	17.828	4961375	48.676 ug/ml
18) T	n-Dotriacontane (C32)	18.661	4644179	48.534 ug/ml
19) T	n-Tetratriacontane (C34)	19.444	4230530	48.469 ug/ml
20) T	n-Hexatriacontane (C36)	20.187	3732506	48.531 ug/ml
21) T	n-Octatriacontane (C38)	20.951	3453731	48.559 ug/ml
22) T	n-Tetracontane (C40)	21.915	3352069	48.651 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
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Response via : Initial Calibration
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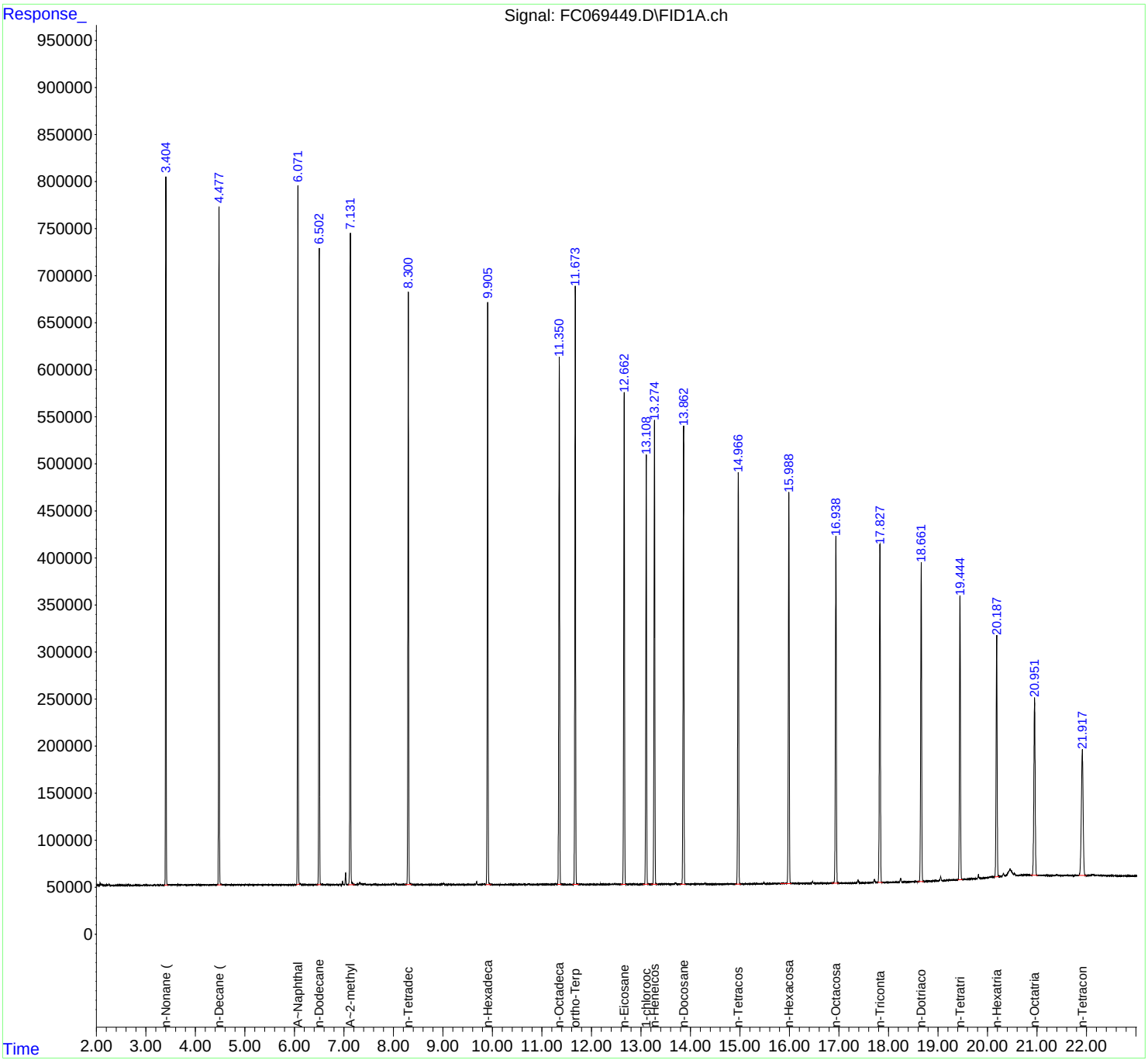
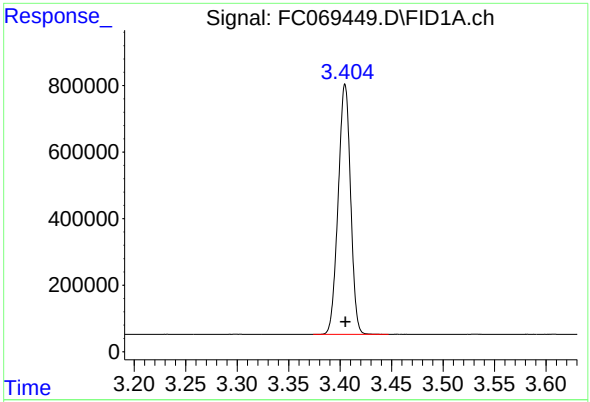
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

