

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058718.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2022 20:41
 Operator : UA/NP
 Sample : N1837-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 08:38:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.826	5744550	50.679 ug/mlm
Spiked Amount 50.000		Recovery =	101.36%
Target Compounds			
1) T n-Nonane (C9)	3.257	8727385	72.575 ug/mlm
2) T n-Decane (C10)	4.324	27155250	228.197 ug/mlm
4) T n-Dodecane (C12)	6.259	7208241	58.595 ug/mlm
6) T n-Tetradecane (C14)	8.082	7253276	57.884 ug/mlm
7) T n-Hexadecane (C16)	9.679	15018357	116.621 ug/mlm
8) T n-Octadecane (C18)	11.088	3591956	27.296 ug/mlm
10) T n-Eicosane (C20)	12.362	5086135	38.679 ug/mlm
11) T n-Heneicosane (C21)	12.969	1685376	12.753 ug/mlm
13) T n-Docosane (C22)	13.639f	50716651	389.020 ug/mlm
14) T n-Tetracosane (C24)	14.707	19460818	150.703 ug/mlm
15) T n-Hexacosane (C26)	15.704	8137276	65.782 ug/mlm
16) T n-Octacosane (C28)	16.646	5384880	45.238 ug/mlm
17) T n-Tricontane (C30)	17.526	4606457	40.923 ug/mlm
18) T n-Dotriacontane (C32)	18.352	4323282	40.205 ug/ml
19) T n-Tetratriacontane (C34)	19.131	4348371	44.879 ug/ml
20) T n-Hexatriacontane (C36)	19.867	4306998	47.741 ug/ml
21) T n-Octatriacontane (C38)	20.572	4284133	49.230 ug/ml
22) T n-Tetracontane (C40)	21.400	4286307	51.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

