

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032824AL\
 Data File : FC066129.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 14:10
 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 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 02:22:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.470	3220335	16.478 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
12) S 1-chlorooctadecane (S...	12.897	2391712	16.405 ug/ml
Spiked Amount 50.000		Recovery =	32.81%
Target Compounds			
1) T n-Nonane (C9)	3.277	2669781	15.980 ug/ml
2) T n-Decane (C10)	4.336	2794698	16.114 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2948882	16.432 ug/ml
4) T n-Dodecane (C12)	6.344	2908375	16.504 ug/ml
5) T A~2-methylnaphthalene...	6.982	2651560	15.566 ug/ml
6) T n-Tetradecane (C14)	8.131	2768597	15.921 ug/ml
7) T n-Hexadecane (C16)	9.722	2891225	16.184 ug/ml
8) T n-Octadecane (C18)	11.155	2955581	16.261 ug/ml
10) T n-Eicosane (C20)	12.455	2845202	16.294 ug/ml
11) T n-Heneicosane (C21)	13.061	2851788	16.448 ug/ml
13) T n-Docosane (C22)	13.643	2945592	17.127 ug/ml
14) T n-Tetracosane (C24)	14.738	3031616	17.750 ug/ml
15) T n-Hexacosane (C26)	15.752	3072063	18.244 ug/ml
16) T n-Octacosane (C28)	16.694	3222934	19.385 ug/ml
17) T n-Tricontane (C30)	17.576	3484339	20.407 ug/ml
18) T n-Dotriacontane (C32)	18.401	3504512	20.789 ug/mlm
19) T n-Tetratriacontane (C34)	19.180	3231740	19.718 ug/ml
20) T n-Hexatriacontane (C36)	19.913	2971554	18.689 ug/mlm
21) T n-Octatriacontane (C38)	20.622	2817414	17.987 ug/ml
22) T n-Tetracontane (C40)	21.476	2718759	17.192 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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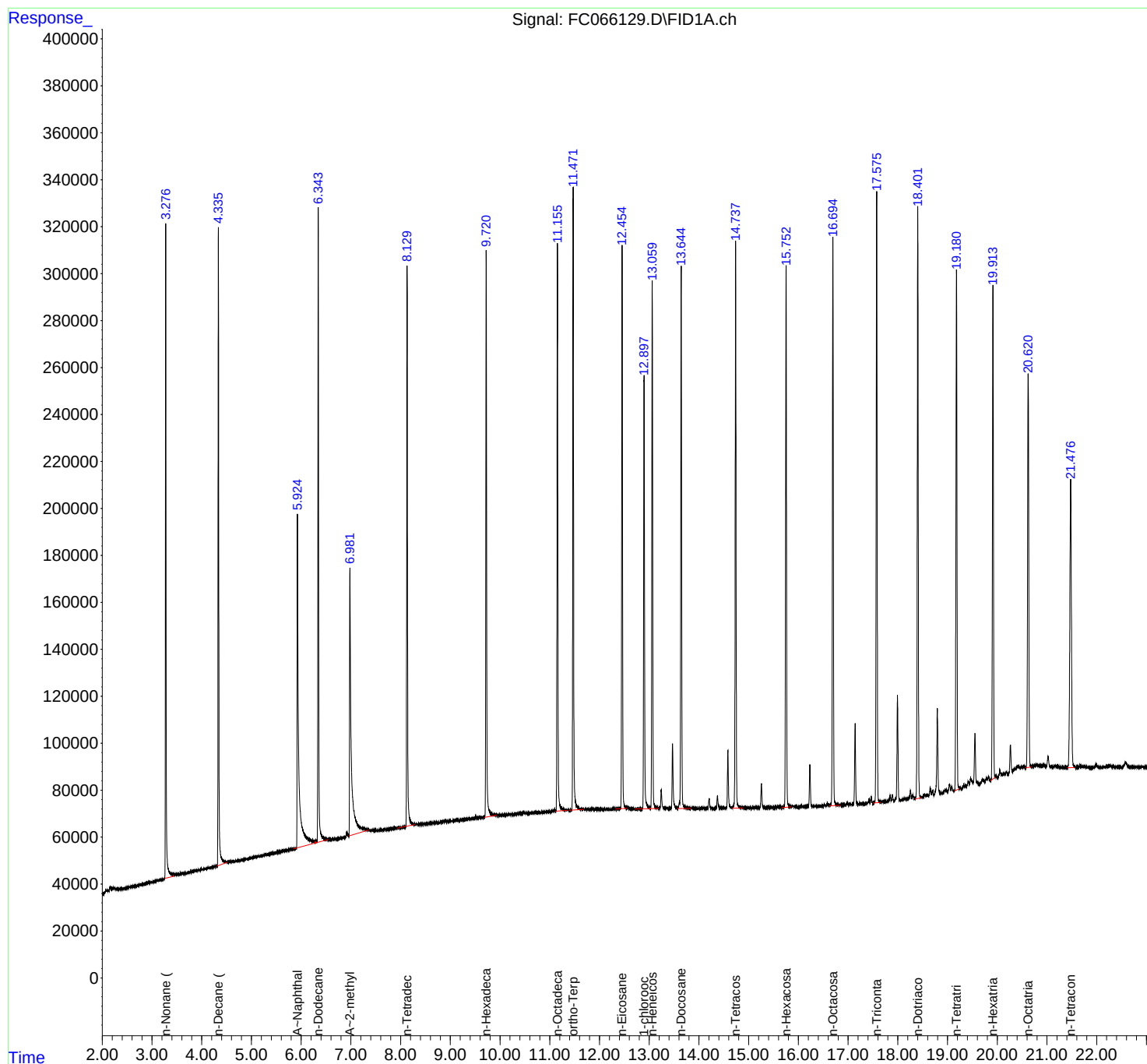
Instrument :
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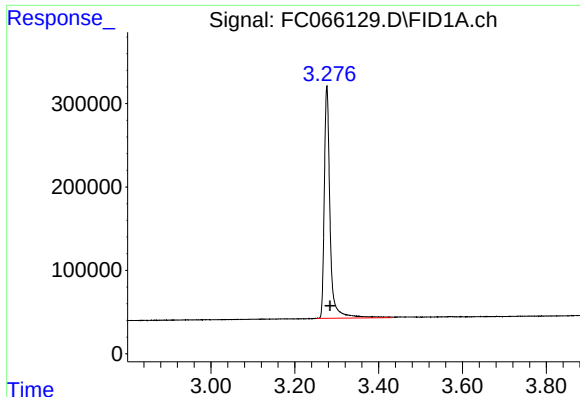
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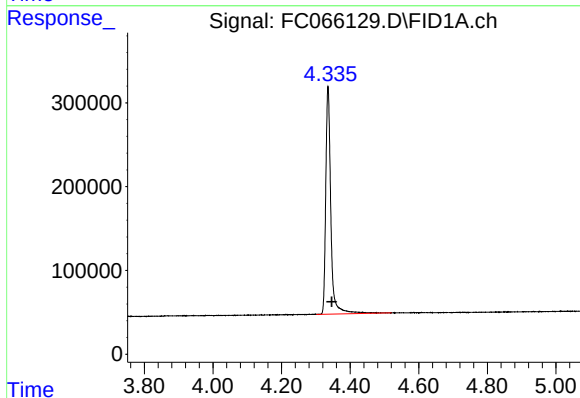
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 2669781
Conc: 15.98 ug/ml

