

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110624AL\
 Data File : FF014927.D
 Signal(s) : FID2B.ch
 Acq On : 06 Nov 2024 11:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 06 14:11:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 2024
 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)	11.925	2881917	18.900 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	13.361	2142619	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.323	2493770	19.820 ug/ml
2) T n-Decane (C10)	4.572	2613043	20.438 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2854040	20.315 ug/ml
4) T n-Dodecane (C12)	6.733	2645310	20.516 ug/ml
5) T A~2-methylnaphthalene...	7.364	2752410	20.143 ug/ml
6) T n-Tetradecane (C14)	8.558	2648147	20.555 ug/ml
7) T n-Hexadecane (C16)	10.164	2775674	20.576 ug/ml
8) T n-Octadecane (C18)	11.606	2816491	20.244 ug/ml
10) T n-Eicosane (C20)	12.916	2676006	19.519 ug/ml
11) T n-Heneicosane (C21)	13.528	2615881	19.150 ug/ml
13) T n-Docosane (C22)	14.114	2578445	18.772 ug/ml
14) T n-Tetracosane (C24)	15.217	2528731	18.101 ug/ml
15) T n-Hexacosane (C26)	16.238	2453462	17.583 ug/ml
16) T n-Octacosane (C28)	17.188	2441008	17.680 ug/ml
17) T n-Tricontane (C30)	18.076	2610586	18.532 ug/ml
18) T n-Dotriacontane (C32)	18.908	2619214	18.882 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2421782	20.626 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2168627	21.525 ug/ml
21) T n-Octatriacontane (C38)	21.171	2027917	22.538 ug/ml
22) T n-Tetracontane (C40)	22.081	1903744	21.234 ug/ml

