

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091324AL\
 Data File : FF014499.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 12:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 04:21:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:07:41 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)	11.799	2683149	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.241	1988046	18.689 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.201	2224547	18.753 ug/ml
2) T n-Decane (C10)	4.451	2248597	18.766 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2348211	19.009 ug/ml
4) T n-Dodecane (C12)	6.616	2306608	18.715 ug/ml
5) T A~2-methylnaphthalene...	7.240	2162382	19.358 ug/ml
6) T n-Tetradecane (C14)	8.442	2254708	18.866 ug/ml
7) T n-Hexadecane (C16)	10.047	2312626	18.969 ug/ml
8) T n-Octadecane (C18)	11.489	2408500	18.855 ug/ml
10) T n-Eicosane (C20)	12.798	2373708	18.770 ug/ml
11) T n-Heneicosane (C21)	13.409	2354543	18.836 ug/ml
13) T n-Docosane (C22)	13.997	2334728	18.898 ug/ml
14) T n-Tetracosane (C24)	15.099	2325383	19.012 ug/ml
15) T n-Hexacosane (C26)	16.118	2274300	18.997 ug/ml
16) T n-Octacosane (C28)	17.067	2204663	18.990 ug/ml
17) T n-Tricontane (C30)	17.953	2204918	18.819 ug/ml
18) T n-Dotriacontane (C32)	18.787	2089486	18.809 ug/ml
19) T n-Tetratriacontane (C34)	19.568	1808903	18.829 ug/ml
20) T n-Hexatriacontane (C36)	20.306	1536729	18.927 ug/ml
21) T n-Octatriacontane (C38)	21.025	1317247	18.067 ug/ml
22) T n-Tetracontane (C40)	21.897	1073775	17.063 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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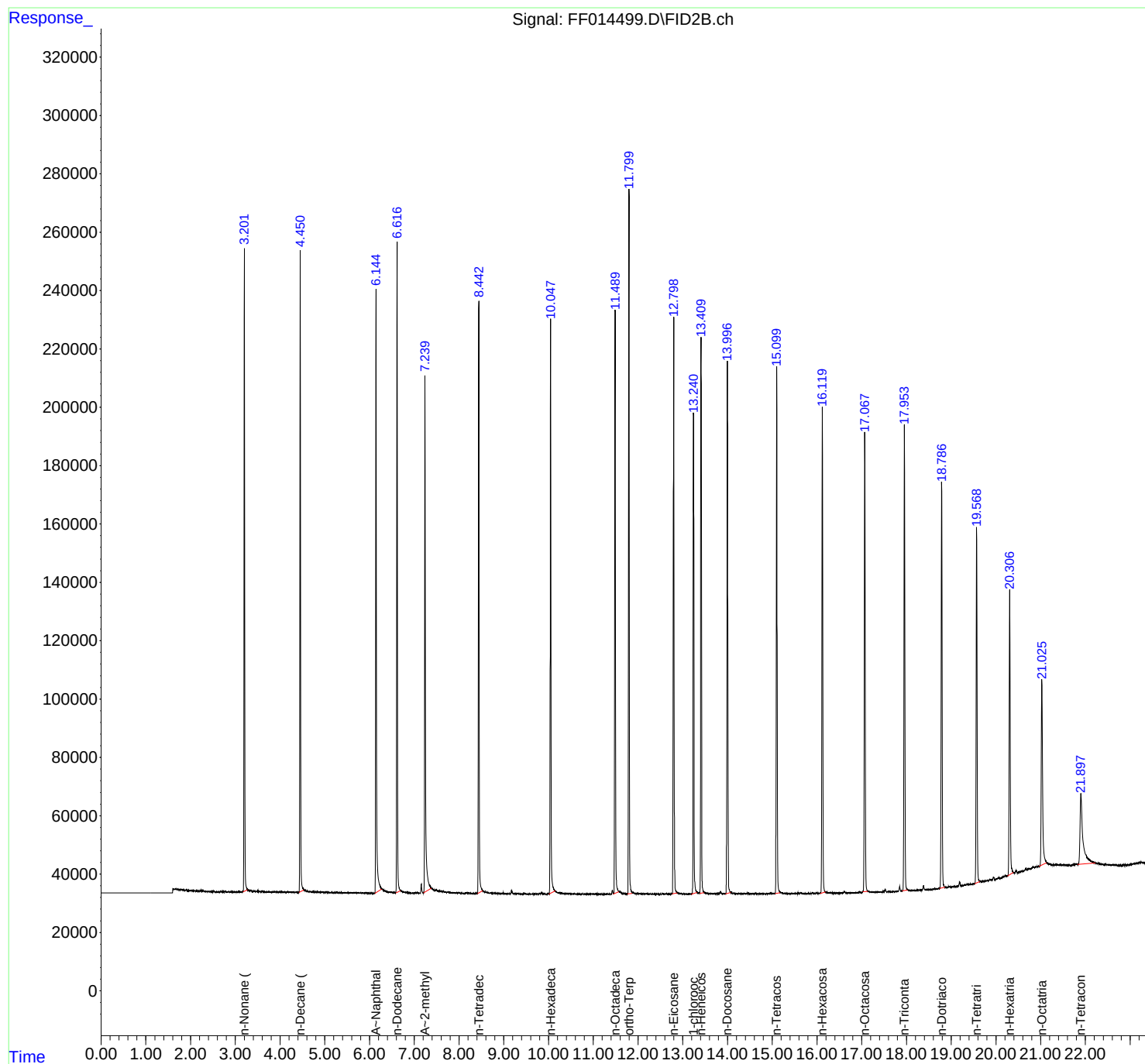
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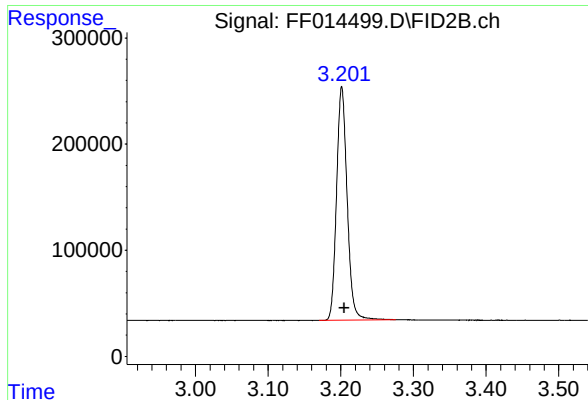
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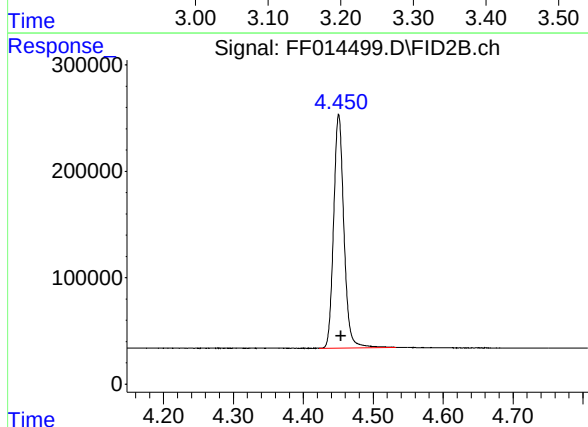
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: -0.004 min
Response: 2224547
Conc: 18.75 ug/ml

