

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
 Data File : FC063971.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 20:40
 Operator : YP/AJ
 Sample : 03327-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH-TW-02MSD

Integration File: autoint1.e
 Quant Time: Jun 24 03:42:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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			
12) S 1-chlorooctadecane (S...	12.964	6215238	48.643 ug/ml
Spiked Amount 50.000		Recovery =	97.29%
Target Compounds			
1) T n-Nonane (C9)	3.308	3632218	22.789 ug/ml
2) T n-Decane (C10)	4.371	4386632	27.137 ug/ml
4) T n-Dodecane (C12)	6.385	4959741	30.333 ug/ml
6) T n-Tetradecane (C14)	8.177	5197870	33.050 ug/ml
7) T n-Hexadecane (C16)	9.775	5753360	36.153 ug/ml
8) T n-Octadecane (C18)	11.213	5979327	37.789 ug/ml
10) T n-Eicosane (C20)	12.520	5899137	39.888 ug/ml
11) T n-Heneicosane (C21)	13.131	5653145	39.273 ug/ml
13) T n-Docosane (C22)	13.715	5559351	39.464 ug/ml
14) T n-Tetracosane (C24)	14.814	5436331	39.618 ug/ml
15) T n-Hexacosane (C26)	15.832	5337572	40.255 ug/ml
16) T n-Octacosane (C28)	16.780	5253060	41.370 ug/ml
17) T n-Tricontane (C30)	17.664	5303933	41.514 ug/ml
18) T n-Dotriacontane (C32)	18.494	5256778	42.246 ug/ml
19) T n-Tetratriacontane (C34)	19.275	5229604	42.414 ug/ml
20) T n-Hexatriacontane (C36)	20.012	4970219	41.411 ug/ml
21) T n-Octatriacontane (C38)	20.736	4924713	40.791 ug/ml
22) T n-Tetracontane (C40)	21.625	4832684	39.884 ug/ml

(f)=RT Delta > 1/2 Window

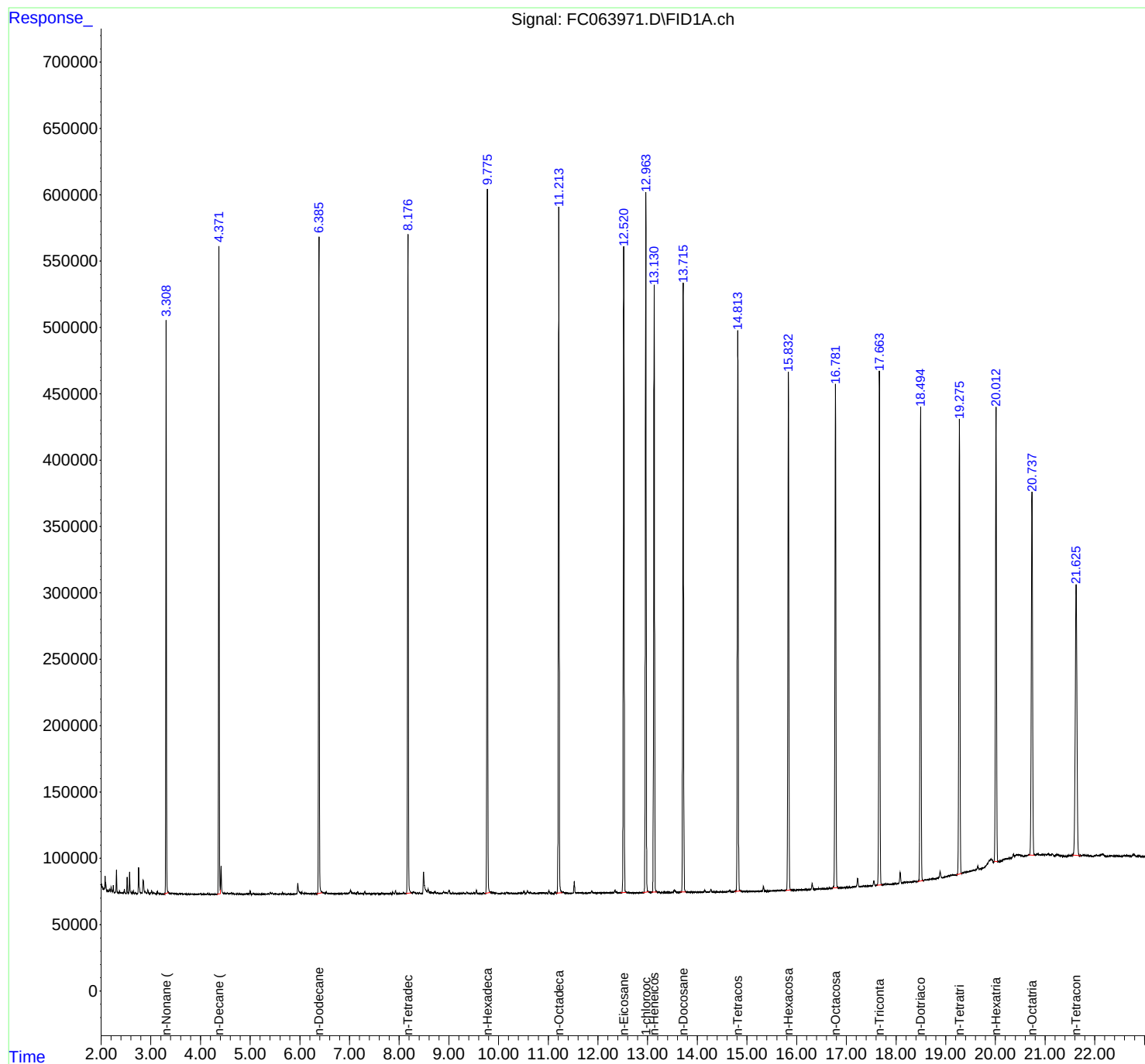
(m)=manual int.

