

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014406.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 12:59
 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 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 04:13:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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)	11.811	2973590	21.113 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
12) S 1-chlorooctadecane (S...	13.254	2100229	22.463 ug/ml
Spiked Amount 50.000		Recovery =	44.93%
Target Compounds			
1) T n-Nonane (C9)	3.214	2620527	20.276 ug/ml
2) T n-Decane (C10)	4.463	2652189	20.242 ug/ml
3) T A~Naphthalene (C11.7)	6.158	2677746	21.030 ug/ml
4) T n-Dodecane (C12)	6.628	2702204	20.433 ug/ml
5) T A~2-methylnaphthalene...	7.253	2446048	21.113 ug/ml
6) T n-Tetradecane (C14)	8.454	2649834	20.585 ug/ml
7) T n-Hexadecane (C16)	10.060	2716247	20.979 ug/ml
8) T n-Octadecane (C18)	11.501	2808723	21.272 ug/ml
10) T n-Eicosane (C20)	12.811	2722543	21.662 ug/ml
11) T n-Heneicosane (C21)	13.423	2673026	21.794 ug/ml
13) T n-Docosane (C22)	14.008	2635252	21.990 ug/ml
14) T n-Tetracosane (C24)	15.112	2576468	22.045 ug/ml
15) T n-Hexacosane (C26)	16.134	2475578	21.903 ug/ml
16) T n-Octacosane (C28)	17.083	2368006	21.482 ug/ml
17) T n-Tricontane (C30)	17.971	2352418	21.076 ug/ml
18) T n-Dotriacontane (C32)	18.803	2210021	20.135 ug/ml
19) T n-Tetratriacontane (C34)	19.584	2018773	19.667 ug/mlm
20) T n-Hexatriacontane (C36)	20.324	1712393	19.181 ug/mlm
21) T n-Octatriacontane (C38)	21.049	1239963	18.006 ug/ml
22) T n-Tetracontane (C40)	21.936	692790	15.485 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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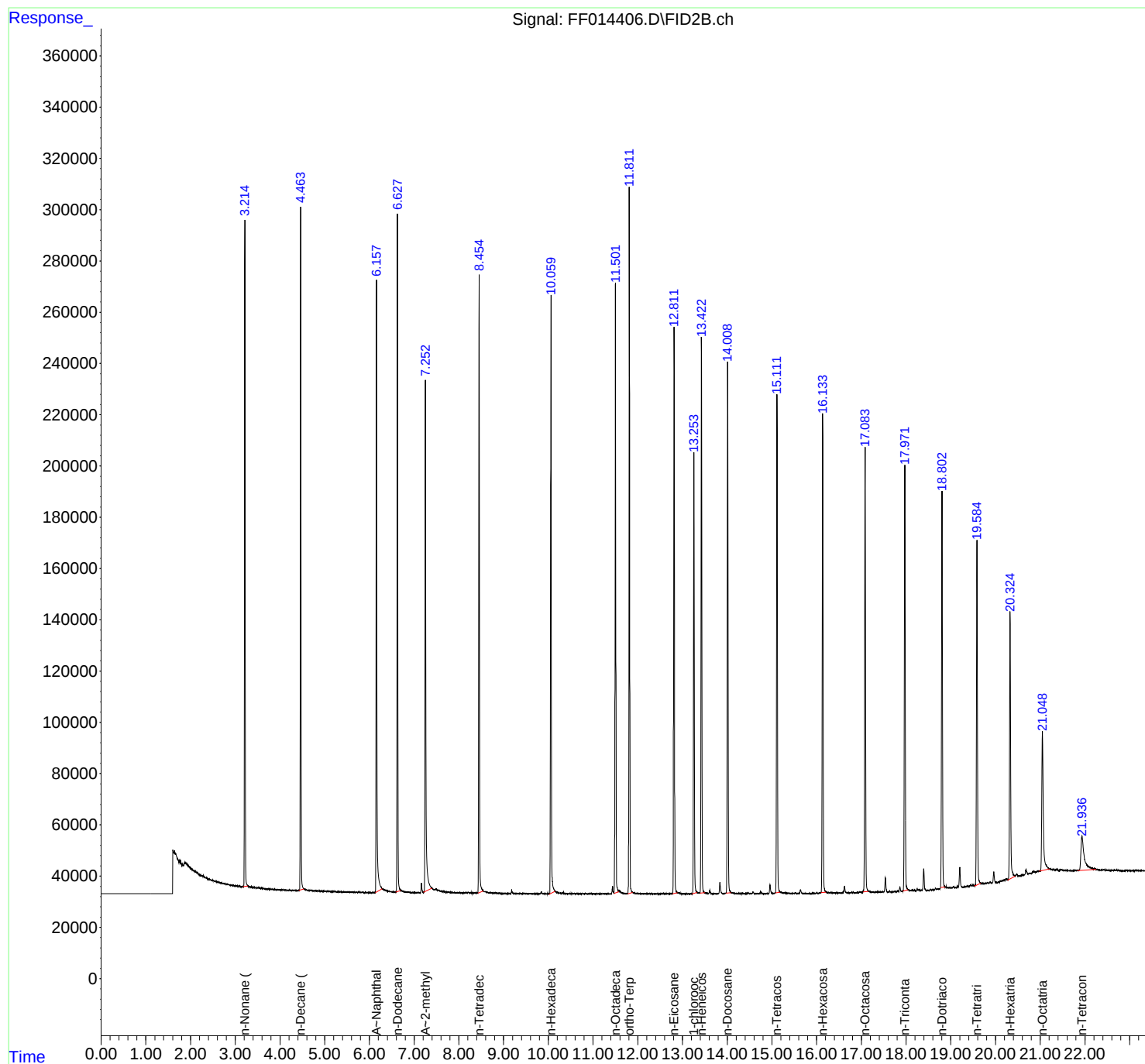
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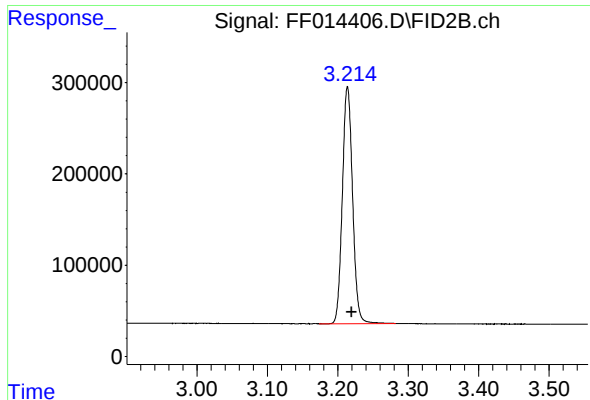
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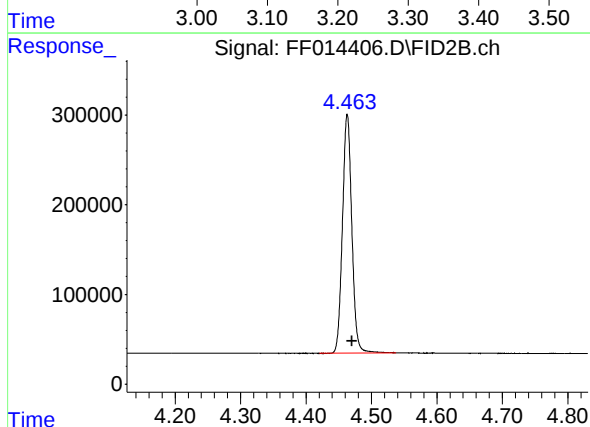
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.006 min
Response: 2620527
Conc: 20.28 ug/ml

