

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051023AL\
 Data File : FE041849.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2023 21:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 11 01:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.967	3346251	17.836 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.403	2475301	17.522 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
Target Compounds			
1) T n-Nonane (C9)	3.347	2602770	17.706 ug/ml
2) T n-Decane (C10)	4.600	2719184	18.130 ug/ml
3) T A~Naphthalene (C11.7)	6.305	3006068	18.165 ug/ml
4) T n-Dodecane (C12)	6.768	2746048	18.061 ug/ml
5) T A~2-methylnaphthalene...	7.402	2922208	18.123 ug/ml
6) T n-Tetradecane (C14)	8.597	2756125	18.144 ug/ml
7) T n-Hexadecane (C16)	10.205	2889161	18.104 ug/ml
8) T n-Octadecane (C18)	11.649	2960988	18.064 ug/ml
10) T n-Eicosane (C20)	12.958	2864711	17.810 ug/ml
11) T n-Heneicosane (C21)	13.571	2818205	17.683 ug/ml
13) T n-Docosane (C22)	14.156	2812620	17.653 ug/ml
14) T n-Tetracosane (C24)	15.258	2819217	17.487 ug/ml
15) T n-Hexacosane (C26)	16.280	2750448	17.397 ug/ml
16) T n-Octacosane (C28)	17.229	2747609	17.856 ug/ml
17) T n-Tricontane (C30)	18.117	2913435	19.129 ug/ml
18) T n-Dotriacontane (C32)	18.950	2884602	19.362 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2709447	19.233 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2520595	18.848 ug/ml
21) T n-Octatriacontane (C38)	21.225	2450515	18.546 ug/ml
22) T n-Tetracontane (C40)	22.159	2431392	19.204 ug/ml

(f)=RT Delta > 1/2 Window

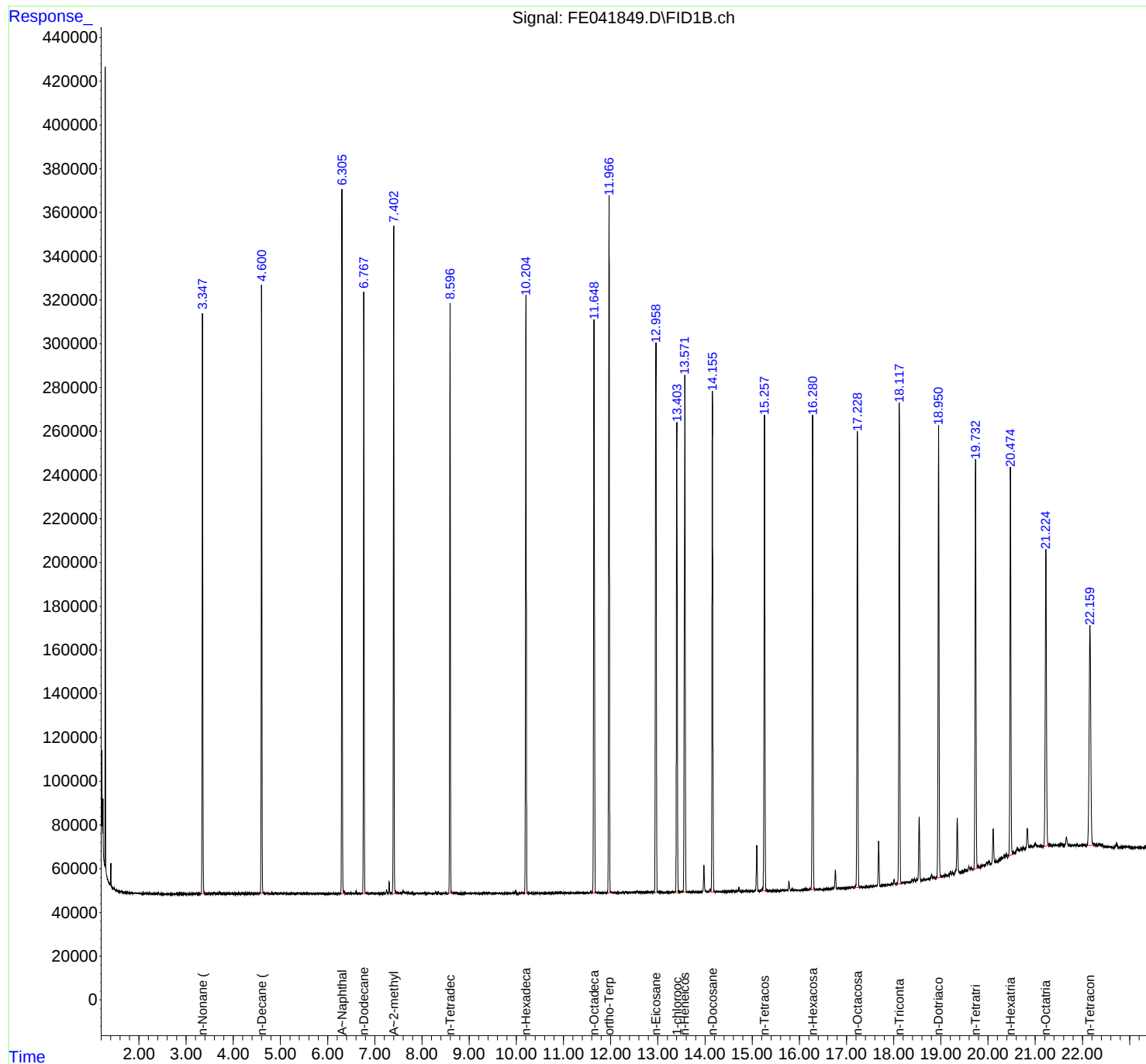
(m)=manual int.

