

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041903.D
 Signal(s) : FID1B.ch
 Acq On : 13 May 2023 02:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 13 03:14:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.970	3613543	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.406	2677286	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.347	2780179	18.913 ug/ml
2) T n-Decane (C10)	4.601	2930744	19.541 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3230284	19.520 ug/ml
4) T n-Dodecane (C12)	6.770	2964364	19.497 ug/ml
5) T A~2-methylnaphthalene...	7.405	3167300	19.643 ug/ml
6) T n-Tetradecane (C14)	8.599	2994478	19.713 ug/ml
7) T n-Hexadecane (C16)	10.208	3139578	19.674 ug/ml
8) T n-Octadecane (C18)	11.651	3211534	19.593 ug/ml
10) T n-Eicosane (C20)	12.960	3097778	19.259 ug/ml
11) T n-Heneicosane (C21)	13.573	3041012	19.081 ug/ml
13) T n-Docosane (C22)	14.159	3024327	18.982 ug/ml
14) T n-Tetracosane (C24)	15.263	3021446	18.741 ug/ml
15) T n-Hexacosane (C26)	16.283	2932350	18.548 ug/ml
16) T n-Octacosane (C28)	17.235	2963365	19.259 ug/ml
17) T n-Tricontane (C30)	18.123	3155574	20.719 ug/ml
18) T n-Dotriacontane (C32)	18.955	3189161	21.407 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3004060	21.324 ug/ml
20) T n-Hexatriacontane (C36)	20.480	2851975	21.326 ug/mlm
21) T n-Octatriacontane (C38)	21.229	2897201	21.926 ug/ml
22) T n-Tetracontane (C40)	22.168	2834601	22.388 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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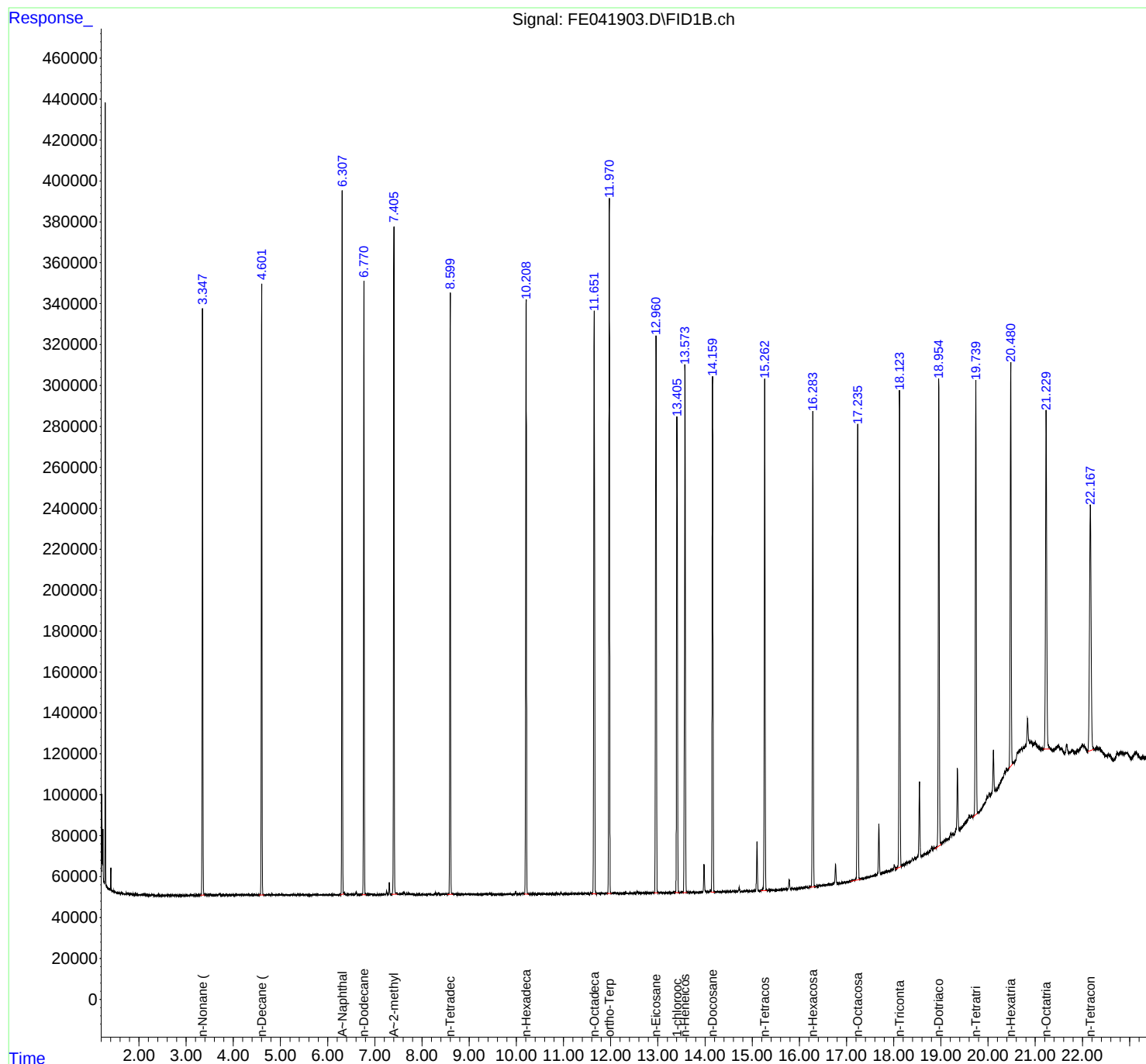
Instrument :
FID_E
ClientSampleId :
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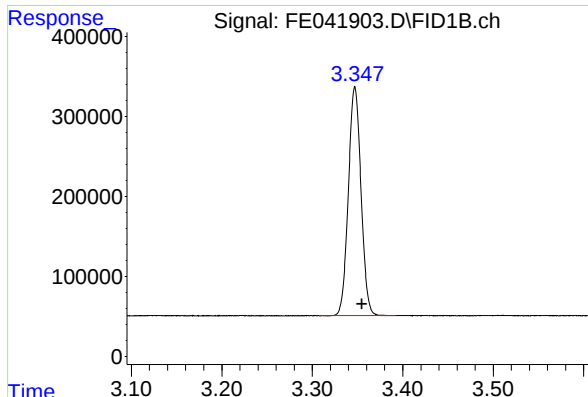
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Response via : Initial Calibration
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Volume Inj. : 1 ul
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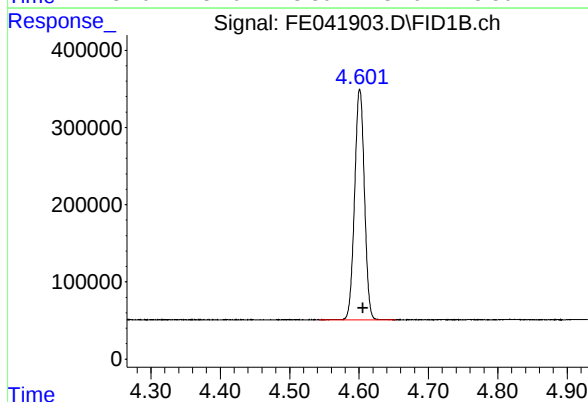
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2780179
Conc: 18.91 ug/ml

