

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066999.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 16:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 12 17:05:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.510	3105644	20.400 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	12.948	2220631	20.497 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.281	2985352	20.313 ug/ml
2) T n-Decane (C10)	4.346	3051238	20.362 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3251328	20.438 ug/ml
4) T n-Dodecane (C12)	6.363	3062070	20.408 ug/ml
5) T A~2-methylnaphthalene...	6.981	3079489	20.477 ug/ml
6) T n-Tetradecane (C14)	8.157	2980499	20.556 ug/ml
7) T n-Hexadecane (C16)	9.757	3023022	20.626 ug/ml
8) T n-Octadecane (C18)	11.197	3017126	20.701 ug/ml
10) T n-Eicosane (C20)	12.506	2820292	20.594 ug/ml
11) T n-Heneicosane (C21)	13.117	2739164	20.555 ug/ml
13) T n-Docosane (C22)	13.703	2695665	20.457 ug/ml
14) T n-Tetracosane (C24)	14.805	2637803	20.353 ug/ml
15) T n-Hexacosane (C26)	15.825	2579802	20.338 ug/ml
16) T n-Octacosane (C28)	16.775	2529523	20.365 ug/ml
17) T n-Tricontane (C30)	17.661	2565573	20.415 ug/ml
18) T n-Dotriacontane (C32)	18.493	2519961	20.402 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2433044	20.290 ug/ml
20) T n-Hexatriacontane (C36)	20.016	2292453	20.304 ug/ml
21) T n-Octatriacontane (C38)	20.742	2151204	19.746 ug/ml
22) T n-Tetracontane (C40)	21.634	1953880	19.127 ug/ml

(f)=RT Delta > 1/2 Window

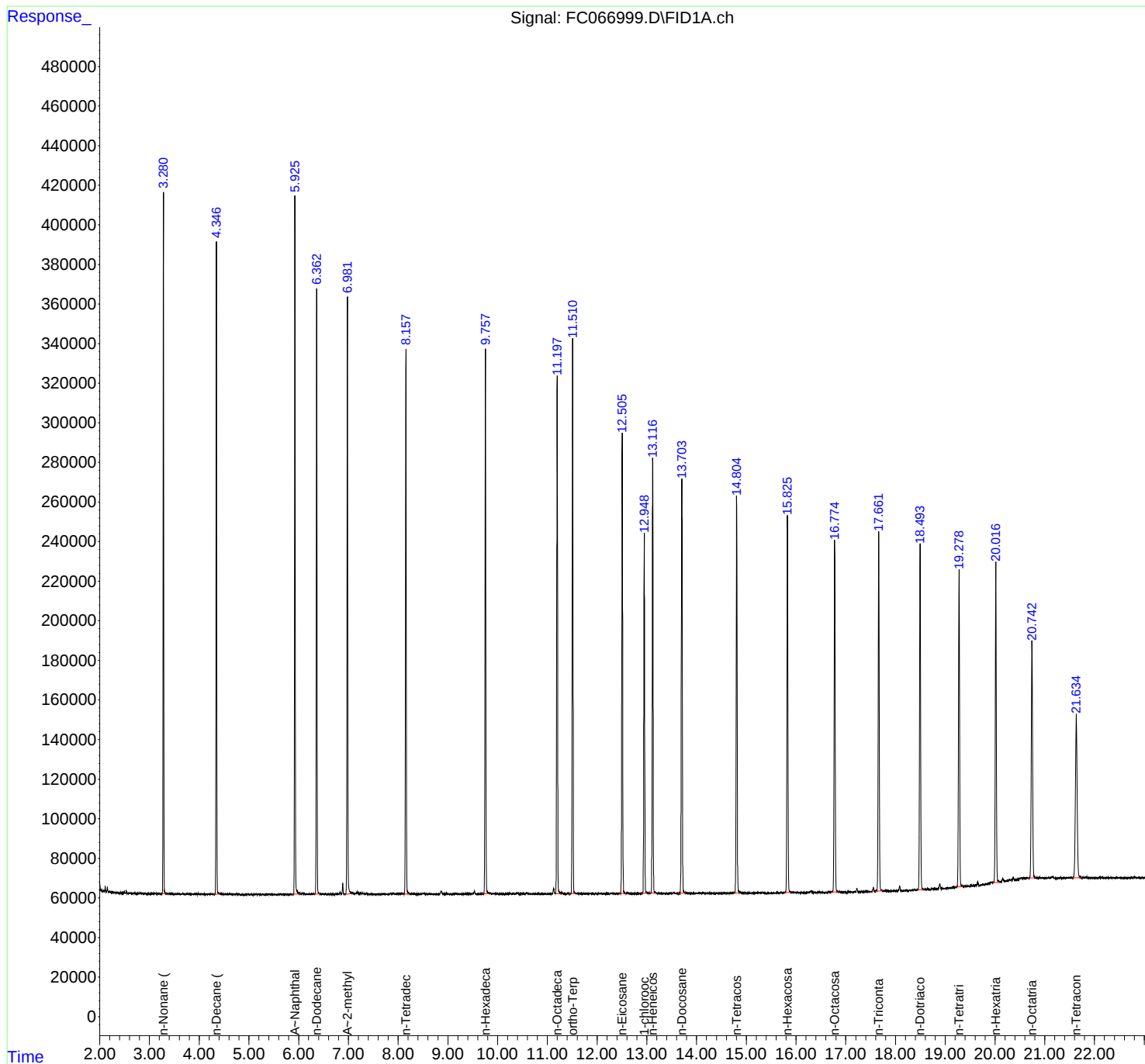
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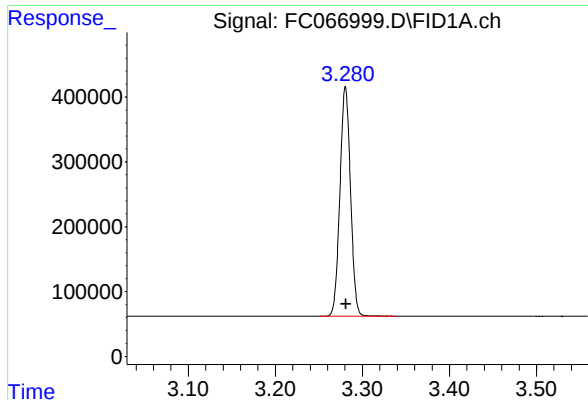
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#1 n-Nonane (C9)

