

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AL\
 Data File : FD043574.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2022 20:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: sample.E
 Quant Time: Aug 14 23:32:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.525	2890505	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	12.961	2243033	18.301 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.306	2706069	19.306 ug/ml
2) T n-Decane (C10)	4.370	2744757	19.521 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2927473	19.267 ug/ml
4) T n-Dodecane (C12)	6.383	2766991	19.441 ug/ml
5) T A~2-methylnaphthalene...	7.002	2881389	19.257 ug/ml
6) T n-Tetradecane (C14)	8.175	2747249	19.367 ug/ml
7) T n-Hexadecane (C16)	9.772	2759367	19.455 ug/ml
8) T n-Octadecane (C18)	11.212	2757389	19.284 ug/ml
10) T n-Eicosane (C20)	12.518	2738693	18.915 ug/ml
11) T n-Heneicosane (C21)	13.129	2682697	18.470 ug/ml
13) T n-Docosane (C22)	13.714	2741802	18.899 ug/ml
14) T n-Tetracosane (C24)	14.814	2796027	19.300 ug/ml
15) T n-Hexacosane (C26)	15.833	2788410	19.386 ug/ml
16) T n-Octacosane (C28)	16.780	2746836	19.418 ug/ml
17) T n-Tricontane (C30)	17.665	2862922	20.284 ug/ml
18) T n-Dotriacontane (C32)	18.495	2828511	20.454 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2611375	20.293 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2442131	19.799 ug/ml
21) T n-Octatriacontane (C38)	20.734	2385396	20.173 ug/ml
22) T n-Tetracontane (C40)	21.609	2224228	19.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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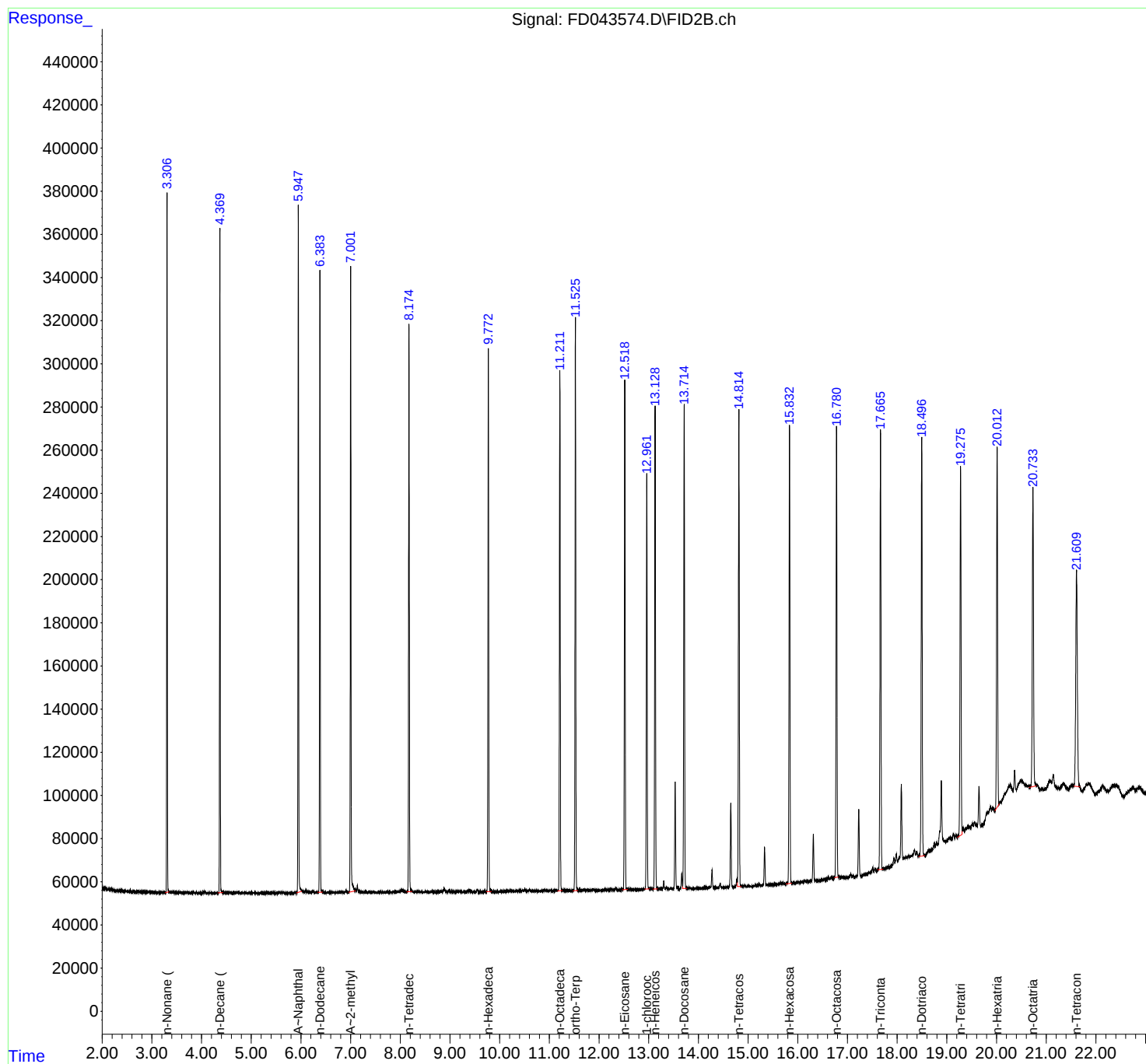
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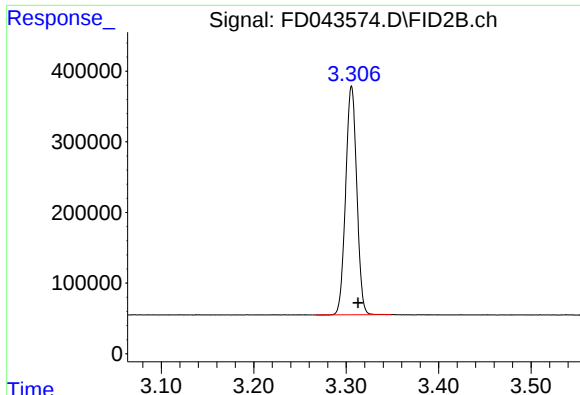
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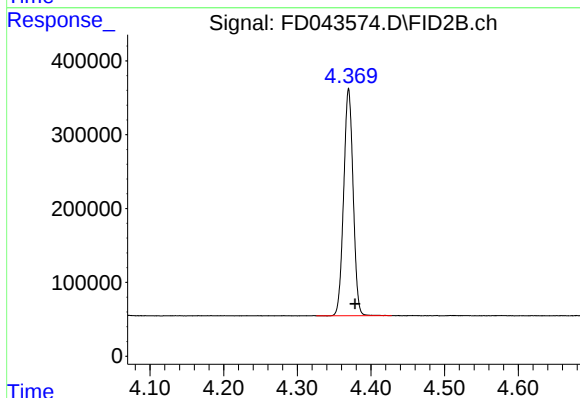
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2706069
Conc: 19.31 ug/ml

