

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080924AL\
 Data File : FC066991.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2024 21:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 03:13:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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	2778971	18.051 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
12) S 1-chlorooctadecane (S...	12.950	2045380	18.292 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.280	2514764	17.723 ug/ml
2) T n-Decane (C10)	4.346	2656979	17.973 ug/ml
3) T A~Naphthalene (C11.7)	5.926	2817171	17.641 ug/ml
4) T n-Dodecane (C12)	6.363	2673482	17.833 ug/ml
5) T A~2-methylnaphthalene...	6.982	2688471	17.537 ug/ml
6) T n-Tetradecane (C14)	8.158	2622007	17.921 ug/ml
7) T n-Hexadecane (C16)	9.757	2705958	18.080 ug/ml
8) T n-Octadecane (C18)	11.199	2719853	18.328 ug/ml
10) T n-Eicosane (C20)	12.508	2560959	18.373 ug/ml
11) T n-Heneicosane (C21)	13.119	2485465	18.247 ug/ml
13) T n-Docosane (C22)	13.705	2457854	18.298 ug/ml
14) T n-Tetracosane (C24)	14.806	2421781	18.207 ug/ml
15) T n-Hexacosane (C26)	15.826	2359692	18.135 ug/ml
16) T n-Octacosane (C28)	16.775	2375432	18.830 ug/ml
17) T n-Tricontane (C30)	17.663	2564591	19.943 ug/ml
18) T n-Dotriacontane (C32)	18.495	2613240	20.758 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2445582	19.768 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2220195	19.086 ug/ml
21) T n-Octatriacontane (C38)	20.743	2045927	18.414 ug/ml
22) T n-Tetracontane (C40)	21.637	1894260	17.424 ug/ml

(f)=RT Delta > 1/2 Window

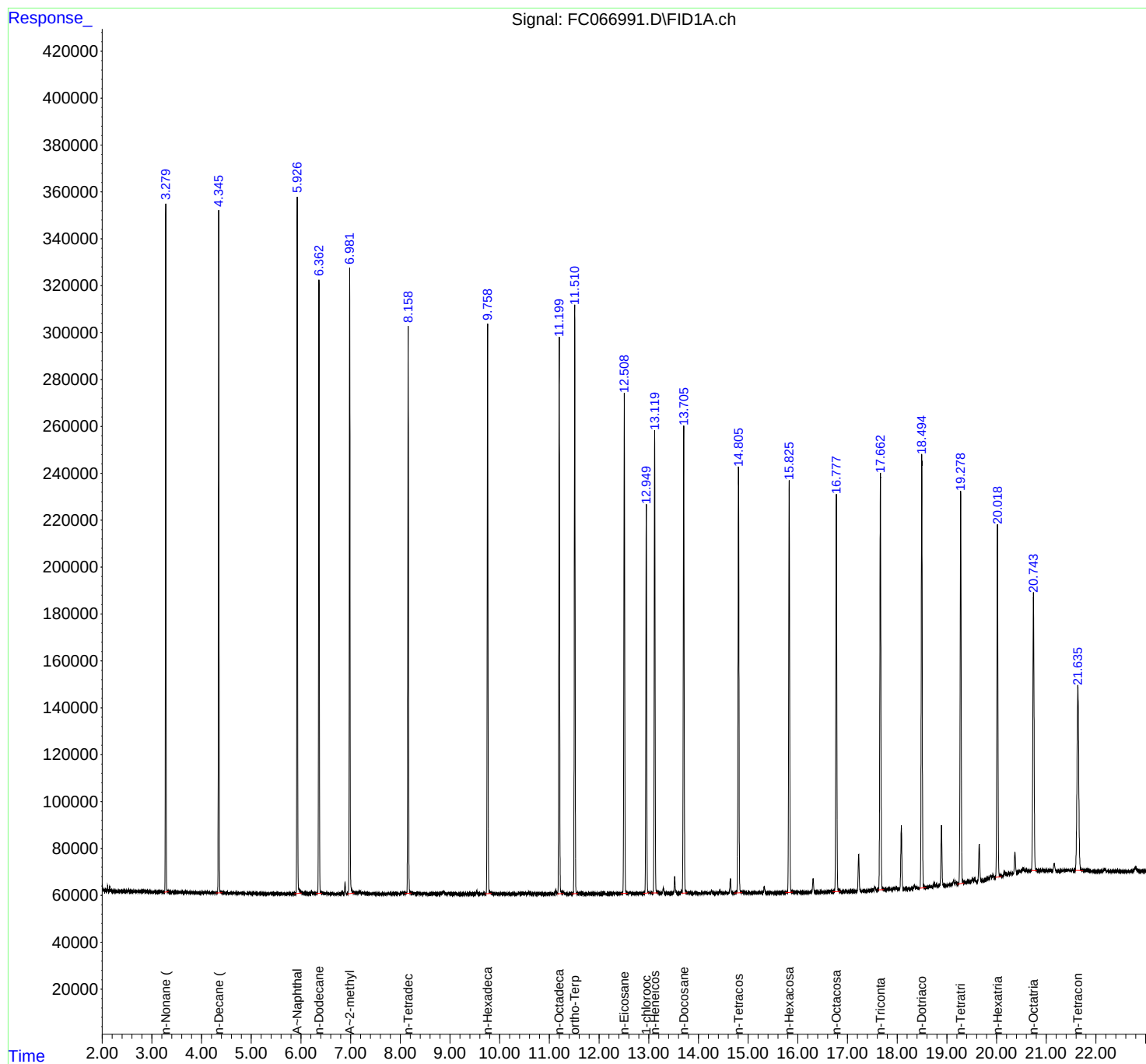
(m)=manual int.