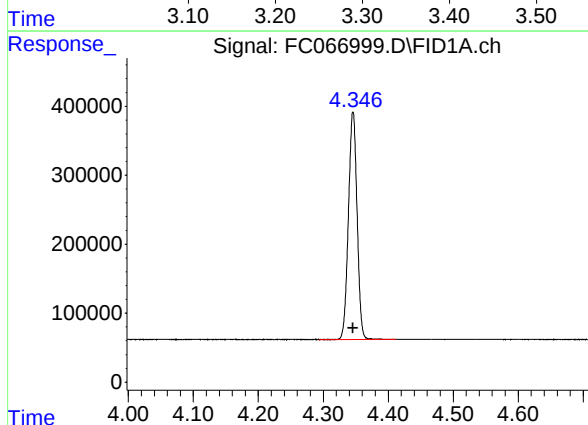
R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 2985352
Conc: 20.31 ug/ml

Instrument :

FID_C

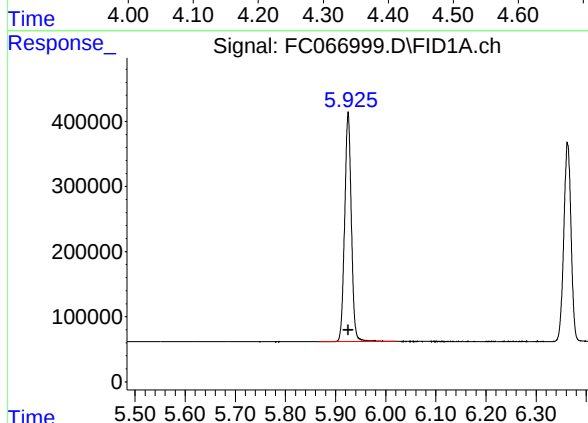
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