(f)=RT Delta > 1/2 Window

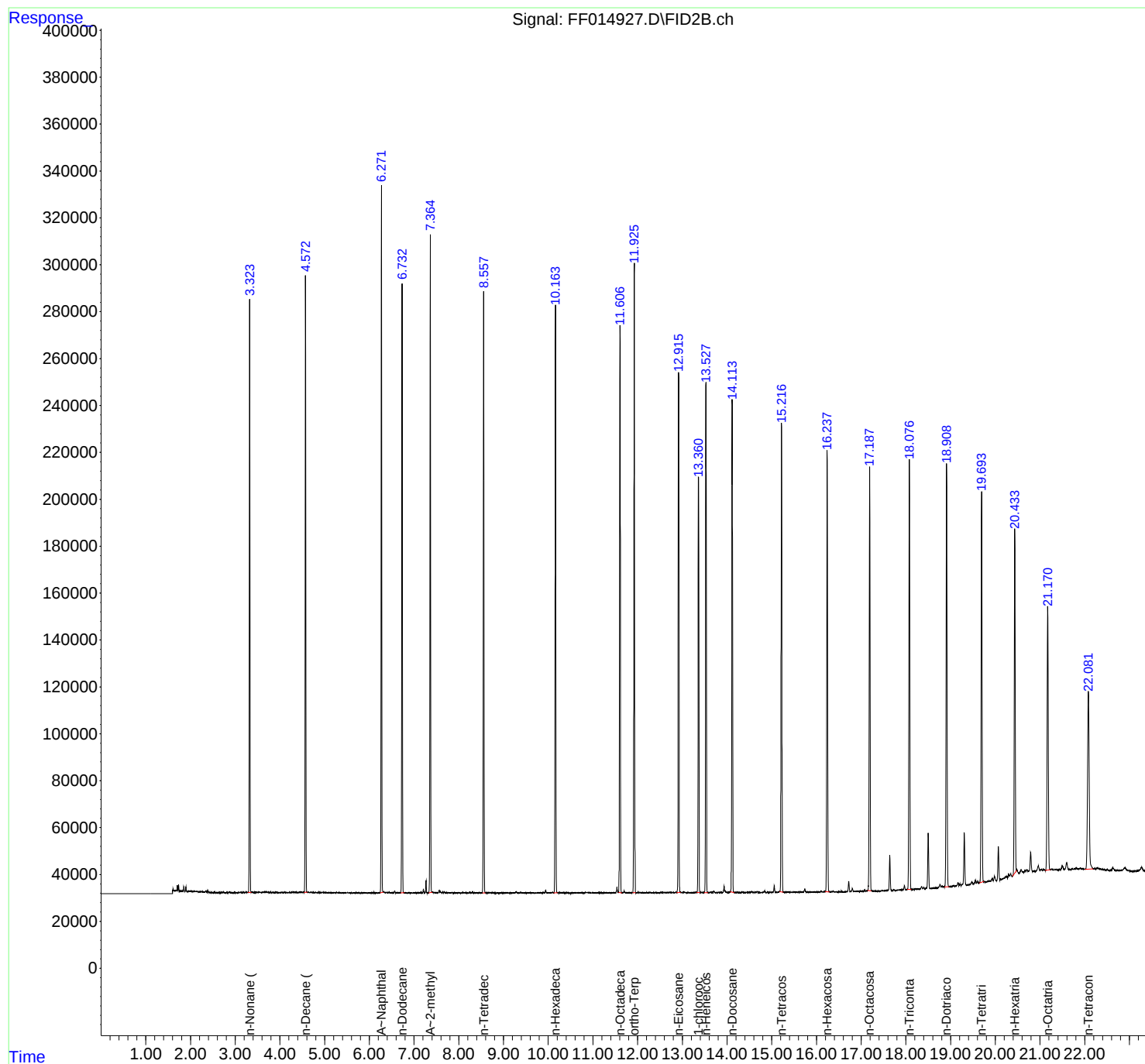
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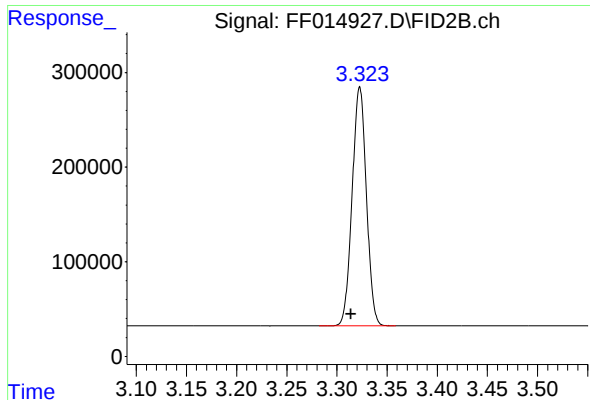
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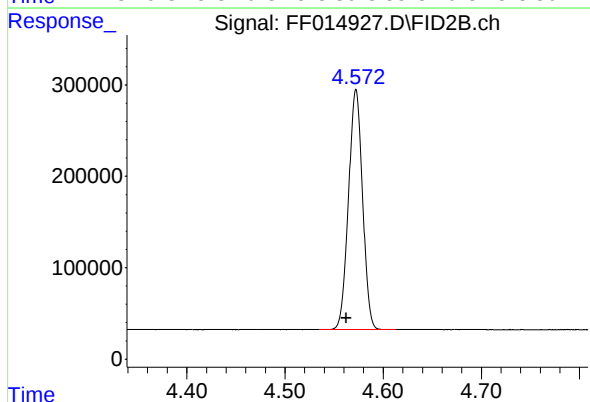




#1 n-Nonane (C9)

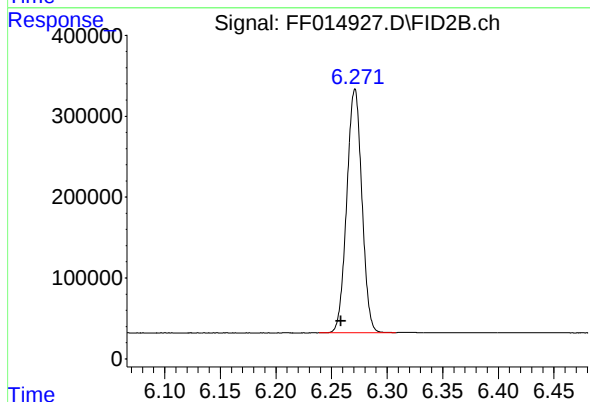
R.T.: 3.323 min
Delta R.T.: 0.009 min
Response: 2493770
Conc: 19.82 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