Instrument : FID_F
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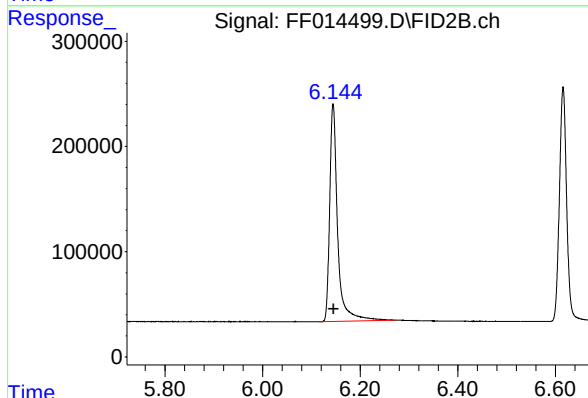
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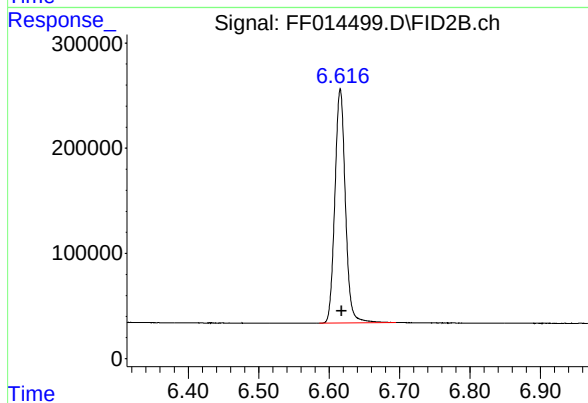
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.003 min
Response: 2248597
Conc: 18.77 ug/ml



