

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014040.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 14:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:57:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 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)	11.840	2651201	19.530 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	13.286	1929439	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.217	2572200	19.737 ug/ml
2) T n-Decane (C10)	4.468	2617655	19.714 ug/ml
3) T A~Naphthalene (C11.7)	6.169	2706934	19.656 ug/ml
4) T n-Dodecane (C12)	6.639	2594512	19.573 ug/ml
5) T A~2-methylnaphthalene...	7.268	2533843	19.452 ug/ml
6) T n-Tetradecane (C14)	8.472	2537581	19.558 ug/ml
7) T n-Hexadecane (C16)	10.083	2557844	19.436 ug/ml
8) T n-Octadecane (C18)	11.529	2556994	19.503 ug/ml
10) T n-Eicosane (C20)	12.843	2417881	19.487 ug/ml
11) T n-Heneicosane (C21)	13.455	2364963	19.491 ug/ml
13) T n-Docosane (C22)	14.043	2339270	19.490 ug/ml
14) T n-Tetracosane (C24)	15.149	2322353	19.590 ug/ml
15) T n-Hexacosane (C26)	16.173	2289591	19.688 ug/ml
16) T n-Octacosane (C28)	17.126	2252347	19.767 ug/ml
17) T n-Tricontane (C30)	18.015	2288928	19.753 ug/ml
18) T n-Dotriacontane (C32)	18.850	2243039	19.585 ug/mlm
19) T n-Tetratriacontane (C34)	19.635	2154894	18.990 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2005528	17.913 ug/ml
21) T n-Octatriacontane (C38)	21.111	1849551	15.983 ug/ml
22) T n-Tetracontane (C40)	22.008	1639556	14.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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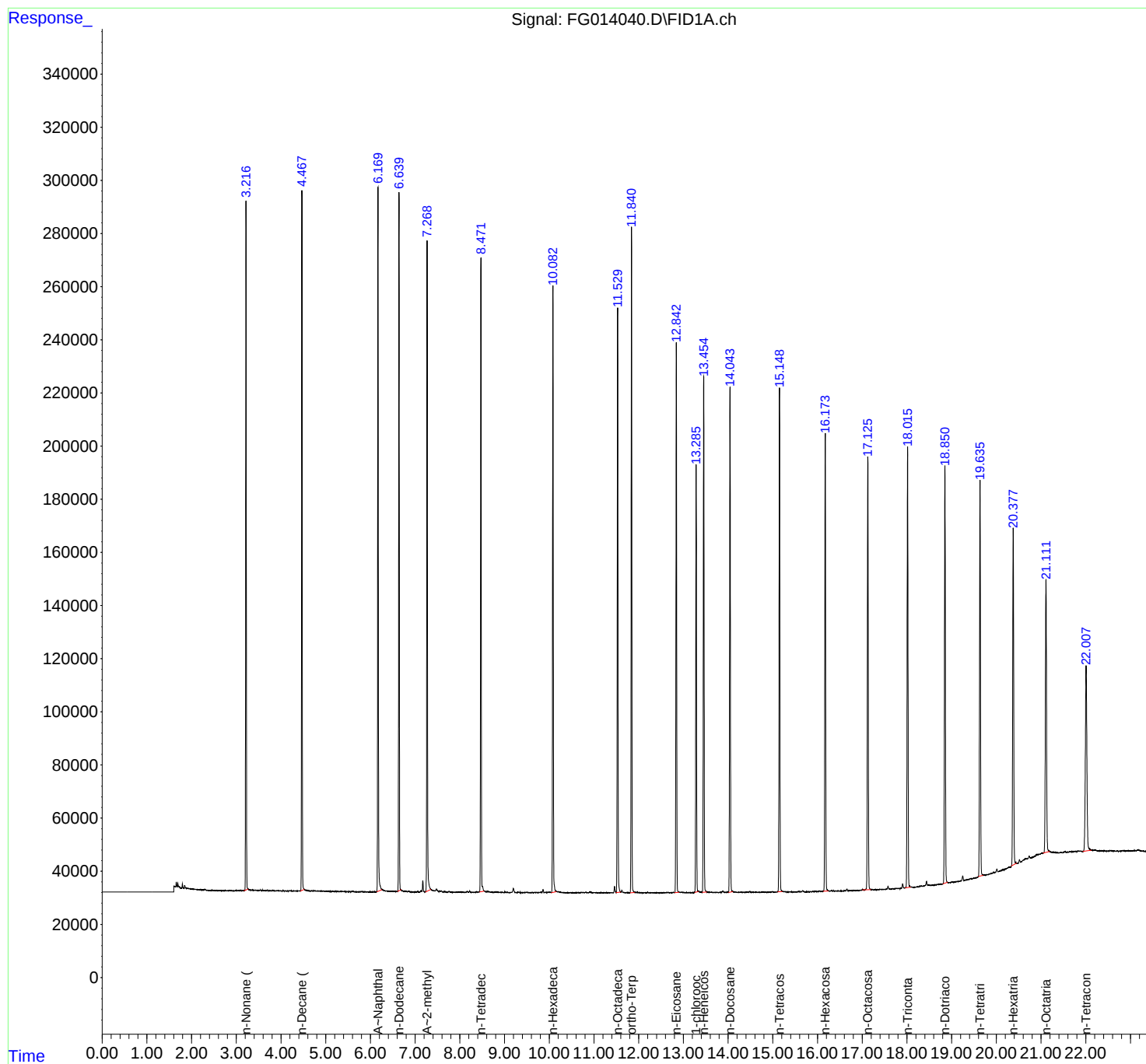
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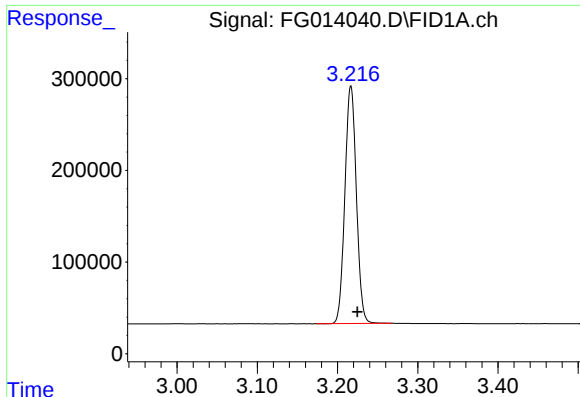
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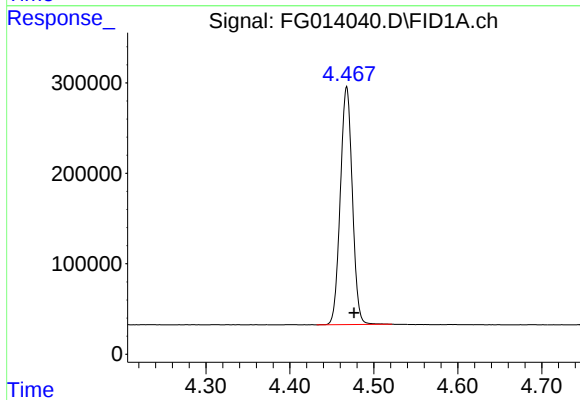
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 2572200
Conc: 19.74 ug/ml