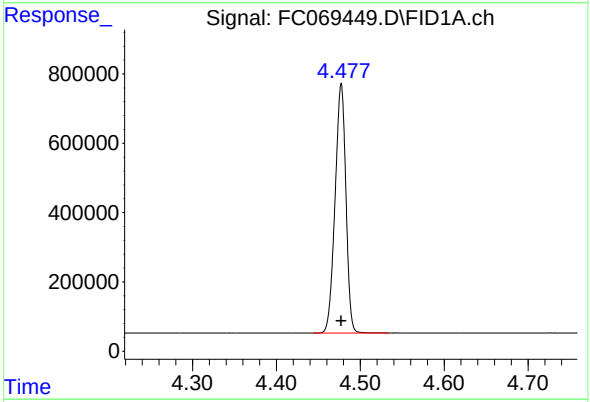




#1 n-Nonane (C9)

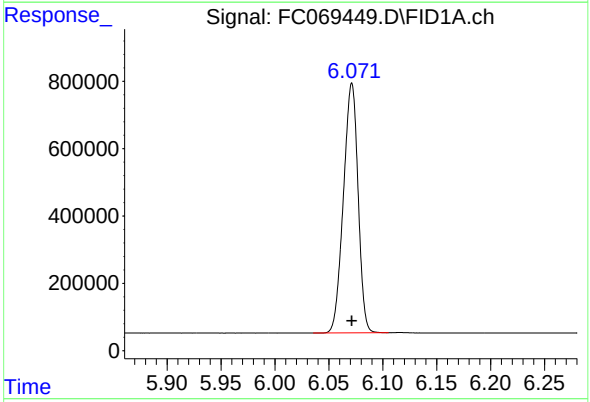
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 6306166
Conc: 48.81 ug/ml

Instrument :
FID_C
ClientSampleId :



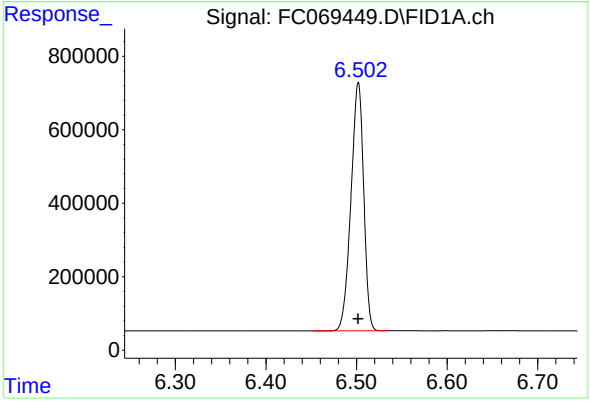
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 6457064
Conc: 48.83 ug/ml



