

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC065002.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 20:10
 Operator : YP/AJ
 Sample : 05207-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 00:27:23 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)	11.511	6723110	30.548 ug/ml
Spiked Amount 50.000		Recovery =	61.10%
12) S 1-chlorooctadecane (S...	12.939	4986418	31.543 ug/mlm
Spiked Amount 50.000		Recovery =	63.09%
Target Compounds			
1) T n-Nonane (C9)	3.330	8506469	44.992 ug/ml
2) T n-Decane (C10)	4.380	9014857	47.411 ug/ml
3) T A~Naphthalene (C11.7)	5.953	9957073	51.571 ug/ml
4) T n-Dodecane (C12)	6.381	9366125	48.485 ug/ml
5) T A~2-methylnaphthalene...	7.003	9692219	52.743 ug/ml
6) T n-Tetradecane (C14)	8.169	9480490	50.244 ug/ml
7) T n-Hexadecane (C16)	9.762	9302056	49.211 ug/ml
8) T n-Octadecane (C18)	11.198	9191783	48.704 ug/ml
10) T n-Eicosane (C20)	12.501	8930386	49.674 ug/ml
11) T n-Heneicosane (C21)	13.109	8383941	47.753 ug/ml
13) T n-Docosane (C22)	13.693	8197904	47.726 ug/ml
14) T n-Tetracosane (C24)	14.784	15708776	94.315 ug/ml
15) T n-Hexacosane (C26)	15.807	7419852	46.227 ug/ml
16) T n-Octacosane (C28)	16.752	7163943	45.776 ug/ml
17) T n-Tricontane (C30)	17.637	7069591	44.633 ug/ml
18) T n-Dotriacontane (C32)	18.465	6988499	44.261 ug/ml
19) T n-Tetratriacontane (C34)	19.245	6810825	44.620 ug/ml
20) T n-Hexatriacontane (C36)	19.979	6538607	43.336 ug/mlm
21) T n-Octatriacontane (C38)	20.700	6473744	43.502 ug/ml
22) T n-Tetracontane (C40)	21.577	9001091	61.199 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 05207-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

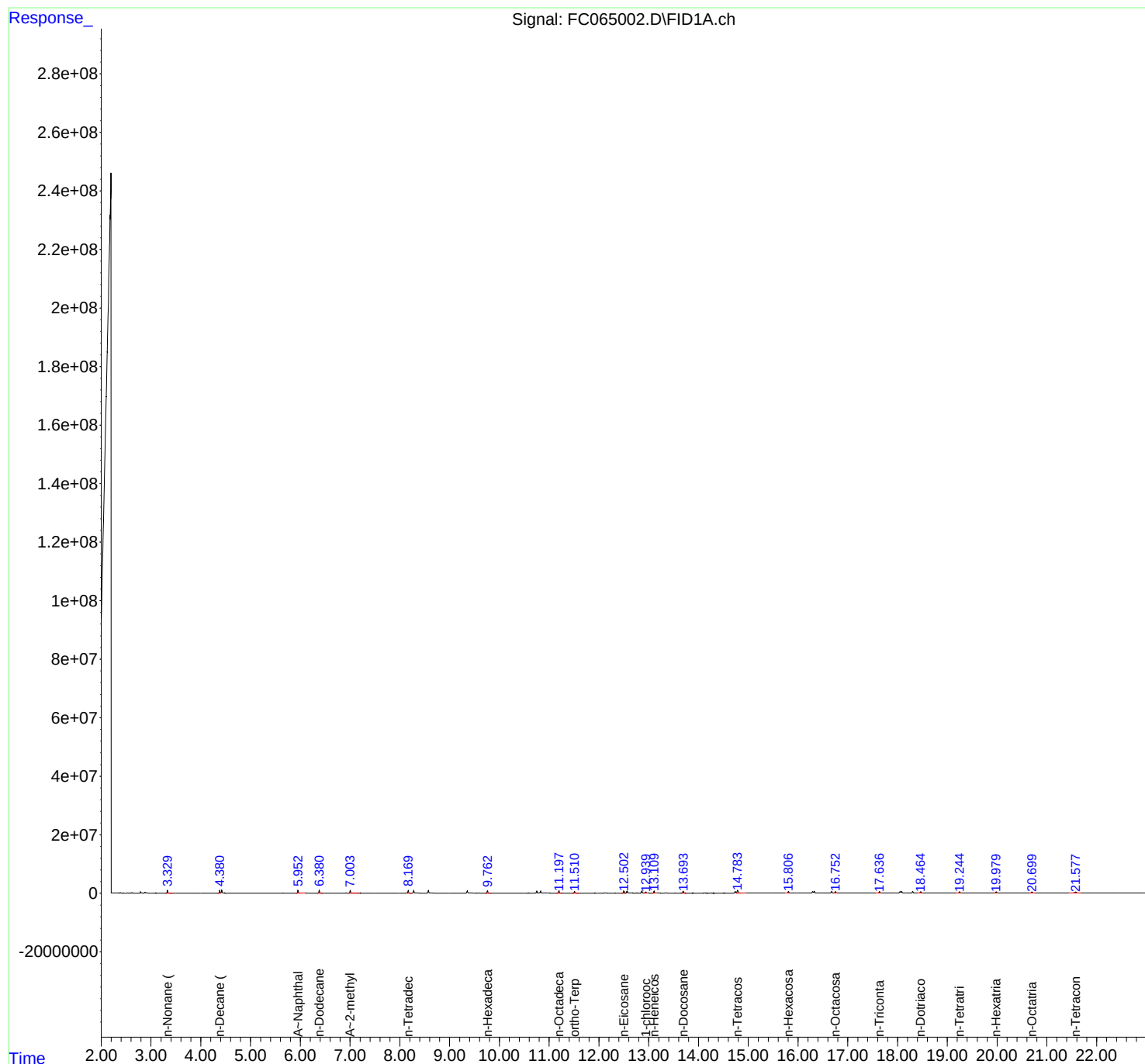
Instrument :
FID_C
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3MS