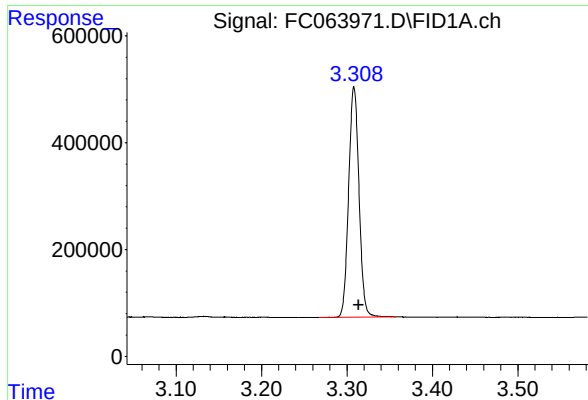
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
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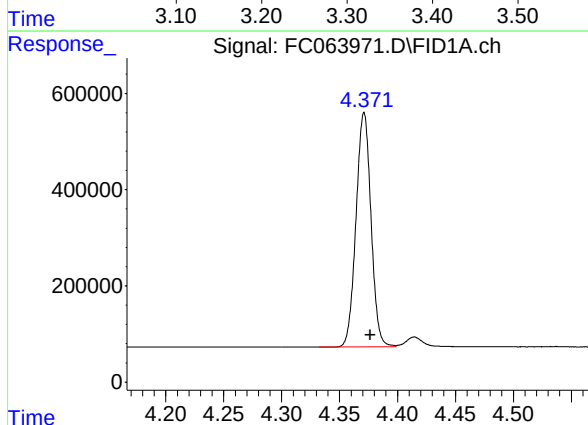




#1 n-Nonane (C9)

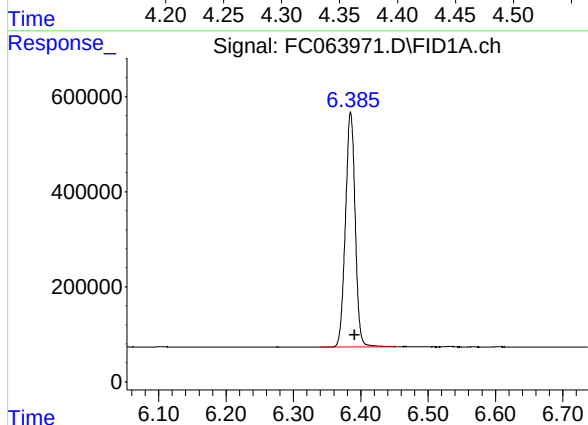
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 3632218
Conc: 22.79 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH-TW-02MSD