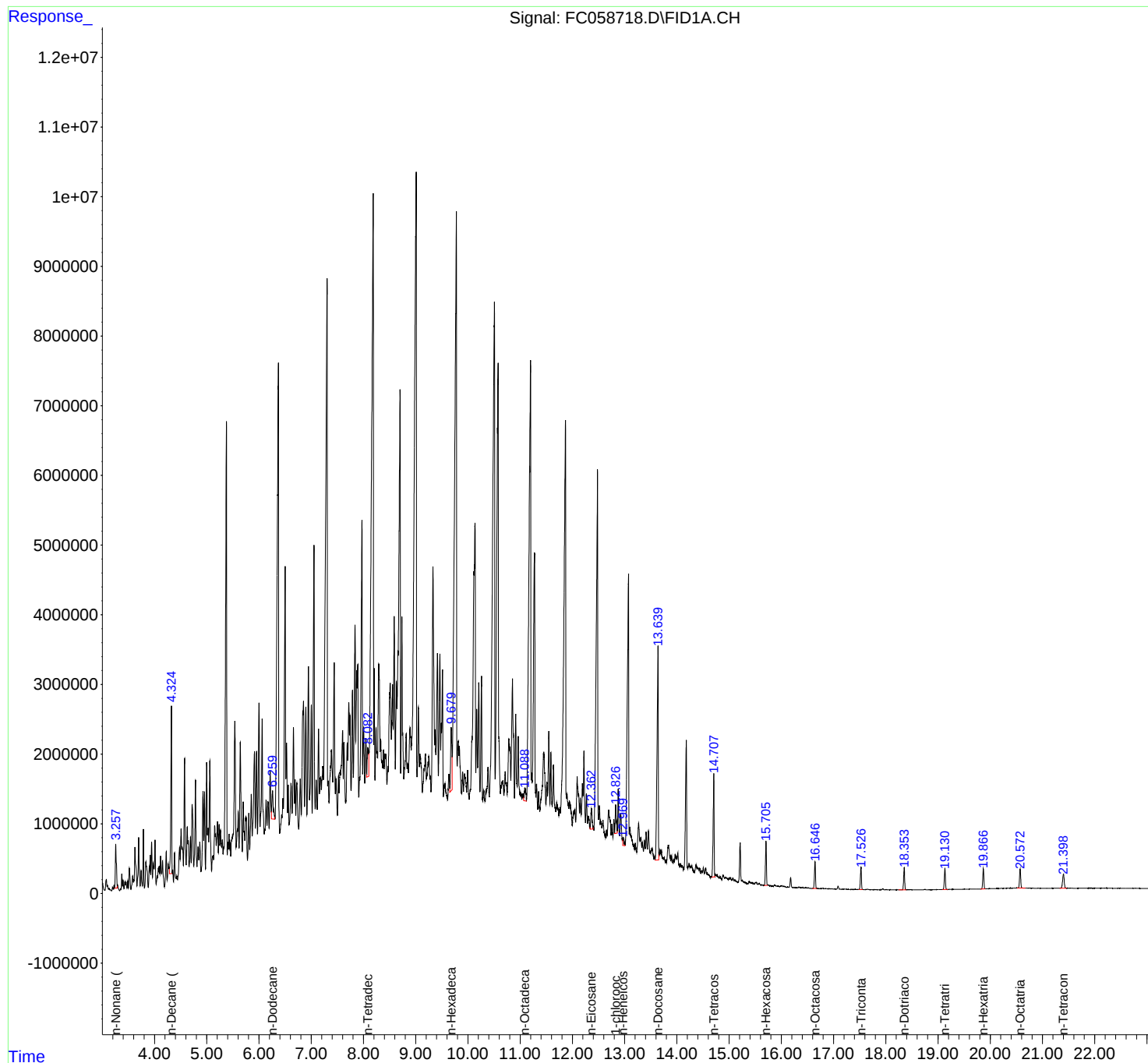
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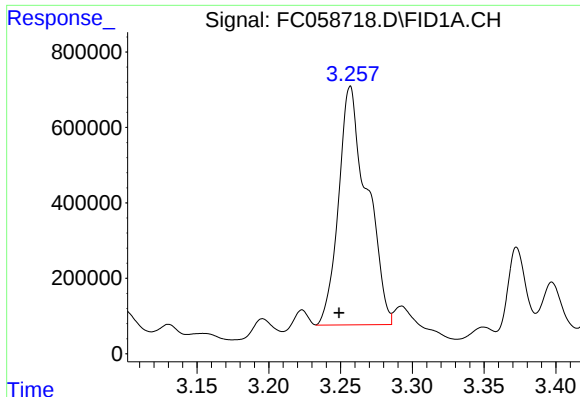
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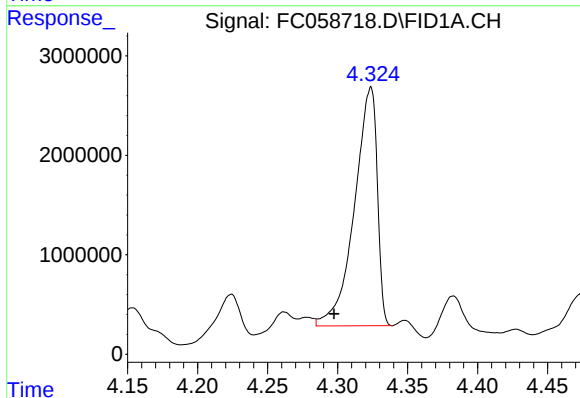
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.008 min
Response: 8727385
Conc: 72.57 ug/ml

