

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041525AL\
 Data File : FC068617.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2025 19:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 15 21:01:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.720	2391197	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.153	1773417	19.091 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.446	2211210	20.995 ug/ml
2) T n-Decane (C10)	4.522	2245734	21.315 ug/ml
3) T A~Naphthalene (C11.7)	6.122	2474923	21.251 ug/ml
4) T n-Dodecane (C12)	6.550	2211433	21.029 ug/ml
5) T A~2-methylnaphthalene...	7.181	2370520	20.524 ug/ml
6) T n-Tetradecane (C14)	8.348	2130526	20.724 ug/ml
7) T n-Hexadecane (C16)	9.951	2150722	21.118 ug/ml
8) T n-Octadecane (C18)	11.396	2135932	21.225 ug/ml
10) T n-Eicosane (C20)	12.706	2037932	20.719 ug/ml
11) T n-Heneicosane (C21)	13.320	1998707	20.509 ug/ml
13) T n-Docosane (C22)	13.907	1992472	20.627 ug/ml
14) T n-Tetracosane (C24)	15.013	1988306	20.889 ug/ml
15) T n-Hexacosane (C26)	16.035	1967624	21.066 ug/ml
16) T n-Octacosane (C28)	16.986	1952599	21.326 ug/ml
17) T n-Tricontane (C30)	17.876	2015079	21.919 ug/ml
18) T n-Dotriacontane (C32)	18.710	1974954	21.530 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1760005	19.700 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1568883	17.514 ug/ml
21) T n-Octatriacontane (C38)	21.016	1503700	17.008 ug/ml
22) T n-Tetracontane (C40)	21.998	1505194	17.045 ug/ml

(f)=RT Delta > 1/2 Window

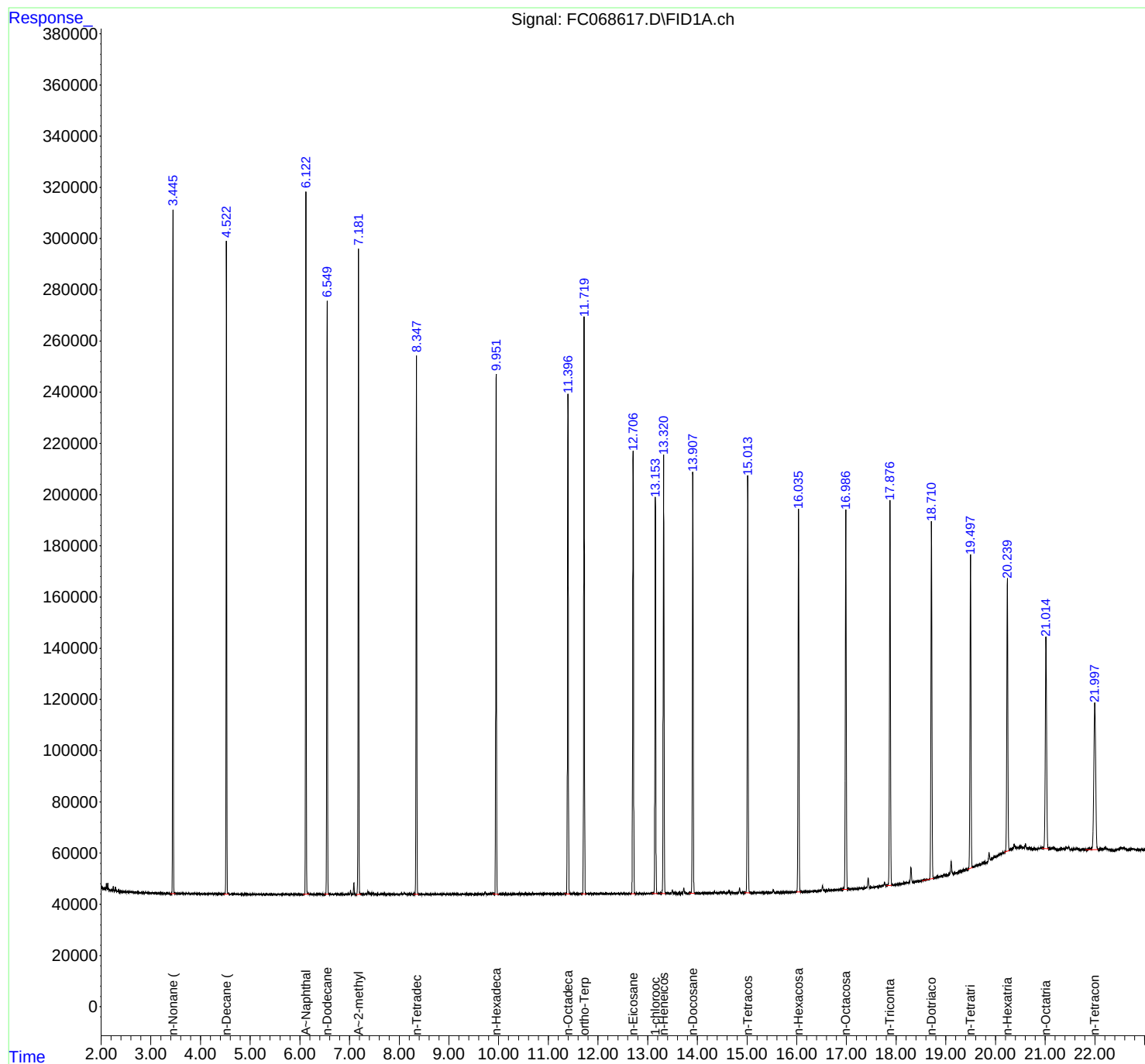
(m)=manual int.

