

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065866.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 20:46
 Operator : YP/AJ
 Sample : P1538-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

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 02:25:31 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	5755534	45.733 ug/ml
Spiked Amount 50.000		Recovery =	91.47%
Target Compounds			
1) T n-Nonane (C9)	3.287	5864802	39.037 ug/ml
2) T n-Decane (C10)	4.350	7872986	51.781 ug/ml
4) T n-Dodecane (C12)	6.364	9537106	62.313 ug/ml
6) T n-Tetradecane (C14)	8.154	10456221	70.429 ug/ml
7) T n-Hexadecane (C16)	9.749	11124028	74.177 ug/ml
8) T n-Octadecane (C18)	11.186	11595715	75.173 ug/ml
10) T n-Eicosane (C20)	12.488	11643806	77.430 ug/ml
11) T n-Heneicosane (C21)	13.096	11402922	76.245 ug/ml
13) T n-Docosane (C22)	13.680	11350706	76.524 ug/ml
14) T n-Tetracosane (C24)	14.777	11312767	76.086 ug/ml
15) T n-Hexacosane (C26)	15.794	11304384	76.283 ug/ml
16) T n-Octacosane (C28)	16.738	11265866	76.779 ug/ml
17) T n-Tricontane (C30)	17.622	11406311	75.983 ug/ml
18) T n-Dotriacontane (C32)	18.450	11200842	75.740 ug/ml
19) T n-Tetratriacontane (C34)	19.229	10789264	74.439 ug/ml
20) T n-Hexatriacontane (C36)	19.964	10113874	71.252 ug/ml
21) T n-Octatriacontane (C38)	20.682	9694581	68.489 ug/mlm
22) T n-Tetracontane (C40)	21.554	9329160	66.882 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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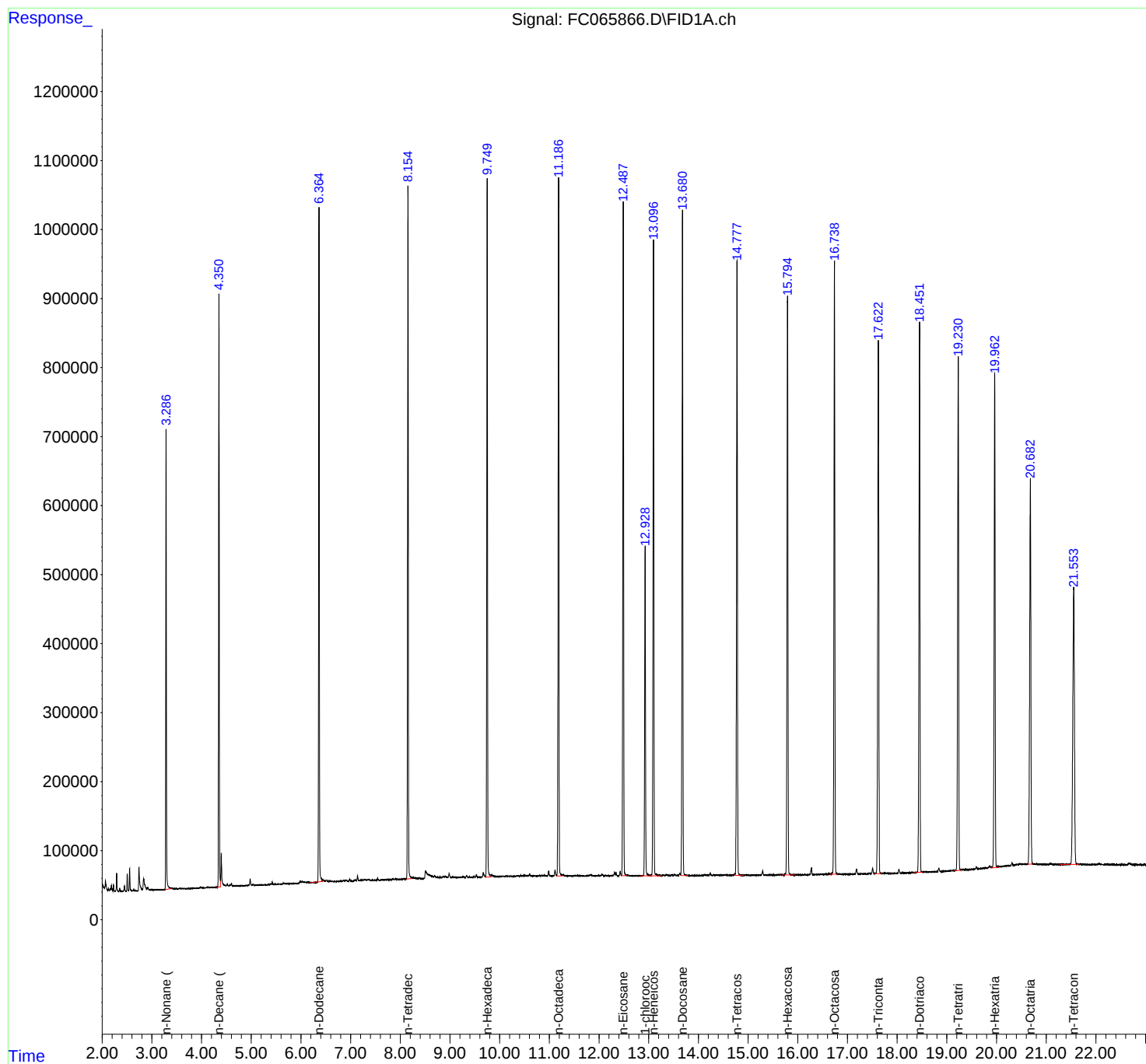
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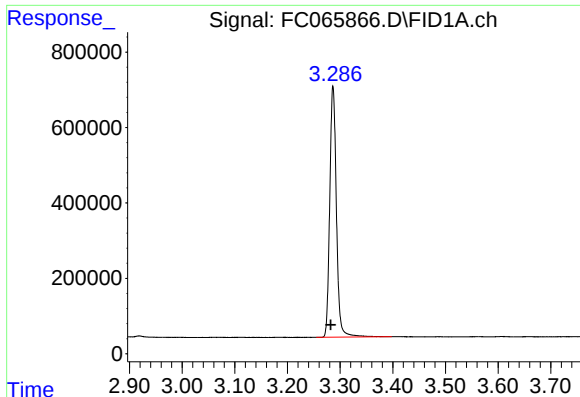
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#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 5864802
Conc: 39.04 ug/ml