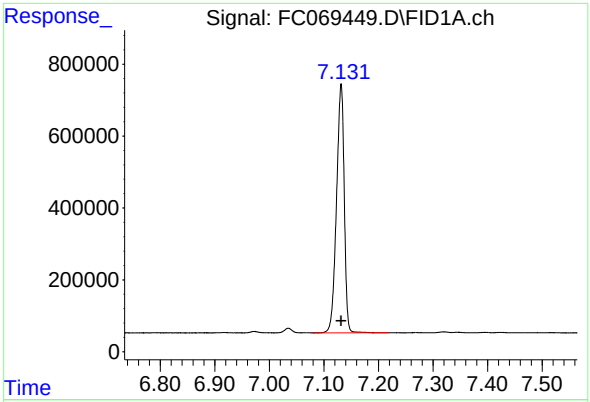
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 7013053
Conc: 48.85 ug/ml



#4 n-Dodecane (C12)

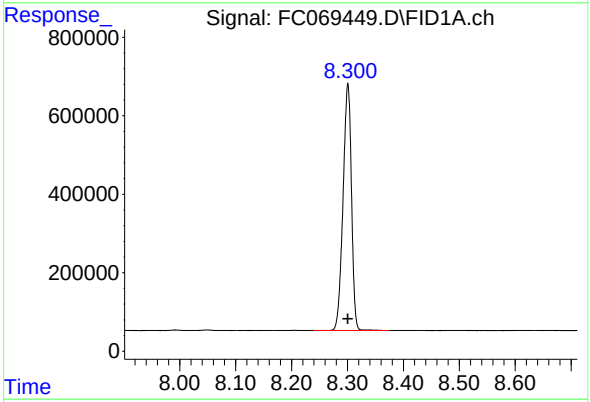
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 6584586
Conc: 48.84 ug/ml



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

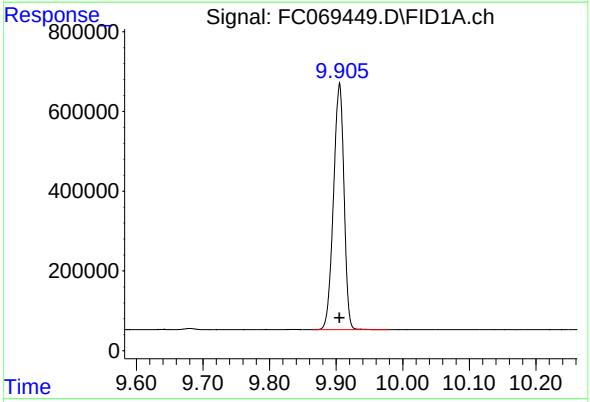
R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 6809757
Conc: 48.98 ug/ml

Instrument :
FID_C
ClientSampleId :



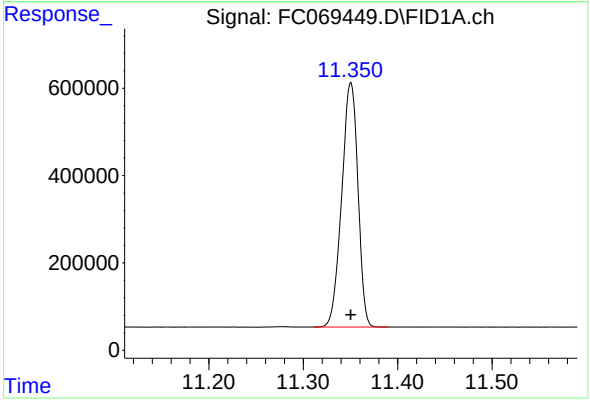
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 6602714
Conc: 48.82 ug/ml



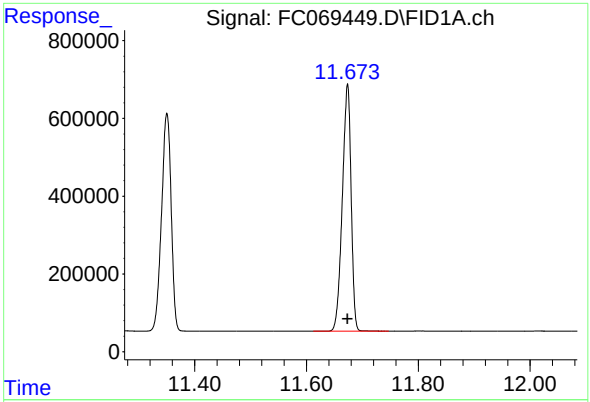
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: 0.000 min
Response: 6774462
Conc: 48.92 ug/ml



