

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063709.D
 Signal(s) : FID1A.ch
 Acq On : 27 May 2023 03:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 06:15:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.531	3767149	20.644 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
12) S 1-chlorooctadecane (S...	12.967	2674660	20.933 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	3.313	3254871	20.422 ug/ml
2) T n-Decane (C10)	4.376	3325919	20.575 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3599501	20.719 ug/ml
4) T n-Dodecane (C12)	6.390	3355870	20.524 ug/ml
5) T A~2-methylnaphthalene...	7.013	3393764	20.716 ug/ml
6) T n-Tetradecane (C14)	8.182	3265789	20.765 ug/ml
7) T n-Hexadecane (C16)	9.780	3298701	20.728 ug/ml
8) T n-Octadecane (C18)	11.218	3298567	20.847 ug/ml
10) T n-Eicosane (C20)	12.524	3095858	20.933 ug/ml
11) T n-Heneicosane (C21)	13.133	3007043	20.890 ug/ml
13) T n-Docosane (C22)	13.718	2935450	20.838 ug/ml
14) T n-Tetracosane (C24)	14.816	2848075	20.756 ug/ml
15) T n-Hexacosane (C26)	15.834	2745018	20.703 ug/ml
16) T n-Octacosane (C28)	16.781	2646943	20.846 ug/ml
17) T n-Tricontane (C30)	17.665	2631672	20.598 ug/ml
18) T n-Dotriacontane (C32)	18.493	2568339	20.640 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2523468	20.466 ug/ml
20) T n-Hexatriacontane (C36)	20.010	2471886	20.595 ug/ml
21) T n-Octatriacontane (C38)	20.736	2480808	20.548 ug/ml
22) T n-Tetracontane (C40)	21.626	2481750	20.482 ug/ml

(f)=RT Delta > 1/2 Window

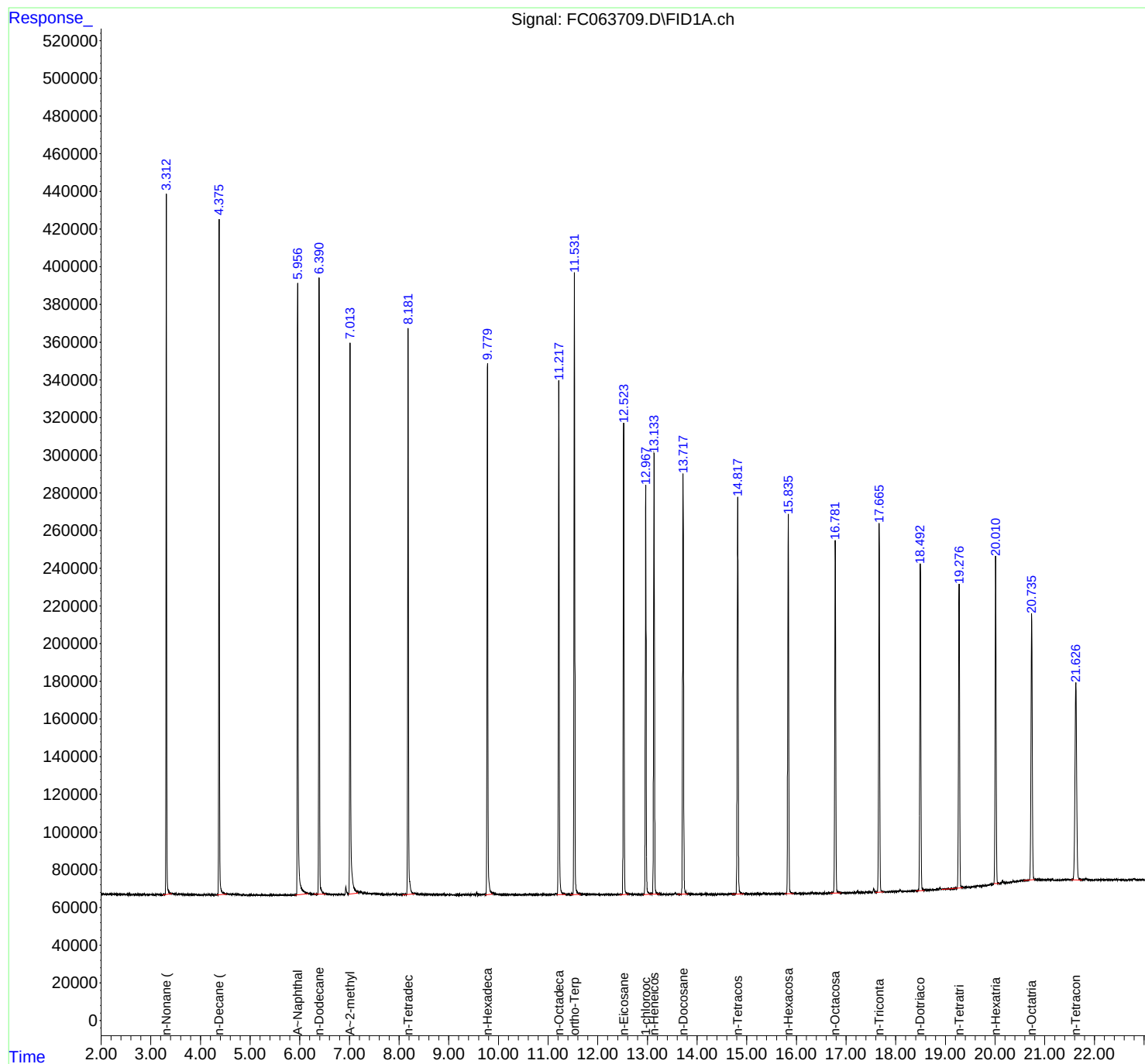
(m)=manual int.