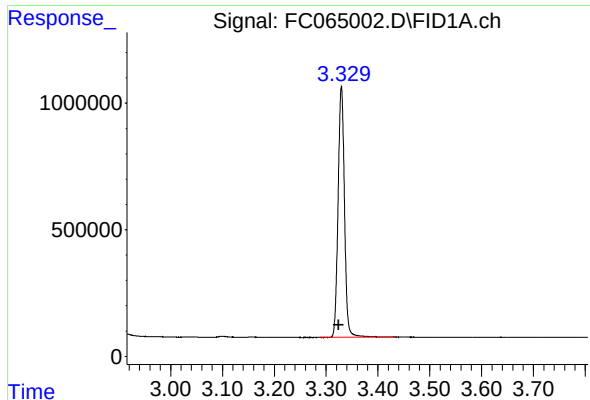
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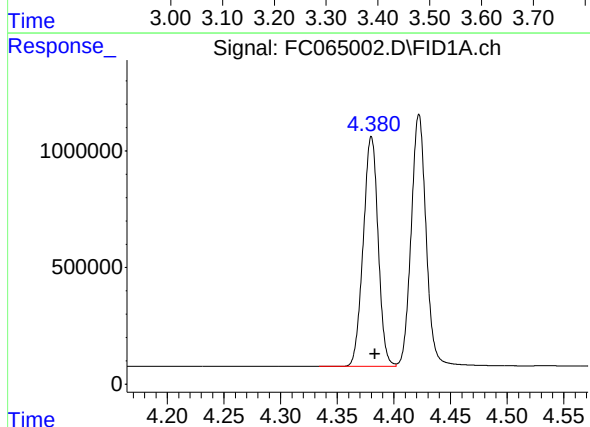
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.006 min
Response: 8506469
Conc: 44.99 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