Instrument :

FID_C

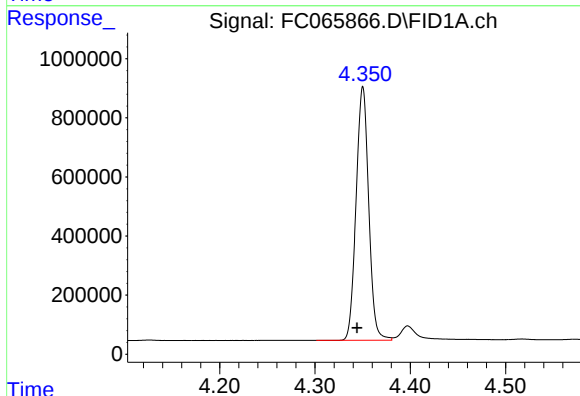
ClientSampleId :

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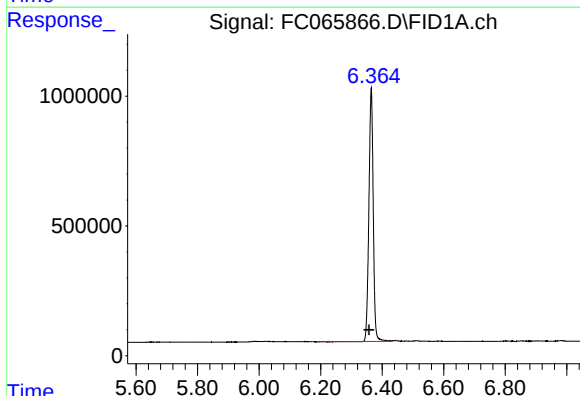
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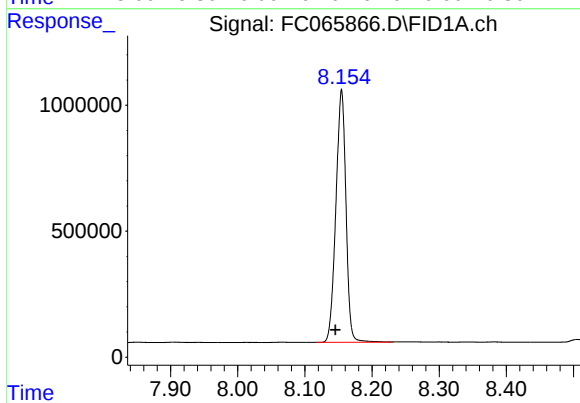
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.006 min
Response: 7872986
Conc: 51.78 ug/ml



