

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110923AL\
 Data File : FC065086.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2023 23:50
 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 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File: autoint1.e
 Quant Time: Nov 10 00:37:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.510	4396533	19.977 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	12.941	3187572	20.164 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.307	3685234	19.492 ug/ml
2) T n-Decane (C10)	4.368	3757813	19.763 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3823525	19.803 ug/ml
4) T n-Dodecane (C12)	6.379	3804637	19.695 ug/ml
5) T A~2-methylnaphthalene...	7.003	3643524	19.827 ug/ml
6) T n-Tetradecane (C14)	8.167	3738990	19.816 ug/ml
7) T n-Hexadecane (C16)	9.761	3783055	20.014 ug/ml
8) T n-Octadecane (C18)	11.196	3802836	20.150 ug/ml
10) T n-Eicosane (C20)	12.498	3613462	20.099 ug/ml
11) T n-Heneicosane (C21)	13.107	3527284	20.091 ug/ml
13) T n-Docosane (C22)	13.691	3458681	20.135 ug/ml
14) T n-Tetracosane (C24)	14.789	3346878	20.095 ug/ml
15) T n-Hexacosane (C26)	15.804	3231585	20.133 ug/ml
16) T n-Octacosane (C28)	16.751	3192552	20.400 ug/ml
17) T n-Tricontane (C30)	17.635	3304711	20.864 ug/ml
18) T n-Dotriacontane (C32)	18.465	3318430	21.017 ug/ml
19) T n-Tetratriacontane (C34)	19.244	3189081	20.893 ug/ml
20) T n-Hexatriacontane (C36)	19.980	3104869	20.578 ug/mlm
21) T n-Octatriacontane (C38)	20.702	3035730	20.399 ug/ml
22) T n-Tetracontane (C40)	21.579	2924974	19.887 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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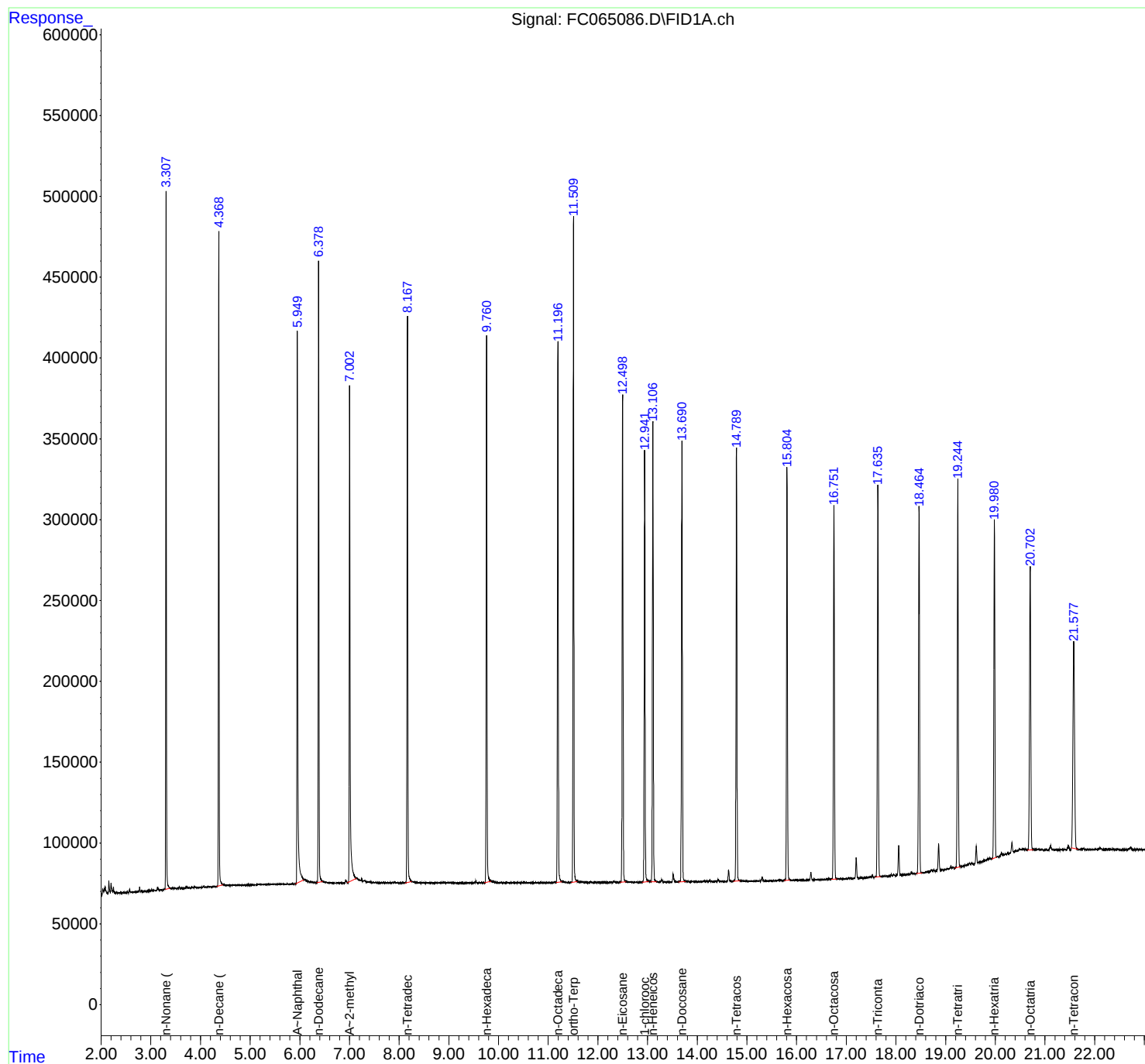
Instrument :
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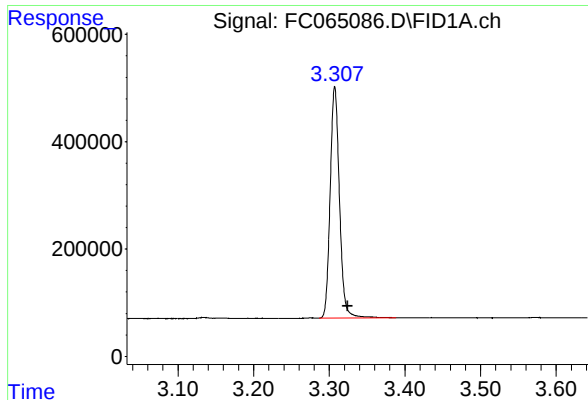
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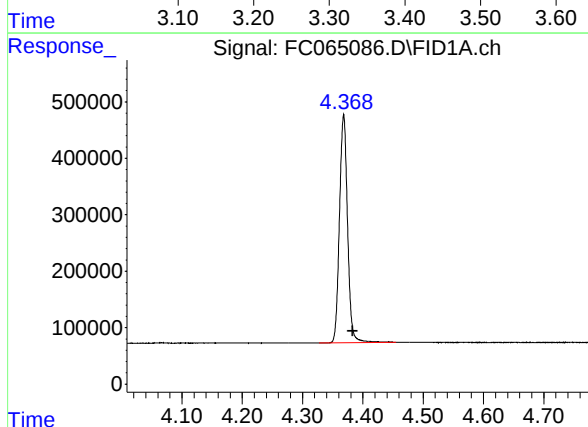
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.017 min
Response: 3685234
Conc: 19.49 ug/ml

