

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014597.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 14:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e
 Quant Time: Oct 02 14:35:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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)	11.790	3108481	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	13.232	2419076	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.194	2497221	19.859 ug/ml
2) T n-Decane (C10)	4.442	2544137	19.977 ug/ml
3) T A~Naphthalene (C11.7)	6.136	2668260	20.213 ug/ml
4) T n-Dodecane (C12)	6.608	2581179	20.003 ug/ml
5) T A~2-methylnaphthalene...	7.230	2492596	20.426 ug/ml
6) T n-Tetradecane (C14)	8.434	2567534	19.995 ug/ml
7) T n-Hexadecane (C16)	10.040	2656738	20.192 ug/ml
8) T n-Octadecane (C18)	11.482	2785305	20.220 ug/ml
10) T n-Eicosane (C20)	12.789	2805041	20.178 ug/ml
11) T n-Heneicosane (C21)	13.401	2795160	20.123 ug/ml
13) T n-Docosane (C22)	13.986	2818949	20.061 ug/ml
14) T n-Tetracosane (C24)	15.087	2881591	20.014 ug/ml
15) T n-Hexacosane (C26)	16.108	2912090	20.048 ug/ml
16) T n-Octacosane (C28)	17.056	2960000	20.015 ug/ml
17) T n-Tricontane (C30)	17.941	3135449	20.086 ug/ml
18) T n-Dotriacontane (C32)	18.773	3071942	20.048 ug/ml
19) T n-Tetratriacontane (C34)	19.555	2623383	20.352 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2113019	20.410 ug/mlm
21) T n-Octatriacontane (C38)	21.007	1860153	20.721 ug/ml
22) T n-Tetracontane (C40)	21.867	1498149	19.141 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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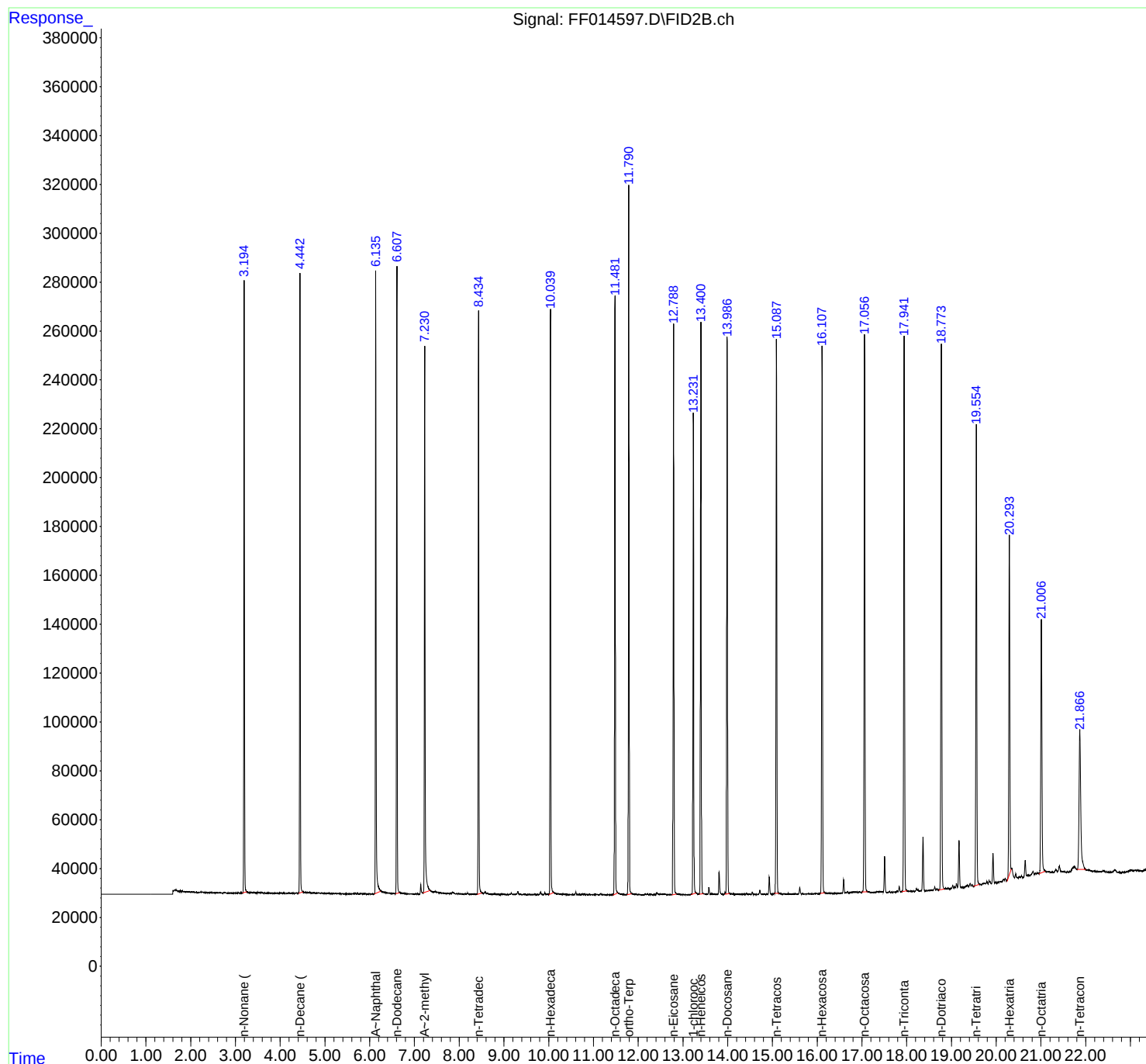
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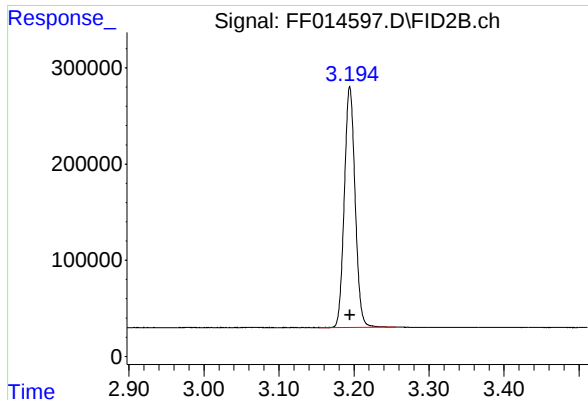
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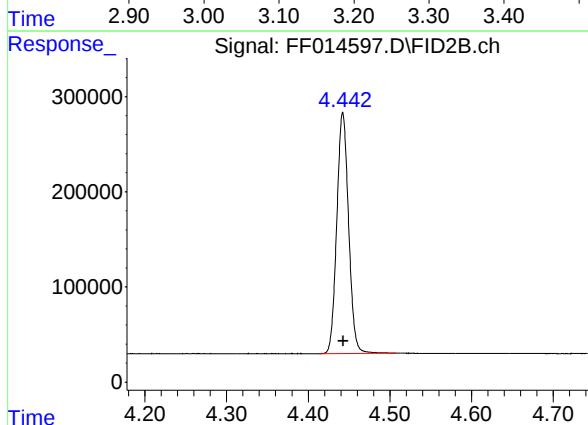
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 2497221
Conc: 19.86 ug/ml

