

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050923AL\
 Data File : FE041827.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 23:27
 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 05/10/2023
 Supervised By :Ankita Jodhani 05/10/2023

Integration File: autoint1.e
 Quant Time: May 10 00:23:29 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)	11.969	3375460	17.992 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	13.405	2493601	17.651 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.348	2622186	17.839 ug/ml
2) T n-Decane (C10)	4.602	2745832	18.308 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3010803	18.193 ug/ml
4) T n-Dodecane (C12)	6.770	2774740	18.250 ug/ml
5) T A~2-methylnaphthalene...	7.404	2946186	18.271 ug/ml
6) T n-Tetradecane (C14)	8.598	2783606	18.325 ug/ml
7) T n-Hexadecane (C16)	10.206	2913312	18.256 ug/ml
8) T n-Octadecane (C18)	11.650	2979695	18.179 ug/ml
10) T n-Eicosane (C20)	12.960	2878383	17.895 ug/ml
11) T n-Heneicosane (C21)	13.573	2834578	17.786 ug/ml
13) T n-Docosane (C22)	14.159	2830529	17.765 ug/ml
14) T n-Tetracosane (C24)	15.262	2845579	17.650 ug/ml
15) T n-Hexacosane (C26)	16.283	2793202	17.668 ug/ml
16) T n-Octacosane (C28)	17.233	2777204	18.049 ug/ml
17) T n-Tricontane (C30)	18.121	2925335	19.207 ug/ml
18) T n-Dotriacontane (C32)	18.953	2925812	19.639 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2729374	19.374 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2574230	19.250 ug/mlm
21) T n-Octatriacontane (C38)	21.226	2535575	19.189 ug/mlm
22) T n-Tetracontane (C40)	22.162	2447024	19.327 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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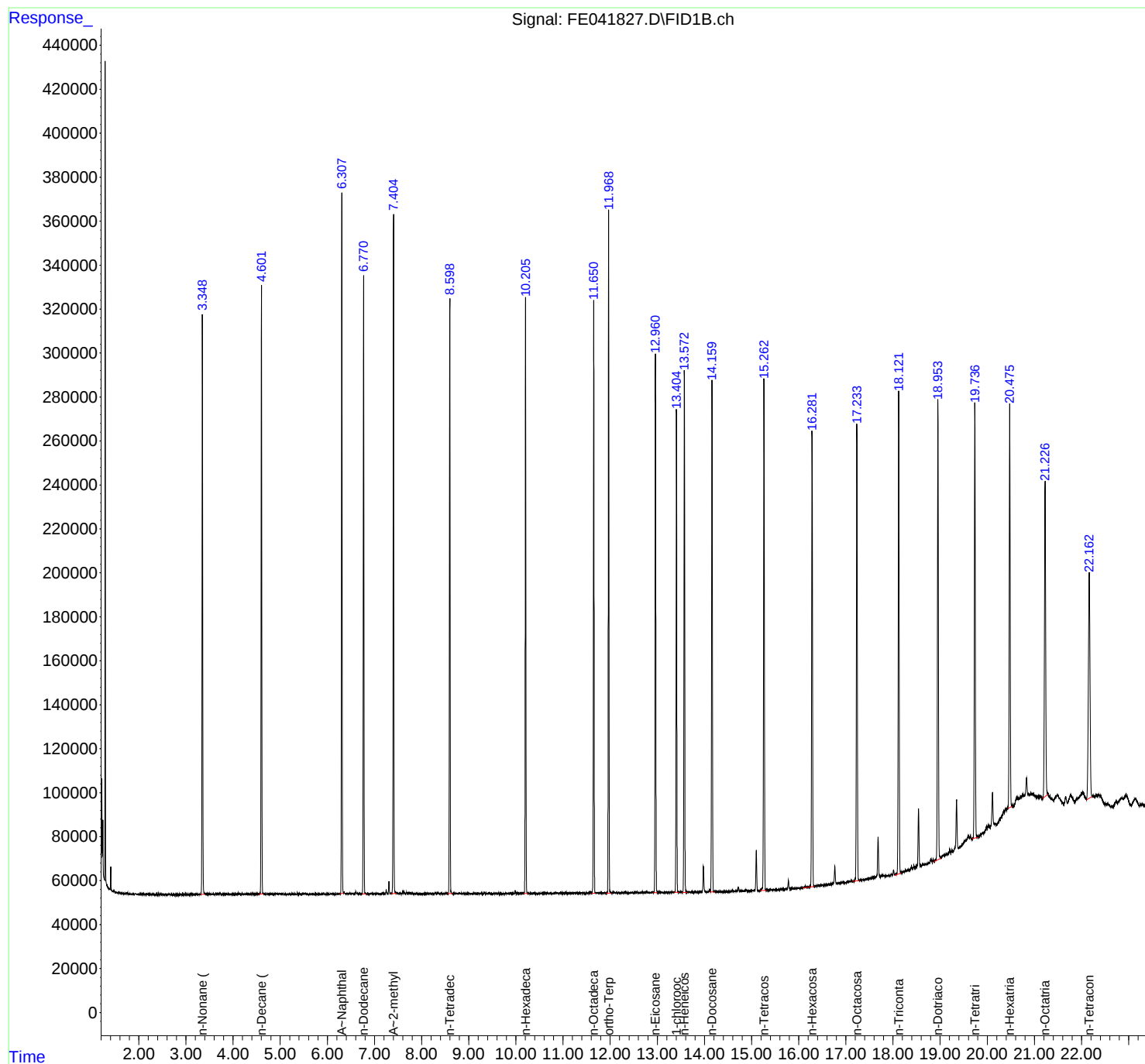
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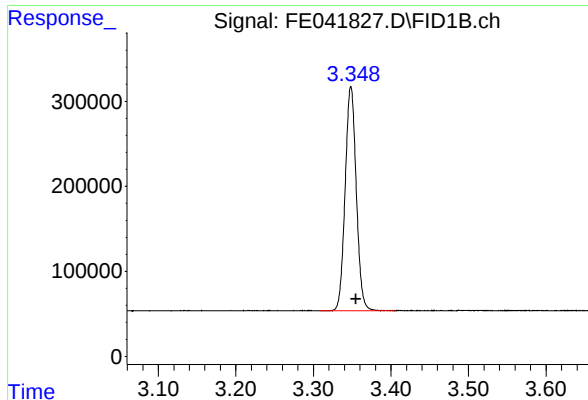
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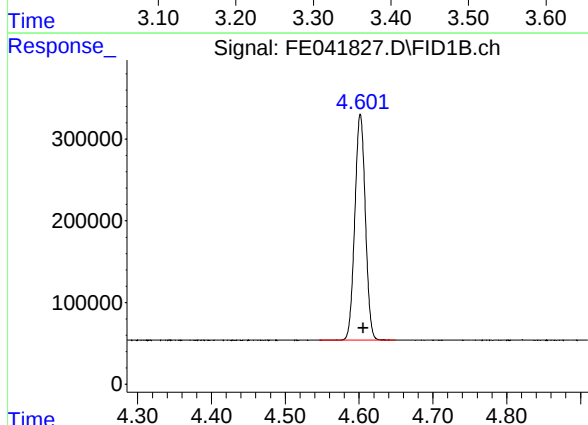
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 2622186
Conc: 17.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