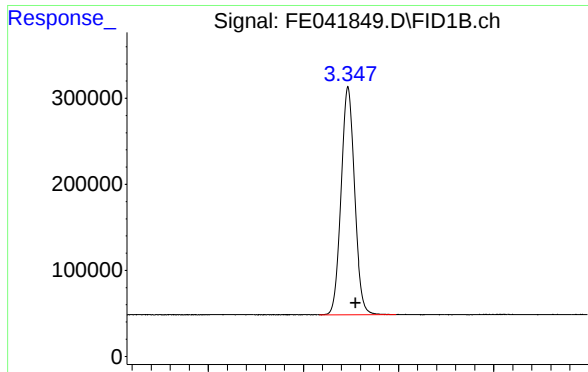
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051023AL\
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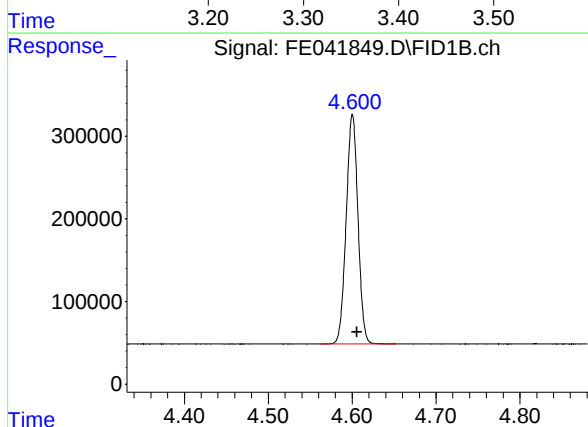




#1 n-Nonane (C9)

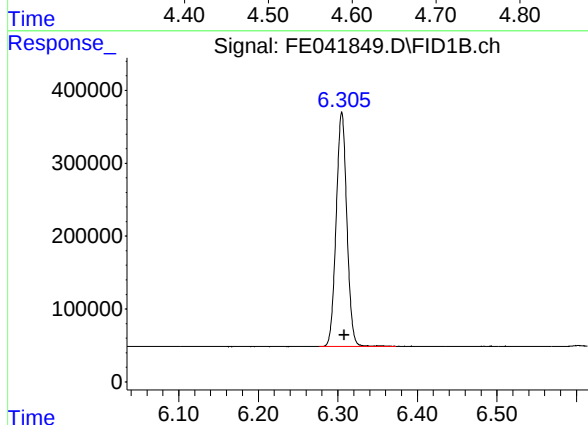
R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2602770
Conc: 17.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