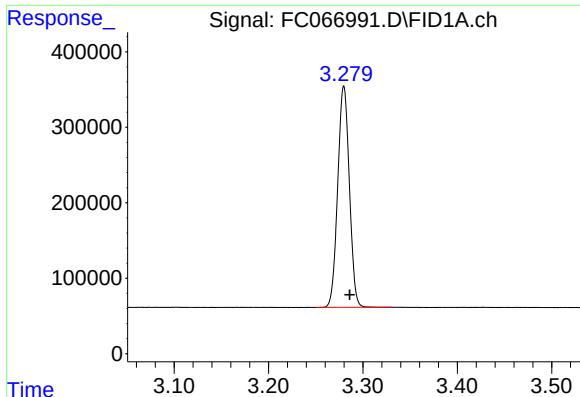
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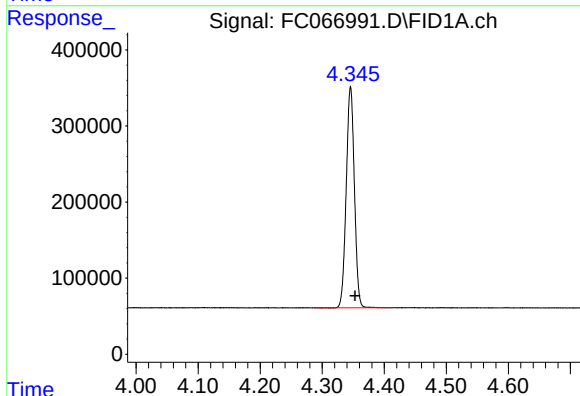




#1 n-Nonane (C9)

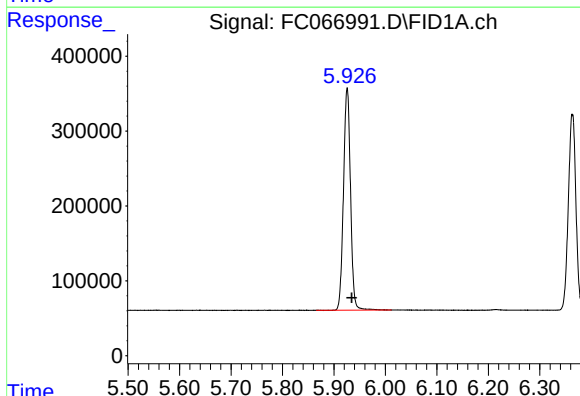
R.T.: 3.280 min
Delta R.T.: -0.006 min
Response: 2514764
Conc: 17.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



