

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050825AL\
 Data File : FC068791.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2025 10:08
 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: May 09 09:07:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	2219595	19.446 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.142	1565834	19.518 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.442	1922576	19.115 ug/ml
2) T n-Decane (C10)	4.517	1942678	19.497 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2098038	19.028 ug/ml
4) T n-Dodecane (C12)	6.542	1909261	19.647 ug/ml
5) T A~2-methylnaphthalene...	7.172	2062288	19.214 ug/ml
6) T n-Tetradecane (C14)	8.340	1832286	19.825 ug/ml
7) T n-Hexadecane (C16)	9.942	1785048	19.935 ug/ml
8) T n-Octadecane (C18)	11.386	1742525	19.865 ug/ml
10) T n-Eicosane (C20)	12.696	1691786	19.852 ug/ml
11) T n-Heneicosane (C21)	13.308	1672548	19.830 ug/ml
13) T n-Docosane (C22)	13.895	1674343	20.014 ug/ml
14) T n-Tetracosane (C24)	14.999	1666372	20.027 ug/ml
15) T n-Hexacosane (C26)	16.021	1659557	20.030 ug/ml
16) T n-Octacosane (C28)	16.972	1726788	20.894 ug/ml
17) T n-Tricontane (C30)	17.860	1894773	22.394 ug/ml
18) T n-Dotriacontane (C32)	18.695	1964672	22.809 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1855099	21.773 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1801911	20.965 ug/ml
21) T n-Octatriacontane (C38)	20.995	1724546	20.559 ug/ml
22) T n-Tetracontane (C40)	21.971	1631760	19.910 ug/ml

(f)=RT Delta > 1/2 Window

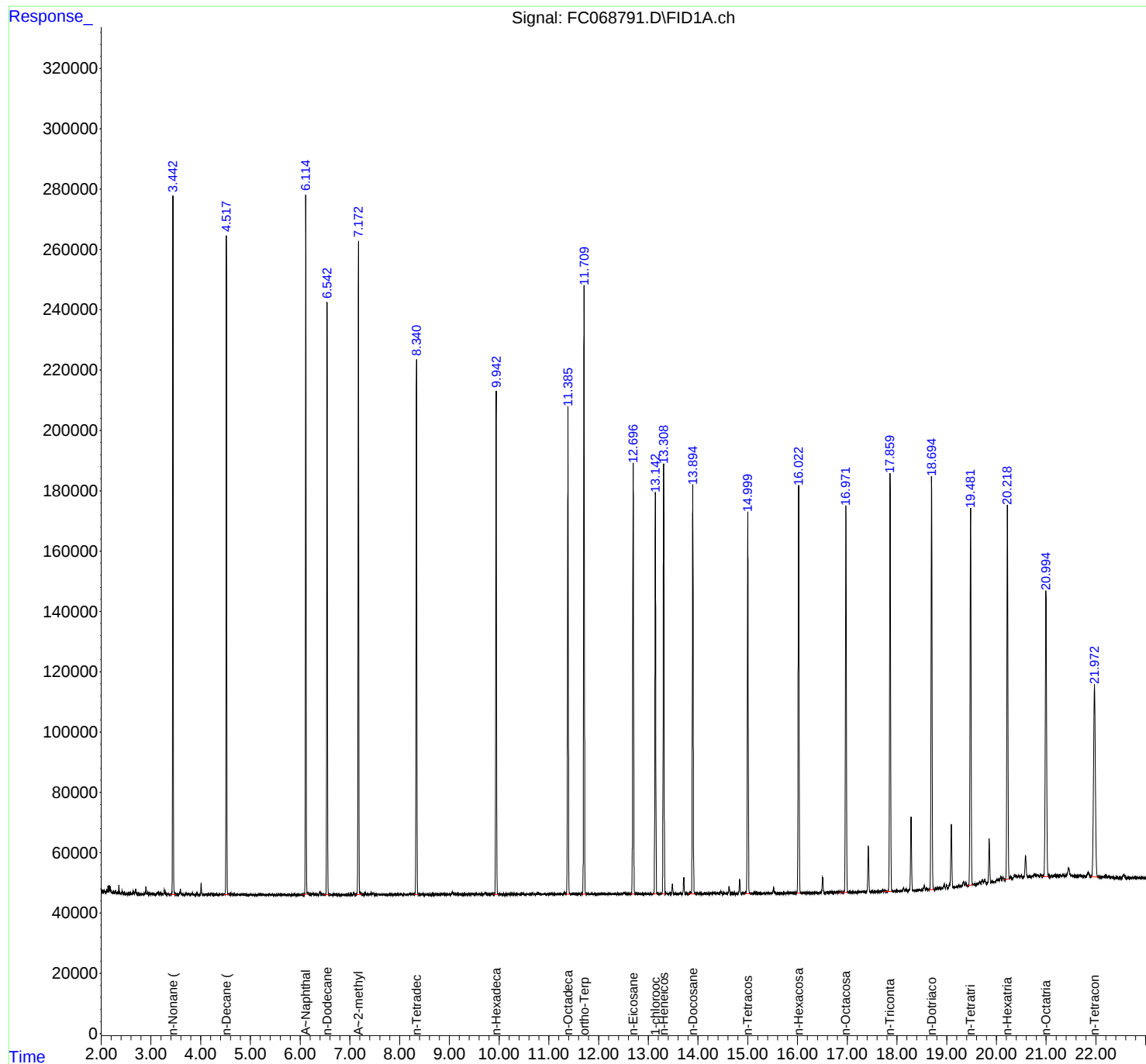
(m)=manual int.

