

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066997.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 14:40
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 12 15:53:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:53:36 2024
 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)	11.509	1579843	10.586 ug/ml
Spiked Amount 50.000		Recovery =	21.17%
12) S 1-chlorooctadecane (S...	12.948	1105121	10.278 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
Target Compounds			
1) T n-Nonane (C9)	3.280	1518085	10.556 ug/ml
2) T n-Decane (C10)	4.346	1545963	10.527 ug/ml
3) T A~Naphthalene (C11.7)	5.925	1638700	10.467 ug/ml
4) T n-Dodecane (C12)	6.363	1548568	10.533 ug/ml
5) T A~2-methylnaphthalene...	6.981	1546170	10.412 ug/ml
6) T n-Tetradecane (C14)	8.157	1490619	10.469 ug/ml
7) T n-Hexadecane (C16)	9.756	1501385	10.411 ug/ml
8) T n-Octadecane (C18)	11.197	1497634	10.447 ug/ml
10) T n-Eicosane (C20)	12.505	1408750	10.460 ug/ml
11) T n-Heneicosane (C21)	13.116	1368294	10.439 ug/ml
13) T n-Docosane (C22)	13.703	1360486	10.511 ug/ml
14) T n-Tetracosane (C24)	14.804	1342585	10.533 ug/ml
15) T n-Hexacosane (C26)	15.825	1314563	10.560 ug/ml
16) T n-Octacosane (C28)	16.774	1284125	10.532 ug/ml
17) T n-Tricontane (C30)	17.660	1302823	10.568 ug/ml
18) T n-Dotriacontane (C32)	18.492	1281008	10.601 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1238480	10.567 ug/ml
20) T n-Hexatriacontane (C36)	20.014	1170004	10.557 ug/ml
21) T n-Octatriacontane (C38)	20.741	1121447	10.510 ug/ml
22) T n-Tetracontane (C40)	21.633	1062611	10.655 ug/ml

(f)=RT Delta > 1/2 Window

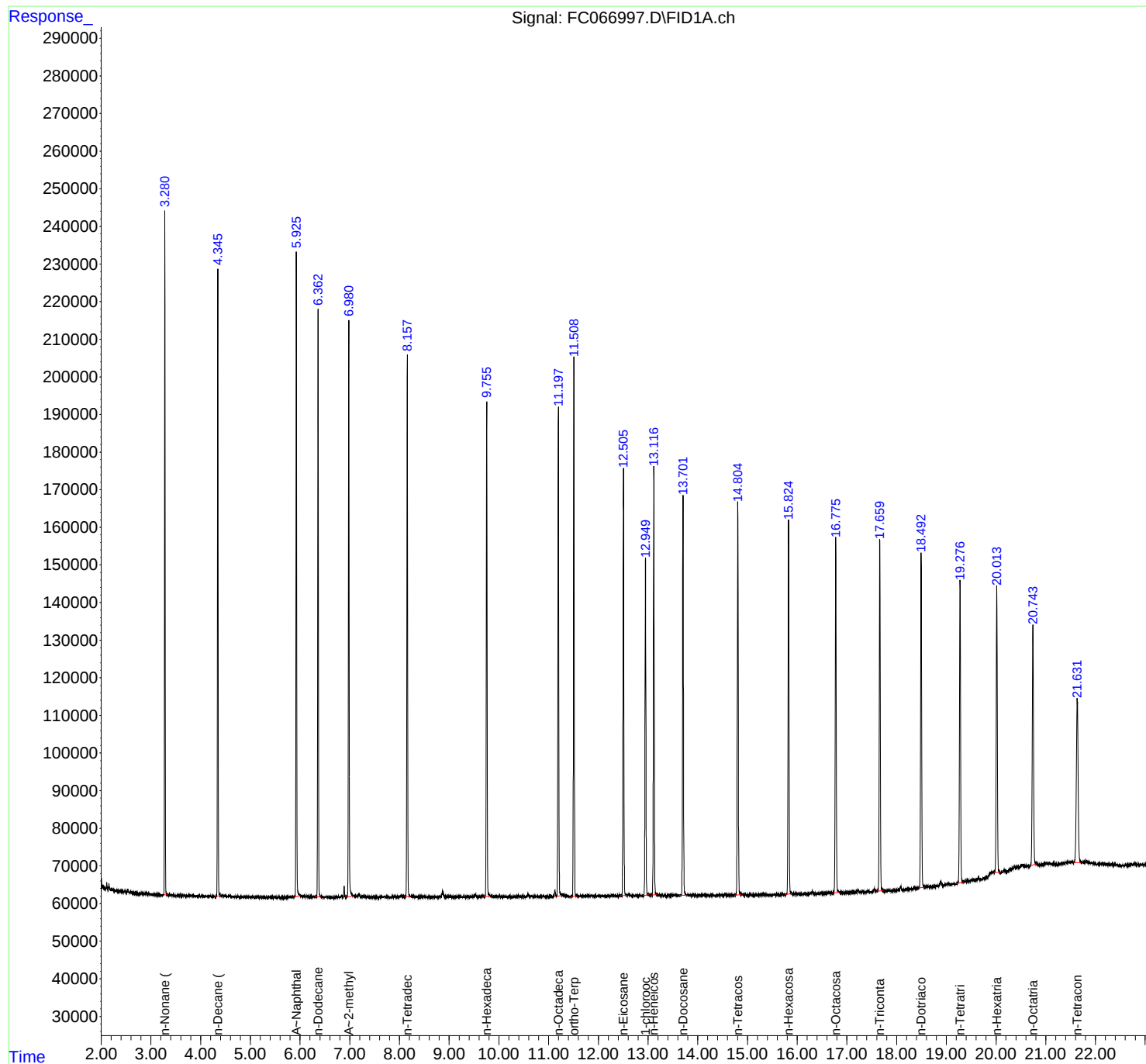
(m)=manual int.