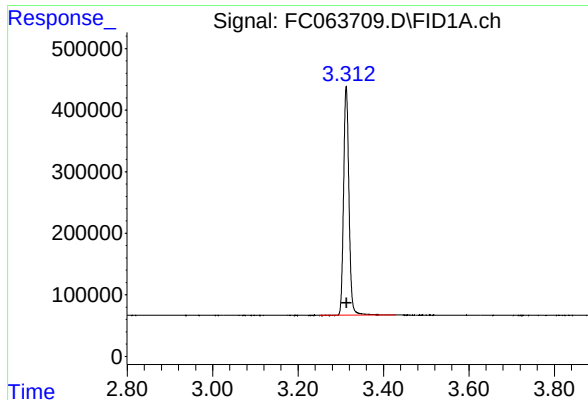
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
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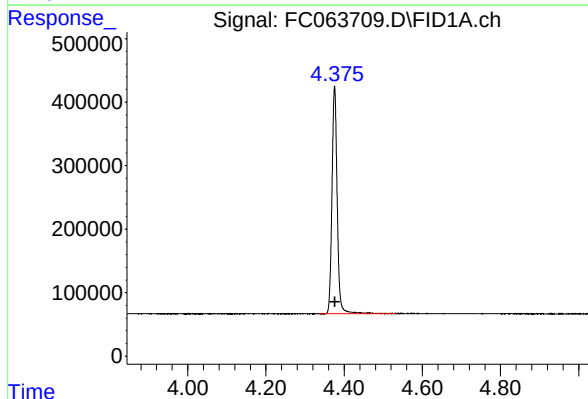




#1 n-Nonane (C9)

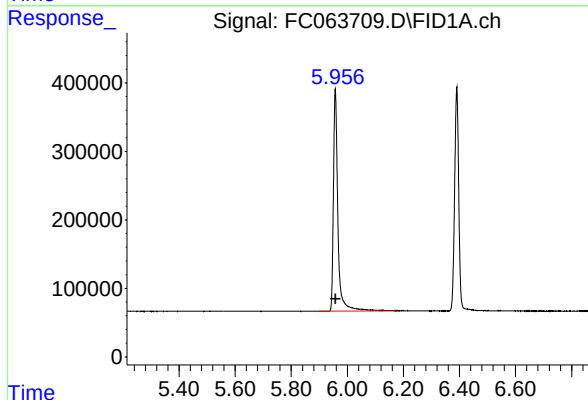
R.T.: 3.313 min
Delta R.T.: -0.001 min
Response: 3254871
Conc: 20.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



