

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065867.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 21:25
 Operator : YP/AJ
 Sample : P1538-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 02:25:48 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			
12) S 1-chlorooctadecane (S...	12.928	6015388	47.798 ug/ml
Spiked Amount 50.000		Recovery =	95.60%
Target Compounds			
1) T n-Nonane (C9)	3.288	5855310	38.974 ug/ml
2) T n-Decane (C10)	4.351	7879299	51.823 ug/ml
4) T n-Dodecane (C12)	6.365	9610079	62.790 ug/ml
6) T n-Tetradecane (C14)	8.155	10582767	71.281 ug/ml
7) T n-Hexadecane (C16)	9.749	11299558	75.348 ug/ml
8) T n-Octadecane (C18)	11.186	11777451	76.352 ug/ml
10) T n-Eicosane (C20)	12.488	11808627	78.526 ug/ml
11) T n-Heneicosane (C21)	13.097	11477350	76.742 ug/ml
13) T n-Docosane (C22)	13.680	11478800	77.388 ug/ml
14) T n-Tetracosane (C24)	14.777	11350014	76.336 ug/ml
15) T n-Hexacosane (C26)	15.793	11327689	76.440 ug/ml
16) T n-Octacosane (C28)	16.738	11232085	76.549 ug/ml
17) T n-Tricontane (C30)	17.621	11331772	75.487 ug/ml
18) T n-Dotriacontane (C32)	18.449	11120905	75.199 ug/ml
19) T n-Tetratriacontane (C34)	19.229	10731420	74.040 ug/ml
20) T n-Hexatriacontane (C36)	19.965	10042091	70.747 ug/ml
21) T n-Octatriacontane (C38)	20.682	9627888	68.017 ug/mlm
22) T n-Tetracontane (C40)	21.554	9301831	66.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

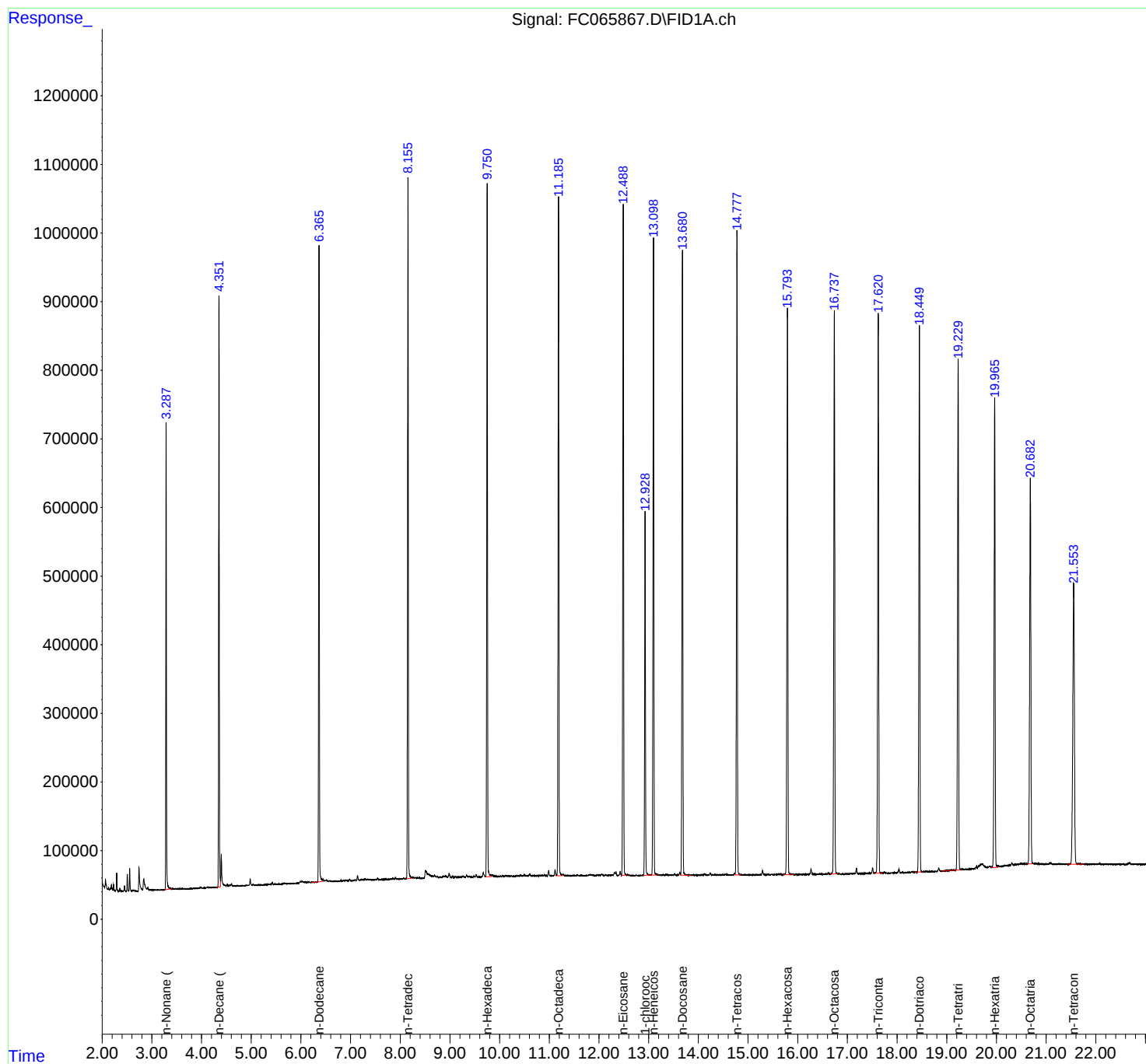
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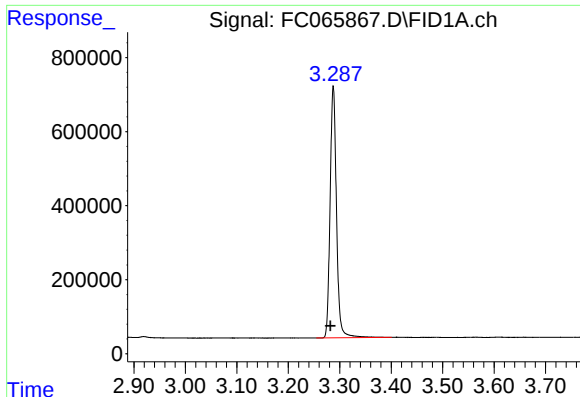
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#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 5855310
Conc: 38.97 ug/ml