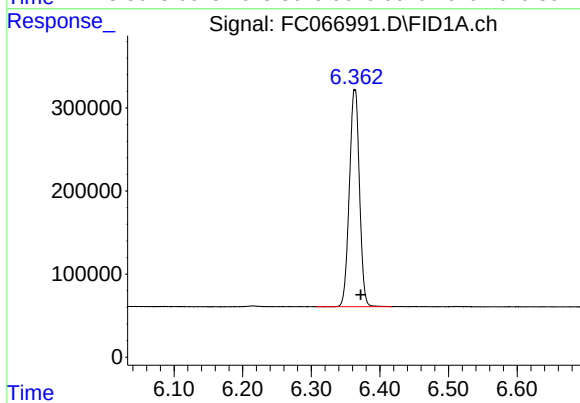
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 2656979
Conc: 17.97 ug/ml



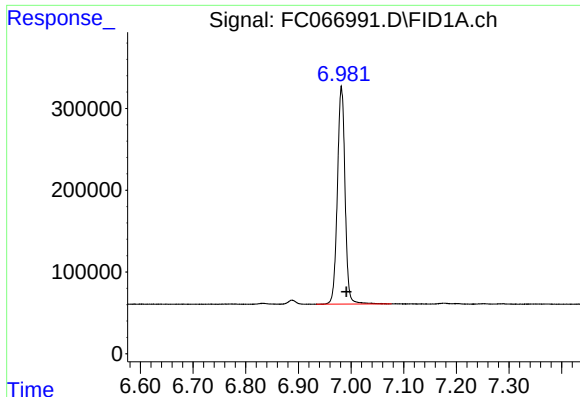
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: 2817171
Conc: 17.64 ug/ml



#4 n-Dodecane (C12)

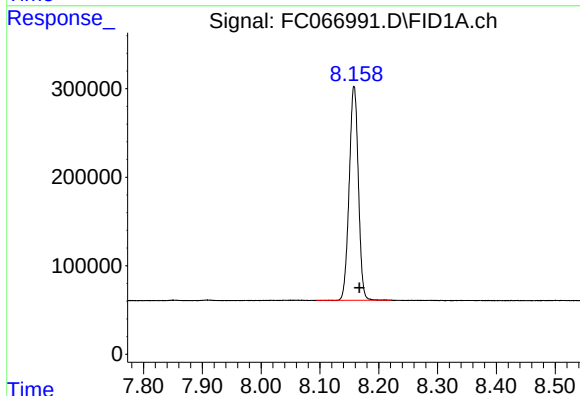
R.T.: 6.363 min
Delta R.T.: -0.009 min
Response: 2673482
Conc: 17.83 ug/ml



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

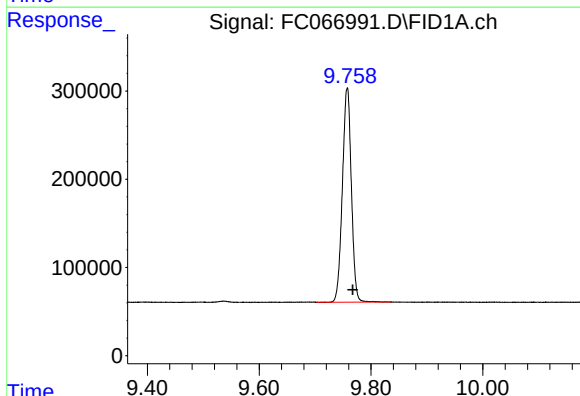
R.T.: 6.982 min
Delta R.T.: -0.010 min
Response: 2688471
Conc: 17.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



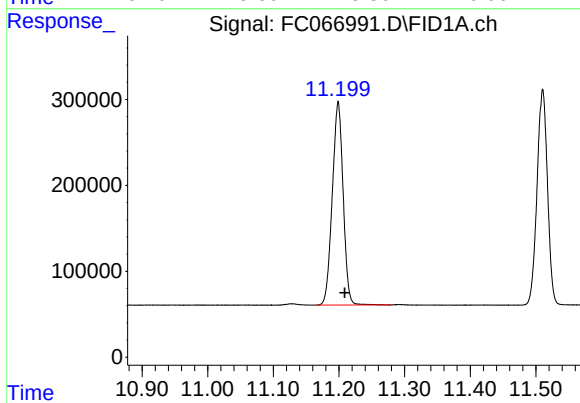
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.009 min
Response: 2622007
Conc: 17.92 ug/ml



