

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060324.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 5:58
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:03:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.659	2839537	18.246 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	12.030	2229631	17.983 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	2.622	2675616	20.905 ug/ml
2) T n-Decane (C10)	3.623	2674319	20.904 ug/ml
3) T A~Naphthalene (C11.7)	5.168	2962068	20.493 ug/ml
4) T n-Dodecane (C12)	5.581	2755355	20.669 ug/ml
5) T A~2-methylnaphthalene...	6.195	2986760	20.350 ug/ml
6) T n-Tetradecane (C14)	7.335	2771527	20.302 ug/ml
7) T n-Hexadecane (C16)	8.901	2770637	19.747 ug/ml
8) T n-Octadecane (C18)	10.313	2737456	19.129 ug/ml
10) T n-Eicosane (C20)	11.594	2623016	18.385 ug/ml
11) T n-Heneicosane (C21)	12.193	2586391	18.044 ug/ml
13) T n-Docosane (C22)	12.767	2543131	17.847 ug/ml
14) T n-Tetracosane (C24)	13.847	2452955	17.480 ug/ml
15) T n-Hexacosane (C26)	14.846	2378757	17.566 ug/ml
16) T n-Octacosane (C28)	15.776	2353522	18.071 ug/ml
17) T n-Tricontane (C30)	16.645	2399509	19.600 ug/ml
18) T n-Dotriacontane (C32)	17.461	2507870	22.493 ug/ml
19) T n-Tetratriacontane (C34)	18.227	2322954	22.775 ug/ml
20) T n-Hexatriacontane (C36)	18.950	1942086	20.508 ug/ml
21) T n-Octatriacontane (C38)	19.634	2119266	22.970 ug/ml
22) T n-Tetracontane (C40)	20.283	2655809	28.227 ug/ml

(f)=RT Delta > 1/2 Window

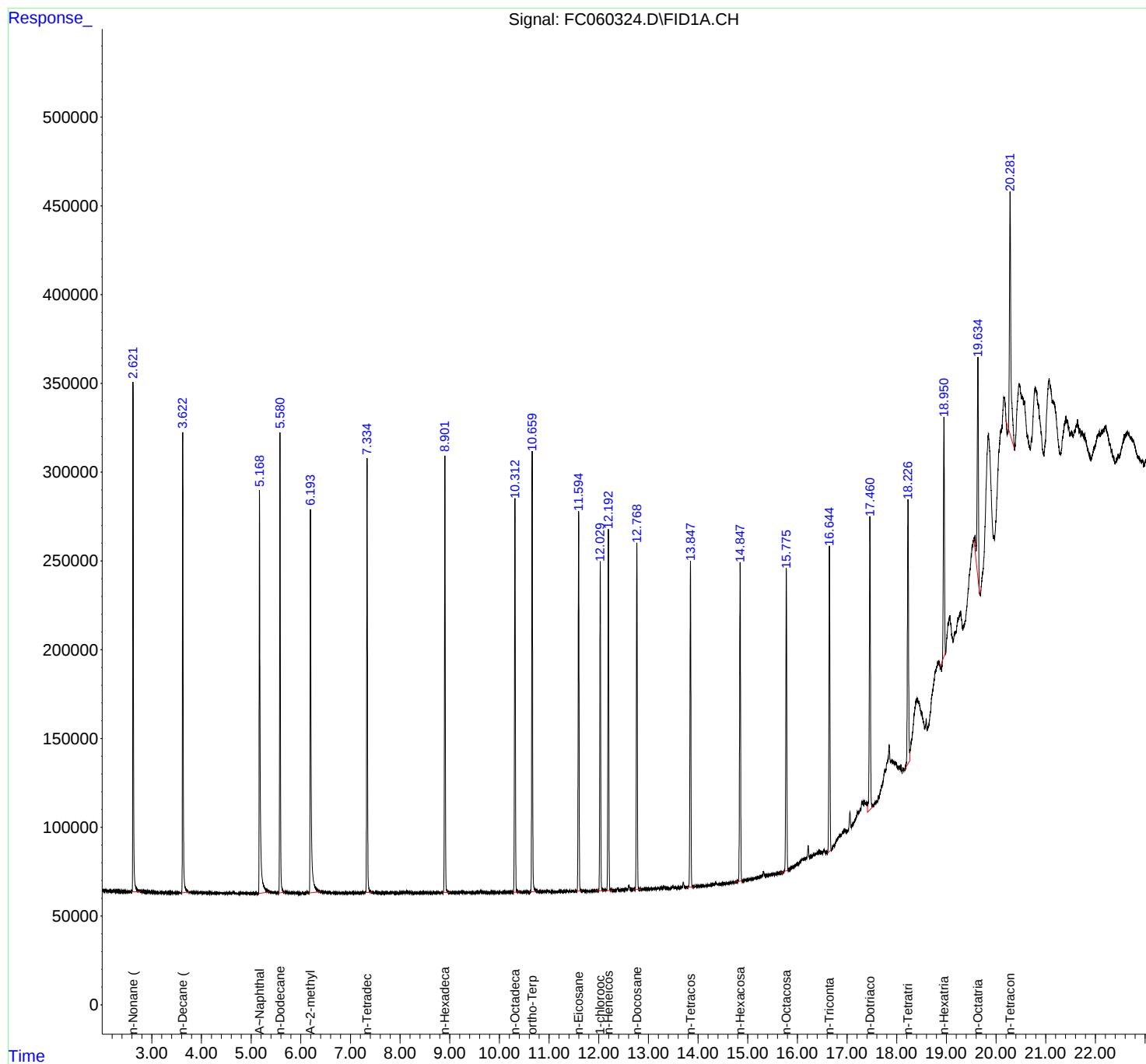
(m)=manual int.