Instrument :
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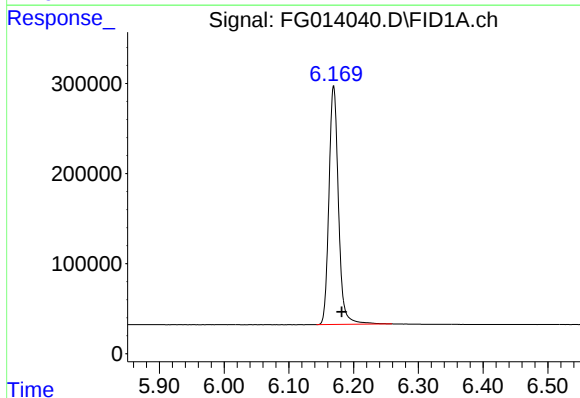
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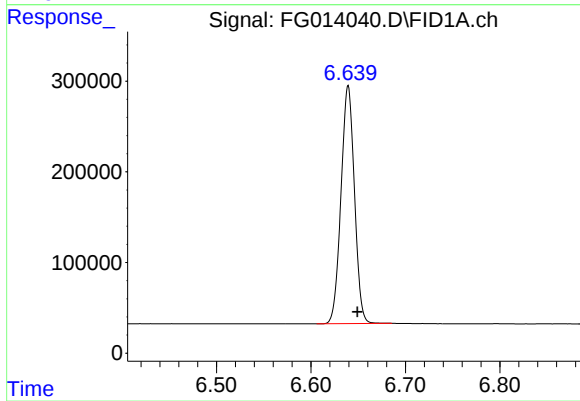
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.009 min
Response: 2617655
Conc: 19.71 ug/ml