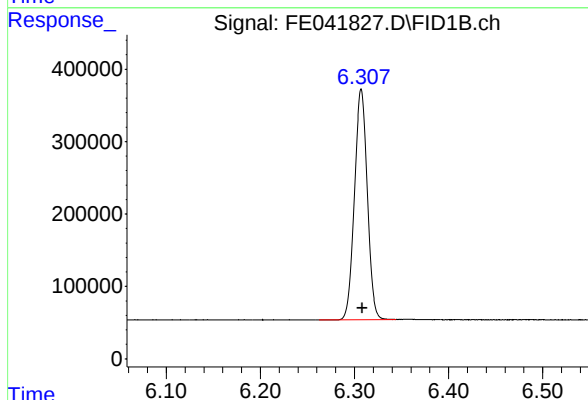
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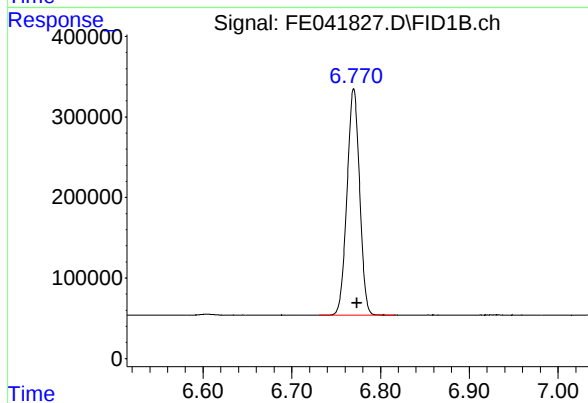
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 2745832
Conc: 18.31 ug/ml



