

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080624AL\
 Data File : FF014397.D
 Signal(s) : FID2B.ch
 Acq On : 06 Aug 2024 01:55
 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 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 07:18:02 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)	11.814	2826044	20.066 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.257	1931067	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.216	2528040	19.561 ug/ml
2) T n-Decane (C10)	4.465	2581851	19.705 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2576346	20.234 ug/ml
4) T n-Dodecane (C12)	6.629	2624833	19.848 ug/ml
5) T A~2-methylnaphthalene...	7.254	2352254	20.304 ug/ml
6) T n-Tetradecane (C14)	8.455	2587558	20.101 ug/ml
7) T n-Hexadecane (C16)	10.061	2621804	20.249 ug/ml
8) T n-Octadecane (C18)	11.504	2700475	20.452 ug/ml
10) T n-Eicosane (C20)	12.813	2568240	20.434 ug/ml
11) T n-Heneicosane (C21)	13.425	2513853	20.496 ug/ml
13) T n-Docosane (C22)	14.010	2462669	20.550 ug/ml
14) T n-Tetracosane (C24)	15.114	2392921	20.475 ug/ml
15) T n-Hexacosane (C26)	16.135	2304056	20.386 ug/ml
16) T n-Octacosane (C28)	17.085	2213749	20.083 ug/ml
17) T n-Tricontane (C30)	17.972	2208245	19.784 ug/ml
18) T n-Dotriacontane (C32)	18.804	2101429	19.146 ug/ml
19) T n-Tetratriacontane (C34)	19.587	1931695	18.819 ug/mlm
20) T n-Hexatriacontane (C36)	20.328	1638878	18.357 ug/mlm
21) T n-Octatriacontane (C38)	21.051	1245687	18.089 ug/ml
22) T n-Tetracontane (C40)	21.928	716433	16.014 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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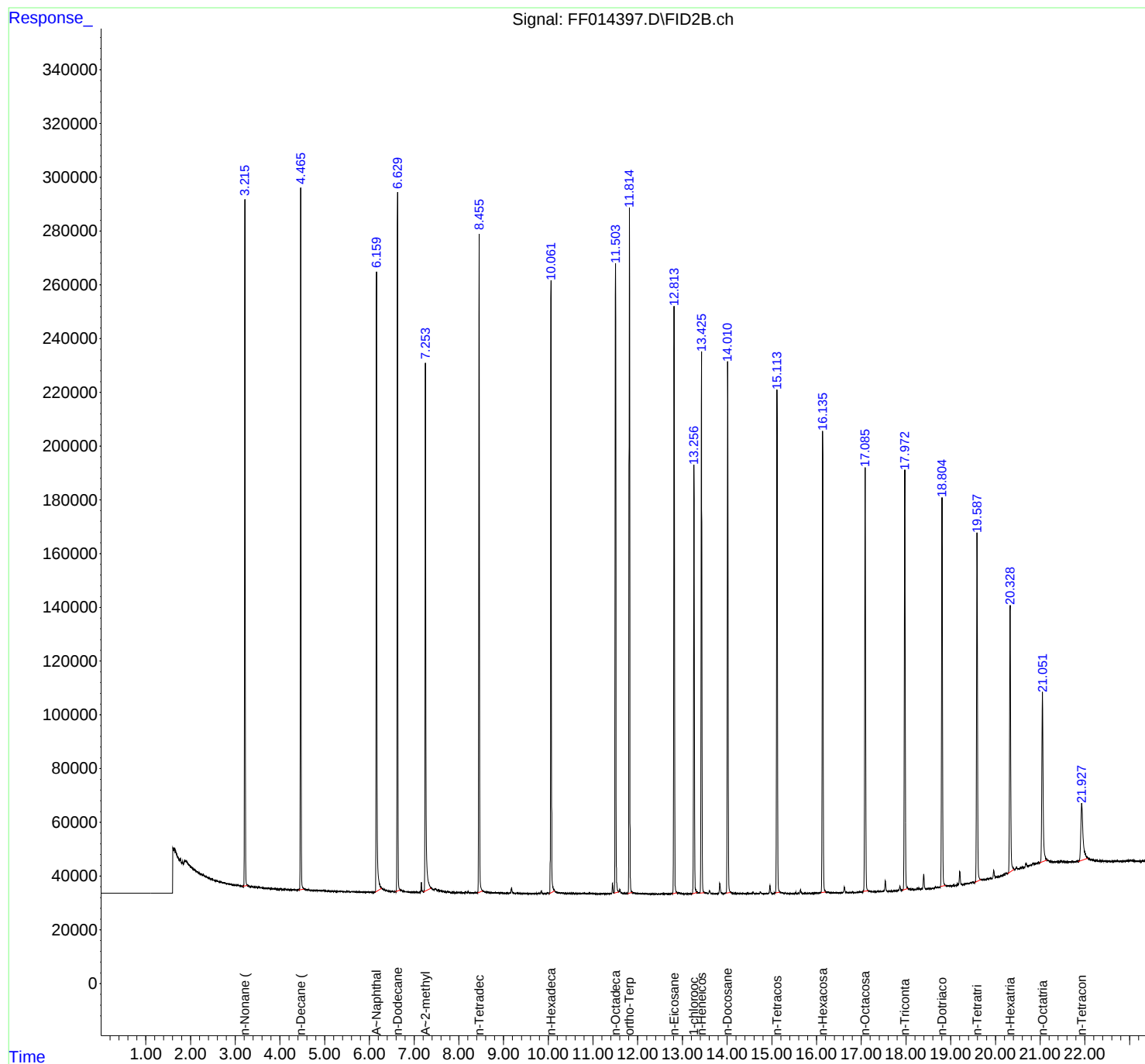
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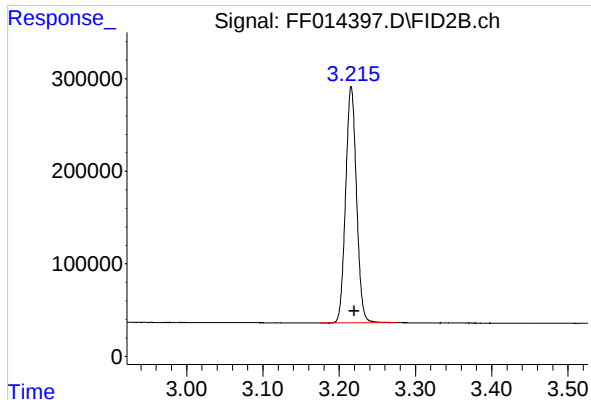
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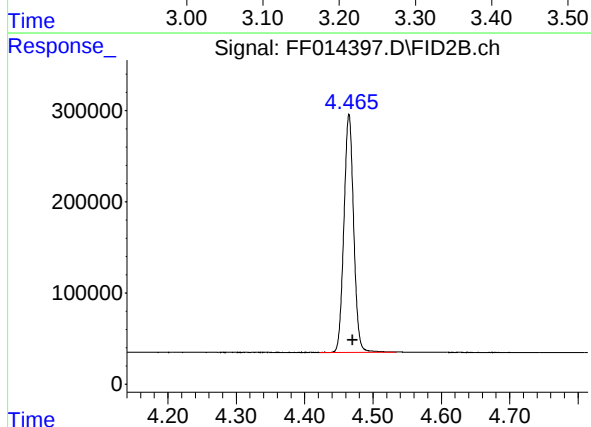
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 2528040
Conc: 19.56 ug/ml