Instrument : FID_E
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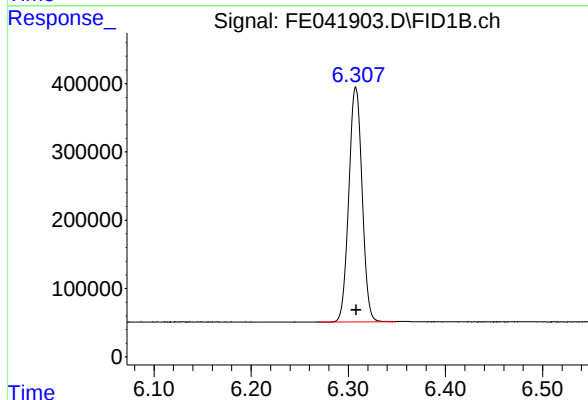
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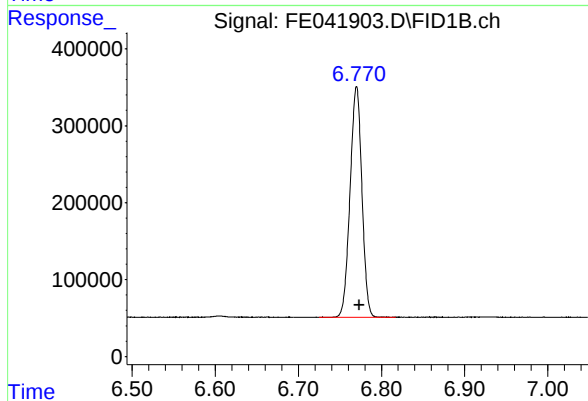
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.005 min
Response: 2930744
Conc: 19.54 ug/ml