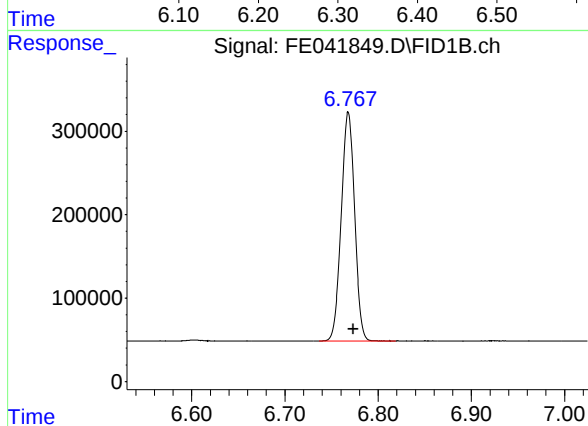
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 2719184
Conc: 18.13 ug/ml



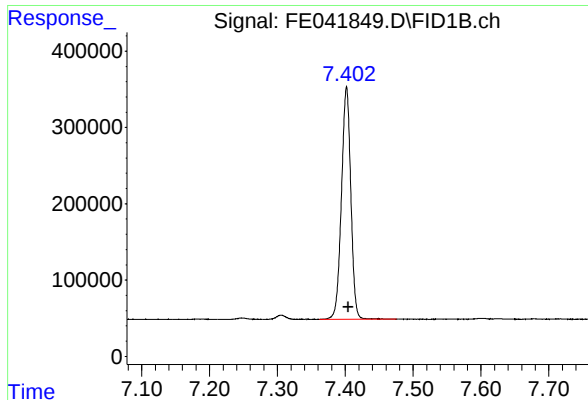
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 3006068
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

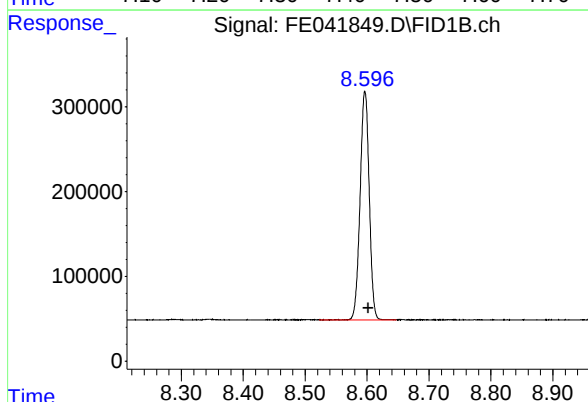
R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 2746048
Conc: 18.06 ug/ml



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

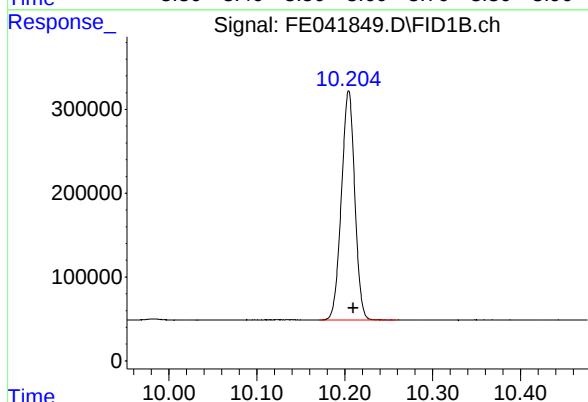
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 2922208
Conc: 18.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



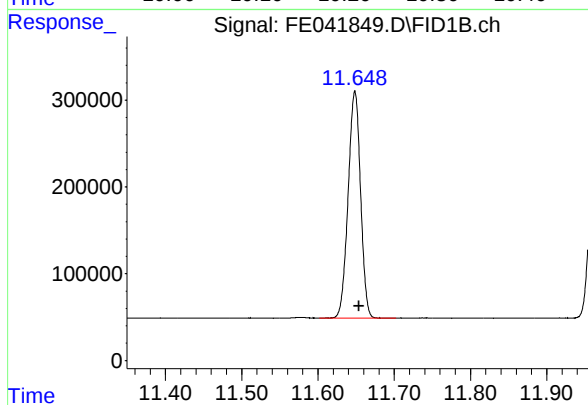
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.006 min
Response: 2756125
Conc: 18.14 ug/ml