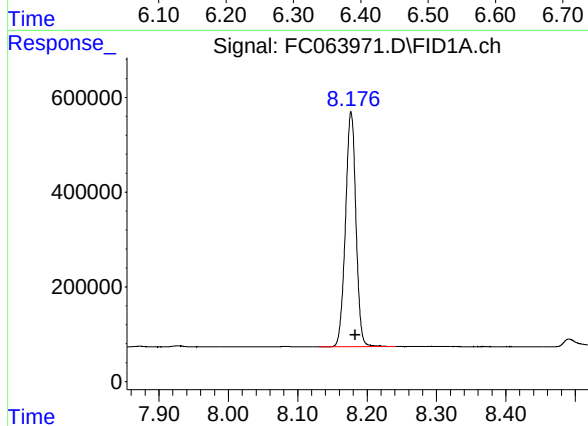
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.005 min
Response: 4386632
Conc: 27.14 ug/ml



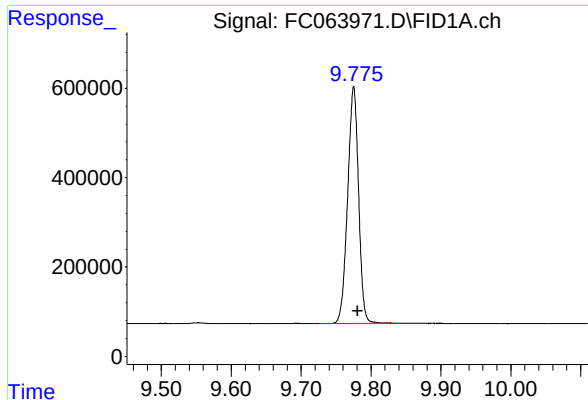
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 4959741
Conc: 30.33 ug/ml



#6 n-Tetradecane (C14)

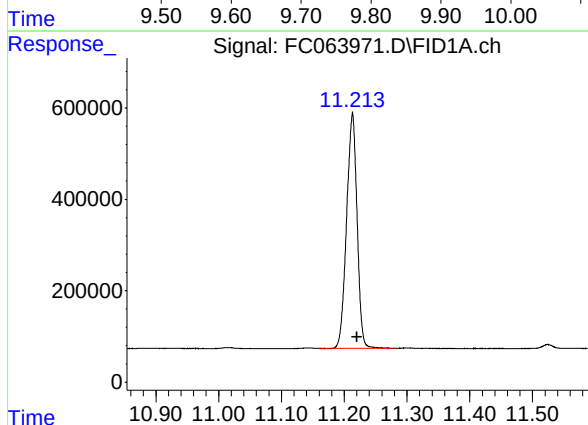
R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 5197870
Conc: 33.05 ug/ml



#7 n-Hexadecane (C16)

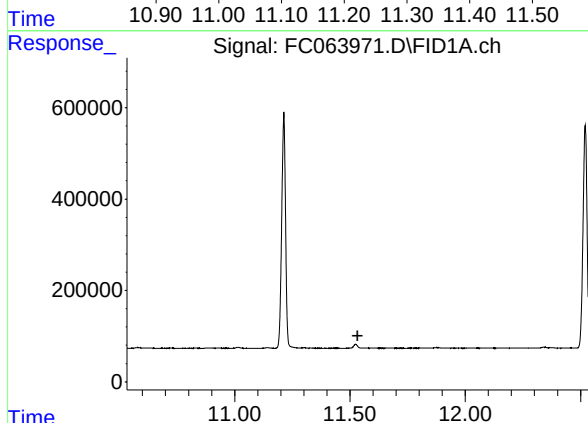
R.T.: 9.775 min
Delta R.T.: -0.006 min
Response: 5753360
Conc: 36.15 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH-TW-02MSD