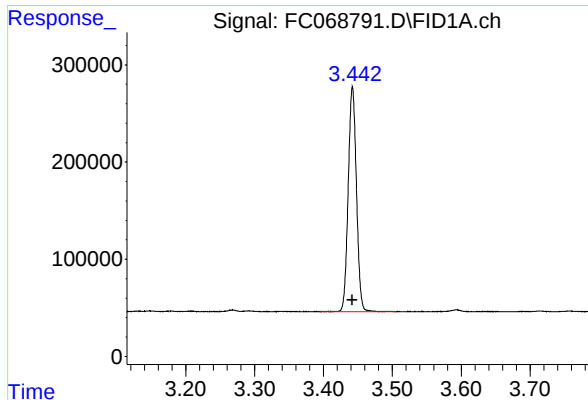
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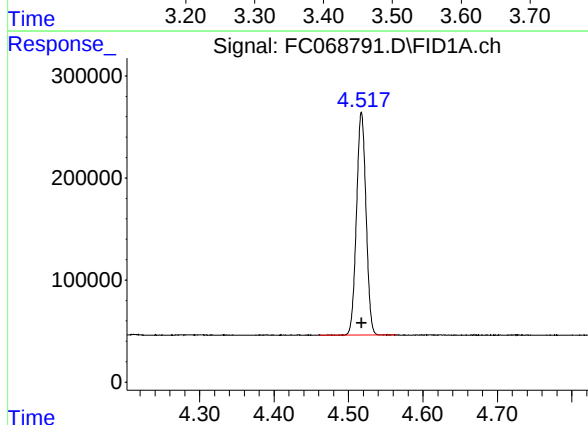




#1 n-Nonane (C9)

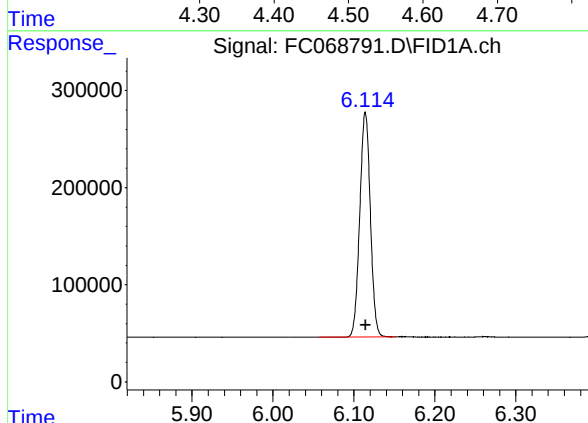
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1922576
Conc: 19.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