Instrument : FID_F
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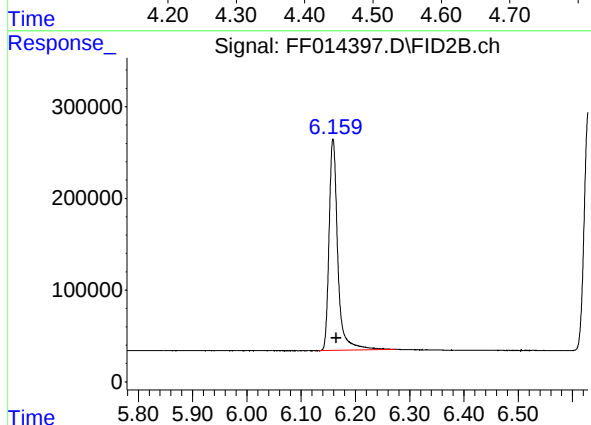
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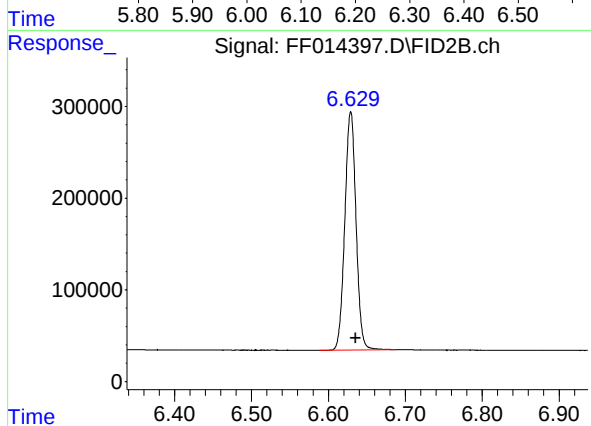
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 2581851
Conc: 19.71 ug/ml



