

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082323AL\
 Data File : FF013302.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 09:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 24 09:51:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.888	2610107	18.997 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
12) S 1-chlorooctadecane (S...	13.326	2004562	19.129 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T n-Nonane (C9)	3.279	2023498	18.938 ug/ml
2) T n-Decane (C10)	4.533	2022624	18.874 ug/ml
3) T A~Naphthalene (C11.7)	6.231	2234406	18.874 ug/ml
4) T n-Dodecane (C12)	6.697	2044118	18.891 ug/ml
5) T A~2-methylnaphthalene...	7.325	2238055	18.881 ug/ml
6) T n-Tetradecane (C14)	8.522	2037693	18.877 ug/ml
7) T n-Hexadecane (C16)	10.129	2053071	18.940 ug/ml
8) T n-Octadecane (C18)	11.573	2080881	19.004 ug/ml
10) T n-Eicosane (C20)	12.882	2099587	19.134 ug/ml
11) T n-Heneicosane (C21)	13.494	2097131	19.088 ug/ml
13) T n-Docosane (C22)	14.080	2122818	19.336 ug/ml
14) T n-Tetracosane (C24)	15.183	2195631	19.984 ug/ml
15) T n-Hexacosane (C26)	16.203	2207628	20.199 ug/ml
16) T n-Octacosane (C28)	17.151	2227914	20.634 ug/ml
17) T n-Tricontane (C30)	18.039	2294181	20.978 ug/ml
18) T n-Dotriacontane (C32)	18.870	2298506	20.348 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2121888	19.976 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2054388	19.491 ug/ml
21) T n-Octatriacontane (C38)	21.121	1981977	19.624 ug/mlm
22) T n-Tetracontane (C40)	22.016	1966275	19.783 ug/ml

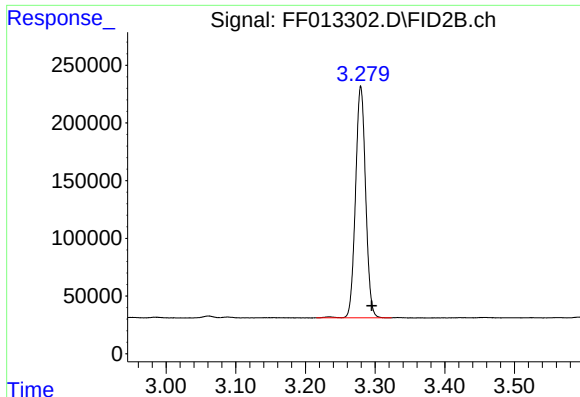
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

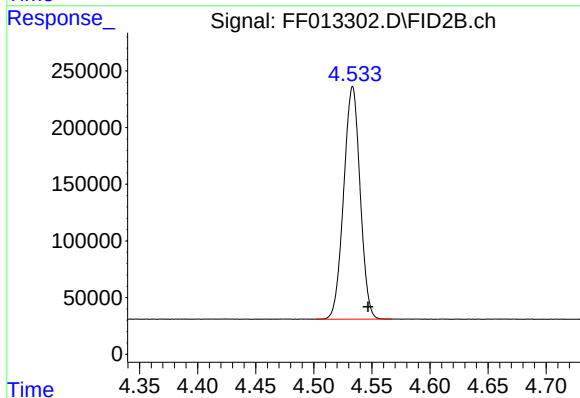




#1 n-Nonane (C9)

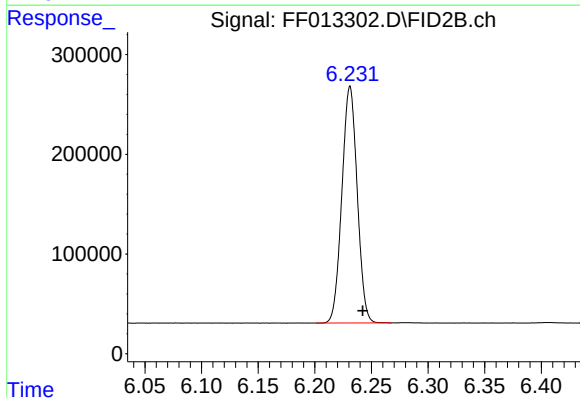
R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 2023498
Conc: 18.94 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