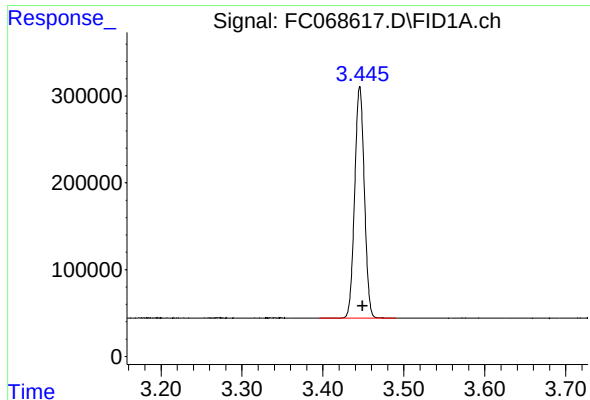
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041525AL\
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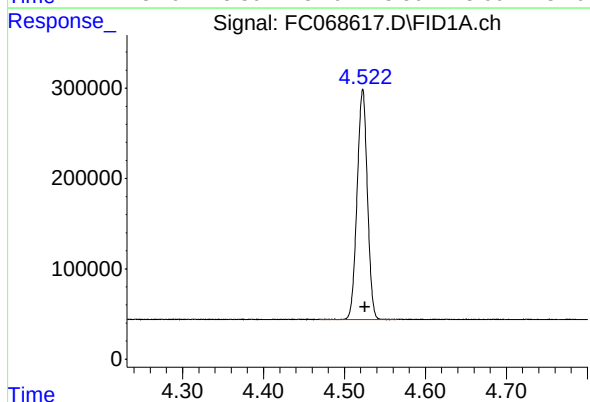




#1 n-Nonane (C9)

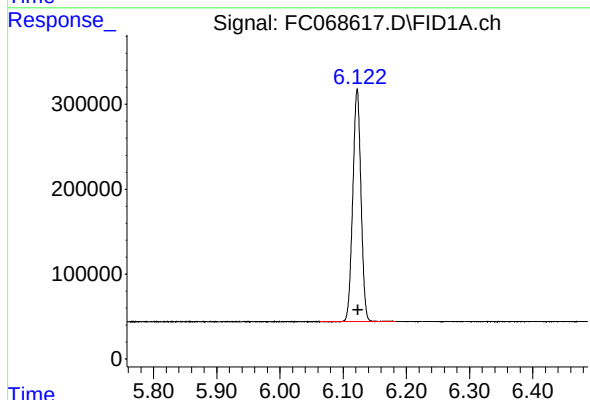
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2211210
Conc: 20.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



