

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052323AL\
 Data File : FF012721.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 20:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2023
 Supervised By :Ankita Jodhani 05/24/2023

Integration File: autoint1.e
 Quant Time: May 24 00:25:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.902	2992270	18.681 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	12.334	2216551	18.755 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	2.765	2431576	18.581 ug/mlm
2) T n-Decane (C10)	3.773	2487442	18.619 ug/ml
3) T A~Naphthalene (C11.7)	5.339	2528411	17.945 ug/ml
4) T n-Dodecane (C12)	5.758	2516134	18.589 ug/ml
5) T A~2-methylnaphthalene...	6.387	2363815	17.811 ug/ml
6) T n-Tetradecane (C14)	7.547	2473522	18.487 ug/ml
7) T n-Hexadecane (C16)	9.144	2577302	18.617 ug/ml
8) T n-Octadecane (C18)	10.582	2672344	18.773 ug/ml
10) T n-Eicosane (C20)	11.888	2595592	18.874 ug/ml
11) T n-Heneicosane (C21)	12.500	2548475	18.844 ug/ml
13) T n-Docosane (C22)	13.084	2515336	18.790 ug/ml
14) T n-Tetracosane (C24)	14.185	2502830	19.035 ug/ml
15) T n-Hexacosane (C26)	15.203	2447446	19.249 ug/ml
16) T n-Octacosane (C28)	16.152	2403716	19.551 ug/ml
17) T n-Tricontane (C30)	17.037	2565212	20.778 ug/ml
18) T n-Dotriacontane (C32)	17.869	2565827	21.206 ug/ml
19) T n-Tetratriacontane (C34)	18.651	2414073	20.634 ug/ml
20) T n-Hexatriacontane (C36)	19.389	2253210	19.999 ug/ml
21) T n-Octatriacontane (C38)	20.116	2166173	19.448 ug/mlm
22) T n-Tetracontane (C40)	21.008	2073599	18.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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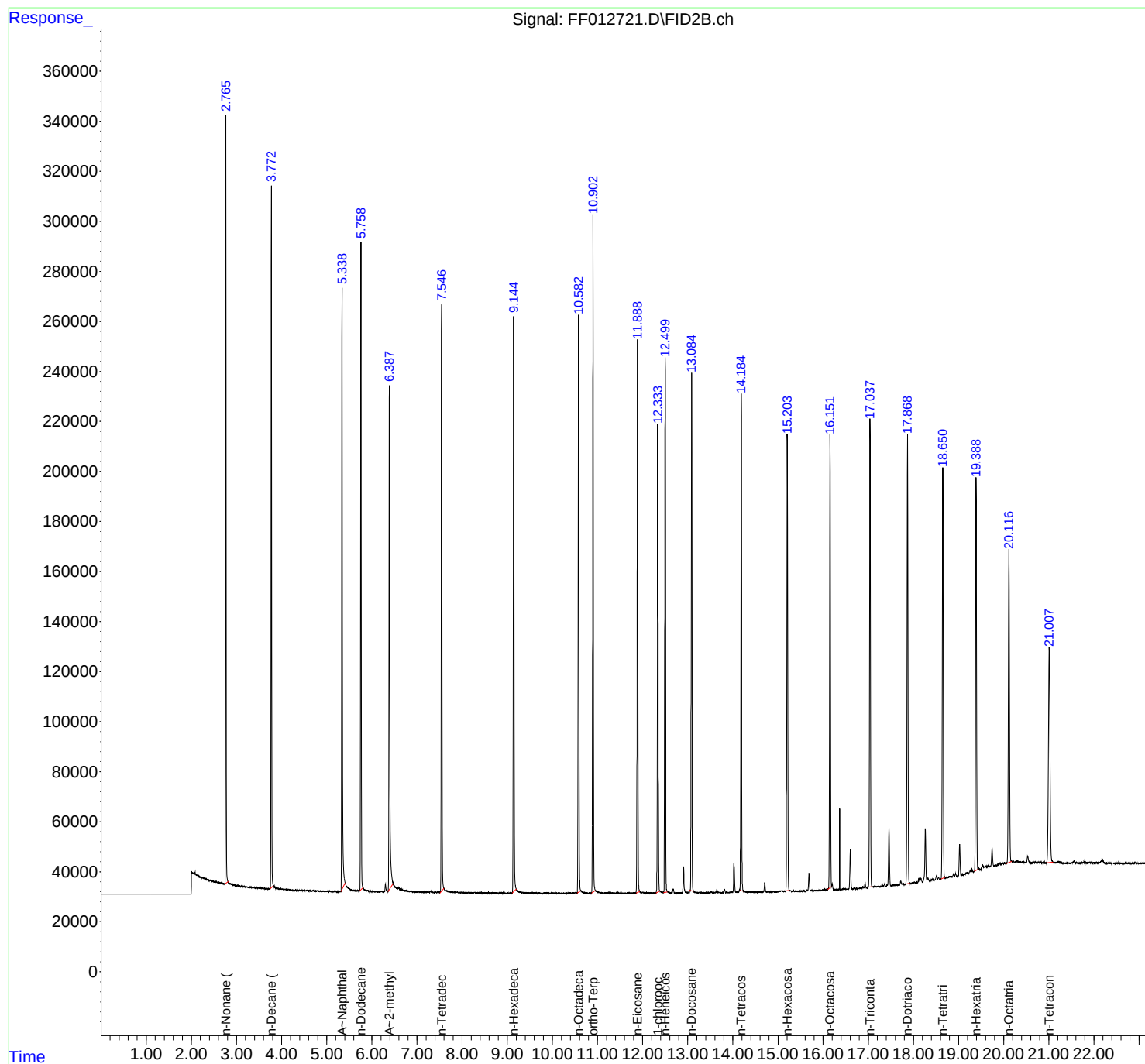
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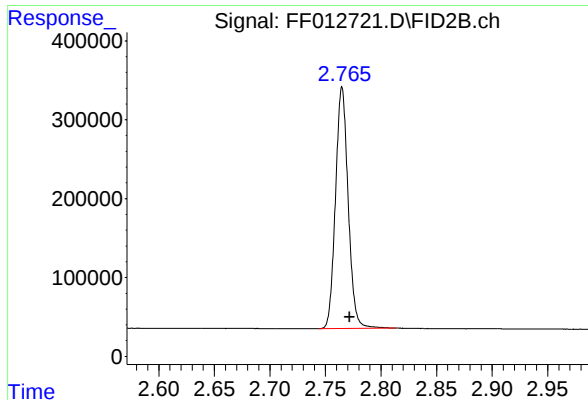
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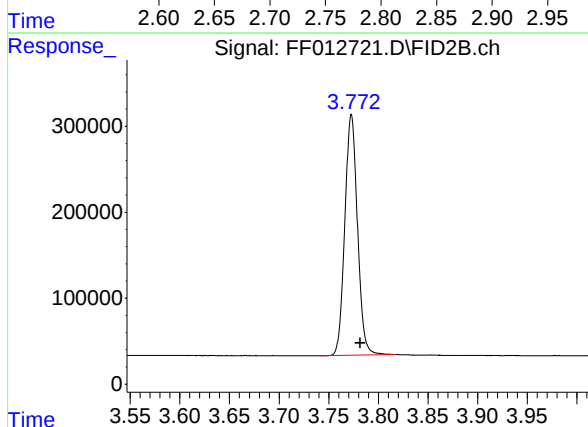
#1 n-Nonane (C9)

