

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064123.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 14:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:47:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.517	3760397	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	12.952	2704566	19.439 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T n-Nonane (C9)	3.305	3385212	18.981 ug/ml
2) T n-Decane (C10)	4.367	3432872	18.971 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3515741	18.848 ug/ml
4) T n-Dodecane (C12)	6.380	3427776	19.028 ug/ml
5) T A~2-methylnaphthalene...	7.002	3319027	18.859 ug/ml
6) T n-Tetradecane (C14)	8.170	3317918	19.180 ug/ml
7) T n-Hexadecane (C16)	9.767	3350005	19.285 ug/ml
8) T n-Octadecane (C18)	11.204	3353022	19.455 ug/mlm
10) T n-Eicosane (C20)	12.511	3166962	19.400 ug/ml
11) T n-Heneicosane (C21)	13.121	3081965	19.235 ug/ml
13) T n-Docosane (C22)	13.704	3039349	19.342 ug/ml
14) T n-Tetracosane (C24)	14.804	2986677	18.948 ug/ml
15) T n-Hexacosane (C26)	15.822	2918127	19.314 ug/ml
16) T n-Octacosane (C28)	16.769	2866676	19.025 ug/ml
17) T n-Tricontane (C30)	17.653	2966698	19.002 ug/ml
18) T n-Dotriacontane (C32)	18.482	2964533	18.766 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2898976	18.839 ug/ml
20) T n-Hexatriacontane (C36)	20.001	2811561	19.044 ug/mlm
21) T n-Octatriacontane (C38)	20.723	2804123	18.930 ug/ml
22) T n-Tetracontane (C40)	21.608	2756495	18.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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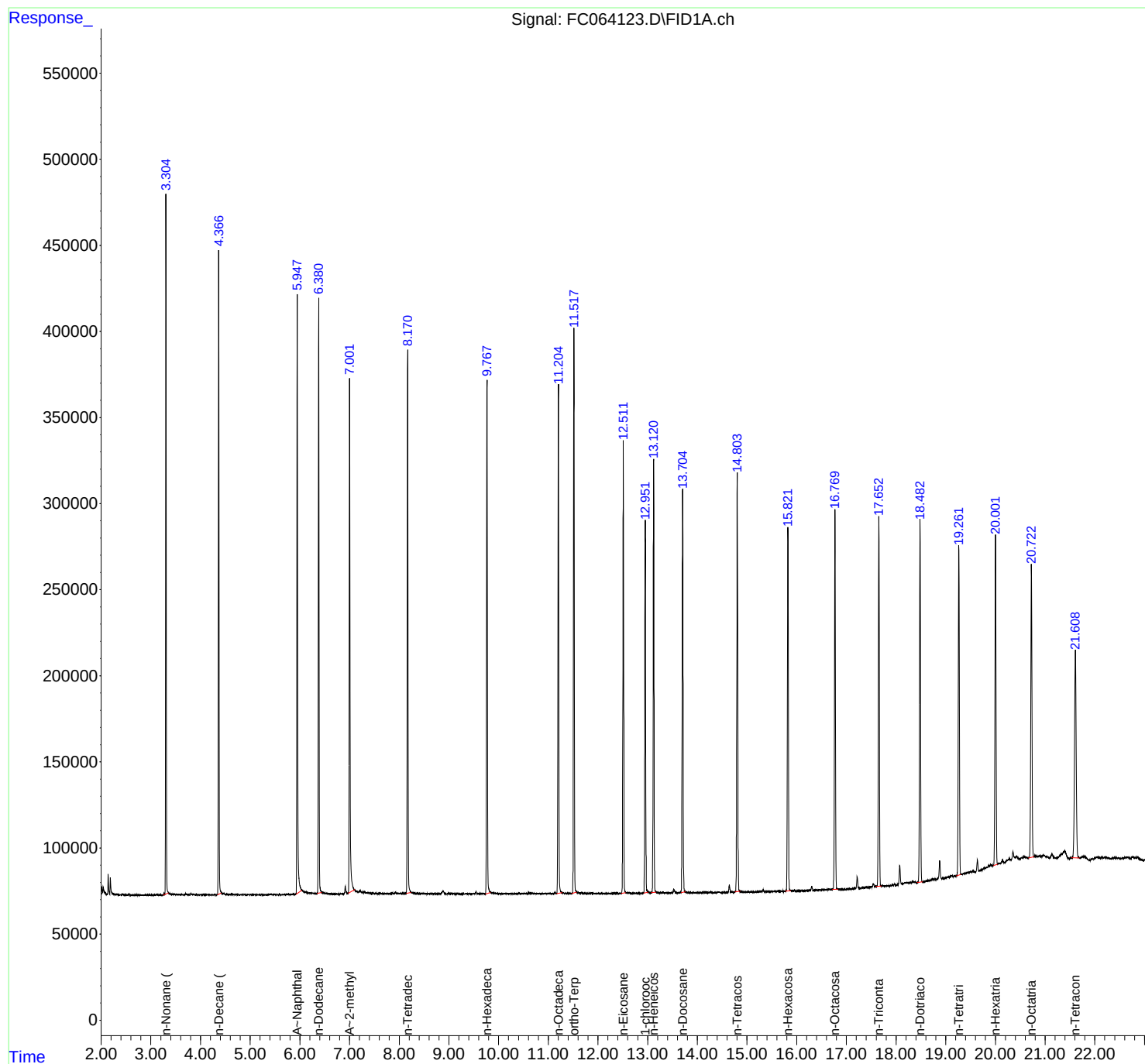
Instrument :
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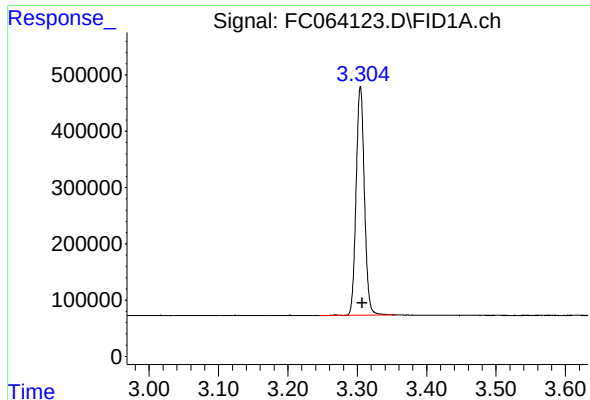
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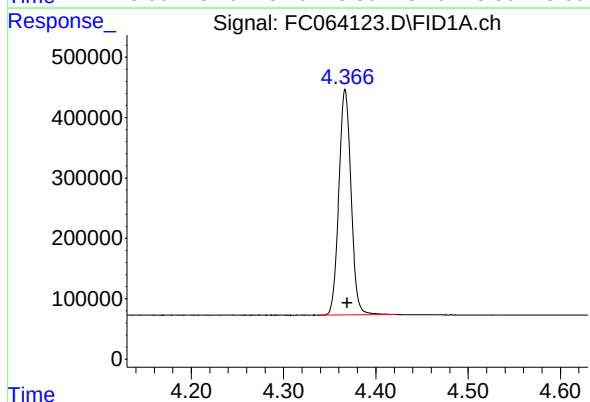
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3385212
Conc: 18.98 ug/ml