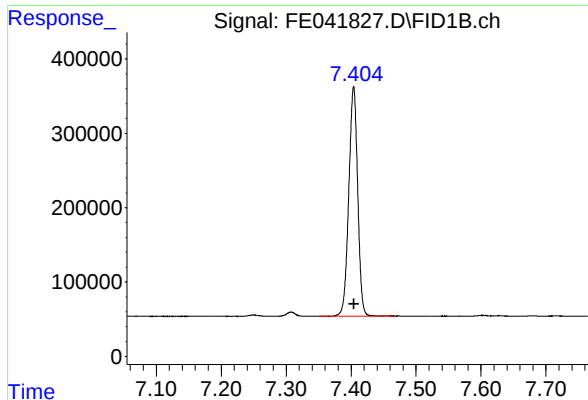
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 3010803
Conc: 18.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 2774740
Conc: 18.25 ug/ml



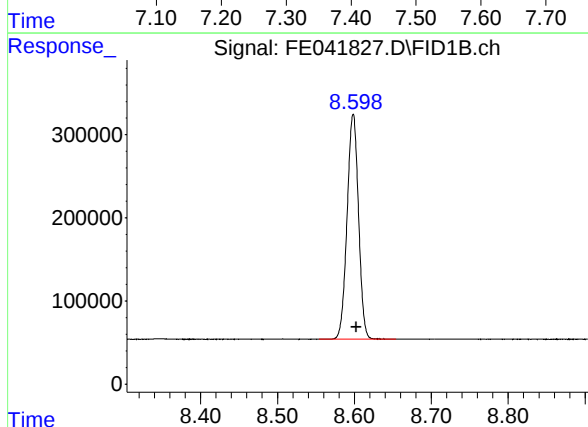
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2946186
Conc: 18.27 ug/ml

Instrument :
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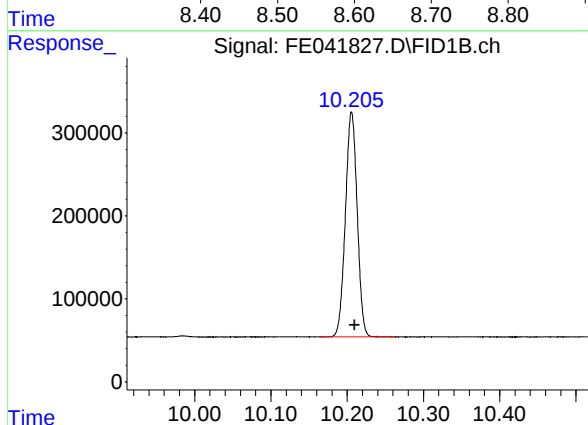
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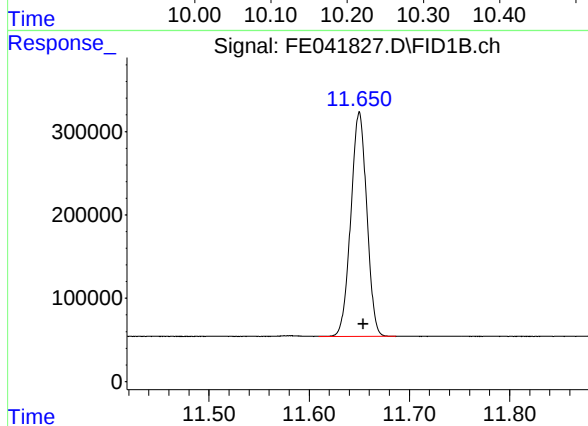
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 2783606
Conc: 18.32 ug/ml



