

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
 Data File : FC065736.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 14:30
 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 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
 Quant Time: Feb 14 00:36:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.503	3700660	21.574 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
12) S 1-chlorooctadecane (S...	12.935	2746501	21.824 ug/ml
Spiked Amount 50.000		Recovery =	43.65%
Target Compounds			
1) T n-Nonane (C9)	3.292	3237313	21.548 ug/ml
2) T n-Decane (C10)	4.355	3326812	21.881 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3393245	22.004 ug/ml
4) T n-Dodecane (C12)	6.370	3323440	21.715 ug/ml
5) T A~2-methylnaphthalene...	6.997	3238089	22.740 ug/ml
6) T n-Tetradecane (C14)	8.159	3225384	21.725 ug/ml
7) T n-Hexadecane (C16)	9.754	3297999	21.992 ug/ml
8) T n-Octadecane (C18)	11.190	3344870	21.684 ug/ml
10) T n-Eicosane (C20)	12.493	3255496	21.649 ug/ml
11) T n-Heneicosane (C21)	13.101	3218492	21.520 ug/ml
13) T n-Docosane (C22)	13.685	3222512	21.725 ug/ml
14) T n-Tetracosane (C24)	14.782	3247834	21.844 ug/ml
15) T n-Hexacosane (C26)	15.798	3248972	21.924 ug/ml
16) T n-Octacosane (C28)	16.744	3269850	22.285 ug/ml
17) T n-Tricontane (C30)	17.626	3394860	22.615 ug/ml
18) T n-Dotriacontane (C32)	18.455	3389429	22.919 ug/ml
19) T n-Tetratriacontane (C34)	19.235	3269663	22.558 ug/ml
20) T n-Hexatriacontane (C36)	19.970	3146621	22.168 ug/mlm
21) T n-Octatriacontane (C38)	20.690	3195147	22.573 ug/ml
22) T n-Tetracontane (C40)	21.561	3018730	21.642 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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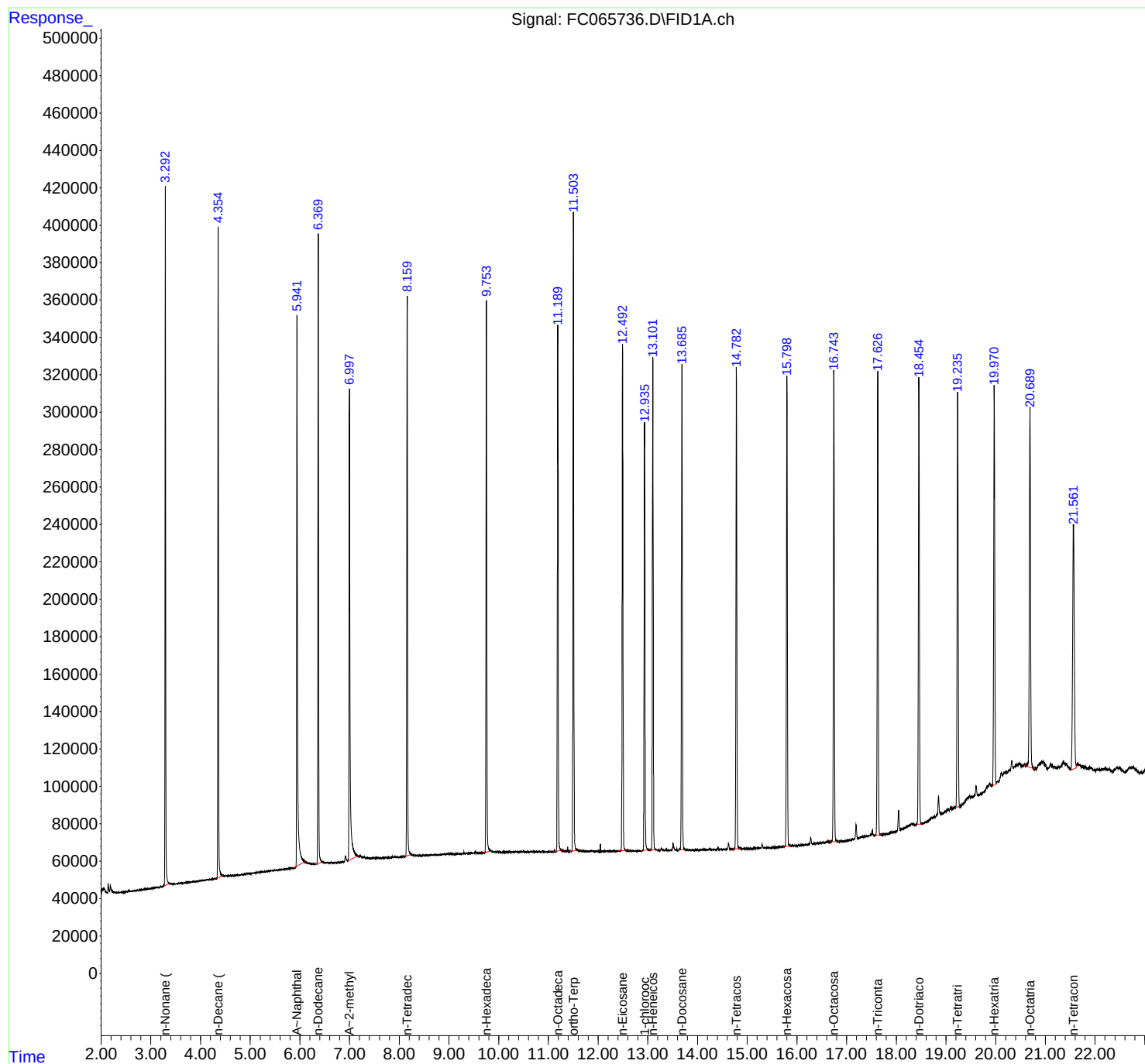
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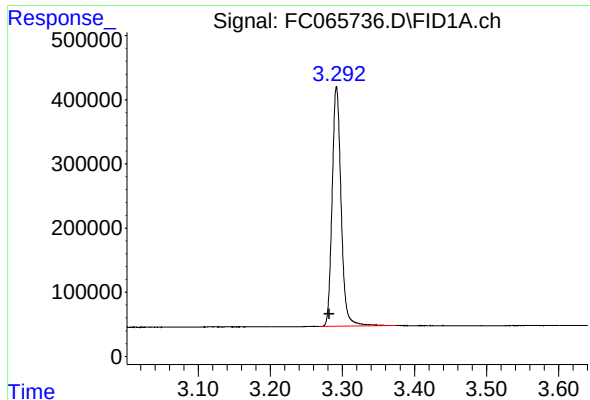
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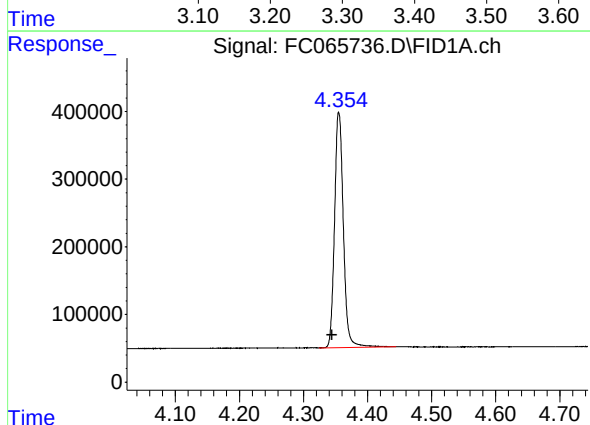
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.010 min
Response: 3237313
Conc: 21.55 ug/ml