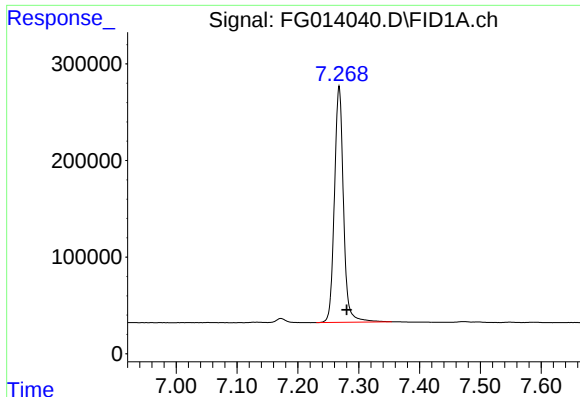
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: -0.013 min
Response: 2706934
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 2594512
Conc: 19.57 ug/ml



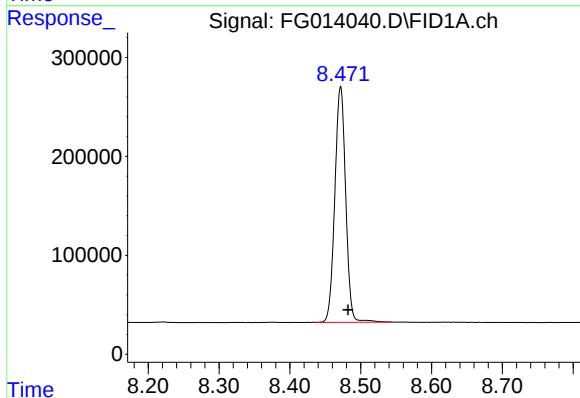
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.268 min
Delta R.T.: -0.013 min
Response: 2533843
Conc: 19.45 ug/ml

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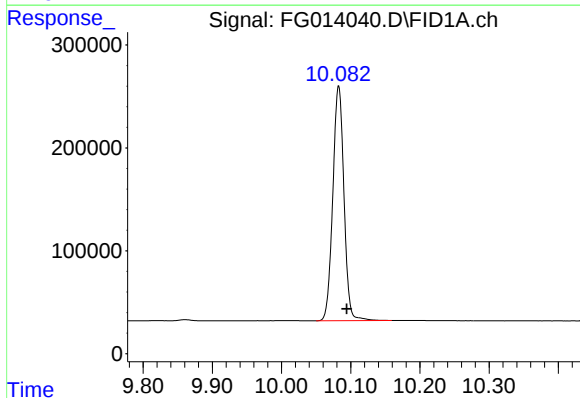
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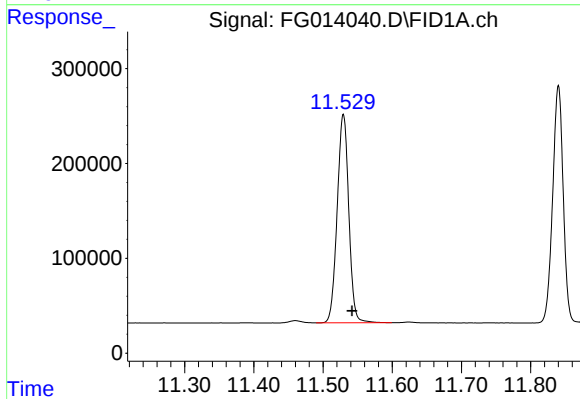
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.010 min
Response: 2537581
Conc: 19.56 ug/ml