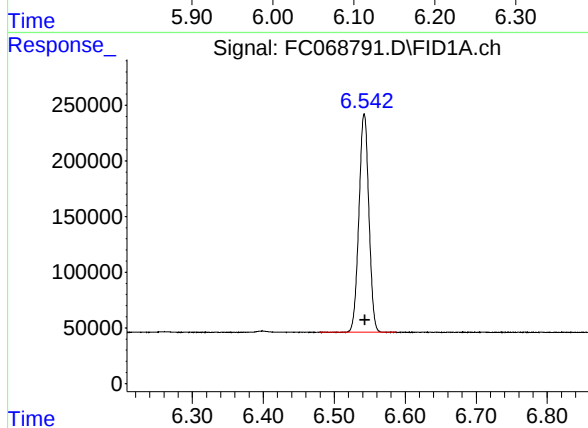
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1942678
Conc: 19.50 ug/ml



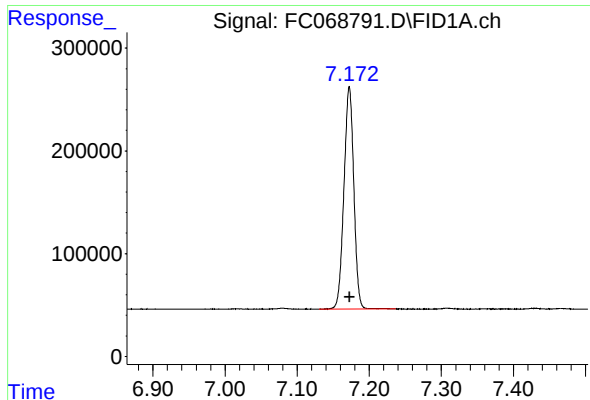
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 2098038
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

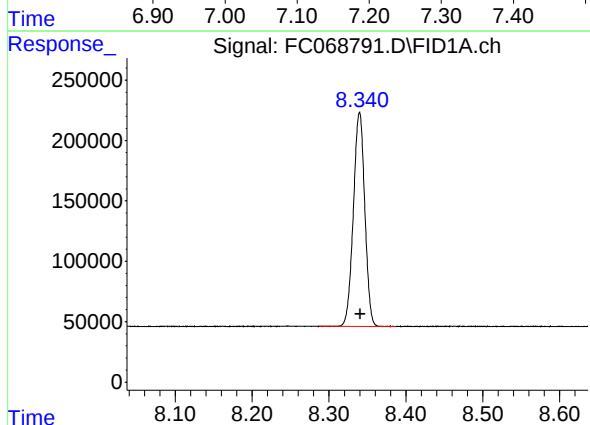
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 1909261
Conc: 19.65 ug/ml



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

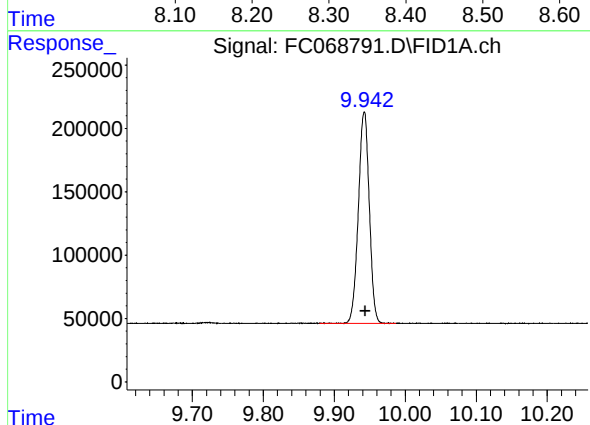
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 2062288
Conc: 19.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



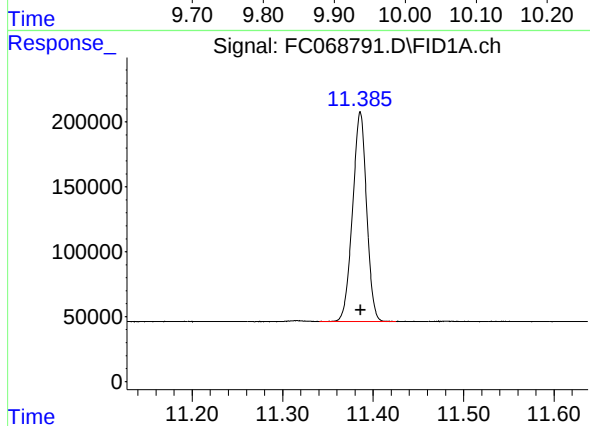
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 1832286
Conc: 19.82 ug/ml



