

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048148.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2024 00:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 03 01:36:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 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)	11.291	3785581	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
12) S 1-chlorooctadecane (S...	12.731	2873709	18.821 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.146	3339112	18.533 ug/ml
2) T n-Decane (C10)	4.193	3452121	18.630 ug/ml
3) T A~Naphthalene (C11.7)	5.742	3755648	18.767 ug/ml
4) T n-Dodecane (C12)	6.187	3504419	18.695 ug/ml
5) T A~2-methylnaphthalene...	6.788	3609082	18.896 ug/ml
6) T n-Tetradecane (C14)	7.969	3493623	18.755 ug/ml
7) T n-Hexadecane (C16)	9.560	3584937	18.877 ug/ml
8) T n-Octadecane (C18)	10.993	3622005	18.874 ug/ml
10) T n-Eicosane (C20)	12.294	3462787	18.839 ug/ml
11) T n-Heneicosane (C21)	12.903	3394672	18.794 ug/ml
13) T n-Docosane (C22)	13.486	3377855	18.918 ug/ml
14) T n-Tetracosane (C24)	14.583	3311509	18.762 ug/ml
15) T n-Hexacosane (C26)	15.599	3203896	18.777 ug/ml
16) T n-Octacosane (C28)	16.543	3126565	18.966 ug/ml
17) T n-Tricontane (C30)	17.425	3199462	19.369 ug/ml
18) T n-Dotriacontane (C32)	18.253	3140857	19.811 ug/ml
19) T n-Tetratriacontane (C34)	19.034	2961665	19.654 ug/ml
20) T n-Hexatriacontane (C36)	19.767	2761480	19.445 ug/ml
21) T n-Octatriacontane (C38)	20.467	2646509	19.125 ug/ml
22) T n-Tetracontane (C40)	21.255	2525981	19.056 ug/ml

(f)=RT Delta > 1/2 Window

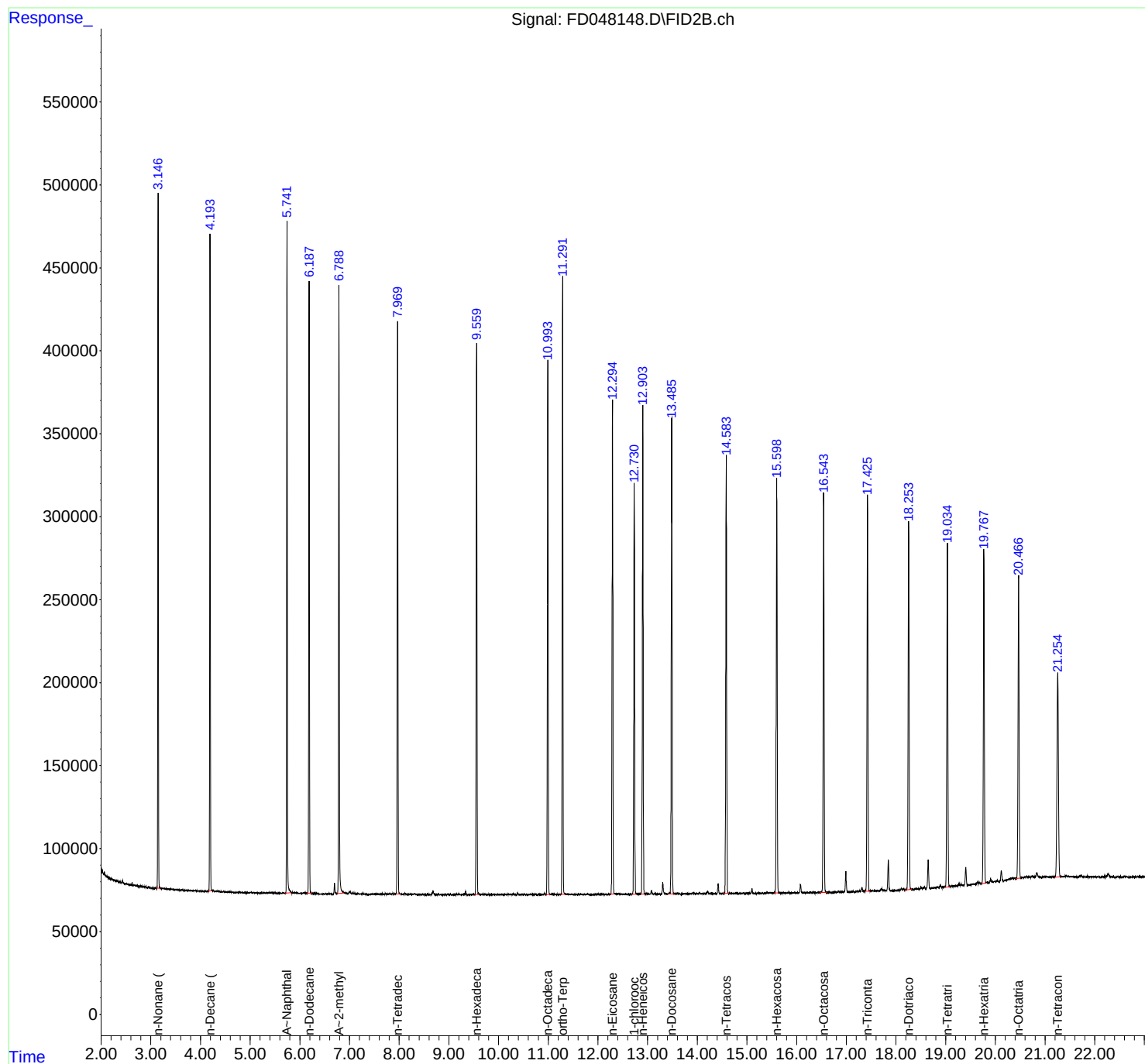
(m)=manual int.