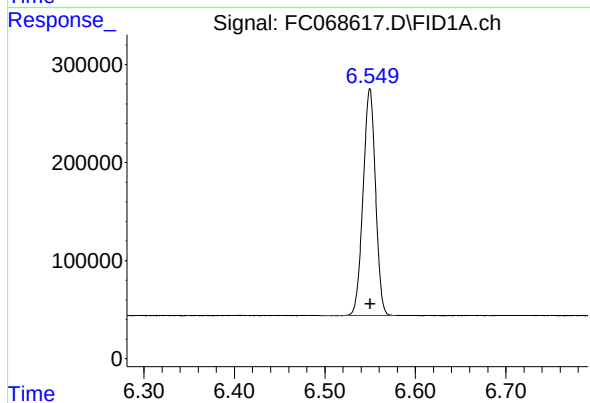
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2245734
Conc: 21.31 ug/ml



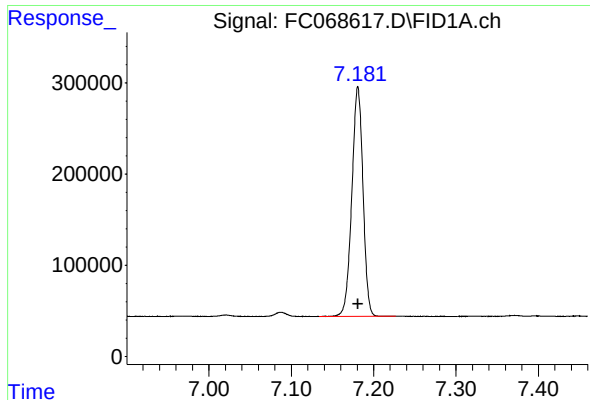
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 2474923
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

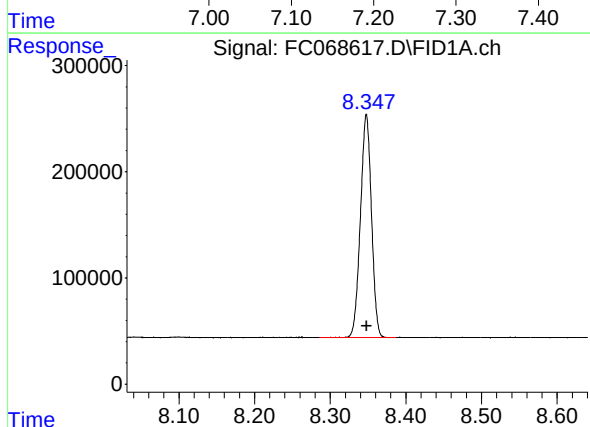
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2211433
Conc: 21.03 ug/ml



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

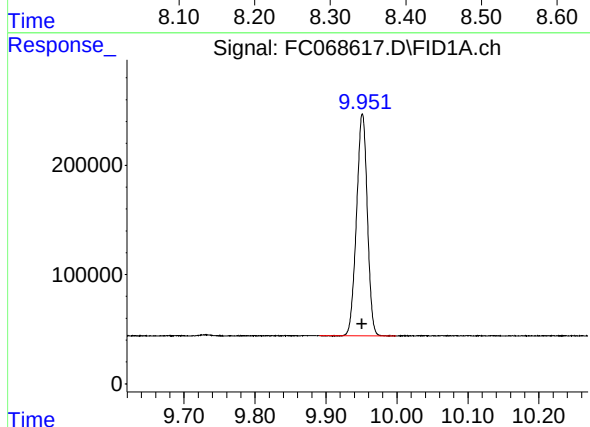
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 2370520
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



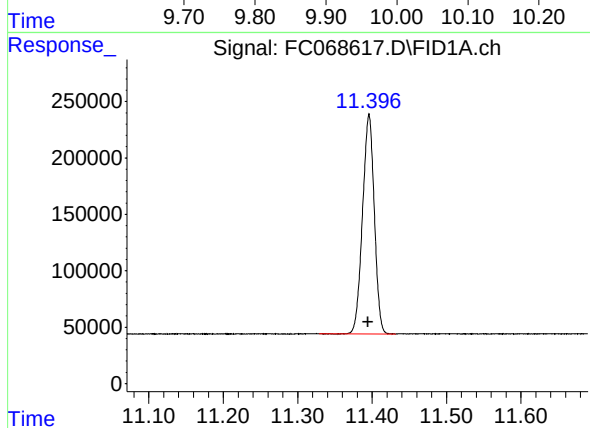
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 2130526
Conc: 20.72 ug/ml