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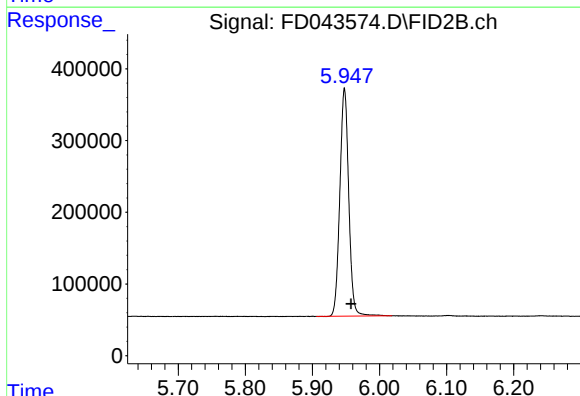
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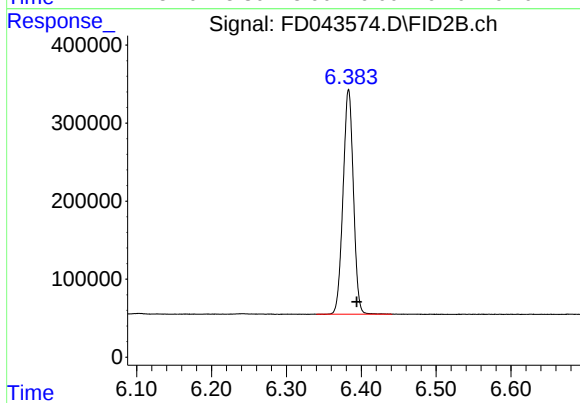
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.009 min
Response: 2744757
Conc: 19.52 ug/ml