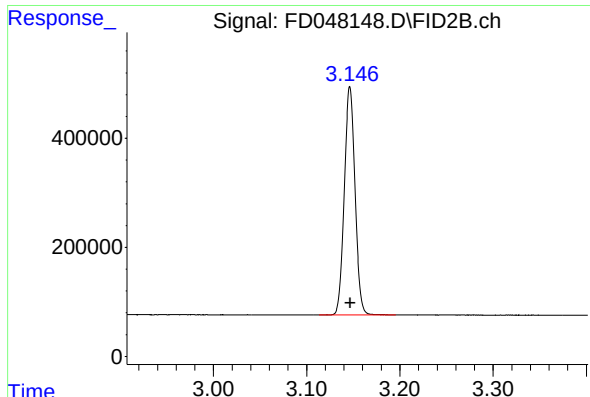
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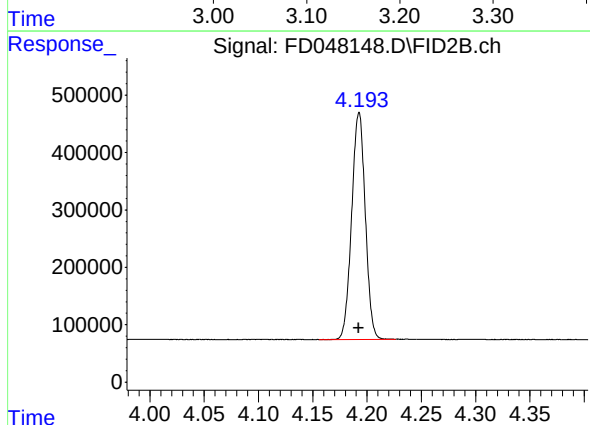




#1 n-Nonane (C9)

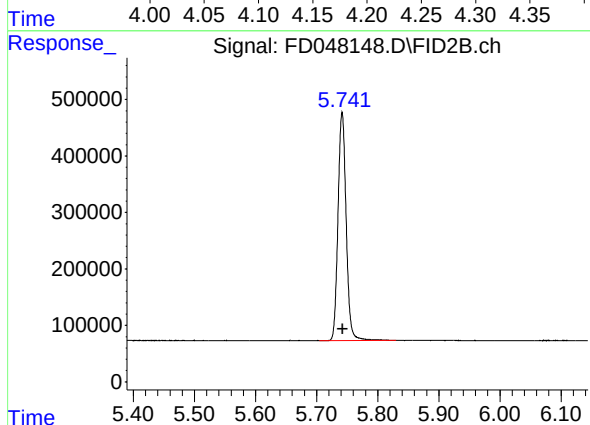
R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 3339112
Conc: 18.53 ug/ml