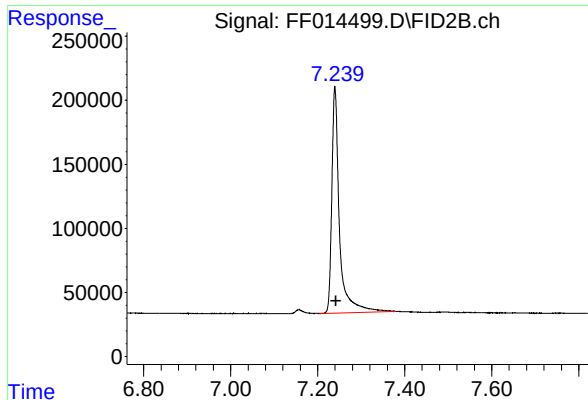
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 2348211
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 2306608
Conc: 18.72 ug/ml



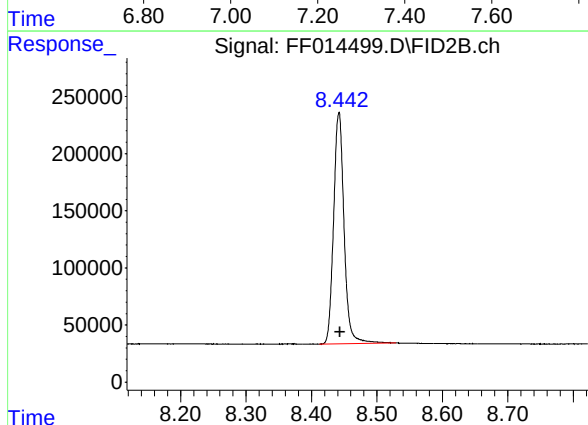
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 2162382
Conc: 19.36 ug/ml

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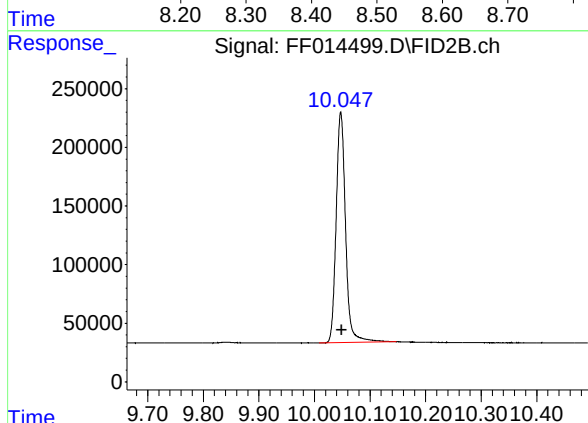
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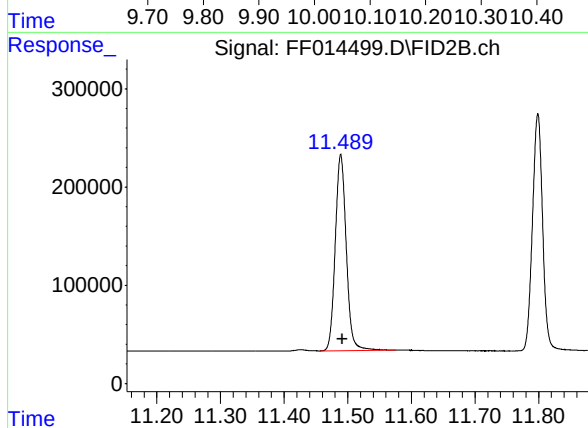
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.001 min
Response: 2254708
Conc: 18.87 ug/ml