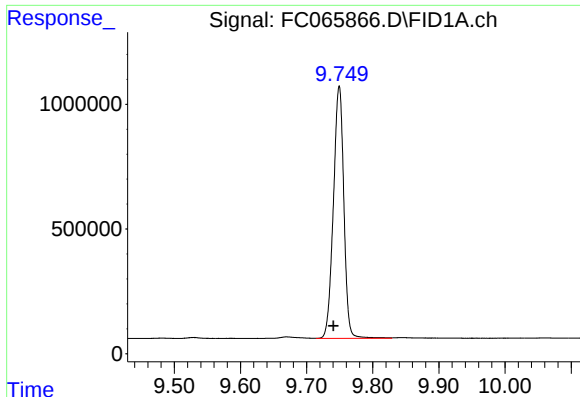
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.008 min
Response: 9537106
Conc: 62.31 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 10456221
Conc: 70.43 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 11124028
Conc: 74.18 ug/ml

Instrument :

FID_C

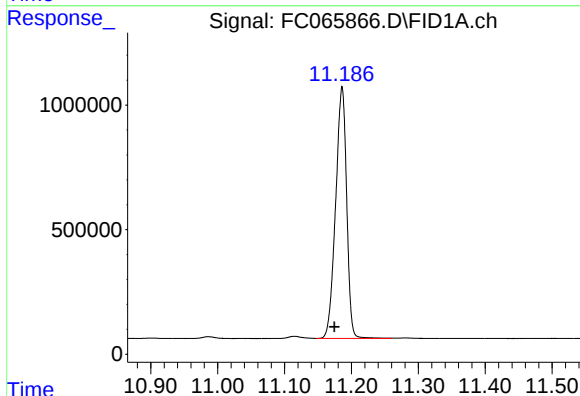
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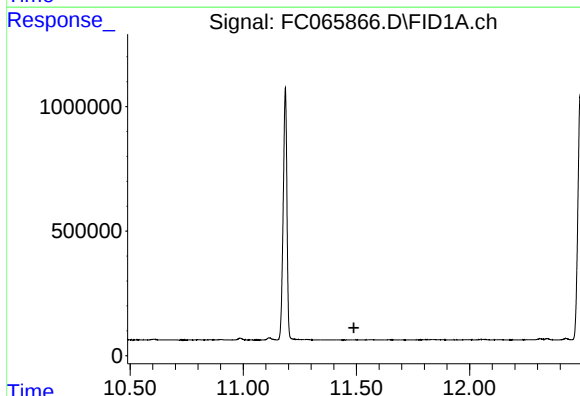
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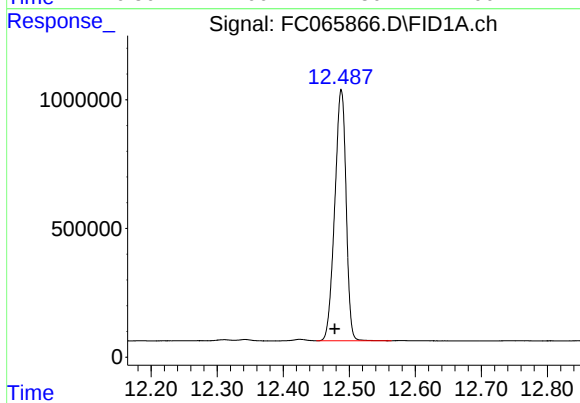
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 11595715
Conc: 75.17 ug/ml



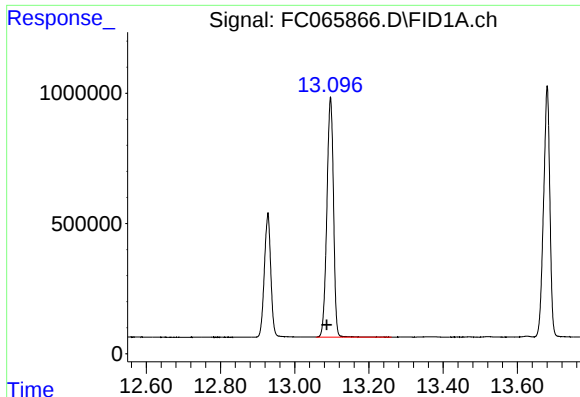
#9 ortho-Terphenyl (SURR)

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: 11643806
Conc: 77.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.010 min
Response: 11402922
Conc: 76.24 ug/ml

Instrument :

