

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066996.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 14:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 12 14:38:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 14:38:28 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	3106726	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.949	2228475	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.279	3013456	20.000 ug/ml
2) T n-Decane (C10)	4.345	3078597	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.924	3260830	20.000 ug/ml
4) T n-Dodecane (C12)	6.363	3080735	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.980	3094941	20.000 ug/ml
6) T n-Tetradecane (C14)	8.157	2987281	20.000 ug/ml
7) T n-Hexadecane (C16)	9.757	3023124	20.000 ug/ml
8) T n-Octadecane (C18)	11.197	3006449	20.000 ug/ml
10) T n-Eicosane (C20)	12.506	2814482	20.000 ug/ml
11) T n-Heneicosane (C21)	13.118	2735303	20.000 ug/ml
13) T n-Docosane (C22)	13.704	2691953	20.000 ug/ml
14) T n-Tetracosane (C24)	14.805	2646315	20.000 ug/ml
15) T n-Hexacosane (C26)	15.824	2570595	20.000 ug/ml
16) T n-Octacosane (C28)	16.774	2515641	20.000 ug/ml
17) T n-Tricontane (C30)	17.661	2534645	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.493	2479651	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2407038	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2244457	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.741	2175248	20.000 ug/ml
22) T n-Tetracontane (C40)	21.633	2043065	20.000 ug/ml

(f)=RT Delta > 1/2 Window

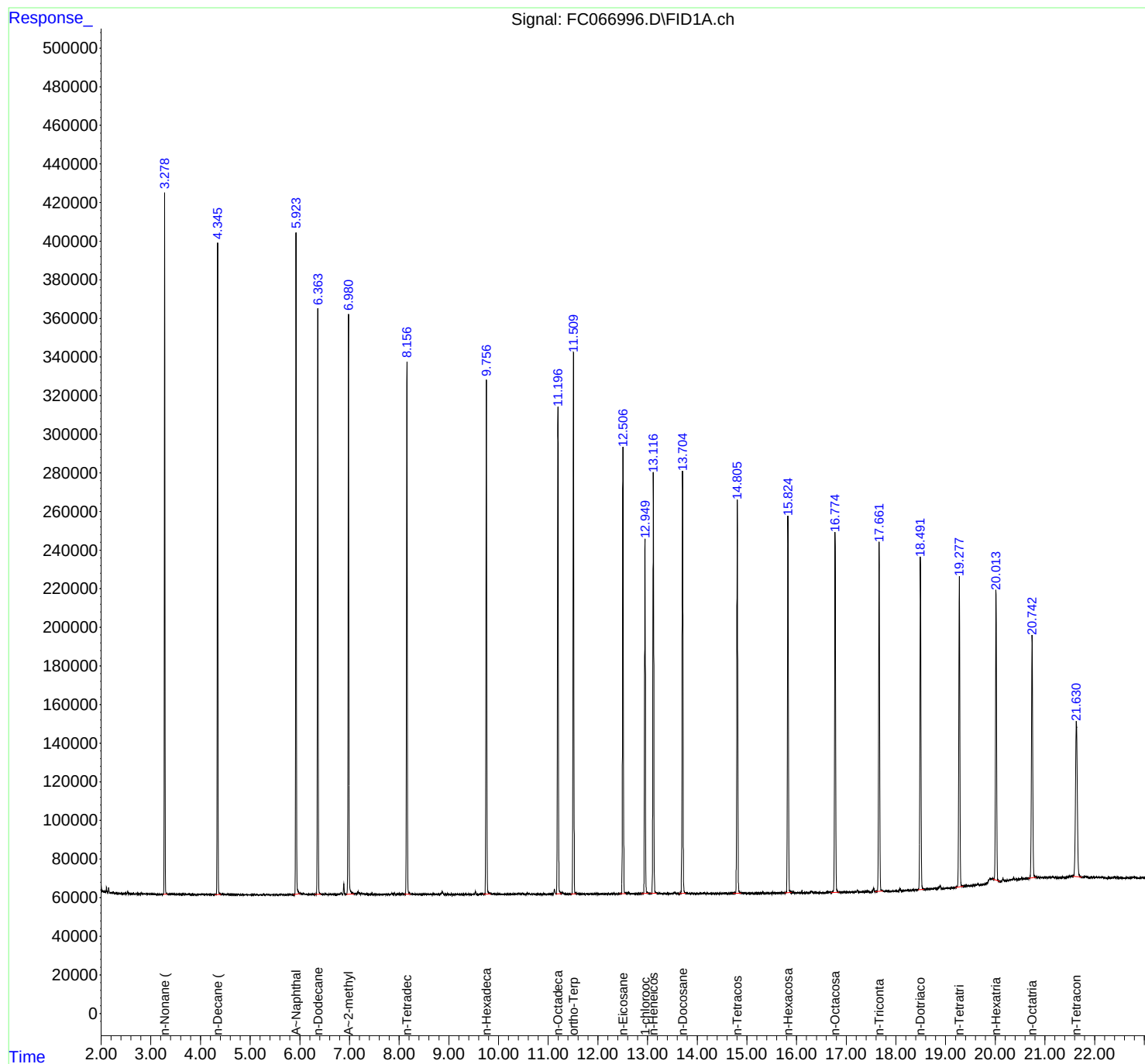
(m)=manual int.