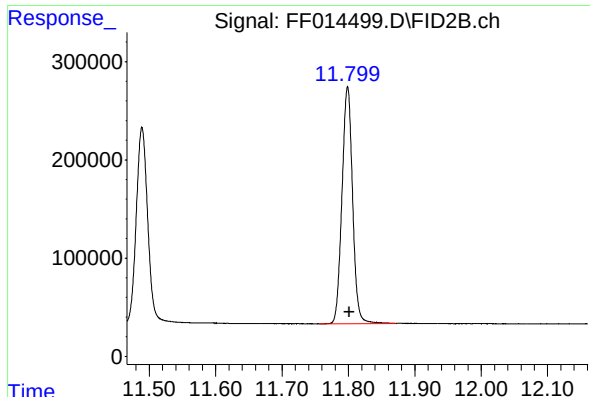
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.002 min
Response: 2312626
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 2408500
Conc: 18.86 ug/ml



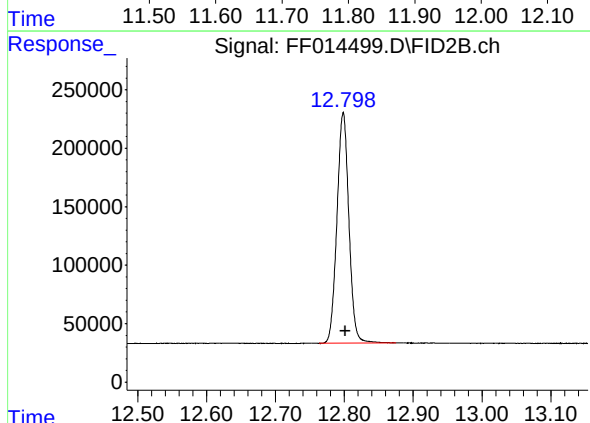
#9 ortho-Terphenyl (SURR)

R.T.: 11.799 min
Delta R.T.: -0.002 min
Response: 2683149
Conc: 18.79 ug/ml

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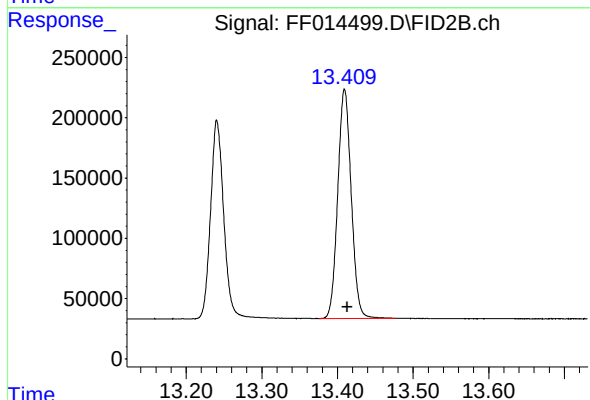
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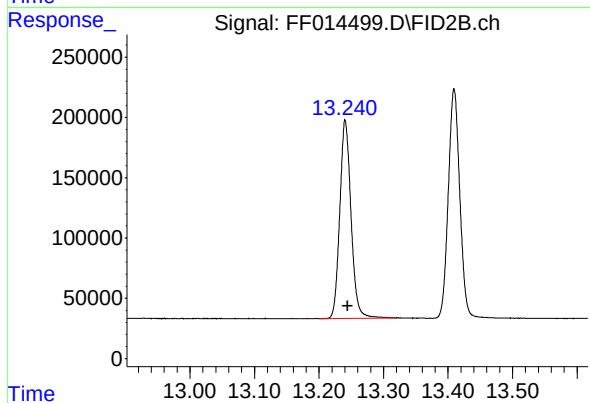
#10 n-Eicosane (C20)

R.T.: 12.798 min
Delta R.T.: -0.003 min
Response: 2373708
Conc: 18.77 ug/ml



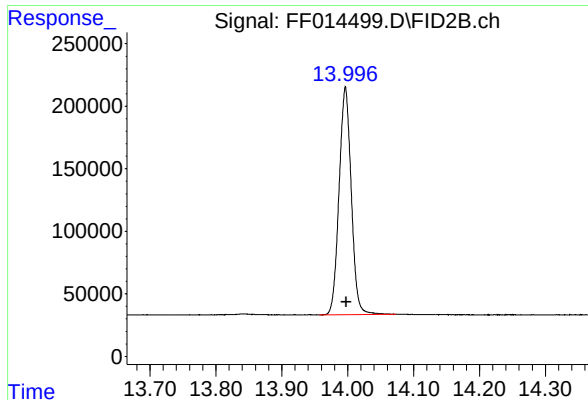
#11 n-Heneicosane (C21)

R.T.: 13.409 min
Delta R.T.: -0.003 min
Response: 2354543
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 1988046
Conc: 18.69 ug/ml