R.T.: 2.765 min
Delta R.T.: -0.007 min
Response: 2431576
Conc: 18.58 ug/ml

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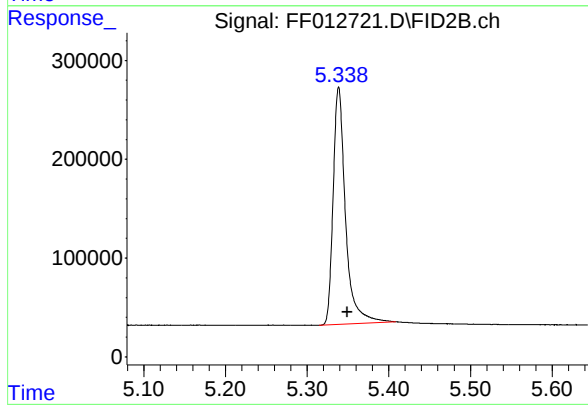
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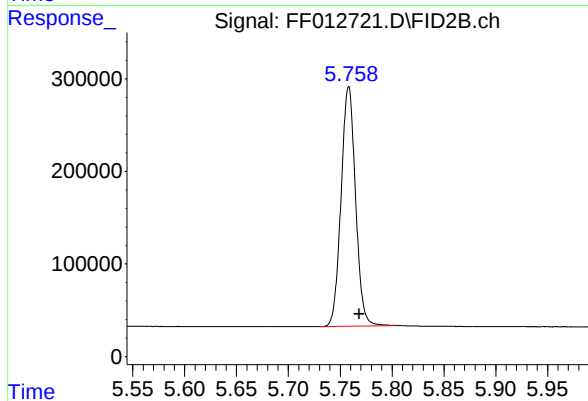
#2 n-Decane (C10)

R.T.: 3.773 min
Delta R.T.: -0.009 min
Response: 2487442
Conc: 18.62 ug/ml



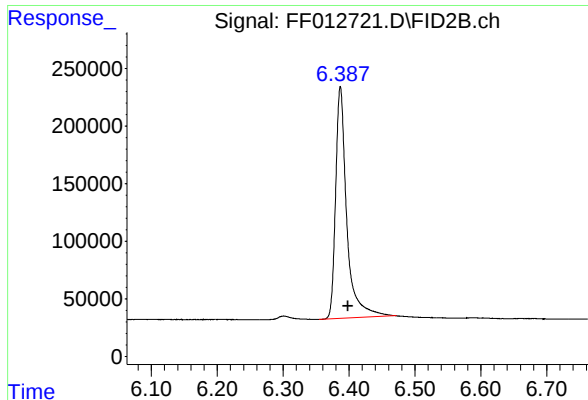
#3 A~Naphthalene (C11.7)

R.T.: 5.339 min
Delta R.T.: -0.010 min
Response: 2528411
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.758 min
Delta R.T.: -0.010 min
Response: 2516134
Conc: 18.59 ug/ml



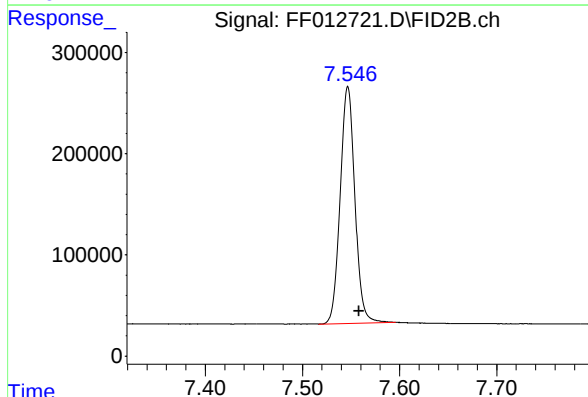
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.387 min
Delta R.T.: -0.011 min
Response: 2363815
Conc: 17.81 ug/ml