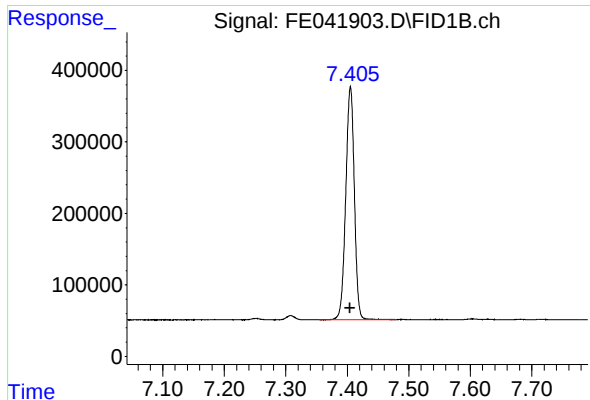
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3230284
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 2964364
Conc: 19.50 ug/ml



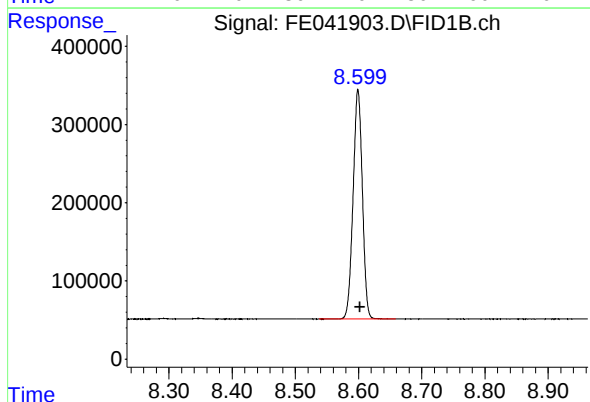
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3167300
Conc: 19.64 ug/ml

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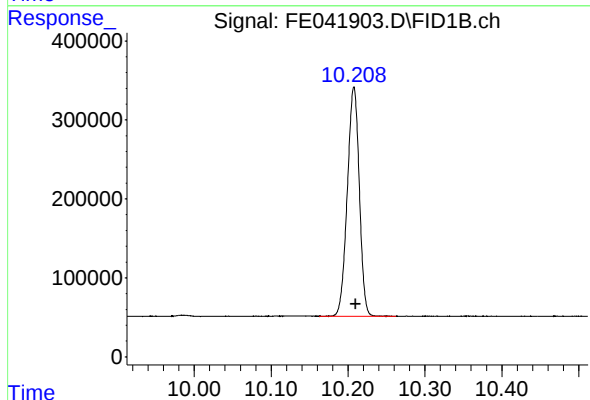
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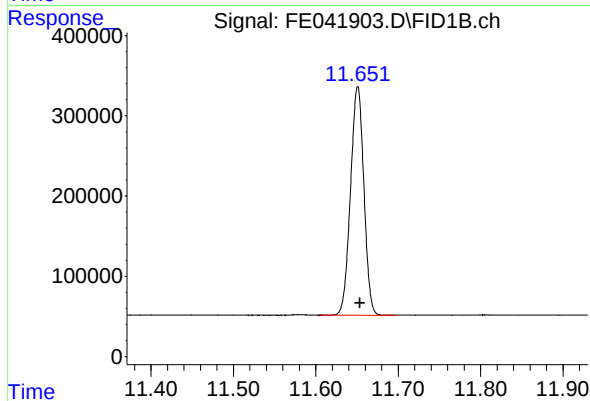
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 2994478
Conc: 19.71 ug/ml