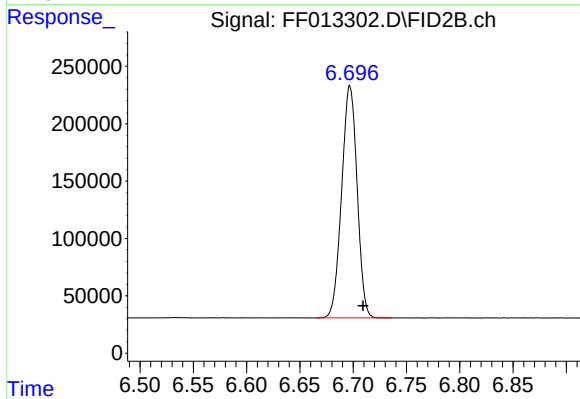
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.013 min
Response: 2022624
Conc: 18.87 ug/ml



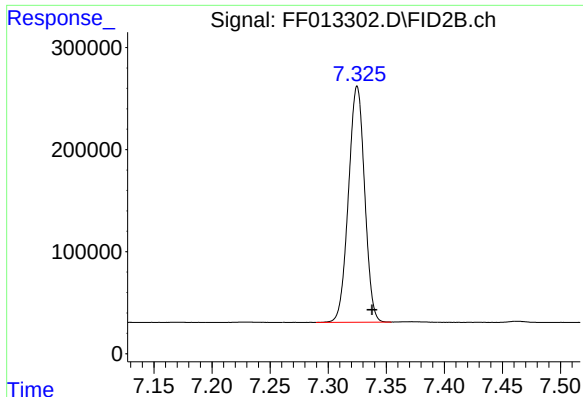
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.011 min
Response: 2234406
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

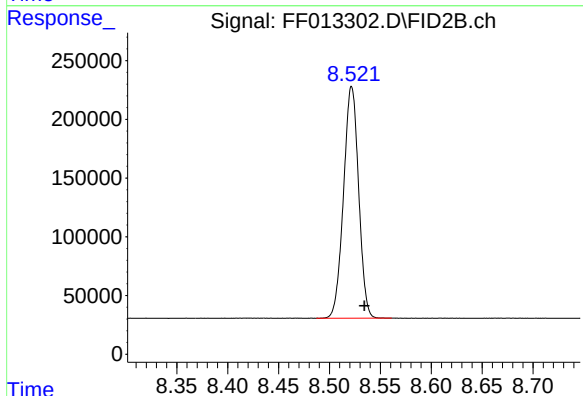
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 2044118
Conc: 18.89 ug/ml



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

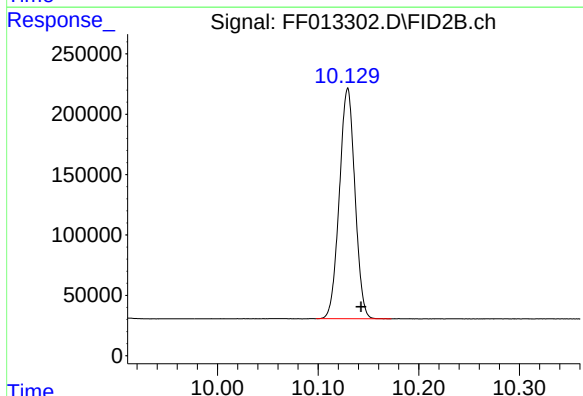
R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2238055
Conc: 18.88 ug/ml

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20 PPM ALIPHATIC HC STD



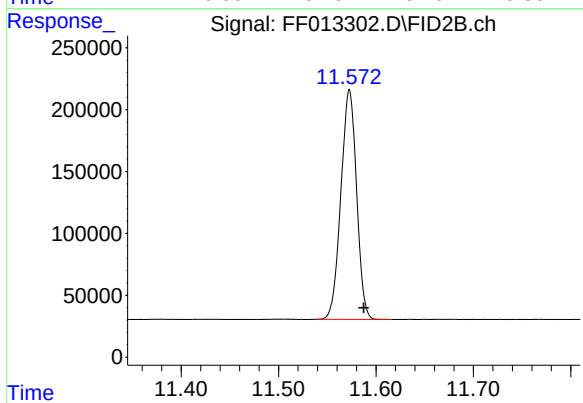
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.012 min
Response: 2037693
Conc: 18.88 ug/ml