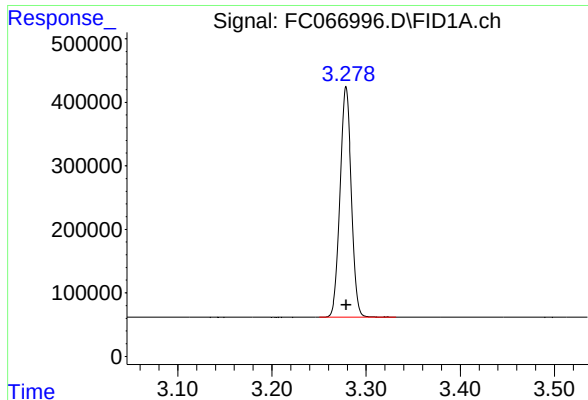
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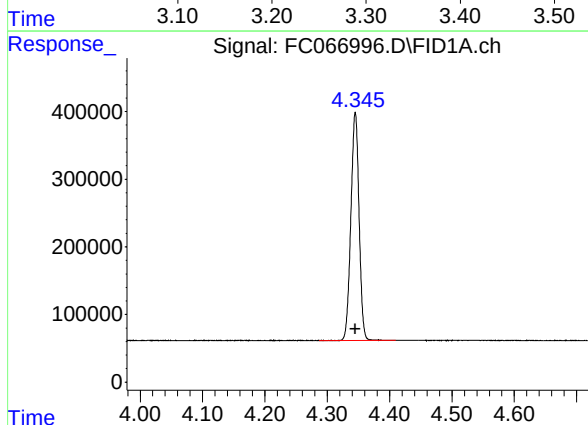




#1 n-Nonane (C9)

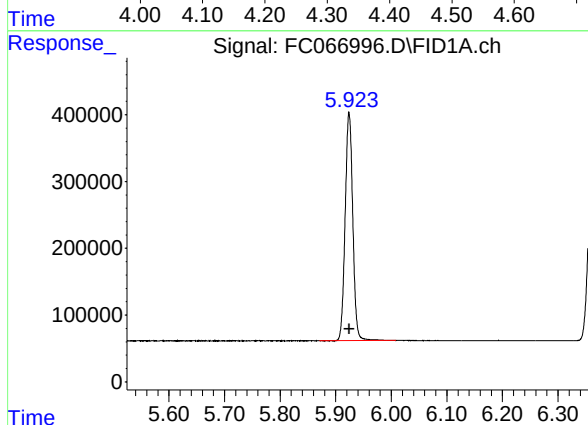
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 3013456
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



