

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013975.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 13:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :Ankita Jodhani 07/30/2024

Integration File: autoint1.e
 Quant Time: Jul 30 03:51:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 03:50:40 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)	11.854	2697554	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.300	2005468	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.225	2596192	20.000 ug/ml
2) T n-Decane (C10)	4.476	2646363	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2758272	20.000 ug/ml
4) T n-Dodecane (C12)	6.649	2641496	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.281	2609799	20.000 ug/ml
6) T n-Tetradecane (C14)	8.482	2581935	20.000 ug/ml
7) T n-Hexadecane (C16)	10.094	2617530	20.000 ug/ml
8) T n-Octadecane (C18)	11.542	2605740	20.000 ug/ml
10) T n-Eicosane (C20)	12.856	2462268	20.000 ug/ml
11) T n-Heneicosane (C21)	13.470	2409617	20.000 ug/ml
13) T n-Docosane (C22)	14.057	2379652	20.000 ug/ml
14) T n-Tetracosane (C24)	15.165	2352563	20.000 ug/ml
15) T n-Hexacosane (C26)	16.189	2310746	20.000 ug/ml
16) T n-Octacosane (C28)	17.141	2260533	20.000 ug/ml
17) T n-Tricontane (C30)	18.032	2297936	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.868	2261554	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2249974	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.396	2217932	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.131	2333738	20.000 ug/ml
22) T n-Tetracontane (C40)	22.039	2298934	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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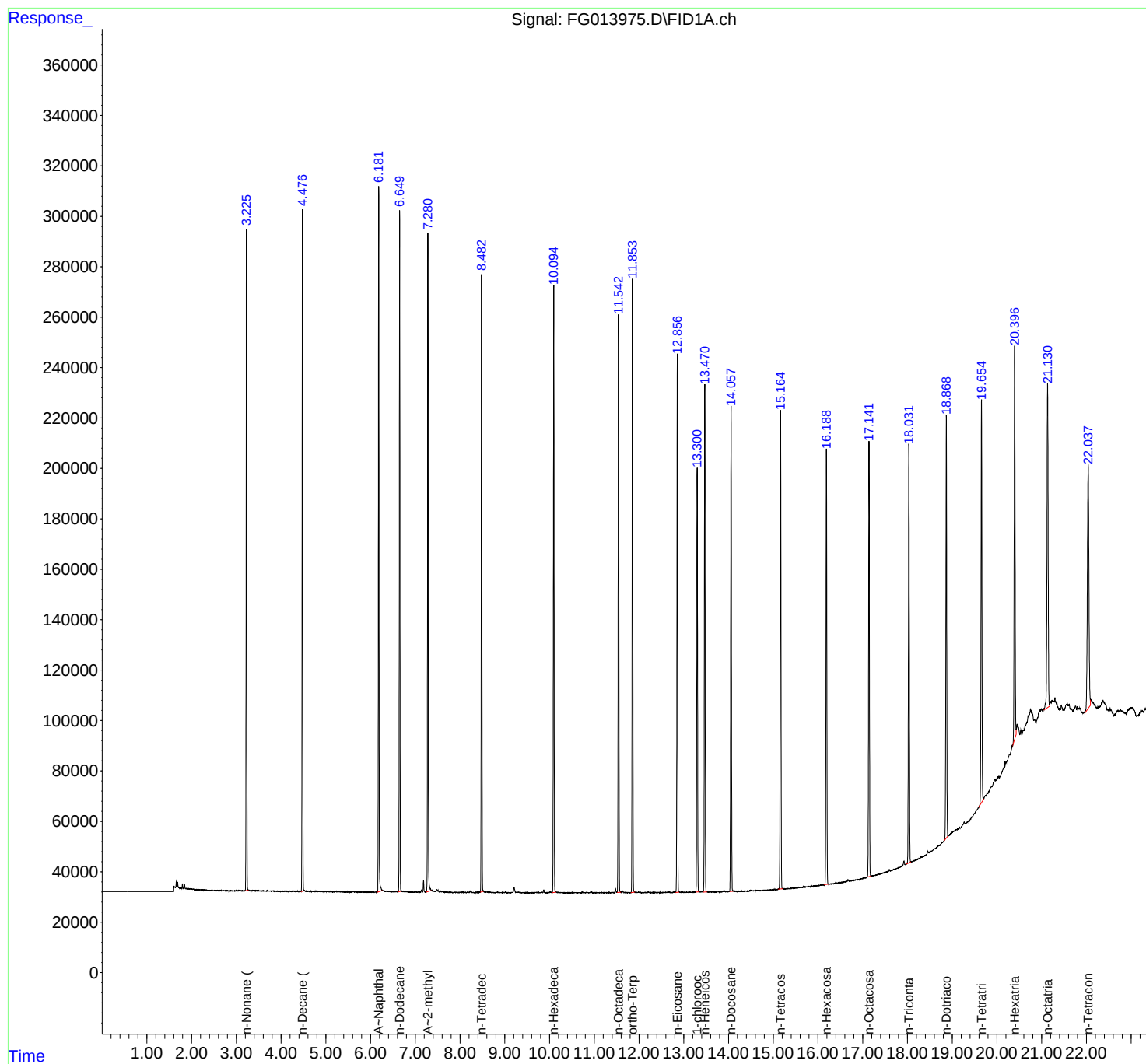
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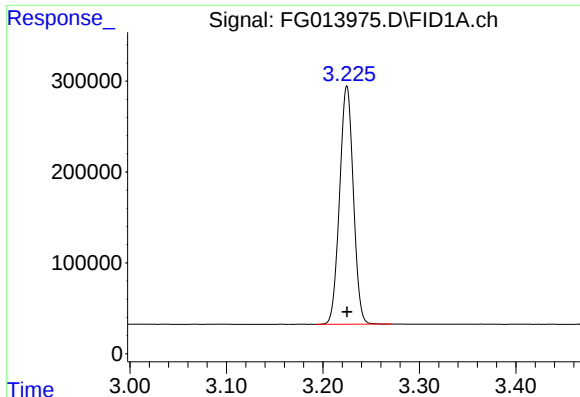
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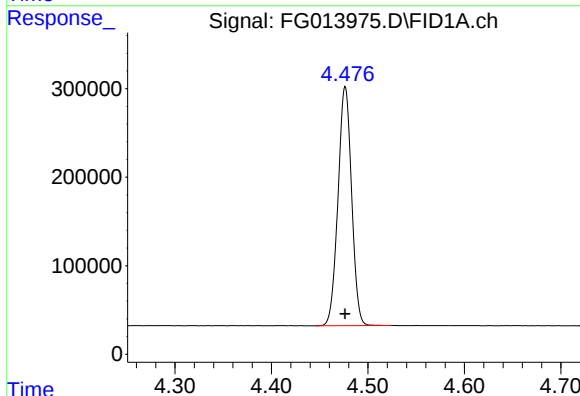
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 2596192
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3