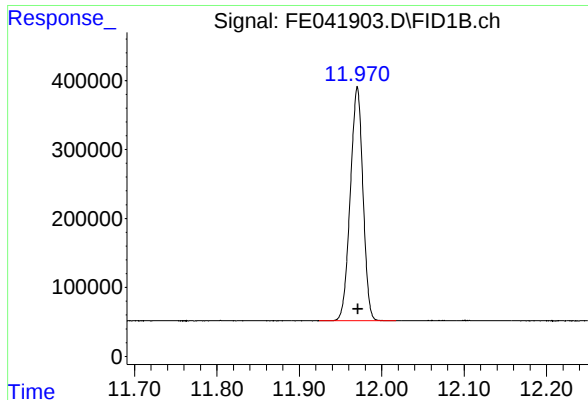
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 3139578
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 3211534
Conc: 19.59 ug/ml



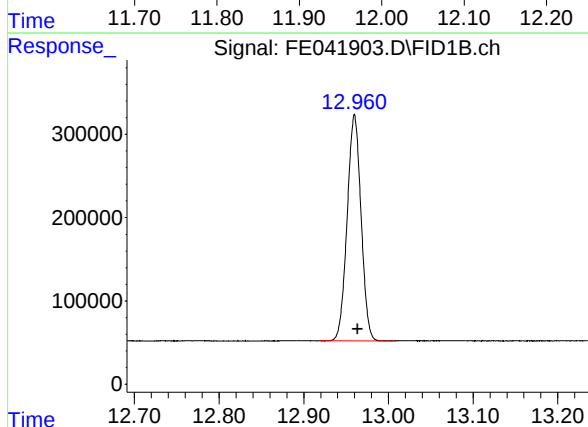
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.001 min
Response: 3613543
Conc: 19.26 ug/ml

Instrument :
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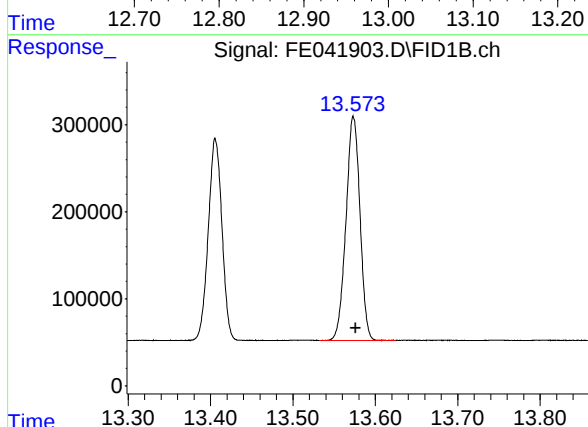
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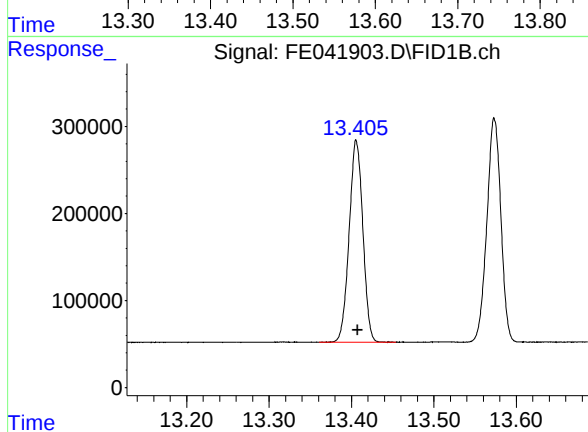
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 3097778
Conc: 19.26 ug/ml



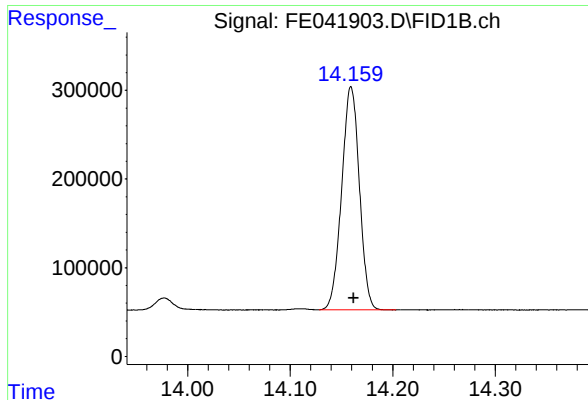
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.003 min
Response: 3041012
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.002 min
Response: 2677286
Conc: 18.95 ug/ml