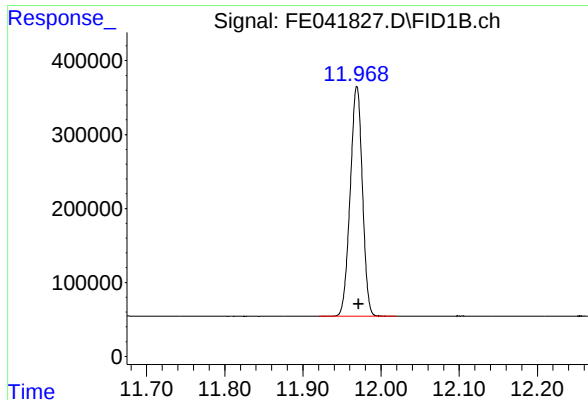
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 2913312
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 2979695
Conc: 18.18 ug/ml



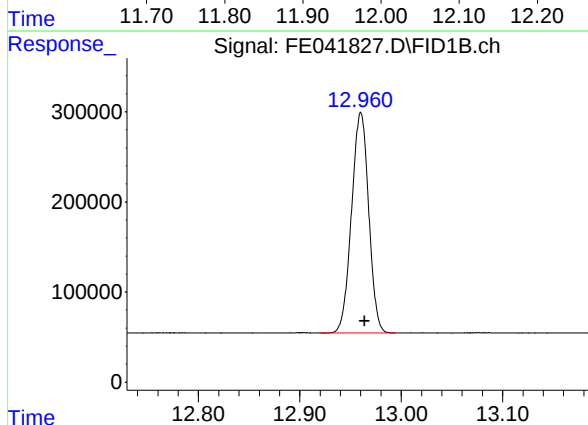
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 3375460
Conc: 17.99 ug/ml

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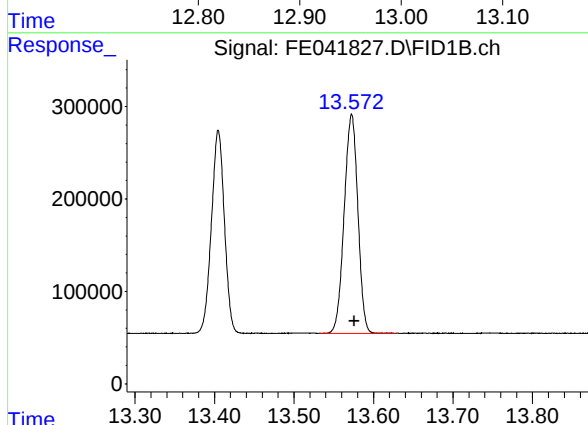
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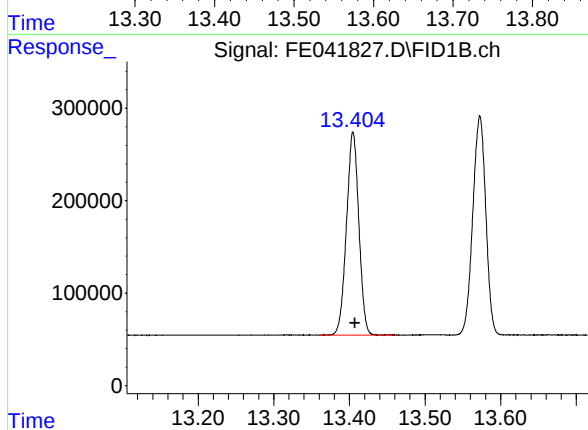
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.003 min
Response: 2878383
Conc: 17.90 ug/ml



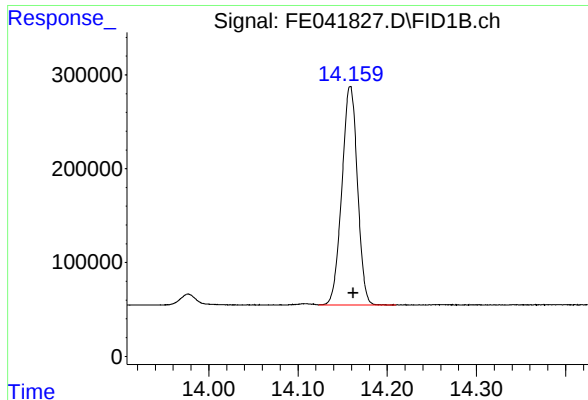
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.003 min
Response: 2834578
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.003 min
Response: 2493601
Conc: 17.65 ug/ml



