

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068110.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 12:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 25 04:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.426	2941767	18.825 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	12.866	2154311	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.233	2634300	19.238 ug/ml
2) T n-Decane (C10)	4.291	2657015	19.138 ug/ml
3) T A~Naphthalene (C11.7)	5.859	2894900	19.283 ug/ml
4) T n-Dodecane (C12)	6.299	2663535	19.066 ug/ml
5) T A~2-methylnaphthalene...	6.911	2757780	19.200 ug/ml
6) T n-Tetradecane (C14)	8.087	2585979	18.948 ug/ml
7) T n-Hexadecane (C16)	9.682	2618685	18.846 ug/ml
8) T n-Octadecane (C18)	11.120	2623680	18.752 ug/ml
10) T n-Eicosane (C20)	12.426	2499485	18.681 ug/ml
11) T n-Heneicosane (C21)	13.035	2451008	18.662 ug/ml
13) T n-Docosane (C22)	13.621	2412789	18.627 ug/ml
14) T n-Tetracosane (C24)	14.720	2374743	18.497 ug/ml
15) T n-Hexacosane (C26)	15.739	2309447	18.353 ug/ml
16) T n-Octacosane (C28)	16.686	2235326	17.872 ug/ml
17) T n-Tricontane (C30)	17.572	2228818	17.244 ug/ml
18) T n-Dotriacontane (C32)	18.401	2115795	16.925 ug/ml
19) T n-Tetratriacontane (C34)	19.183	1861106	17.157 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1620535	17.511 ug/ml
21) T n-Octatriacontane (C38)	20.636	1538604	17.956 ug/ml
22) T n-Tetracontane (C40)	21.495	1478735	18.288 ug/ml

(f)=RT Delta > 1/2 Window

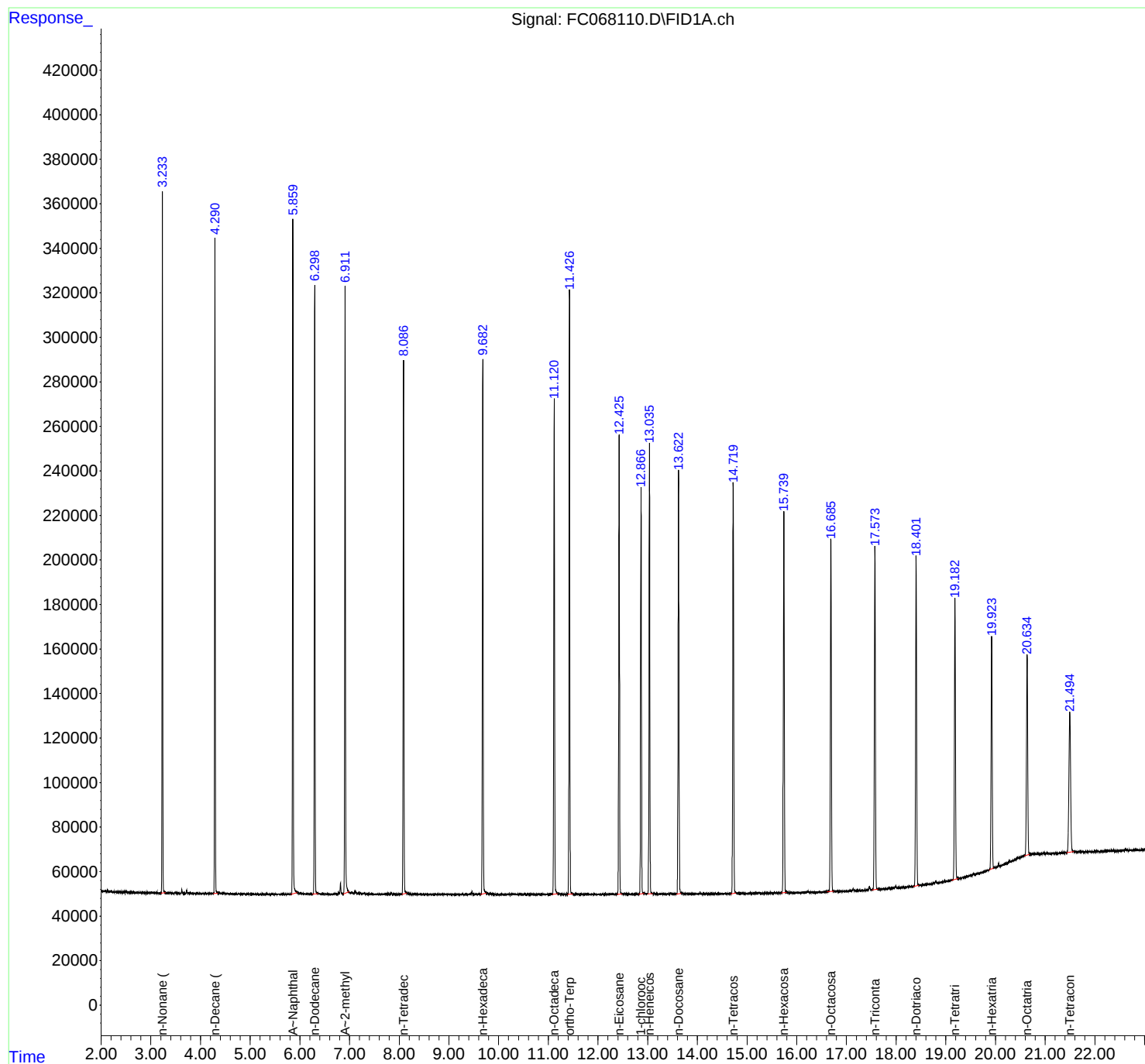
(m)=manual int.

