

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068755.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 20:19
 Operator : YP/AJ
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-QMSD

Integration File: sample.E
 Quant Time: May 05 11:49:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.714	2930800	23.016 ug/ml
Spiked Amount 50.000		Recovery =	46.03%
12) S 1-chlorooctadecane (S...	13.147	2271721	24.455 ug/ml
Spiked Amount 50.000		Recovery =	48.91%
Target Compounds			
1) T n-Nonane (C9)	3.447	3589621	34.082 ug/ml
2) T n-Decane (C10)	4.522	3962068	37.605 ug/ml
3) T A~Naphthalene (C11.7)	6.118	4661571	40.027 ug/ml
4) T n-Dodecane (C12)	6.546	4042734	38.443 ug/ml
5) T A~2-methylnaphthalene...	7.176	4282473	37.078 ug/ml
6) T n-Tetradecane (C14)	8.345	4121660	40.092 ug/ml
7) T n-Hexadecane (C16)	9.947	4298951	42.212 ug/ml
8) T n-Octadecane (C18)	11.391	4374877	43.474 ug/ml
10) T n-Eicosane (C20)	12.704	4477221	45.519 ug/ml
11) T n-Heneicosane (C21)	13.315	4274596	43.861 ug/ml
13) T n-Docosane (C22)	13.903	4255877	44.059 ug/ml
14) T n-Tetracosane (C24)	15.000	9192026	96.571 ug/ml
15) T n-Hexacosane (C26)	16.031	4221848	45.200 ug/ml
16) T n-Octacosane (C28)	16.980	4314401	47.122 ug/ml
17) T n-Tricontane (C30)	17.871	4346666	47.281 ug/ml
18) T n-Dotriacontane (C32)	18.704	4340625	47.320 ug/ml
19) T n-Tetratriacontane (C34)	19.488	4407975	49.340 ug/ml
20) T n-Hexatriacontane (C36)	20.229	4255451	47.505 ug/ml
21) T n-Octatriacontane (C38)	21.006	4234337	47.893 ug/ml
22) T n-Tetracontane (C40)	21.983	4200791	47.571 ug/ml