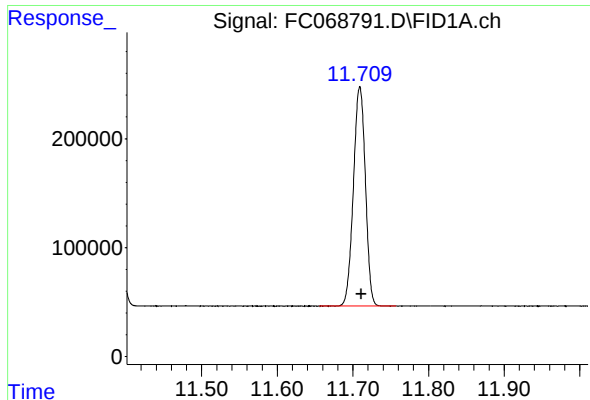
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 1785048
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

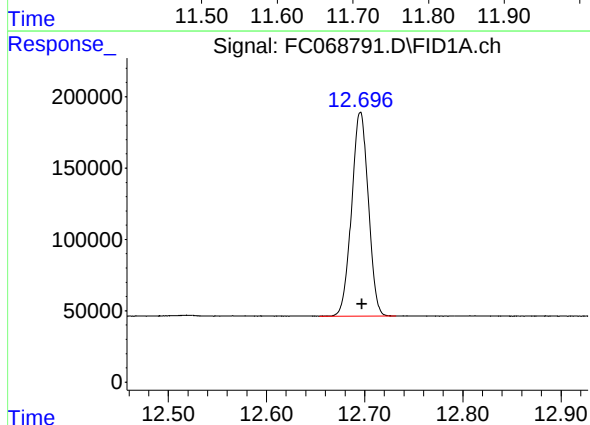
R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 1742525
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

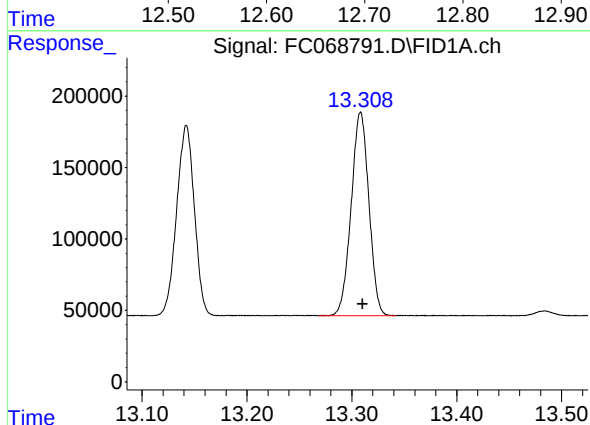
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 2219595
Conc: 19.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



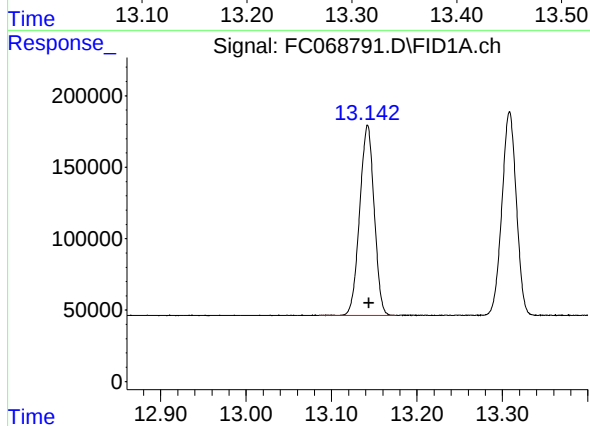
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.002 min
Response: 1691786
Conc: 19.85 ug/ml