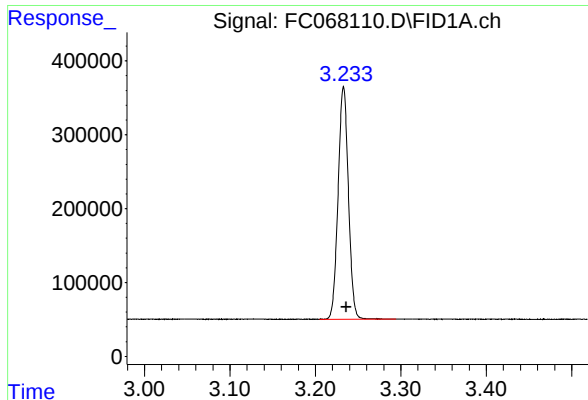
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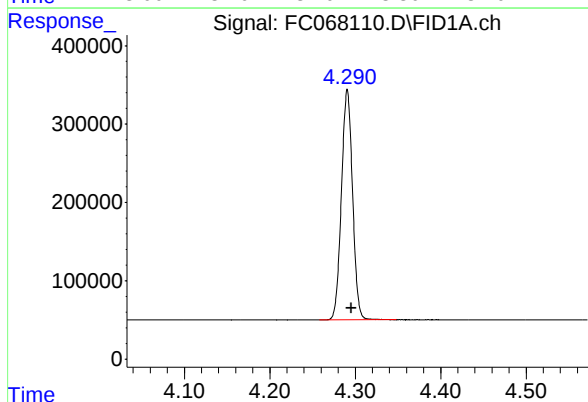




#1 n-Nonane (C9)

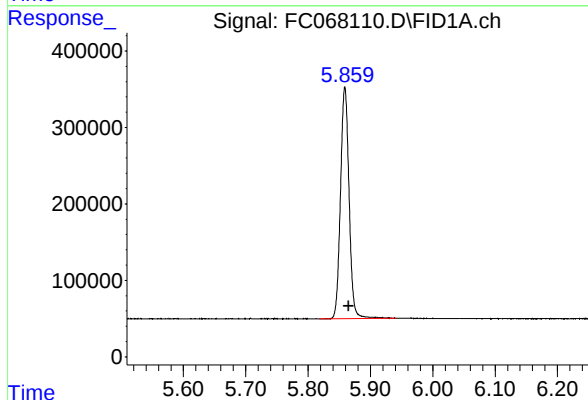
R.T.: 3.233 min
Delta R.T.: -0.003 min
Response: 2634300
Conc: 19.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



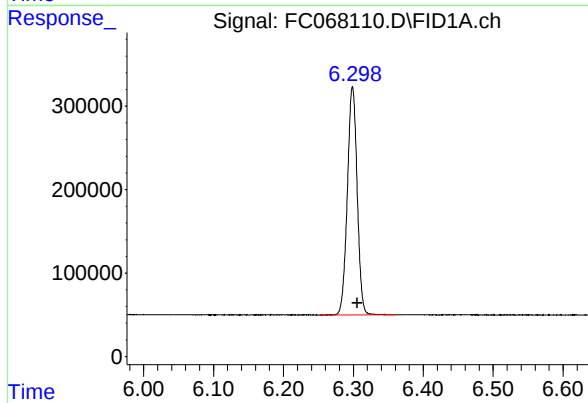
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 2657015
Conc: 19.14 ug/ml