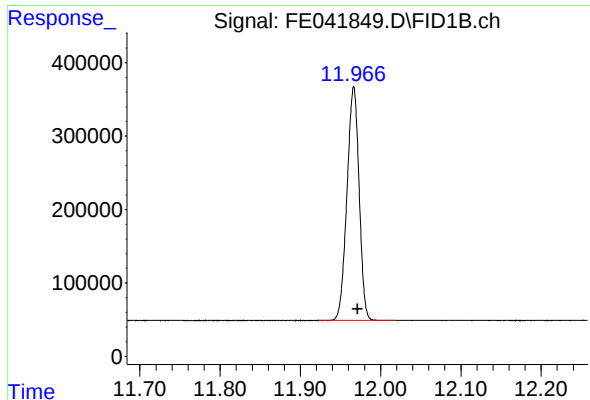
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.005 min
Response: 2889161
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

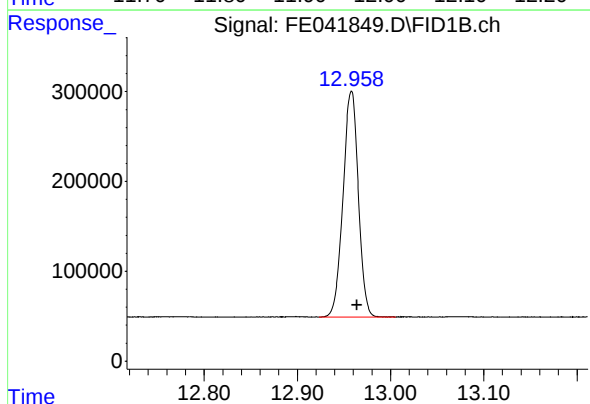
R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 2960988
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

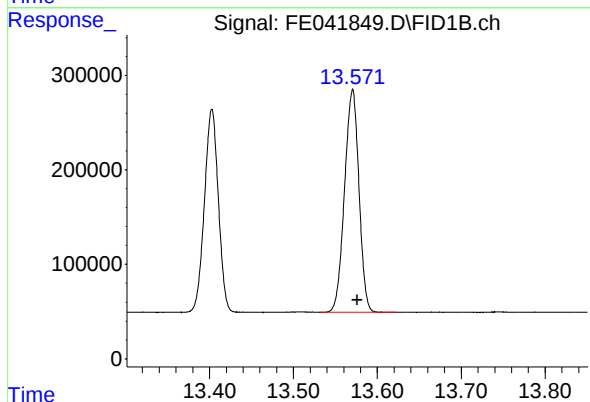
R.T.: 11.967 min
Delta R.T.: -0.005 min
Response: 3346251
Conc: 17.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



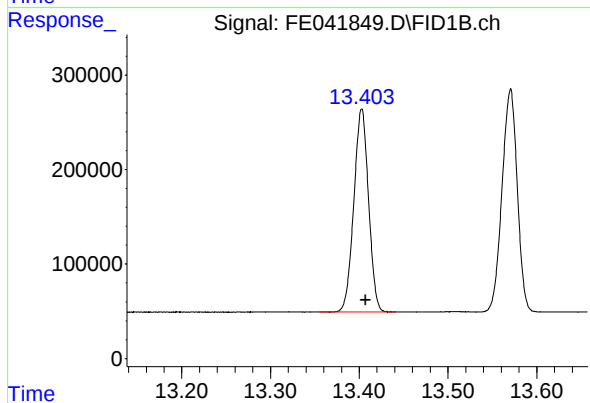
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.006 min
Response: 2864711
Conc: 17.81 ug/ml



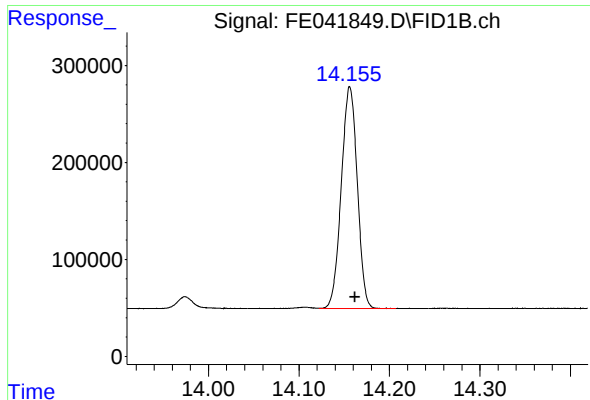
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.005 min
Response: 2818205
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