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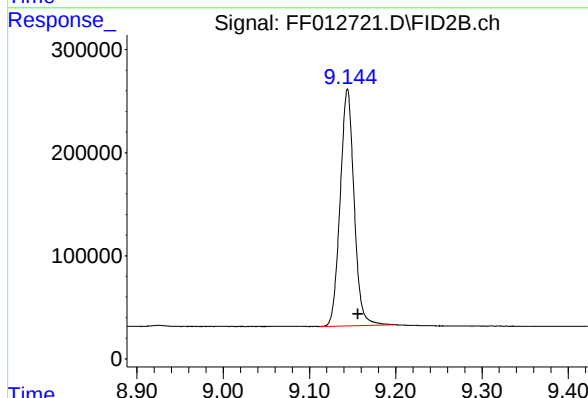
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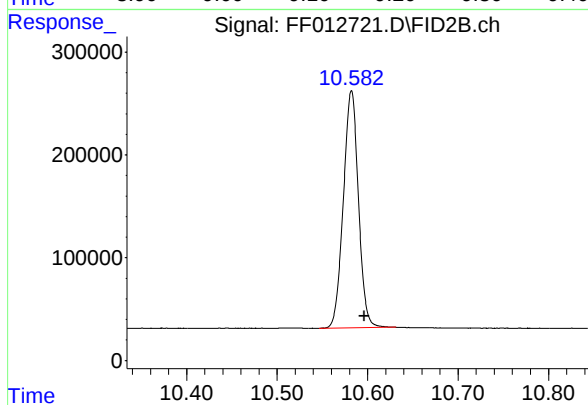
#6 n-Tetradecane (C14)

R.T.: 7.547 min
Delta R.T.: -0.012 min
Response: 2473522
Conc: 18.49 ug/ml



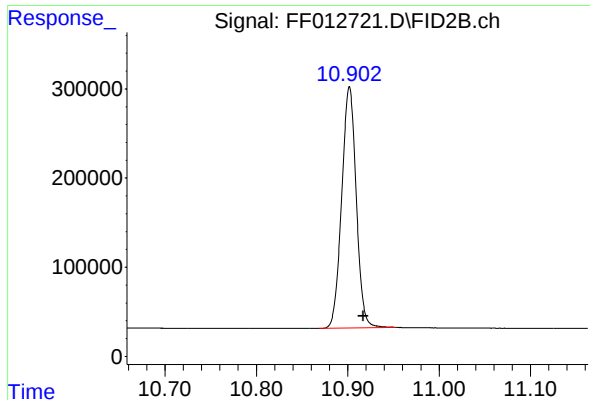
#7 n-Hexadecane (C16)

R.T.: 9.144 min
Delta R.T.: -0.012 min
Response: 2577302
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.582 min
Delta R.T.: -0.014 min
Response: 2672344
Conc: 18.77 ug/ml



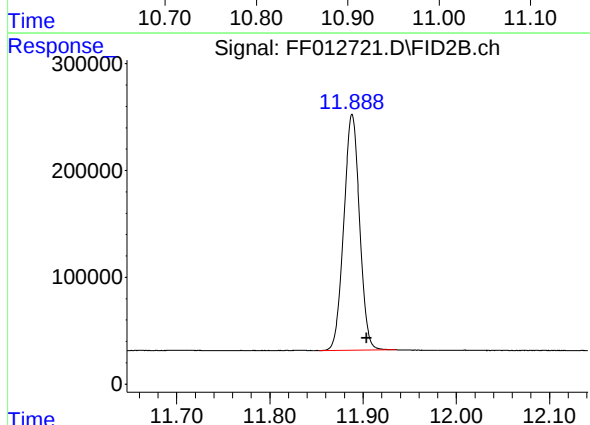
#9 ortho-Terphenyl (SURR)