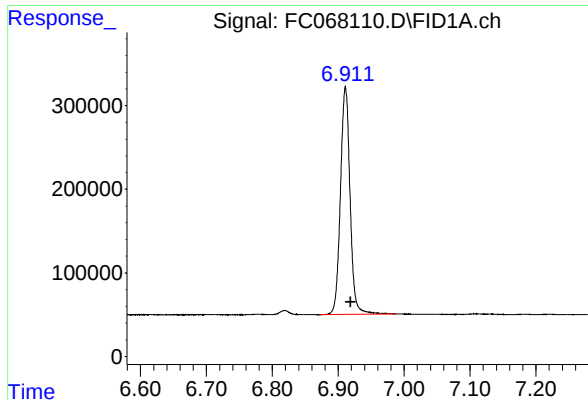
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.006 min
Response: 2894900
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

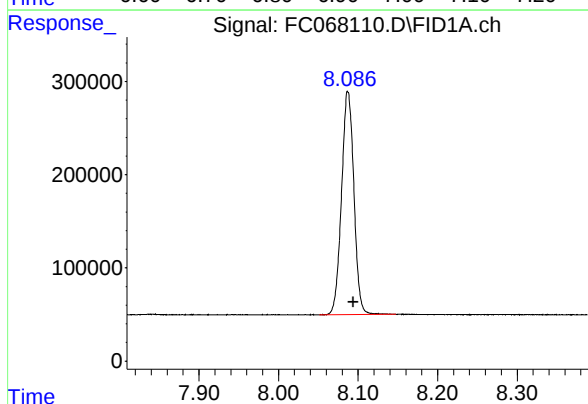
R.T.: 6.299 min
Delta R.T.: -0.007 min
Response: 2663535
Conc: 19.07 ug/ml



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

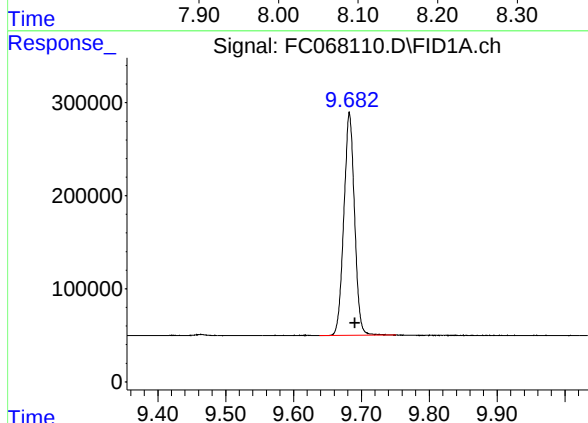
R.T.: 6.911 min
Delta R.T.: -0.008 min
Response: 2757780
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



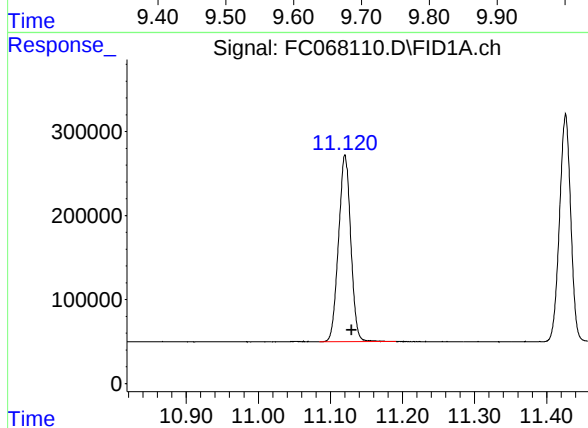
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: -0.007 min
Response: 2585979
Conc: 18.95 ug/ml