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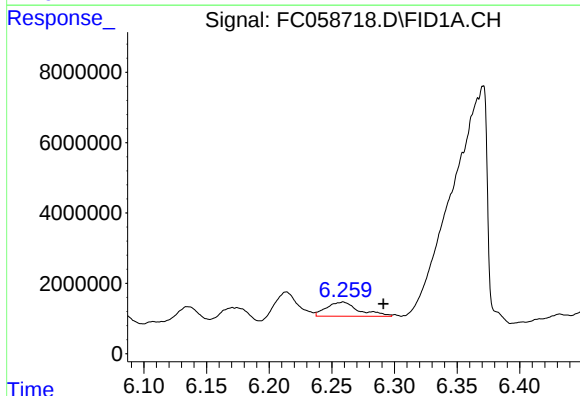
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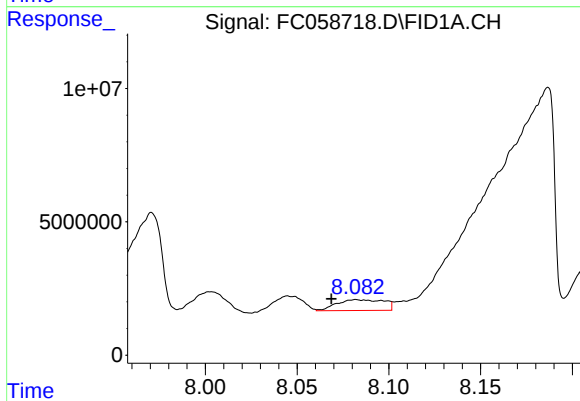
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: 0.026 min
Response: 27155250
Conc: 228.20 ug/ml m



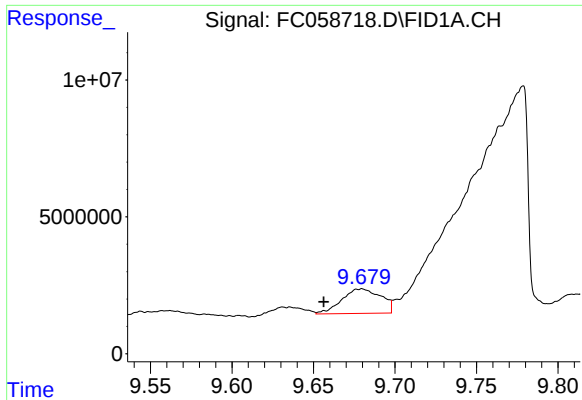
#4 n-Dodecane (C12)

R.T.: 6.259 min
Delta R.T.: -0.032 min
Response: 7208241
Conc: 58.60 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: 0.013 min
Response: 7253276
Conc: 57.88 ug/ml m



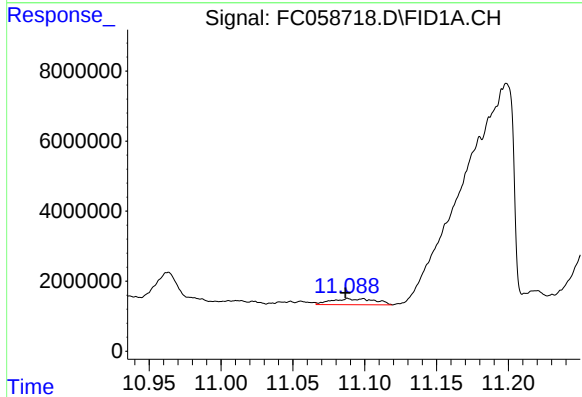
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: 0.023 min
Response: 15018357
Conc: 116.62 ug/ml

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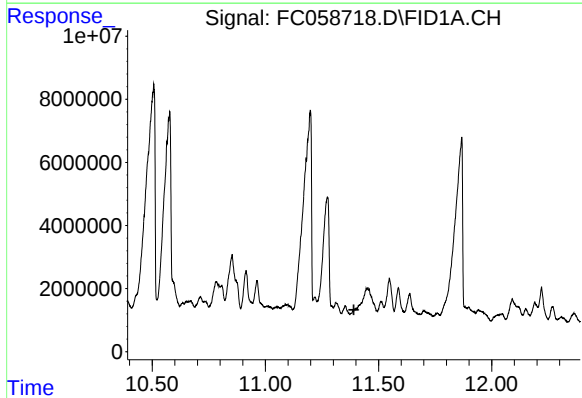
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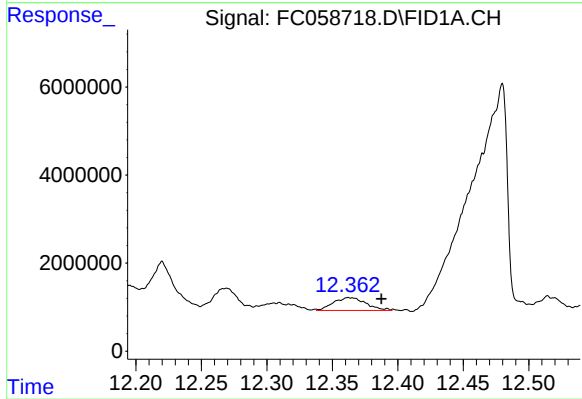
#8 n-Octadecane (C18)

