

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051774.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 19:30
 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 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 27 01:18:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.034	3102205	19.323 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.457	2416465	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.493	2350160	19.614 ug/ml
2) T n-Decane (C10)	4.727	2445021	19.665 ug/ml
3) T A~Naphthalene (C11.7)	6.418	2828578	19.850 ug/ml
4) T n-Dodecane (C12)	6.867	2556585	19.648 ug/ml
5) T A~2-methylnaphthalene...	7.502	2798248	19.773 ug/ml
6) T n-Tetradecane (C14)	8.680	2622765	19.561 ug/ml
7) T n-Hexadecane (C16)	10.277	2787629	19.506 ug/ml
8) T n-Octadecane (C18)	11.711	2891448	19.615 ug/ml
10) T n-Eicosane (C20)	13.014	2786568	19.369 ug/ml
11) T n-Heneicosane (C21)	13.622	2739553	19.278 ug/ml
13) T n-Docosane (C22)	14.204	2728006	19.350 ug/ml
14) T n-Tetracosane (C24)	15.301	2722042	19.510 ug/ml
15) T n-Hexacosane (C26)	16.315	2645965	19.638 ug/ml
16) T n-Octacosane (C28)	17.259	2596608	19.960 ug/ml
17) T n-Tricontane (C30)	18.142	2660913	20.106 ug/ml
18) T n-Dotriacontane (C32)	18.969	2553115	20.365 ug/ml
19) T n-Tetratriacontane (C34)	19.747	2246581	20.419 ug/mlm
20) T n-Hexatriacontane (C36)	20.482	1942615	20.233 ug/mlm
21) T n-Octatriacontane (C38)	21.227	1952436	21.683 ug/ml
22) T n-Tetracontane (C40)	22.162	1779447	18.231 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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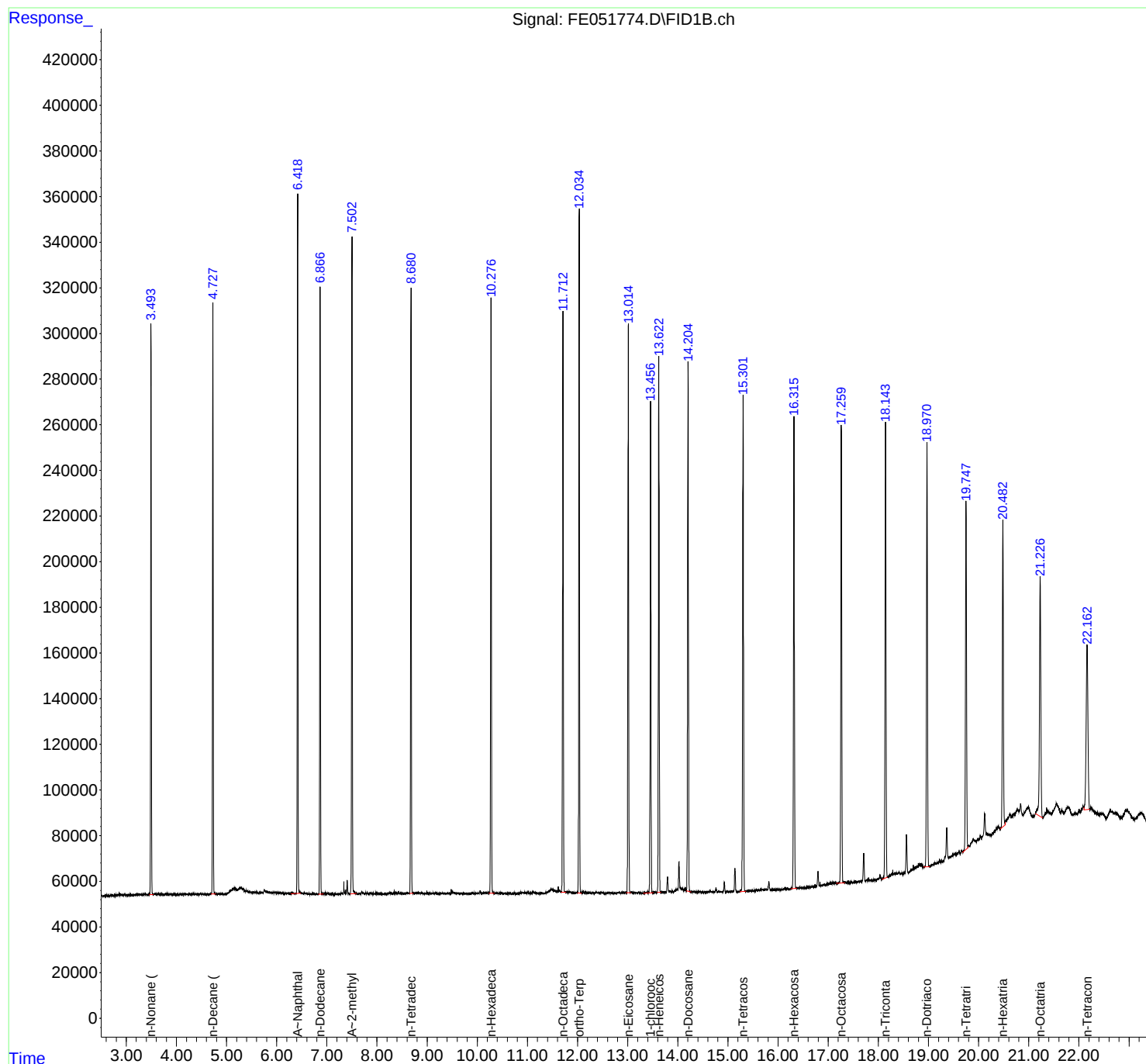
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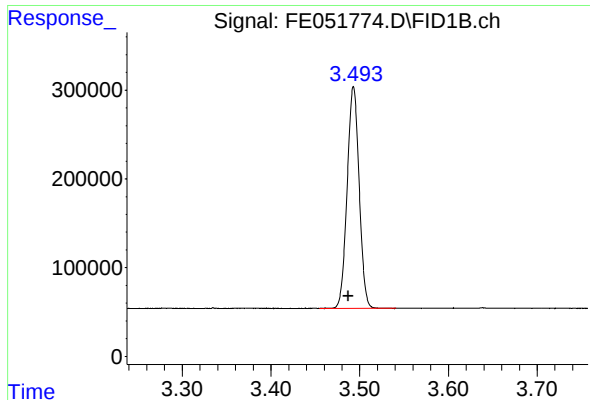
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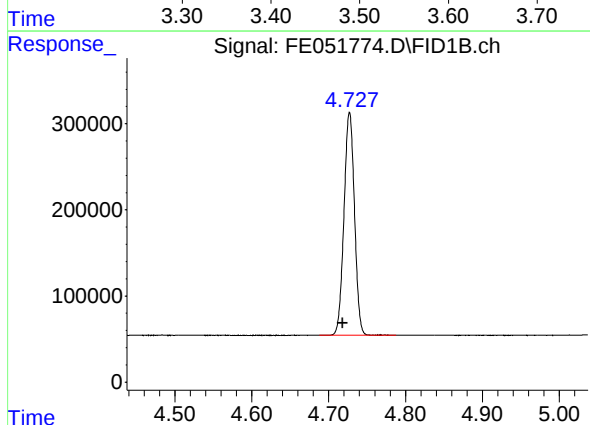
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.006 min
Response: 2350160
Conc: 19.61 ug/ml