(f)=RT Delta > 1/2 Window

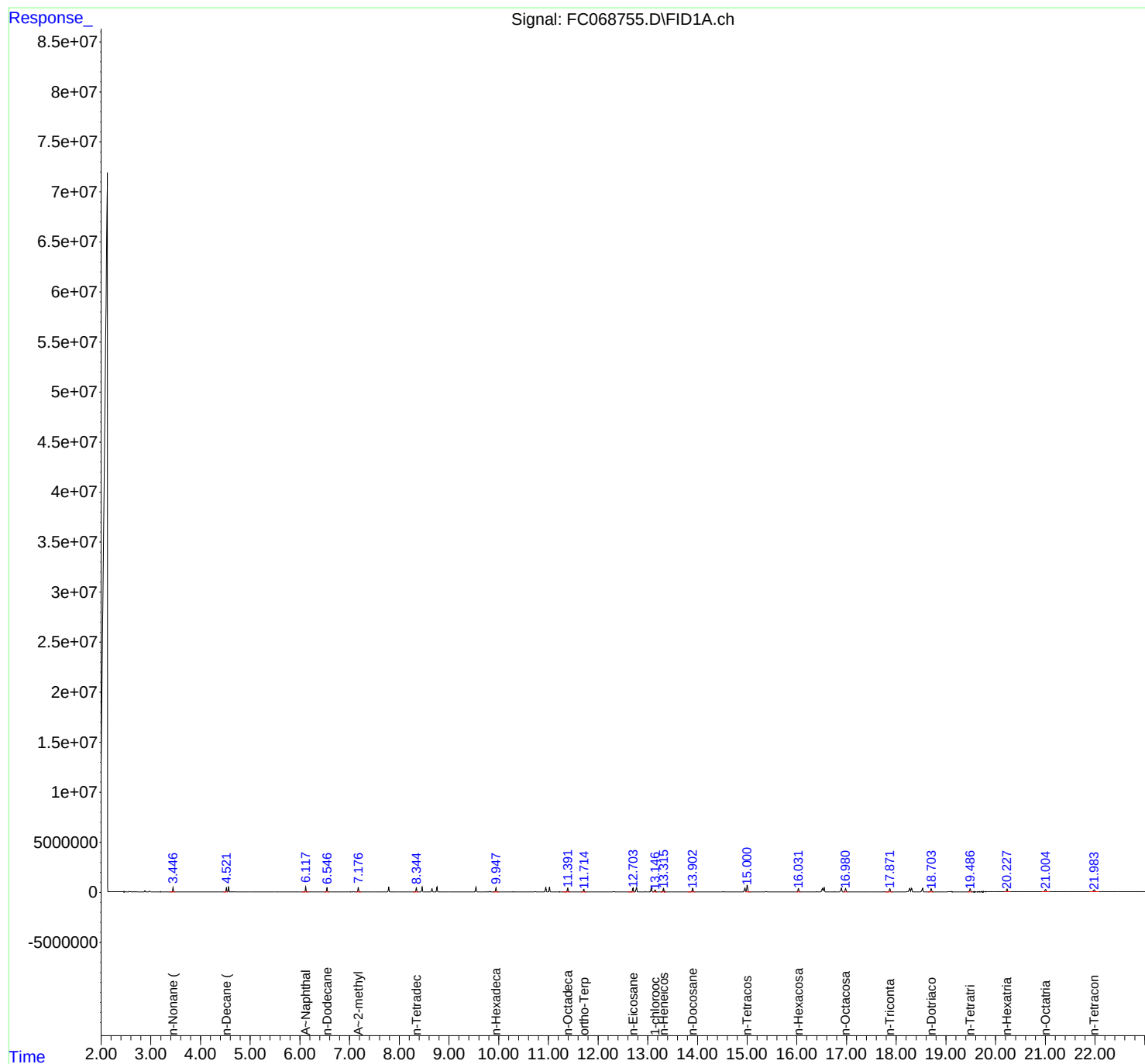
(m)=manual int.

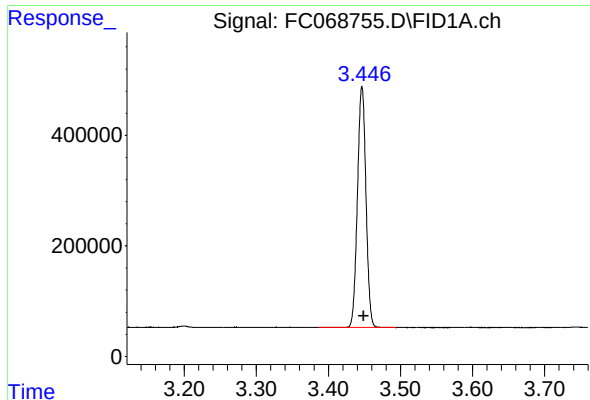
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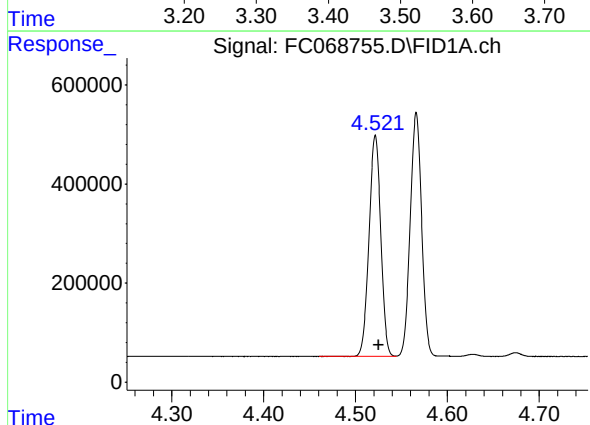