Instrument :
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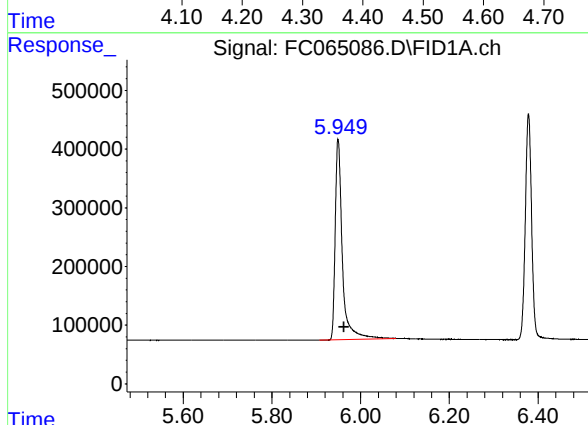
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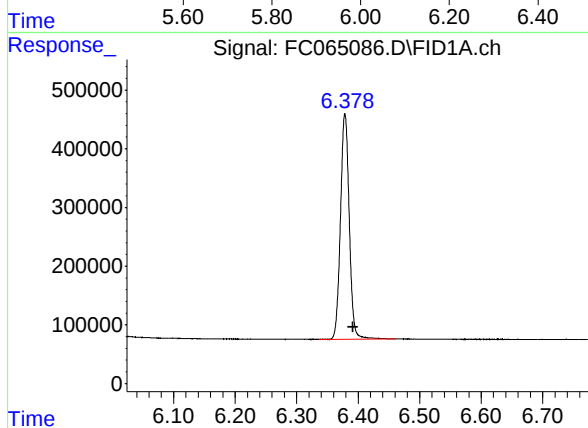
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 3757813
Conc: 19.76 ug/ml



