

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066518.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 15:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 04:07:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.557	2968198	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.996	2255325	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.312	2733149	19.529 ug/ml
2) T n-Decane (C10)	4.381	2791199	19.399 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3087942	19.378 ug/ml
4) T n-Dodecane (C12)	6.401	2804797	19.478 ug/ml
5) T A~2-methylnaphthalene...	7.022	2981179	19.438 ug/ml
6) T n-Tetradecane (C14)	8.198	2754834	19.514 ug/ml
7) T n-Hexadecane (C16)	9.799	2824795	19.655 ug/ml
8) T n-Octadecane (C18)	11.242	2817879	19.691 ug/ml
10) T n-Eicosane (C20)	12.553	2680653	19.701 ug/ml
11) T n-Heneicosane (C21)	13.164	2624216	19.686 ug/ml
13) T n-Docosane (C22)	13.750	2603025	19.750 ug/ml
14) T n-Tetracosane (C24)	14.854	2574960	19.781 ug/ml
15) T n-Hexacosane (C26)	15.875	2510070	19.736 ug/ml
16) T n-Octacosane (C28)	16.825	2475190	19.937 ug/ml
17) T n-Tricontane (C30)	17.712	2542528	20.174 ug/ml
18) T n-Dotriacontane (C32)	18.546	2509482	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2413564	20.126 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2333022	19.256 ug/ml
21) T n-Octatriacontane (C38)	20.806	2258314	19.522 ug/ml
22) T n-Tetracontane (C40)	21.717	2190982	17.886 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