Instrument : FID_F
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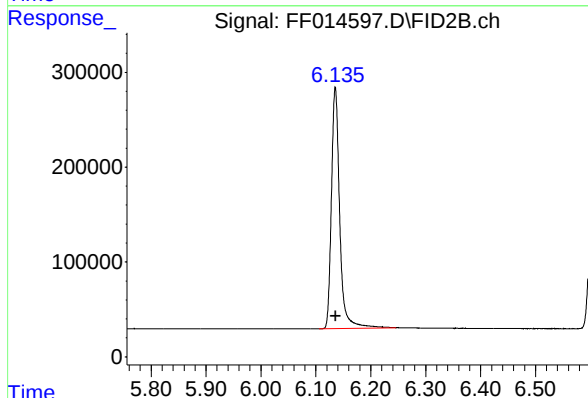
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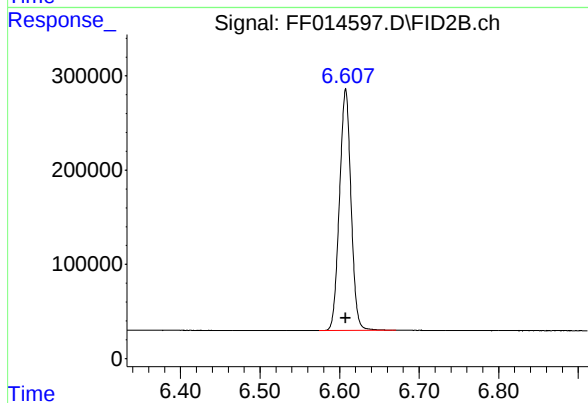
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 2544137
Conc: 19.98 ug/ml