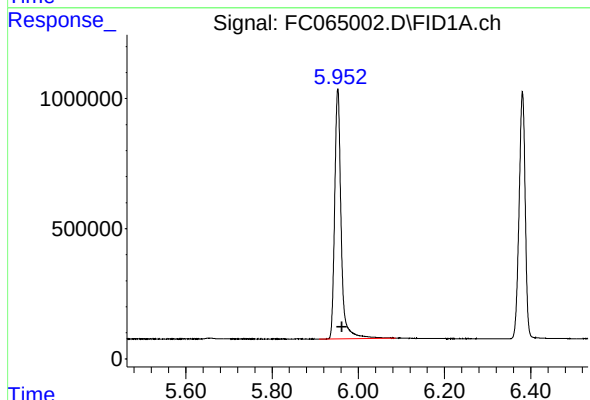
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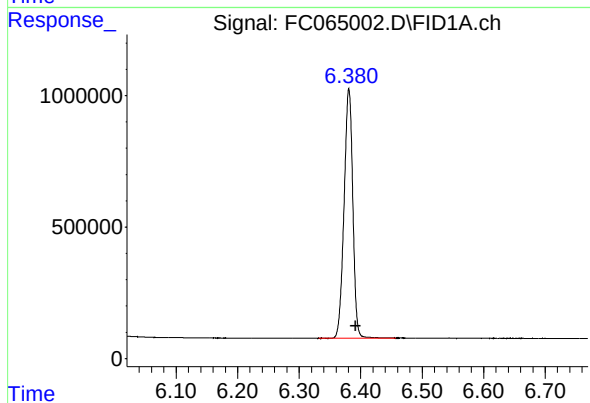
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 9014857
Conc: 47.41 ug/ml



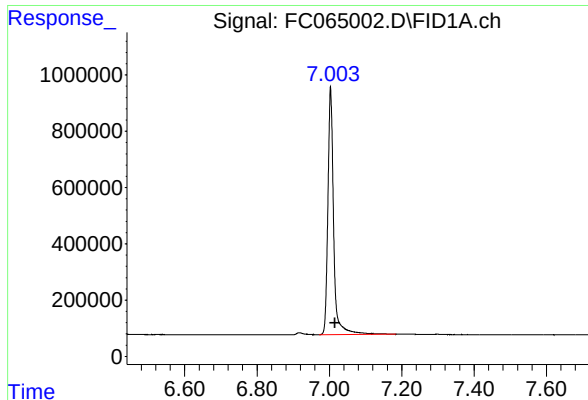
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.010 min
Response: 9957073
Conc: 51.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 9366125
Conc: 48.49 ug/ml



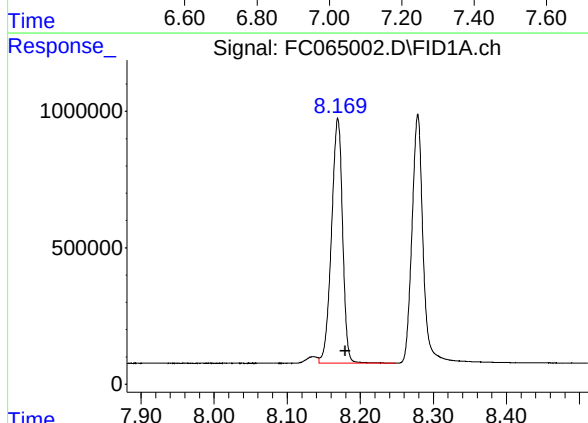
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.012 min
Response: 9692219
Conc: 52.74 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

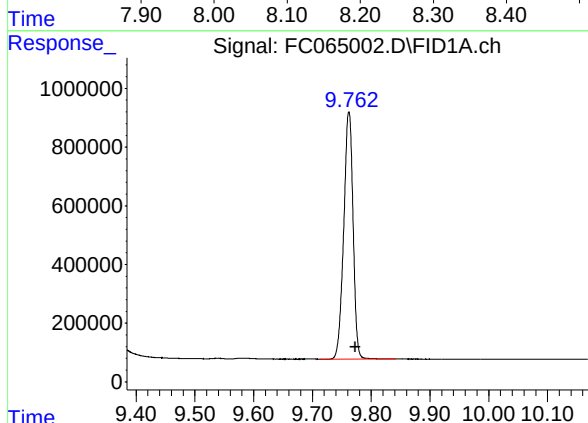
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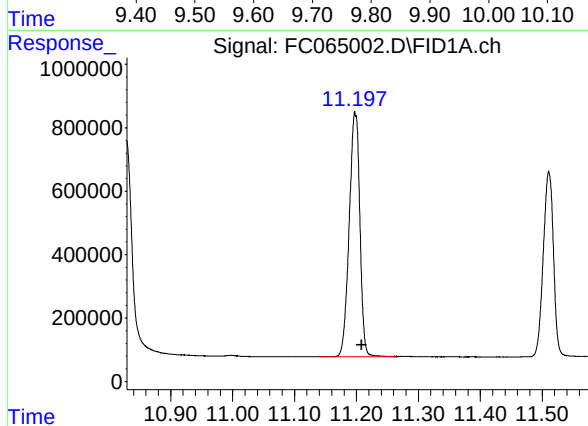
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.010 min
Response: 9480490
Conc: 50.24 ug/ml