Instrument :
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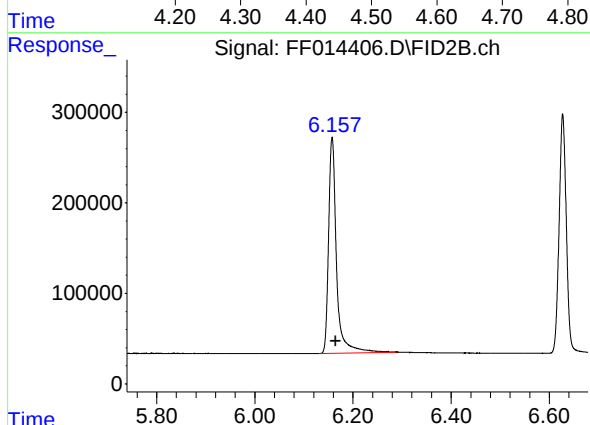
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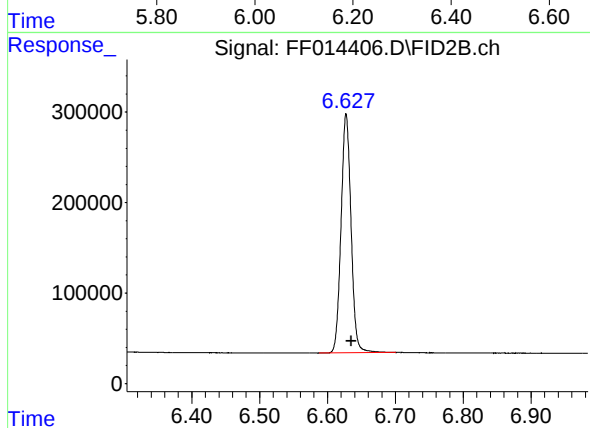
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.007 min
Response: 2652189
Conc: 20.24 ug/ml