Instrument :
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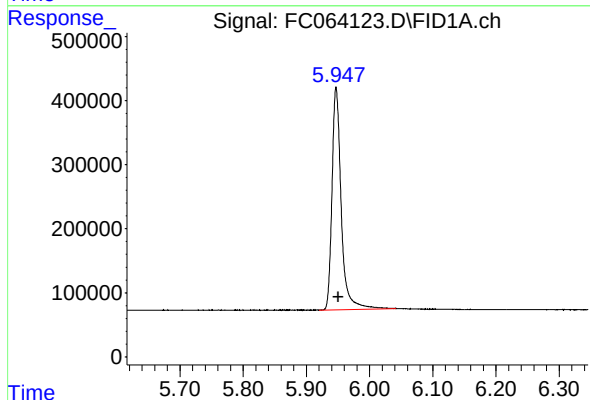
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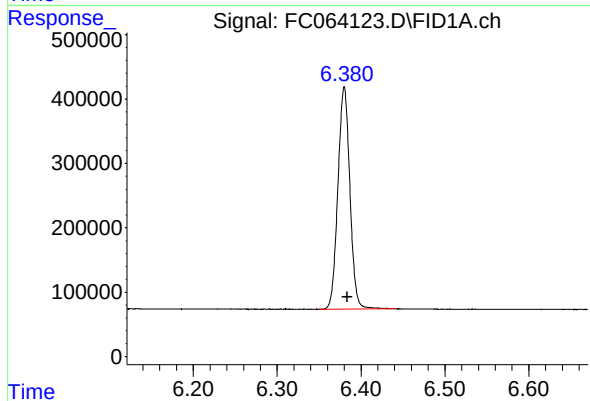
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3432872
Conc: 18.97 ug/ml