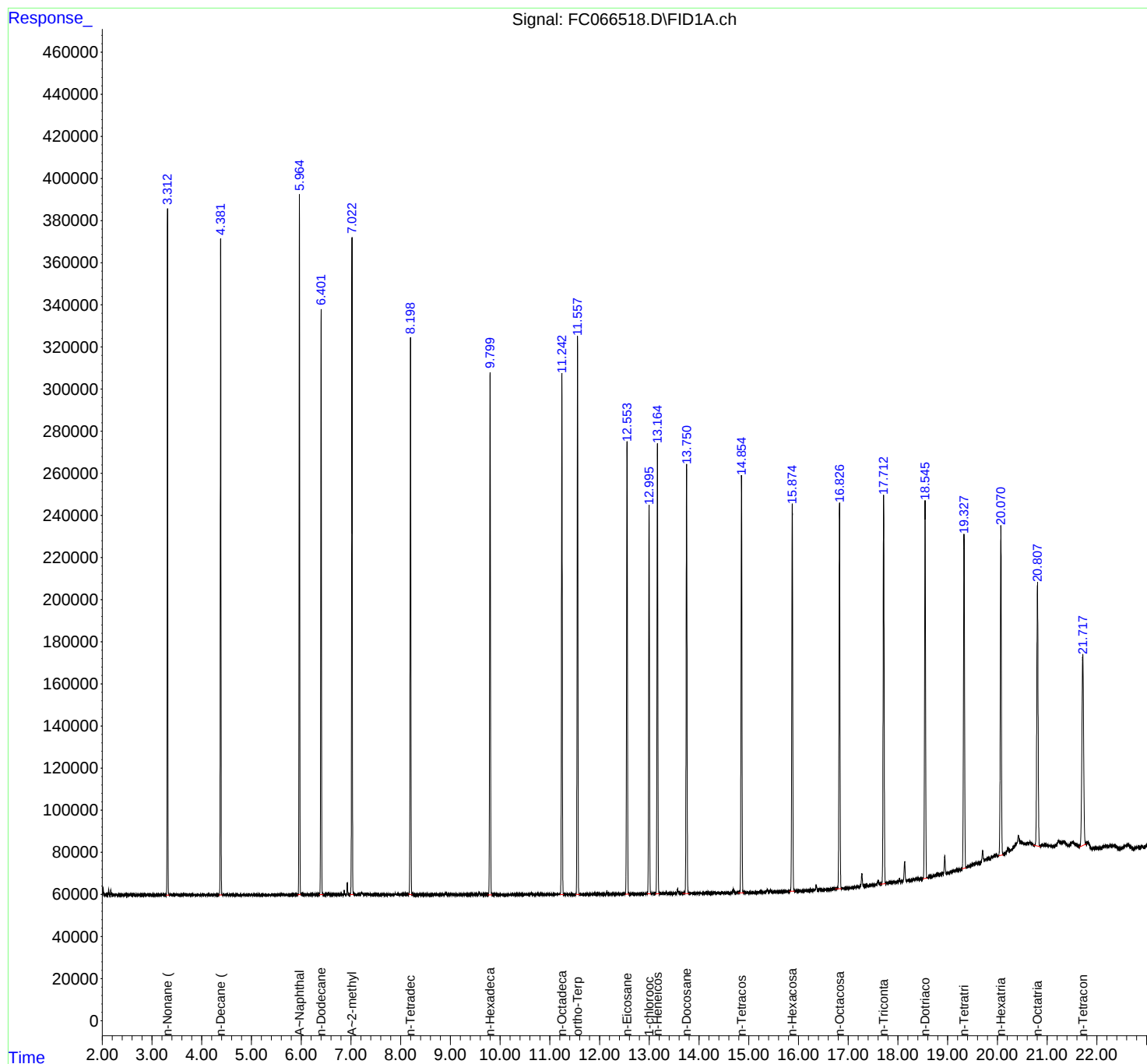
Instrument :
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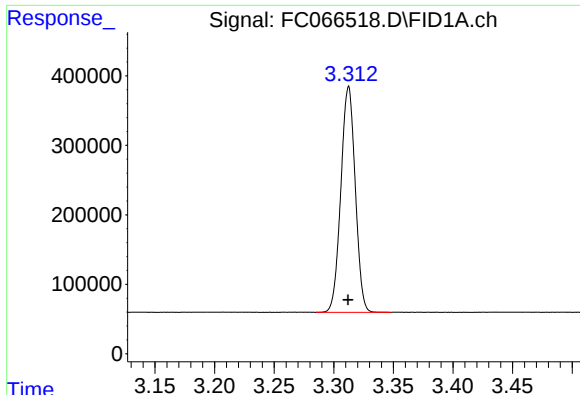
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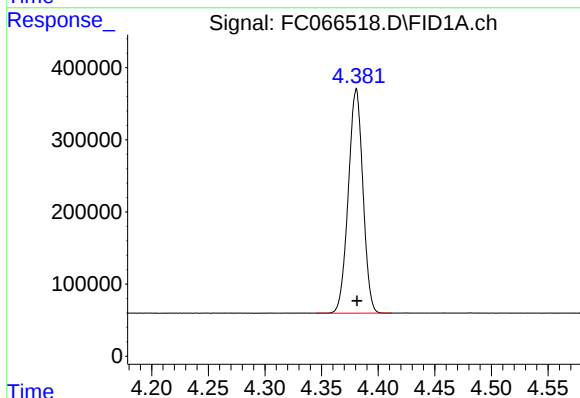
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2733149
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

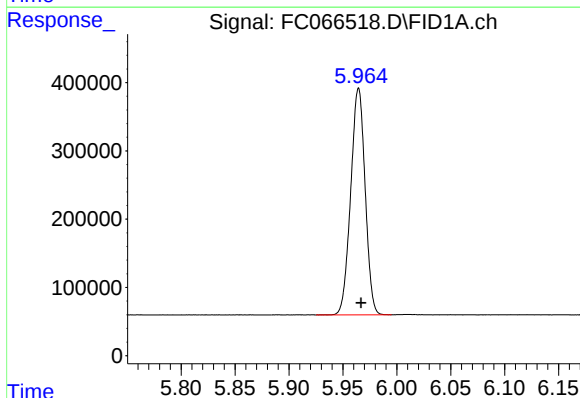
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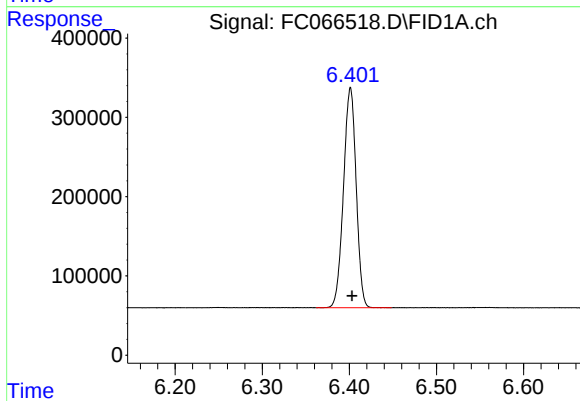
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2791199
Conc: 19.40 ug/ml