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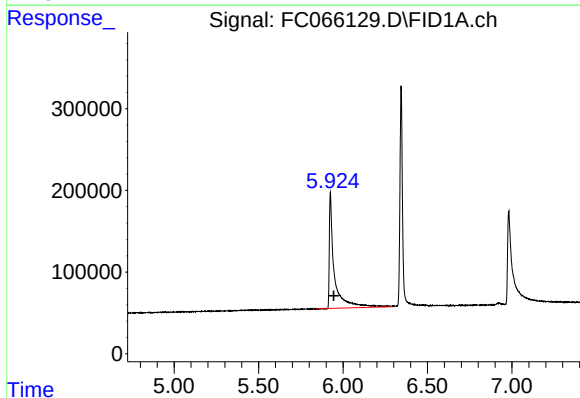
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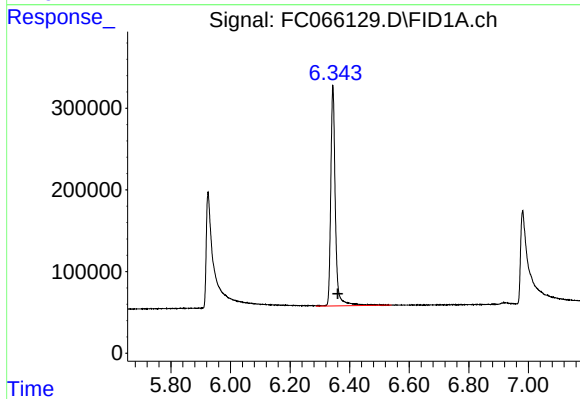
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.011 min
Response: 2794698
Conc: 16.11 ug/ml