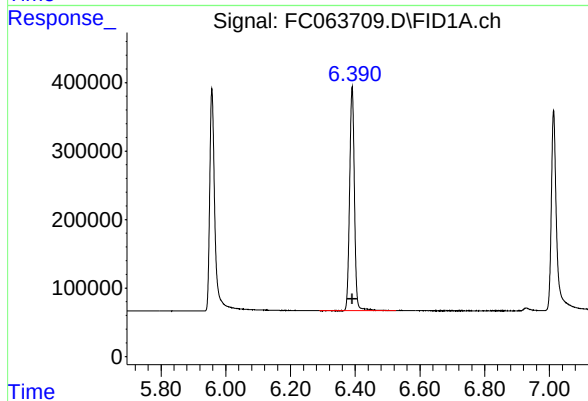
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3325919
Conc: 20.57 ug/ml



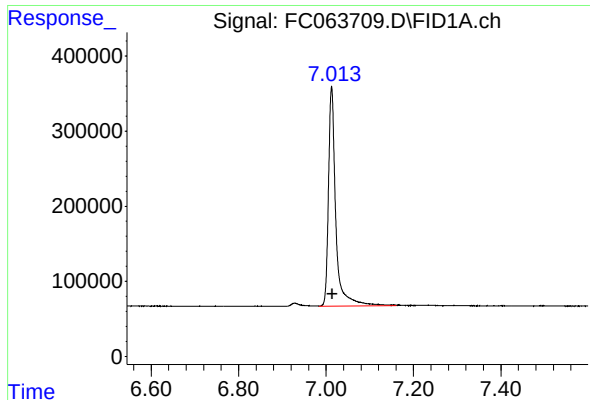
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 3599501
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

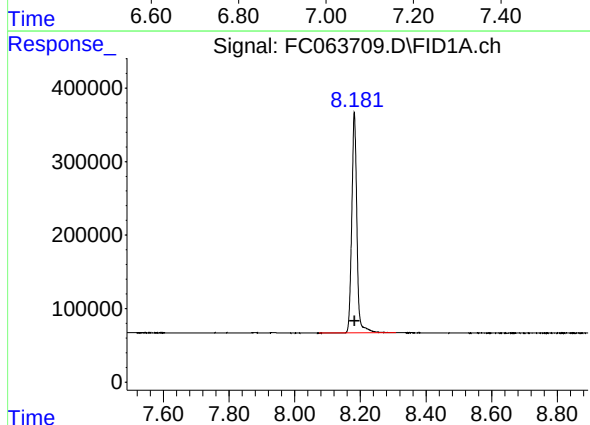
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 3355870
Conc: 20.52 ug/ml



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

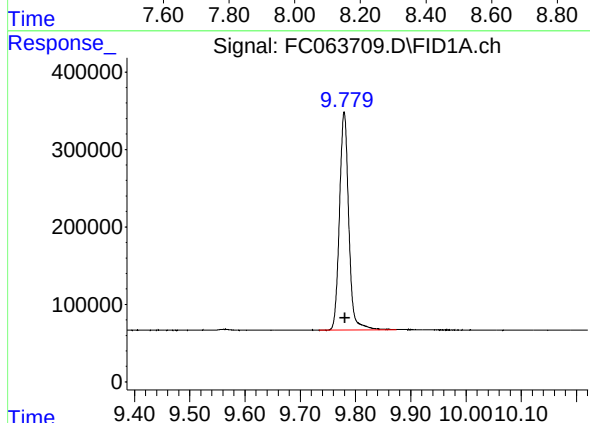
R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 3393764
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



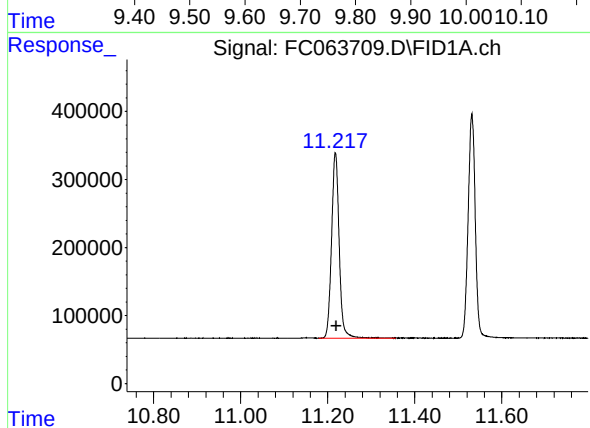
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.001 min
Response: 3265789
Conc: 20.77 ug/ml