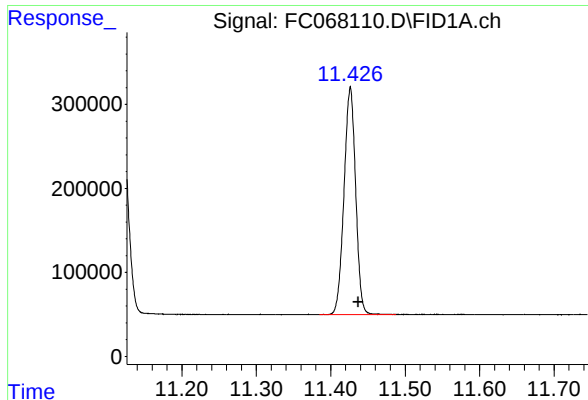
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2618685
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

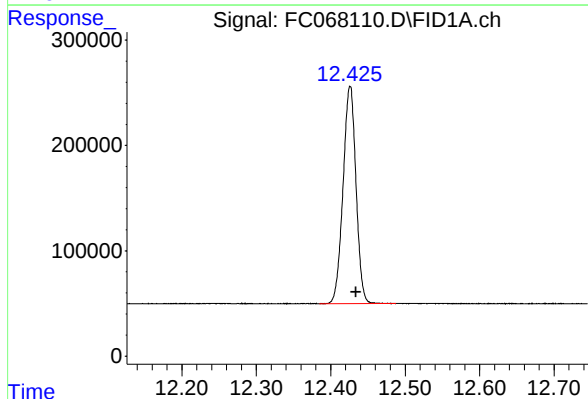
R.T.: 11.120 min
Delta R.T.: -0.009 min
Response: 2623680
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

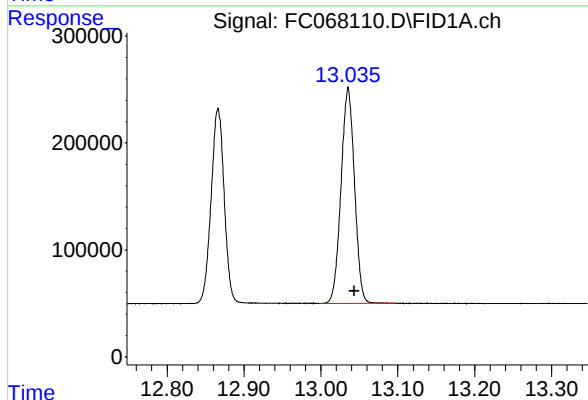
R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2941767
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



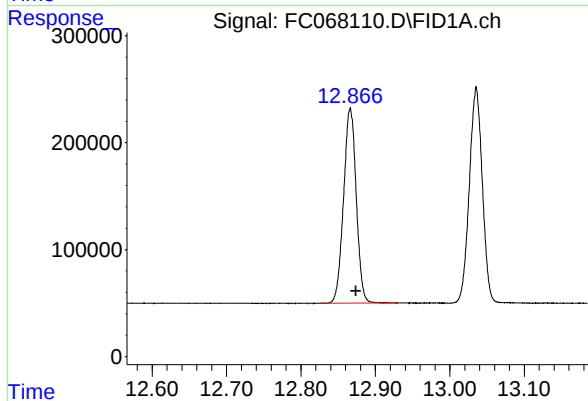
#10 n-Eicosane (C20)

R.T.: 12.426 min
Delta R.T.: -0.008 min
Response: 2499485
Conc: 18.68 ug/ml



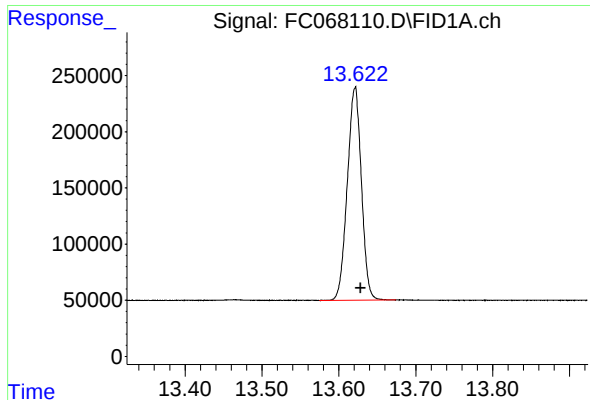
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.008 min
Response: 2451008
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