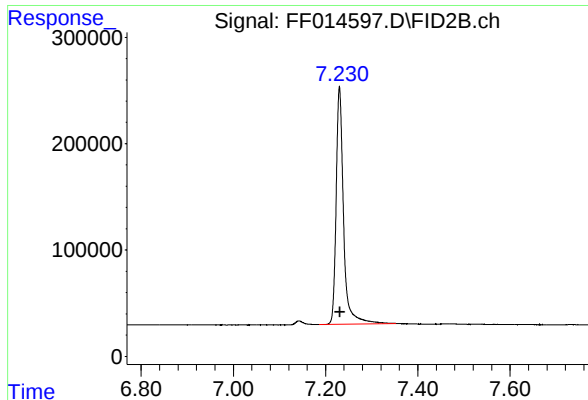
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 2668260
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2581179
Conc: 20.00 ug/ml



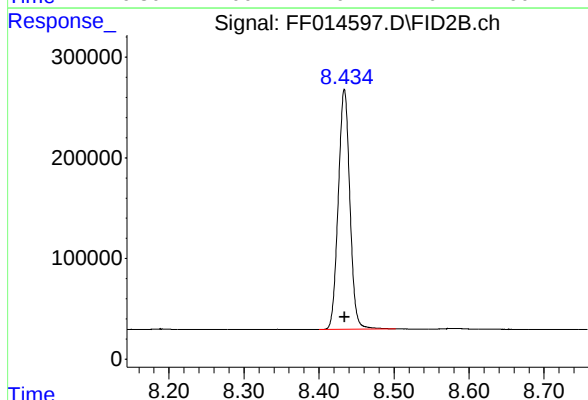
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 2492596
Conc: 20.43 ug/ml

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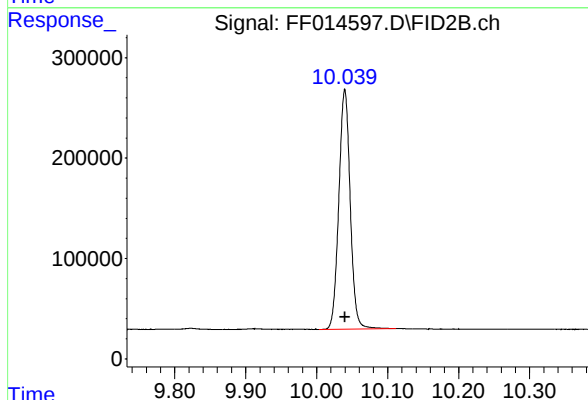
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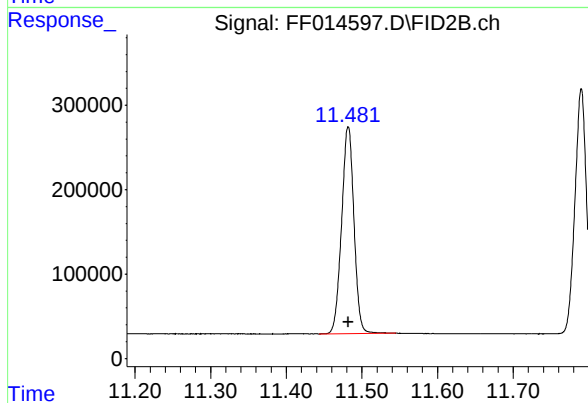
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 2567534
Conc: 19.99 ug/ml