Instrument : FID_E
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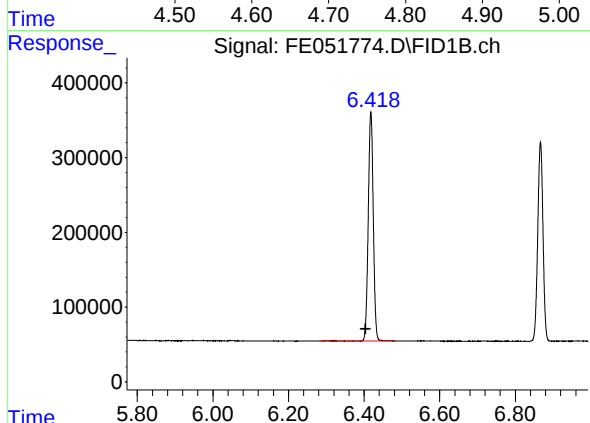
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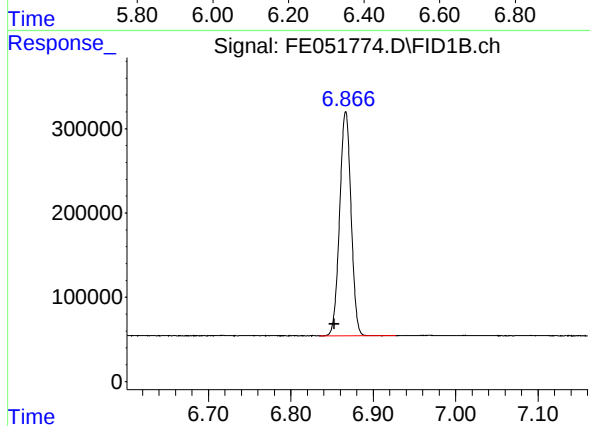
#2 n-Decane (C10)