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20 PPM ALIPHATIC HC STD



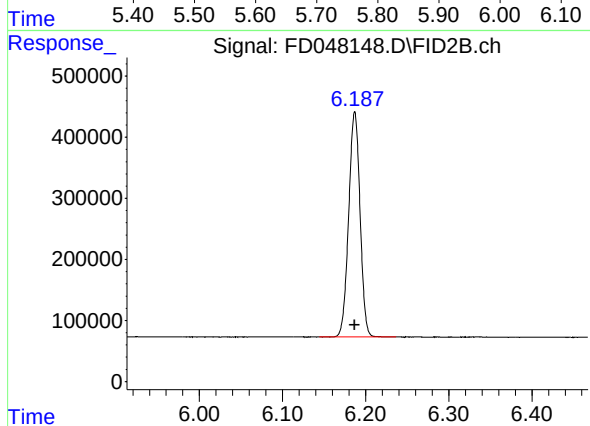
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 3452121
Conc: 18.63 ug/ml



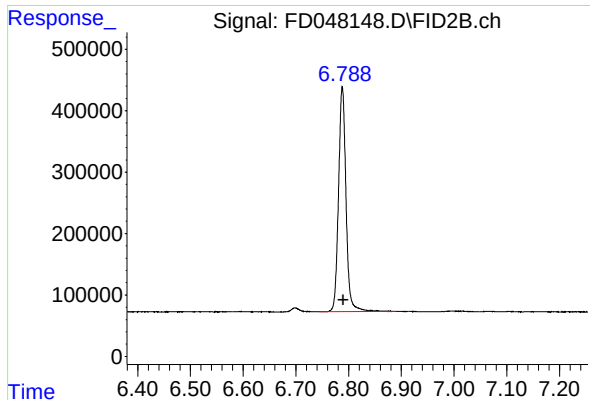
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 3755648
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

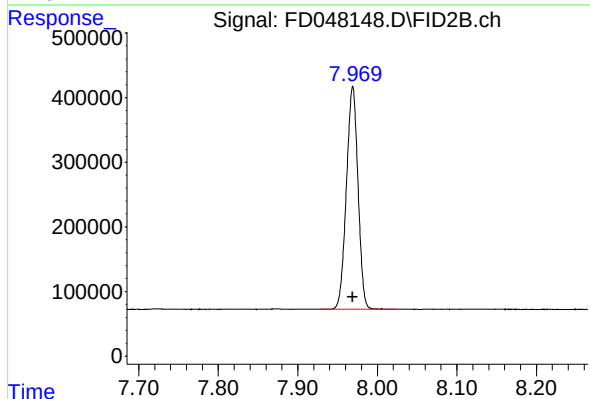
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 3504419
Conc: 18.70 ug/ml



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

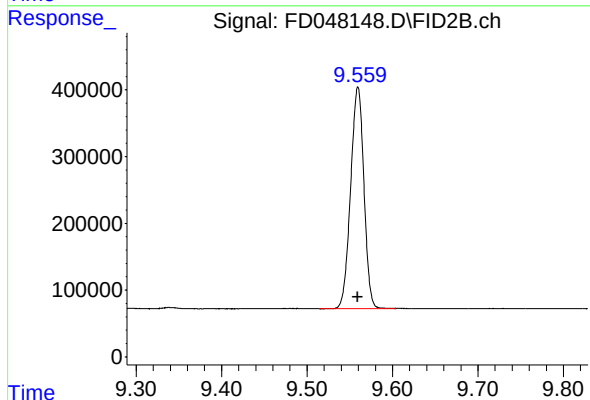
R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 3609082
Conc: 18.90 ug/ml

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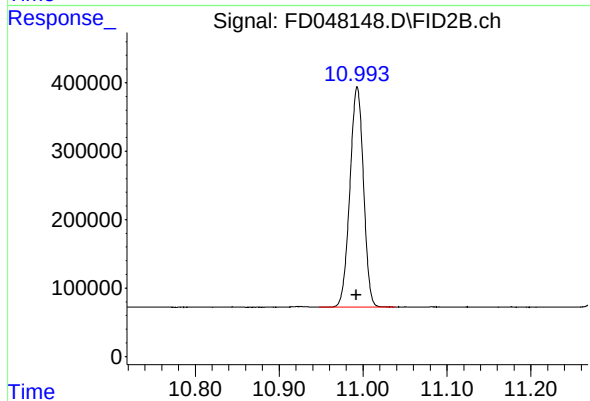
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 3493623
Conc: 18.75 ug/ml