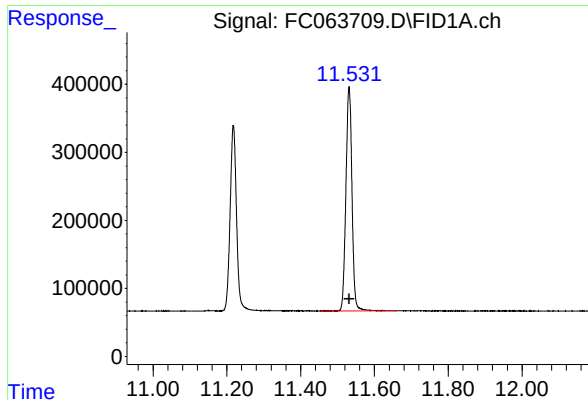
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.001 min
Response: 3298701
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

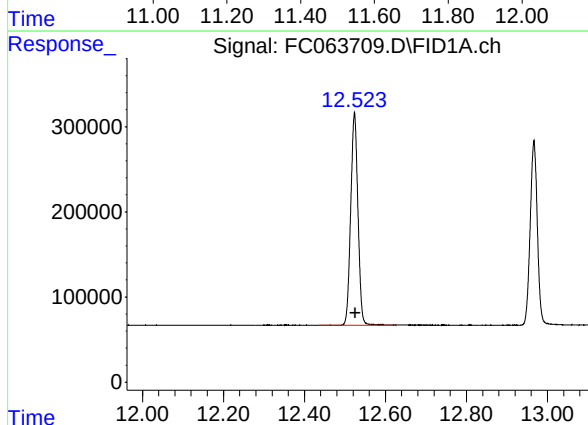
R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 3298567
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

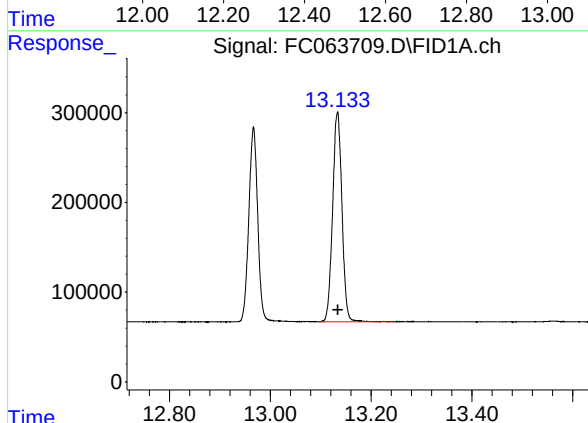
R.T.: 11.531 min
Delta R.T.: -0.001 min
Response: 3767149
Conc: 20.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



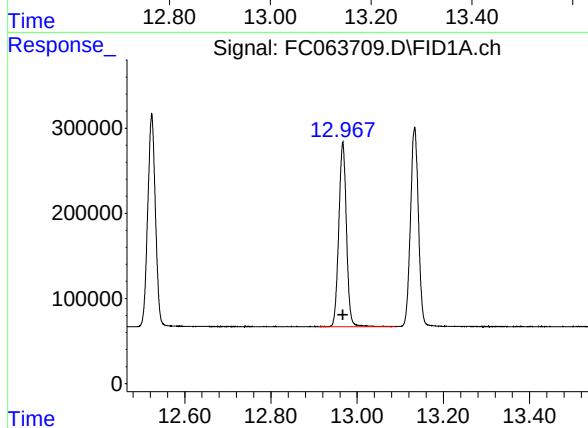
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.002 min
Response: 3095858
Conc: 20.93 ug/ml



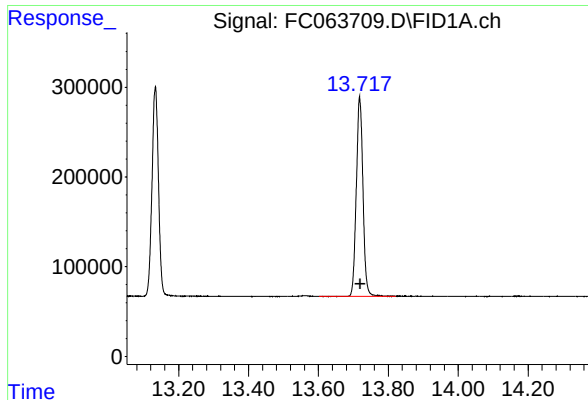
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.001 min
Response: 3007043
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