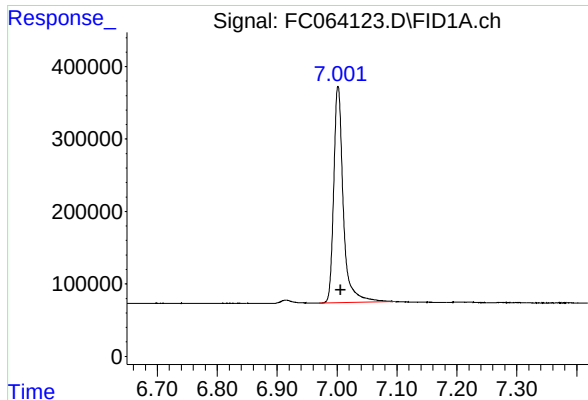
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 3515741
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.004 min
Response: 3427776
Conc: 19.03 ug/ml



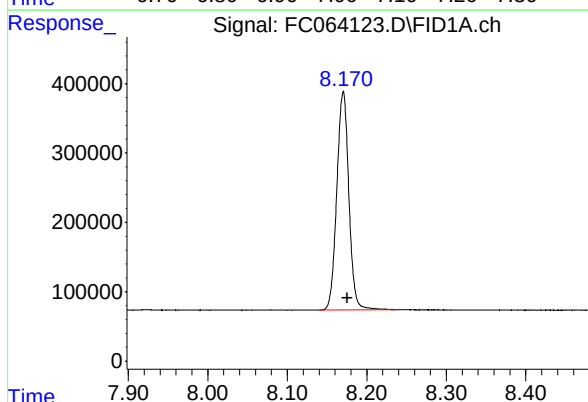
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 3319027
Conc: 18.86 ug/ml

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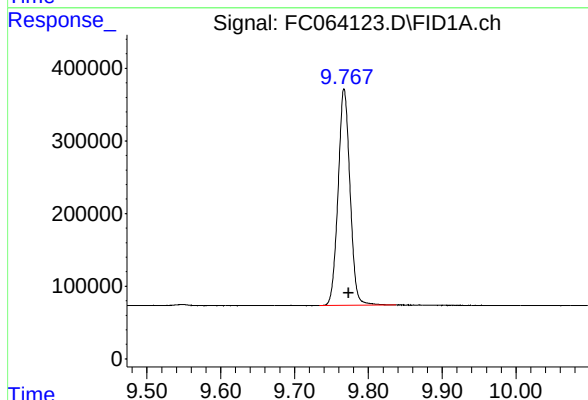
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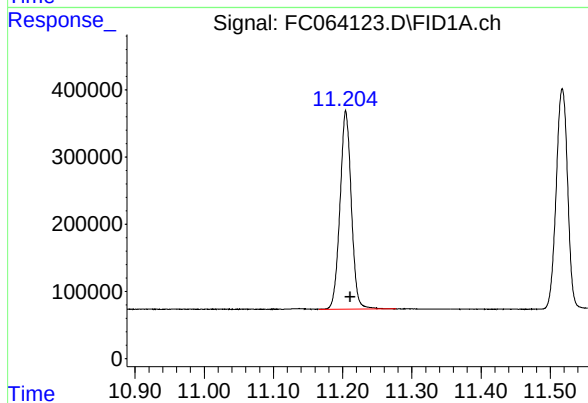
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 3317918
Conc: 19.18 ug/ml