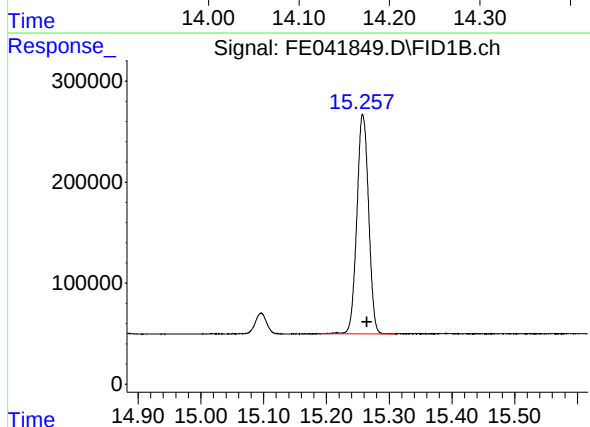
R.T.: 13.403 min
Delta R.T.: -0.005 min
Response: 2475301
Conc: 17.52 ug/ml



#13 n-Docosane (C22)

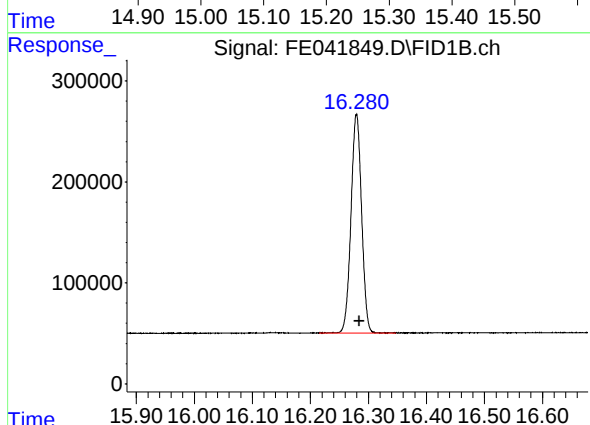
R.T.: 14.156 min
Delta R.T.: -0.006 min
Response: 2812620
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



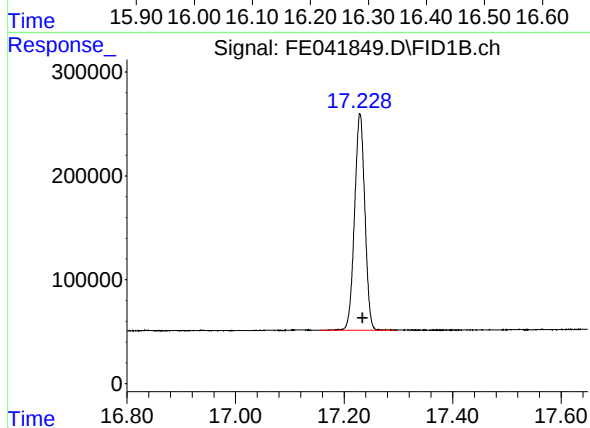
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.007 min
Response: 2819217
Conc: 17.49 ug/ml



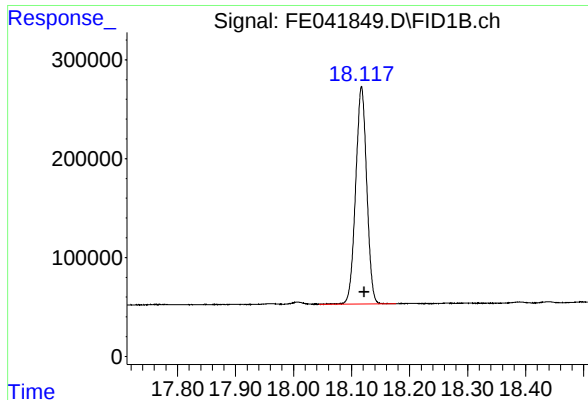
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.005 min
Response: 2750448
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