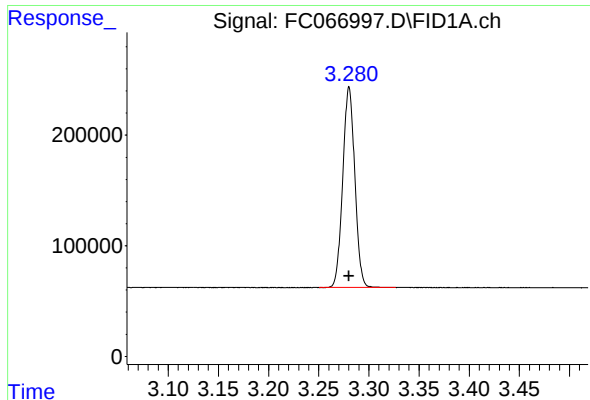
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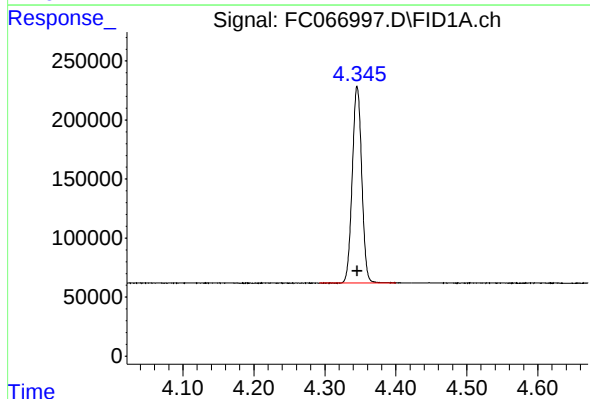




#1 n-Nonane (C9)

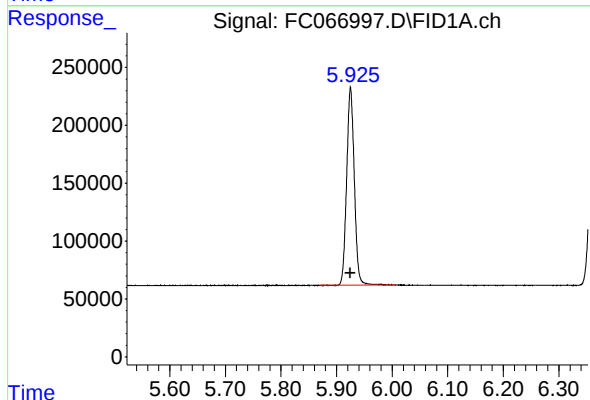
R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 1518085
Conc: 10.56 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