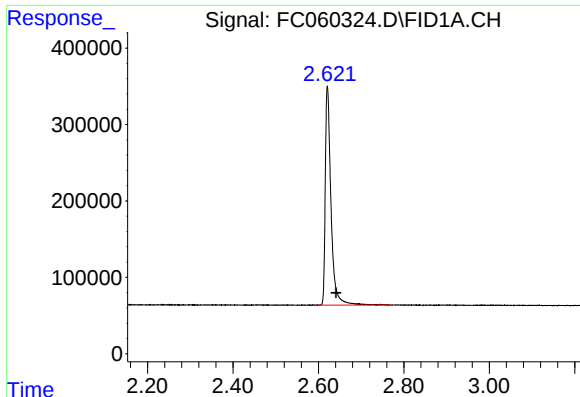
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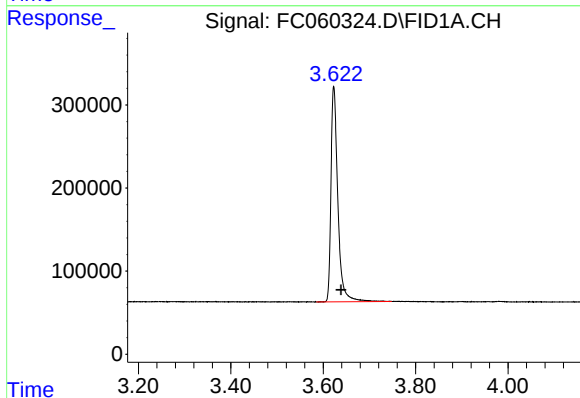




#1 n-Nonane (C9)

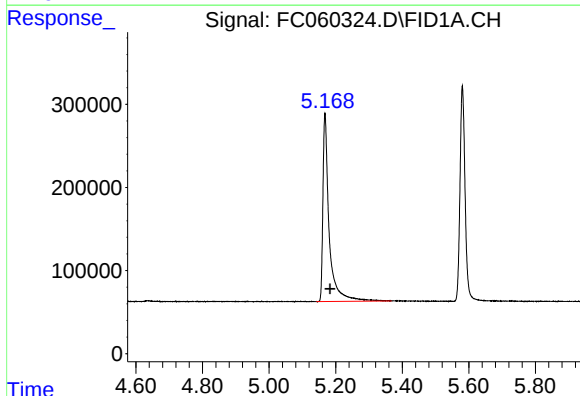
R.T.: 2.622 min
Delta R.T.: -0.019 min
Response: 2675616
Conc: 20.91 ug/ml

Instrument :
FID_C
ClientSampleId :