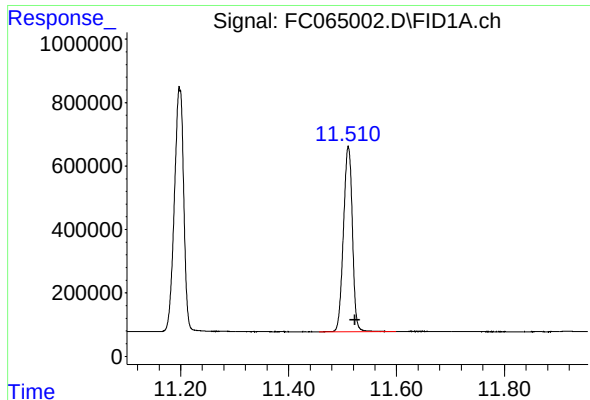
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 9302056
Conc: 49.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.010 min
Response: 9191783
Conc: 48.70 ug/ml



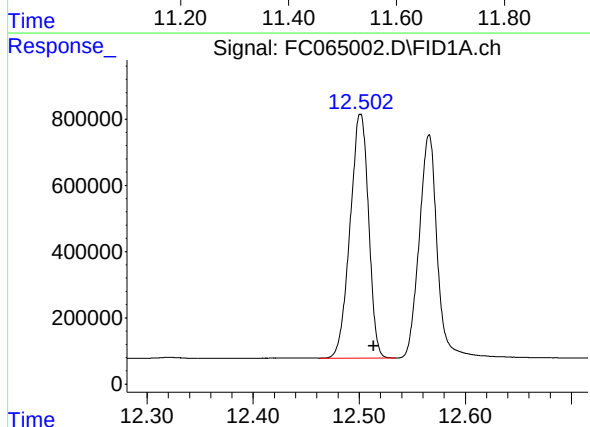
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 6723110
Conc: 30.55 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

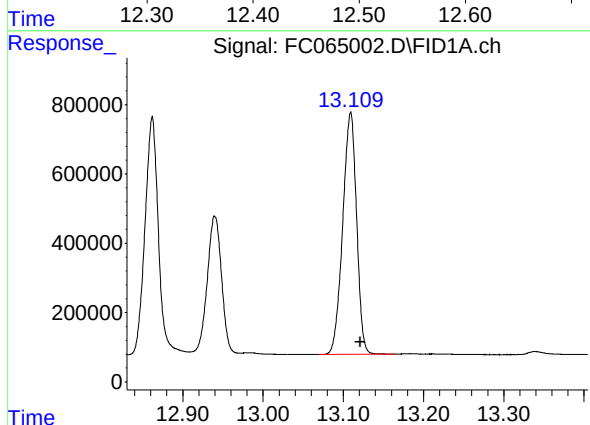
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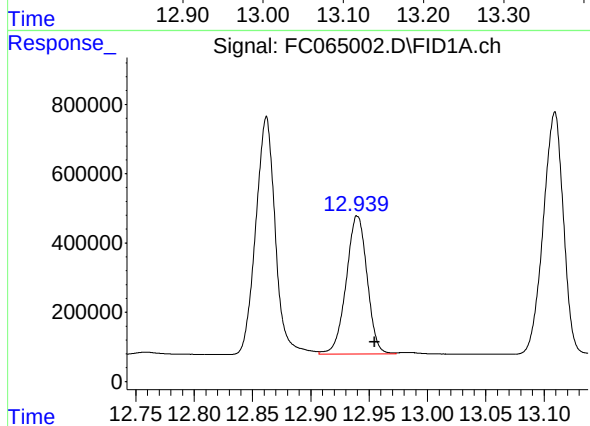
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.012 min
Response: 8930386
Conc: 49.67 ug/ml