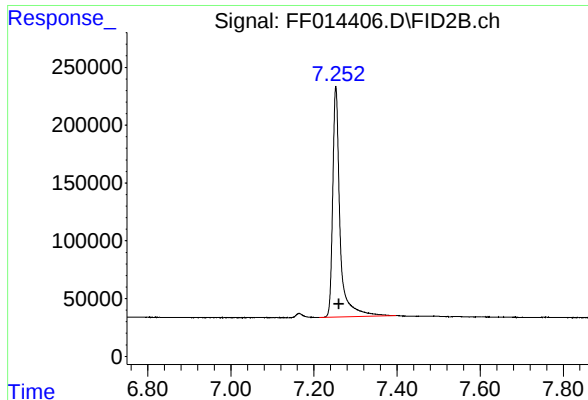
#3 A~Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 2677746
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.008 min
Response: 2702204
Conc: 20.43 ug/ml



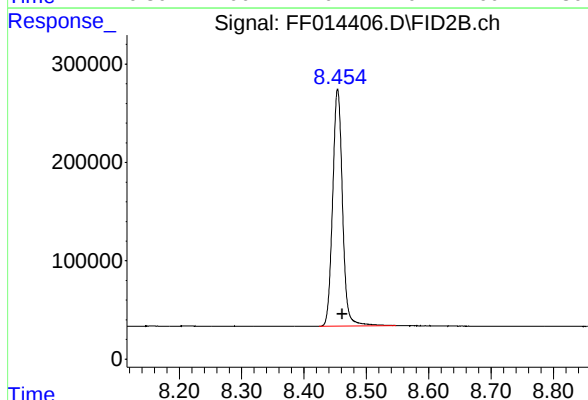
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 2446048
Conc: 21.11 ug/ml

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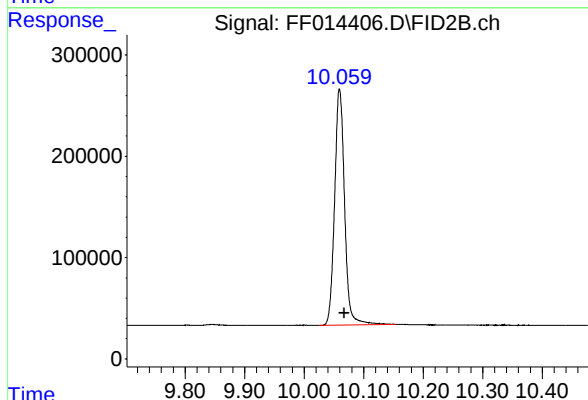
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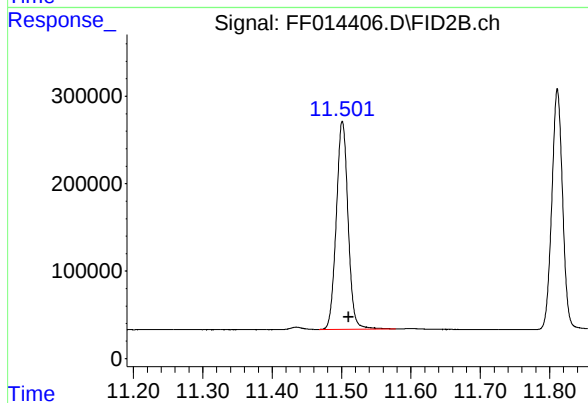
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.008 min
Response: 2649834
Conc: 20.58 ug/ml