#1 n-Nonane (C9)

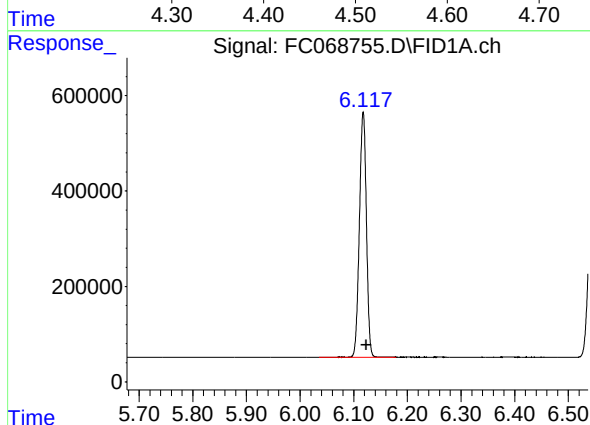
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 3589621
Conc: 34.08 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



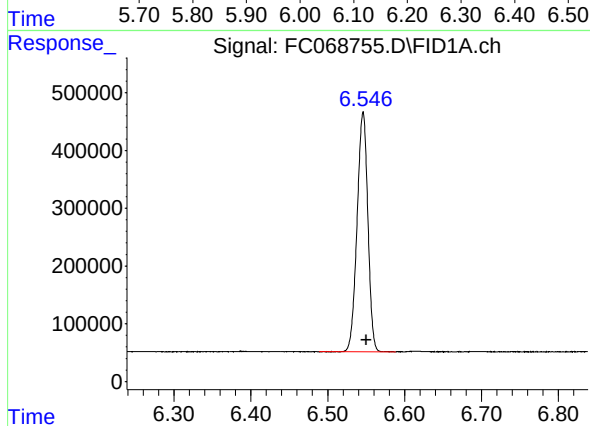
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 3962068
Conc: 37.61 ug/ml



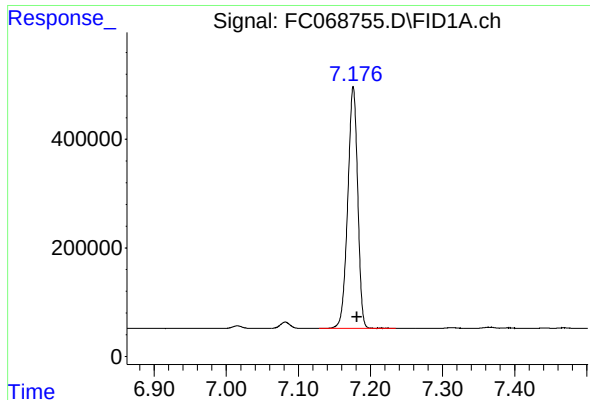
#3 A~Naphthalene (C11.7)

R.T.: 6.118 min
Delta R.T.: -0.006 min
Response: 4661571
Conc: 40.03 ug/ml



#4 n-Dodecane (C12)

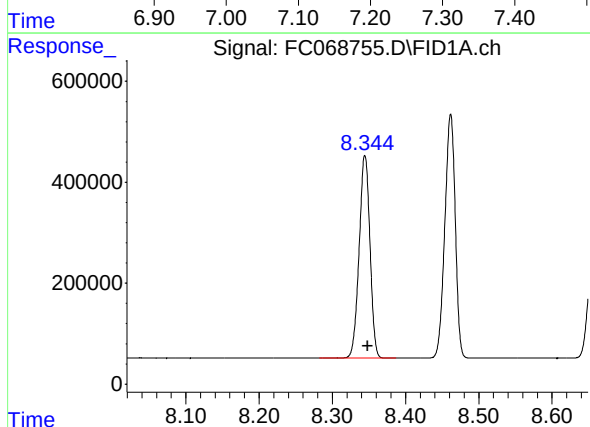
R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 4042734
Conc: 38.44 ug/ml