R.T.: 10.902 min
Delta R.T.: -0.015 min
Response: 2992270
Conc: 18.68 ug/ml

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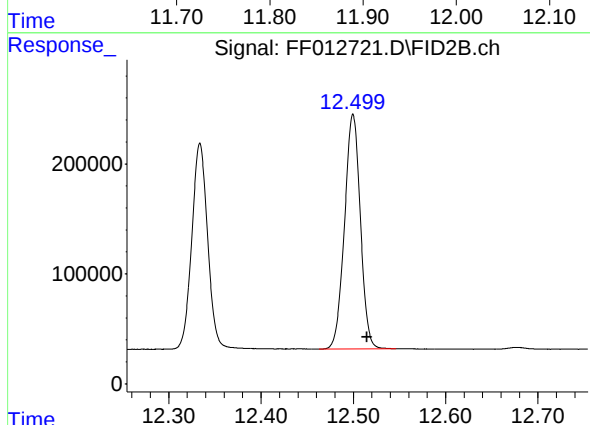
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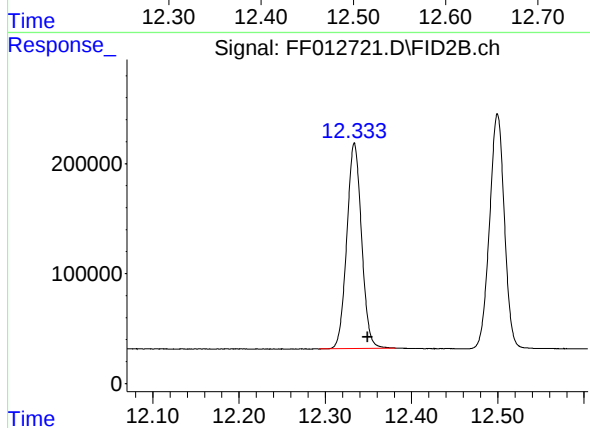
#10 n-Eicosane (C20)

R.T.: 11.888 min
Delta R.T.: -0.015 min
Response: 2595592
Conc: 18.87 ug/ml



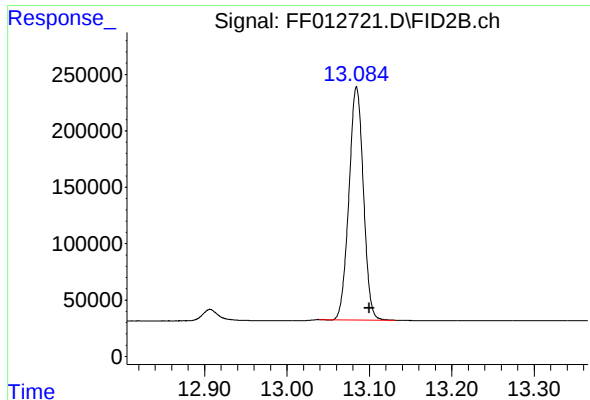
#11 n-Heneicosane (C21)

R.T.: 12.500 min
Delta R.T.: -0.015 min
Response: 2548475
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.334 min
Delta R.T.: -0.016 min
Response: 2216551
Conc: 18.75 ug/ml



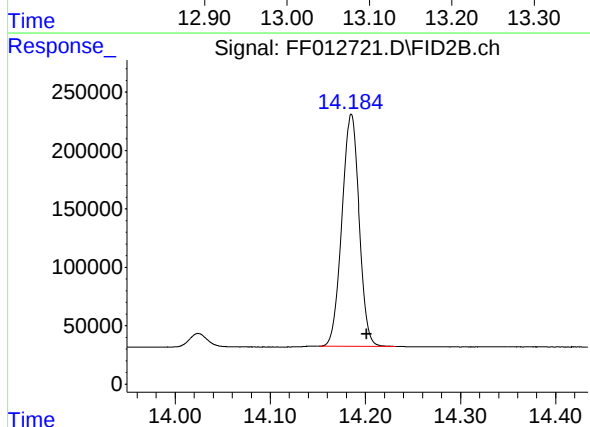
#13 n-Docosane (C22)