Instrument :
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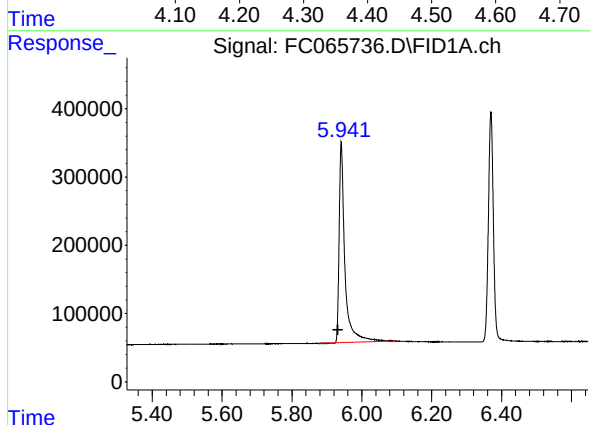
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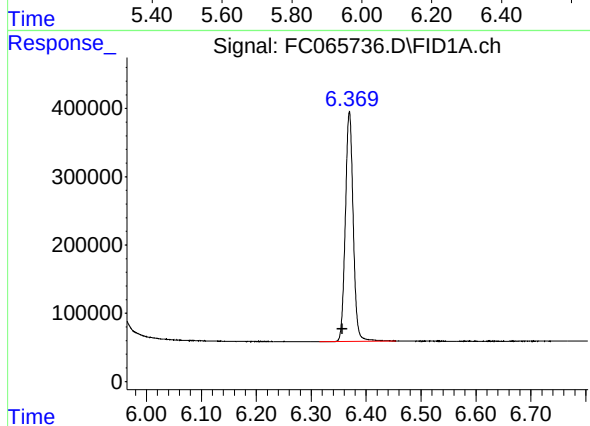
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.011 min
Response: 3326812
Conc: 21.88 ug/ml