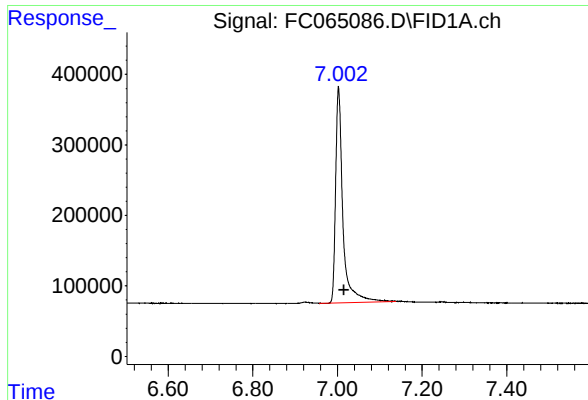
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 3823525
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 3804637
Conc: 19.70 ug/ml



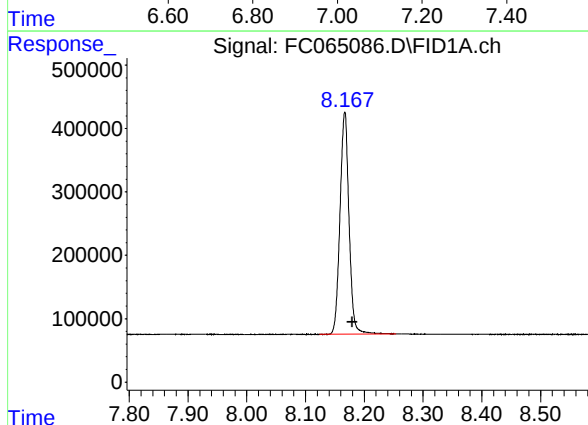
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 3643524
Conc: 19.83 ug/ml

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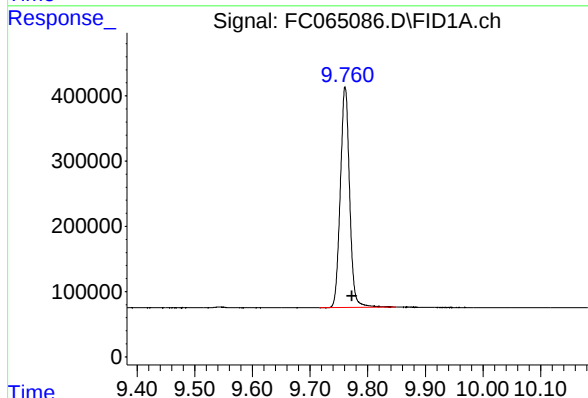
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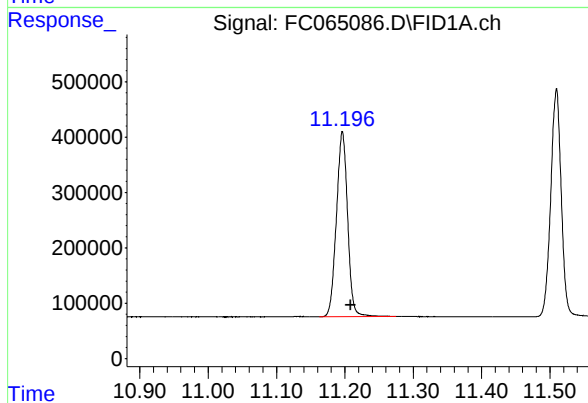
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 3738990
Conc: 19.82 ug/ml