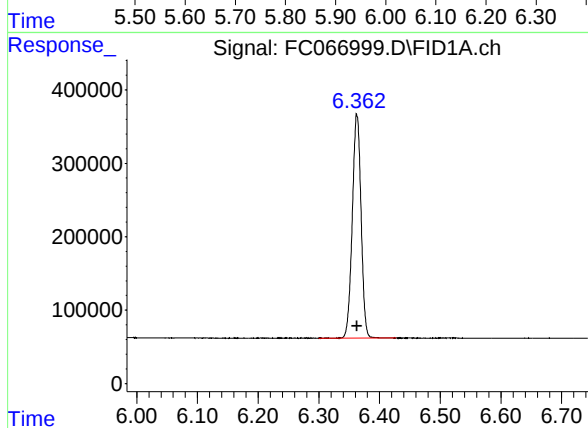
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 3051238
Conc: 20.36 ug/ml



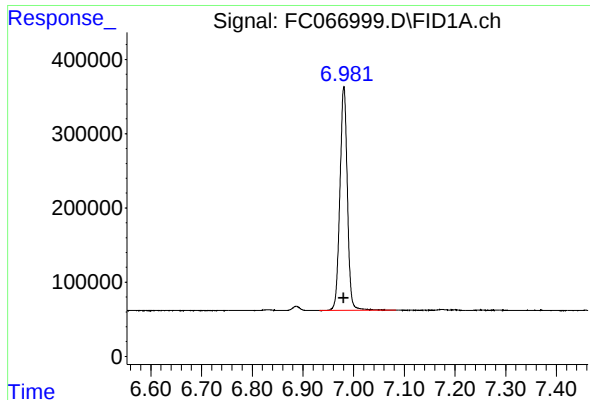
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3251328
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 3062070
Conc: 20.41 ug/ml



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

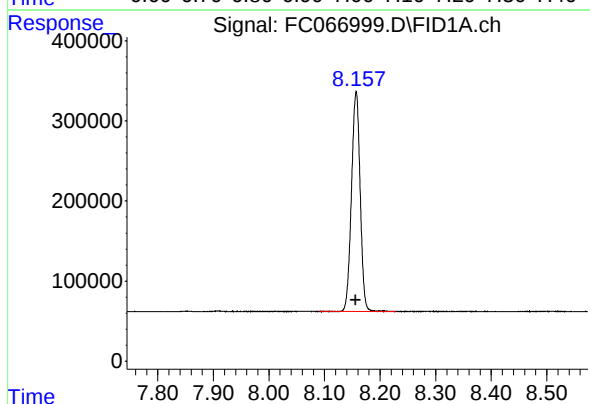
R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 3079489
Conc: 20.48 ug/ml

Instrument :

FID_C

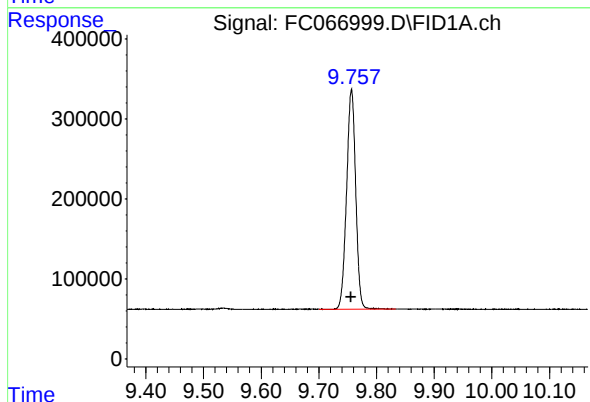
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



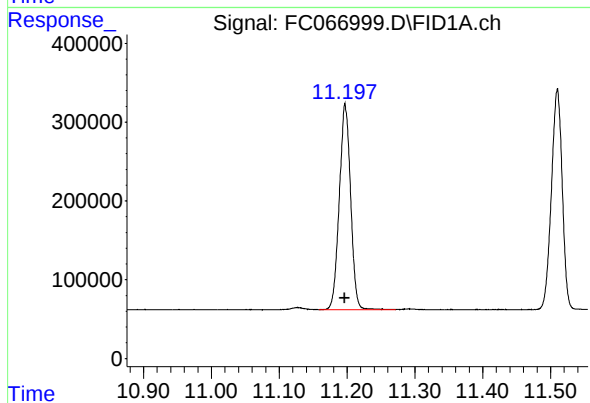
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 2980499
Conc: 20.56 ug/ml