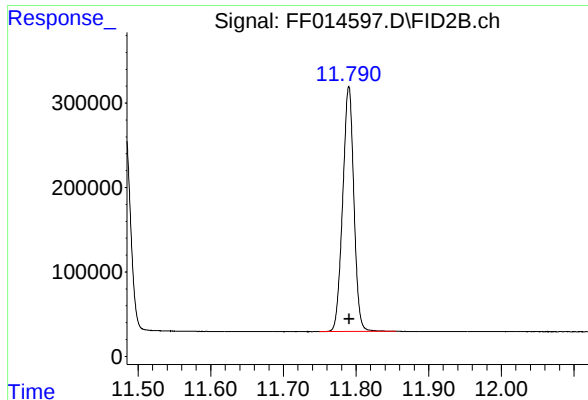
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 2656738
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.000 min
Response: 2785305
Conc: 20.22 ug/ml



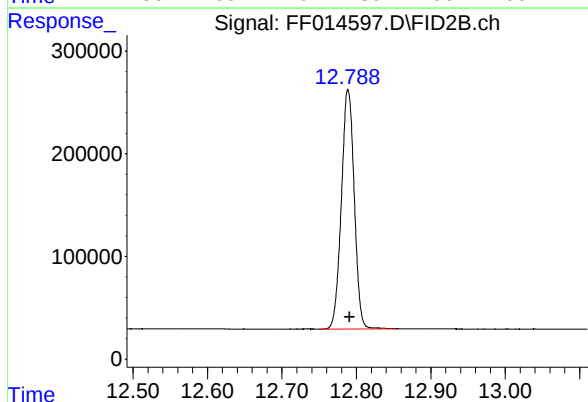
#9 ortho-Terphenyl (SURR)

R.T.: 11.790 min
Delta R.T.: 0.000 min
Response: 3108481
Conc: 20.05 ug/ml

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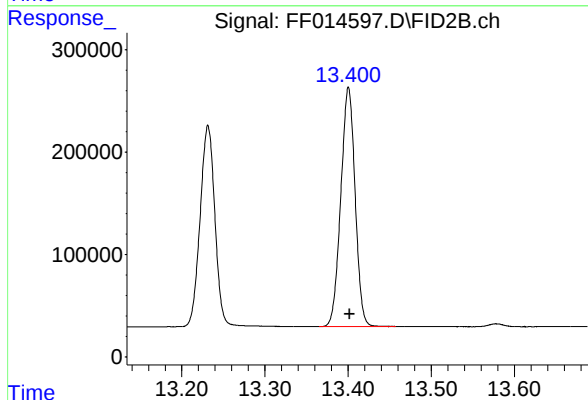
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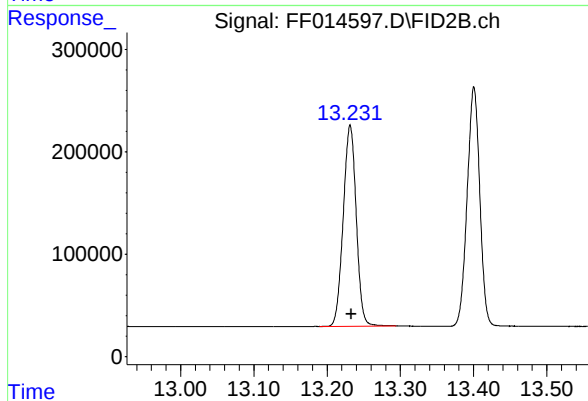
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 2805041
Conc: 20.18 ug/ml



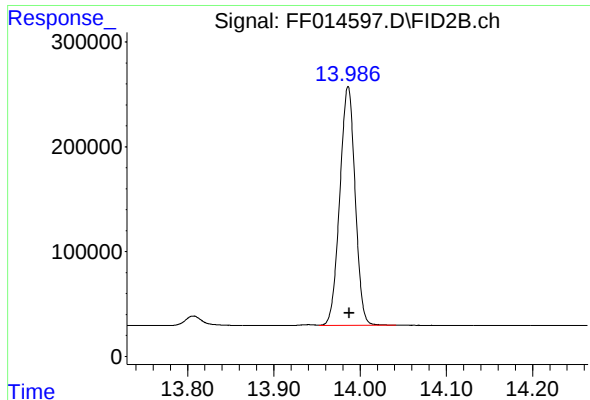
#11 n-Heneicosane (C21)

R.T.: 13.401 min
Delta R.T.: -0.001 min
Response: 2795160
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.002 min
Response: 2419076
Conc: 20.19 ug/ml