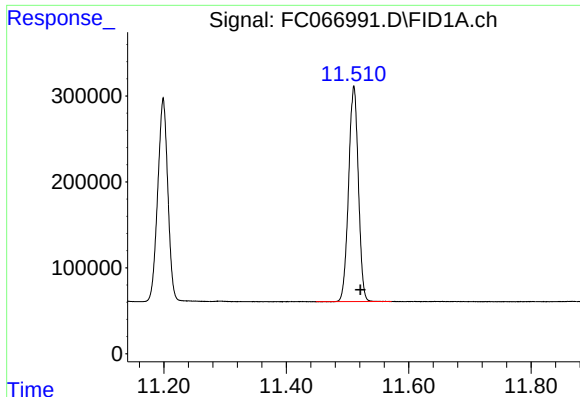
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.010 min
Response: 2705958
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

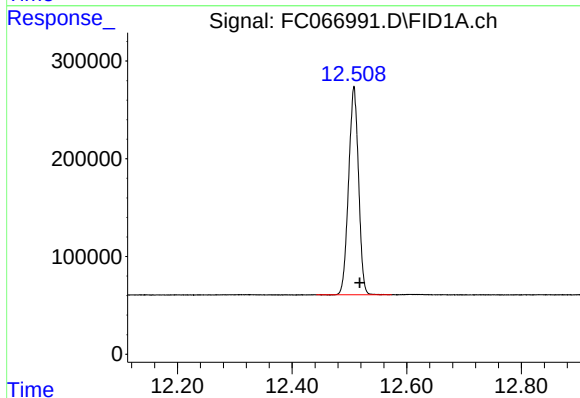
R.T.: 11.199 min
Delta R.T.: -0.010 min
Response: 2719853
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

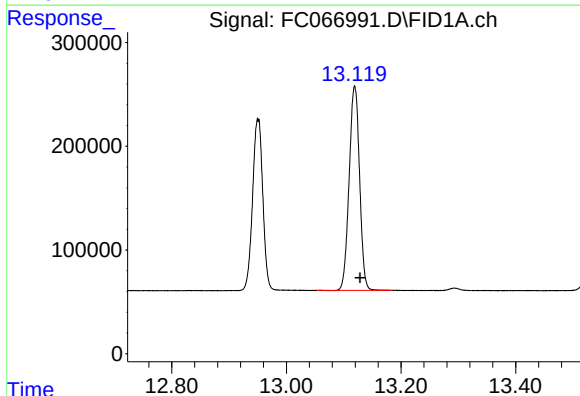
R.T.: 11.510 min
Delta R.T.: -0.010 min
Response: 2778971
Conc: 18.05 ug/ml

Instrument :
FID_C
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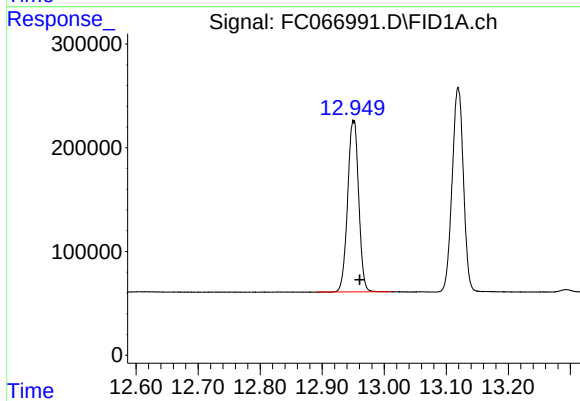
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 2560959
Conc: 18.37 ug/ml



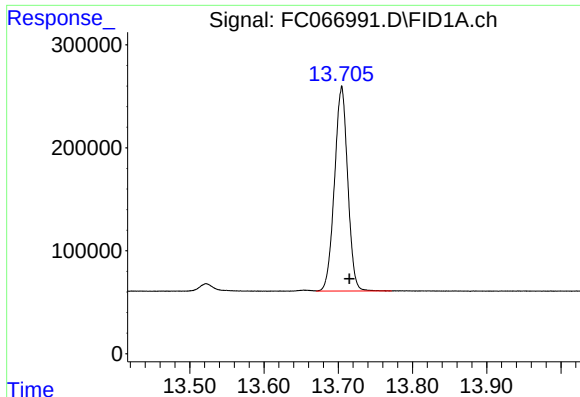
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.009 min
Response: 2485465
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