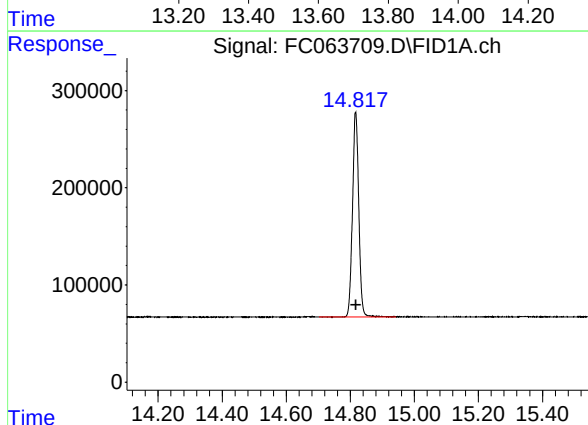
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2674660
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

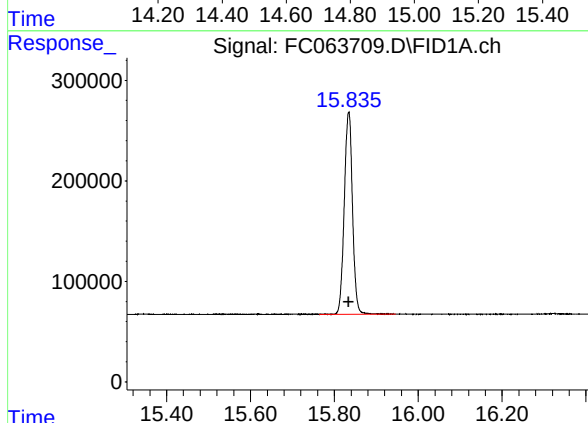
R.T.: 13.718 min
Delta R.T.: -0.002 min
Response: 2935450
Conc: 20.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



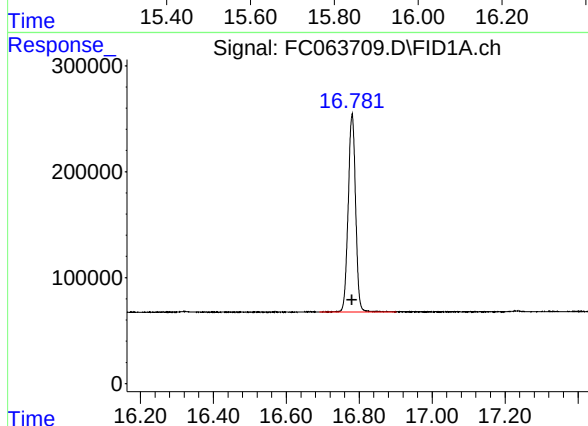
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.001 min
Response: 2848075
Conc: 20.76 ug/ml



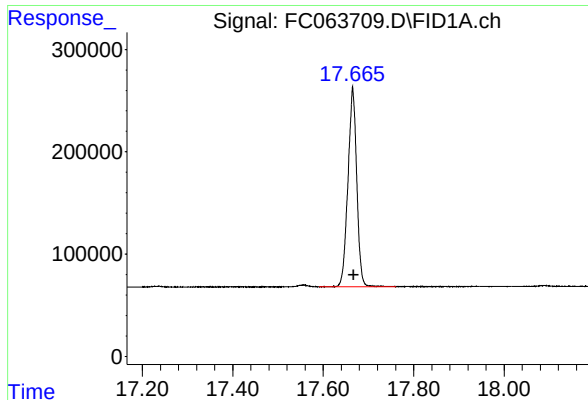
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.000 min
Response: 2745018
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