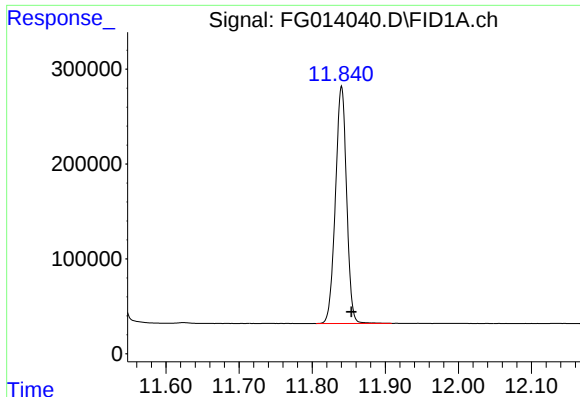
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.012 min
Response: 2557844
Conc: 19.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.013 min
Response: 2556994
Conc: 19.50 ug/ml



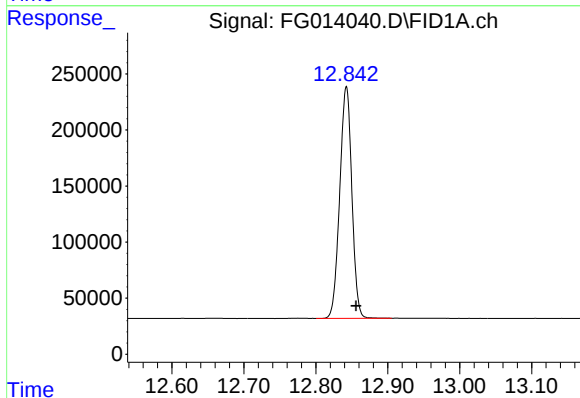
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.014 min
Response: 2651201
Conc: 19.53 ug/ml

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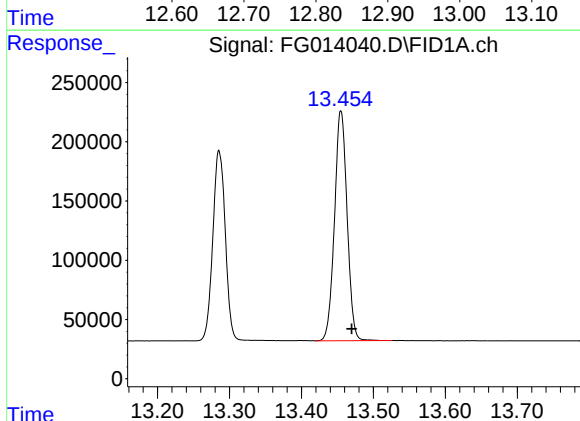
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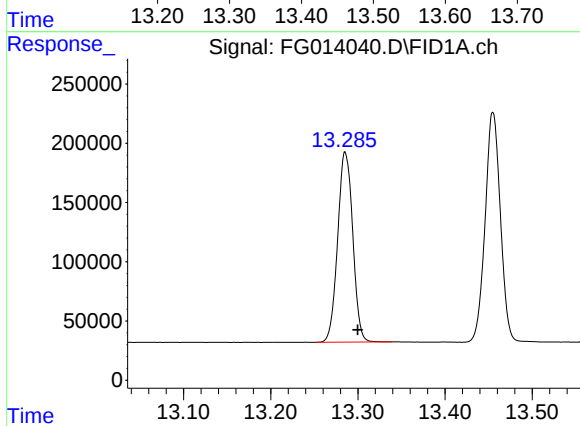
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.013 min
Response: 2417881
Conc: 19.49 ug/ml



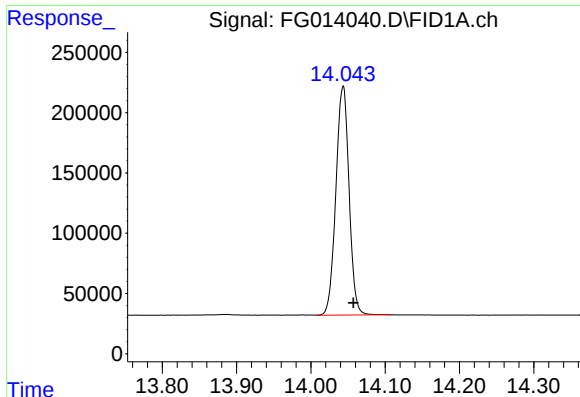
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 2364963
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.015 min
Response: 1929439
Conc: 19.09 ug/ml