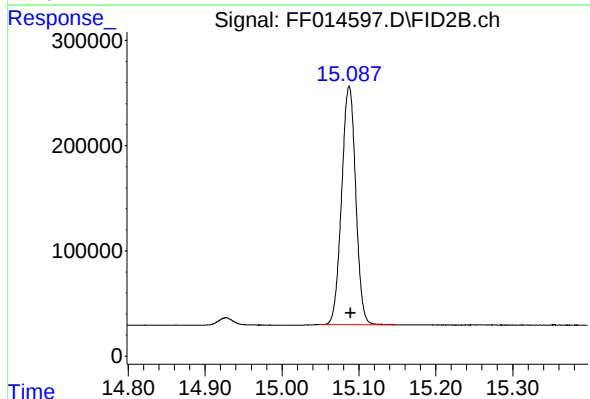
#13 n-Docosane (C22)

R.T.: 13.986 min
Delta R.T.: -0.001 min
Response: 2818949
Conc: 20.06 ug/ml

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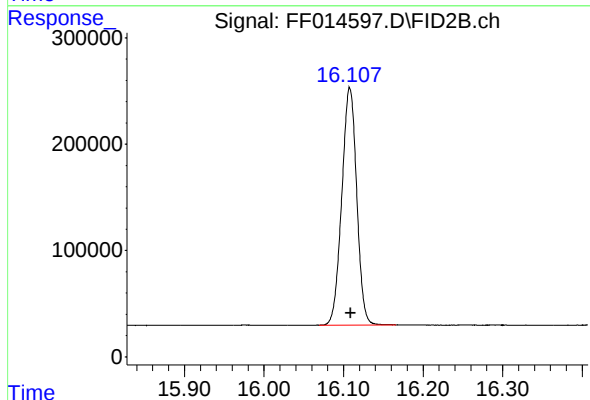
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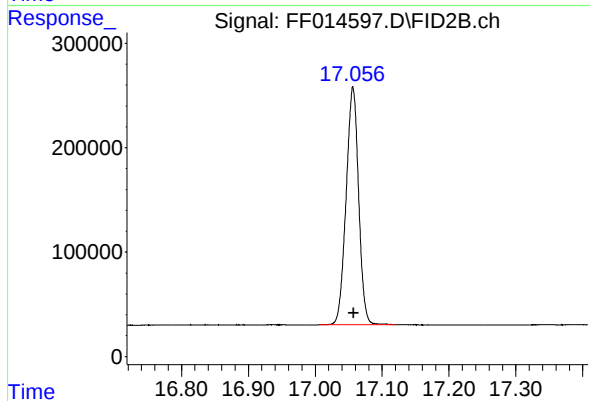
#14 n-Tetracosane (C24)

R.T.: 15.087 min
Delta R.T.: -0.002 min
Response: 2881591
Conc: 20.01 ug/ml



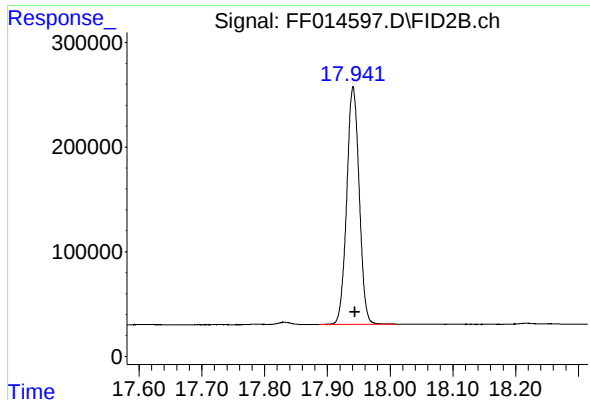
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: -0.001 min
Response: 2912090
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.056 min
Delta R.T.: -0.001 min
Response: 2960000
Conc: 20.01 ug/ml