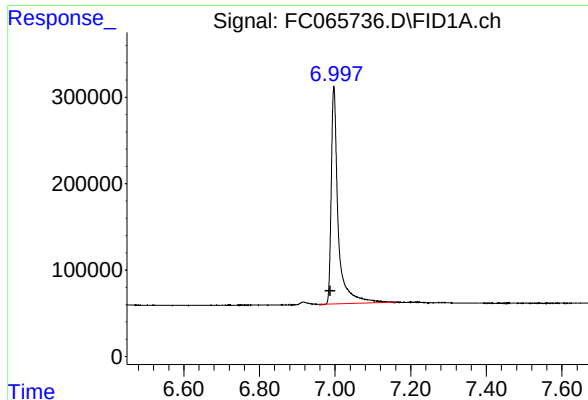
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: 0.010 min
Response: 3393245
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.370 min
Delta R.T.: 0.013 min
Response: 3323440
Conc: 21.71 ug/ml



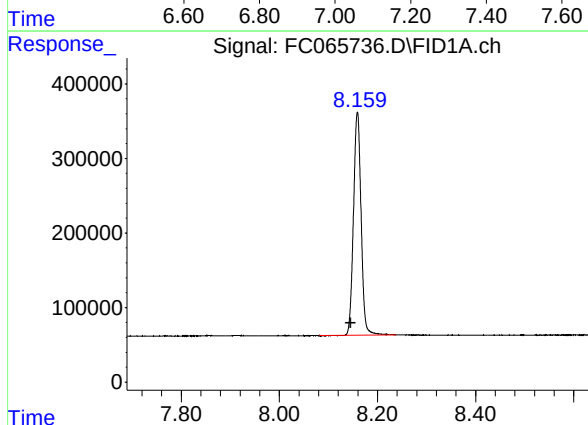
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.010 min
Response: 3238089
Conc: 22.74 ug/ml

Instrument :
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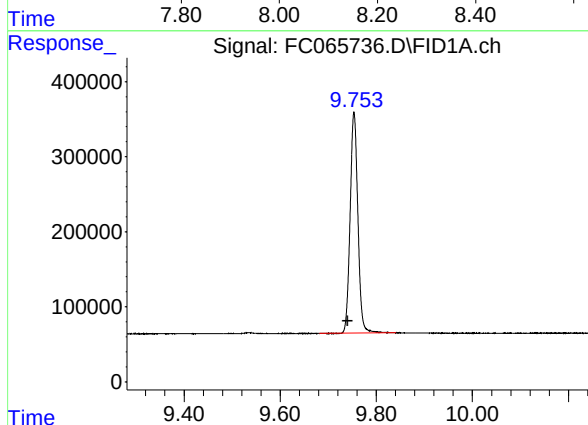
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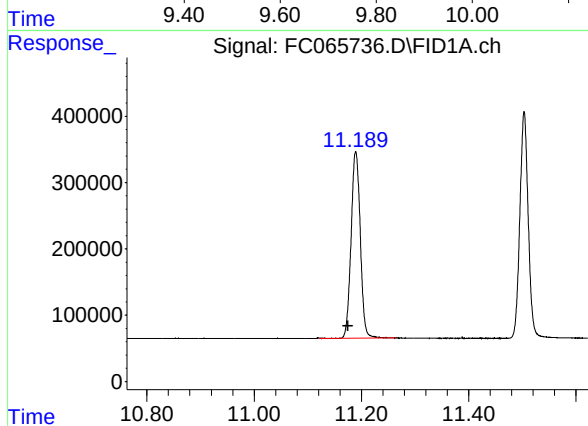
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.014 min
Response: 3225384
Conc: 21.72 ug/ml



