

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015404.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 20:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File: autoint1.e
 Quant Time: Jan 31 03:43:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.931	2941635	18.502 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
12) S 1-chlorooctadecane (S...	13.370	2259454	18.124 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.315	2555516	19.467 ug/ml
2) T n-Decane (C10)	4.569	2628802	19.653 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2849323	19.591 ug/ml
4) T n-Dodecane (C12)	6.734	2686128	19.920 ug/ml
5) T A~2-methylnaphthalene...	7.367	2773056	19.707 ug/ml
6) T n-Tetradecane (C14)	8.561	2691180	19.918 ug/ml
7) T n-Hexadecane (C16)	10.169	2786165	19.663 ug/ml
8) T n-Octadecane (C18)	11.613	2797982	19.106 ug/ml
10) T n-Eicosane (C20)	12.923	2661957	18.463 ug/ml
11) T n-Heneicosane (C21)	13.536	2594363	18.175 ug/ml
13) T n-Docosane (C22)	14.124	2606412	18.184 ug/mlm
14) T n-Tetracosane (C24)	15.229	2516512	17.348 ug/ml
15) T n-Hexacosane (C26)	16.252	2429591	17.097 ug/ml
16) T n-Octacosane (C28)	17.204	2425490	17.431 ug/ml
17) T n-Tricontane (C30)	18.093	2548857	18.301 ug/ml
18) T n-Dotriacontane (C32)	18.927	2503308	19.192 ug/mlm
19) T n-Tetratriacontane (C34)	19.712	2220436	20.425 ug/mlm
20) T n-Hexatriacontane (C36)	20.451	1846689	20.996 ug/mlm
21) T n-Octatriacontane (C38)	21.192	1805288	21.906 ug/mlm
22) T n-Tetracontane (C40)	22.109	1751534	22.076 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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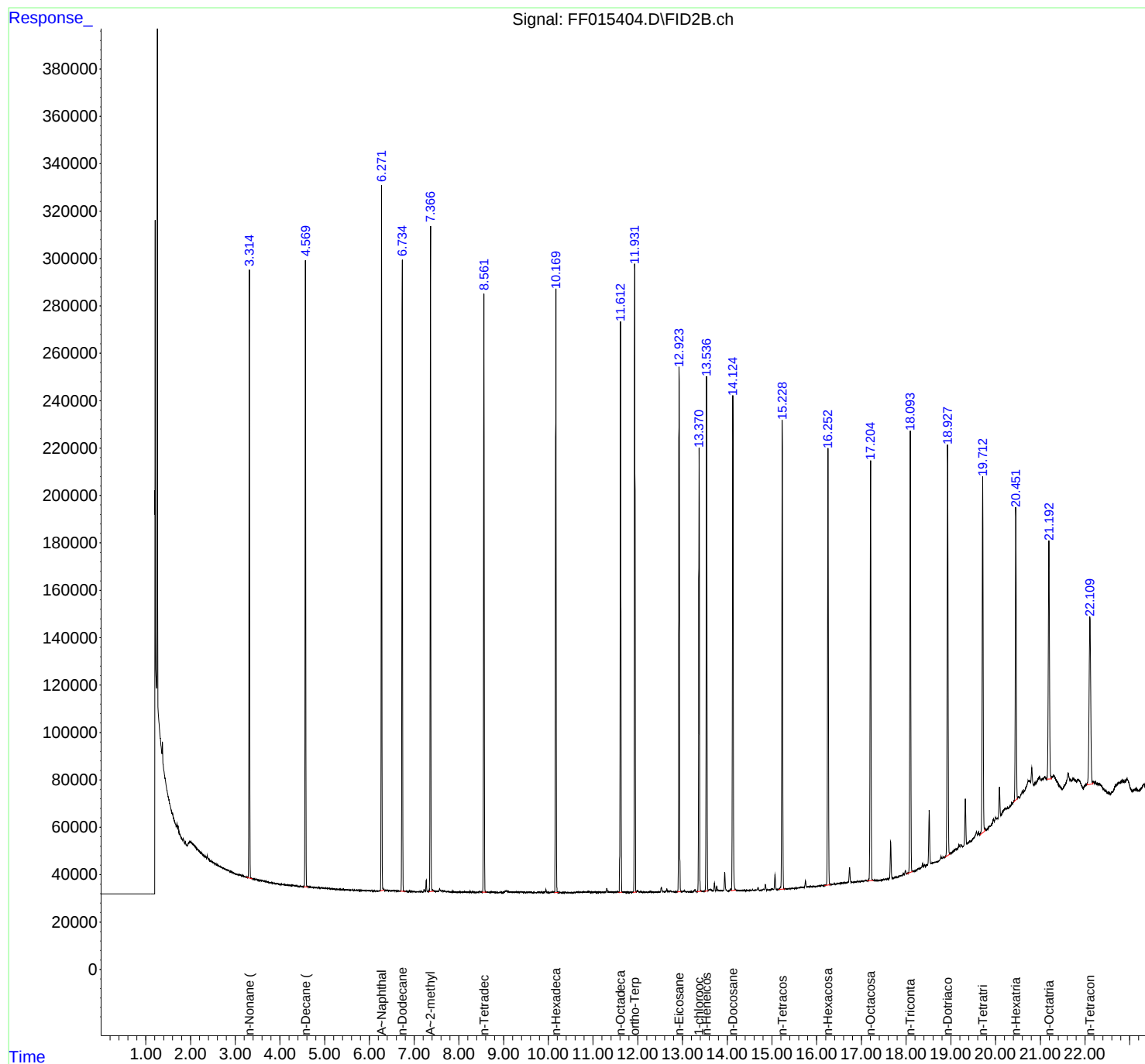
Instrument :
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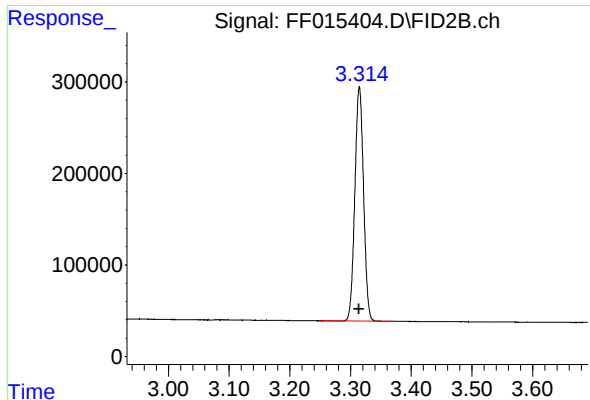
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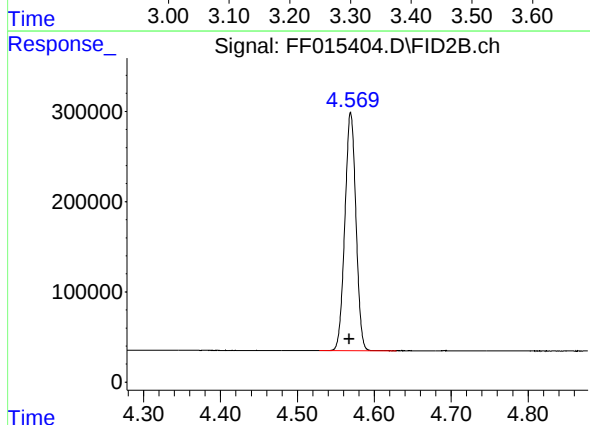
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 2555516
Conc: 19.47 ug/ml