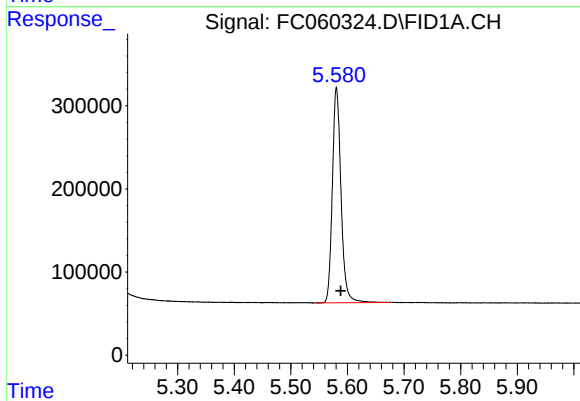
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 2674319
Conc: 20.90 ug/ml



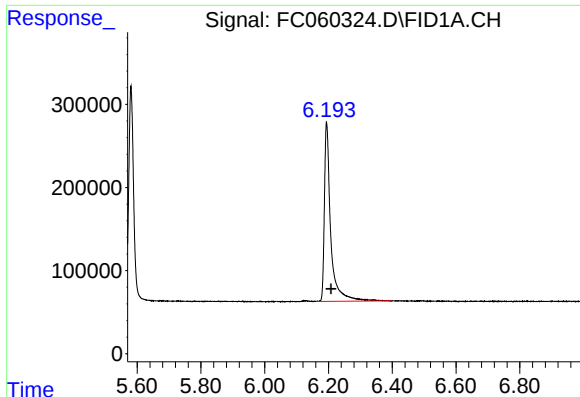
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.015 min
Response: 2962068
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

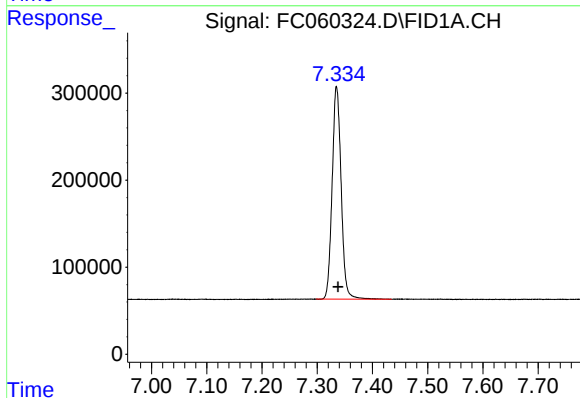
R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2755355
Conc: 20.67 ug/ml



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

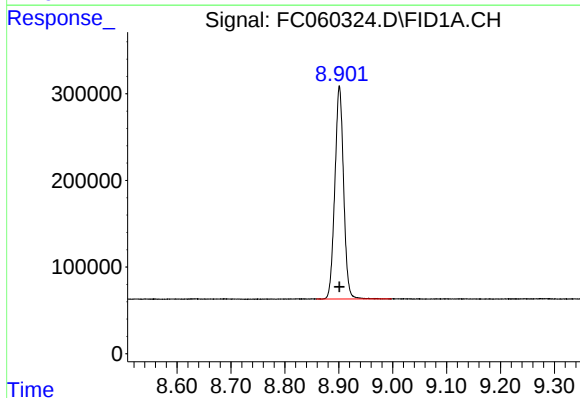
R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 2986760
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :



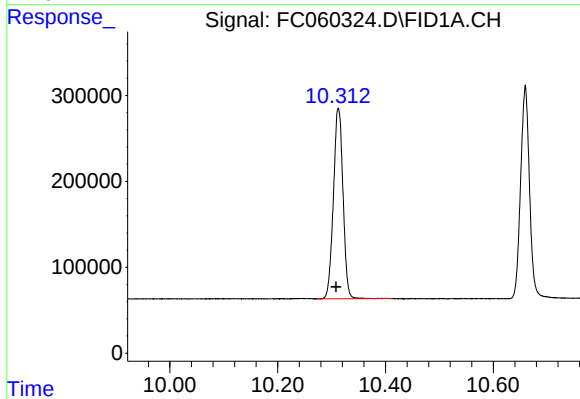
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 2771527
Conc: 20.30 ug/ml