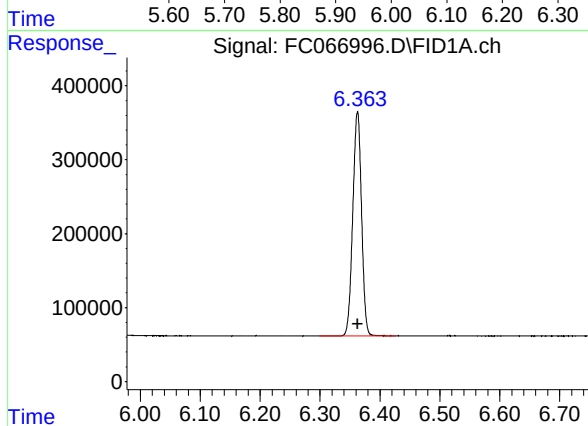
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 3078597
Conc: 20.00 ug/ml



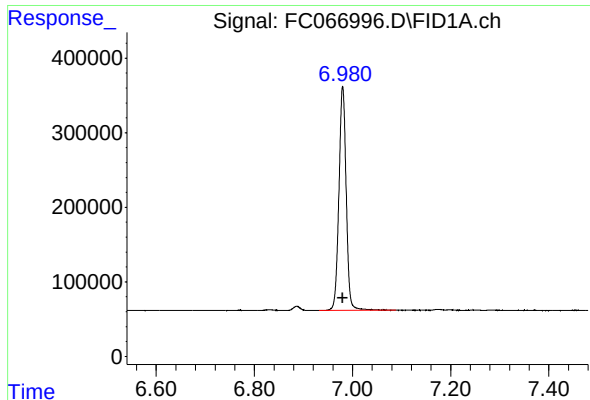
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 3260830
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

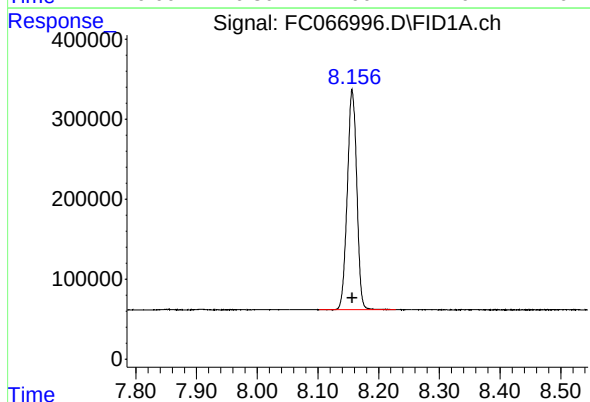
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 3080735
Conc: 20.00 ug/ml



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

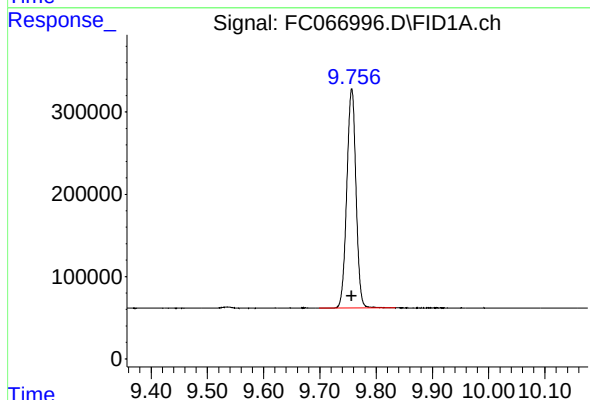
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 3094941
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



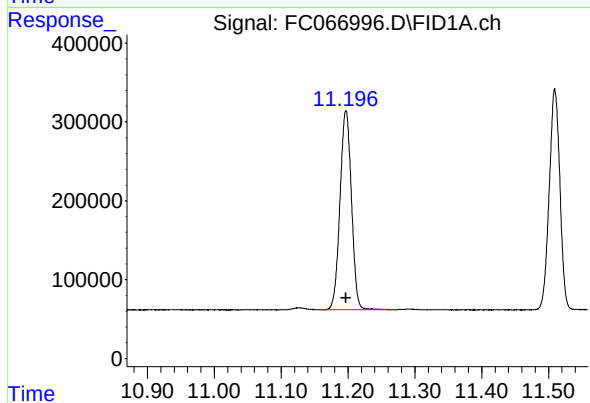
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 2987281
Conc: 20.00 ug/ml