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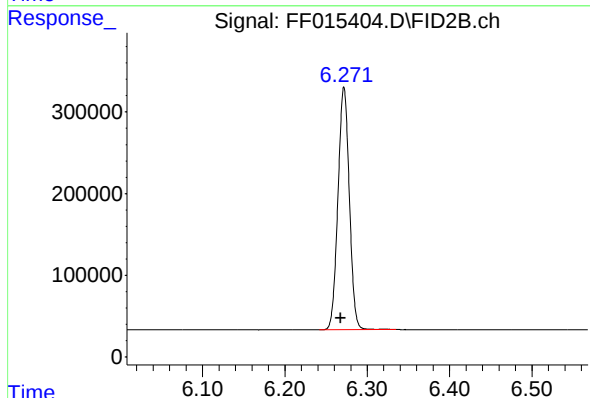
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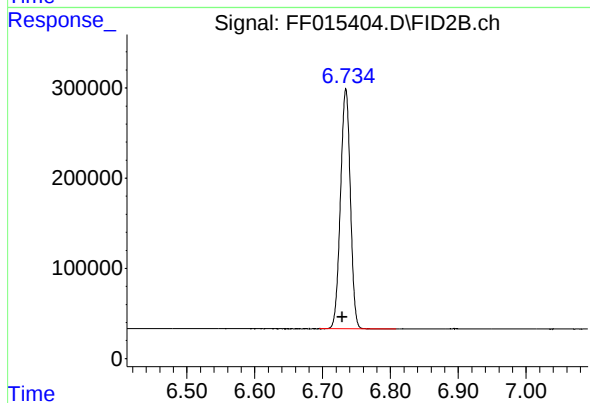
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 2628802
Conc: 19.65 ug/ml