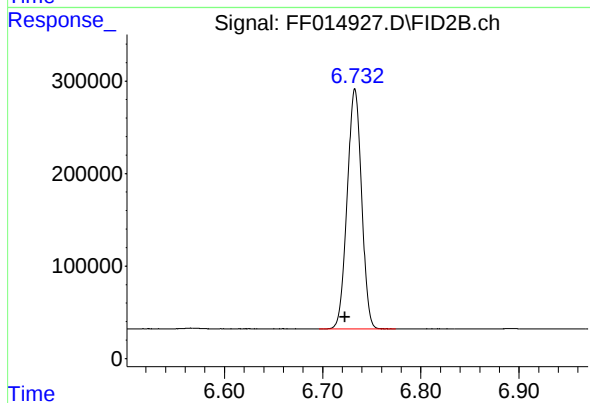
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.010 min
Response: 2613043
Conc: 20.44 ug/ml



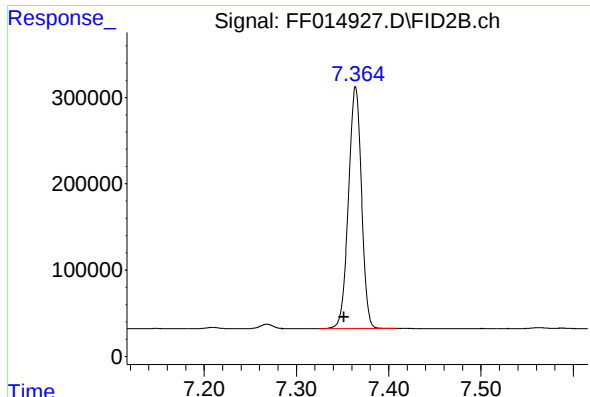
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.013 min
Response: 2854040
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

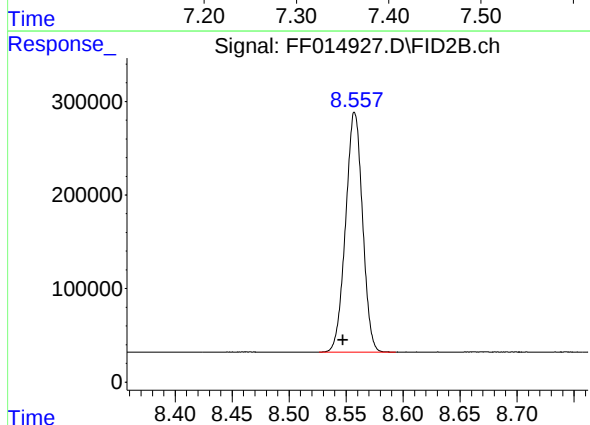
R.T.: 6.733 min
Delta R.T.: 0.010 min
Response: 2645310
Conc: 20.52 ug/ml



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

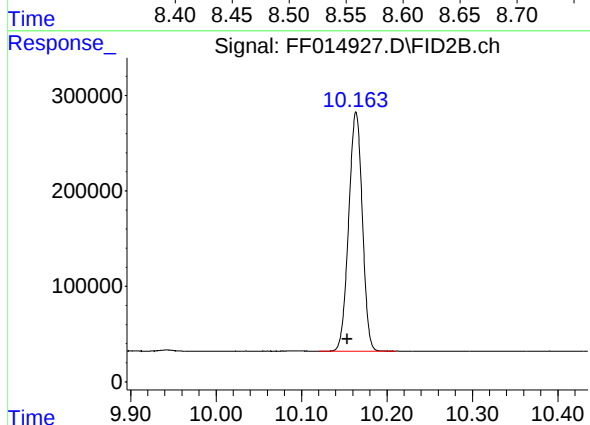
R.T.: 7.364 min
Delta R.T.: 0.012 min
Response: 2752410
Conc: 20.14 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



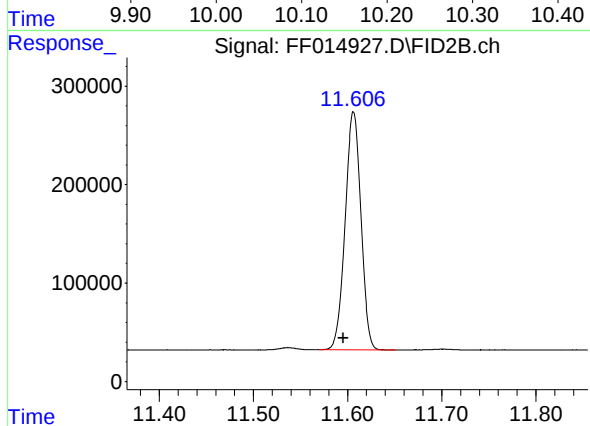
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.010 min
Response: 2648147
Conc: 20.55 ug/ml