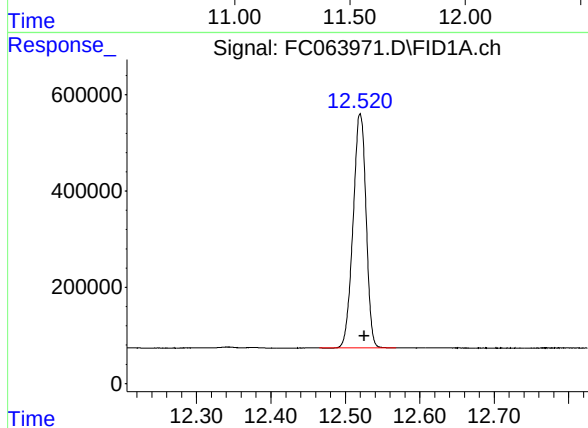
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.007 min
Response: 5979327
Conc: 37.79 ug/ml



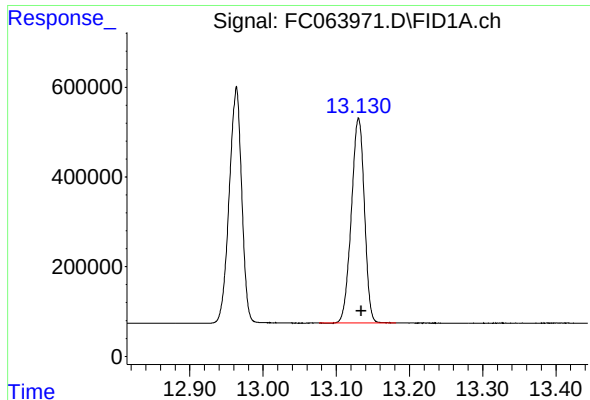
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.533 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

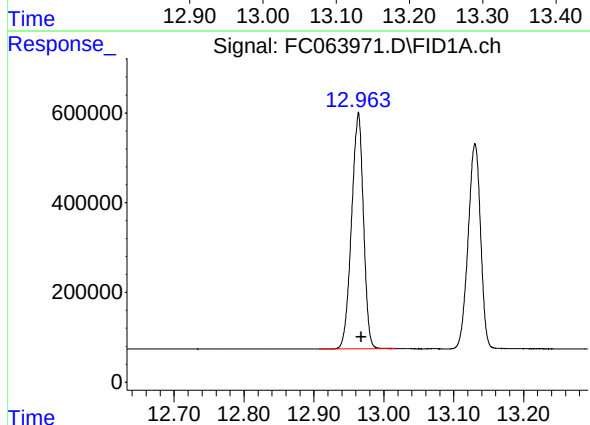
R.T.: 12.520 min
Delta R.T.: -0.005 min
Response: 5899137
Conc: 39.89 ug/ml



#11 n-Heneicosane (C21)

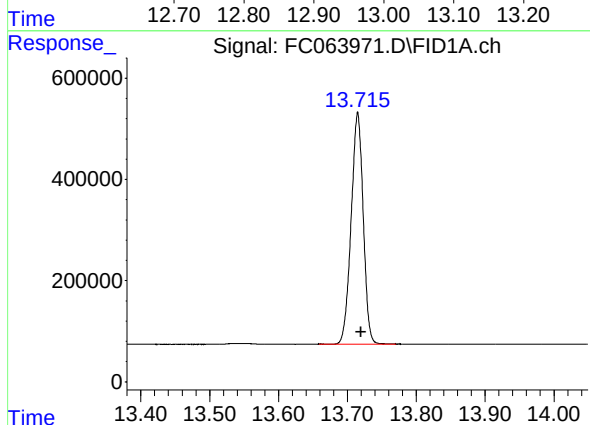
R.T.: 13.131 min
Delta R.T.: -0.004 min
Response: 5653145
Conc: 39.27 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH-TW-02MSD