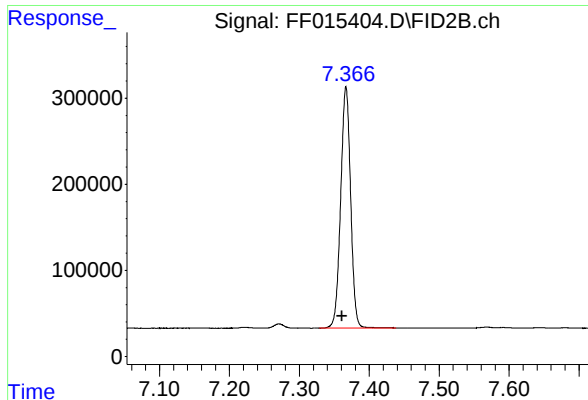
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 2849323
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: 0.005 min
Response: 2686128
Conc: 19.92 ug/ml



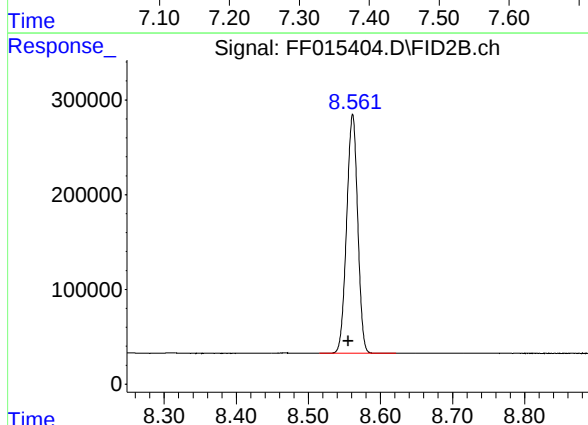
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.006 min
Response: 2773056
Conc: 19.71 ug/ml

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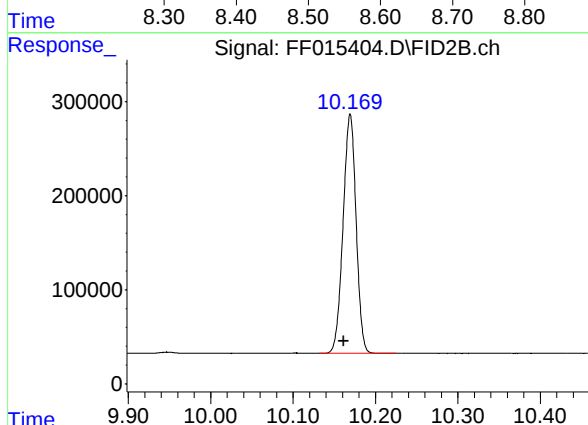
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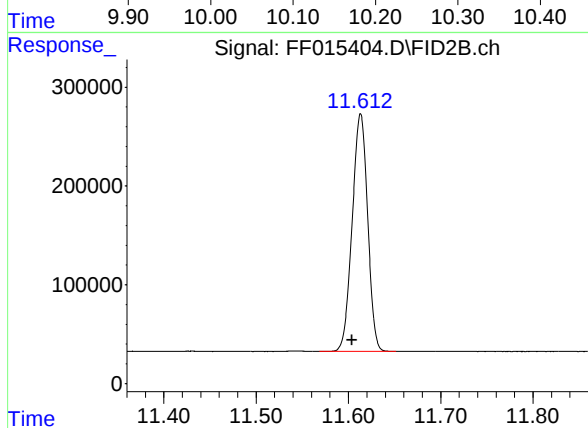
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.006 min
Response: 2691180
Conc: 19.92 ug/ml