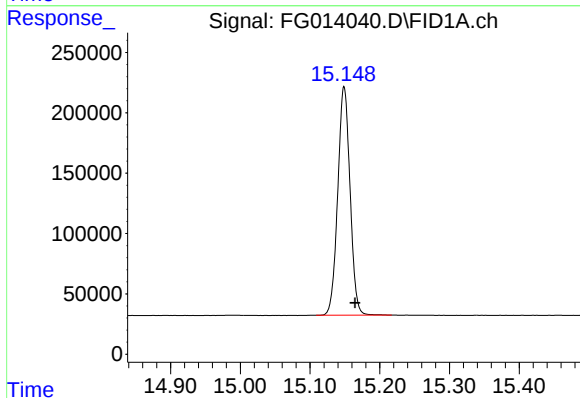
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 2339270
Conc: 19.49 ug/ml

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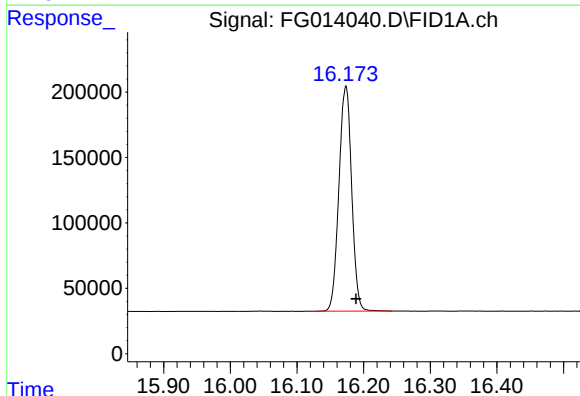
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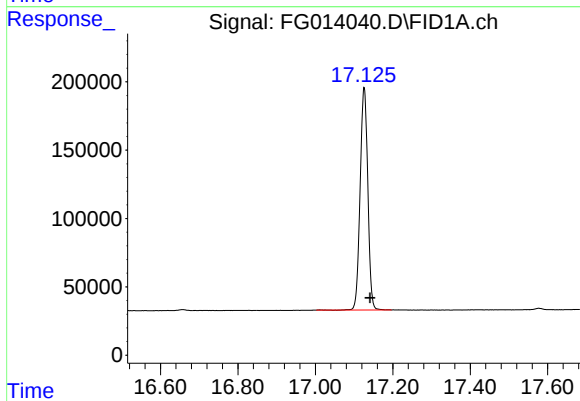
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 2322353
Conc: 19.59 ug/ml



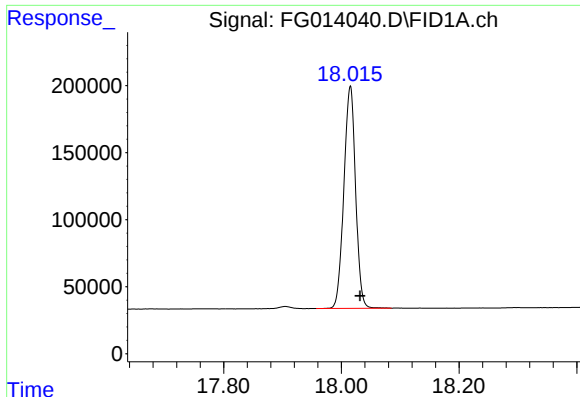
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.015 min
Response: 2289591
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.015 min
Response: 2252347
Conc: 19.77 ug/ml