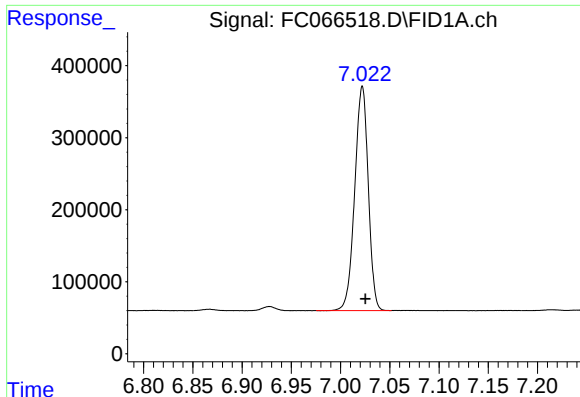
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 3087942
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 2804797
Conc: 19.48 ug/ml



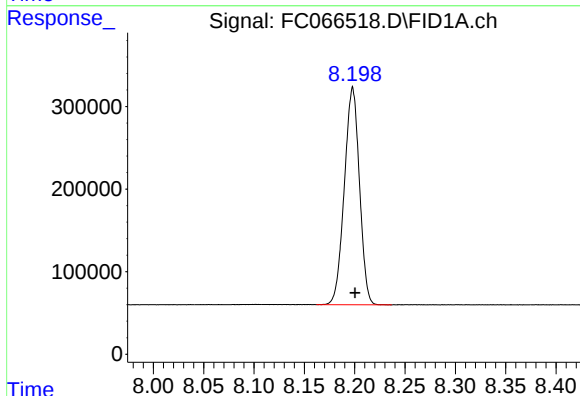
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 2981179
Conc: 19.44 ug/ml

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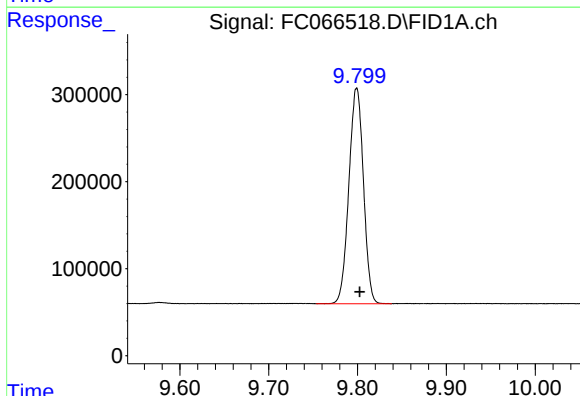
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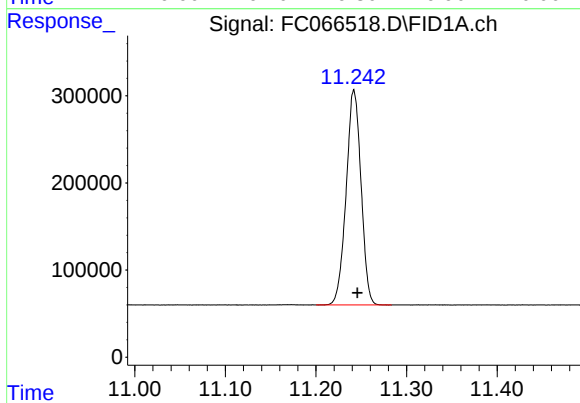
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 2754834
Conc: 19.51 ug/ml