R.T.: 13.084 min
Delta R.T.: -0.015 min
Response: 2515336
Conc: 18.79 ug/ml

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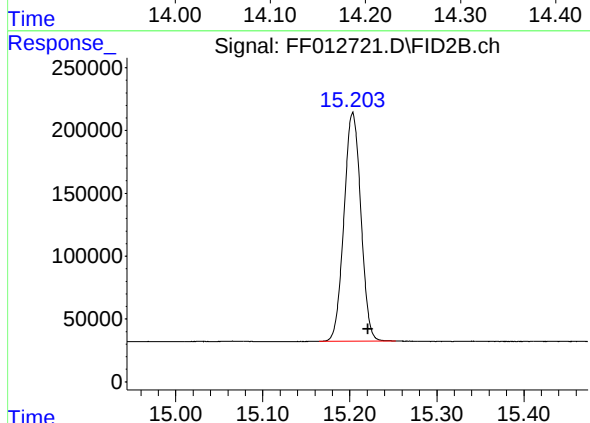
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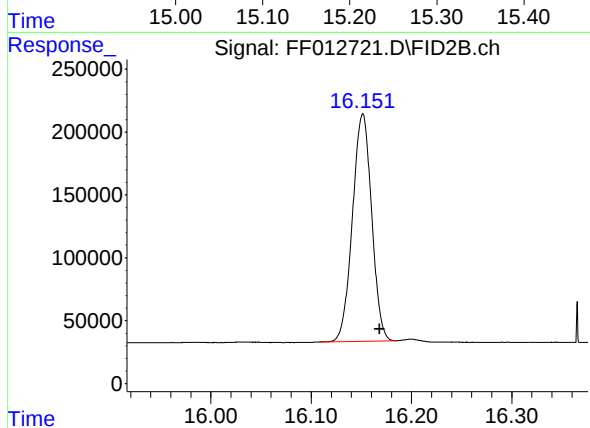
#14 n-Tetracosane (C24)

R.T.: 14.185 min
Delta R.T.: -0.016 min
Response: 2502830
Conc: 19.03 ug/ml



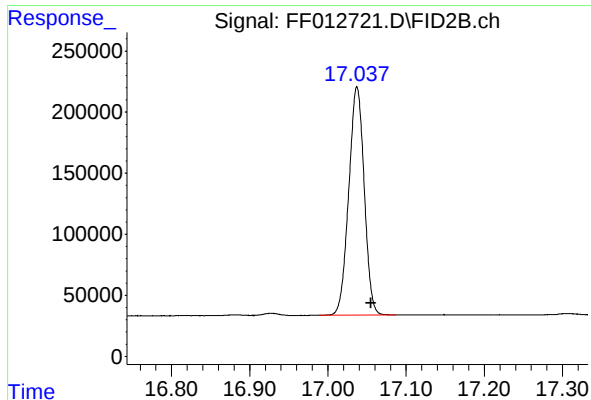
#15 n-Hexacosane (C26)

R.T.: 15.203 min
Delta R.T.: -0.017 min
Response: 2447446
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.152 min
Delta R.T.: -0.017 min
Response: 2403716
Conc: 19.55 ug/ml



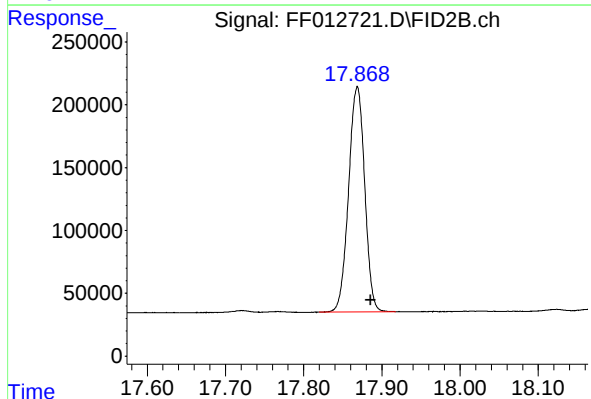
#17 n-Tricontane (C30)