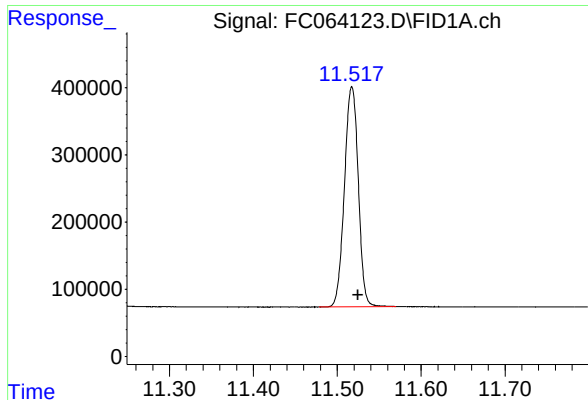
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.006 min
Response: 3350005
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: -0.007 min
Response: 3353022
Conc: 19.46 ug/ml m



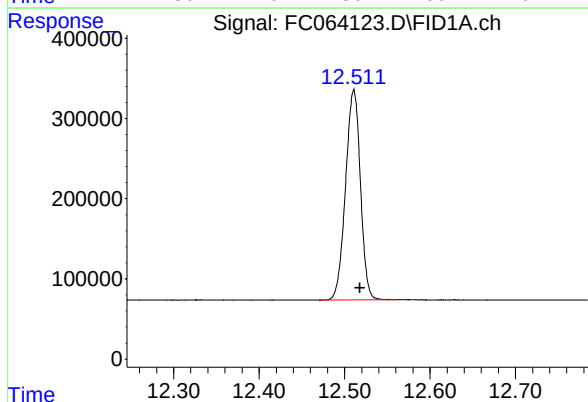
#9 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: -0.008 min
Response: 3760397
Conc: 19.37 ug/ml

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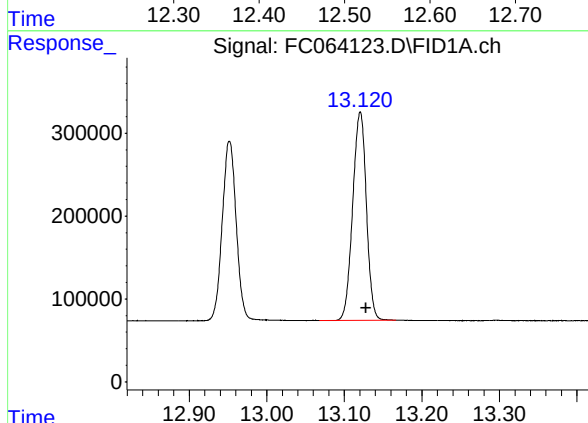
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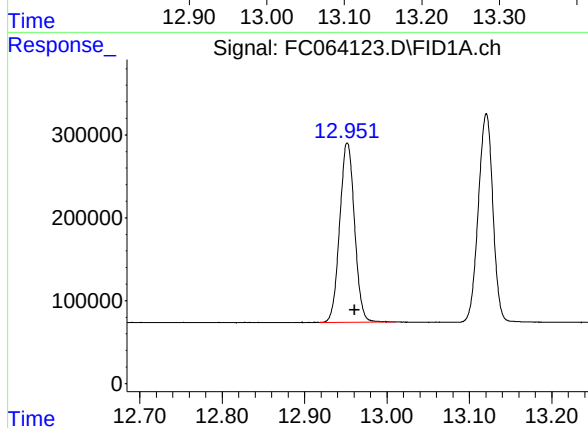
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 3166962
Conc: 19.40 ug/ml



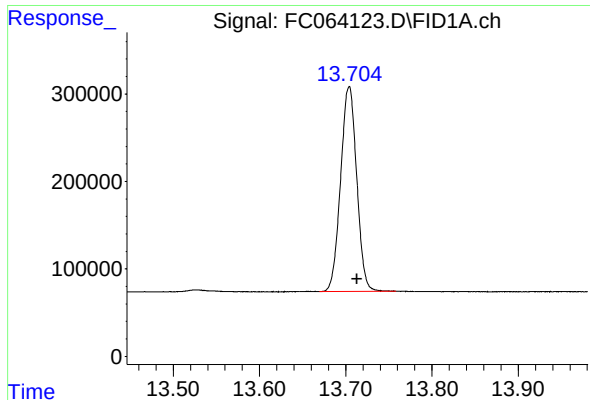
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: -0.007 min
Response: 3081965
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.009 min
Response: 2704566
Conc: 19.44 ug/ml