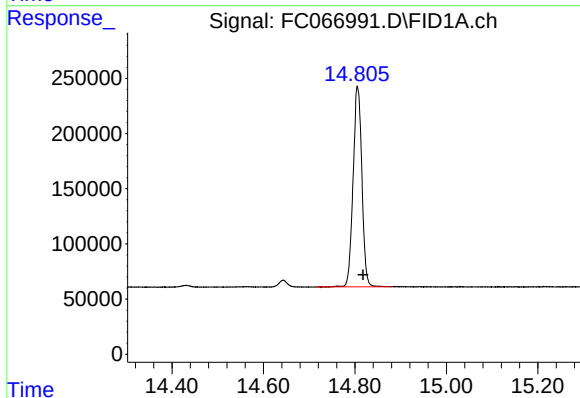
R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 2045380
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

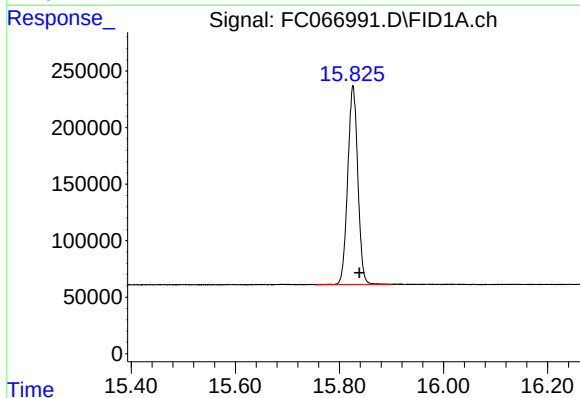
R.T.: 13.705 min
Delta R.T.: -0.011 min
Response: 2457854
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



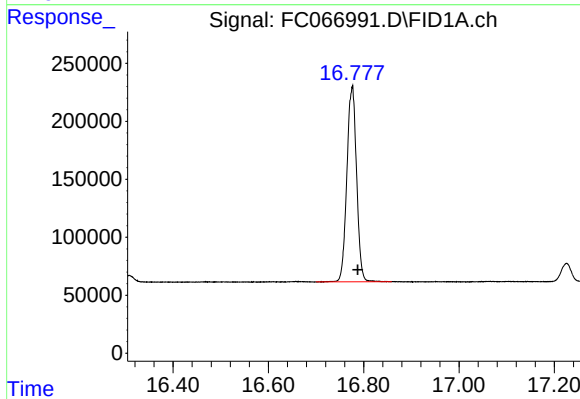
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: -0.012 min
Response: 2421781
Conc: 18.21 ug/ml



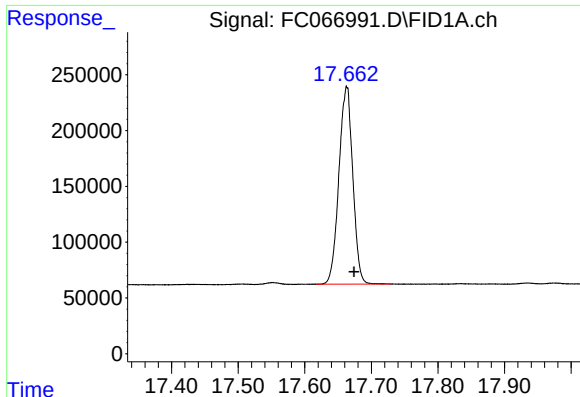
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.012 min
Response: 2359692
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