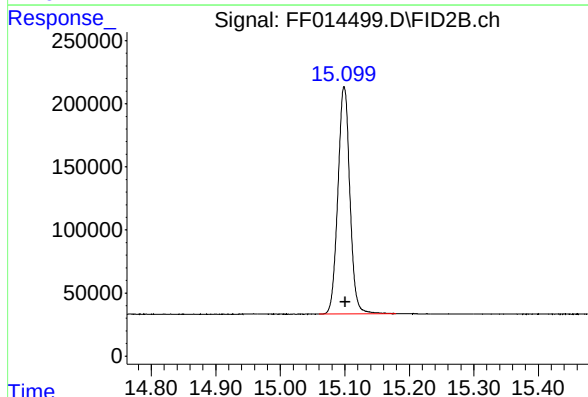
#13 n-Docosane (C22)

R.T.: 13.997 min
Delta R.T.: -0.002 min
Response: 2334728
Conc: 18.90 ug/ml

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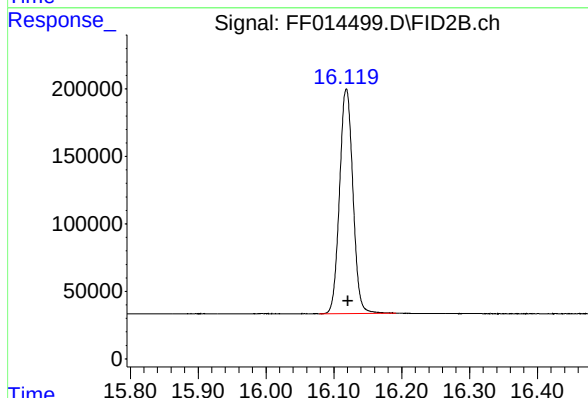
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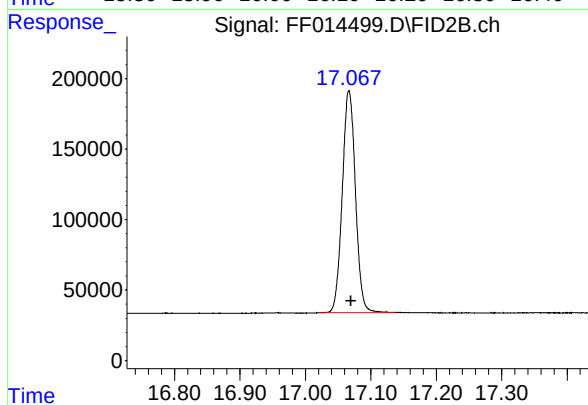
#14 n-Tetracosane (C24)

R.T.: 15.099 min
Delta R.T.: -0.002 min
Response: 2325383
Conc: 19.01 ug/ml



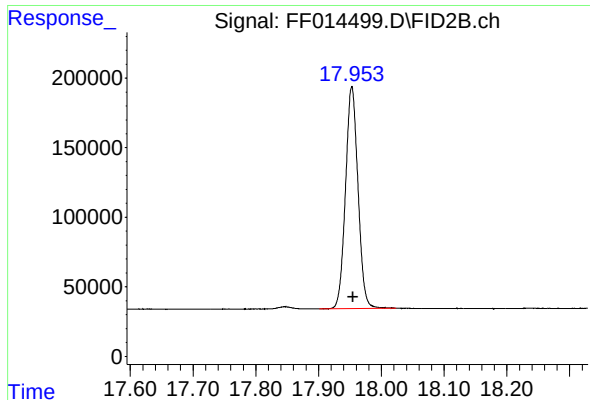
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: -0.002 min
Response: 2274300
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.067 min
Delta R.T.: -0.003 min
Response: 2204663
Conc: 18.99 ug/ml



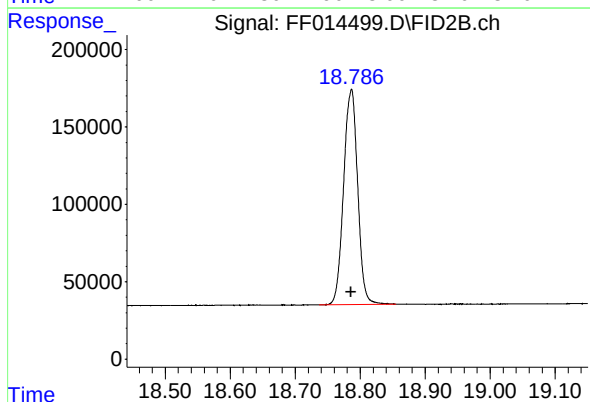
#17 n-Tricontane (C30)