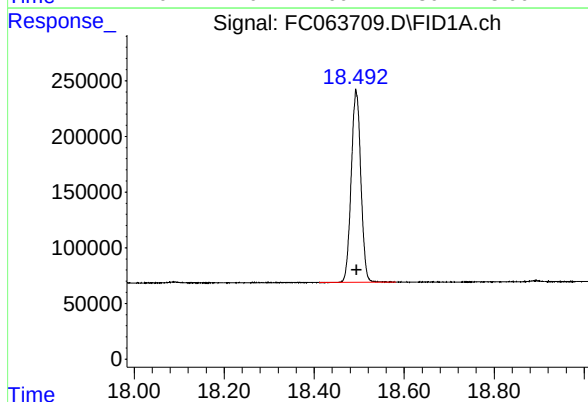
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2646943
Conc: 20.85 ug/ml



#17 n-Tricontane (C30)

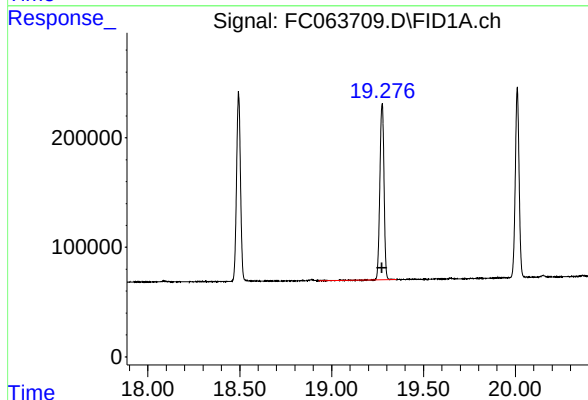
R.T.: 17.665 min
Delta R.T.: -0.002 min
Response: 2631672
Conc: 20.60 ug/ml

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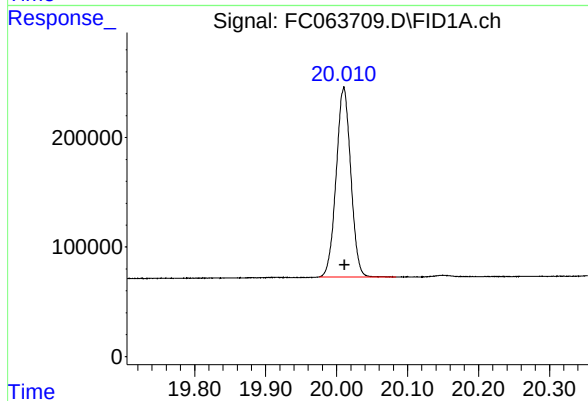
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2568339
Conc: 20.64 ug/ml



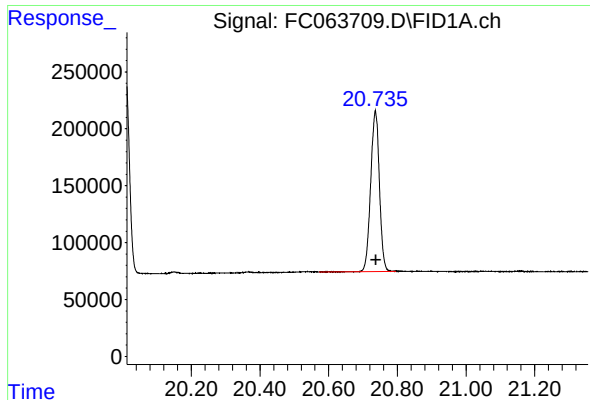
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2523468
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

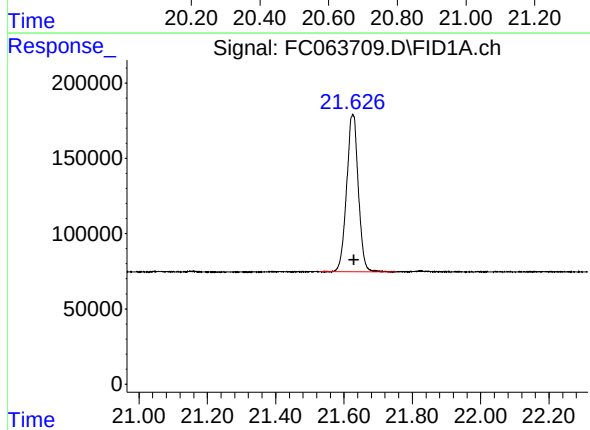
R.T.: 20.010 min
Delta R.T.: -0.001 min
Response: 2471886
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.002 min
Response: 2480808
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: -0.003 min
Response: 2481750
Conc: 20.48 ug/ml