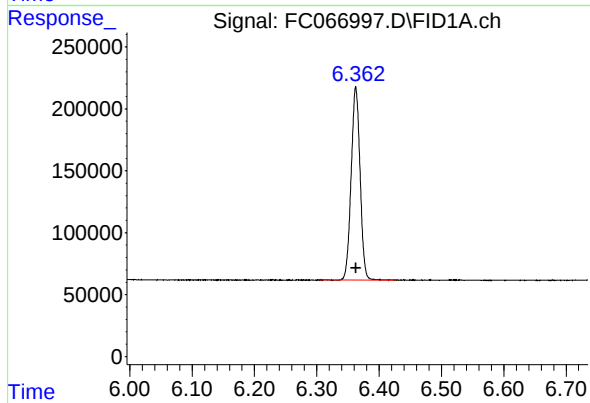
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1545963
Conc: 10.53 ug/ml



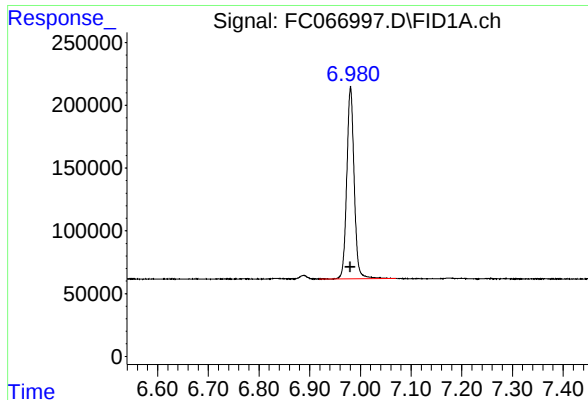
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1638700
Conc: 10.47 ug/ml



#4 n-Dodecane (C12)

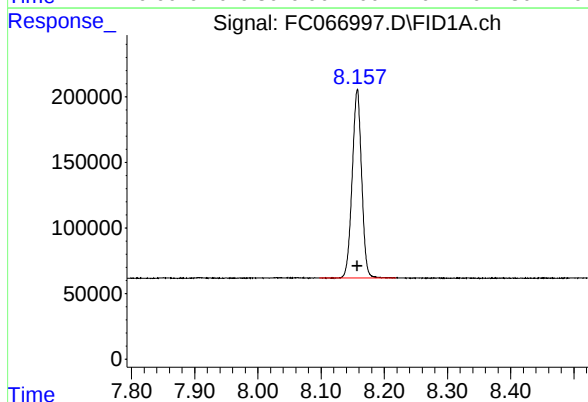
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 1548568
Conc: 10.53 ug/ml



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

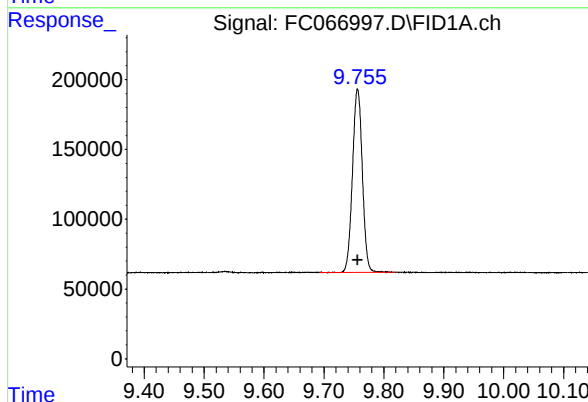
R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 1546170
Conc: 10.41 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



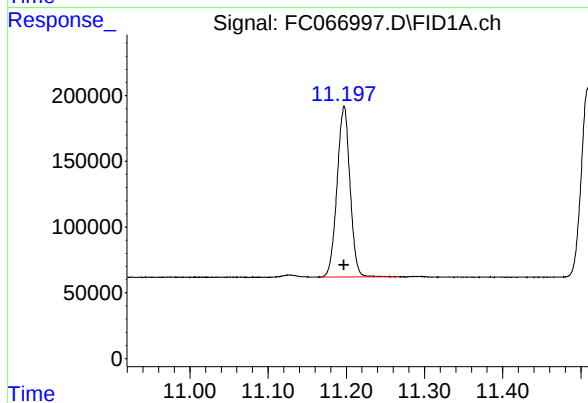
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 1490619
Conc: 10.47 ug/ml