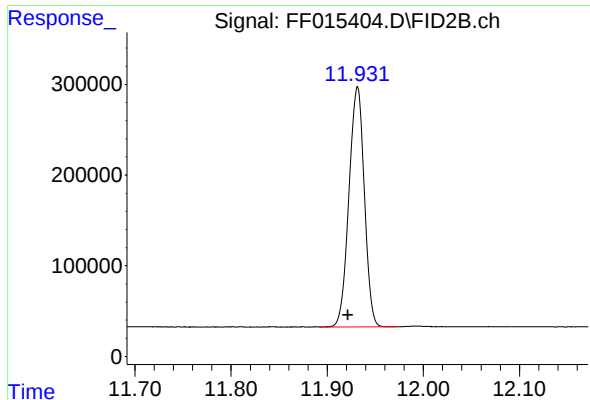
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.008 min
Response: 2786165
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: 0.009 min
Response: 2797982
Conc: 19.11 ug/ml



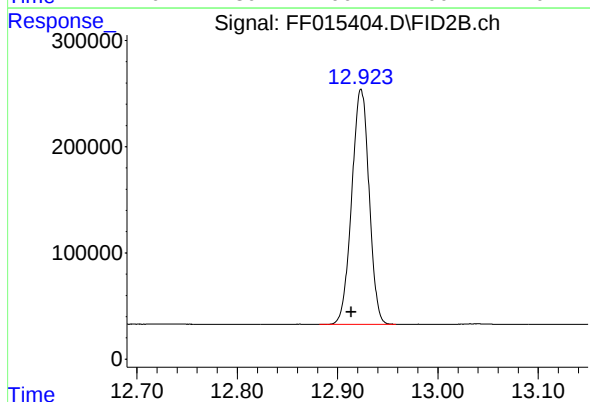
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.010 min
Response: 2941635
Conc: 18.50 ug/ml

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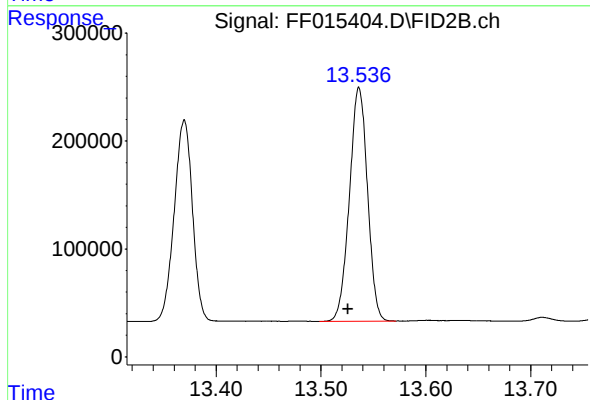
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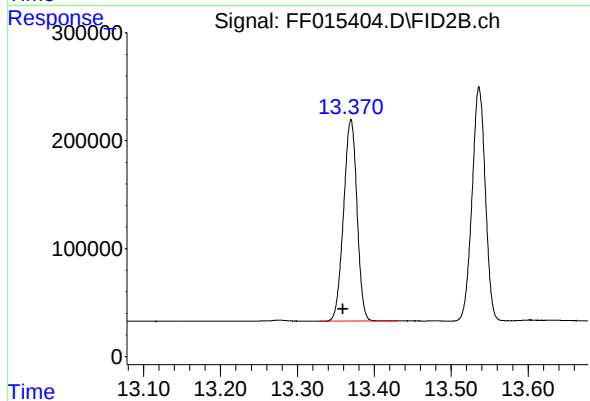
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.010 min
Response: 2661957
Conc: 18.46 ug/ml



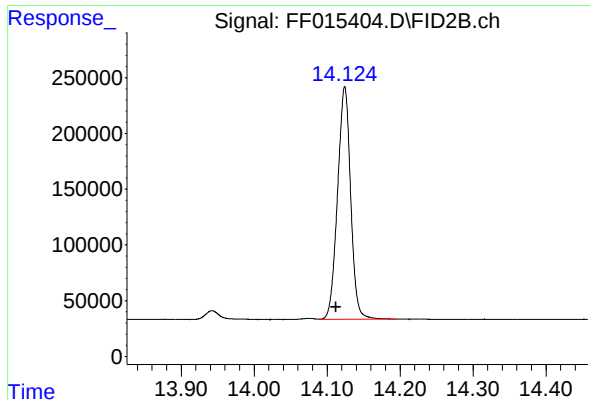
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.011 min
Response: 2594363
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.010 min
Response: 2259454
Conc: 18.12 ug/ml