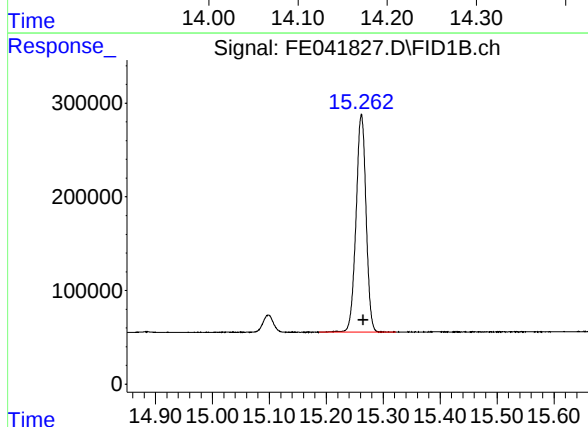
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.003 min
Response: 2830529
Conc: 17.77 ug/ml

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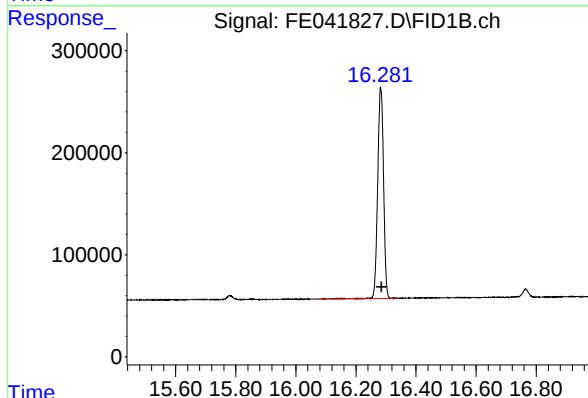
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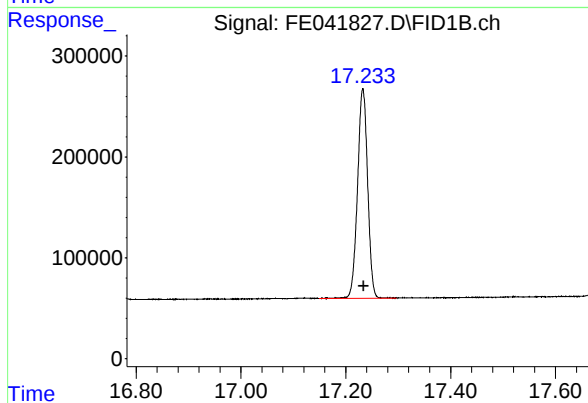
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: -0.003 min
Response: 2845579
Conc: 17.65 ug/ml



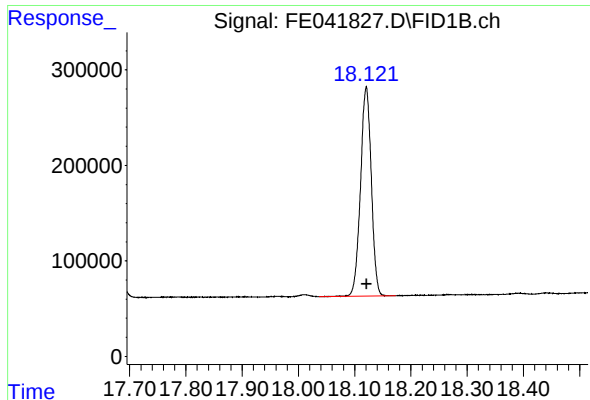
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.002 min
Response: 2793202
Conc: 17.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: -0.001 min
Response: 2777204
Conc: 18.05 ug/ml