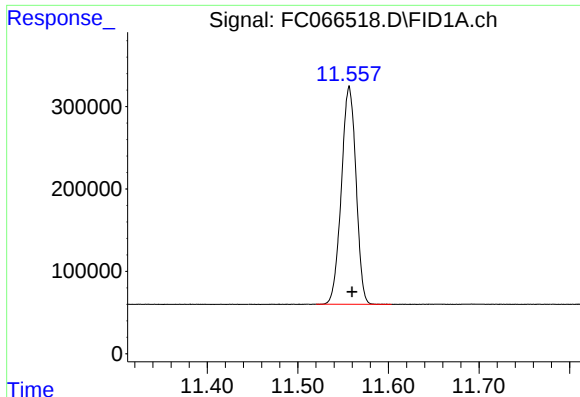
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.004 min
Response: 2824795
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.004 min
Response: 2817879
Conc: 19.69 ug/ml



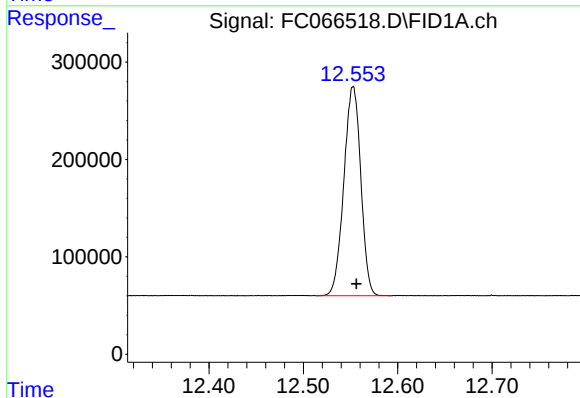
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.003 min
Response: 2968198
Conc: 19.53 ug/ml

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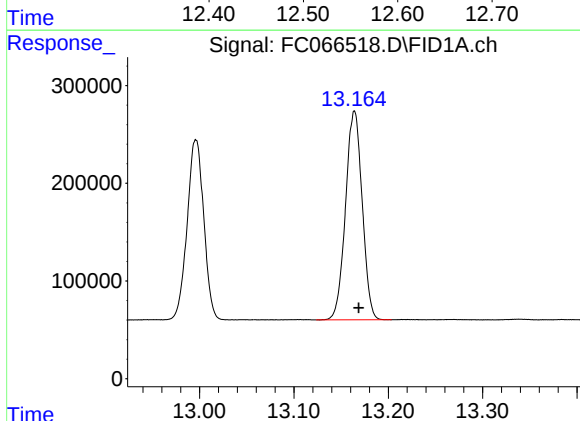
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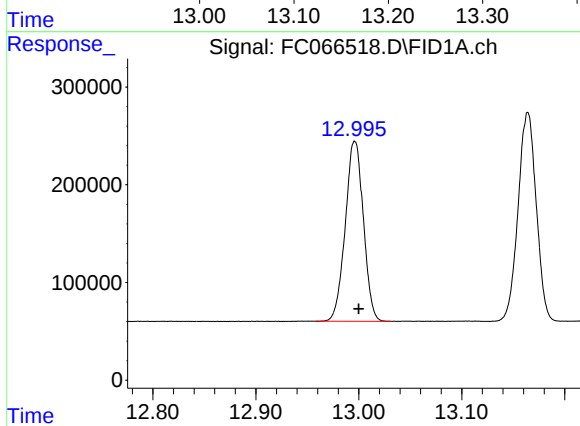
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.003 min
Response: 2680653
Conc: 19.70 ug/ml



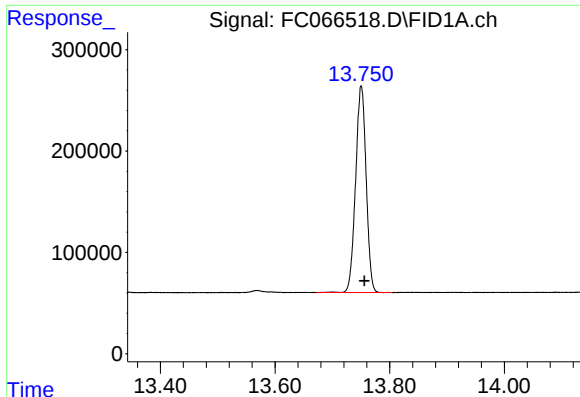
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.005 min
Response: 2624216
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.004 min
Response: 2255325
Conc: 19.74 ug/ml