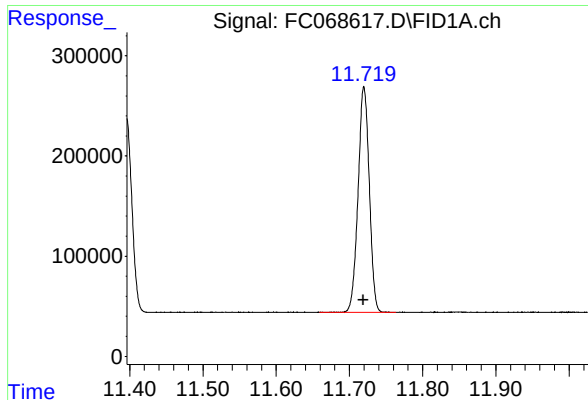
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 2150722
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

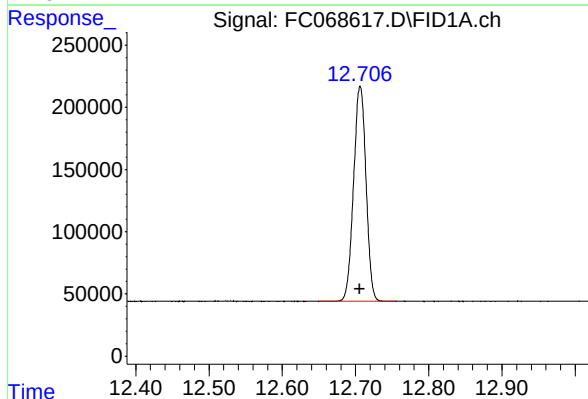
R.T.: 11.396 min
Delta R.T.: 0.001 min
Response: 2135932
Conc: 21.23 ug/ml



#9 ortho-Terphenyl (SURR)

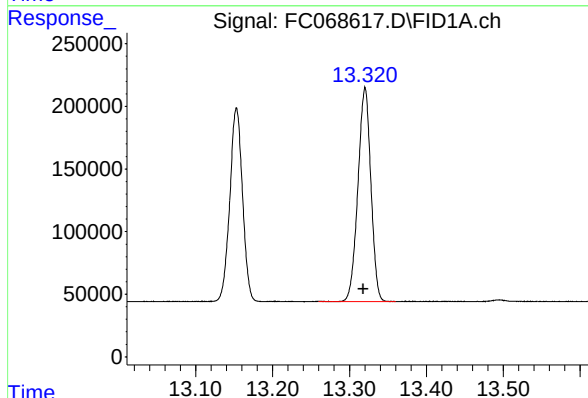
R.T.: 11.720 min
Delta R.T.: 0.001 min
Response: 2391197
Conc: 18.78 ug/ml

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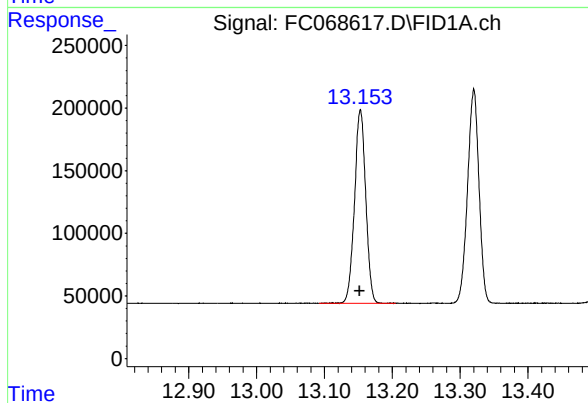
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 2037932
Conc: 20.72 ug/ml



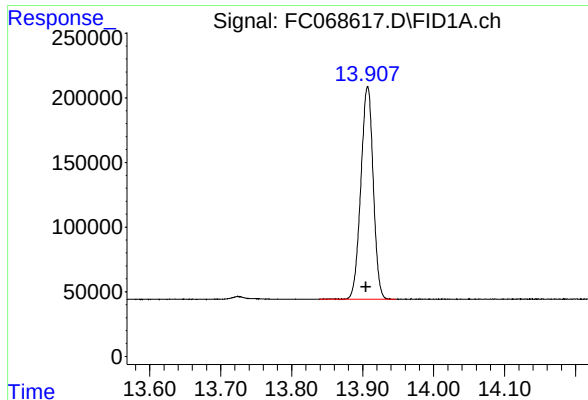
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 1998707
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