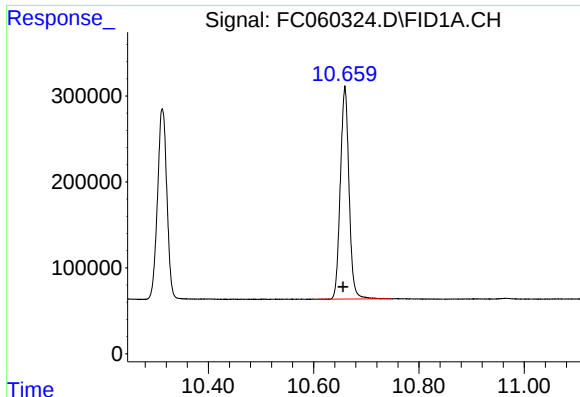
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 2770637
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

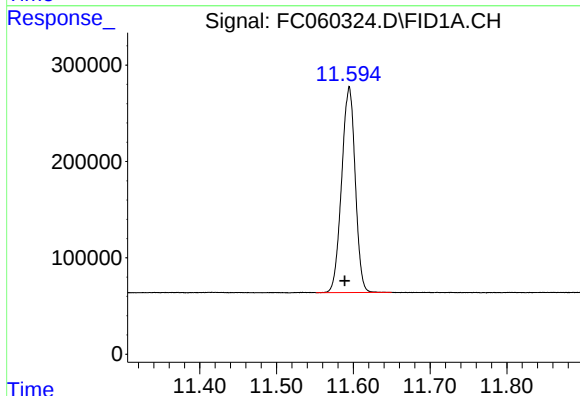
R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 2737456
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

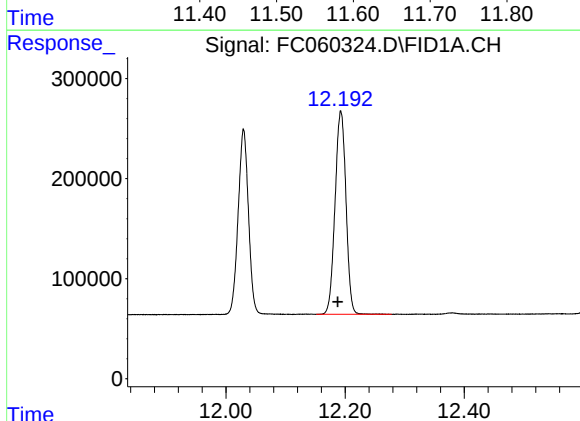
R.T.: 10.659 min
Delta R.T.: 0.003 min
Response: 2839537
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :



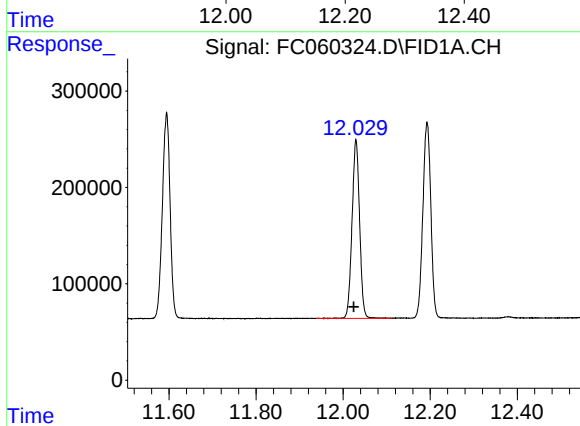
#10 n-Eicosane (C20)

R.T.: 11.594 min
Delta R.T.: 0.005 min
Response: 2623016
Conc: 18.39 ug/ml



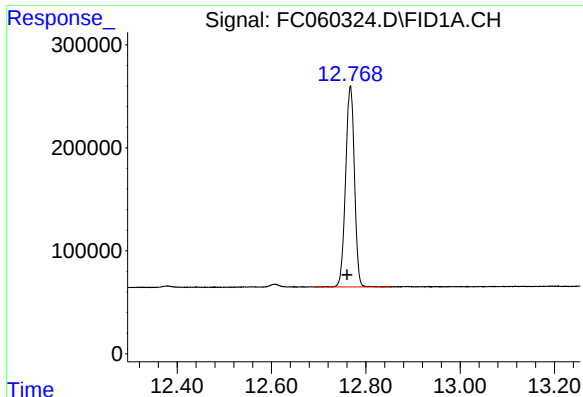
#11 n-Heneicosane (C21)

R.T.: 12.193 min
Delta R.T.: 0.005 min
Response: 2586391
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