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FID_C

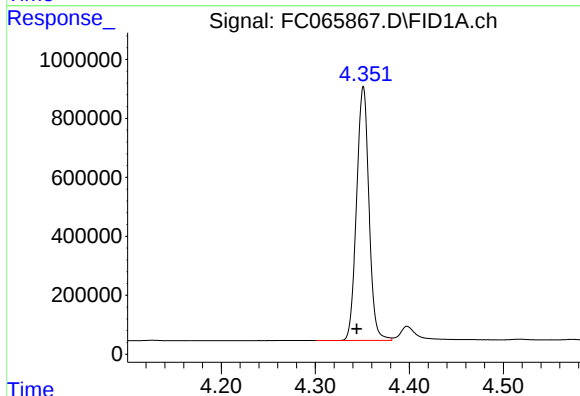
ClientSampleId :

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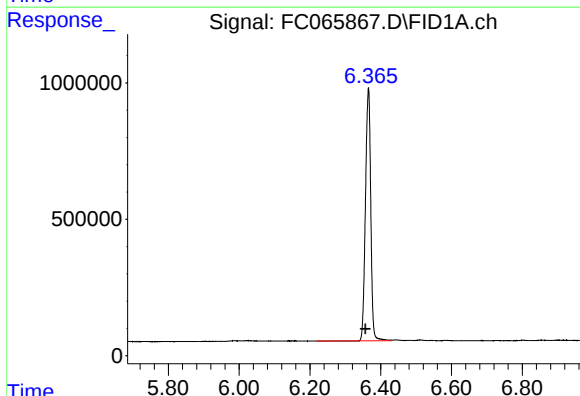
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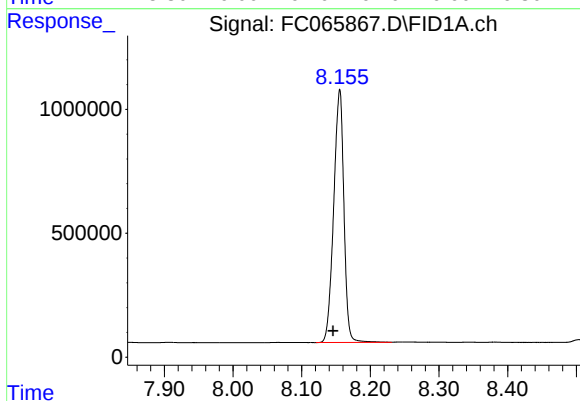
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.007 min
Response: 7879299
Conc: 51.82 ug/ml