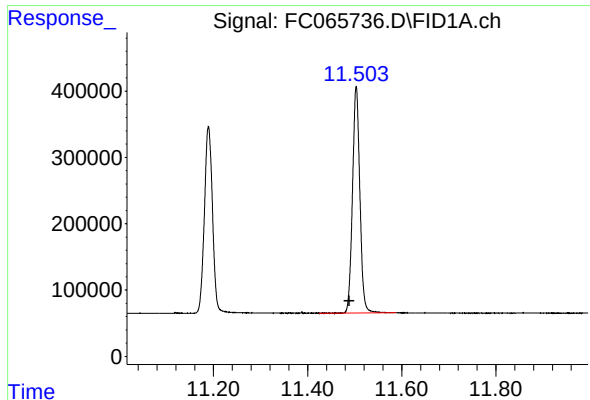
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.014 min
Response: 3297999
Conc: 21.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.015 min
Response: 3344870
Conc: 21.68 ug/ml



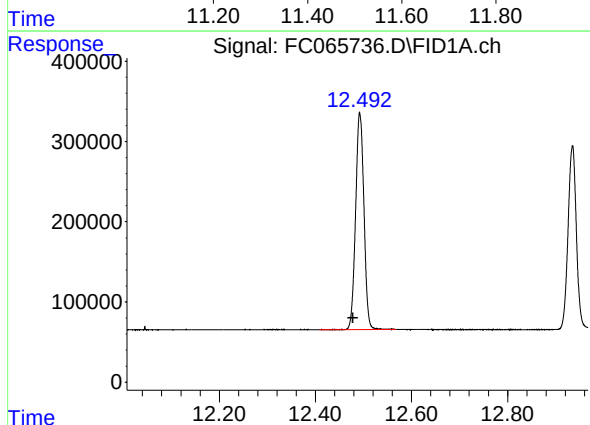
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.015 min
Response: 3700660
Conc: 21.57 ug/ml

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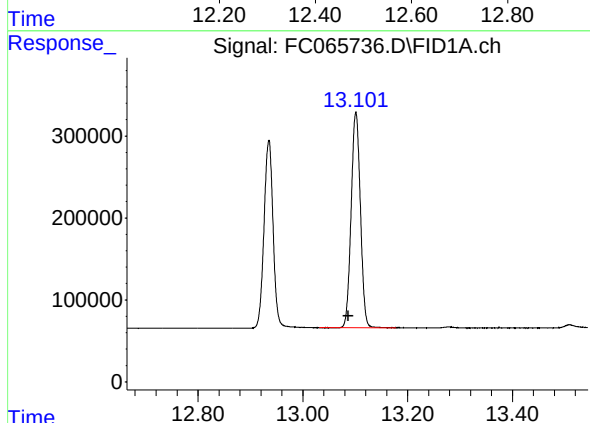
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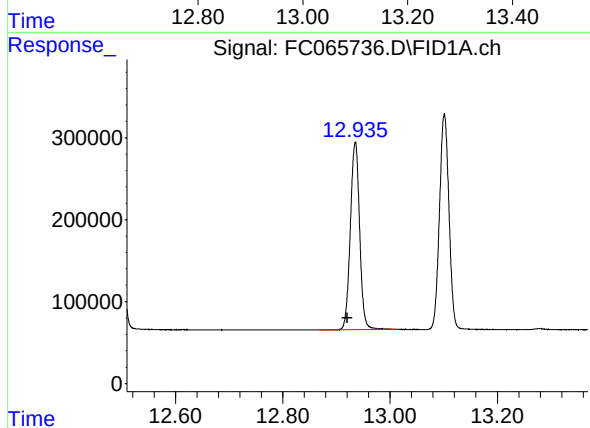
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.015 min
Response: 3255496
Conc: 21.65 ug/ml



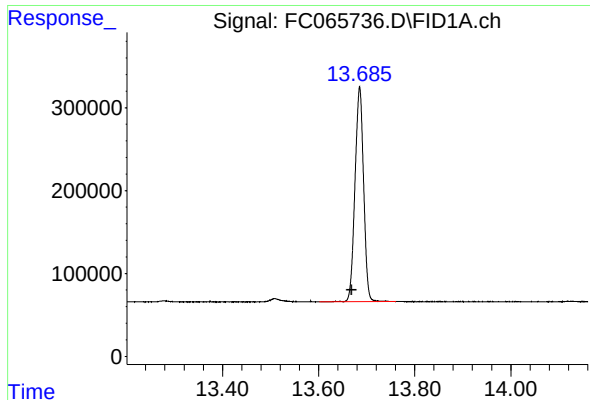
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.015 min
Response: 3218492
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.015 min
Response: 2746501
Conc: 21.82 ug/ml