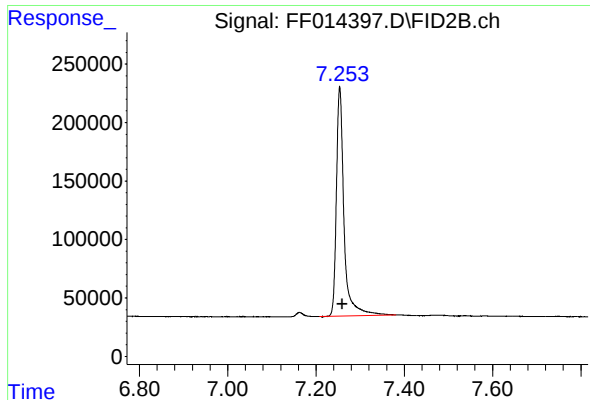
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.006 min
Response: 2576346
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 2624833
Conc: 19.85 ug/ml



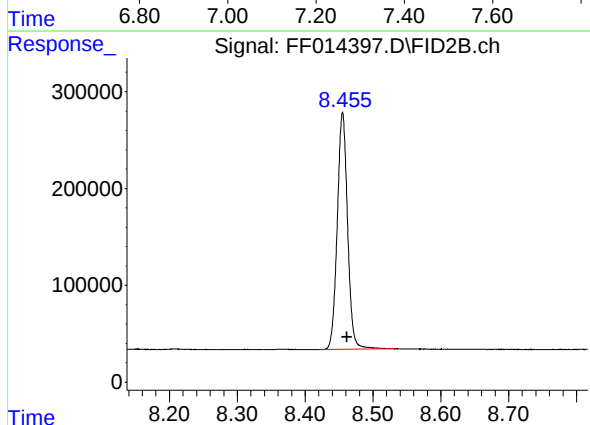
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 2352254
Conc: 20.30 ug/ml

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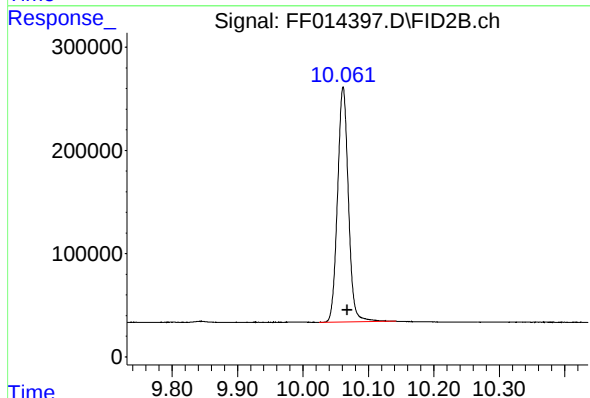
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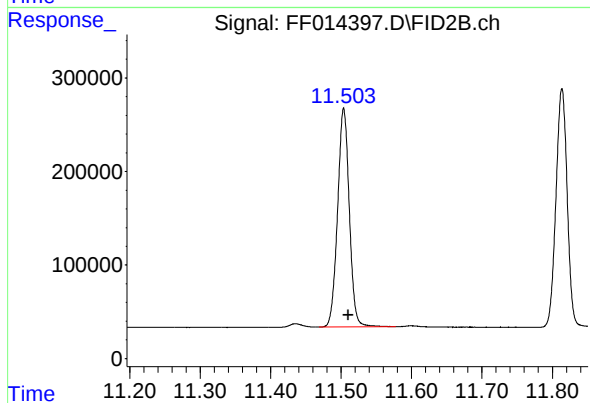
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.006 min
Response: 2587558
Conc: 20.10 ug/ml