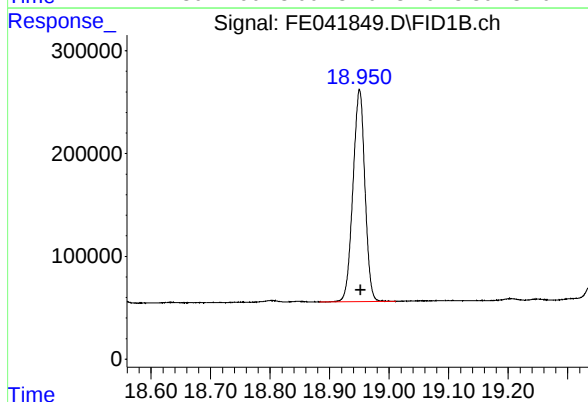
R.T.: 17.229 min
Delta R.T.: -0.005 min
Response: 2747609
Conc: 17.86 ug/ml



#17 n-Tricontane (C30)

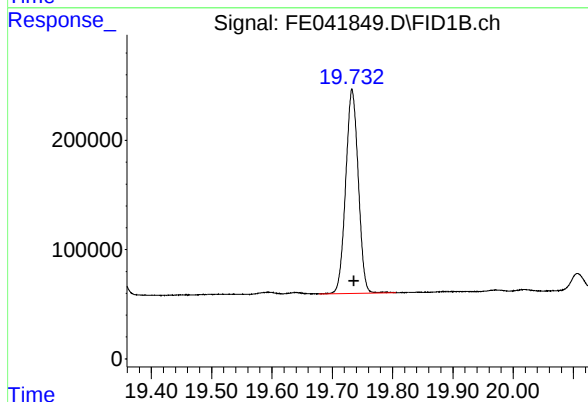
R.T.: 18.117 min
Delta R.T.: -0.004 min
Response: 2913435
Conc: 19.13 ug/ml

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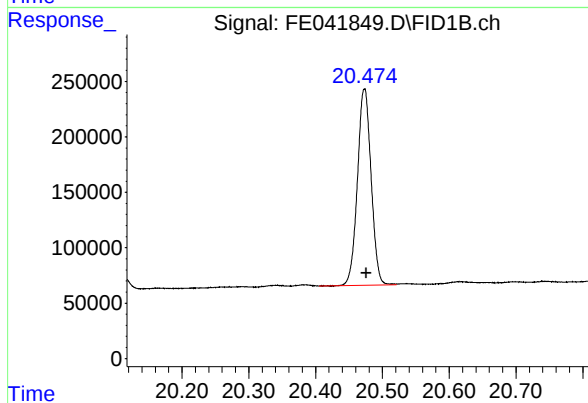
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.002 min
Response: 2884602
Conc: 19.36 ug/ml



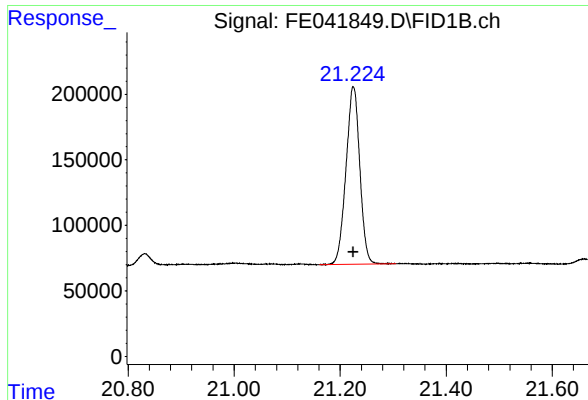
#19 n-Tetatriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 2709447
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

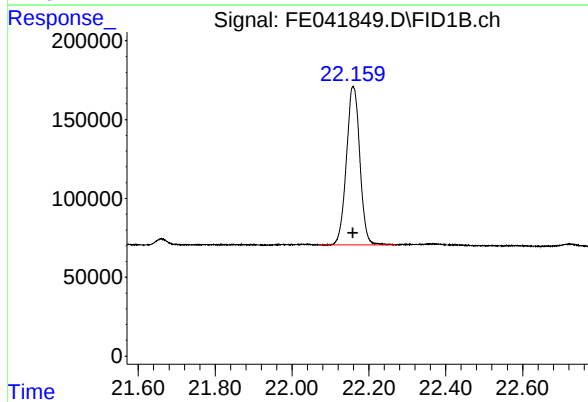
R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 2520595
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.000 min
Response: 2450515
Conc: 18.55 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.000 min
Response: 2431392
Conc: 19.20 ug/ml