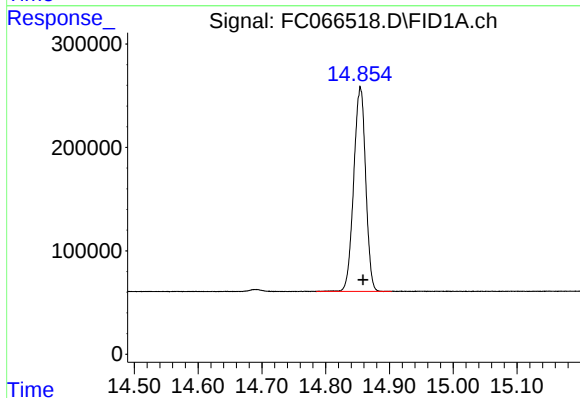
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.005 min
Response: 2603025
Conc: 19.75 ug/ml

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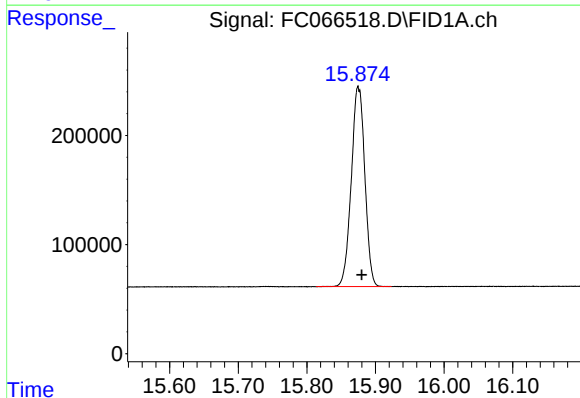
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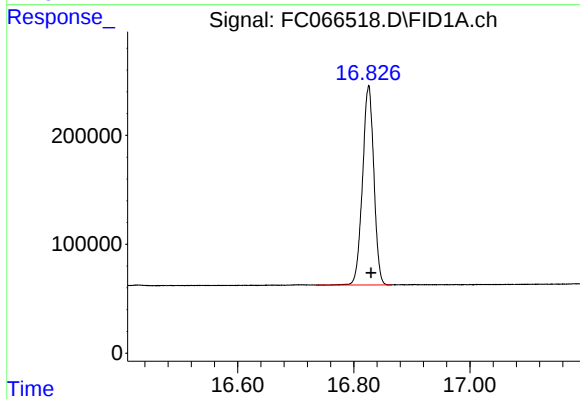
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.004 min
Response: 2574960
Conc: 19.78 ug/ml



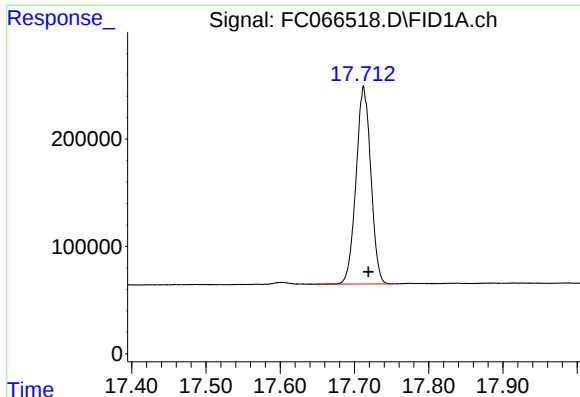
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 2510070
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.005 min
Response: 2475190
Conc: 19.94 ug/ml