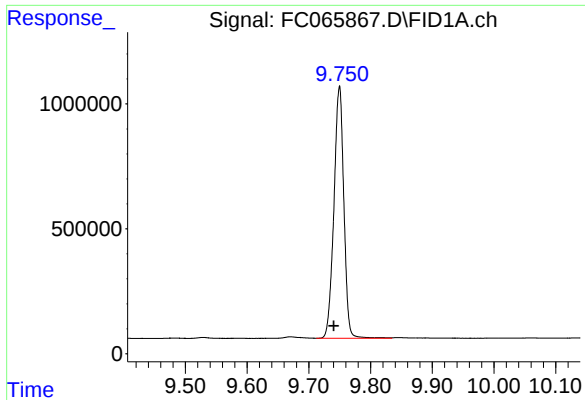
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 9610079
Conc: 62.79 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 10582767
Conc: 71.28 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 11299558
Conc: 75.35 ug/ml

Instrument :

FID_C

ClientSampleId :

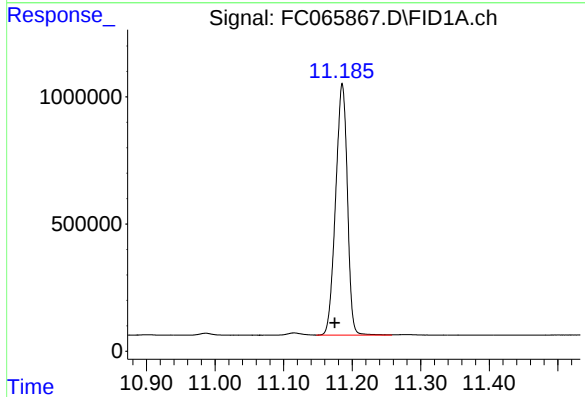
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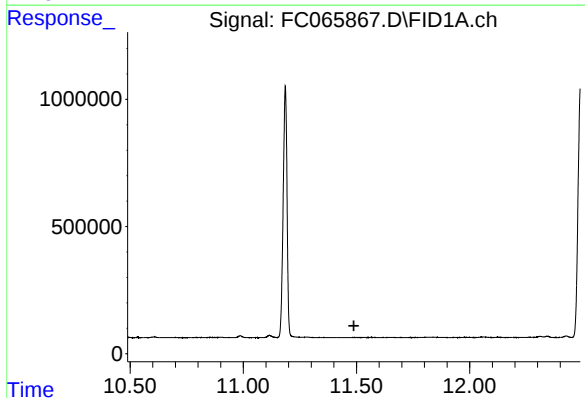
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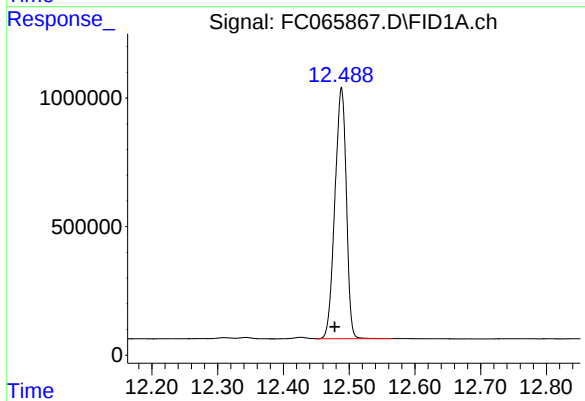
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 11777451
Conc: 76.35 ug/ml



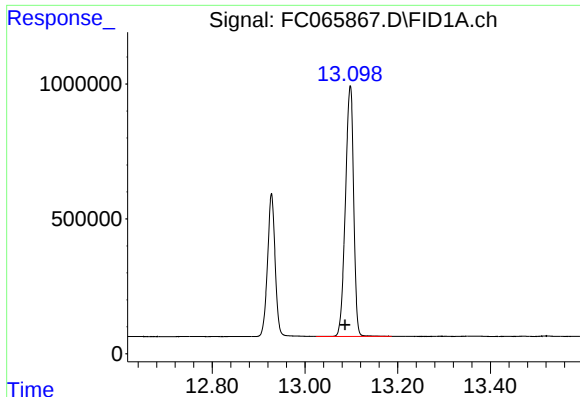
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.010 min
Response: 11808627
Conc: 78.53 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 11477350
Conc: 76.74 ug/ml

Instrument :