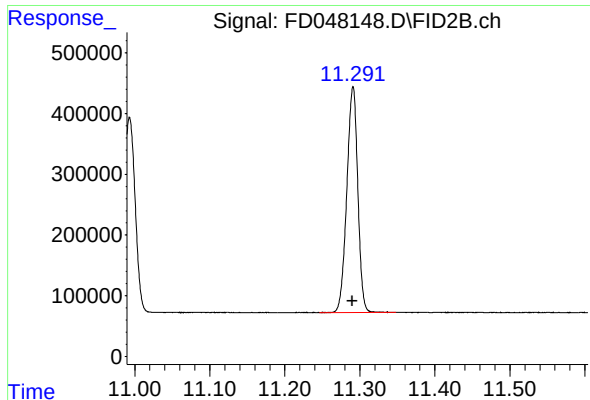
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: 0.000 min
Response: 3584937
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

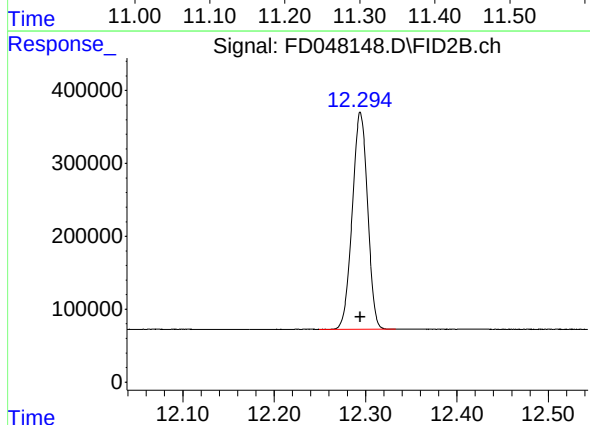
R.T.: 10.993 min
Delta R.T.: 0.001 min
Response: 3622005
Conc: 18.87 ug/ml



#9 ortho-Terphenyl (SURR)

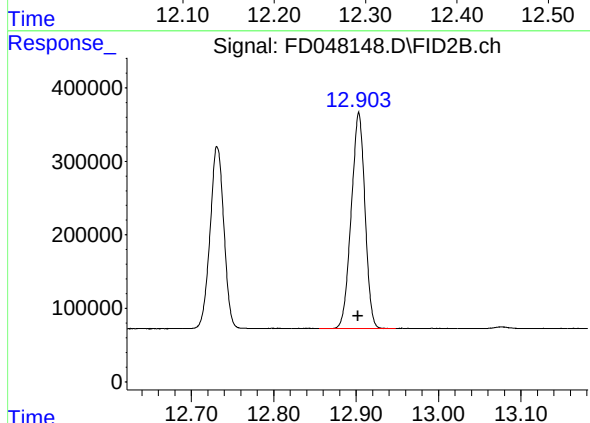
R.T.: 11.291 min
Delta R.T.: 0.000 min
Response: 3785581
Conc: 18.84 ug/ml

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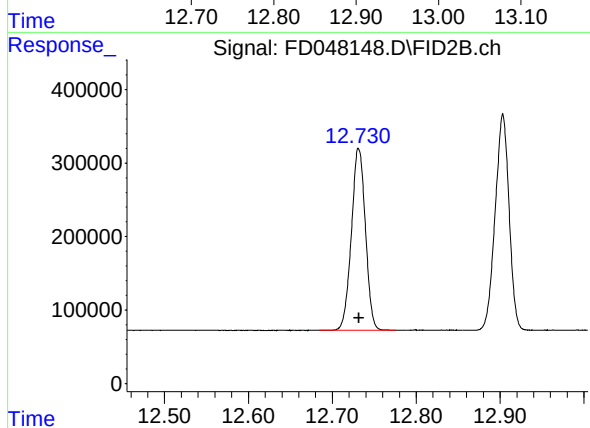
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 3462787
Conc: 18.84 ug/ml



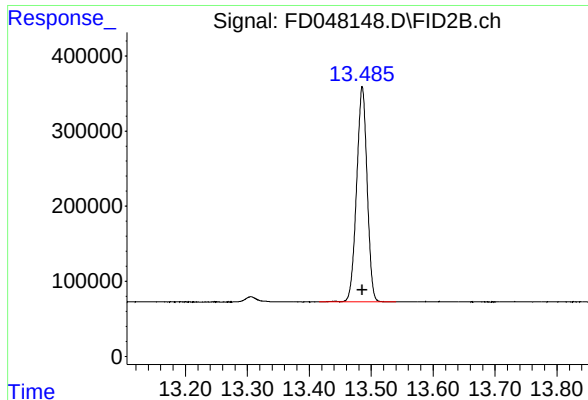
#11 n-Heneicosane (C21)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 3394672
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