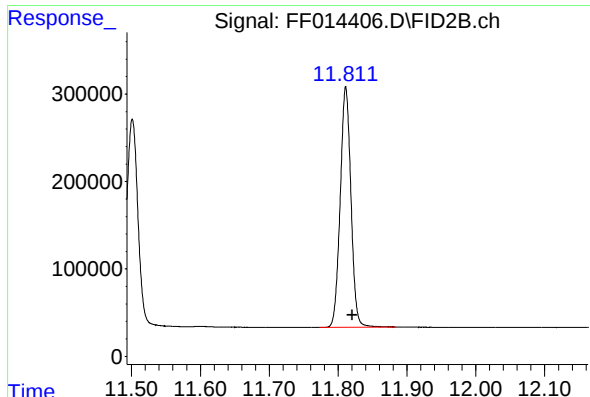
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.008 min
Response: 2716247
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.501 min
Delta R.T.: -0.009 min
Response: 2808723
Conc: 21.27 ug/ml



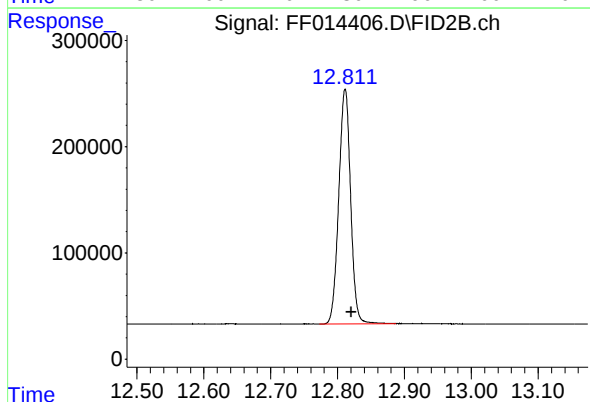
#9 ortho-Terphenyl (SURR)

R.T.: 11.811 min
Delta R.T.: -0.010 min
Response: 2973590
Conc: 21.11 ug/ml

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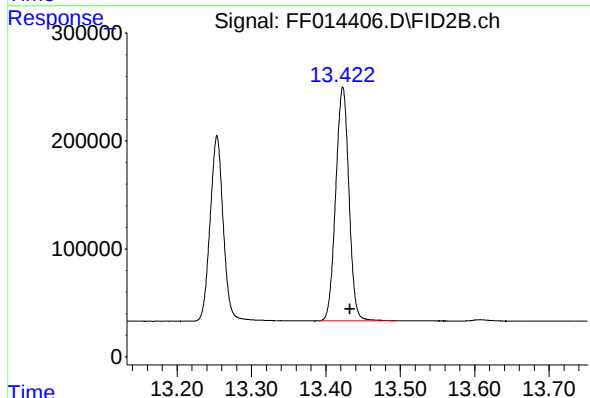
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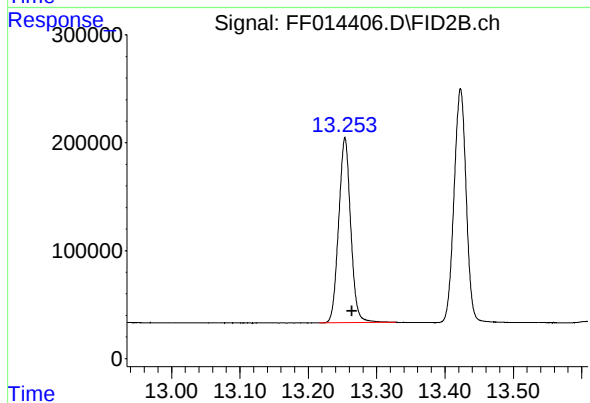
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.009 min
Response: 2722543
Conc: 21.66 ug/ml



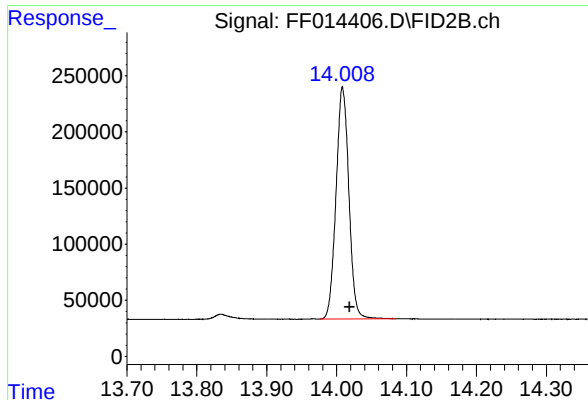
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.010 min
Response: 2673026
Conc: 21.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.254 min
Delta R.T.: -0.010 min
Response: 2100229
Conc: 22.46 ug/ml