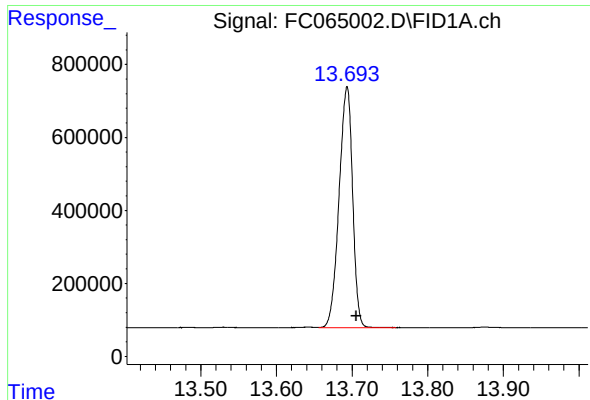
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.012 min
Response: 8383941
Conc: 47.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 4986418
Conc: 31.54 ug/ml m



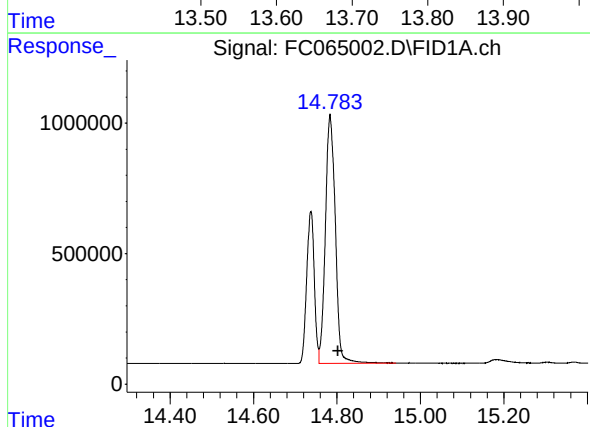
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: -0.012 min
Response: 8197904
Conc: 47.73 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

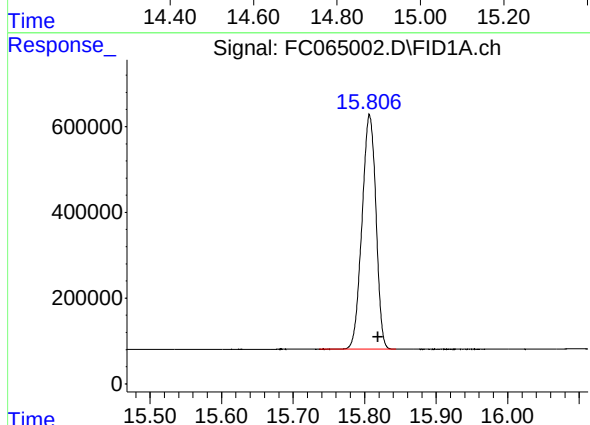
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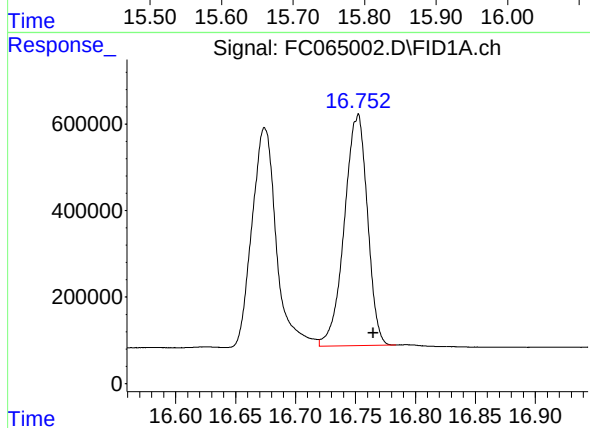
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.019 min
Response: 15708776
Conc: 94.32 ug/ml



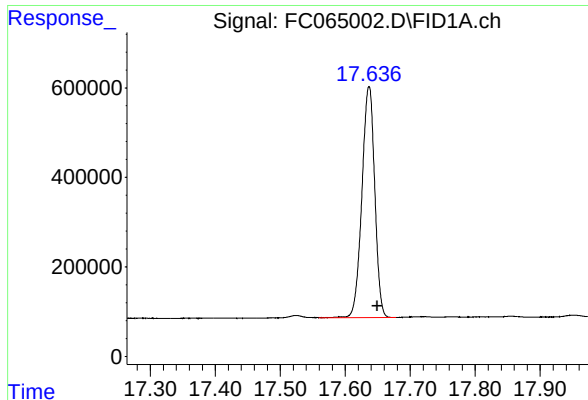
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 7419852
Conc: 46.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.013 min
Response: 7163943
Conc: 45.78 ug/ml