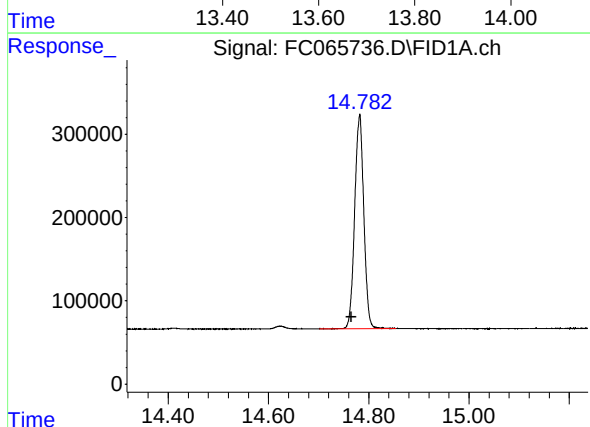
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.016 min
Response: 3222512
Conc: 21.73 ug/ml

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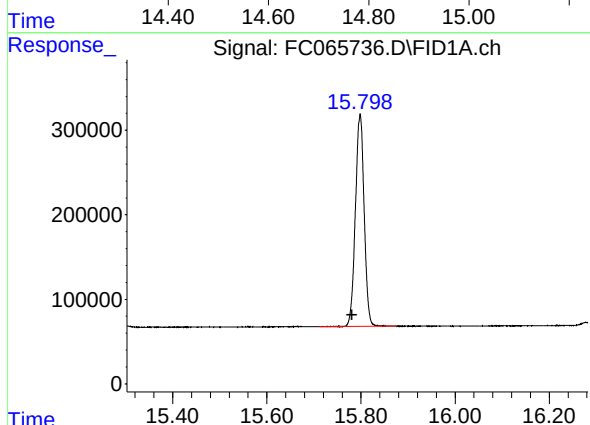
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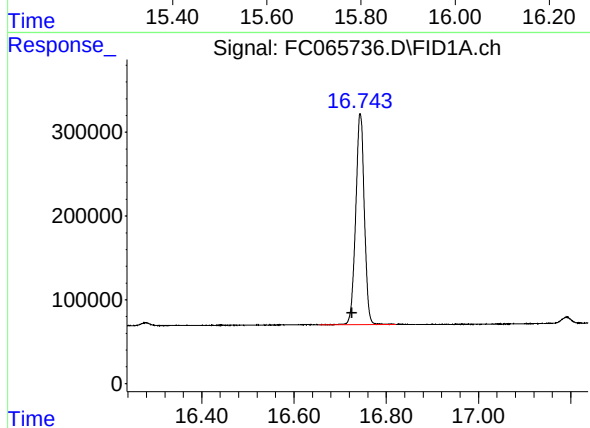
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: 0.016 min
Response: 3247834
Conc: 21.84 ug/ml



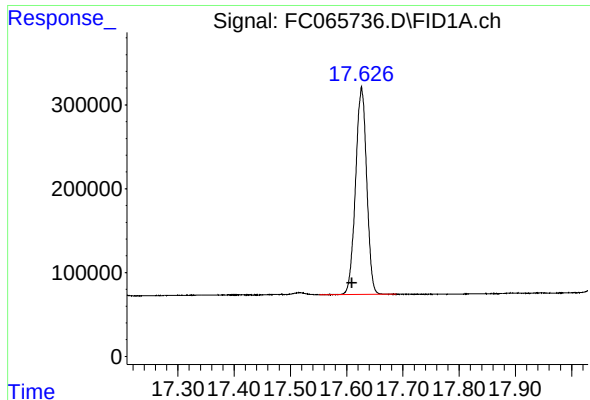
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.017 min
Response: 3248972
Conc: 21.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.744 min
Delta R.T.: 0.018 min
Response: 3269850
Conc: 22.28 ug/ml