FID_C

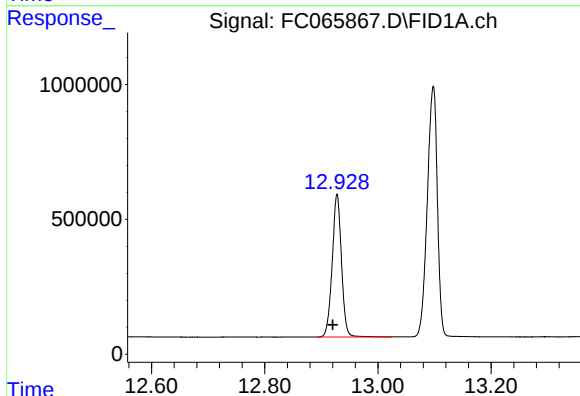
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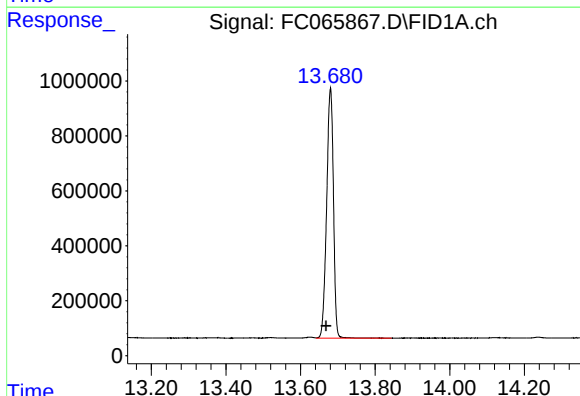
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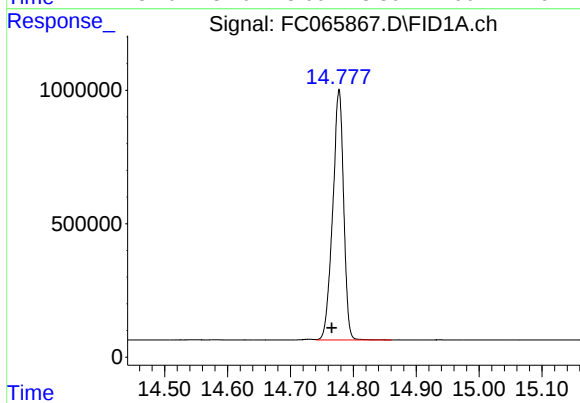
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 6015388
Conc: 47.80 ug/ml



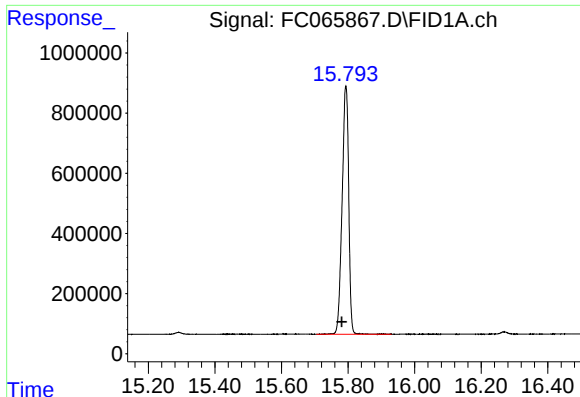
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 11478800
Conc: 77.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 11350014
Conc: 76.34 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 11327689
Conc: 76.44 ug/ml

Instrument :

FID_C

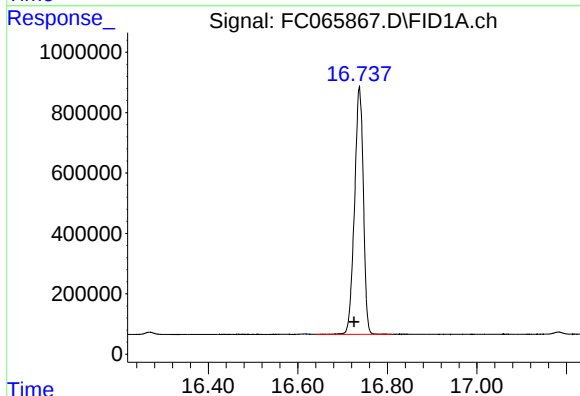
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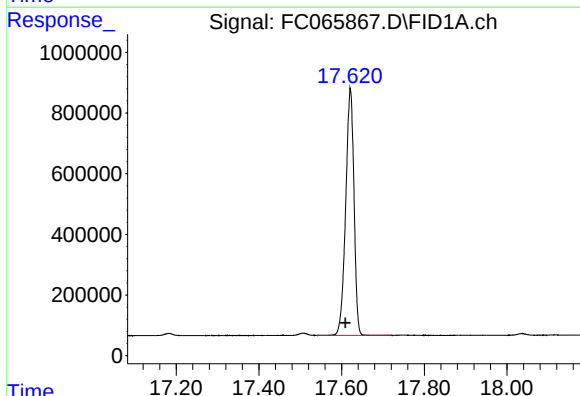
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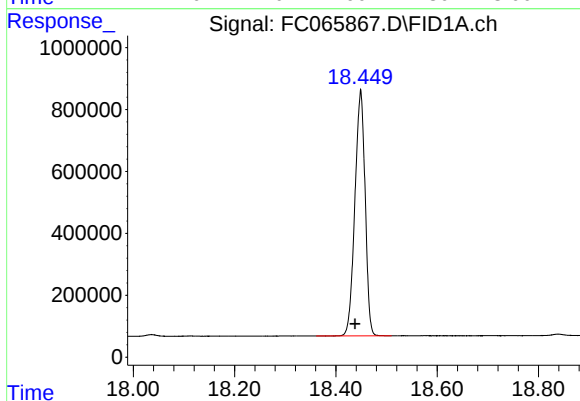
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: 0.012 min
Response: 11232085
Conc: 76.55 ug/ml