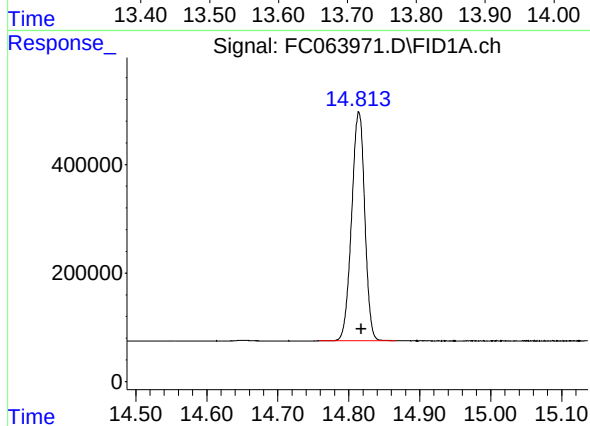
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.004 min
Response: 6215238
Conc: 48.64 ug/ml



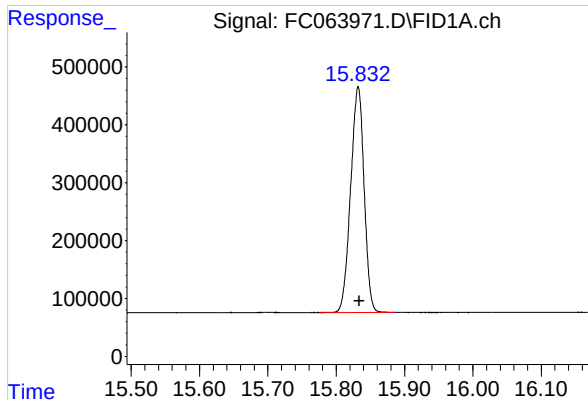
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.005 min
Response: 5559351
Conc: 39.46 ug/ml



#14 n-Tetracosane (C24)

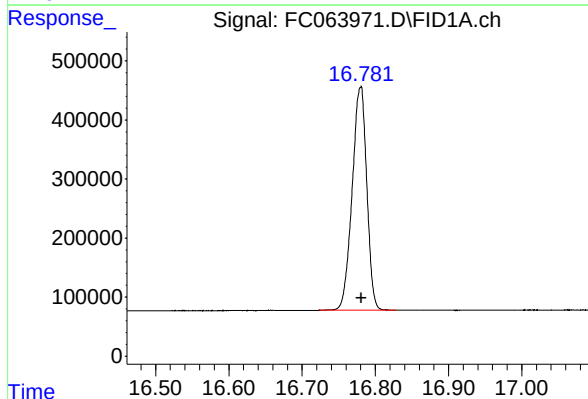
R.T.: 14.814 min
Delta R.T.: -0.003 min
Response: 5436331
Conc: 39.62 ug/ml



#15 n-Hexacosane (C26)

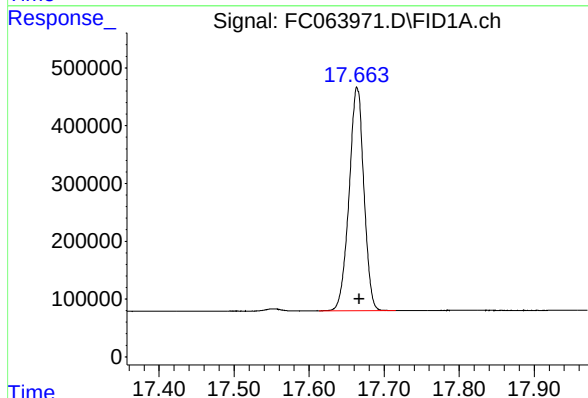
R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 5337572
Conc: 40.26 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH-TW-02MSD



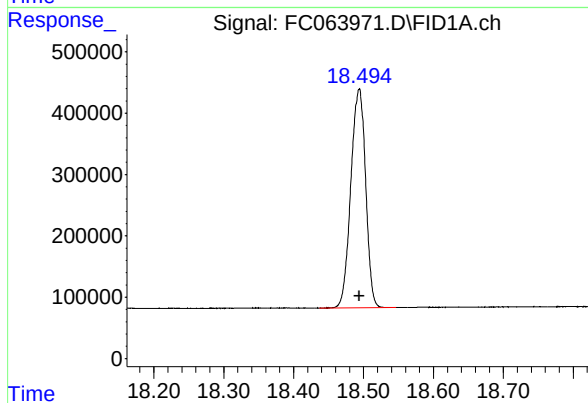
#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.000 min
Response: 5253060
Conc: 41.37 ug/ml