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

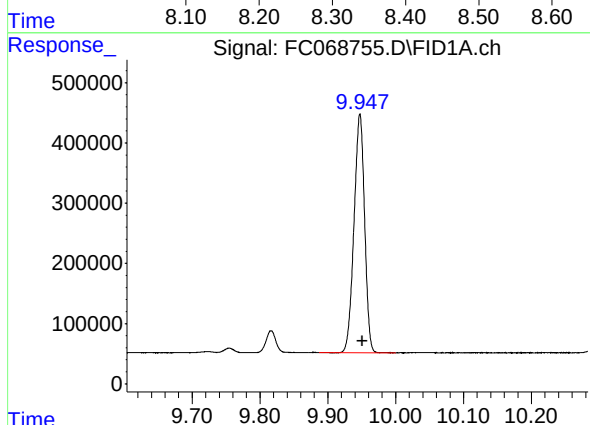
R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 4282473
Conc: 37.08 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



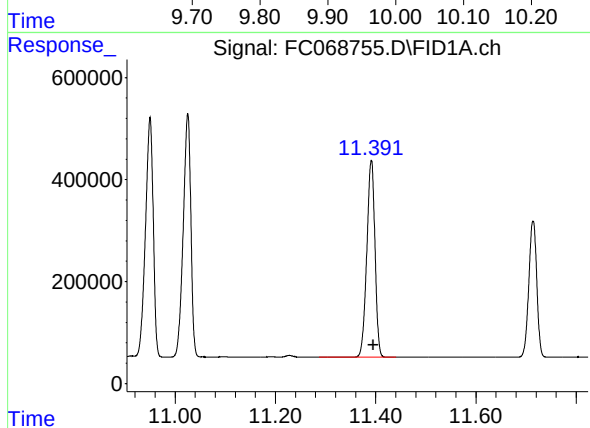
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 4121660
Conc: 40.09 ug/ml



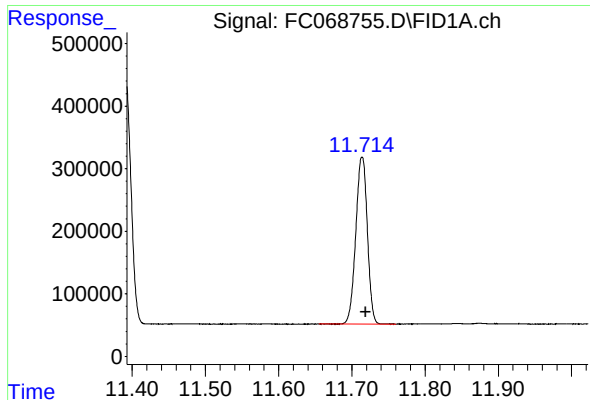
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: -0.004 min
Response: 4298951
Conc: 42.21 ug/ml



#8 n-Octadecane (C18)

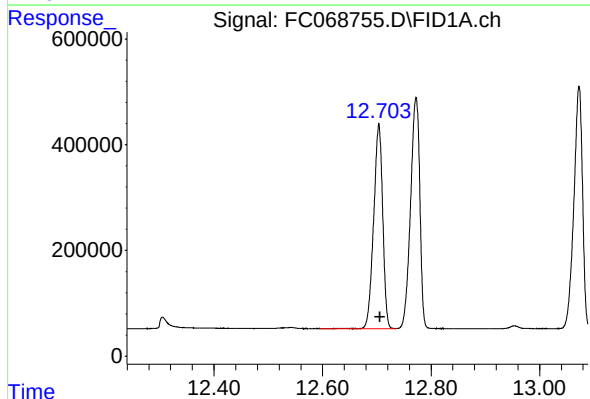
R.T.: 11.391 min
Delta R.T.: -0.004 min
Response: 4374877
Conc: 43.47 ug/ml