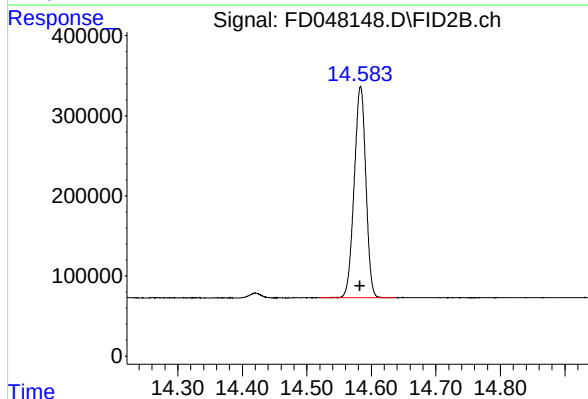
R.T.: 12.731 min
Delta R.T.: 0.000 min
Response: 2873709
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

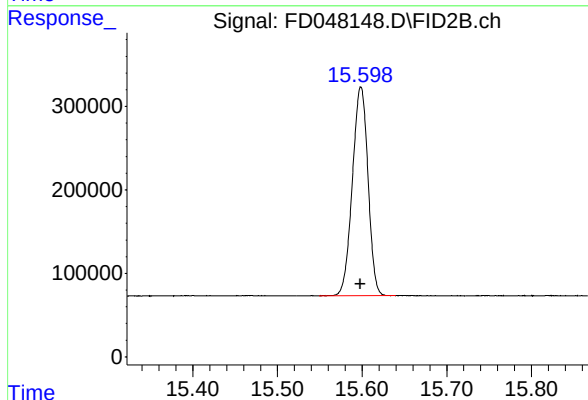
R.T.: 13.486 min
Delta R.T.: 0.000 min
Response: 3377855
Conc: 18.92 ug/ml

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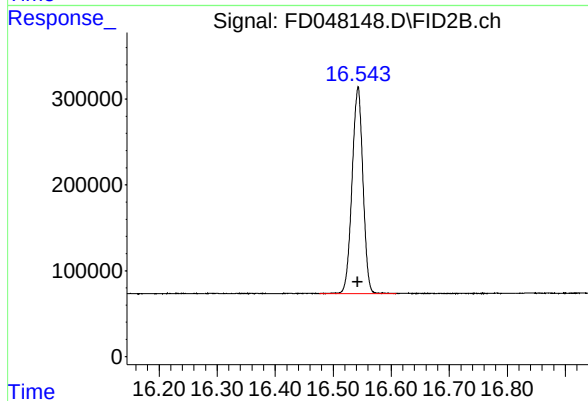
#14 n-Tetracosane (C24)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 3311509
Conc: 18.76 ug/ml



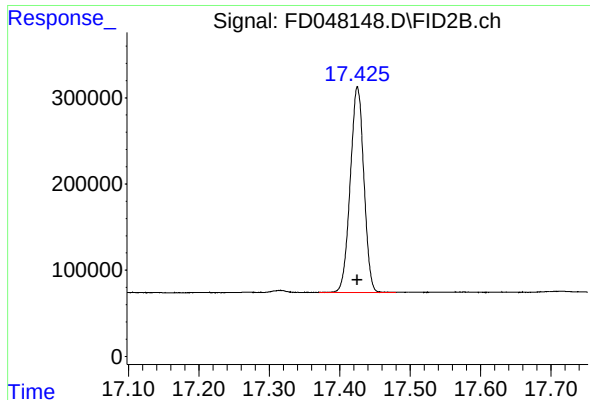
#15 n-Hexacosane (C26)

R.T.: 15.599 min
Delta R.T.: 0.000 min
Response: 3203896
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