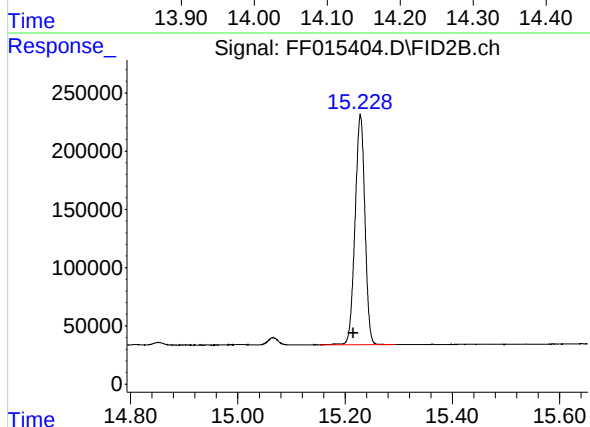
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.012 min
Response: 2606412
Conc: 18.18 ug/ml

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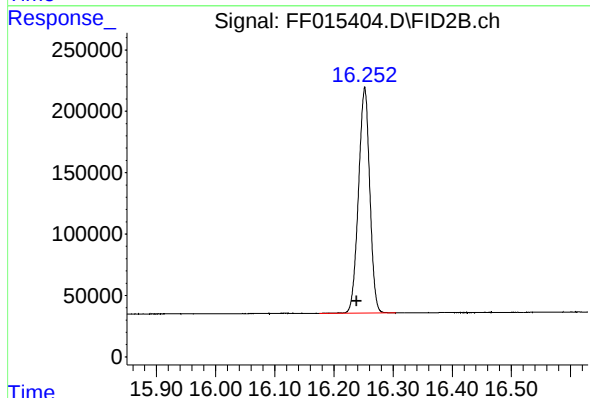
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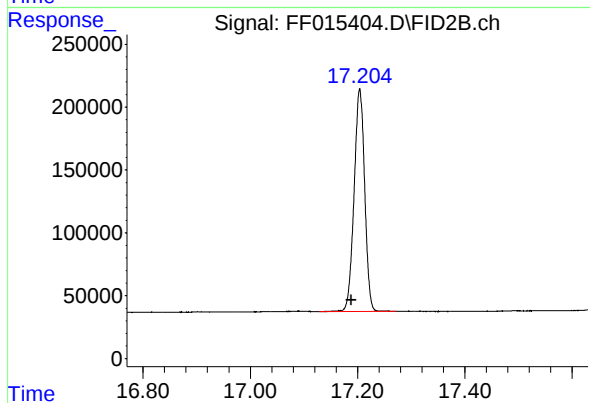
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.013 min
Response: 2516512
Conc: 17.35 ug/ml



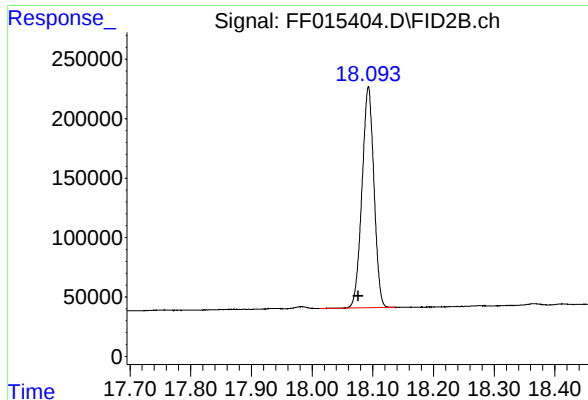
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.014 min
Response: 2429591
Conc: 17.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: 0.016 min
Response: 2425490
Conc: 17.43 ug/ml