R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 2445021
Conc: 19.67 ug/ml



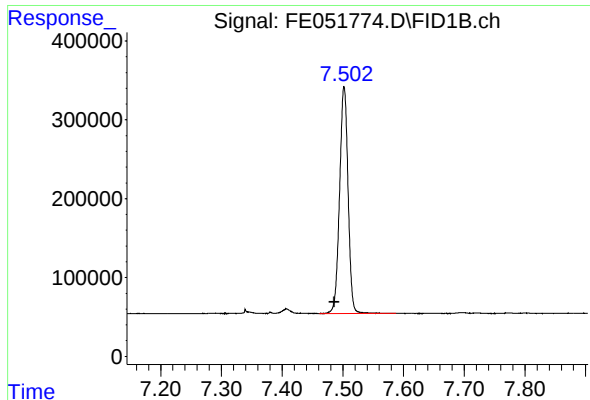
#3 A~Naphthalene (C11.7)

R.T.: 6.418 min
Delta R.T.: 0.014 min
Response: 2828578
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 2556585
Conc: 19.65 ug/ml



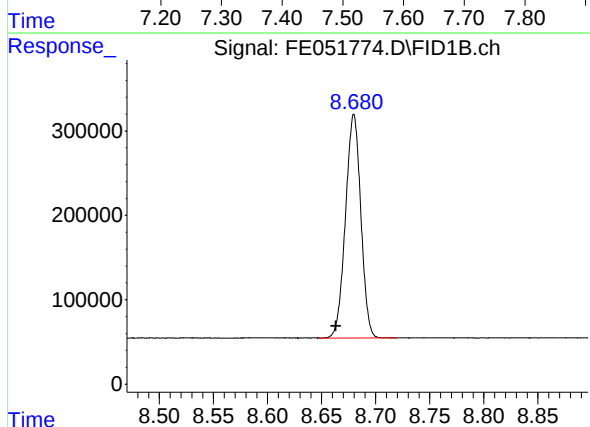
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.502 min
Delta R.T.: 0.016 min
Response: 2798248
Conc: 19.77 ug/ml

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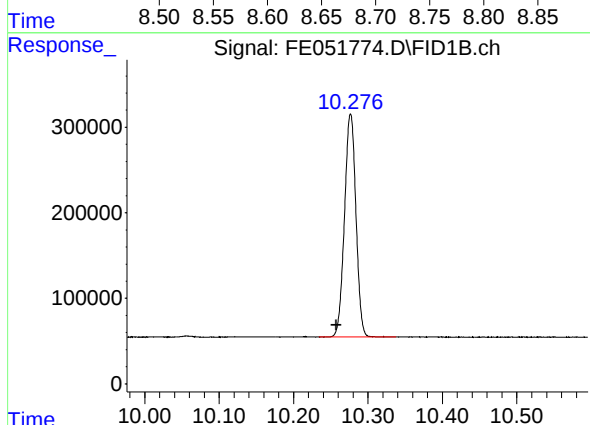
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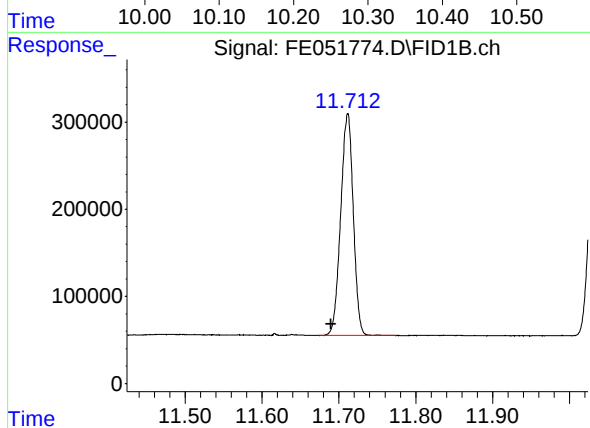
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.016 min
Response: 2622765
Conc: 19.56 ug/ml