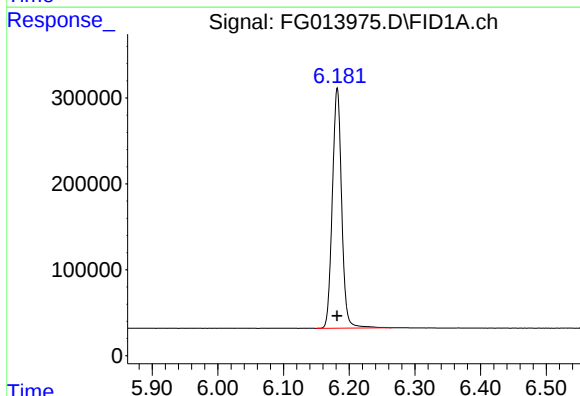
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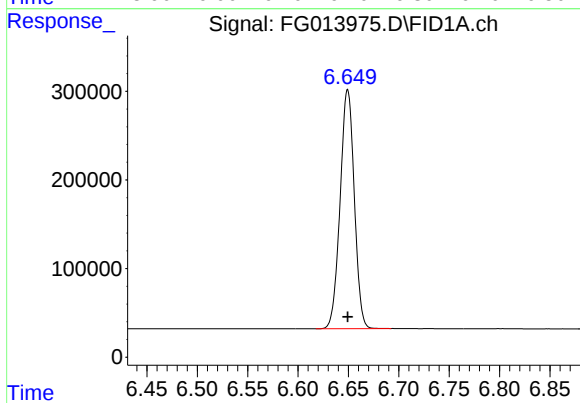
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 2646363
Conc: 20.00 ug/ml