R.T.: 17.953 min
Delta R.T.: -0.002 min
Response: 2204918
Conc: 18.82 ug/ml

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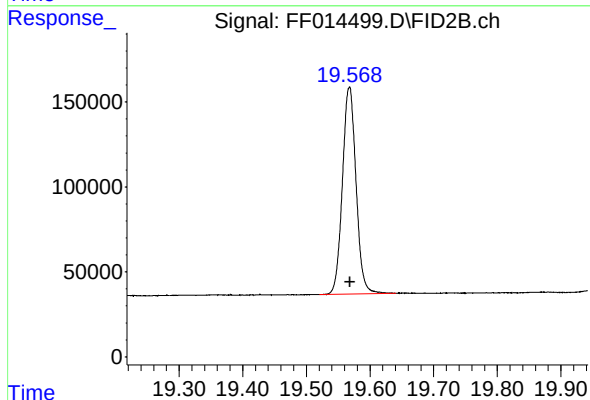
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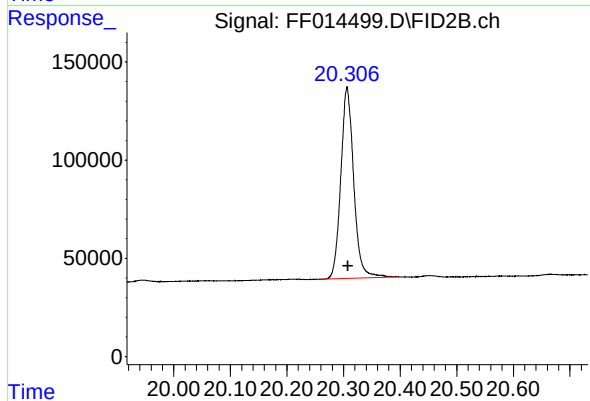
#18 n-Dotriacontane (C32)

R.T.: 18.787 min
Delta R.T.: 0.000 min
Response: 2089486
Conc: 18.81 ug/ml



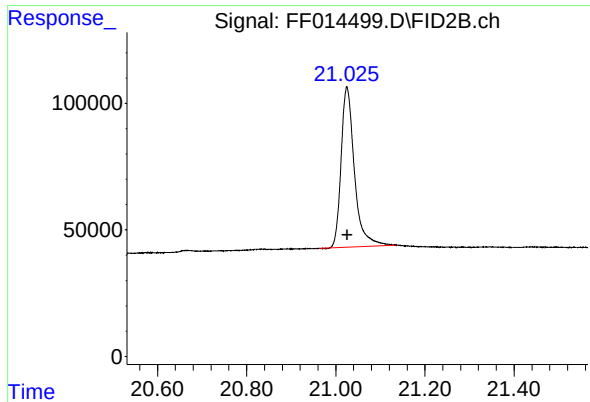
#19 n-Tetratriacontane (C34)

R.T.: 19.568 min
Delta R.T.: 0.000 min
Response: 1808903
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.306 min
Delta R.T.: -0.002 min
Response: 1536729
Conc: 18.93 ug/ml



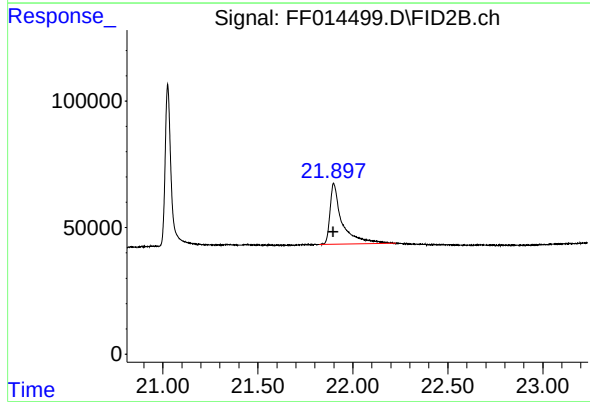
#21 n-Octatriacontane (C38)

R.T.: 21.025 min
Delta R.T.: 0.000 min
Response: 1317247
Conc: 18.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: 0.000 min
Response: 1073775
Conc: 17.06 ug/ml m