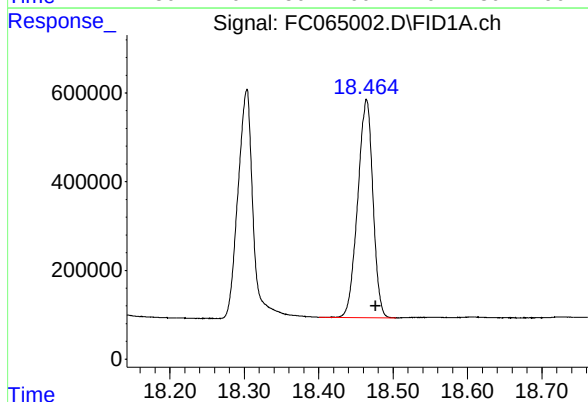
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.013 min
Response: 7069591
Conc: 44.63 ug/ml

Instrument :
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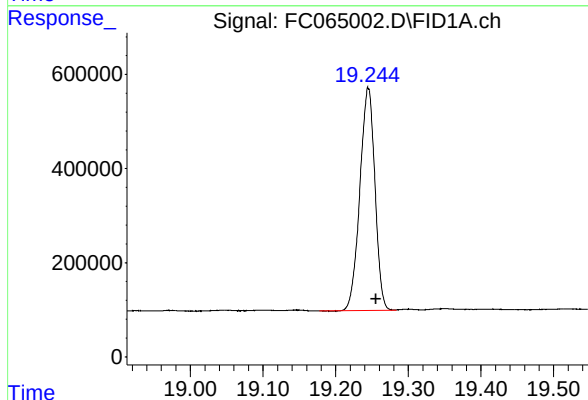
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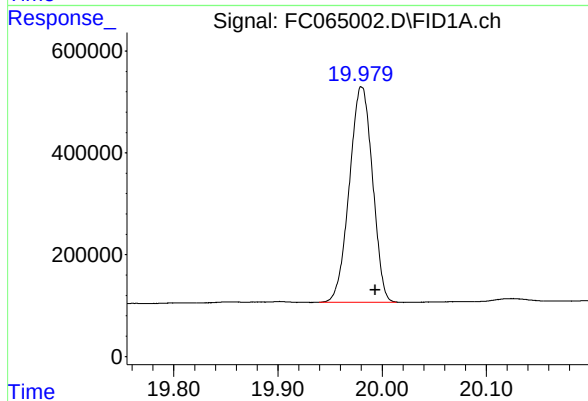
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 6988499
Conc: 44.26 ug/ml



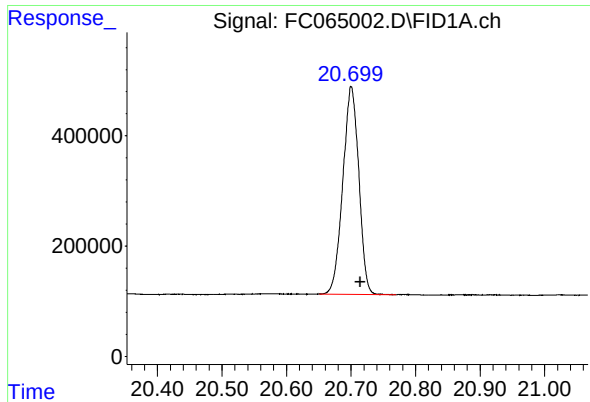
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.011 min
Response: 6810825
Conc: 44.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.014 min
Response: 6538607
Conc: 43.34 ug/ml m



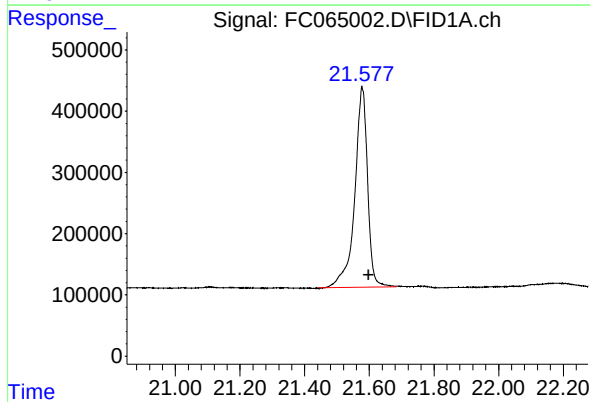
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 6473744
Conc: 43.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.021 min
Response: 9001091
Conc: 61.20 ug/ml m