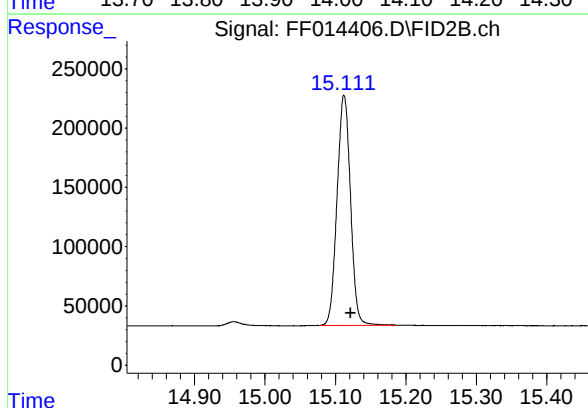
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.011 min
Response: 2635252
Conc: 21.99 ug/ml

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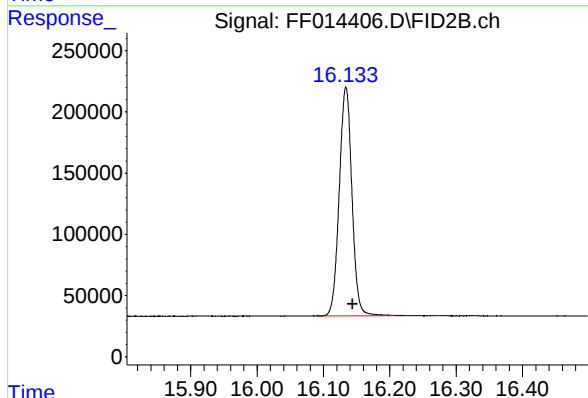
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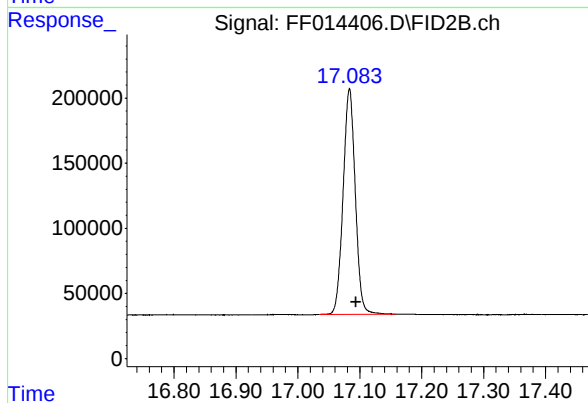
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.009 min
Response: 2576468
Conc: 22.05 ug/ml



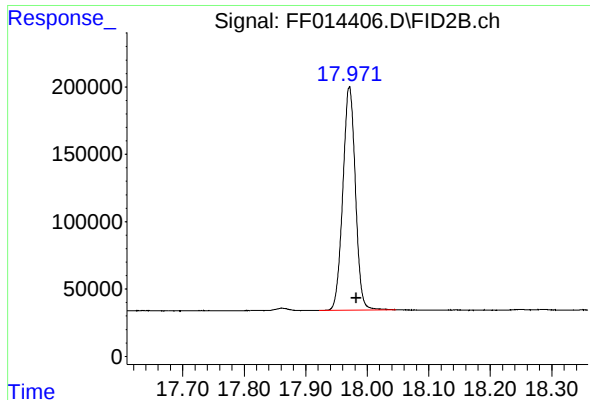
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.010 min
Response: 2475578
Conc: 21.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.010 min
Response: 2368006
Conc: 21.48 ug/ml



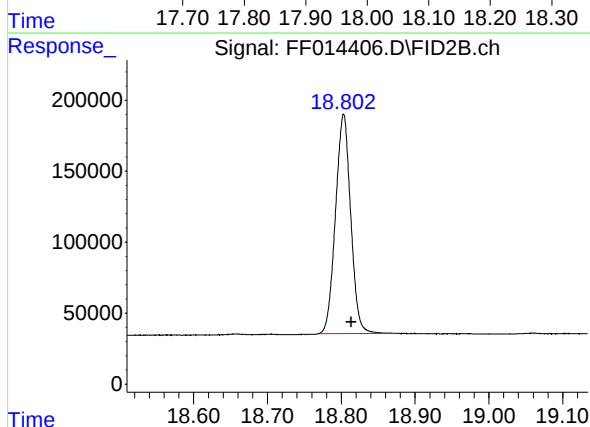
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.011 min
Response: 2352418
Conc: 21.08 ug/ml