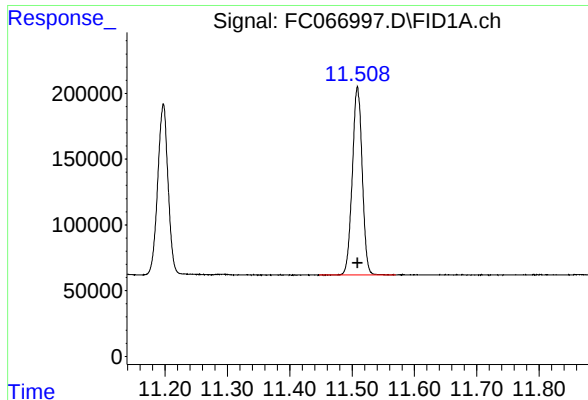
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 1501385
Conc: 10.41 ug/ml



#8 n-Octadecane (C18)

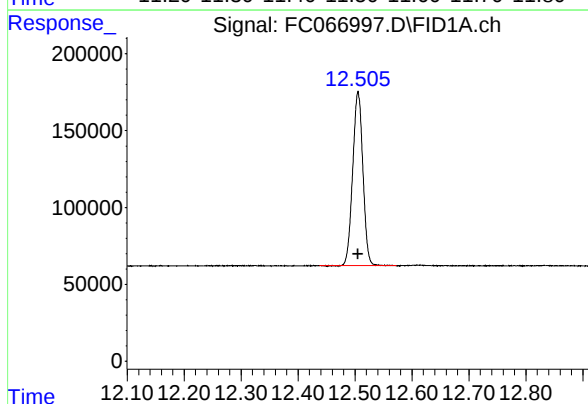
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 1497634
Conc: 10.45 ug/ml



#9 ortho-Terphenyl (SURR)

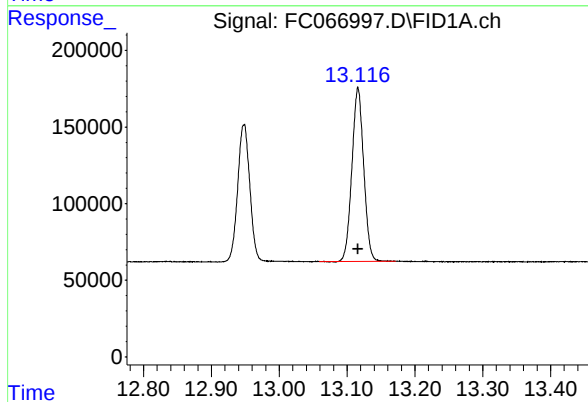
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 1579843
Conc: 10.59 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



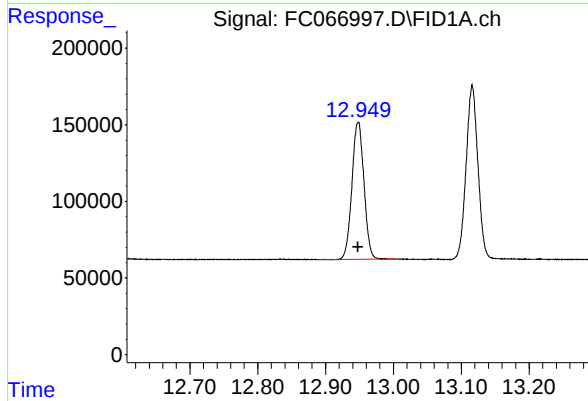
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 1408750
Conc: 10.46 ug/ml



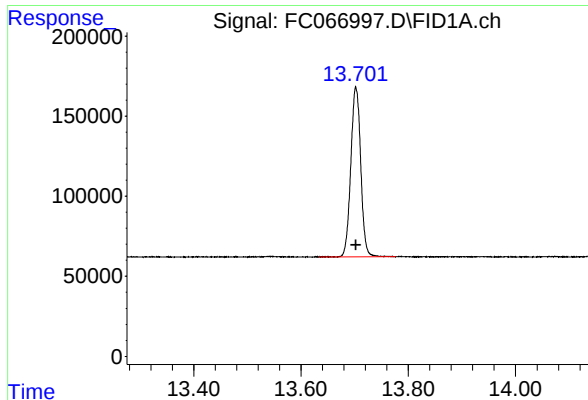
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 1368294
Conc: 10.44 ug/ml