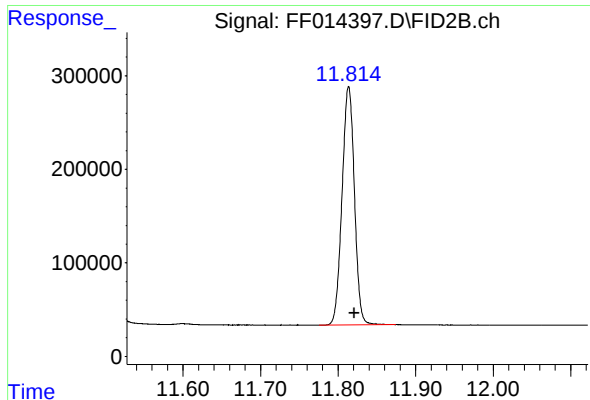
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.006 min
Response: 2621804
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 2700475
Conc: 20.45 ug/ml



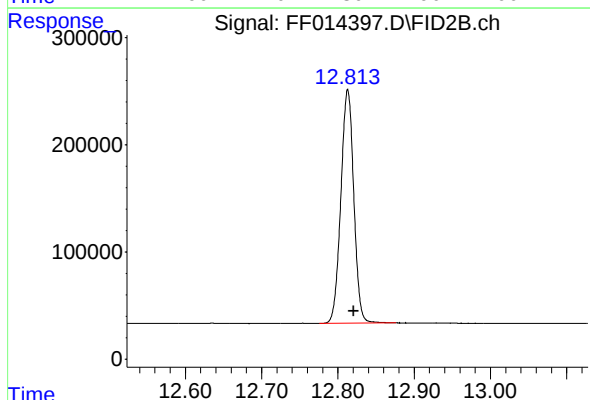
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.007 min
Response: 2826044
Conc: 20.07 ug/ml

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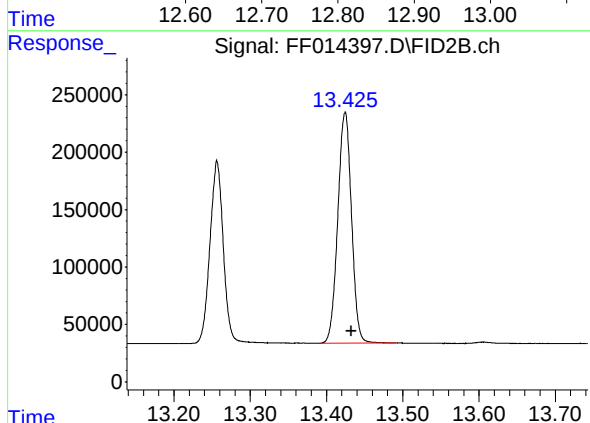
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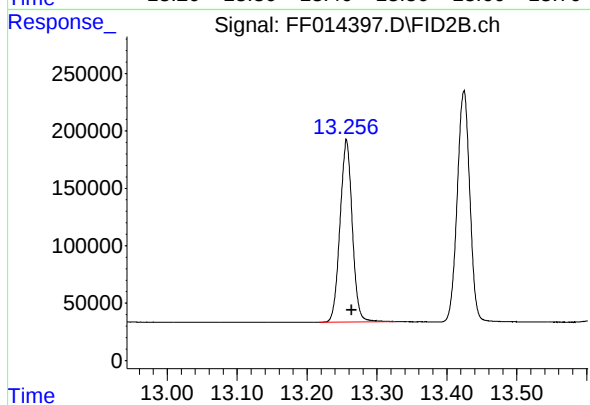
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.008 min
Response: 2568240
Conc: 20.43 ug/ml



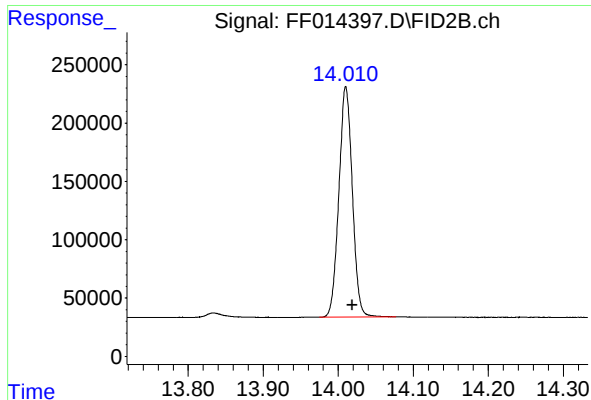
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 2513853
Conc: 20.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.007 min
Response: 1931067
Conc: 20.65 ug/ml