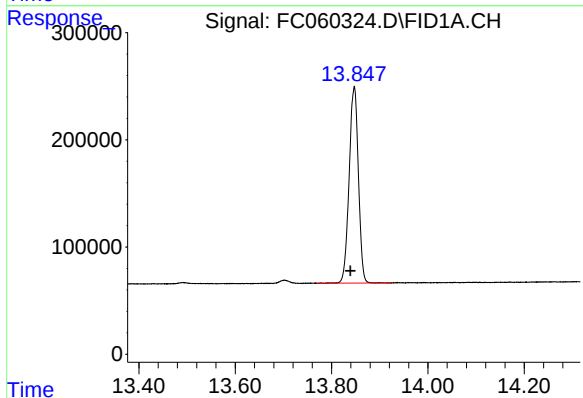
R.T.: 12.030 min
Delta R.T.: 0.005 min
Response: 2229631
Conc: 17.98 ug/ml



#13 n-Docosane (C22)

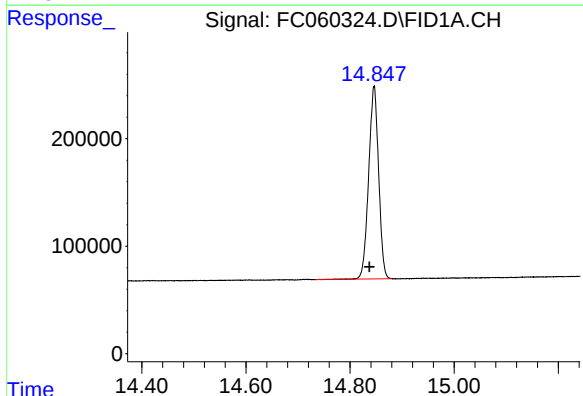
R.T.: 12.767 min
Delta R.T.: 0.006 min
Response: 2543131
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :



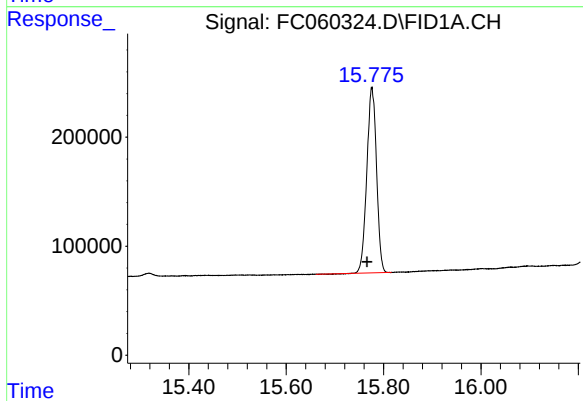
#14 n-Tetracosane (C24)

R.T.: 13.847 min
Delta R.T.: 0.008 min
Response: 2452955
Conc: 17.48 ug/ml



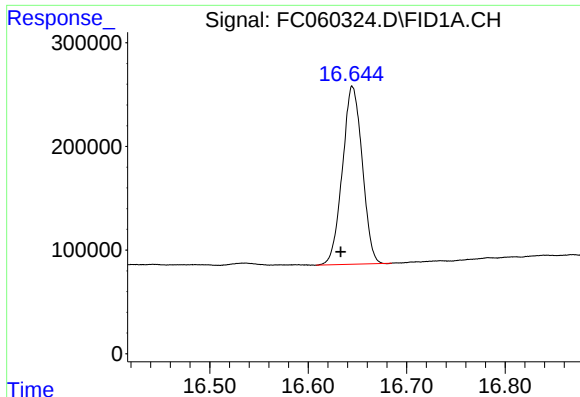
#15 n-Hexacosane (C26)

R.T.: 14.846 min
Delta R.T.: 0.009 min
Response: 2378757
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

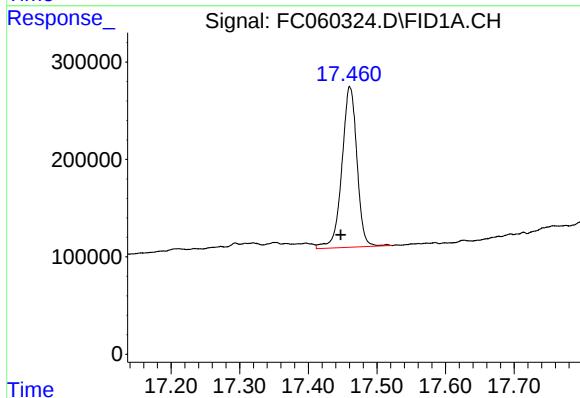
R.T.: 15.776 min
Delta R.T.: 0.010 min
Response: 2353522
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