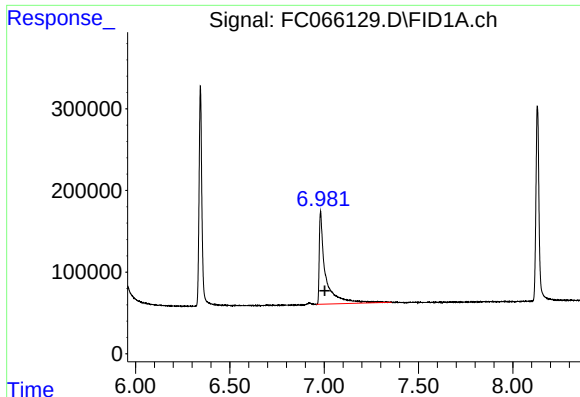
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.020 min
Response: 2948882
Conc: 16.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 2908375
Conc: 16.50 ug/ml



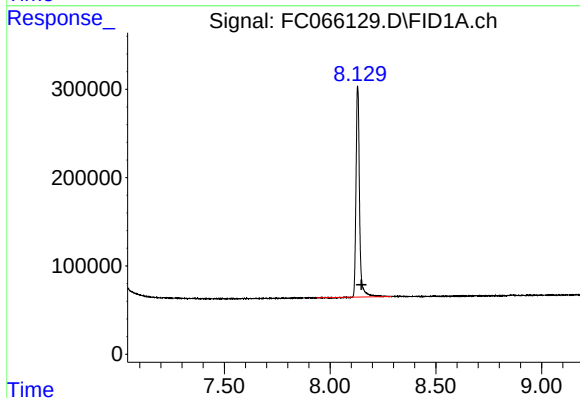
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.021 min
Response: 2651560
Conc: 15.57 ug/ml

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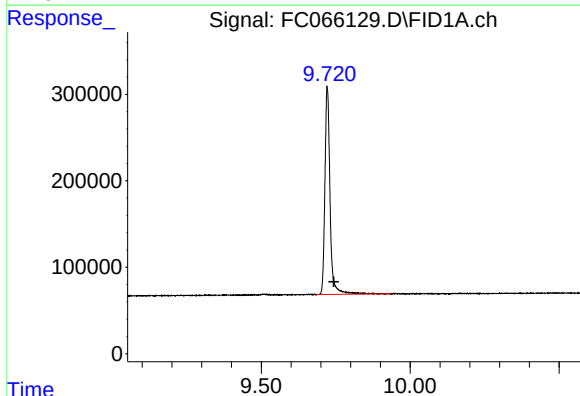
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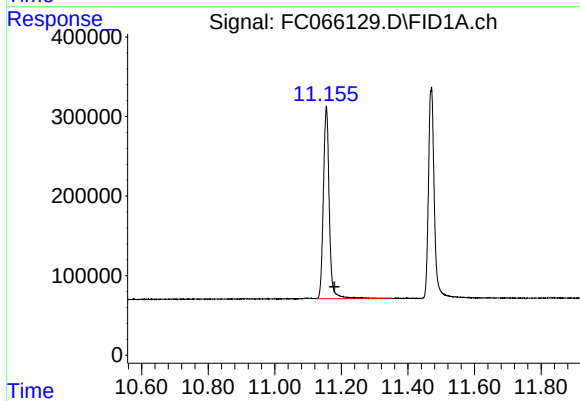
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 2768597
Conc: 15.92 ug/ml