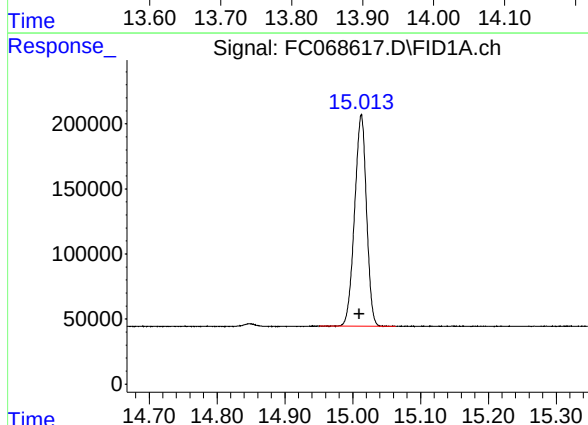
R.T.: 13.153 min
Delta R.T.: 0.001 min
Response: 1773417
Conc: 19.09 ug/ml



#13 n-Docosane (C22)

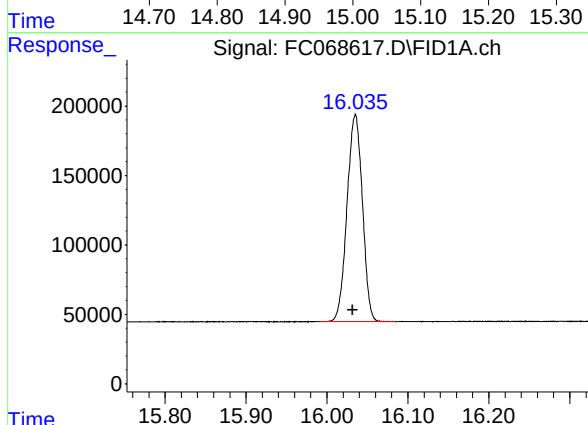
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 1992472
Conc: 20.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



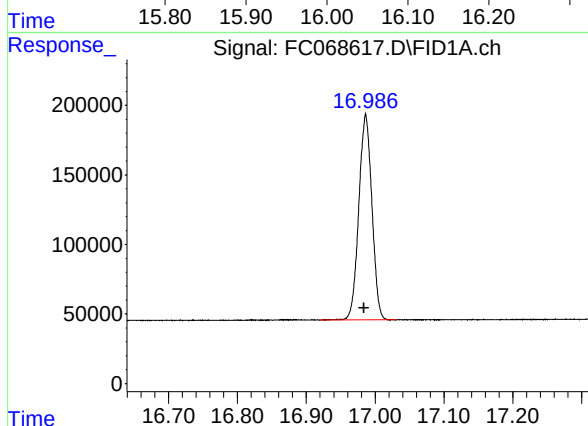
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.002 min
Response: 1988306
Conc: 20.89 ug/ml



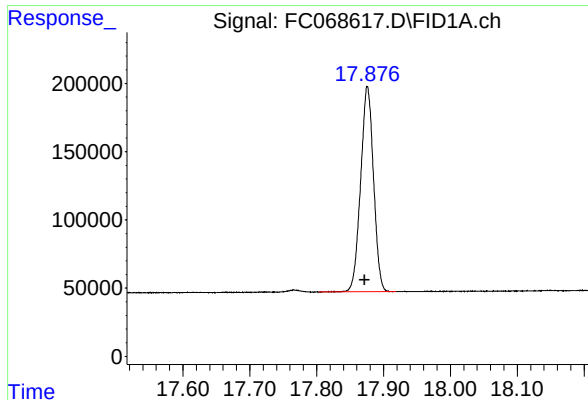
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 1967624
Conc: 21.07 ug/ml



#16 n-Octacosane (C28)