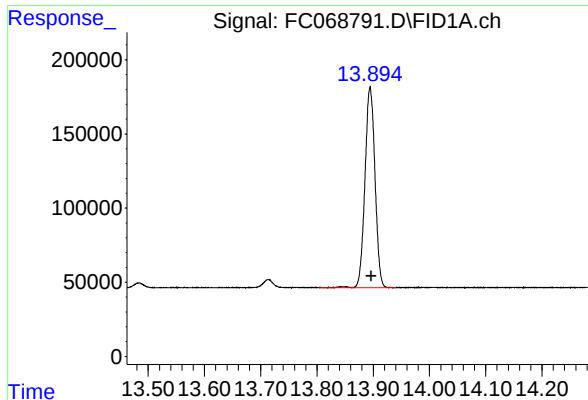
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 1672548
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

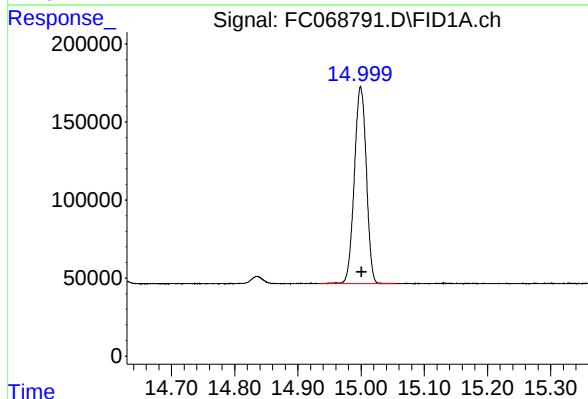
R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 1565834
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

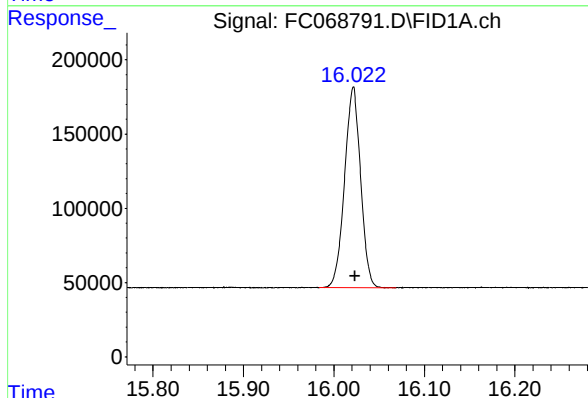
R.T.: 13.895 min
Delta R.T.: -0.002 min
Response: 1674343
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



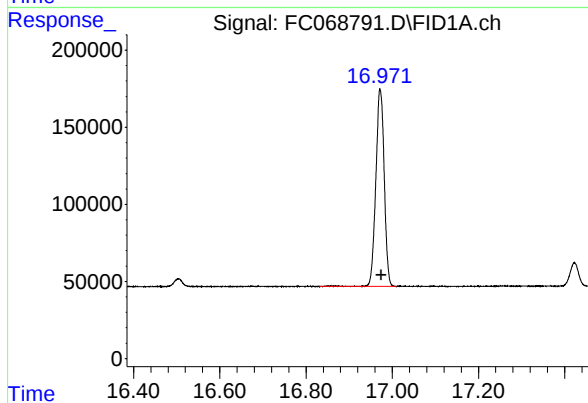
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.001 min
Response: 1666372
Conc: 20.03 ug/ml



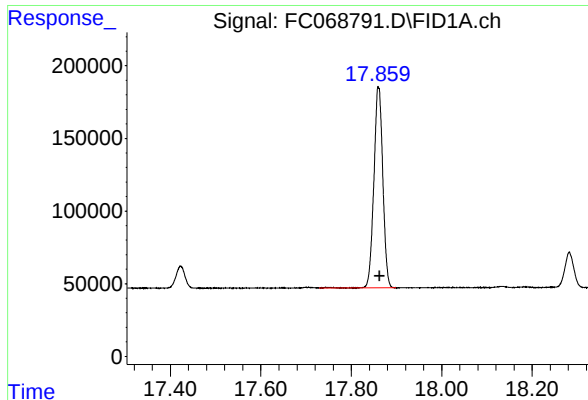
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 1659557
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