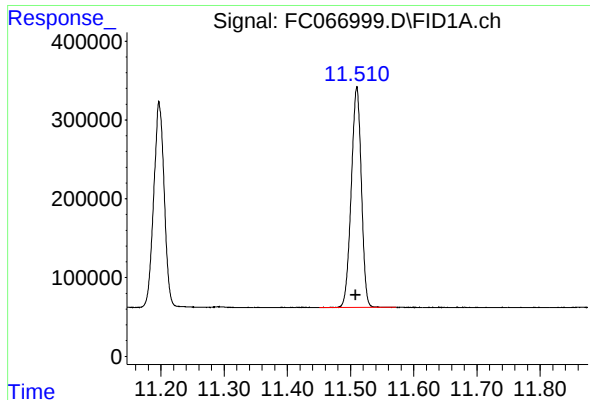
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 3023022
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: 0.001 min
Response: 3017126
Conc: 20.70 ug/ml



#9 ortho-Terphenyl (SURR)

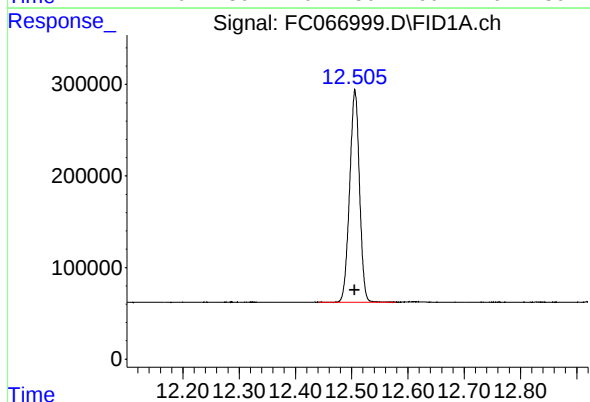
R.T.: 11.510 min
Delta R.T.: 0.002 min
Response: 3105644
Conc: 20.40 ug/ml

Instrument :

FID_C

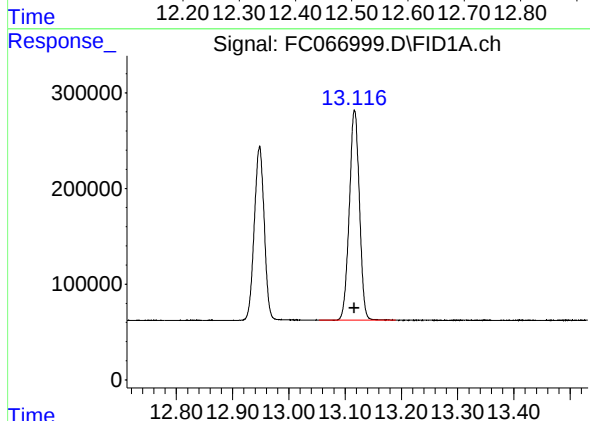
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



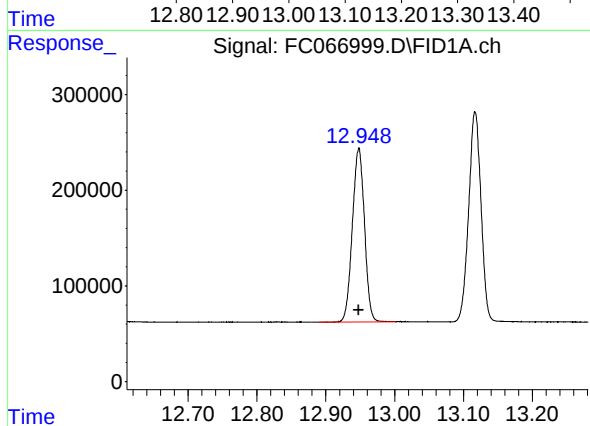
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 2820292
Conc: 20.59 ug/ml



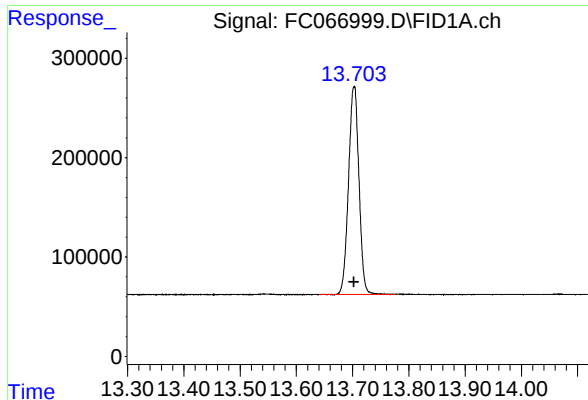
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 2739164
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2220631
Conc: 20.50 ug/ml