#8 n-Octadecane (C18)

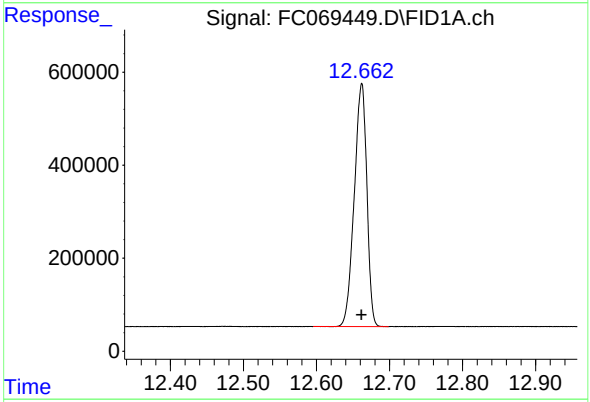
R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 6695985
Conc: 49.02 ug/ml



#9 ortho-Terphenyl (SURR)

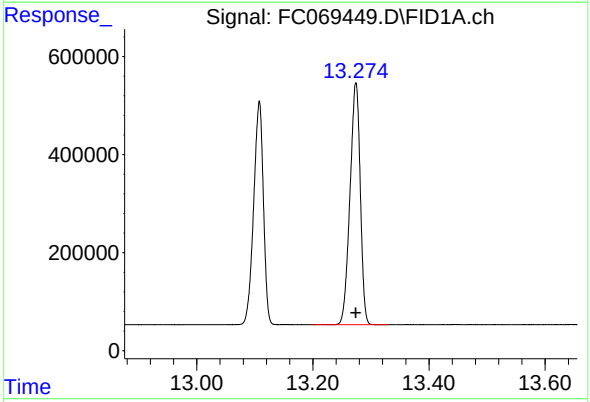
R.T.: 11.673 min
Delta R.T.: 0.000 min
Response: 6934332
Conc: 49.11 ug/ml

Instrument :
FID_C
ClientSampleId :



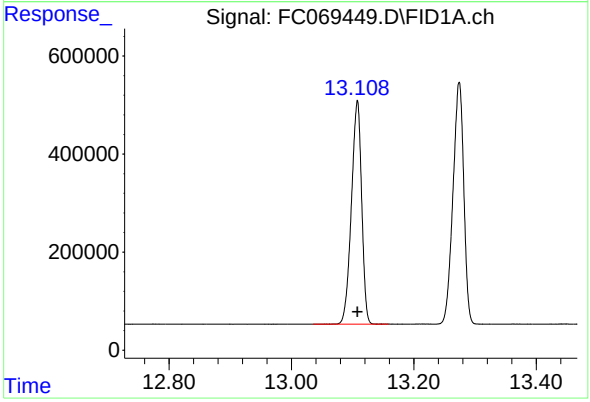
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.000 min
Response: 6253714
Conc: 49.10 ug/ml



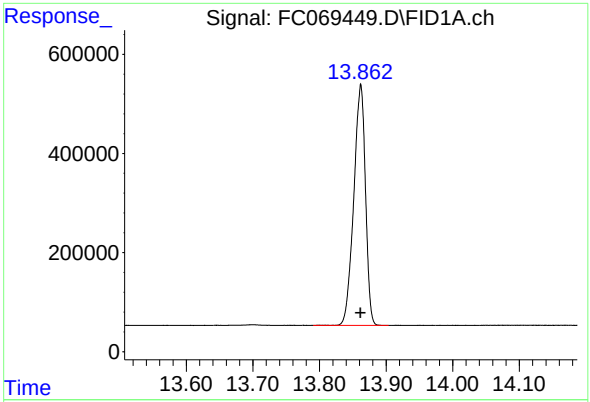
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.000 min
Response: 6056701
Conc: 49.13 ug/ml



#12 1-chlorooctadecane (SURR)