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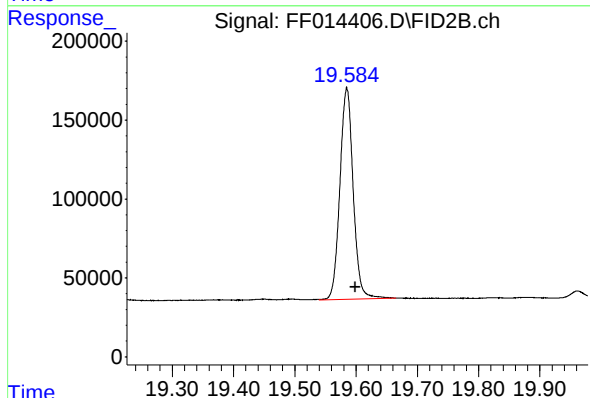
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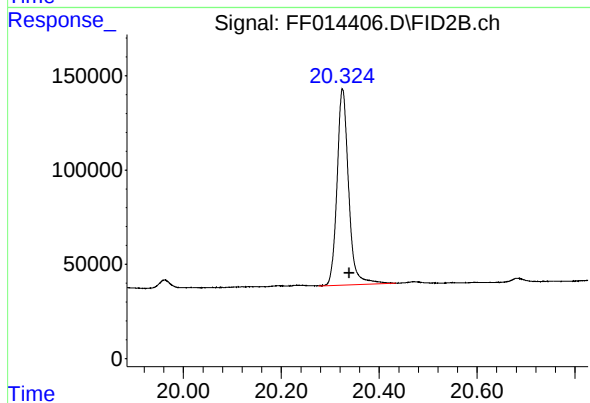
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.011 min
Response: 2210021
Conc: 20.14 ug/ml



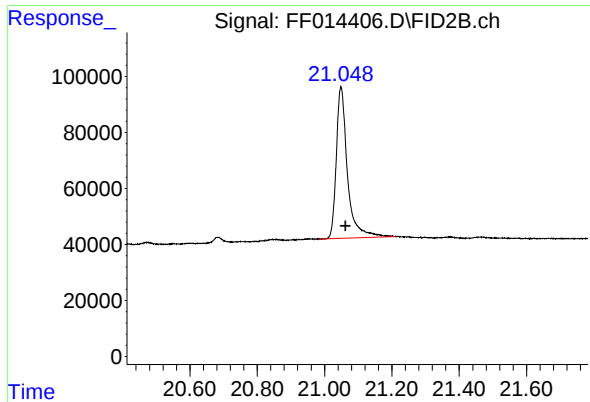
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.014 min
Response: 2018773
Conc: 19.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.324 min
Delta R.T.: -0.015 min
Response: 1712393
Conc: 19.18 ug/ml m



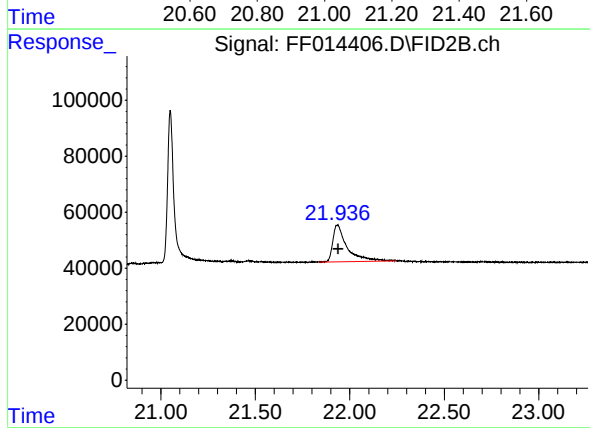
#21 n-Octatriacontane (C38)

R.T.: 21.049 min
Delta R.T.: -0.013 min
Response: 1239963
Conc: 18.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.004 min
Response: 692790
Conc: 15.49 ug/ml m