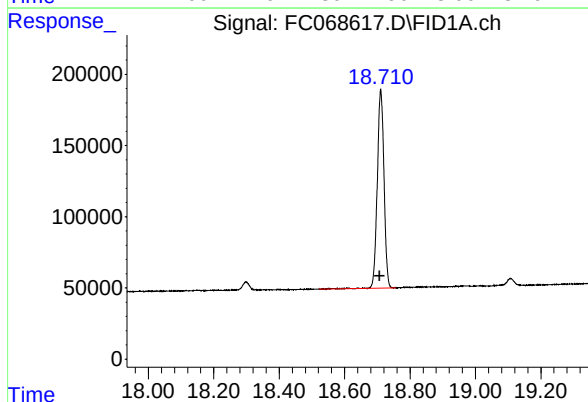
R.T.: 16.986 min
Delta R.T.: 0.003 min
Response: 1952599
Conc: 21.33 ug/ml



#17 n-Tricontane (C30)

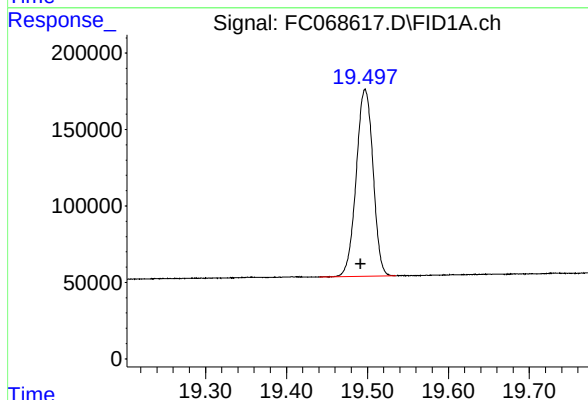
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 2015079
Conc: 21.92 ug/ml

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20 PPM ALIPHATIC HC STD



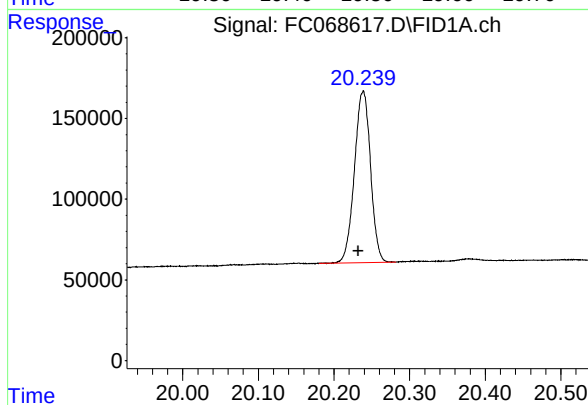
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.004 min
Response: 1974954
Conc: 21.53 ug/ml



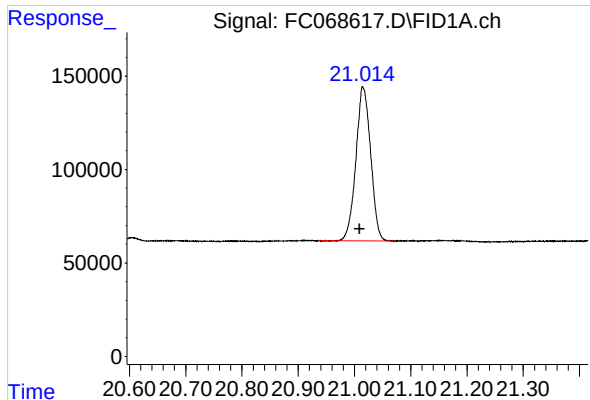
#19 n-Tetatriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.006 min
Response: 1760005
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

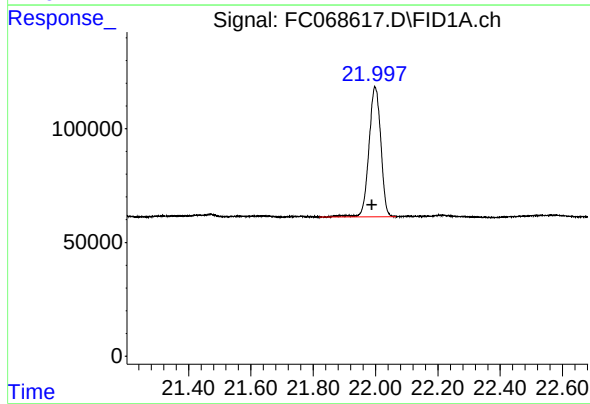
R.T.: 20.238 min
Delta R.T.: 0.006 min
Response: 1568883
Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: 0.006 min
Response: 1503700
Conc: 17.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.010 min
Response: 1505194
Conc: 17.05 ug/ml