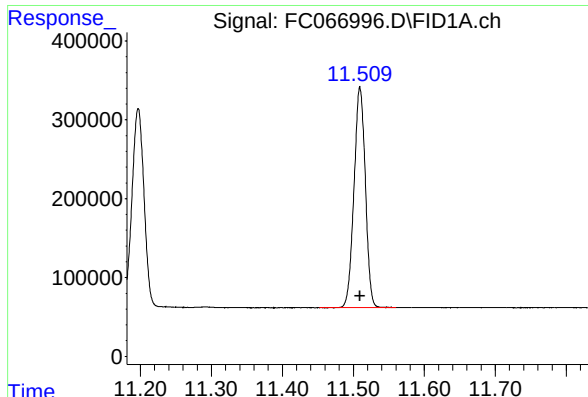
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 3023124
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

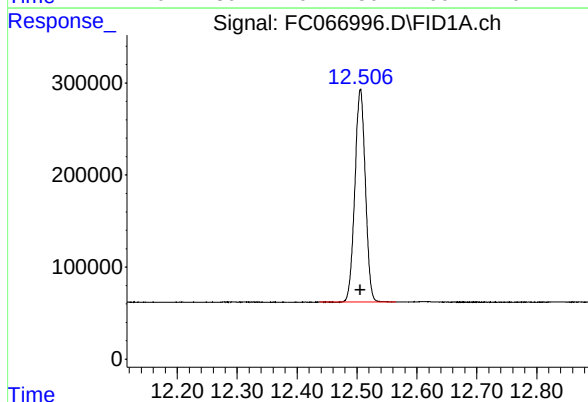
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 3006449
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

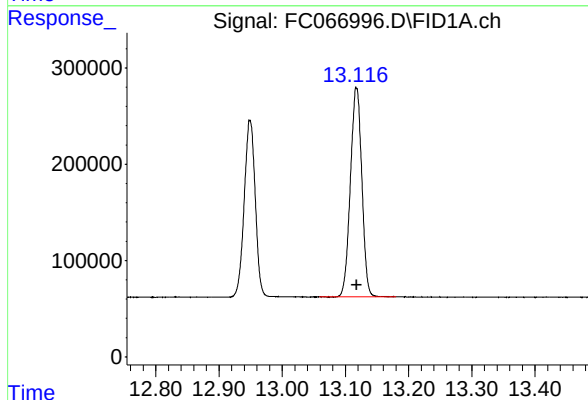
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 3106726
Conc: 20.00 ug/ml

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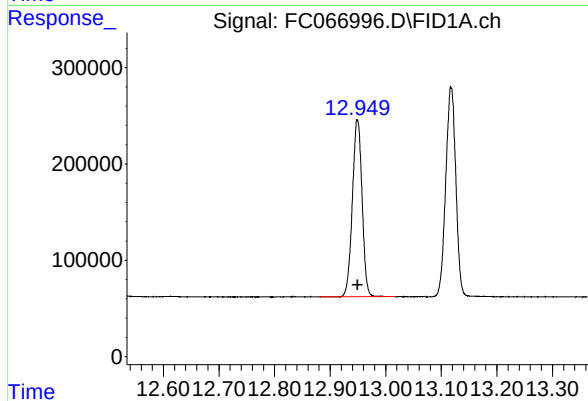
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 2814482
Conc: 20.00 ug/ml



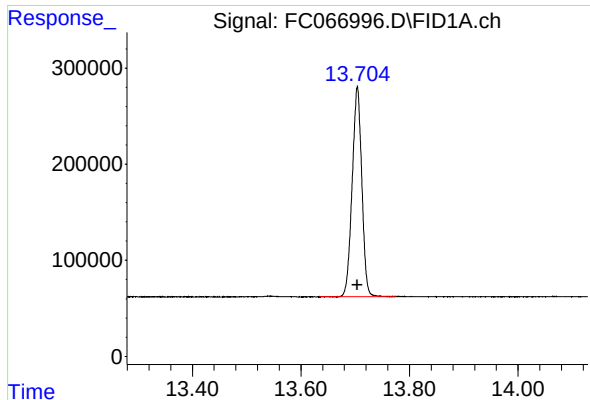
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.000 min
Response: 2735303
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