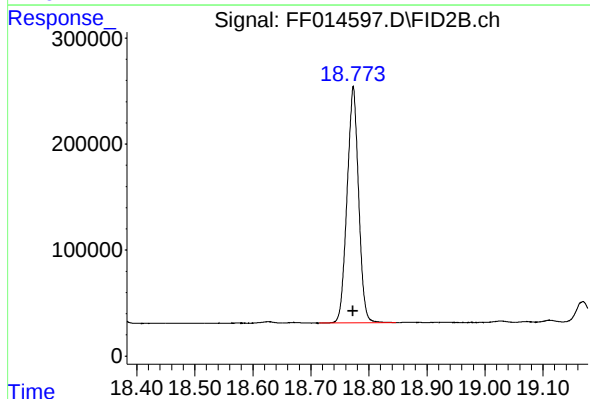
#17 n-Tricontane (C30)

R.T.: 17.941 min
Delta R.T.: -0.003 min
Response: 3135449
Conc: 20.09 ug/ml

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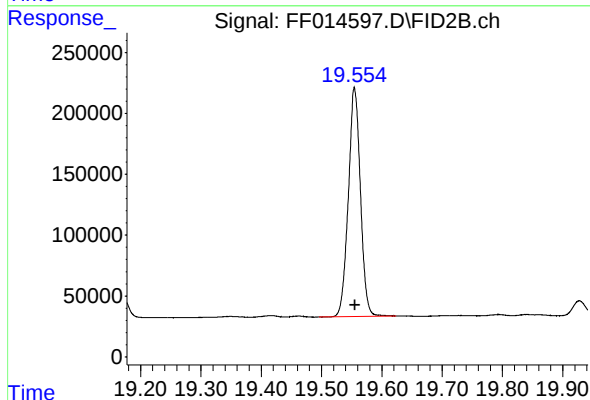
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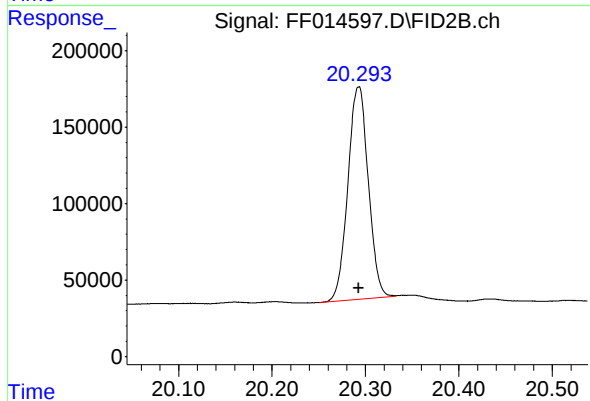
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 3071942
Conc: 20.05 ug/ml



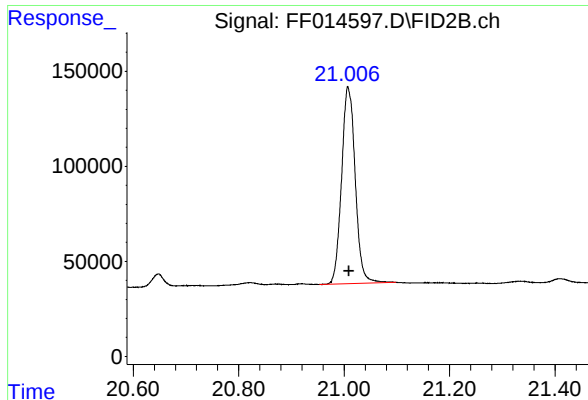
#19 n-Tetratriacontane (C34)

R.T.: 19.555 min
Delta R.T.: 0.000 min
Response: 2623383
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2113019
Conc: 20.41 ug/ml m



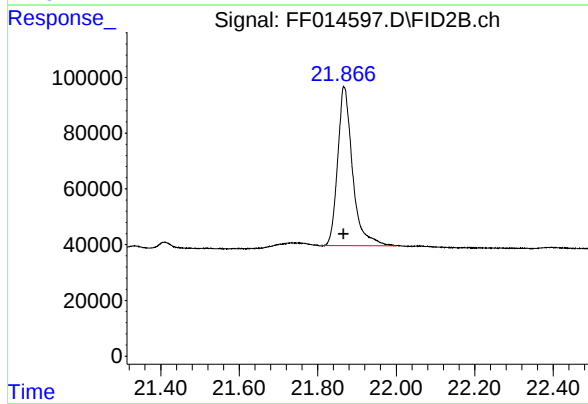
#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: -0.002 min
Response: 1860153
Conc: 20.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.000 min
Response: 1498149
Conc: 19.14 ug/ml