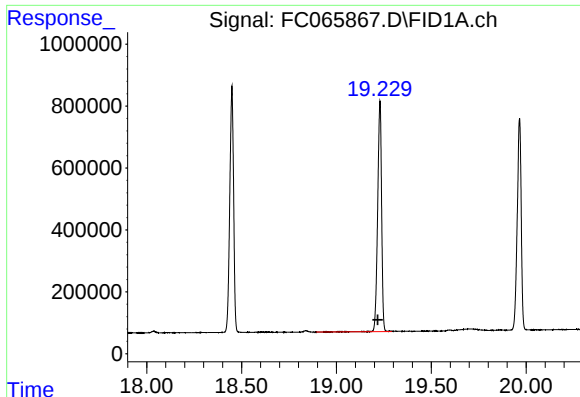
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: 0.011 min
Response: 11331772
Conc: 75.49 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.011 min
Response: 11120905
Conc: 75.20 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.012 min
Response: 10731420
Conc: 74.04 ug/ml

Instrument :

FID_C

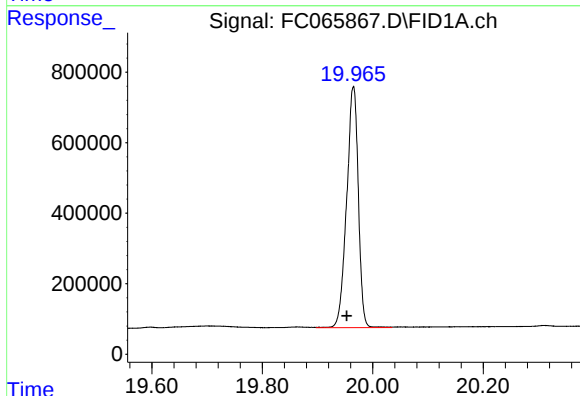
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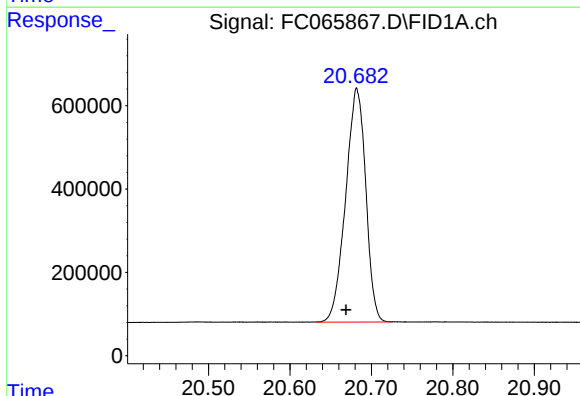
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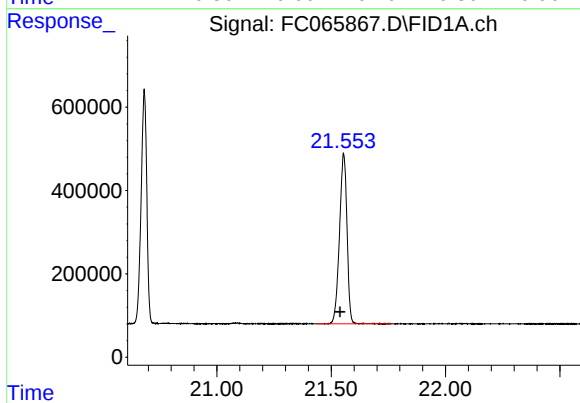
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 10042091
Conc: 70.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.682 min
Delta R.T.: 0.012 min
Response: 9627888
Conc: 68.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: 0.015 min
Response: 9301831
Conc: 66.69 ug/ml