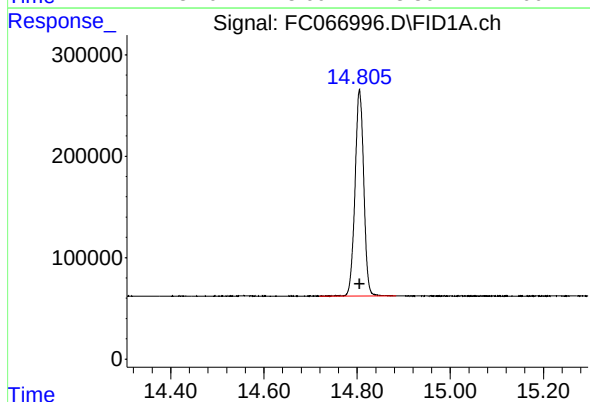
R.T.: 12.949 min
Delta R.T.: 0.000 min
Response: 2228475
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

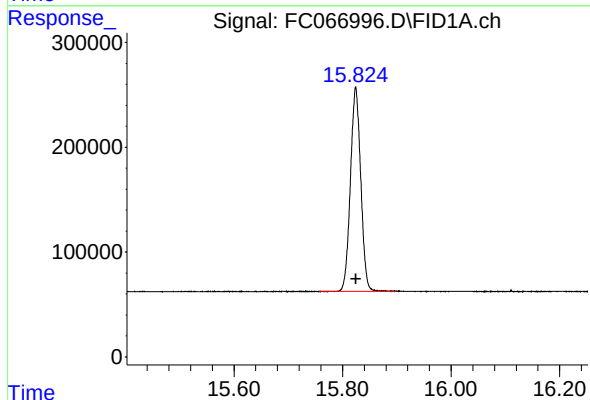
R.T.: 13.704 min
Delta R.T.: 0.000 min
Response: 2691953
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
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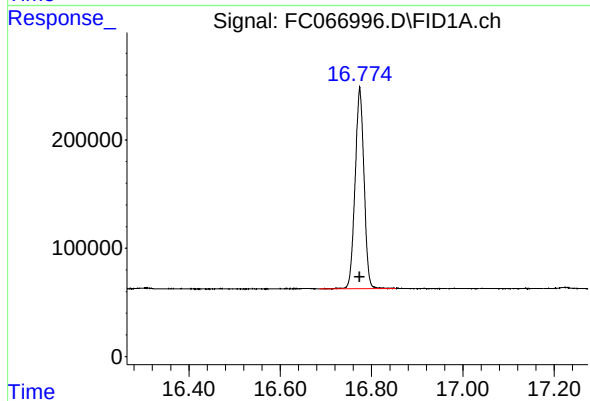
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2646315
Conc: 20.00 ug/ml



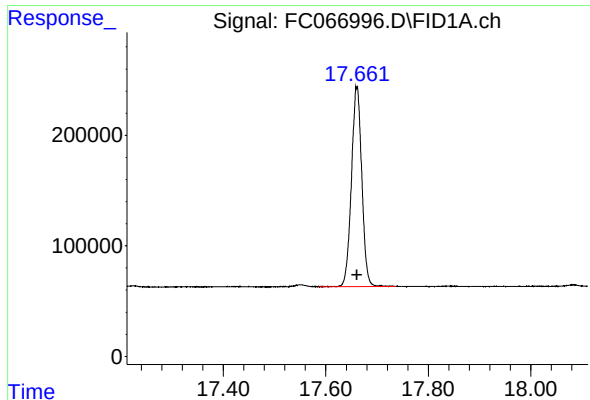
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.000 min
Response: 2570595
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

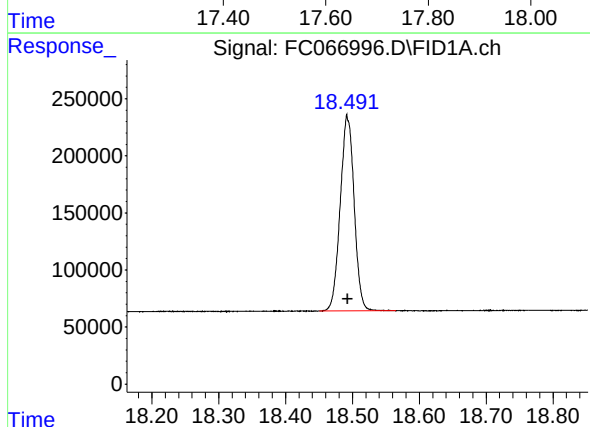
R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 2515641
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