#9 ortho-Terphenyl (SURR)

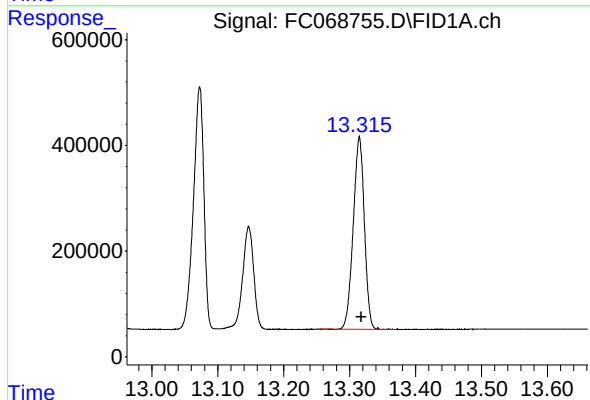
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 2930800
Conc: 23.02 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



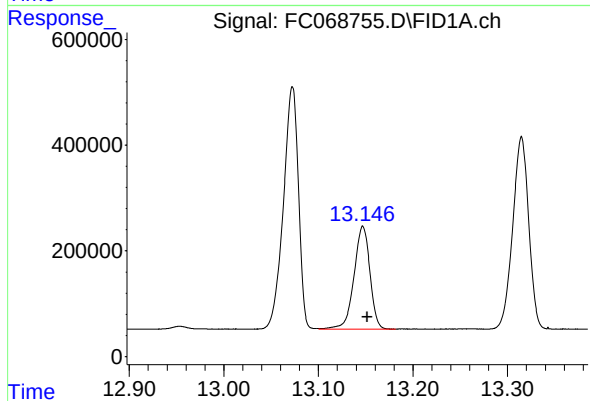
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 4477221
Conc: 45.52 ug/ml



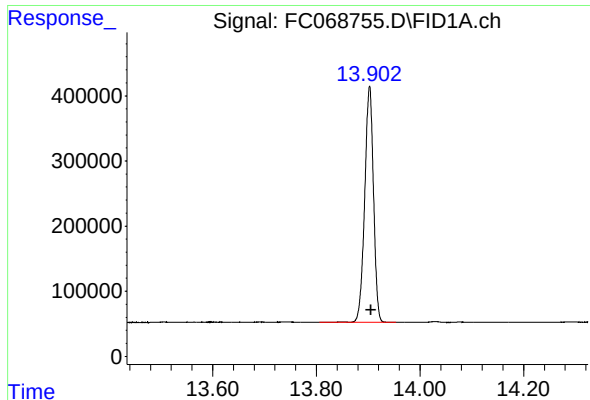
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 4274596
Conc: 43.86 ug/ml



#12 1-chlorooctadecane (SURR)

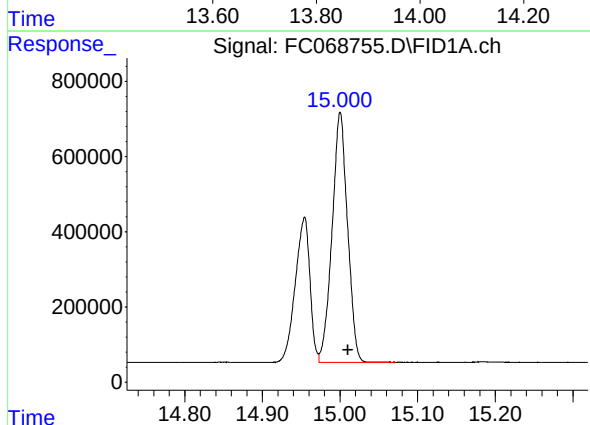
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 2271721
Conc: 24.45 ug/ml



#13 n-Docosane (C22)