#13 n-Docosane (C22)

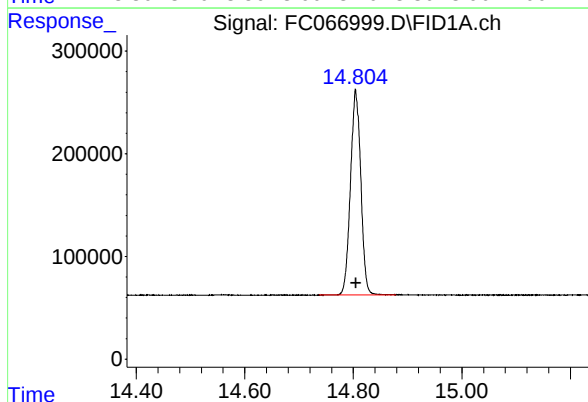
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 2695665
Conc: 20.46 ug/ml

Instrument :

FID_C

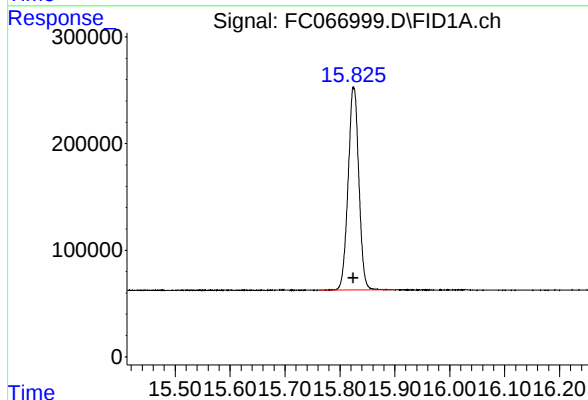
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



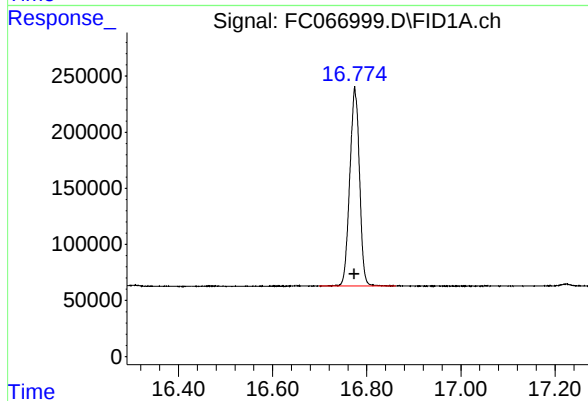
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2637803
Conc: 20.35 ug/ml



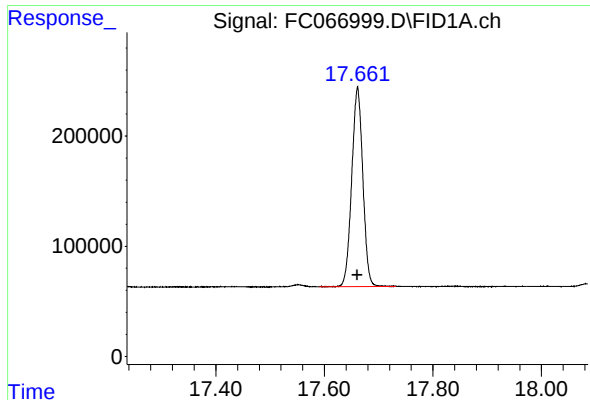
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 2579802
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

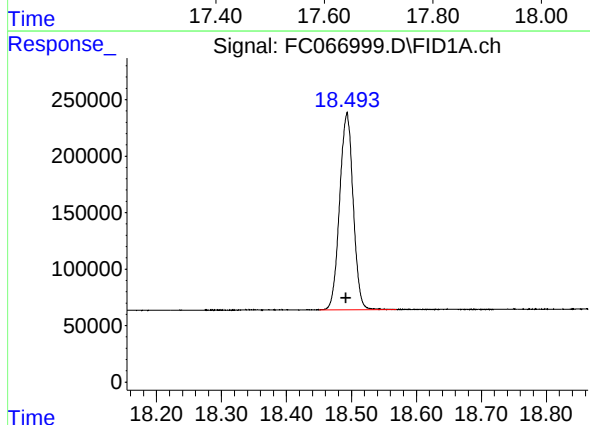
R.T.: 16.775 min
Delta R.T.: 0.002 min
Response: 2529523
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