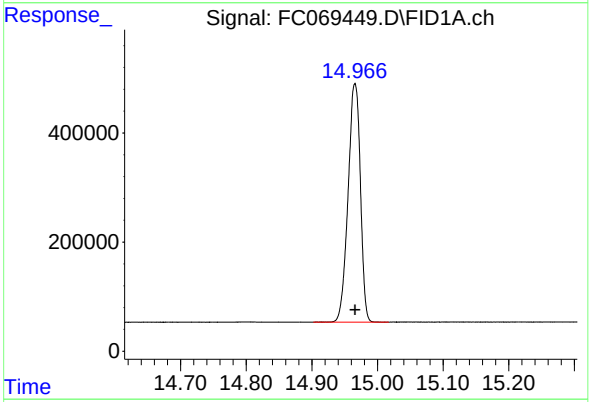
R.T.: 13.107 min
Delta R.T.: 0.000 min
Response: 5294608
Conc: 49.13 ug/ml



#13 n-Docosane (C22)

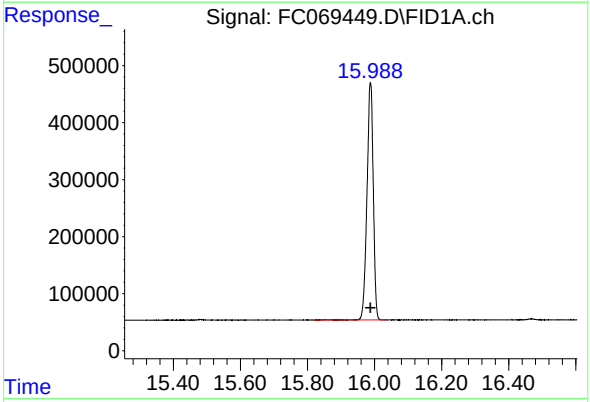
R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 5923068
Conc: 49.11 ug/ml

Instrument :
FID_C
ClientSampleId :



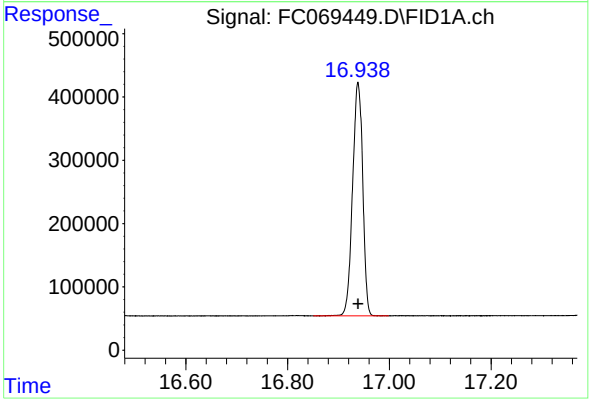
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.000 min
Response: 5695887
Conc: 49.11 ug/ml



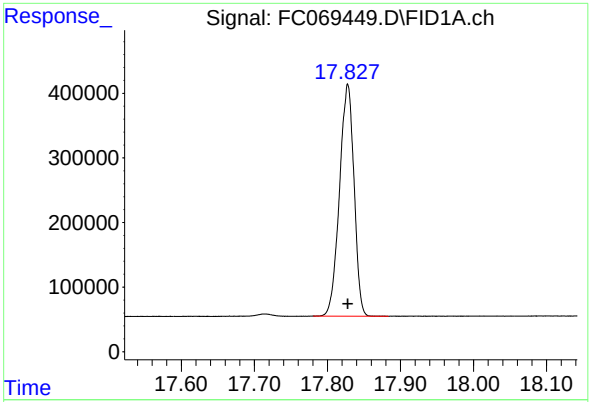
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.000 min
Response: 5408177
Conc: 49.06 ug/ml



#16 n-Octacosane (C28)

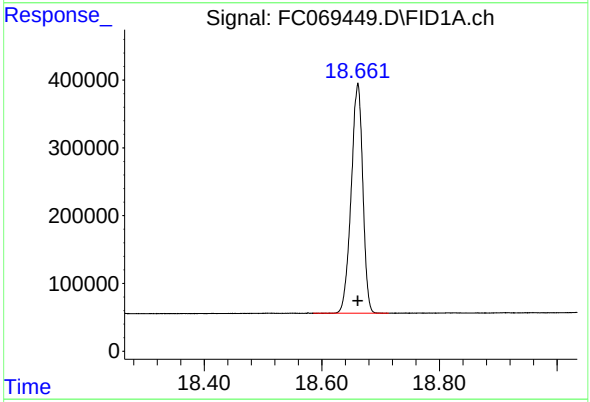
R.T.: 16.939 min
Delta R.T.: 0.000 min
Response: 5097417
Conc: 48.85 ug/ml