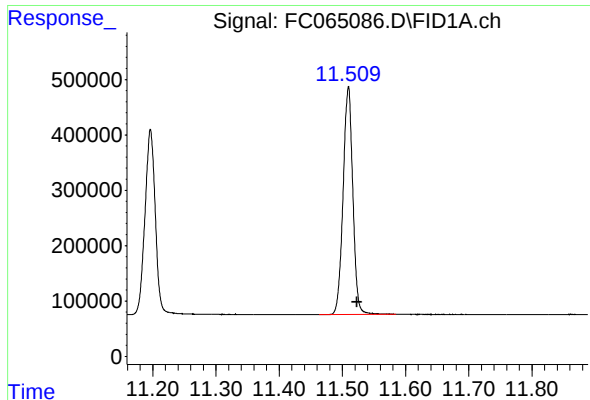
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 3783055
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 3802836
Conc: 20.15 ug/ml



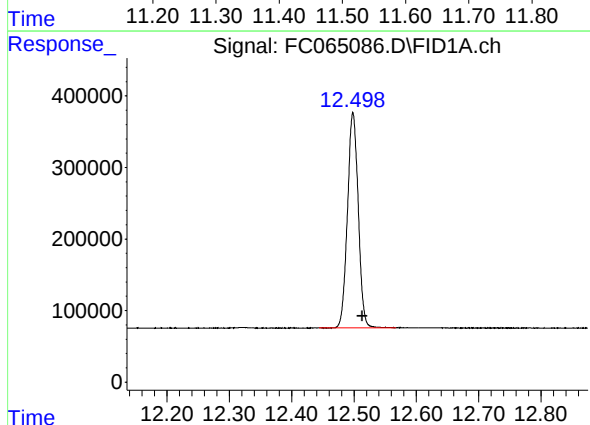
#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 4396533
Conc: 19.98 ug/ml

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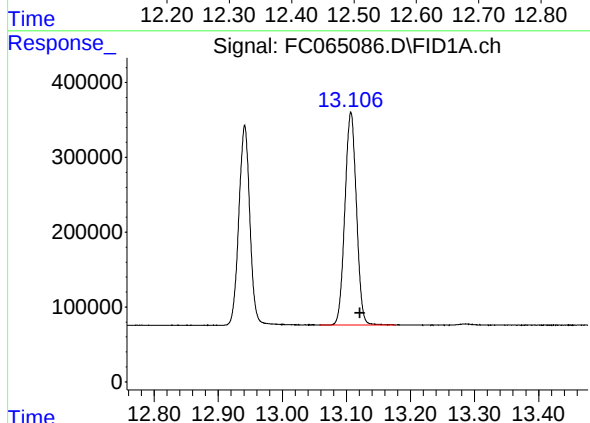
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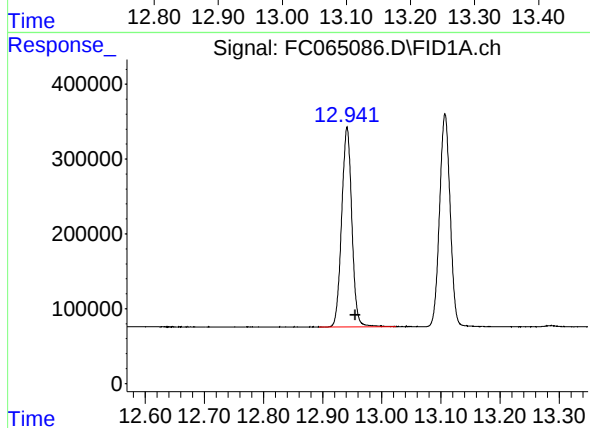
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.015 min
Response: 3613462
Conc: 20.10 ug/ml



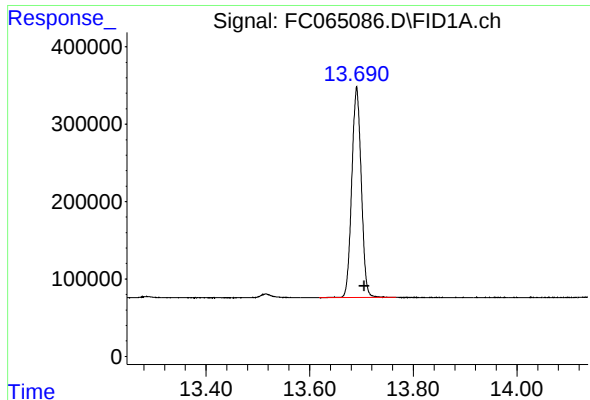
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 3527284
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 3187572
Conc: 20.16 ug/ml