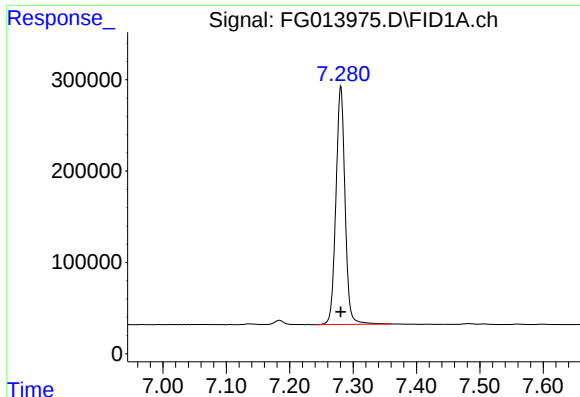
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 2758272
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 2641496
Conc: 20.00 ug/ml



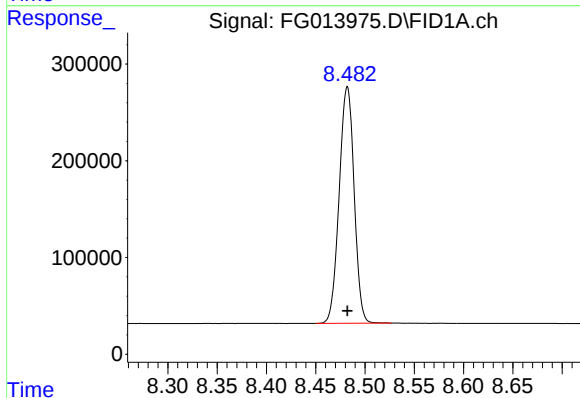
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 2609799
Conc: 20.00 ug/ml

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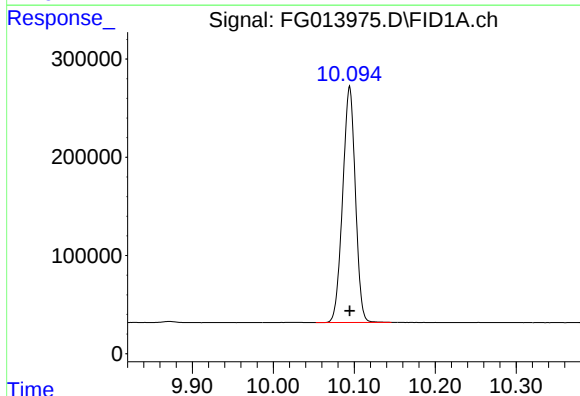
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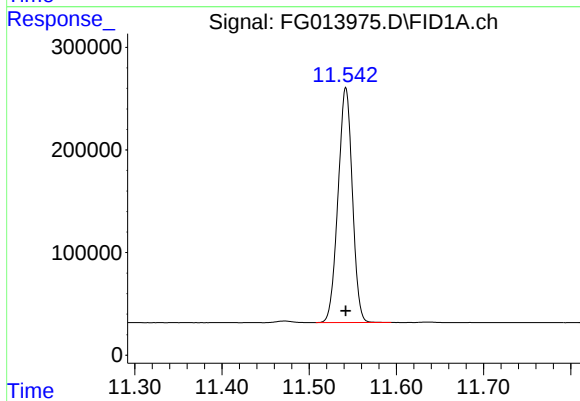
#6 n-Tetradecane (C14)