FID_C

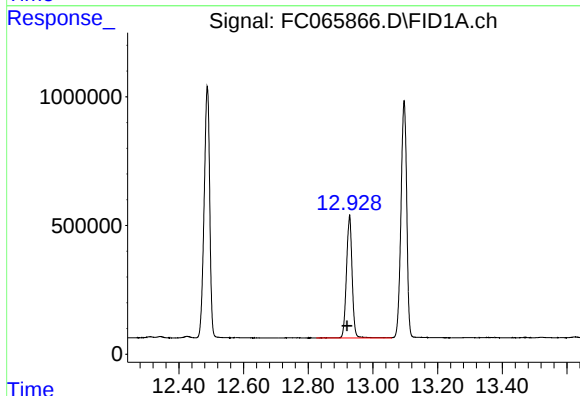
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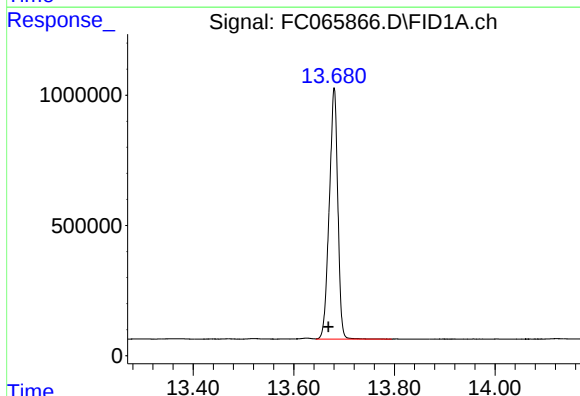
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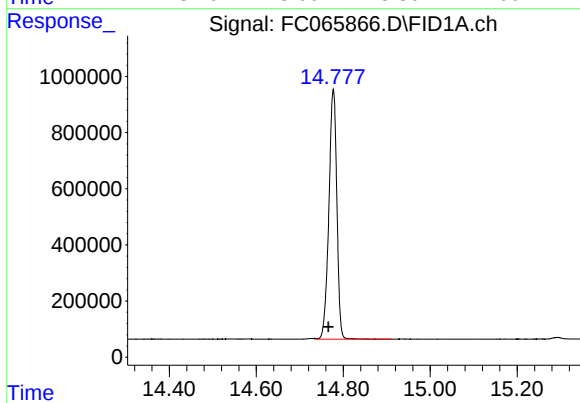
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.007 min
Response: 5755534
Conc: 45.73 ug/ml



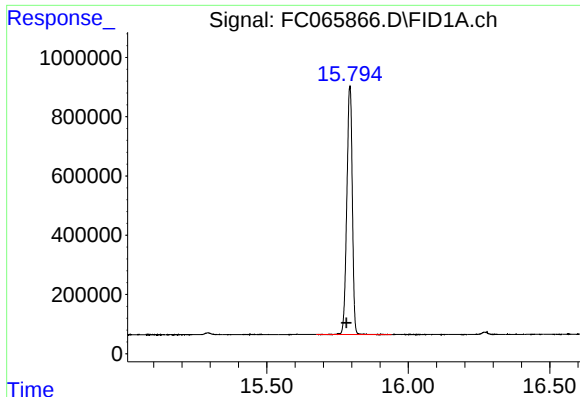
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 11350706
Conc: 76.52 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 11312767
Conc: 76.09 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.012 min
Response: 11304384
Conc: 76.28 ug/ml

Instrument :

FID_C

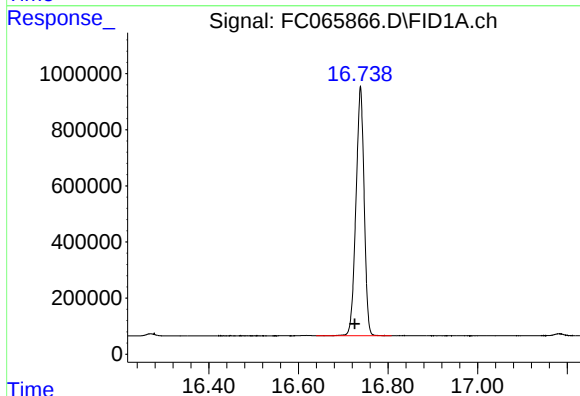
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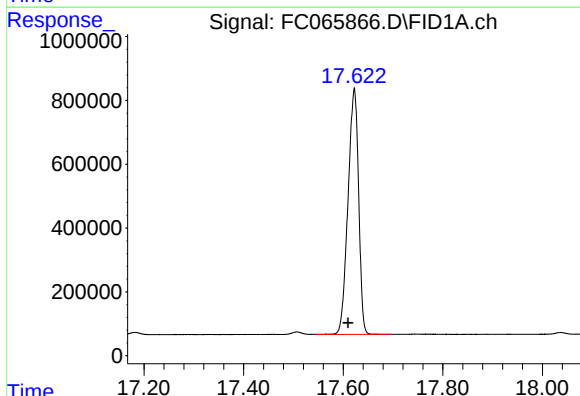
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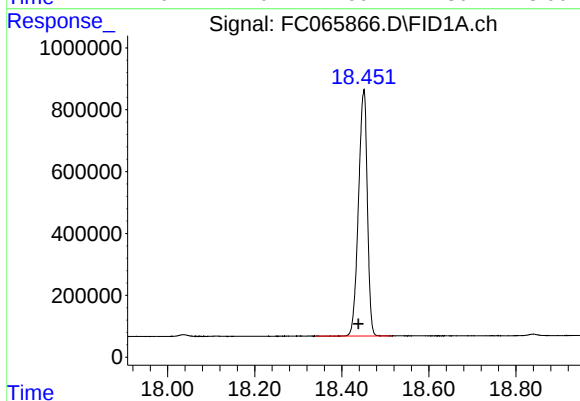
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: 0.013 min
Response: 11265866
Conc: 76.78 ug/ml