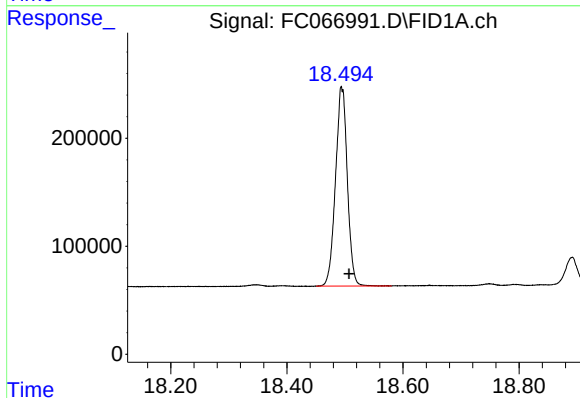
R.T.: 16.775 min
Delta R.T.: -0.012 min
Response: 2375432
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

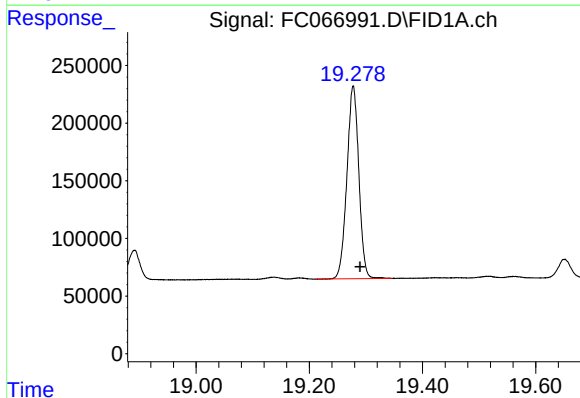
R.T.: 17.663 min
Delta R.T.: -0.012 min
Response: 2564591
Conc: 19.94 ug/ml

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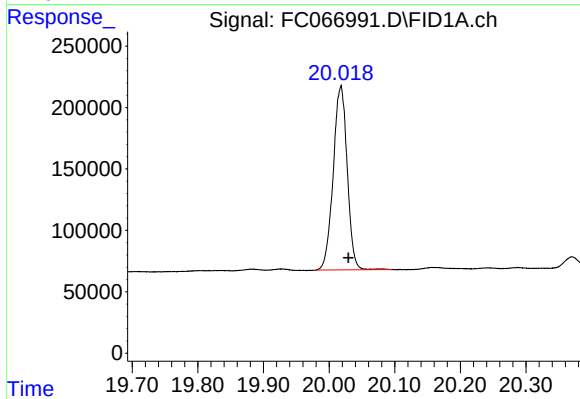
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.012 min
Response: 2613240
Conc: 20.76 ug/ml



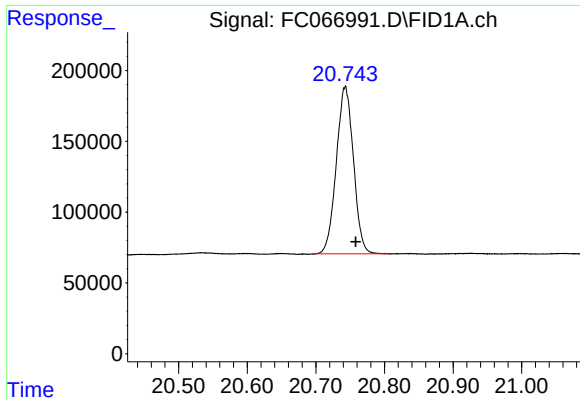
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.012 min
Response: 2445582
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

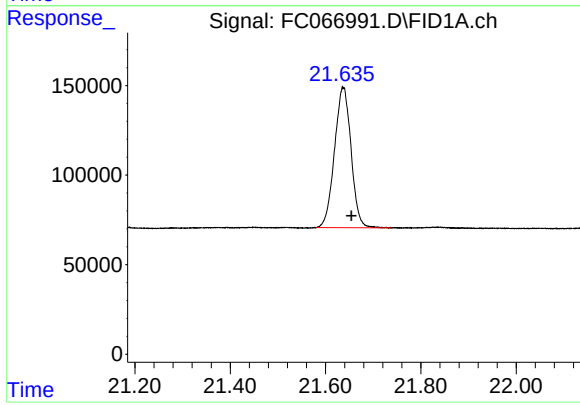
R.T.: 20.018 min
Delta R.T.: -0.011 min
Response: 2220195
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.015 min
Response: 2045927
Conc: 18.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: -0.017 min
Response: 1894260
Conc: 17.42 ug/ml