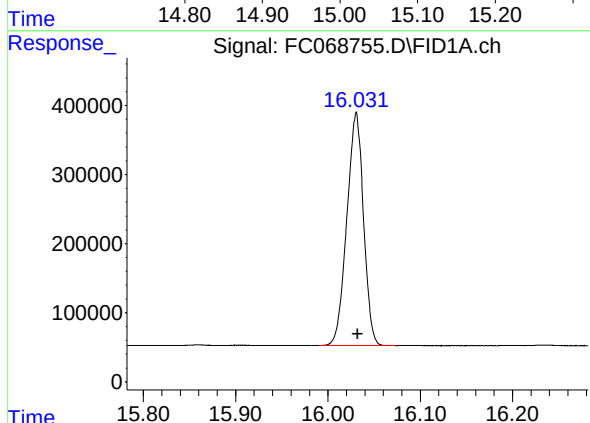
R.T.: 13.903 min
Delta R.T.: -0.003 min
Response: 4255877
Conc: 44.06 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



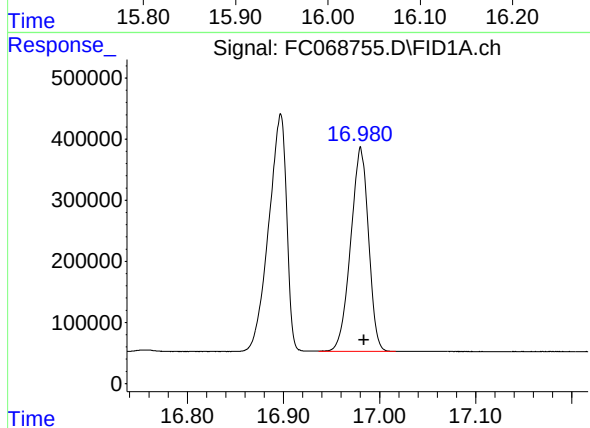
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.010 min
Response: 9192026
Conc: 96.57 ug/ml



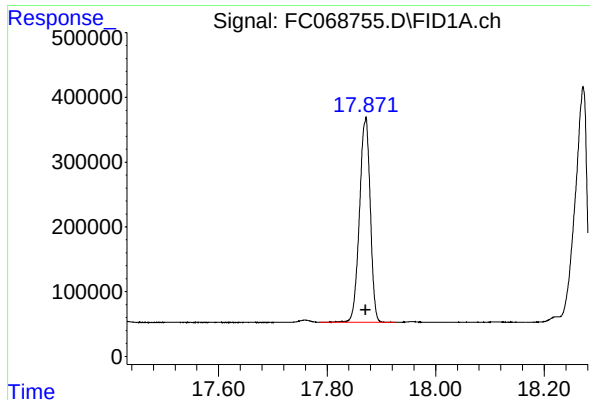
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: -0.001 min
Response: 4221848
Conc: 45.20 ug/ml



#16 n-Octacosane (C28)

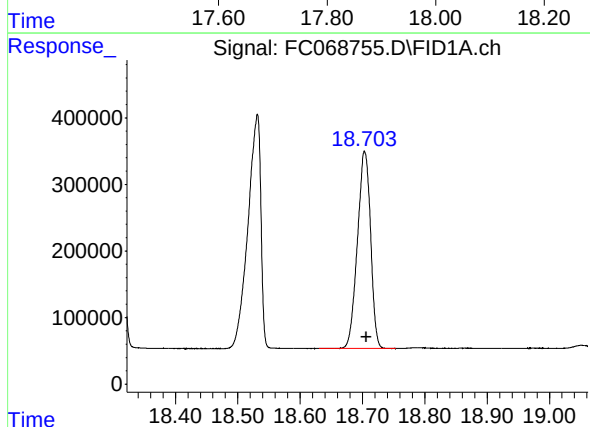
R.T.: 16.980 min
Delta R.T.: -0.003 min
Response: 4314401
Conc: 47.12 ug/ml