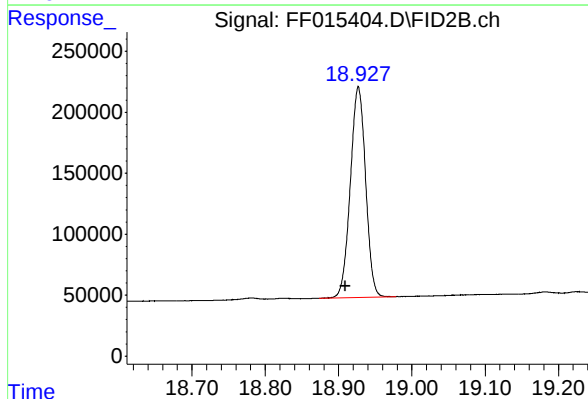
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: 0.016 min
Response: 2548857
Conc: 18.30 ug/ml

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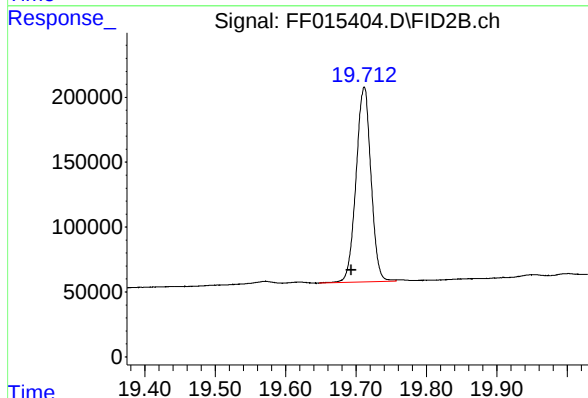
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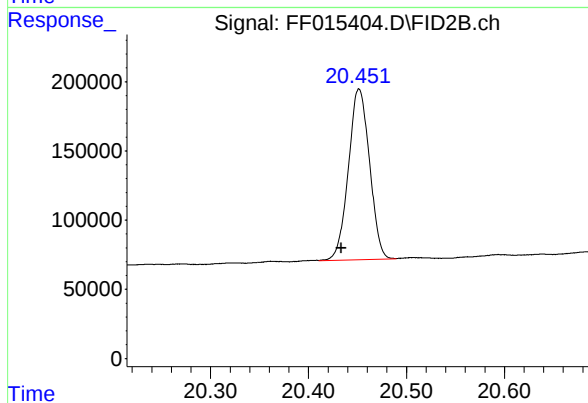
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.017 min
Response: 2503308
Conc: 19.19 ug/ml m



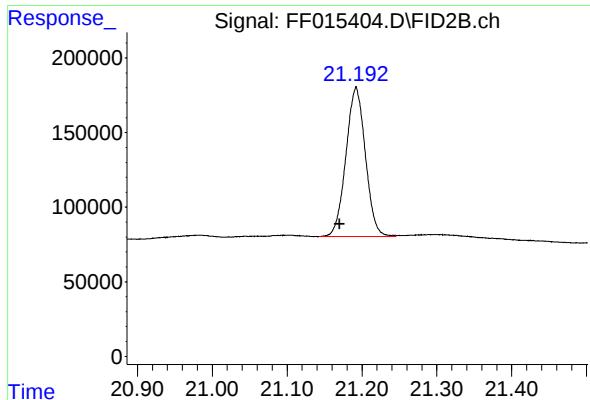
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.018 min
Response: 2220436
Conc: 20.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: 0.017 min
Response: 1846689
Conc: 21.00 ug/ml m



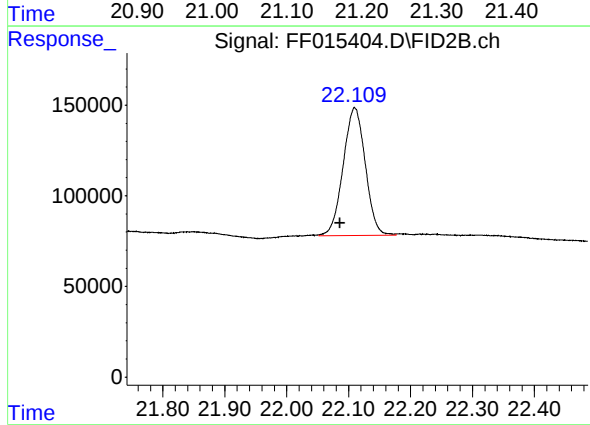
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.022 min
Response: 1805288
Conc: 21.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.023 min
Response: 1751534
Conc: 22.08 ug/ml m