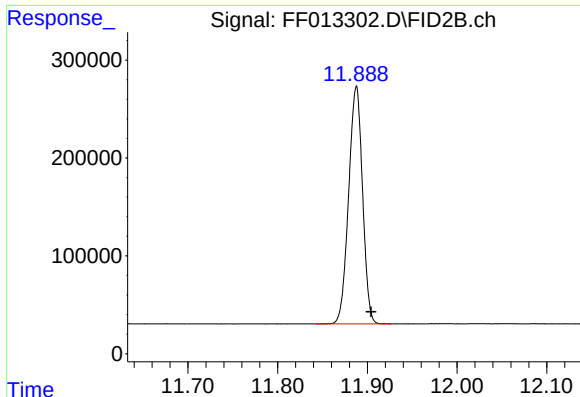
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.013 min
Response: 2053071
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

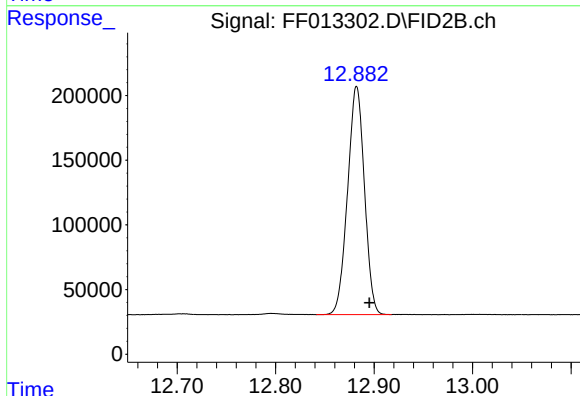
R.T.: 11.573 min
Delta R.T.: -0.015 min
Response: 2080881
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

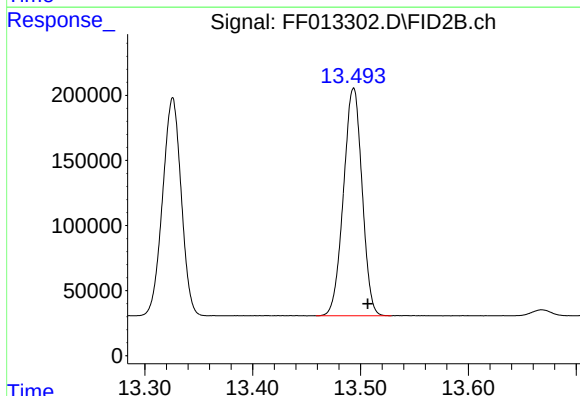
R.T.: 11.888 min
Delta R.T.: -0.016 min
Response: 2610107
Conc: 19.00 ug/ml

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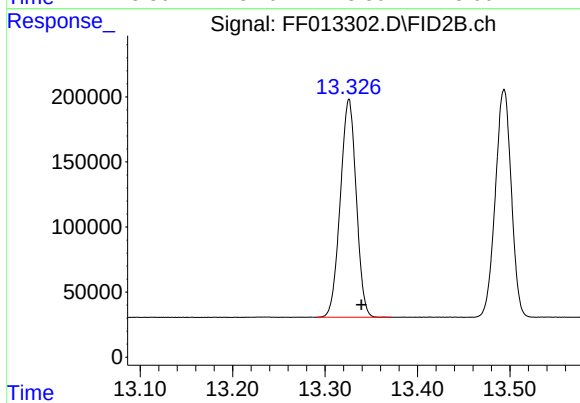
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 2099587
Conc: 19.13 ug/ml



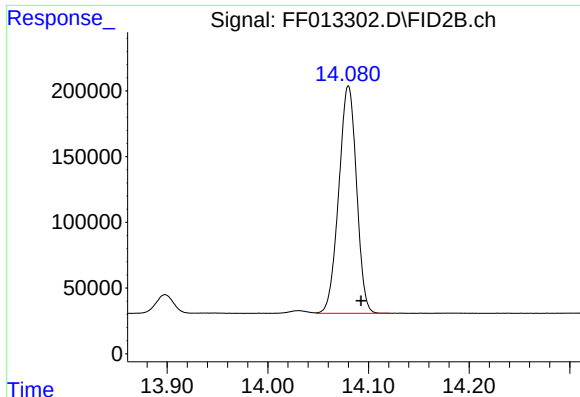
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.013 min
Response: 2097131
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