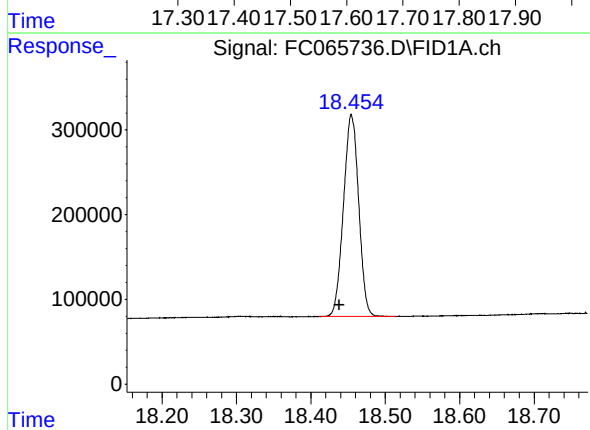
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: 0.017 min
Response: 3394860
Conc: 22.61 ug/ml

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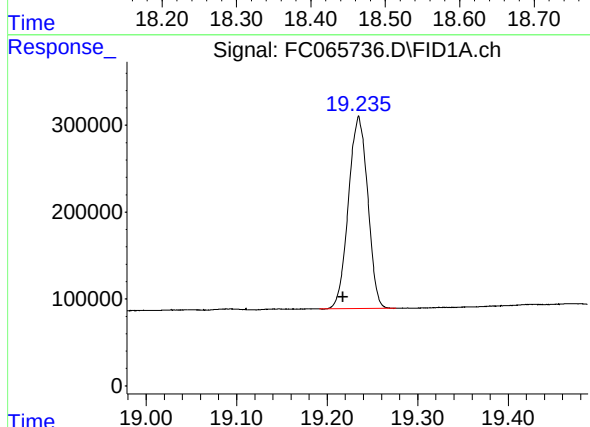
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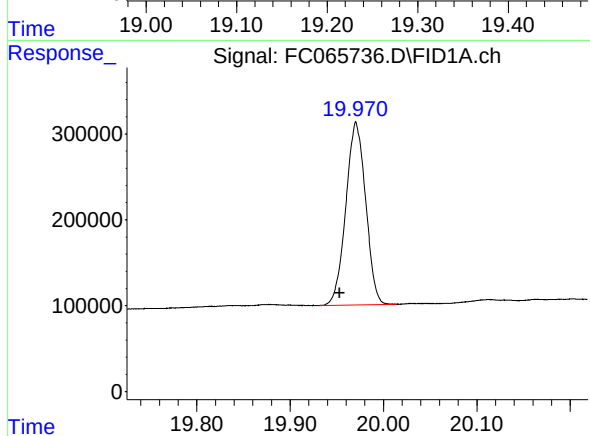
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: 0.017 min
Response: 3389429
Conc: 22.92 ug/ml



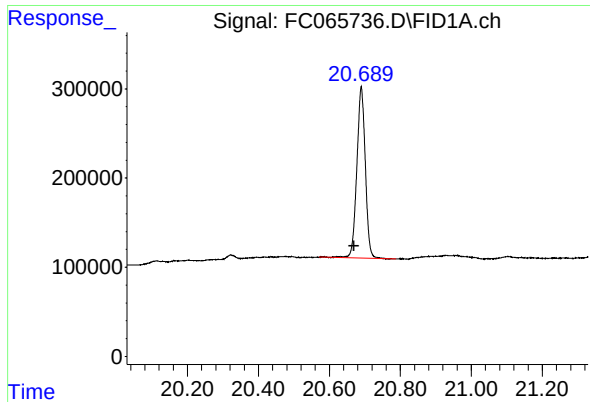
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.017 min
Response: 3269663
Conc: 22.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.017 min
Response: 3146621
Conc: 22.17 ug/ml m



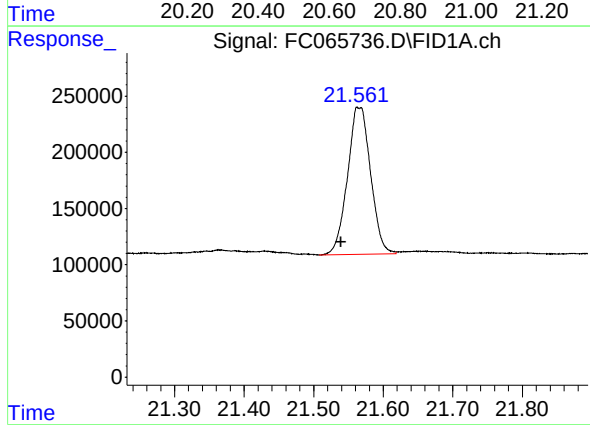
#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.021 min
Response: 3195147
Conc: 22.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: 0.022 min
Response: 3018730
Conc: 21.64 ug/ml m