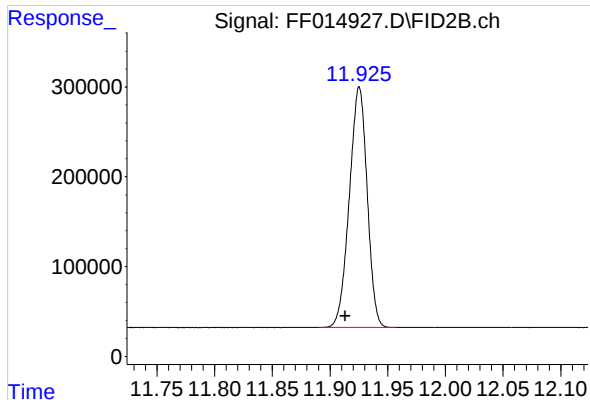
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.010 min
Response: 2775674
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

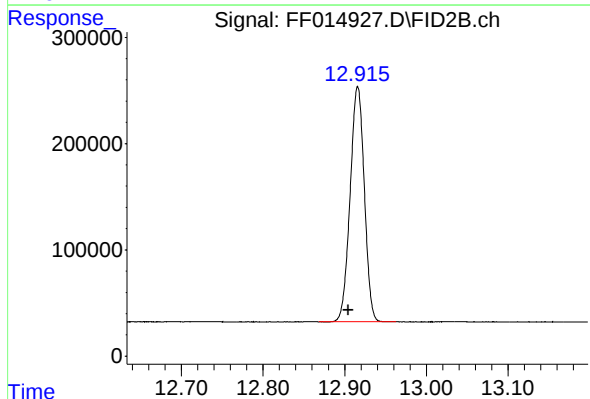
R.T.: 11.606 min
Delta R.T.: 0.011 min
Response: 2816491
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

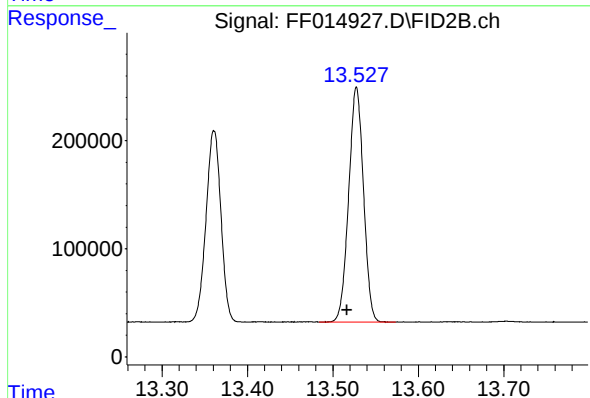
R.T.: 11.925 min
Delta R.T.: 0.012 min
Response: 2881917
Conc: 18.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



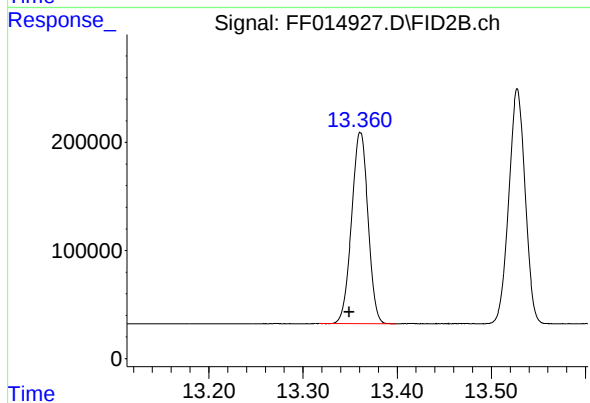
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.012 min
Response: 2676006
Conc: 19.52 ug/ml



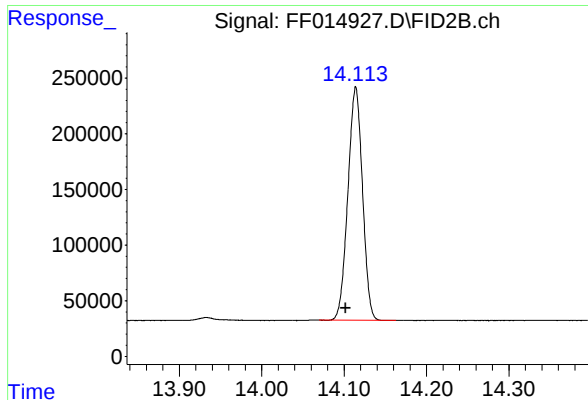
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.011 min
Response: 2615881
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