R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 2581935
Conc: 20.00 ug/ml



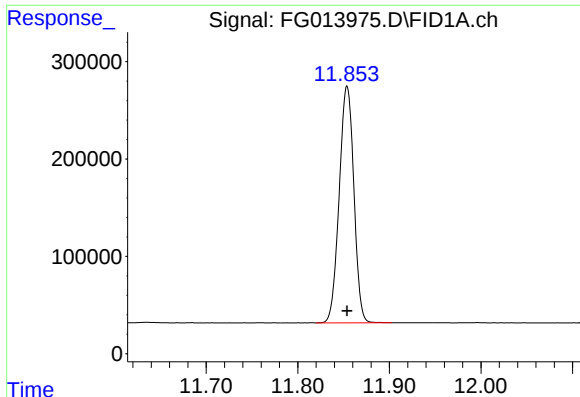
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: 0.000 min
Response: 2617530
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.000 min
Response: 2605740
Conc: 20.00 ug/ml



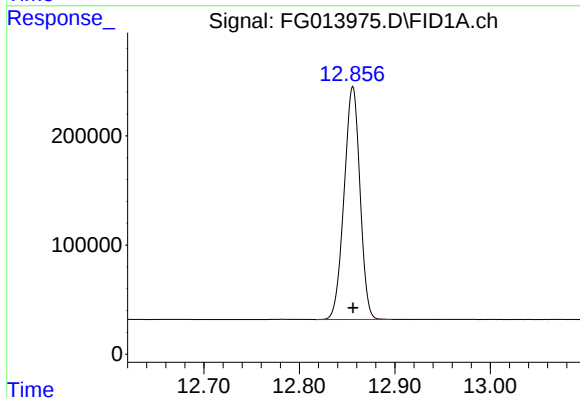
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2697554
Conc: 20.00 ug/ml

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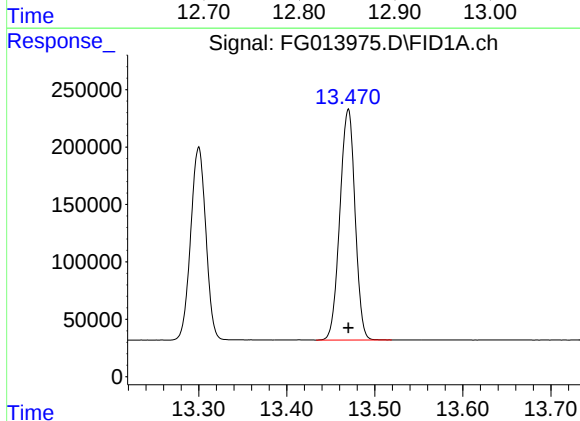
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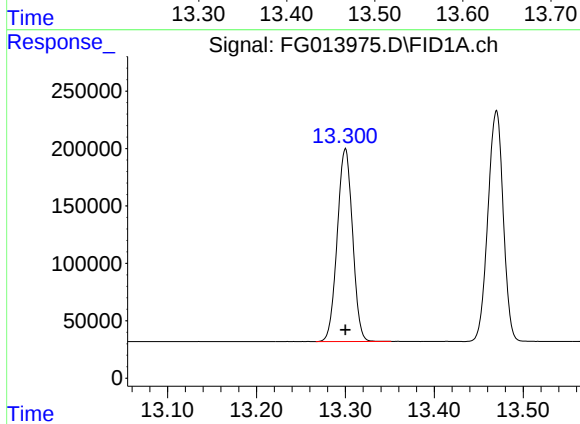
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: 0.000 min
Response: 2462268
Conc: 20.00 ug/ml



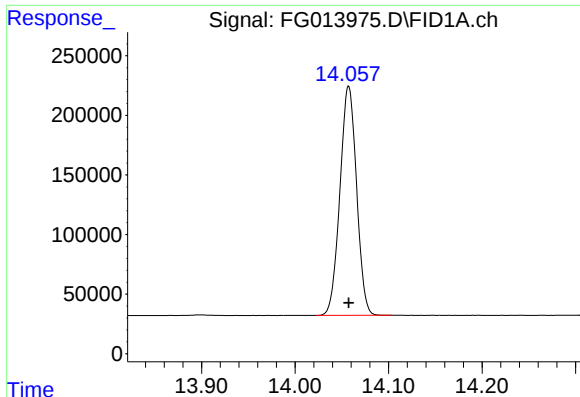
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: 0.000 min
Response: 2409617
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: 0.000 min
Response: 2005468
Conc: 20.00 ug/ml