#17 n-Tricontane (C30)

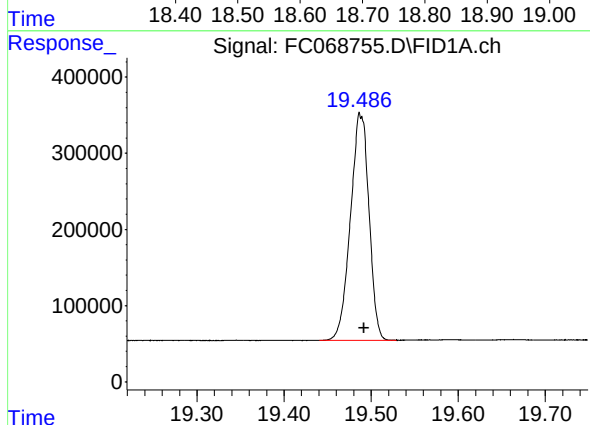
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4346666
Conc: 47.28 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



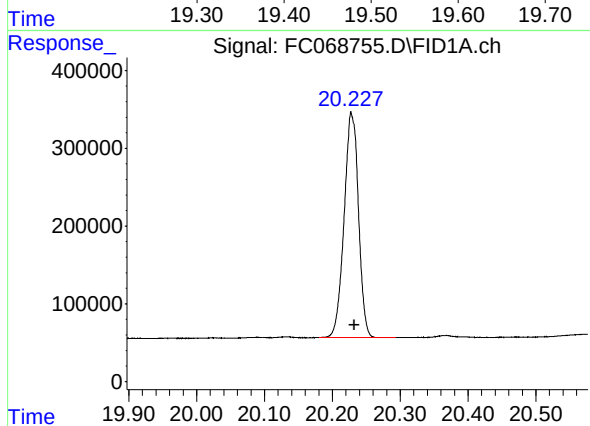
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 4340625
Conc: 47.32 ug/ml



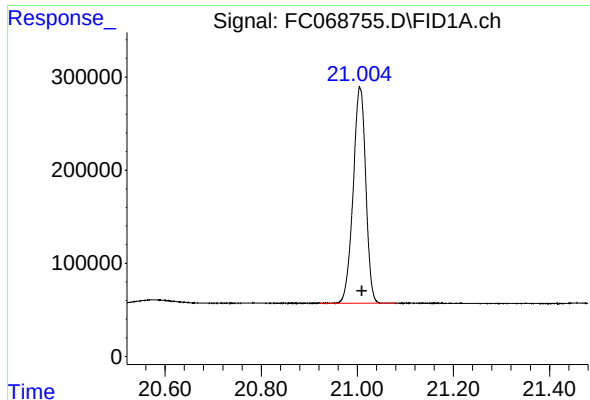
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.004 min
Response: 4407975
Conc: 49.34 ug/ml



#20 n-Hexatriacontane (C36)

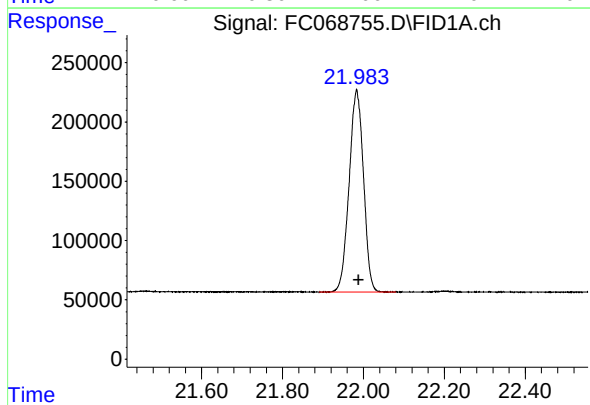
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 4255451
Conc: 47.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.004 min
Response: 4234337
Conc: 47.89 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-QMSD



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.005 min
Response: 4200791
Conc: 47.57 ug/ml