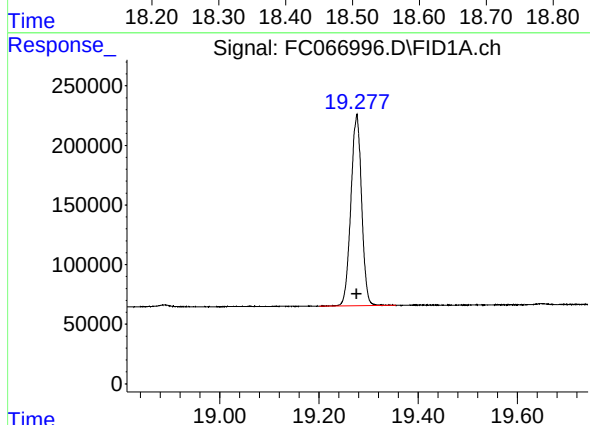
R.T.: 17.661 min
Delta R.T.: 0.000 min
Response: 2534645
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



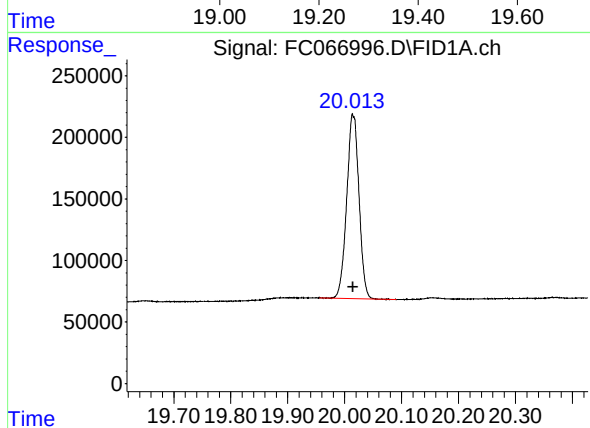
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2479651
Conc: 20.00 ug/ml



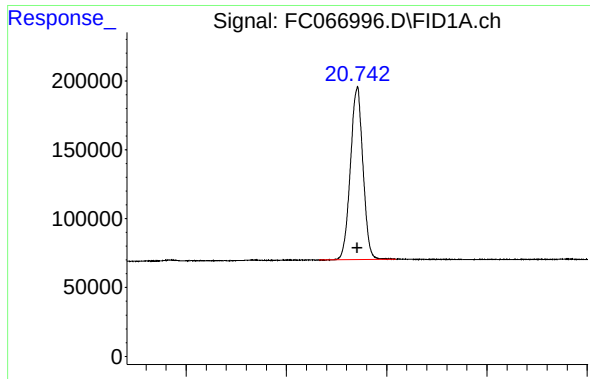
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.000 min
Response: 2407038
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

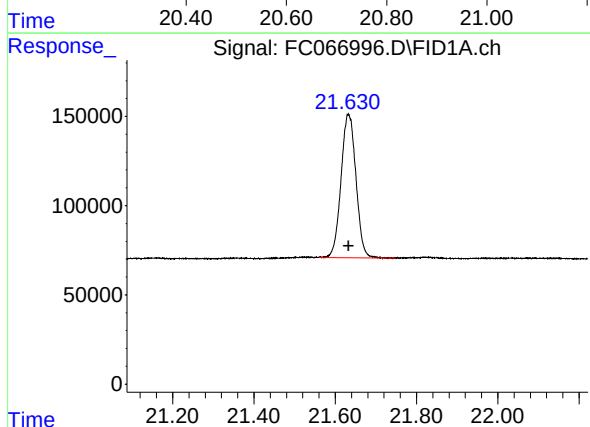
R.T.: 20.015 min
Delta R.T.: 0.000 min
Response: 2244457
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 2175248
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.000 min
Response: 2043065
Conc: 20.00 ug/ml