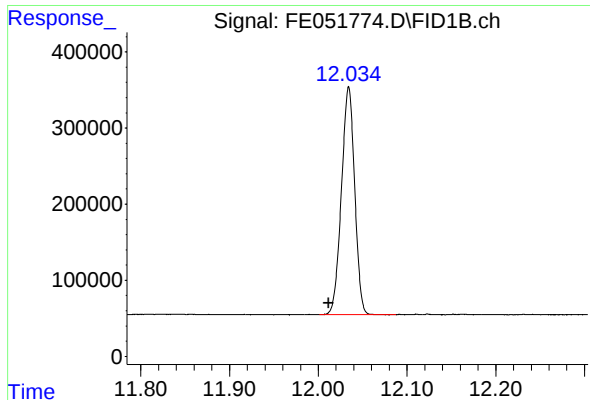
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.019 min
Response: 2787629
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.711 min
Delta R.T.: 0.021 min
Response: 2891448
Conc: 19.61 ug/ml



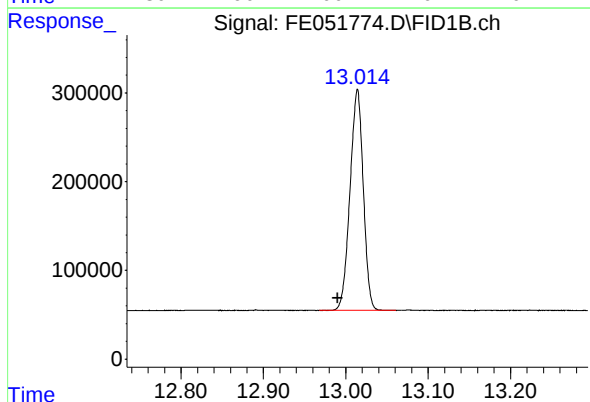
#9 ortho-Terphenyl (SURR)

R.T.: 12.034 min
Delta R.T.: 0.022 min
Response: 3102205
Conc: 19.32 ug/ml

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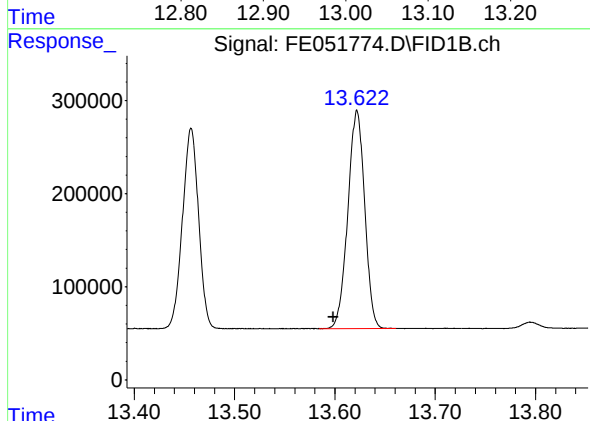
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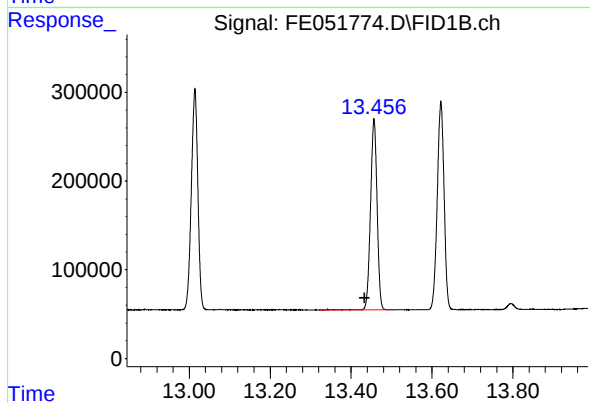
#10 n-Eicosane (C20)

R.T.: 13.014 min
Delta R.T.: 0.024 min
Response: 2786568
Conc: 19.37 ug/ml



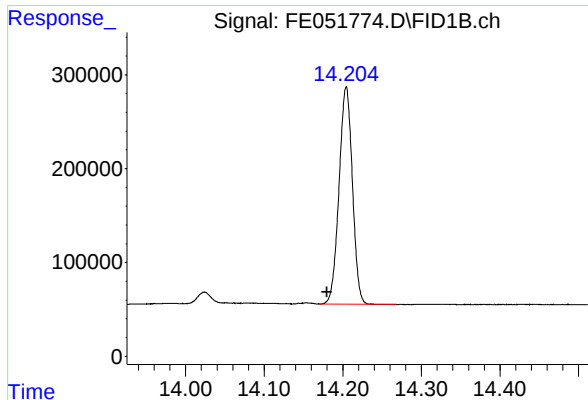
#11 n-Heneicosane (C21)