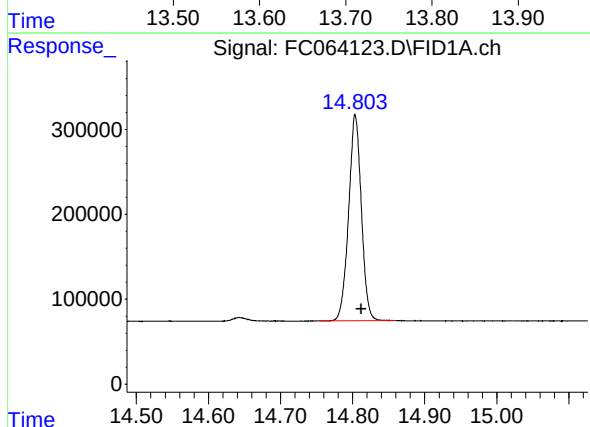
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: -0.009 min
Response: 3039349
Conc: 19.34 ug/ml

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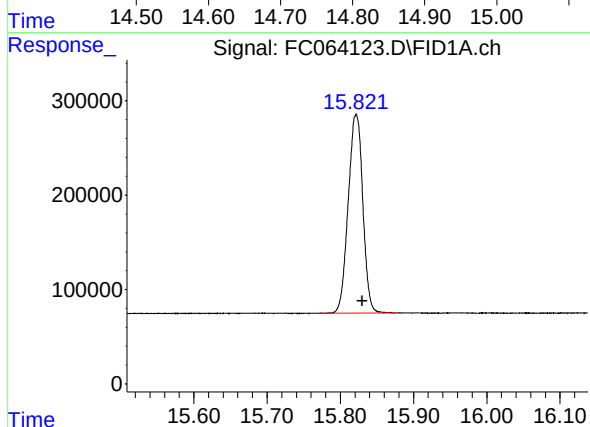
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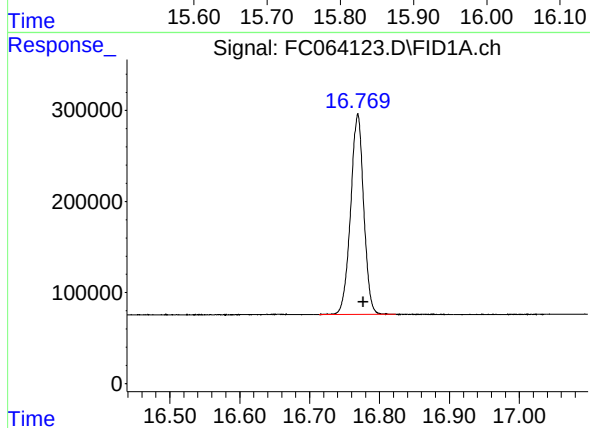
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.009 min
Response: 2986677
Conc: 18.95 ug/ml



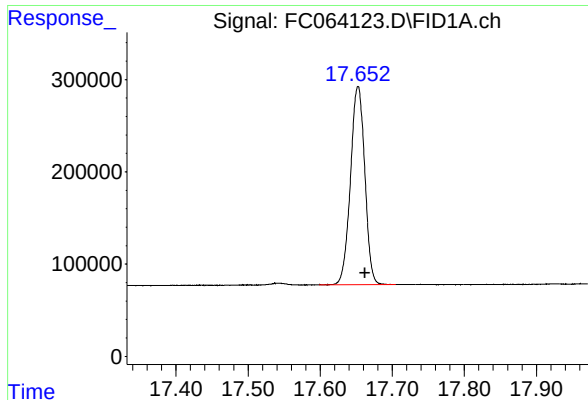
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: -0.009 min
Response: 2918127
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: -0.008 min
Response: 2866676
Conc: 19.02 ug/ml