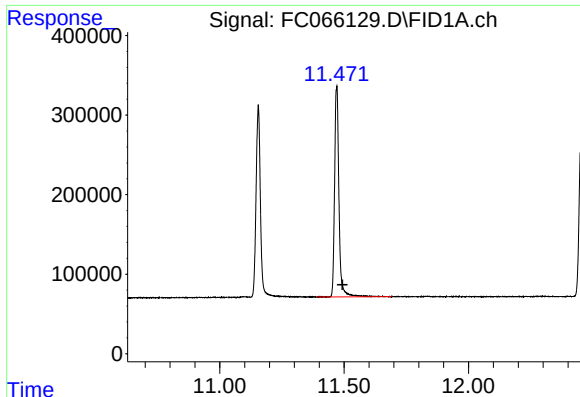
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.022 min
Response: 2891225
Conc: 16.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 2955581
Conc: 16.26 ug/ml



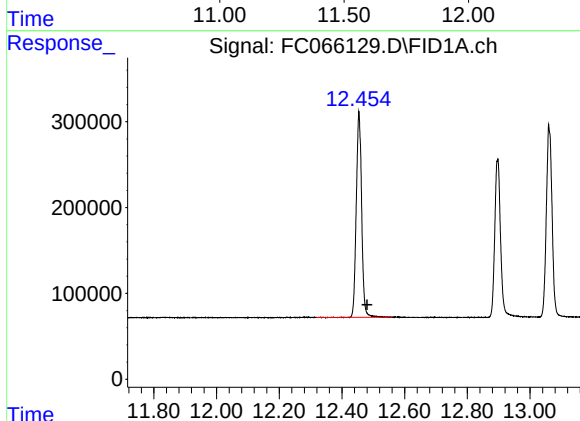
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.023 min
Response: 3220335
Conc: 16.48 ug/ml

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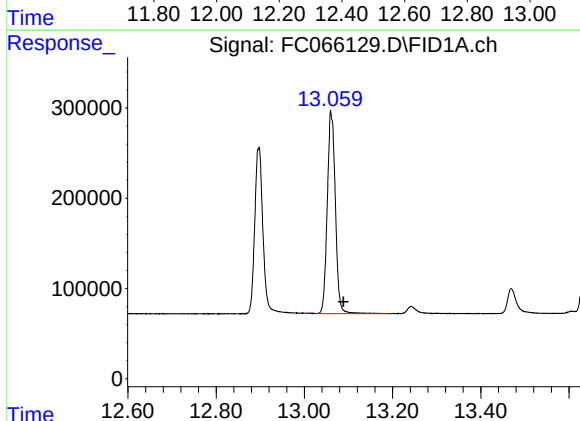
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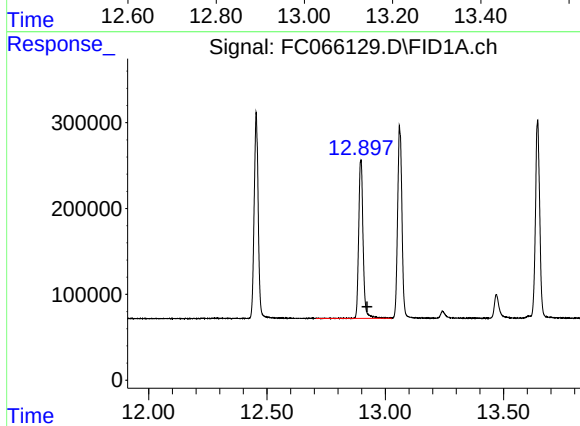
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.026 min
Response: 2845202
Conc: 16.29 ug/ml



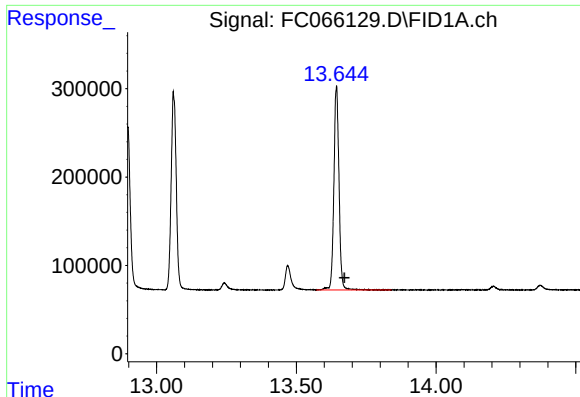
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: -0.027 min
Response: 2851788
Conc: 16.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.027 min
Response: 2391712
Conc: 16.41 ug/ml