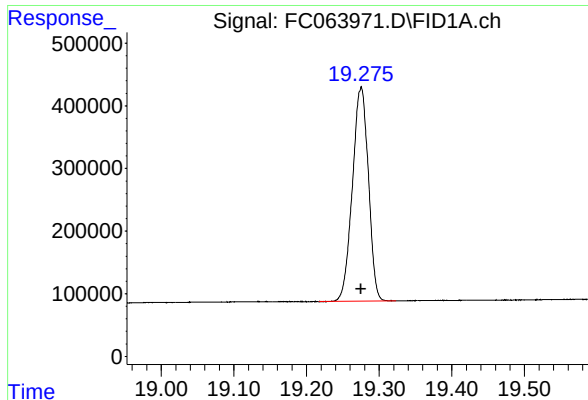
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: -0.003 min
Response: 5303933
Conc: 41.51 ug/ml



#18 n-Dotriacontane (C32)

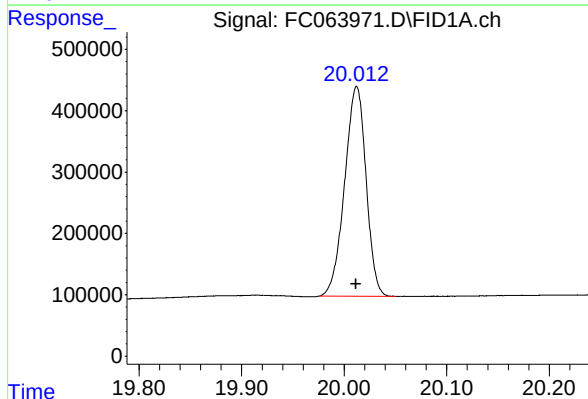
R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 5256778
Conc: 42.25 ug/ml



#19 n-Tetratriacontane (C34)

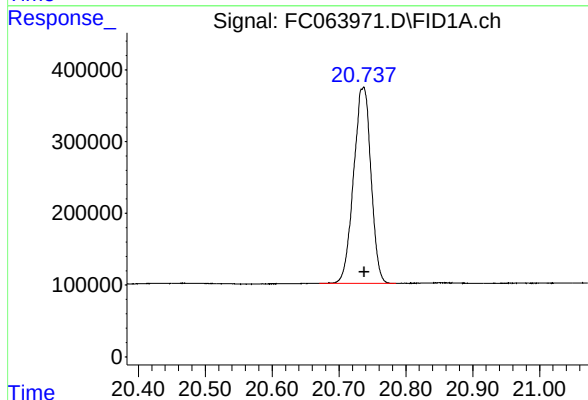
R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 5229604
Conc: 42.41 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH-TW-02MSD



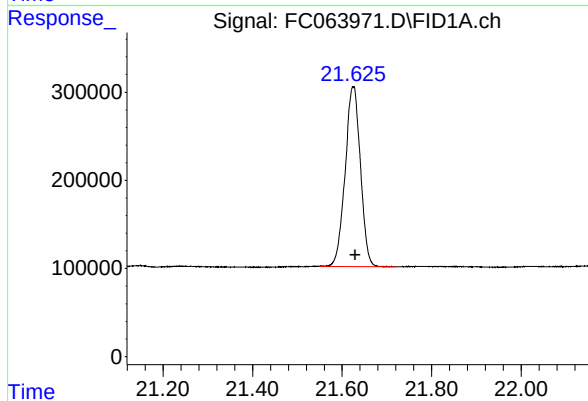
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 4970219
Conc: 41.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.001 min
Response: 4924713
Conc: 40.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.004 min
Response: 4832684
Conc: 39.88 ug/ml