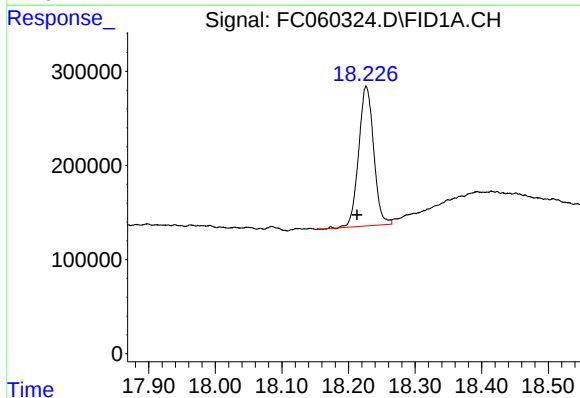
R.T.: 16.645 min
Delta R.T.: 0.012 min
Response: 2399509
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



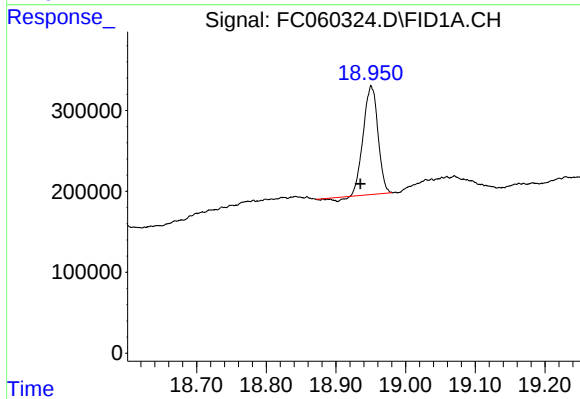
#18 n-Dotriacontane (C32)

R.T.: 17.461 min
Delta R.T.: 0.013 min
Response: 2507870
Conc: 22.49 ug/ml



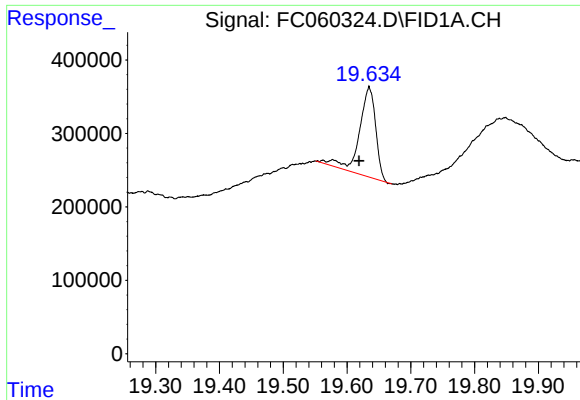
#19 n-Tetratriacontane (C34)

R.T.: 18.227 min
Delta R.T.: 0.014 min
Response: 2322954
Conc: 22.78 ug/ml



#20 n-Hexatriacontane (C36)

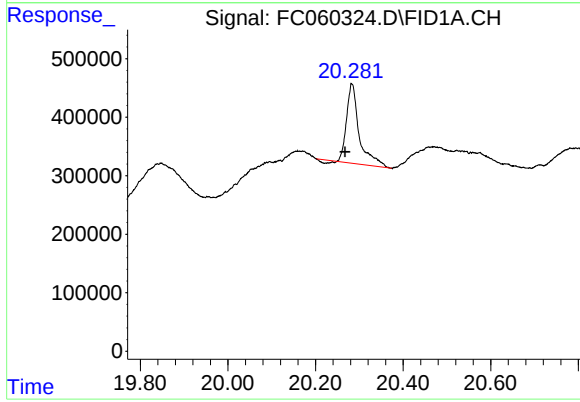
R.T.: 18.950 min
Delta R.T.: 0.015 min
Response: 1942086
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.634 min
Delta R.T.: 0.015 min
Response: 2119266
Conc: 22.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.283 min
Delta R.T.: 0.015 min
Response: 2655809
Conc: 28.23 ug/ml