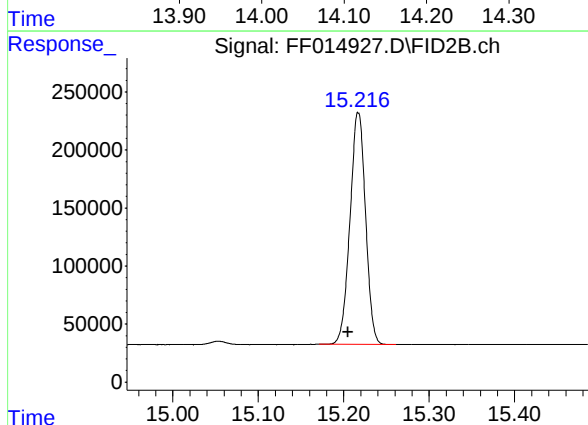
R.T.: 13.361 min
Delta R.T.: 0.012 min
Response: 2142619
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

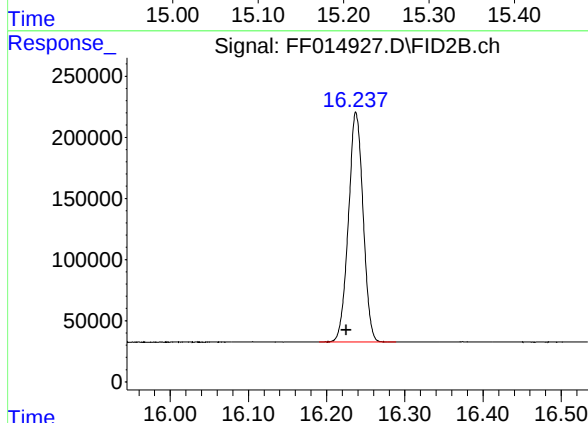
R.T.: 14.114 min
Delta R.T.: 0.012 min
Response: 2578445
Conc: 18.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



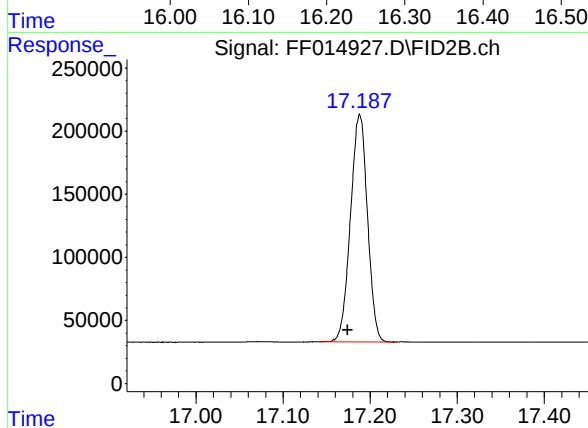
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.012 min
Response: 2528731
Conc: 18.10 ug/ml



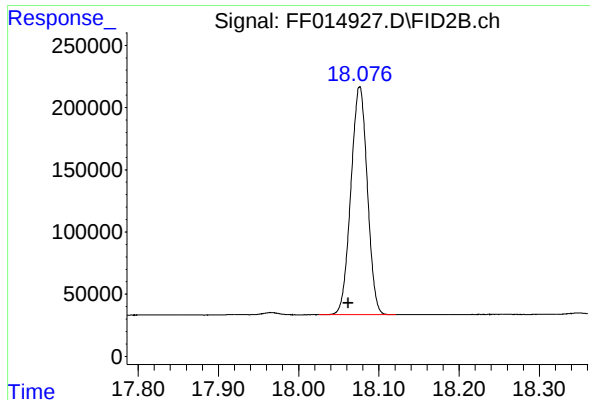
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.012 min
Response: 2453462
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

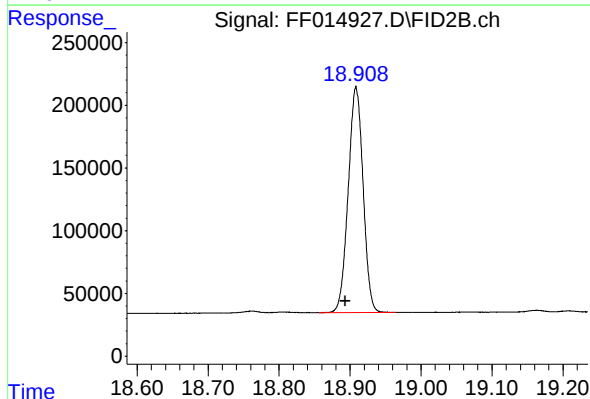
R.T.: 17.188 min
Delta R.T.: 0.014 min
Response: 2441008
Conc: 17.68 ug/ml