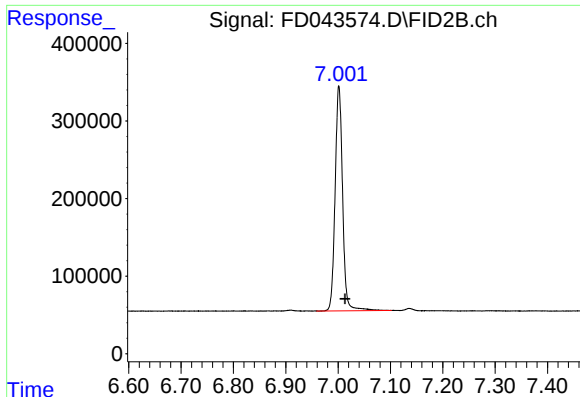
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.010 min
Response: 2927473
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.011 min
Response: 2766991
Conc: 19.44 ug/ml



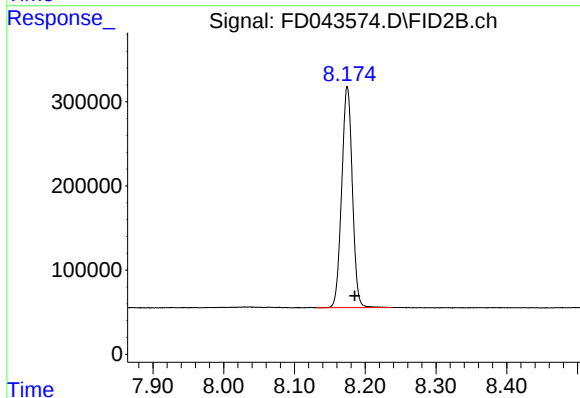
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.011 min
Response: 2881389
Conc: 19.26 ug/ml

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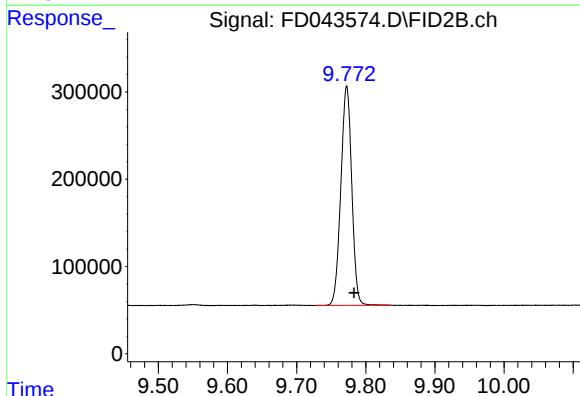
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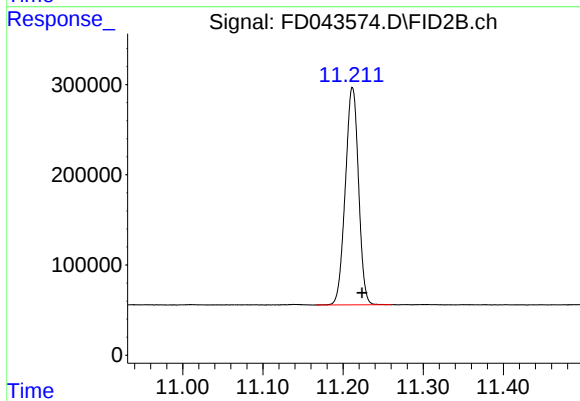
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.011 min
Response: 2747249
Conc: 19.37 ug/ml