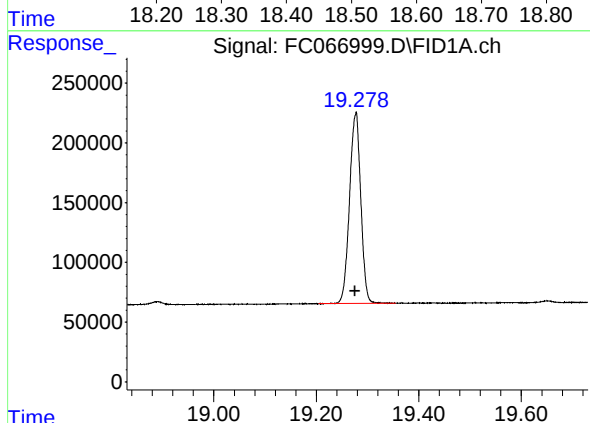
R.T.: 17.661 min
Delta R.T.: 0.000 min
Response: 2565573
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



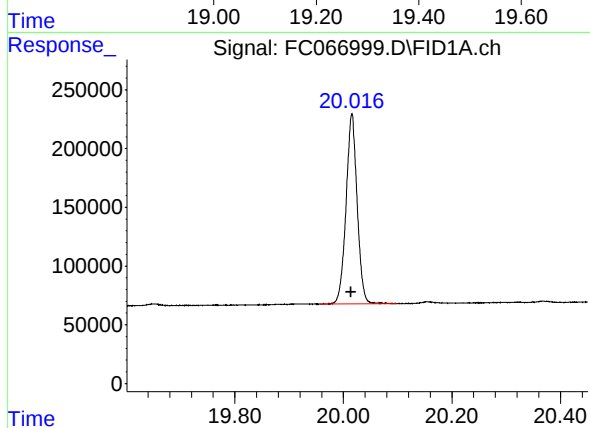
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.002 min
Response: 2519961
Conc: 20.40 ug/ml



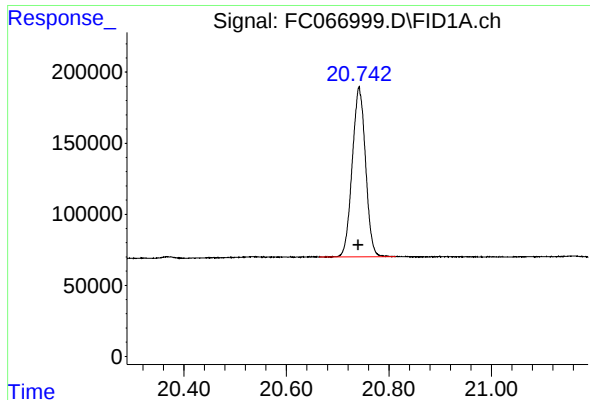
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.002 min
Response: 2433044
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

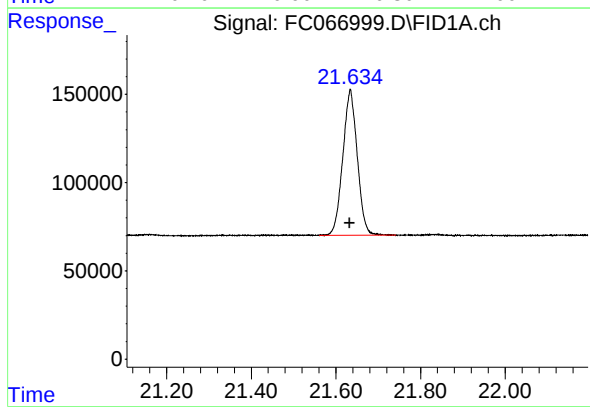
R.T.: 20.016 min
Delta R.T.: 0.001 min
Response: 2292453
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.001 min
Response: 2151204
Conc: 19.75 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.000 min
Response: 1953880
Conc: 19.13 ug/ml