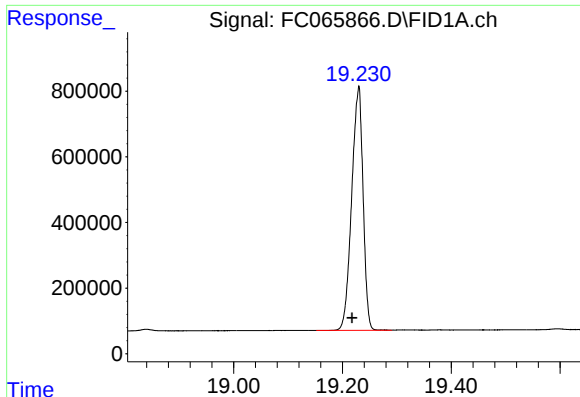
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 11406311
Conc: 75.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.012 min
Response: 11200842
Conc: 75.74 ug/ml



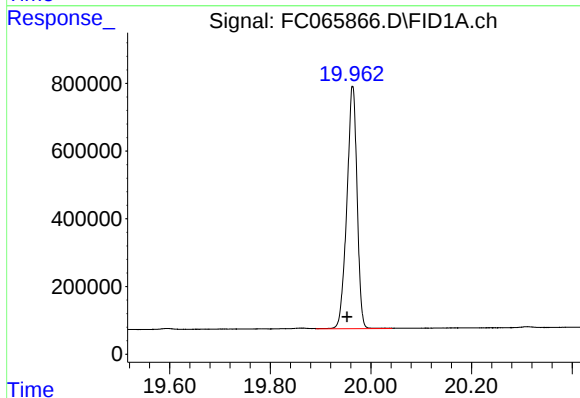
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.012 min
Response: 10789264
Conc: 74.44 ug/ml

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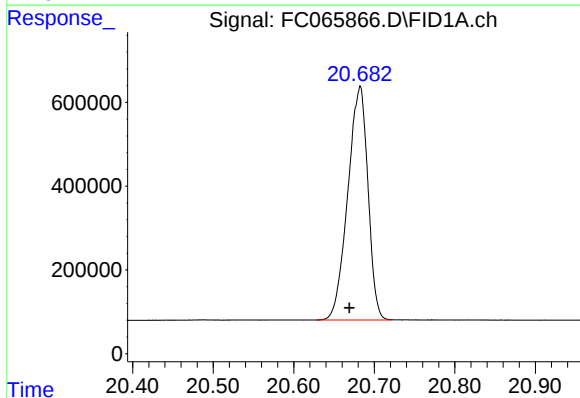
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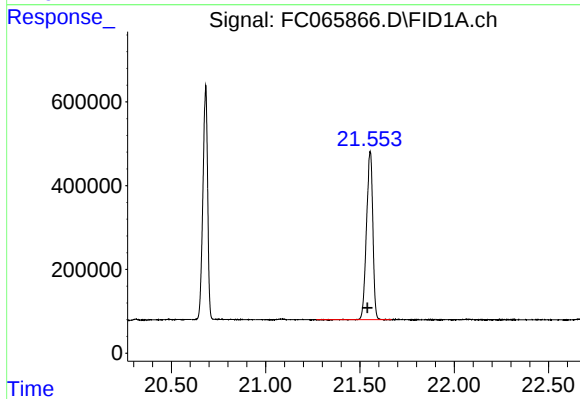
#20 n-Hexatriacontane (C36)

R.T.: 19.964 min
Delta R.T.: 0.011 min
Response: 10113874
Conc: 71.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.682 min
Delta R.T.: 0.013 min
Response: 9694581
Conc: 68.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: 0.015 min
Response: 9329160
Conc: 66.88 ug/ml