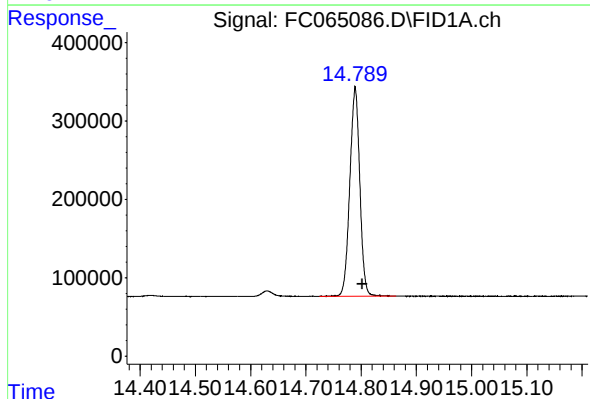
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.015 min
Response: 3458681
Conc: 20.14 ug/ml

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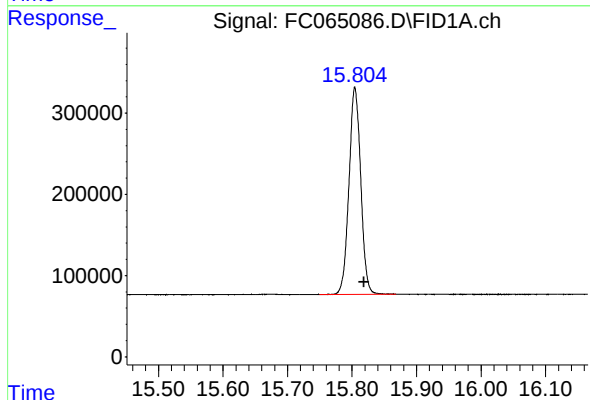
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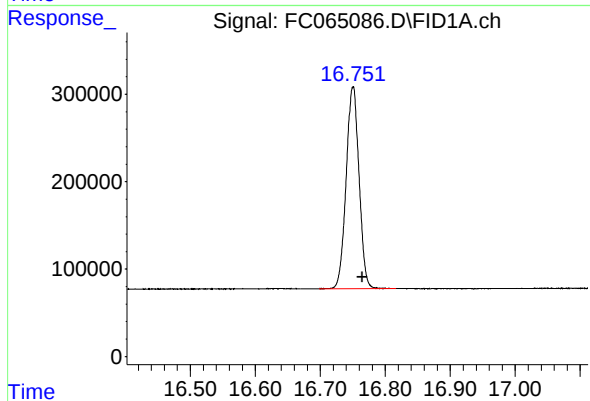
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 3346878
Conc: 20.09 ug/ml



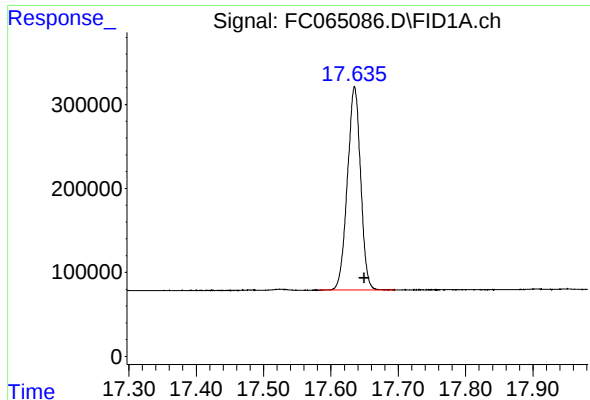
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.014 min
Response: 3231585
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.014 min
Response: 3192552
Conc: 20.40 ug/ml