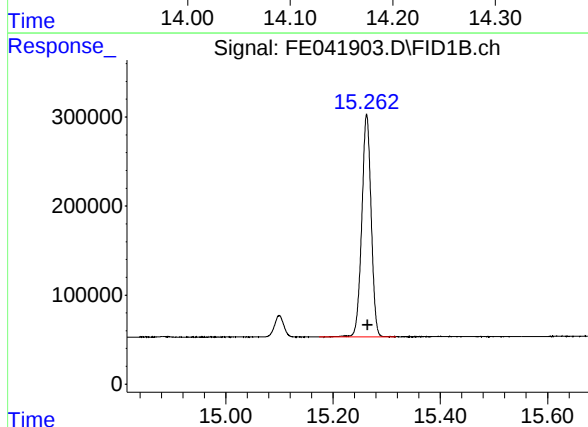
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.003 min
Response: 3024327
Conc: 18.98 ug/ml

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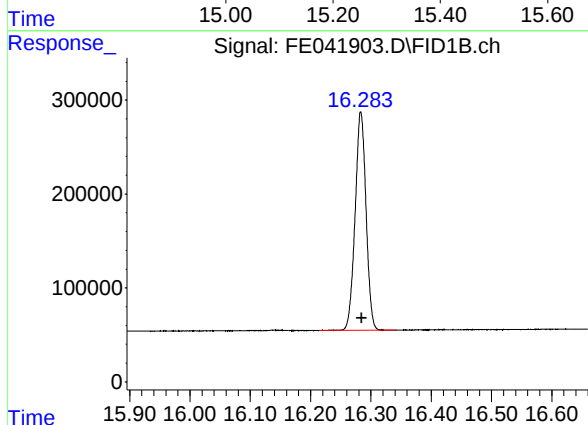
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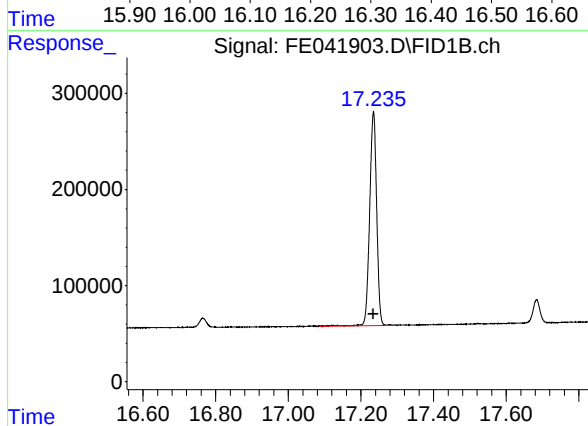
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 3021446
Conc: 18.74 ug/ml



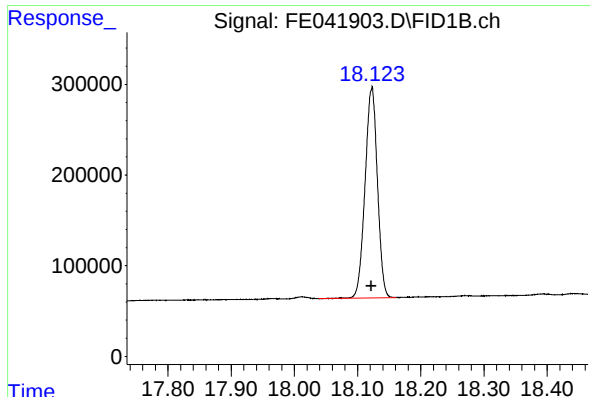
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.001 min
Response: 2932350
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 2963365
Conc: 19.26 ug/ml