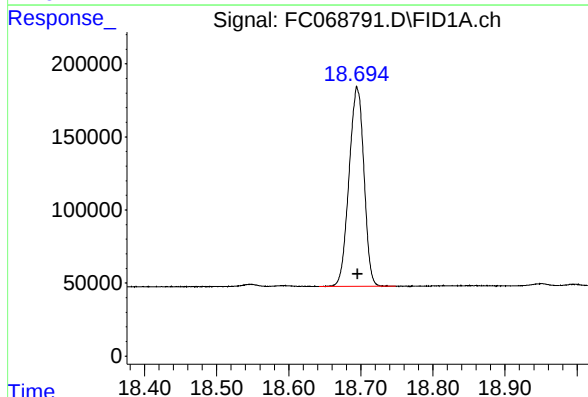
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 1726788
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

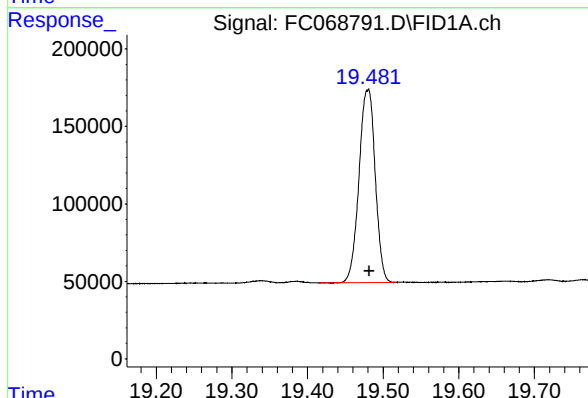
R.T.: 17.860 min
Delta R.T.: -0.002 min
Response: 1894773
Conc: 22.39 ug/ml

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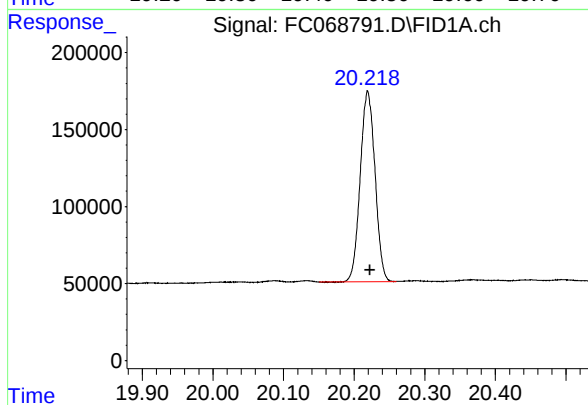
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 1964672
Conc: 22.81 ug/ml



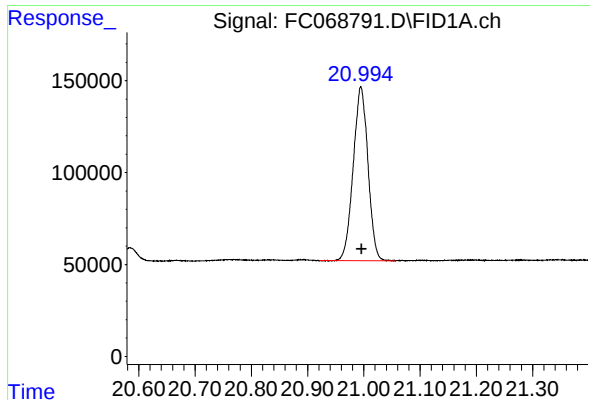
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.002 min
Response: 1855099
Conc: 21.77 ug/ml



#20 n-Hexatriacontane (C36)

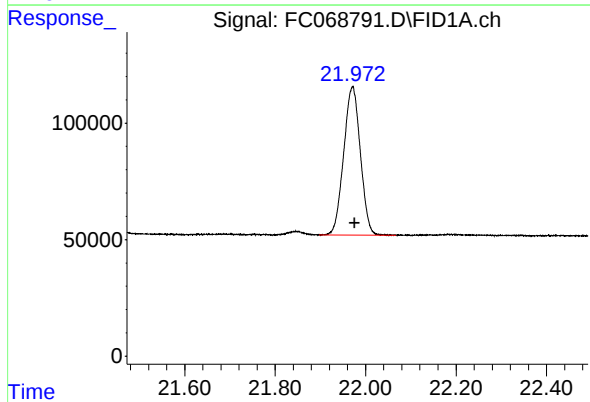
R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 1801911
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.002 min
Response: 1724546
Conc: 20.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.004 min
Response: 1631760
Conc: 19.91 ug/ml