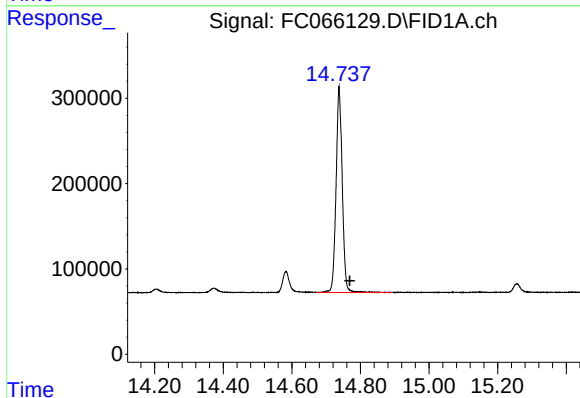
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: -0.028 min
Response: 2945592
Conc: 17.13 ug/ml

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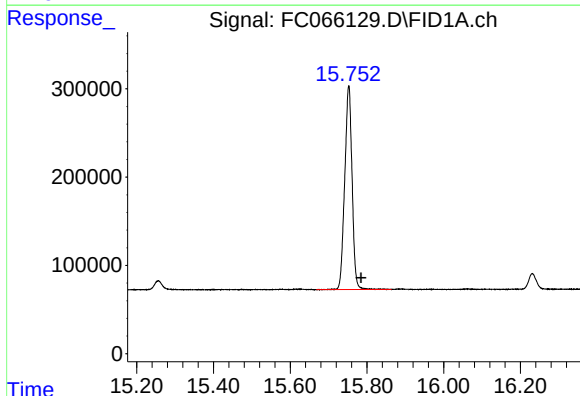
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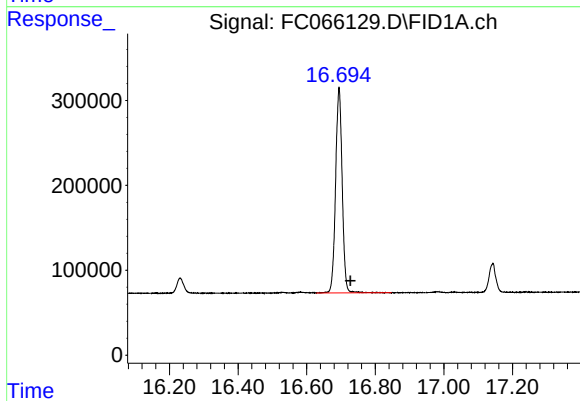
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.031 min
Response: 3031616
Conc: 17.75 ug/ml



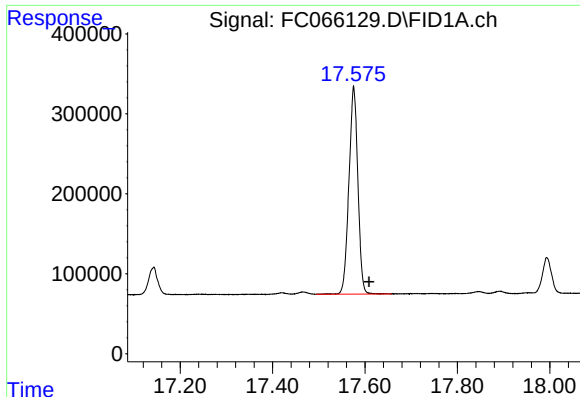
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.032 min
Response: 3072063
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.033 min
Response: 3222934
Conc: 19.38 ug/ml