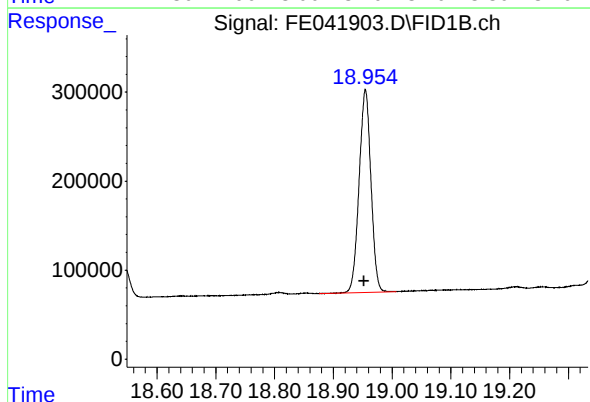
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.001 min
Response: 3155574
Conc: 20.72 ug/ml

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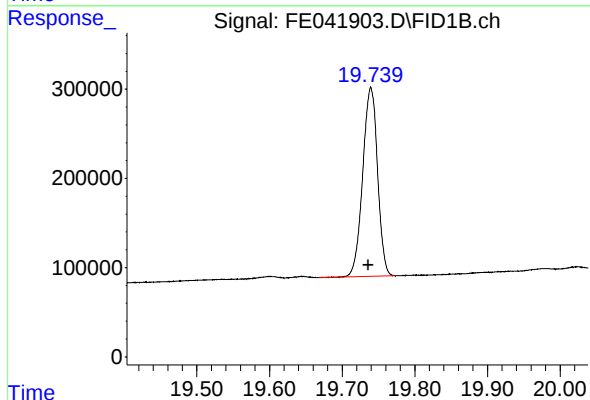
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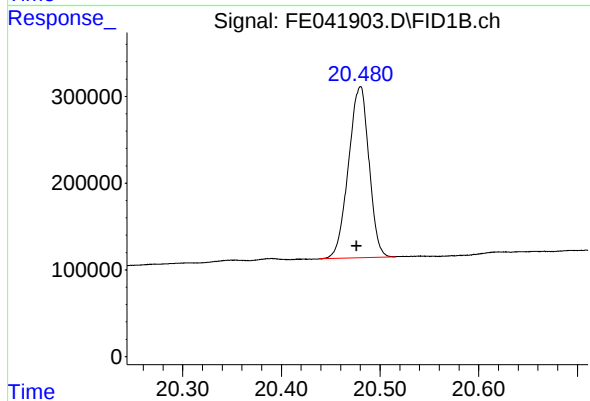
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.003 min
Response: 3189161
Conc: 21.41 ug/ml



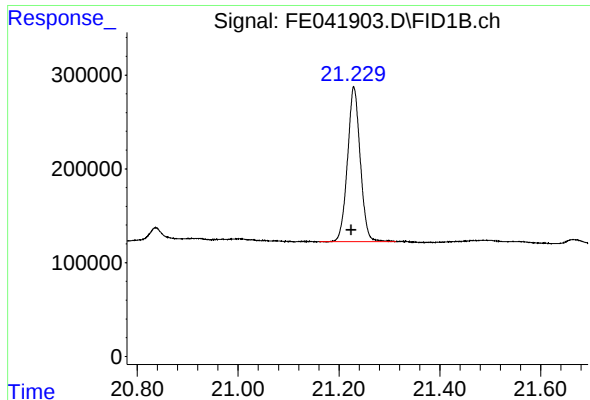
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 3004060
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: 0.004 min
Response: 2851975
Conc: 21.33 ug/ml m



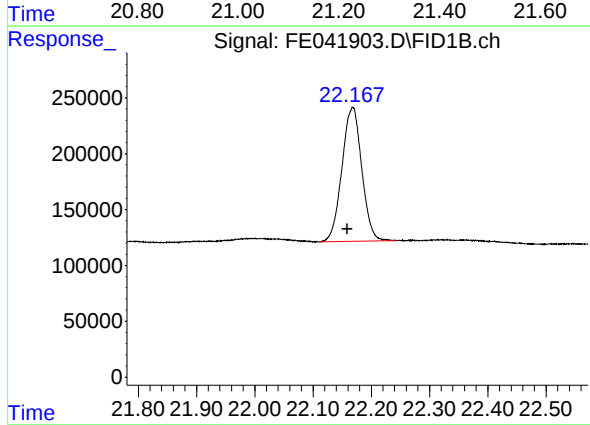
#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.005 min
Response: 2897201
Conc: 21.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.168 min
Delta R.T.: 0.010 min
Response: 2834601
Conc: 22.39 ug/ml