R.T.: 11.088 min
Delta R.T.: 0.001 min
Response: 3591956
Conc: 27.30 ug/ml m



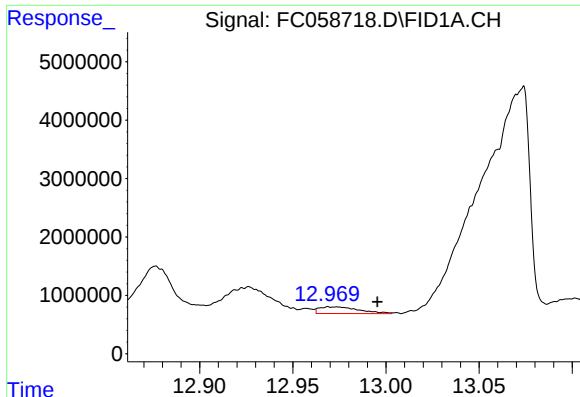
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.391 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.026 min
Response: 5086135
Conc: 38.68 ug/ml m



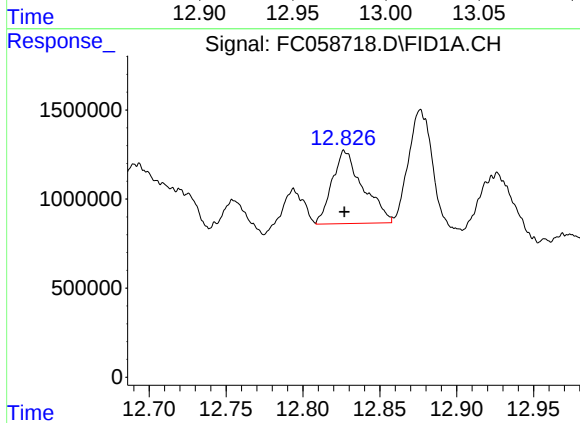
#11 n-Heneicosane (C21)

R.T.: 12.969 min
Delta R.T.: -0.027 min
Response: 1685376
Conc: 12.75 ug/ml

Instrument :
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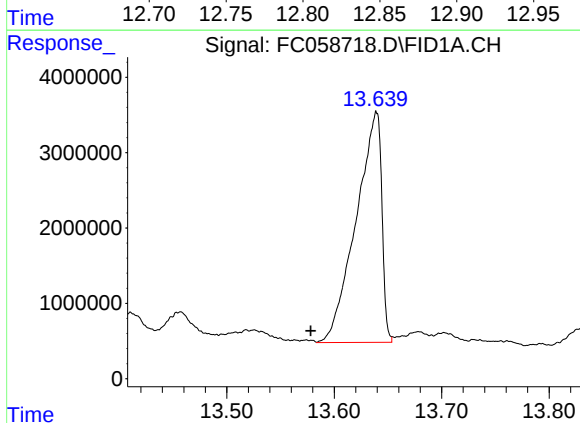
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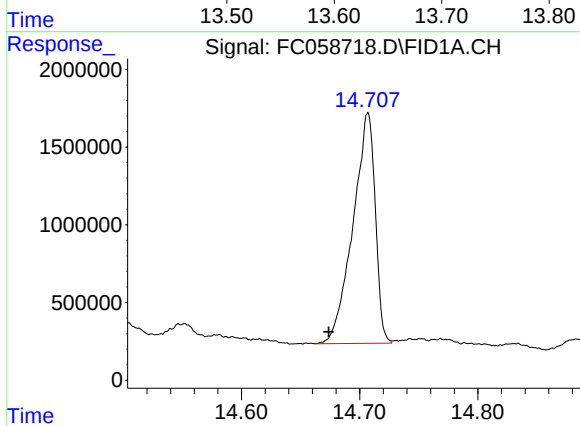
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 5744550
Conc: 50.68 ug/ml m