R.T.: 13.622 min
Delta R.T.: 0.024 min
Response: 2739553
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.457 min
Delta R.T.: 0.024 min
Response: 2416465
Conc: 19.16 ug/ml



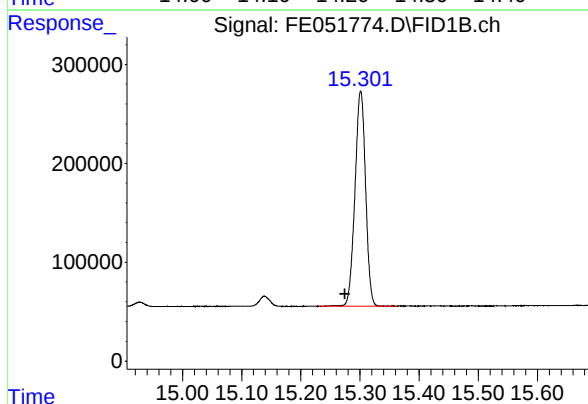
#13 n-Docosane (C22)

R.T.: 14.204 min
Delta R.T.: 0.024 min
Response: 2728006
Conc: 19.35 ug/ml

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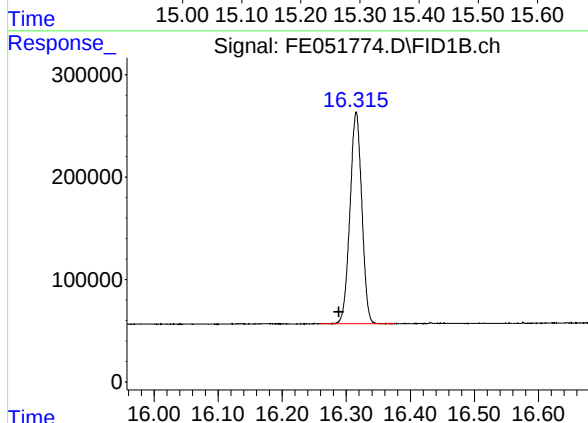
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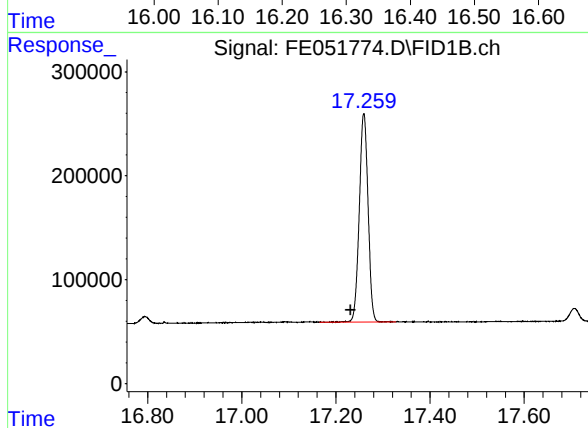
#14 n-Tetracosane (C24)

R.T.: 15.301 min
Delta R.T.: 0.026 min
Response: 2722042
Conc: 19.51 ug/ml



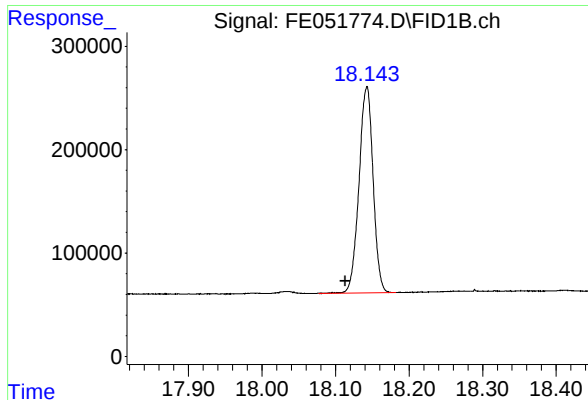
#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: 0.027 min
Response: 2645965
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.259 min
Delta R.T.: 0.028 min
Response: 2596608
Conc: 19.96 ug/ml