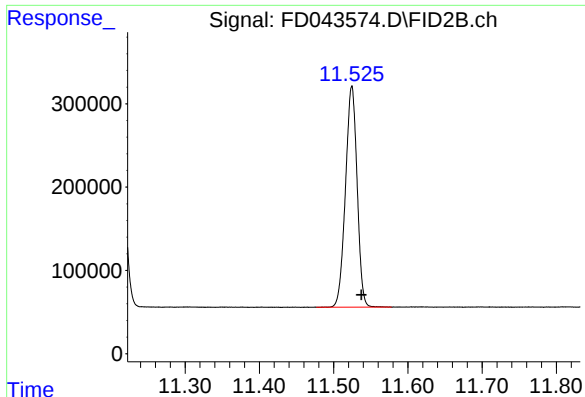
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.011 min
Response: 2759367
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.012 min
Response: 2757389
Conc: 19.28 ug/ml



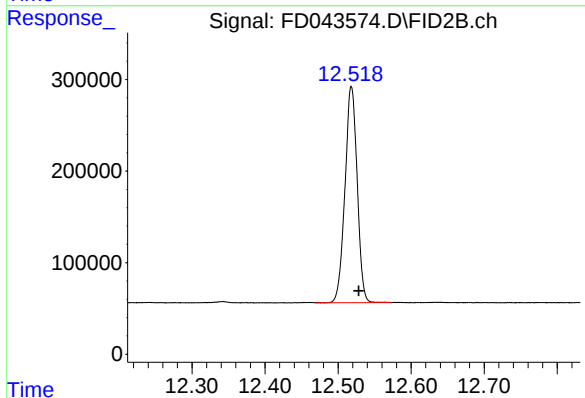
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.013 min
Response: 2890505
Conc: 18.26 ug/ml

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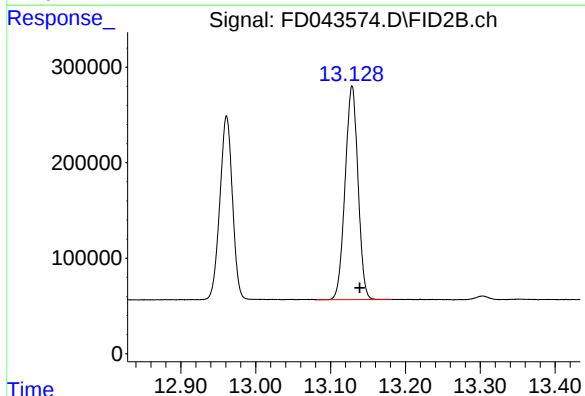
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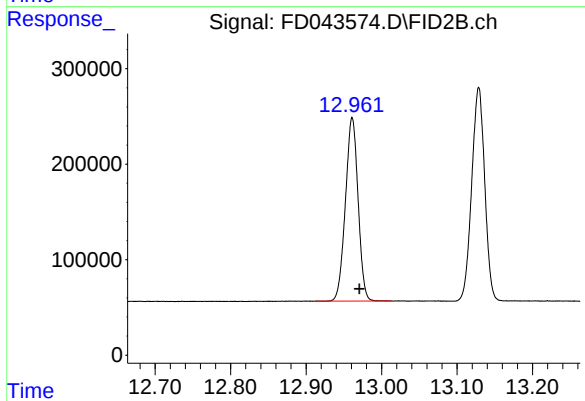
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.010 min
Response: 2738693
Conc: 18.91 ug/ml



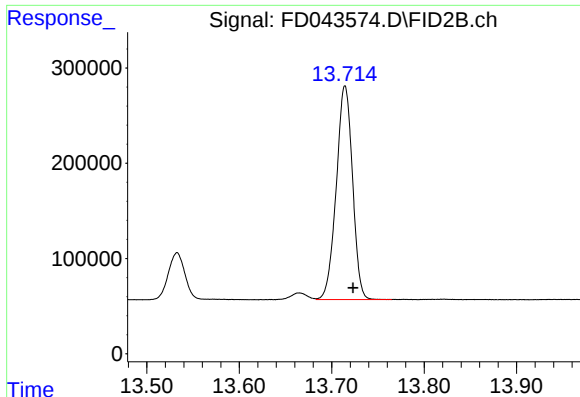
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.010 min
Response: 2682697
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.010 min
Response: 2243033
Conc: 18.30 ug/ml