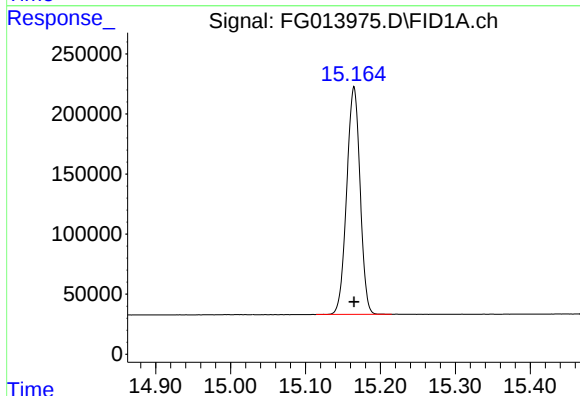
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: 0.000 min
Response: 2379652
Conc: 20.00 ug/ml

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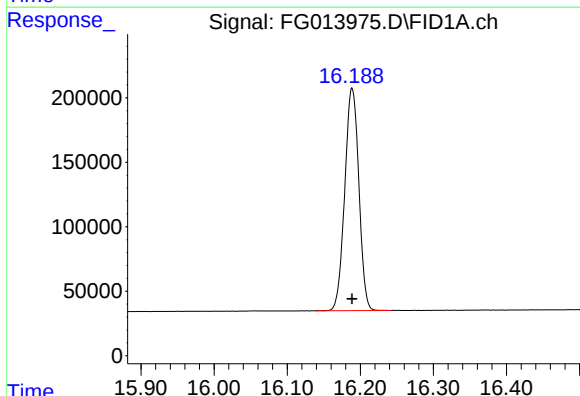
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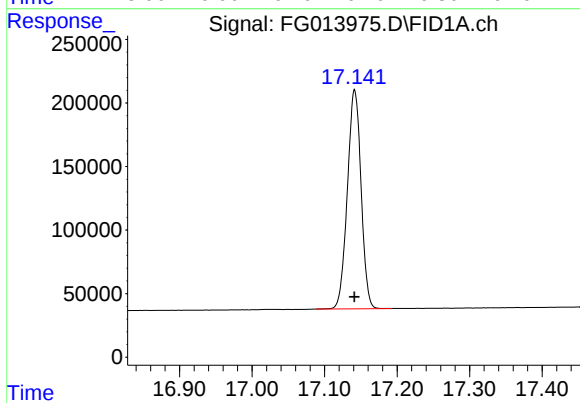
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 2352563
Conc: 20.00 ug/ml



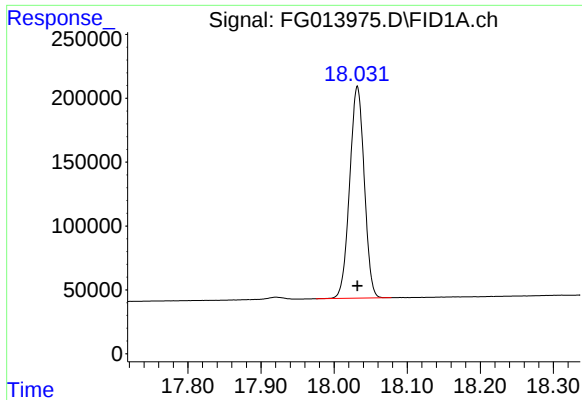
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.000 min
Response: 2310746
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.000 min
Response: 2260533
Conc: 20.00 ug/ml