#12 1-chlorooctadecane (SURR)

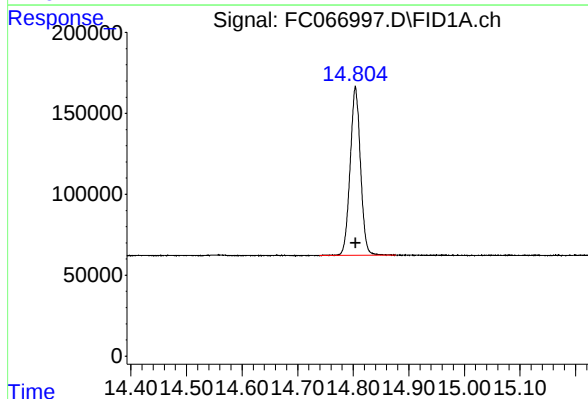
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 1105121
Conc: 10.28 ug/ml



#13 n-Docosane (C22)

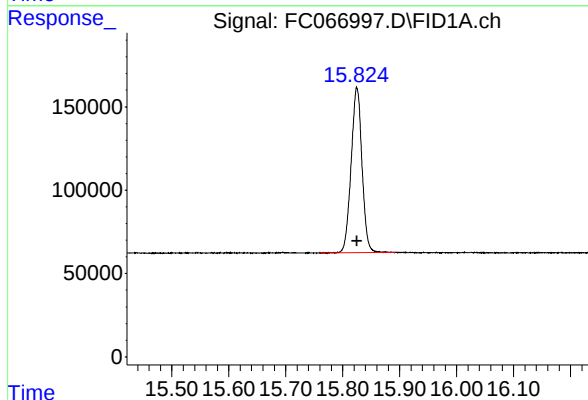
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 1360486
Conc: 10.51 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



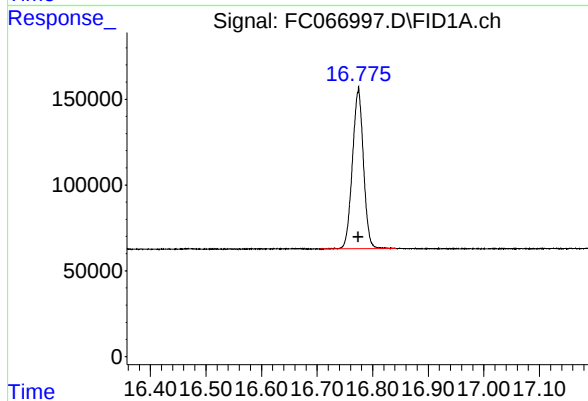
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 1342585
Conc: 10.53 ug/ml



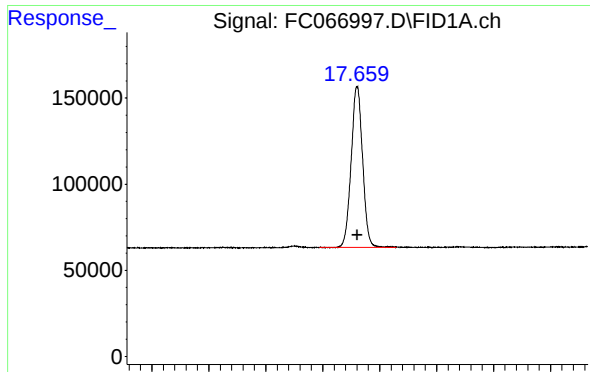
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 1314563
Conc: 10.56 ug/ml



#16 n-Octacosane (C28)

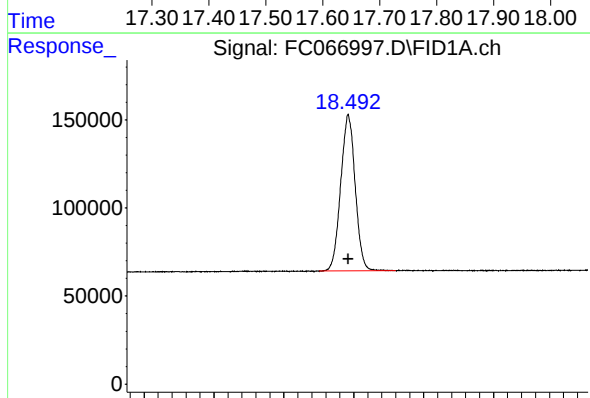
R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 1284125
Conc: 10.53 ug/ml