#17 n-Tricontane (C30)

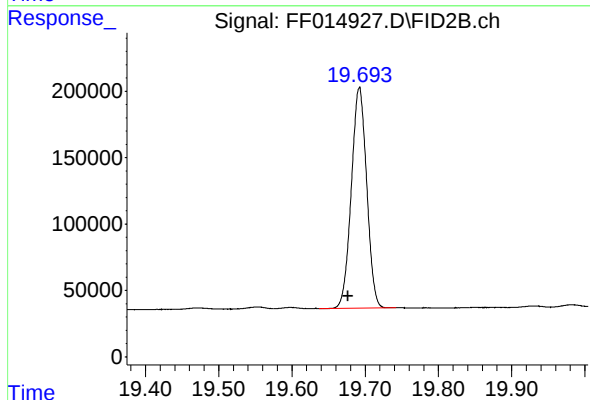
R.T.: 18.076 min
Delta R.T.: 0.015 min
Response: 2610586
Conc: 18.53 ug/ml

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20 PPM ALIPHATIC HC STD



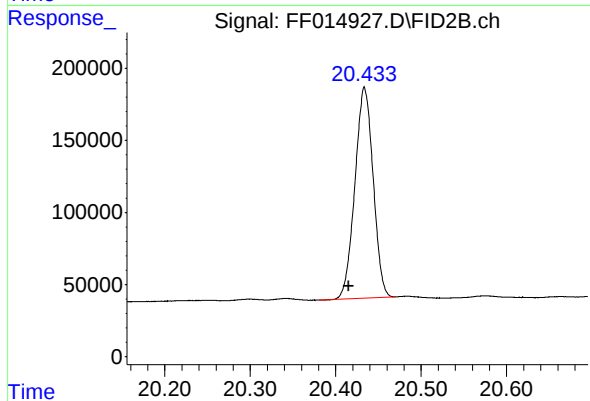
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.015 min
Response: 2619214
Conc: 18.88 ug/ml



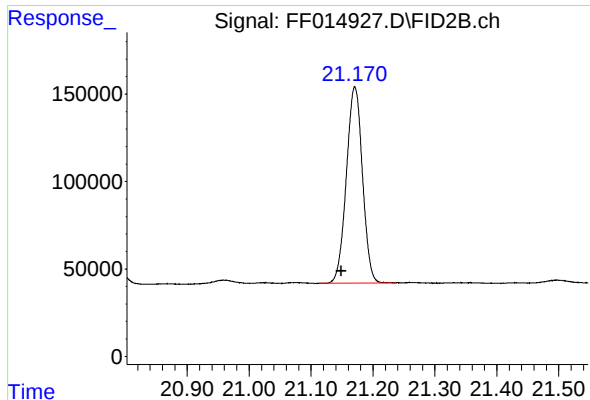
#19 n-Tetatriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.016 min
Response: 2421782
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

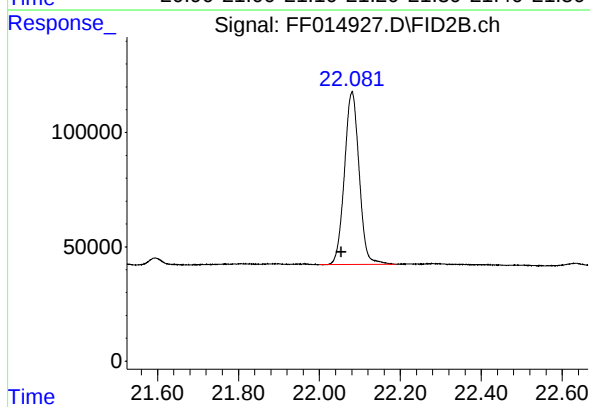
R.T.: 20.434 min
Delta R.T.: 0.018 min
Response: 2168627
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.022 min
Response: 2027917
Conc: 22.54 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.027 min
Response: 1903744
Conc: 21.23 ug/ml