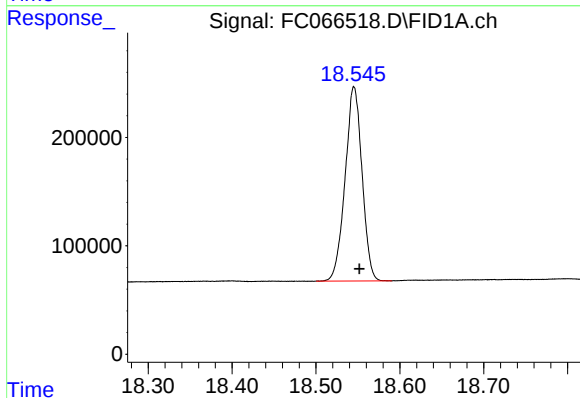
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.006 min
Response: 2542528
Conc: 20.17 ug/ml

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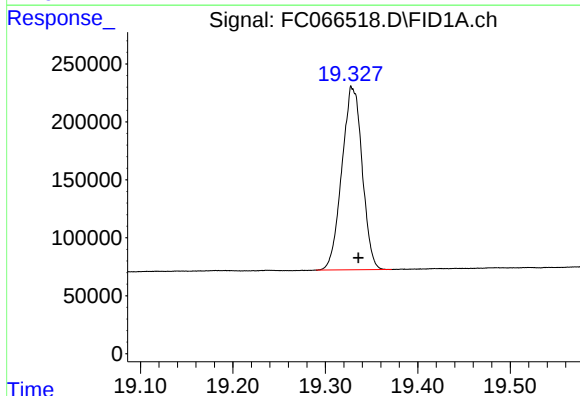
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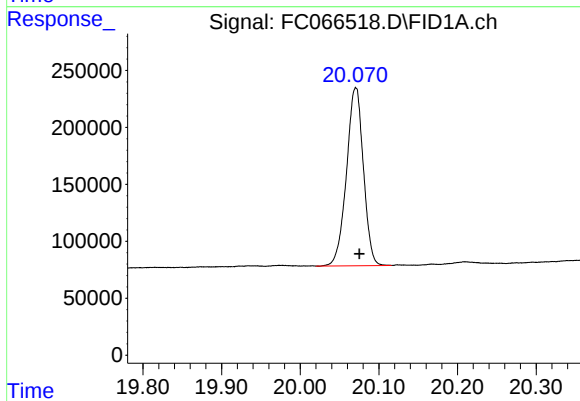
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.006 min
Response: 2509482
Conc: 20.39 ug/ml



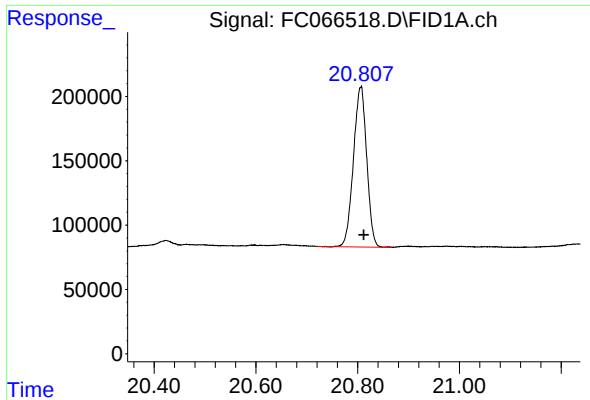
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.006 min
Response: 2413564
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: -0.005 min
Response: 2333022
Conc: 19.26 ug/ml



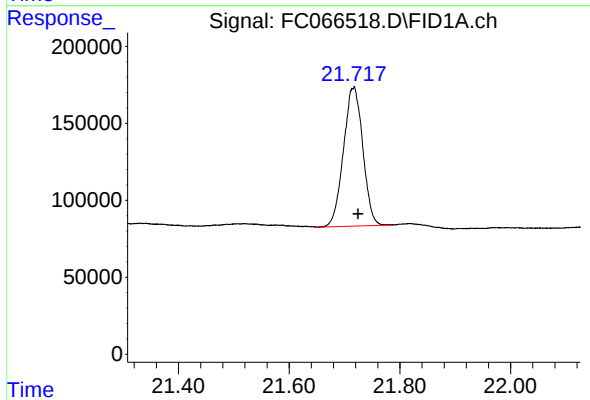
#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.006 min
Response: 2258314
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.007 min
Response: 2190982
Conc: 17.89 ug/ml m