#17 n-Tricontane (C30)

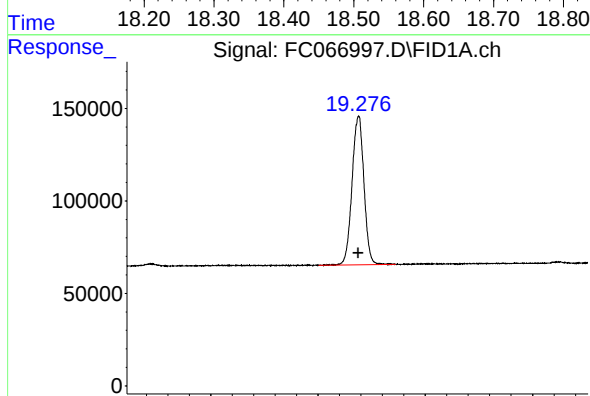
R.T.: 17.660 min
Delta R.T.: 0.000 min
Response: 1302823
Conc: 10.57 ug/ml

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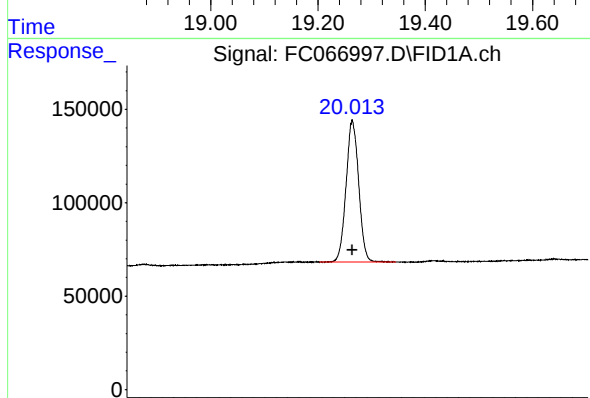
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 1281008
Conc: 10.60 ug/ml



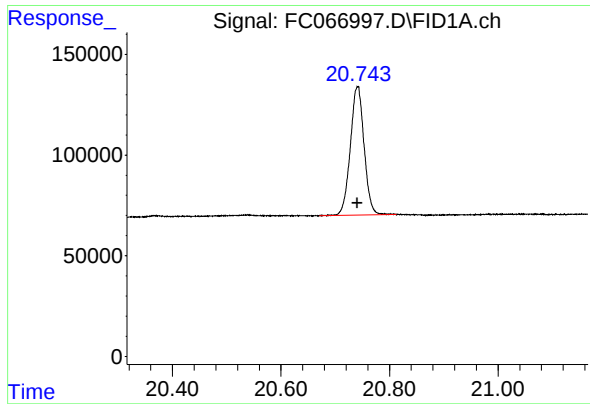
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1238480
Conc: 10.57 ug/ml



#20 n-Hexatriacontane (C36)

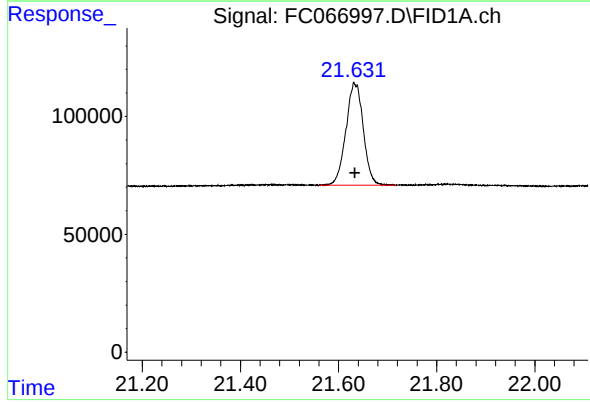
R.T.: 20.014 min
Delta R.T.: 0.000 min
Response: 1170004
Conc: 10.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 1121447
Conc: 10.51 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.000 min
Response: 1062611
Conc: 10.66 ug/ml