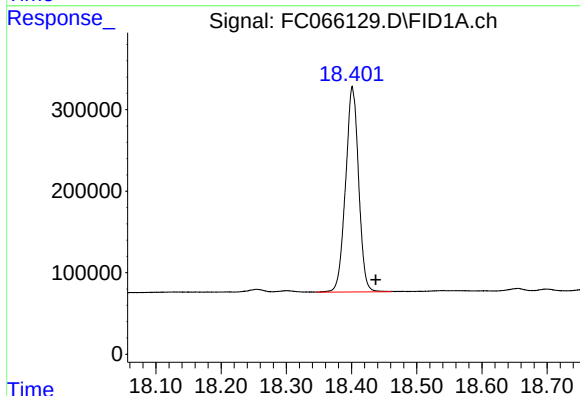
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.033 min
Response: 3484339
Conc: 20.41 ug/ml

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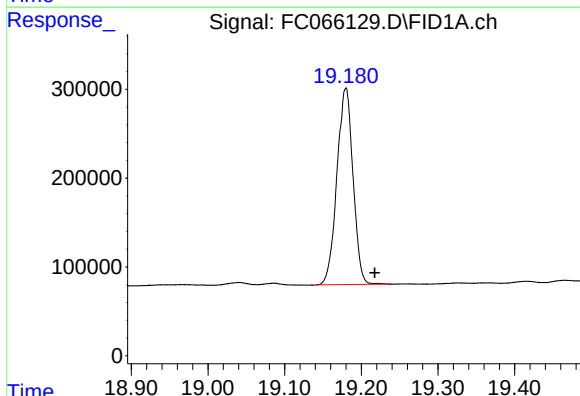
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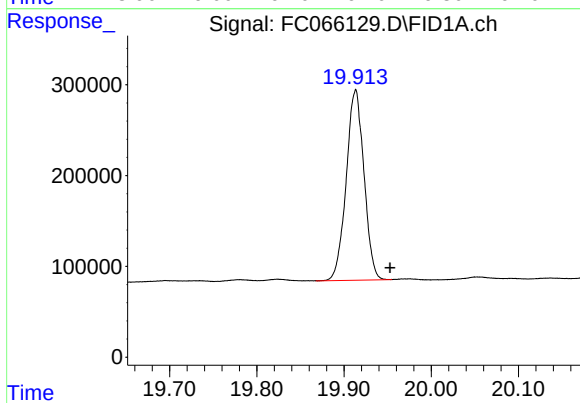
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.036 min
Response: 3504512
Conc: 20.79 ug/ml m



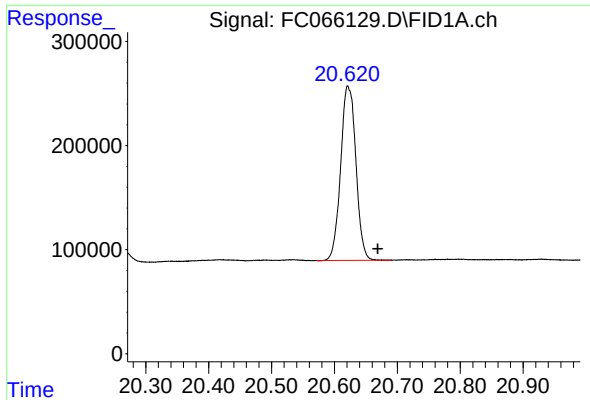
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.038 min
Response: 3231740
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.040 min
Response: 2971554
Conc: 18.69 ug/ml m



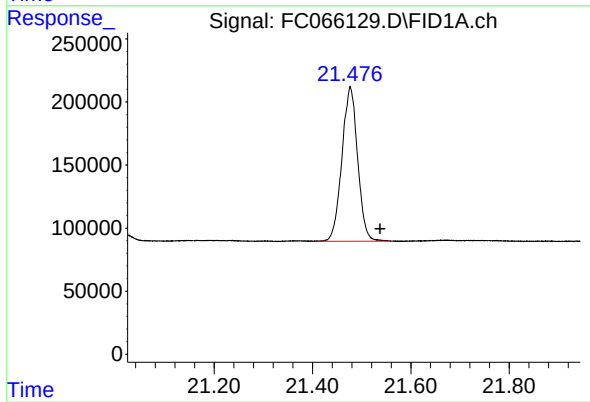
#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.047 min
Response: 2817414
Conc: 17.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.061 min
Response: 2718759
Conc: 17.19 ug/ml m