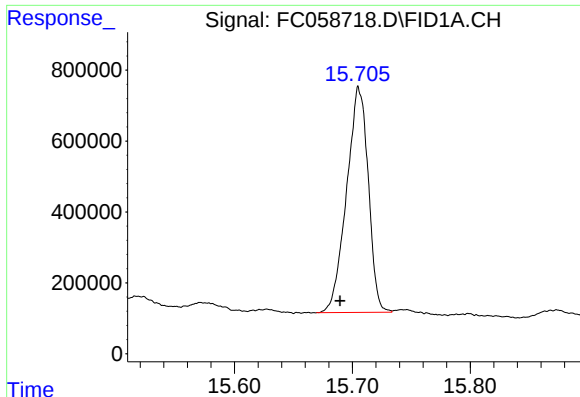
#13 n-Docosane (C22)

R.T.: 13.639 min
Delta R.T.: 0.061 min
Response: 50716651
Conc: 389.02 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: 0.033 min
Response: 19460818
Conc: 150.70 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.704 min
Delta R.T.: 0.015 min
Response: 8137276
Conc: 65.78 ug/ml

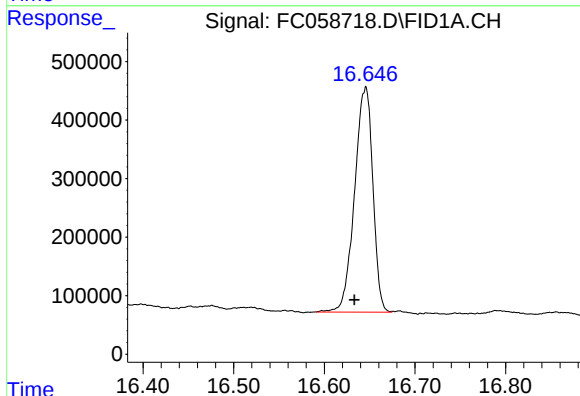
Instrument :

FID_C

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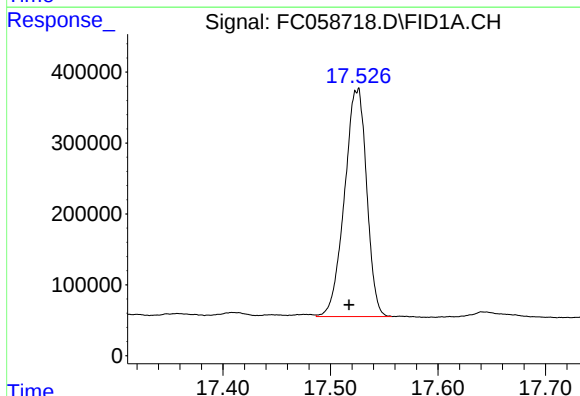
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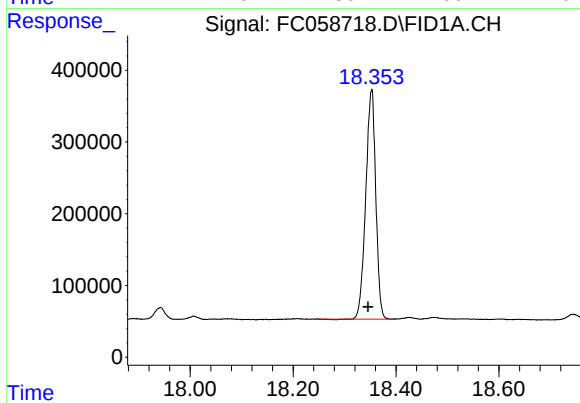
#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: 0.012 min
Response: 5384880
Conc: 45.24 ug/ml m