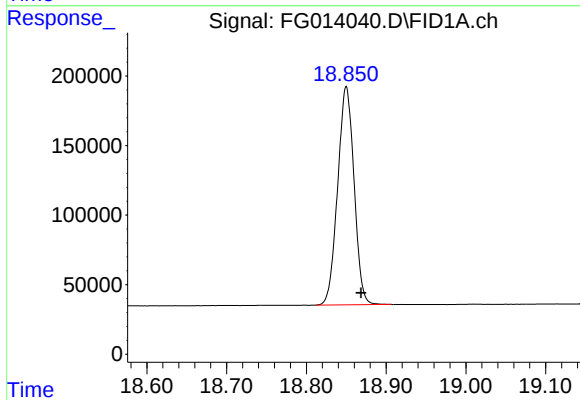
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.017 min
Response: 2288928
Conc: 19.75 ug/ml

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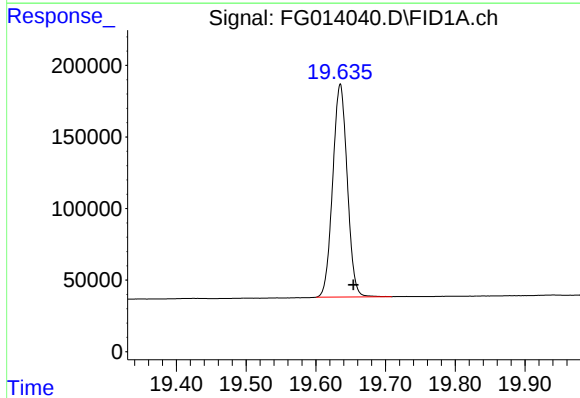
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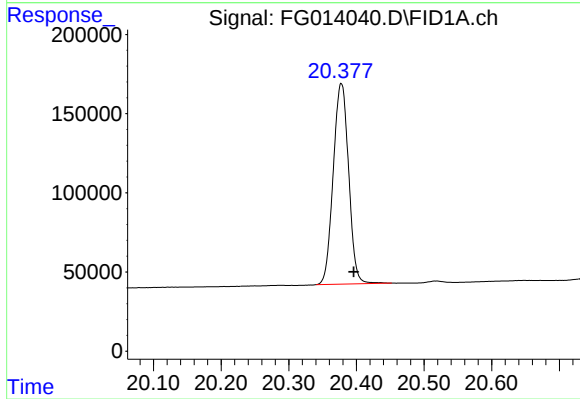
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.019 min
Response: 2243039
Conc: 19.59 ug/ml m



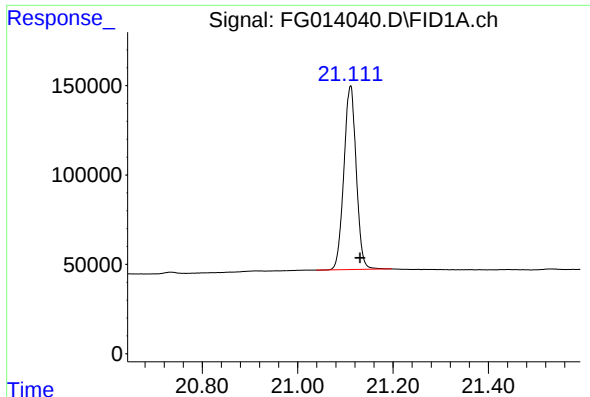
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.019 min
Response: 2154894
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.018 min
Response: 2005528
Conc: 17.91 ug/ml



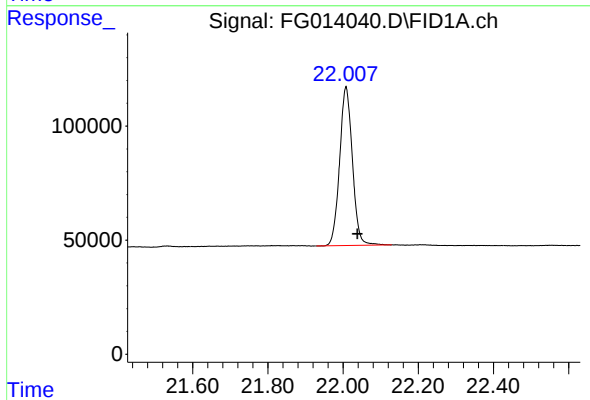
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.020 min
Response: 1849551
Conc: 15.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.031 min
Response: 1639556
Conc: 14.09 ug/ml