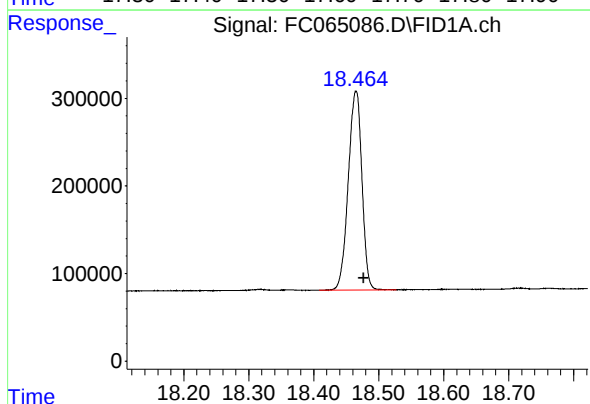
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 3304711
Conc: 20.86 ug/ml

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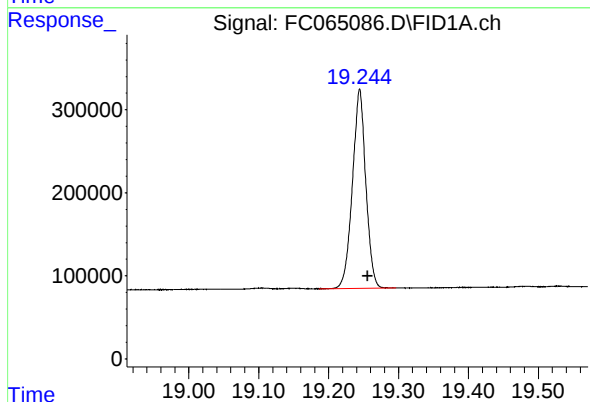
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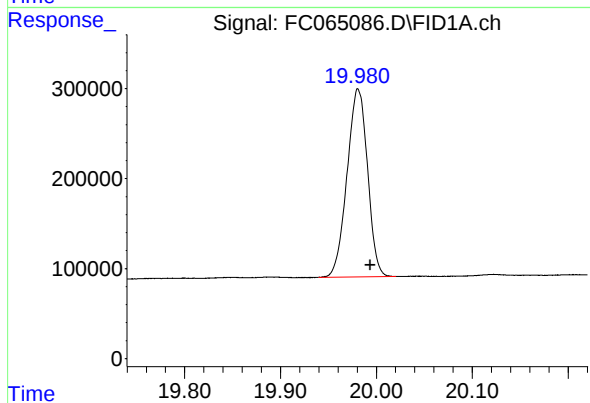
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 3318430
Conc: 21.02 ug/ml



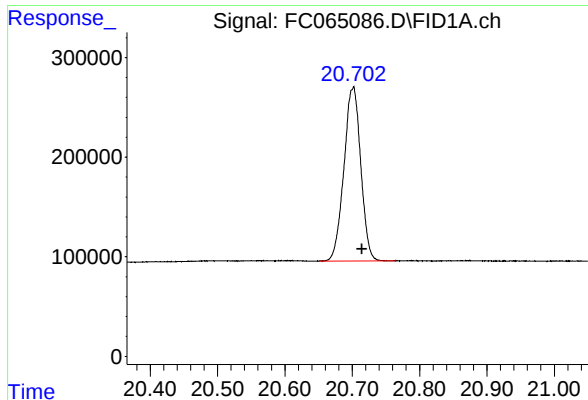
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.011 min
Response: 3189081
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 3104869
Conc: 20.58 ug/ml m



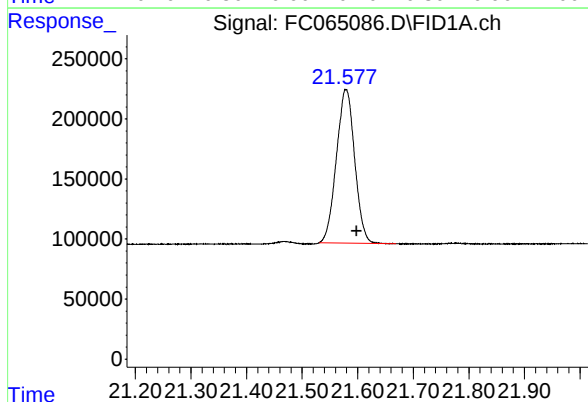
#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.013 min
Response: 3035730
Conc: 20.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.019 min
Response: 2924974
Conc: 19.89 ug/ml