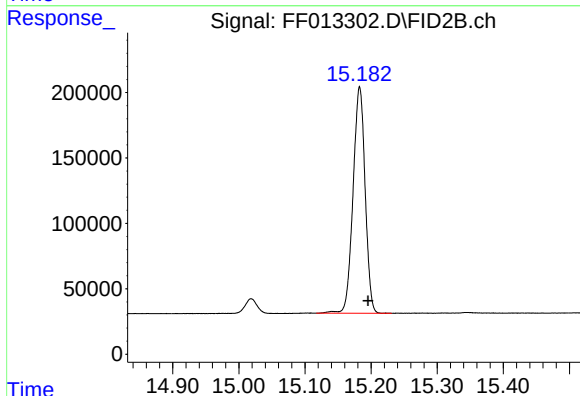
R.T.: 13.326 min
Delta R.T.: -0.013 min
Response: 2004562
Conc: 19.13 ug/ml



#13 n-Docosane (C22)

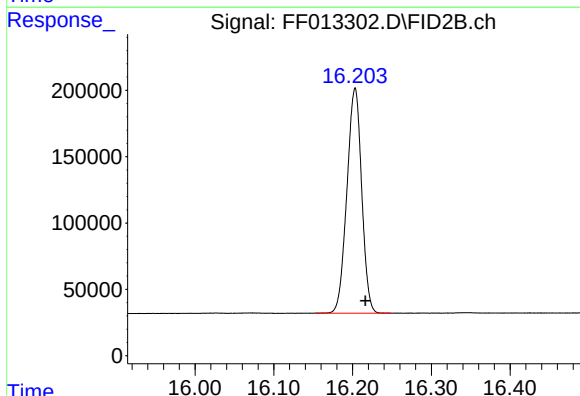
R.T.: 14.080 min
Delta R.T.: -0.012 min
Response: 2122818
Conc: 19.34 ug/ml

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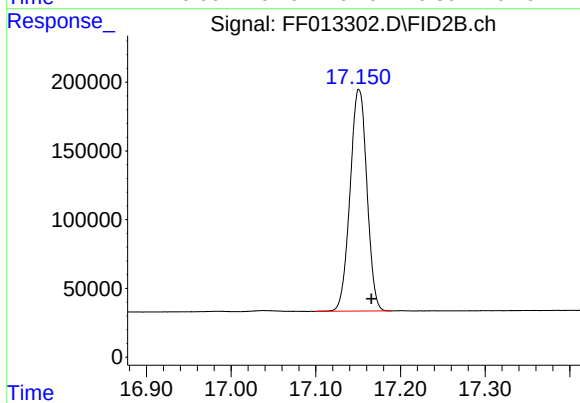
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.013 min
Response: 2195631
Conc: 19.98 ug/ml



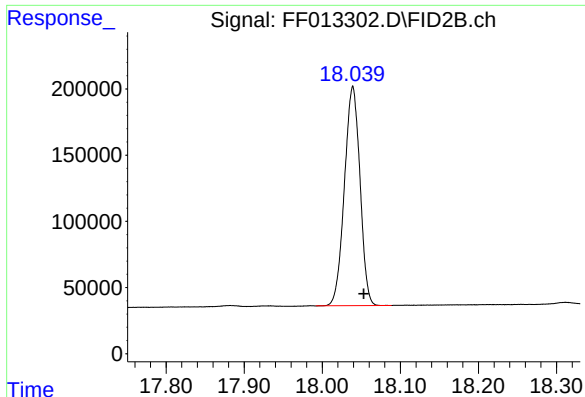
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.013 min
Response: 2207628
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