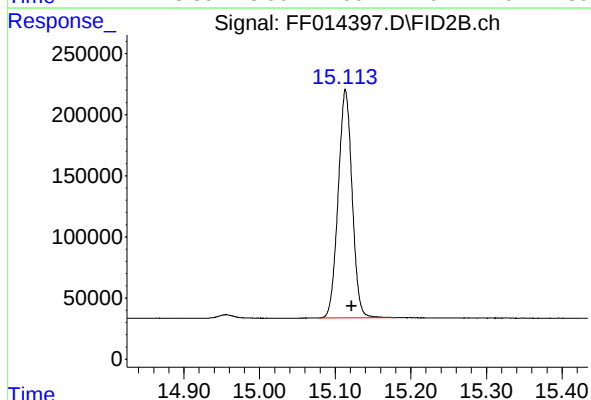
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.009 min
Response: 2462669
Conc: 20.55 ug/ml

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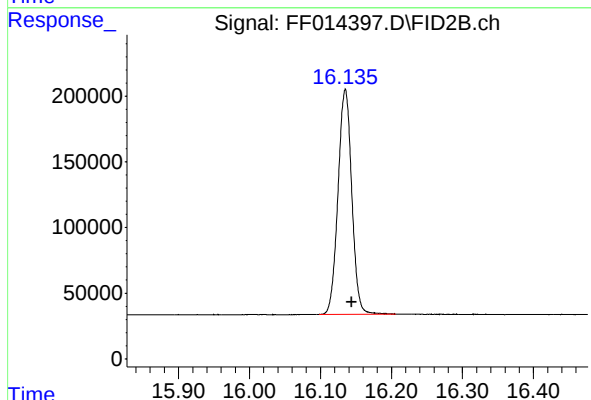
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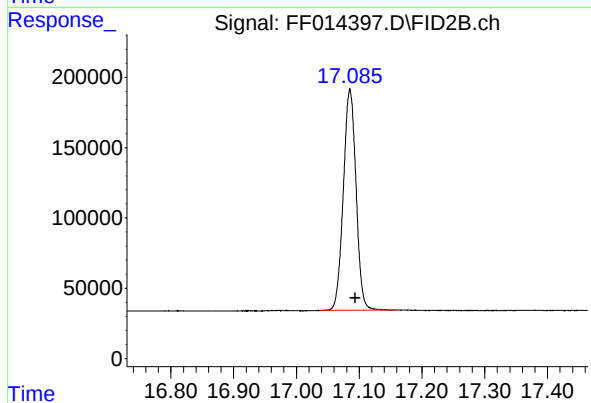
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.008 min
Response: 2392921
Conc: 20.47 ug/ml



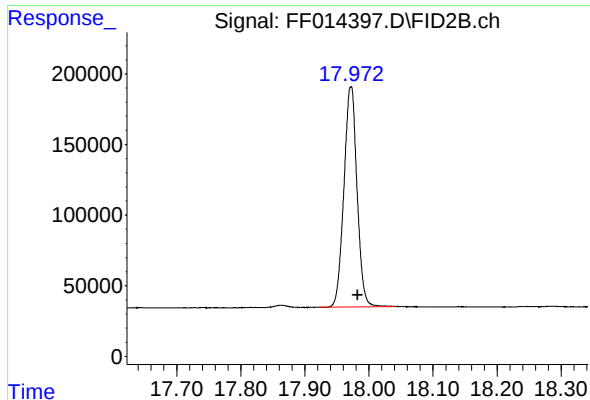
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.009 min
Response: 2304056
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.008 min
Response: 2213749
Conc: 20.08 ug/ml



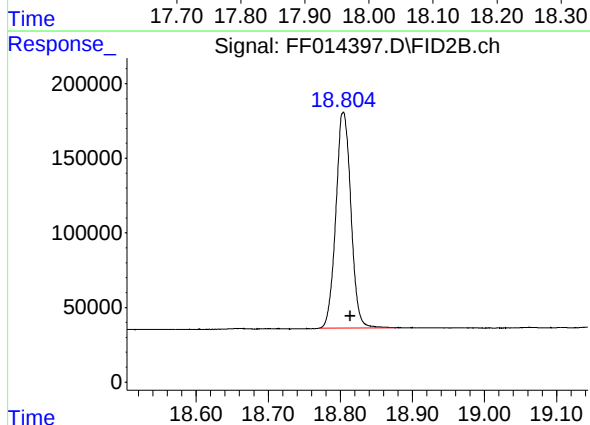
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.010 min
Response: 2208245
Conc: 19.78 ug/ml