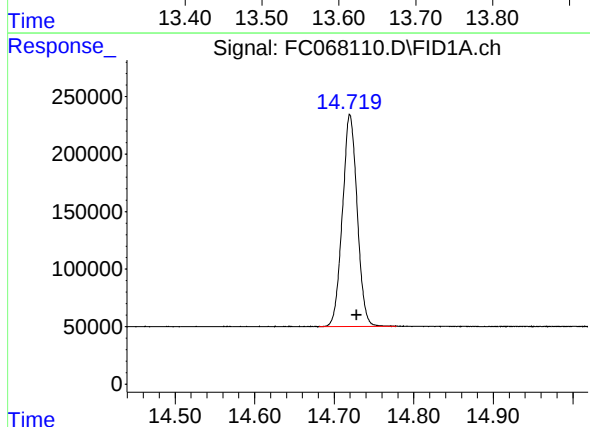
R.T.: 12.866 min
Delta R.T.: -0.008 min
Response: 2154311
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

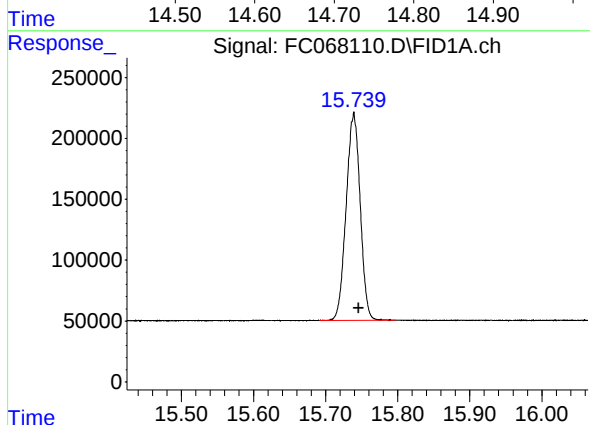
R.T.: 13.621 min
Delta R.T.: -0.007 min
Response: 2412789
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



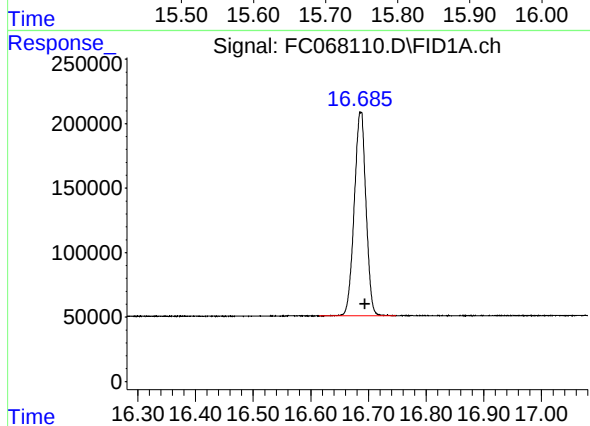
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.008 min
Response: 2374743
Conc: 18.50 ug/ml



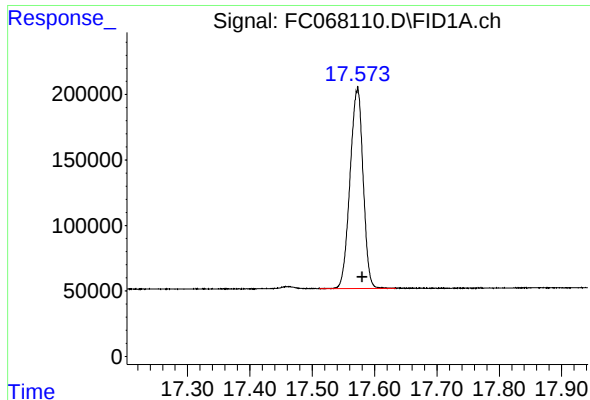
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: -0.007 min
Response: 2309447
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

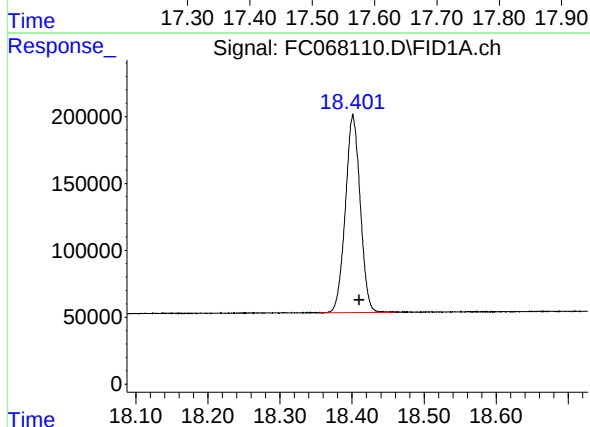
R.T.: 16.686 min
Delta R.T.: -0.007 min
Response: 2235326
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