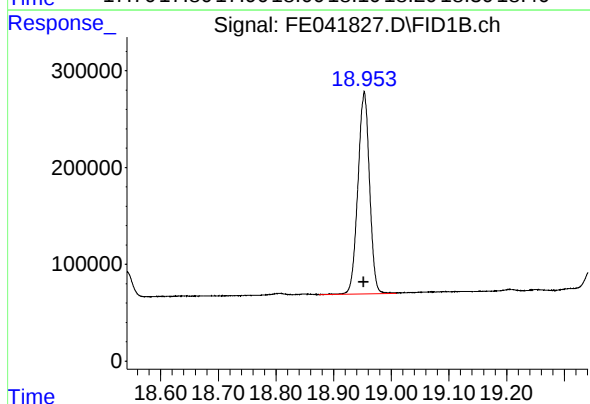
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2925335
Conc: 19.21 ug/ml

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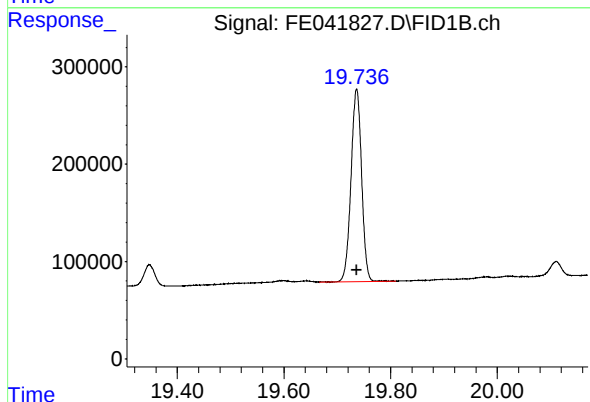
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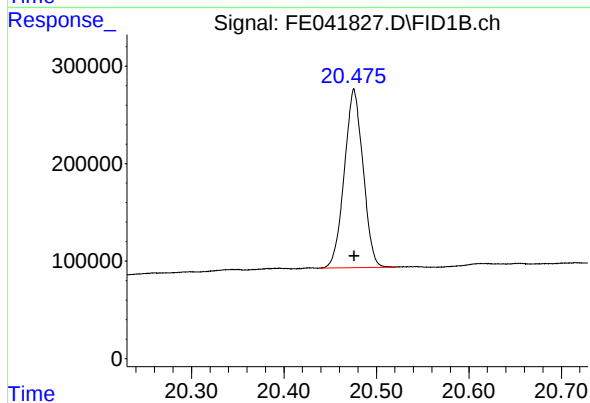
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.001 min
Response: 2925812
Conc: 19.64 ug/ml



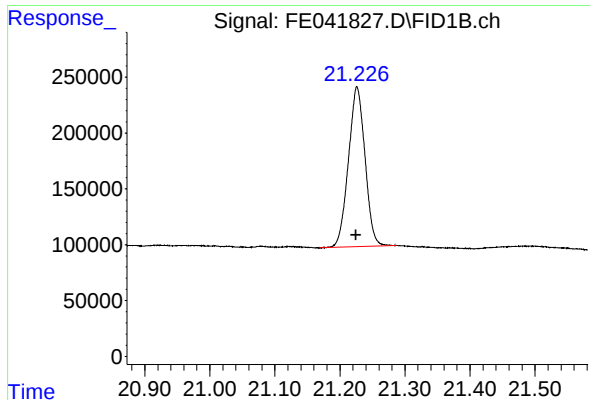
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.000 min
Response: 2729374
Conc: 19.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.000 min
Response: 2574230
Conc: 19.25 ug/ml m



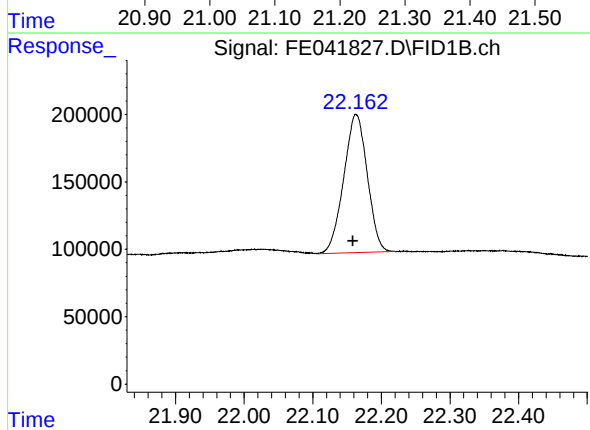
#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.000 min
Response: 2535575
Conc: 19.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.004 min
Response: 2447024
Conc: 19.33 ug/ml m