R.T.: 17.037 min
Delta R.T.: -0.018 min
Response: 2565212
Conc: 20.78 ug/ml

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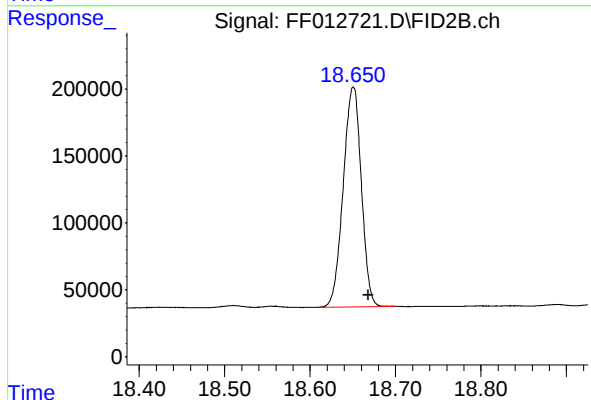
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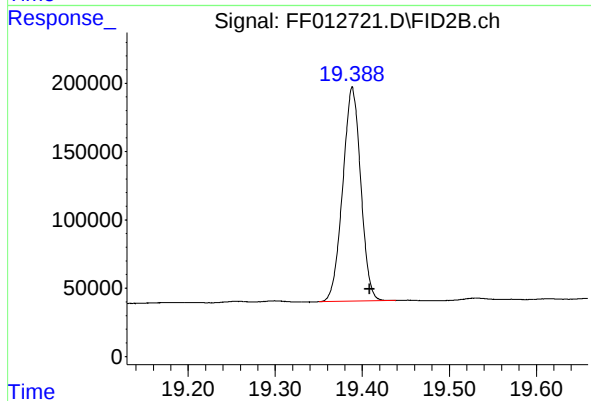
#18 n-Dotriacontane (C32)

R.T.: 17.869 min
Delta R.T.: -0.017 min
Response: 2565827
Conc: 21.21 ug/ml



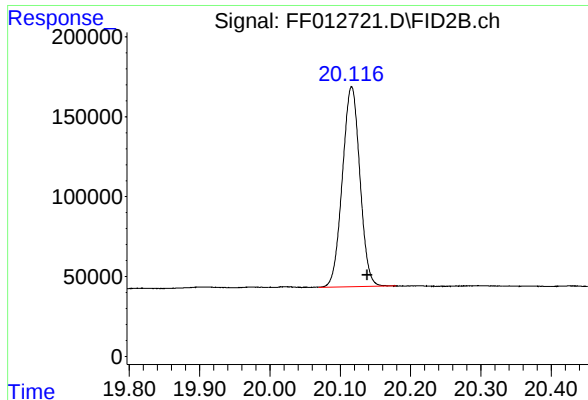
#19 n-Tetratriacontane (C34)

R.T.: 18.651 min
Delta R.T.: -0.018 min
Response: 2414073
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.389 min
Delta R.T.: -0.020 min
Response: 2253210
Conc: 20.00 ug/ml



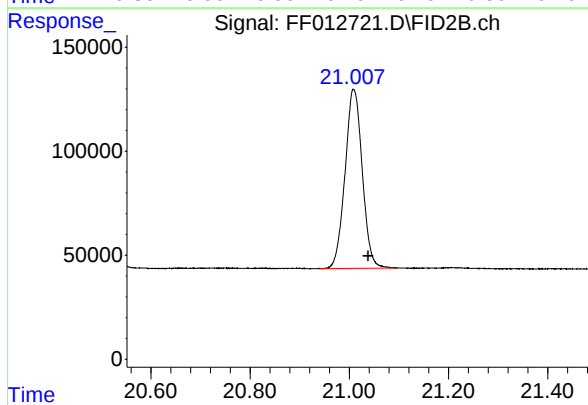
#21 n-Octatriacontane (C38)

R.T.: 20.116 min
Delta R.T.: -0.023 min
Response: 2166173
Conc: 19.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.008 min
Delta R.T.: -0.030 min
Response: 2073599
Conc: 18.79 ug/ml