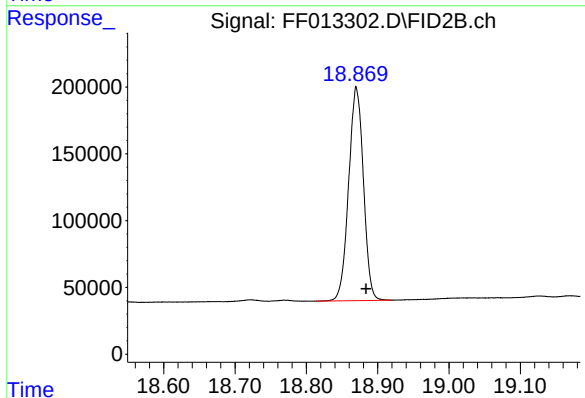
R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 2227914
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

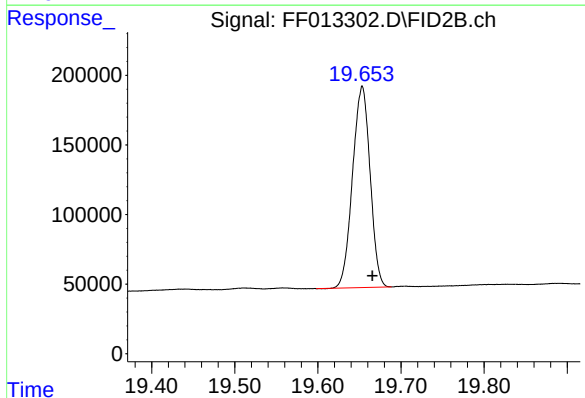
R.T.: 18.039 min
Delta R.T.: -0.014 min
Response: 2294181
Conc: 20.98 ug/ml

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20 PPM ALIPHATIC HC STD



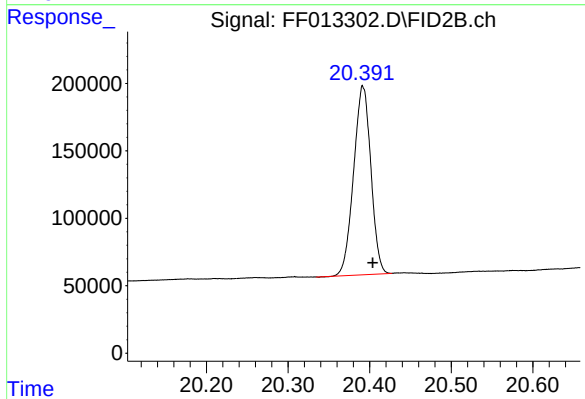
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.014 min
Response: 2298506
Conc: 20.35 ug/ml



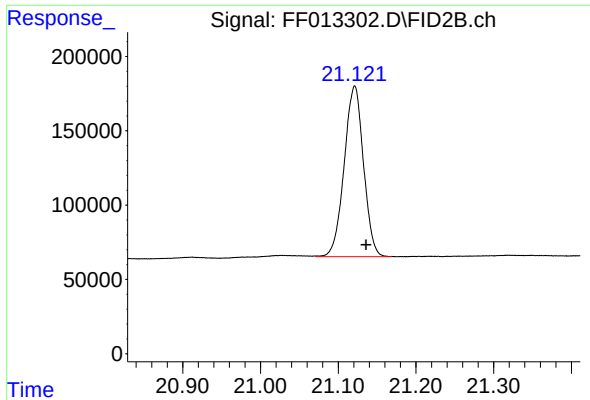
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.012 min
Response: 2121888
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

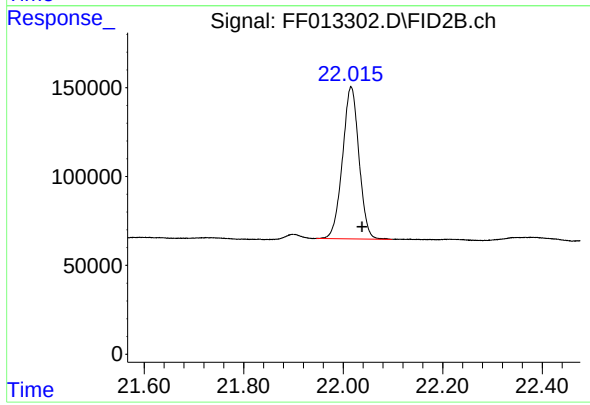
R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 2054388
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.015 min
Response: 1981977
Conc: 19.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.022 min
Response: 1966275
Conc: 19.78 ug/ml