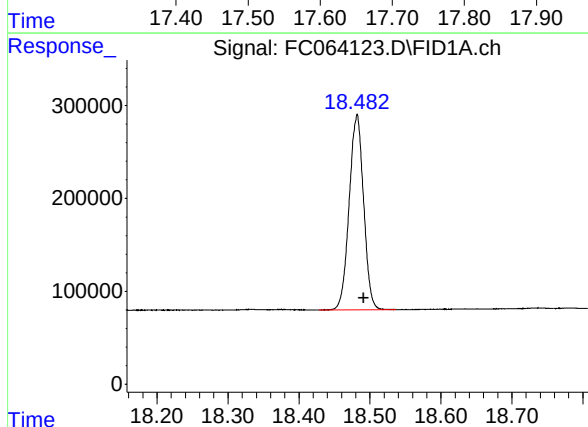
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.009 min
Response: 2966698
Conc: 19.00 ug/ml

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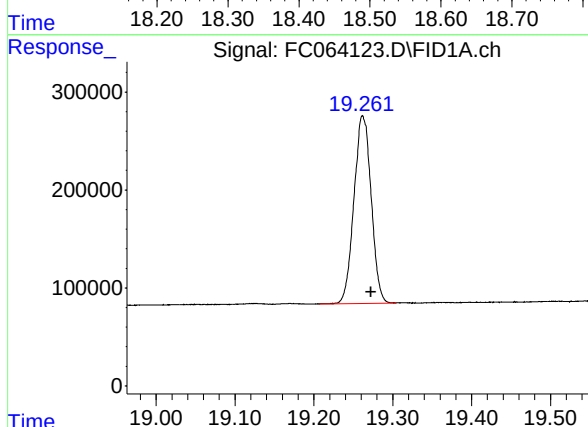
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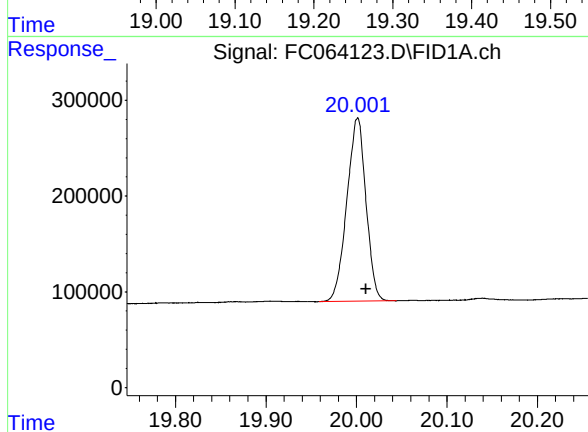
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.009 min
Response: 2964533
Conc: 18.77 ug/ml



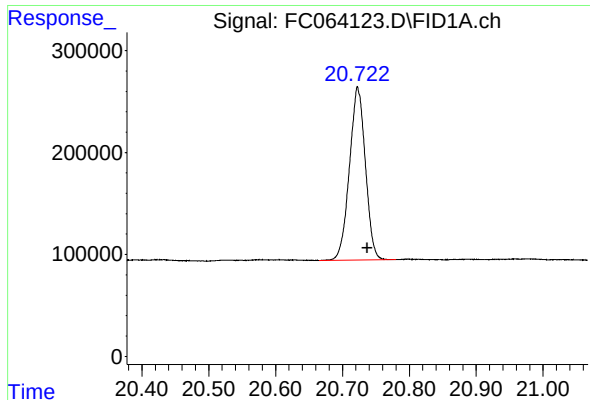
#19 n-Tetatriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.010 min
Response: 2898976
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: -0.009 min
Response: 2811561
Conc: 19.04 ug/ml m



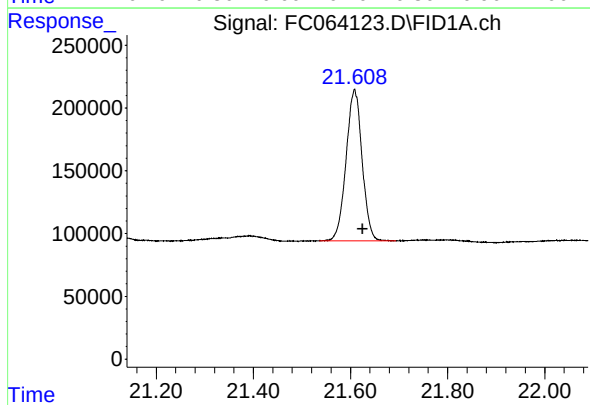
#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: -0.015 min
Response: 2804123
Conc: 18.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: -0.017 min
Response: 2756495
Conc: 18.91 ug/ml