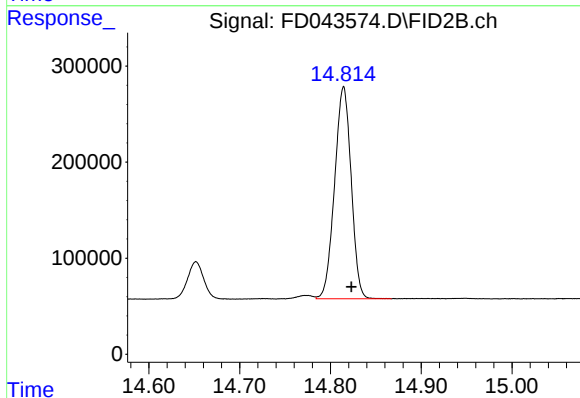
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: -0.009 min
Response: 2741802
Conc: 18.90 ug/ml

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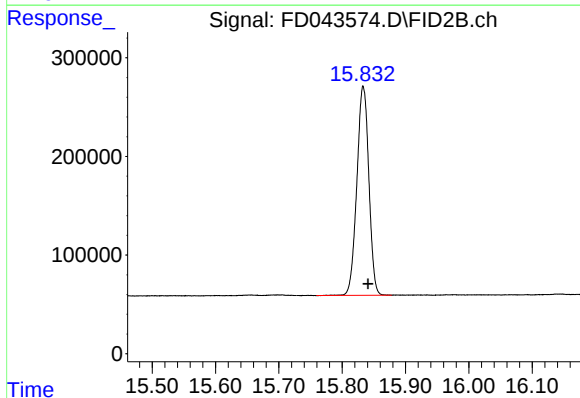
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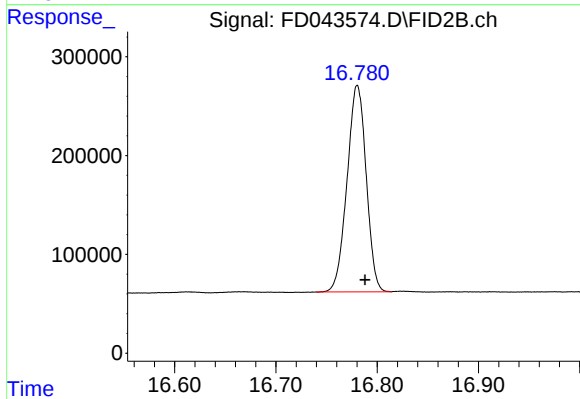
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.009 min
Response: 2796027
Conc: 19.30 ug/ml



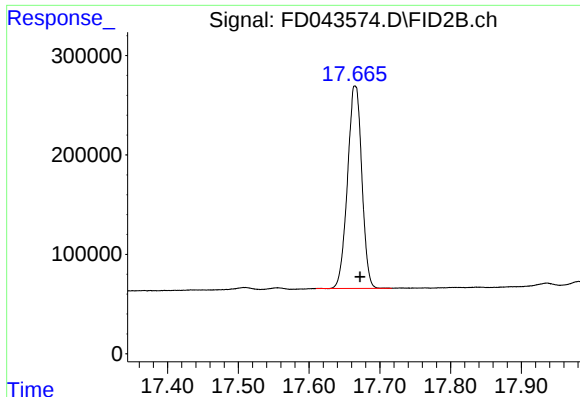
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.008 min
Response: 2788410
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: -0.008 min
Response: 2746836
Conc: 19.42 ug/ml