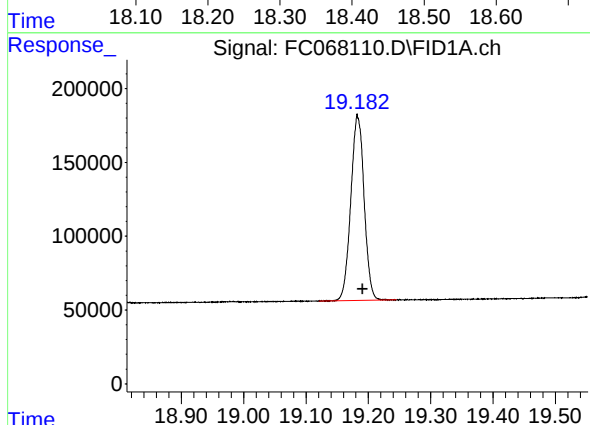
R.T.: 17.572 min
Delta R.T.: -0.008 min
Response: 2228818
Conc: 17.24 ug/ml

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20 PPM ALIPHATIC HC STD



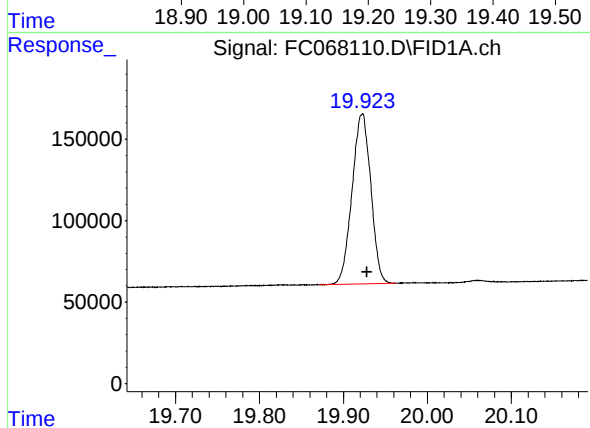
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.009 min
Response: 2115795
Conc: 16.92 ug/ml



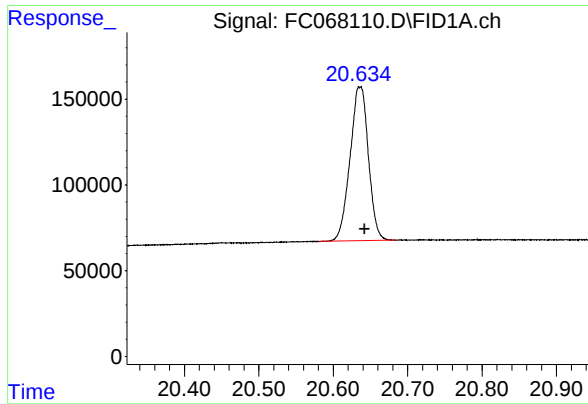
#19 n-Tetatriacontane (C34)

R.T.: 19.183 min
Delta R.T.: -0.008 min
Response: 1861106
Conc: 17.16 ug/ml



#20 n-Hexatriacontane (C36)

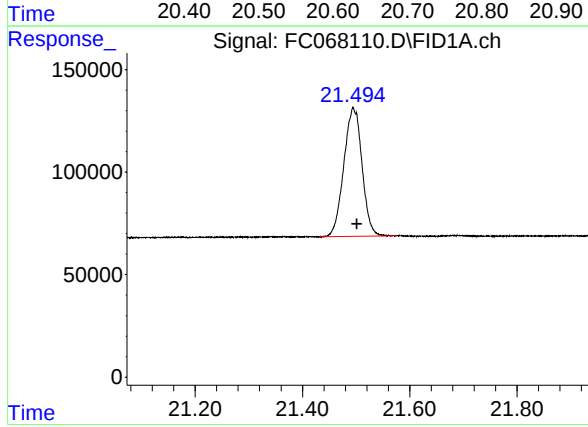
R.T.: 19.922 min
Delta R.T.: -0.006 min
Response: 1620535
Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: -0.006 min
Response: 1538604
Conc: 17.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.495 min
Delta R.T.: -0.006 min
Response: 1478735
Conc: 18.29 ug/ml