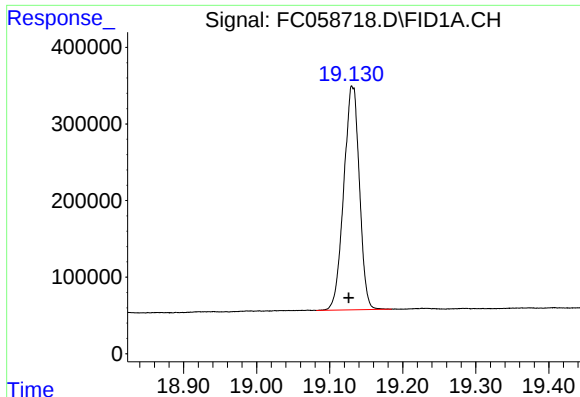
#17 n-Tricontane (C30)

R.T.: 17.526 min
Delta R.T.: 0.009 min
Response: 4606457
Conc: 40.92 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.352 min
Delta R.T.: 0.006 min
Response: 4323282
Conc: 40.20 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.005 min
Response: 4348371
Conc: 44.88 ug/ml

Instrument :

FID_C

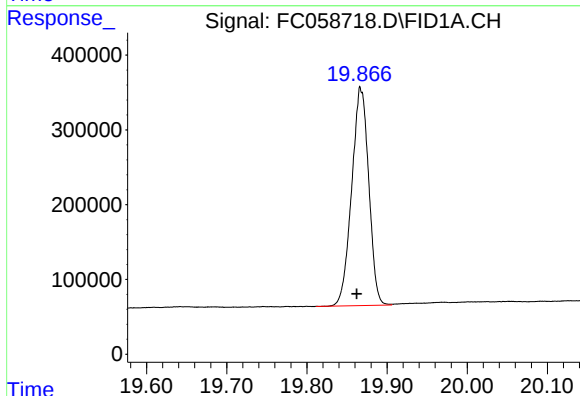
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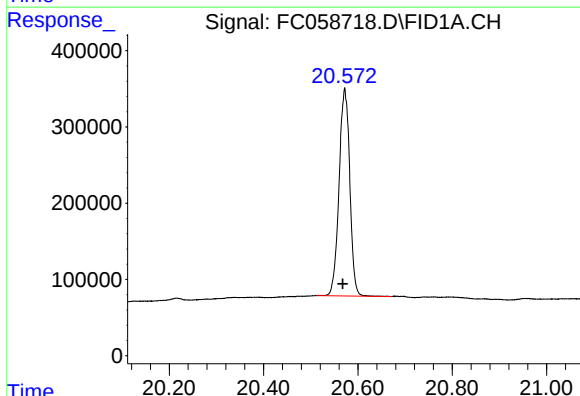
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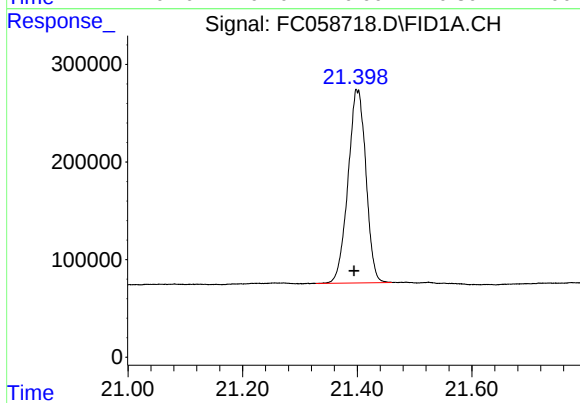
#20 n-Hexatriacontane (C36)

R.T.: 19.867 min
Delta R.T.: 0.005 min
Response: 4306998
Conc: 47.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.004 min
Response: 4284133
Conc: 49.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.400 min
Delta R.T.: 0.005 min
Response: 4286307
Conc: 51.08 ug/ml