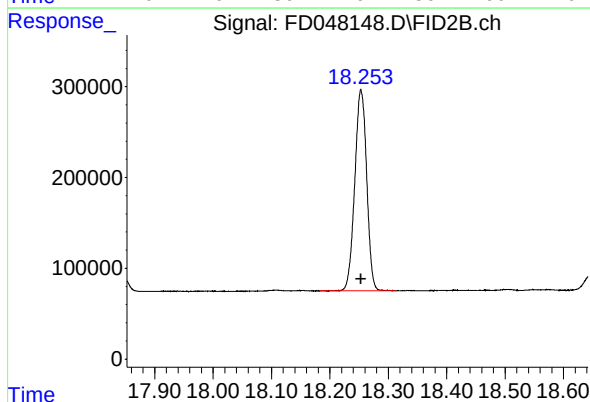
R.T.: 16.543 min
Delta R.T.: 0.000 min
Response: 3126565
Conc: 18.97 ug/ml



#17 n-Tricontane (C30)

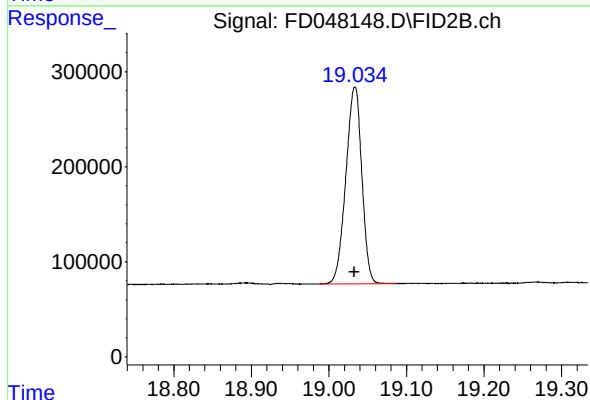
R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 3199462
Conc: 19.37 ug/ml

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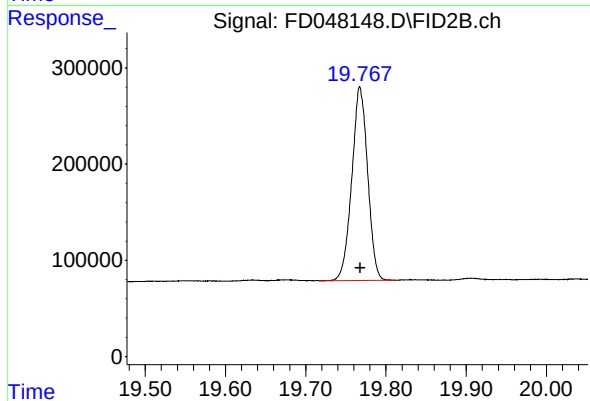
#18 n-Dotriacontane (C32)

R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 3140857
Conc: 19.81 ug/ml



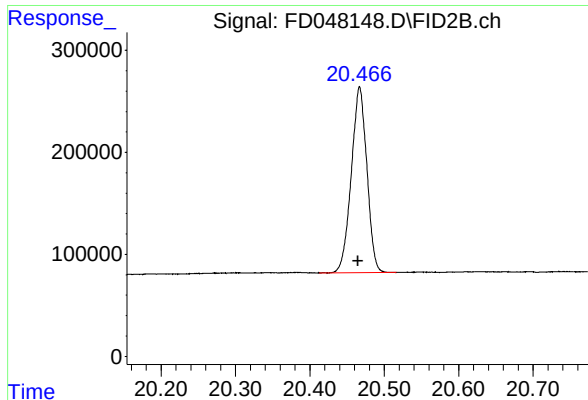
#19 n-Tetatriacontane (C34)

R.T.: 19.034 min
Delta R.T.: 0.000 min
Response: 2961665
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

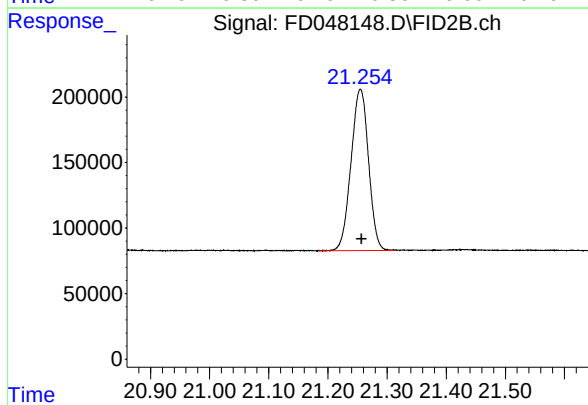
R.T.: 19.767 min
Delta R.T.: 0.000 min
Response: 2761480
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.467 min
Delta R.T.: 0.002 min
Response: 2646509
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.002 min
Response: 2525981
Conc: 19.06 ug/ml