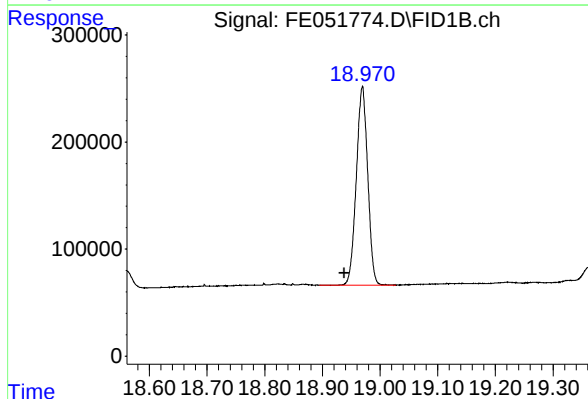
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: 0.029 min
Response: 2660913
Conc: 20.11 ug/ml

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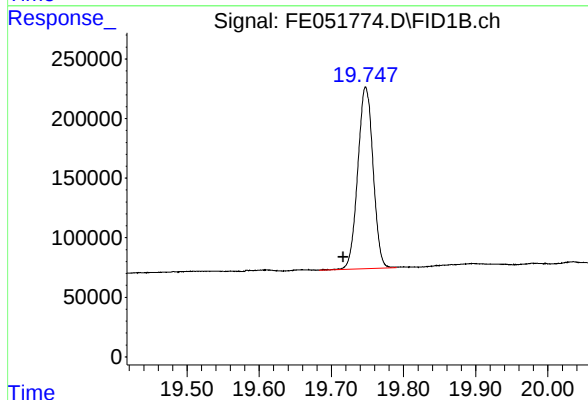
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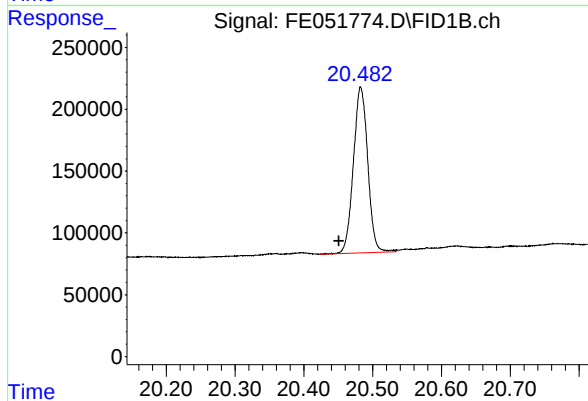
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.031 min
Response: 2553115
Conc: 20.37 ug/ml



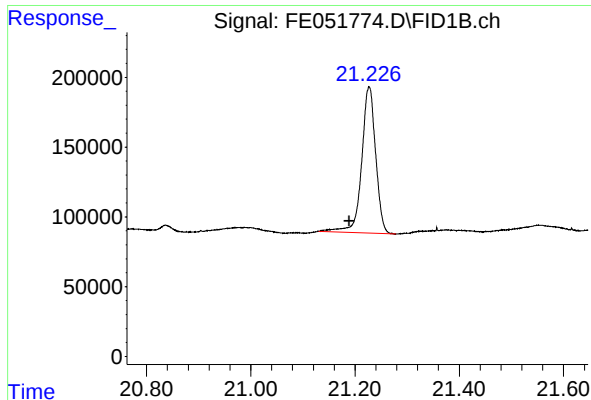
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.030 min
Response: 2246581
Conc: 20.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.031 min
Response: 1942615
Conc: 20.23 ug/ml m



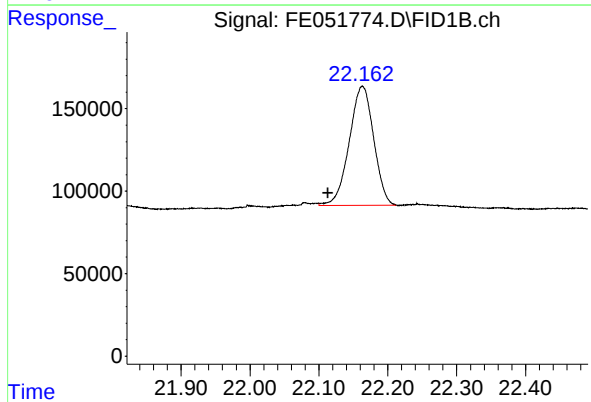
#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.038 min
Response: 1952436
Conc: 21.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.049 min
Response: 1779447
Conc: 18.23 ug/ml m