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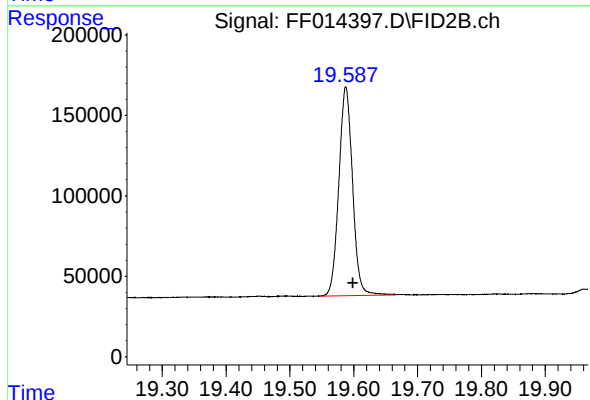
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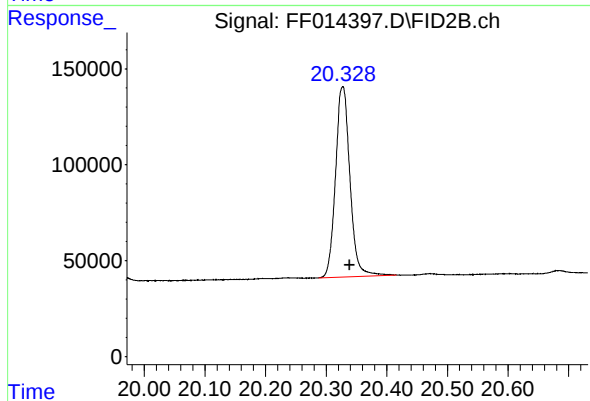
#18 n-Dotriacontane (C32)

R.T.: 18.804 min
Delta R.T.: -0.010 min
Response: 2101429
Conc: 19.15 ug/ml



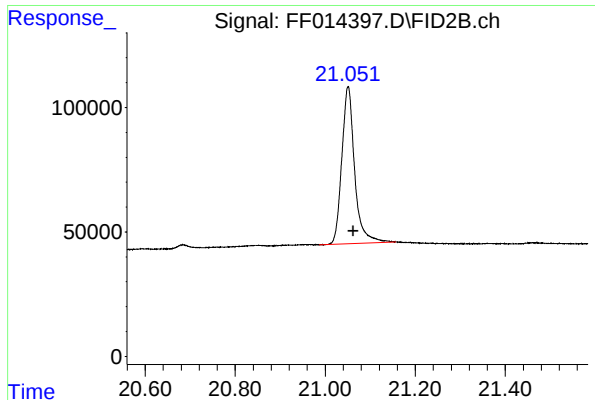
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.011 min
Response: 1931695
Conc: 18.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.011 min
Response: 1638878
Conc: 18.36 ug/ml m



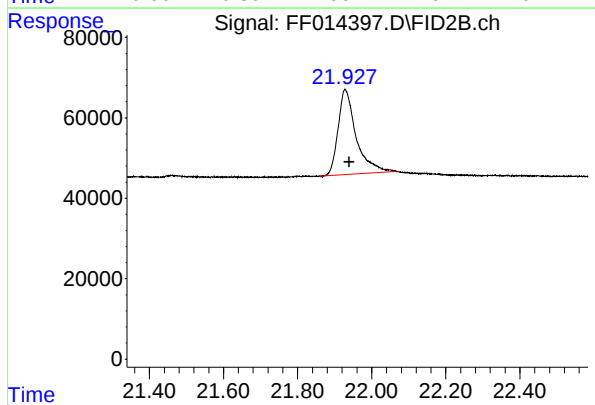
#21 n-Octatriacontane (C38)

R.T.: 21.051 min
Delta R.T.: -0.011 min
Response: 1245687
Conc: 18.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.928 min
Delta R.T.: -0.011 min
Response: 716433
Conc: 16.01 ug/ml