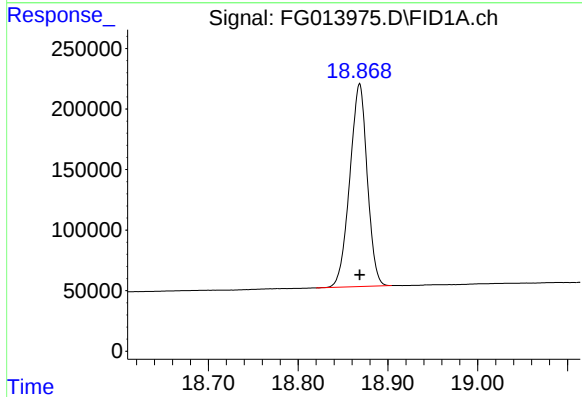
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 2297936
Conc: 20.00 ug/ml

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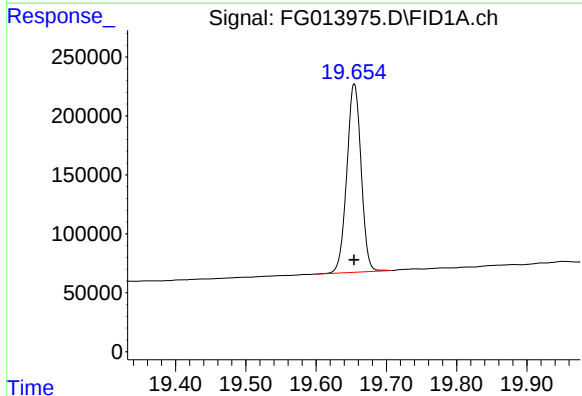
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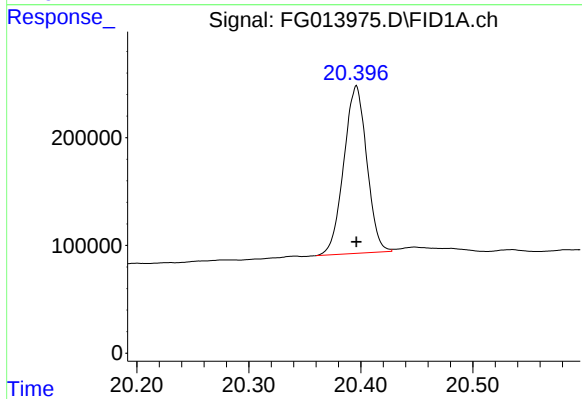
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 2261554
Conc: 20.00 ug/ml



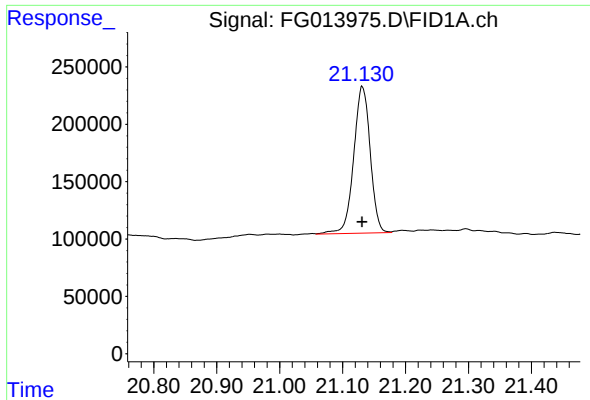
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.000 min
Response: 2249974
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: 0.000 min
Response: 2217932
Conc: 20.00 ug/ml



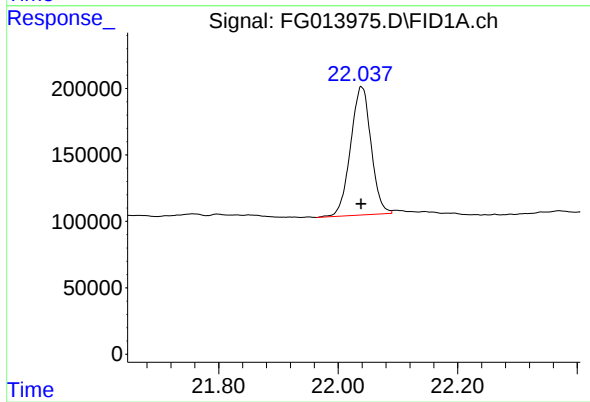
#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.000 min
Response: 2333738
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 2298934
Conc: 20.00 ug/ml