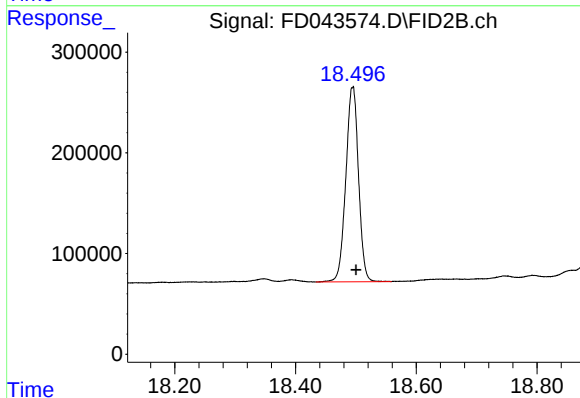
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.007 min
Response: 2862922
Conc: 20.28 ug/ml

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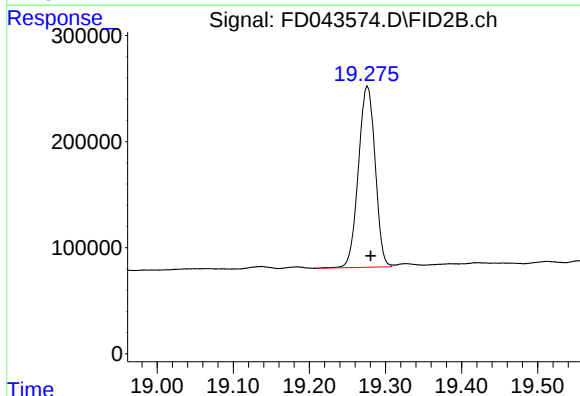
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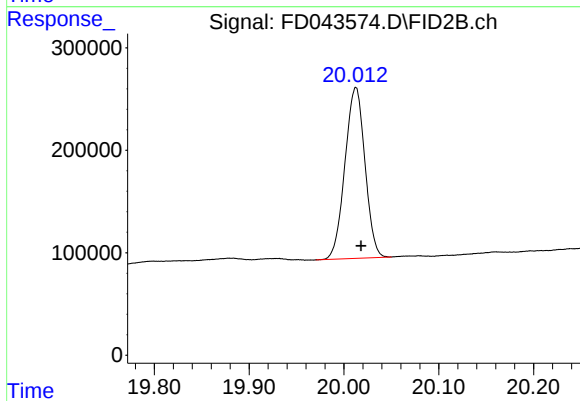
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.005 min
Response: 2828511
Conc: 20.45 ug/ml



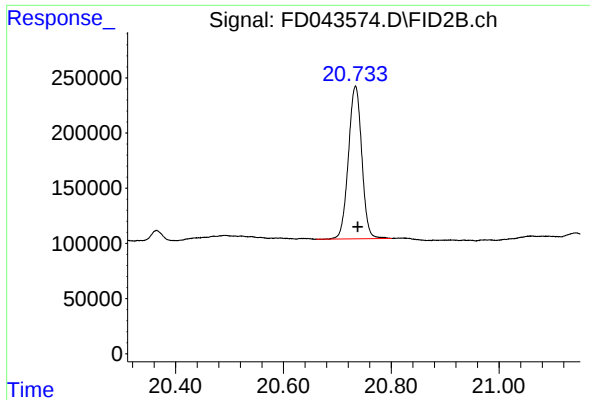
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.004 min
Response: 2611375
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.005 min
Response: 2442131
Conc: 19.80 ug/ml



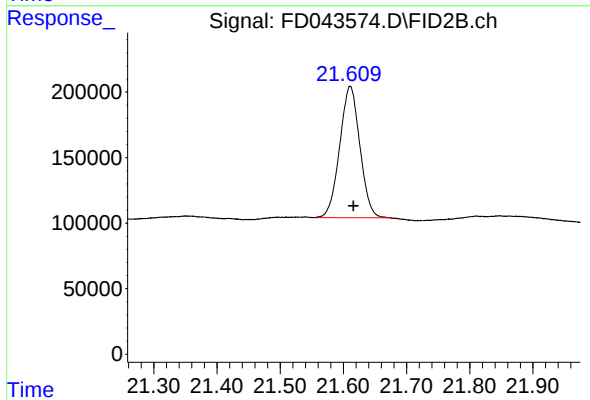
#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.004 min
Response: 2385396
Conc: 20.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.007 min
Response: 2224228
Conc: 19.67 ug/ml m