#17 n-Tricontane (C30)

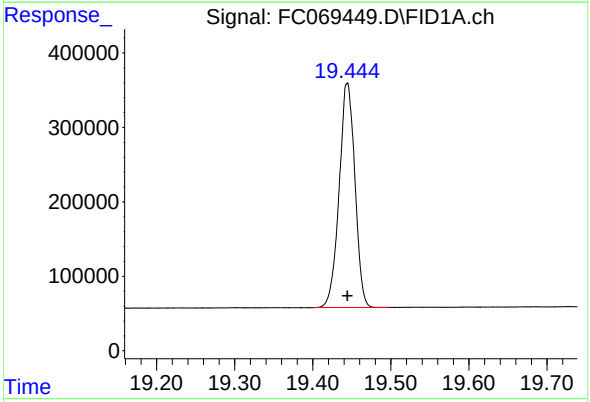
R.T.: 17.828 min
Delta R.T.: 0.000 min
Response: 4961375
Conc: 48.68 ug/ml

Instrument :
FID_C
ClientSampleId :



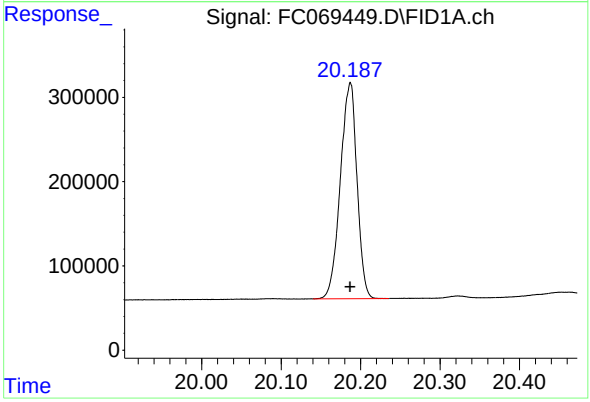
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.000 min
Response: 4644179
Conc: 48.53 ug/ml



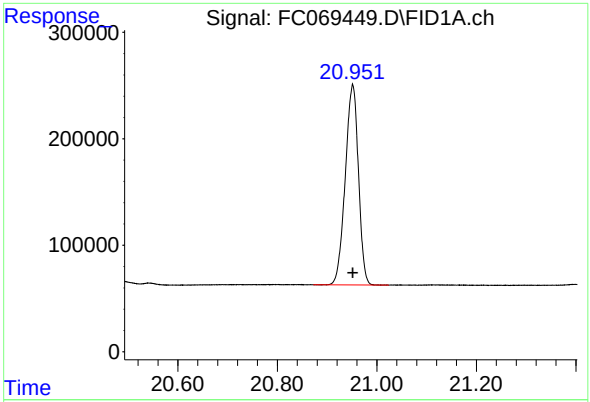
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 4230530
Conc: 48.47 ug/ml



#20 n-Hexatriacontane (C36)

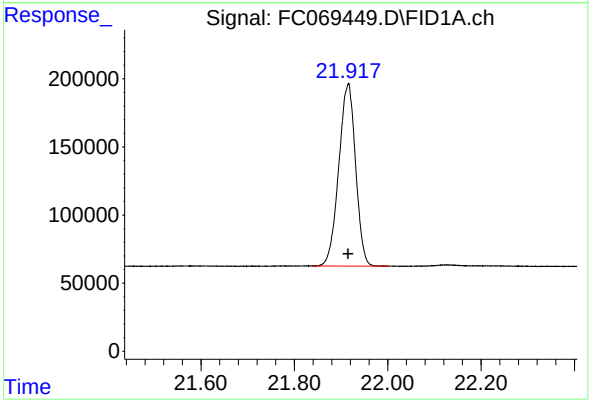
R.T.: 20.187 min
Delta R.T.: 0.000 min
Response: 3732506
Conc: 48.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.000 min
Response: 3453731
Conc: 48.56 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 3352069
Conc: 48.65 ug/ml