

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064039.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 18:47
 Operator : YP/AJ
 Sample : PB153957BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153957BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 05:56:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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			
12) S 1-chlorooctadecane (S...	12.958	4689934	33.709 ug/ml
Spiked Amount 50.000		Recovery =	67.42%
Target Compounds			
1) T n-Nonane (C9)	3.302	3625834	20.330 ug/ml
2) T n-Decane (C10)	4.367	4503011	24.885 ug/ml
4) T n-Dodecane (C12)	6.382	5379585	29.862 ug/ml
6) T n-Tetradecane (C14)	8.174	5640720	32.607 ug/ml
7) T n-Hexadecane (C16)	9.772	6097622	35.102 ug/ml
8) T n-Octadecane (C18)	11.210	6282013	36.450 ug/ml
10) T n-Eicosane (C20)	12.517	6491669	39.766 ug/ml
11) T n-Heneicosane (C21)	13.127	6245271	38.979 ug/ml
13) T n-Docosane (C22)	13.711	6208863	39.513 ug/ml
14) T n-Tetracosane (C24)	14.810	6091242	38.645 ug/ml
15) T n-Hexacosane (C26)	15.829	5967215	39.495 ug/ml
16) T n-Octacosane (C28)	16.775	5861126	38.897 ug/ml
17) T n-Tricontane (C30)	17.661	5900076	37.790 ug/ml
18) T n-Dotriacontane (C32)	18.489	5849128	37.025 ug/ml
19) T n-Tetratriacontane (C34)	19.270	5848383	38.006 ug/ml
20) T n-Hexatriacontane (C36)	20.007	5638598	38.192 ug/mlm
21) T n-Octatriacontane (C38)	20.734	5632854	38.027 ug/ml
22) T n-Tetracontane (C40)	21.621	5556147	38.119 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

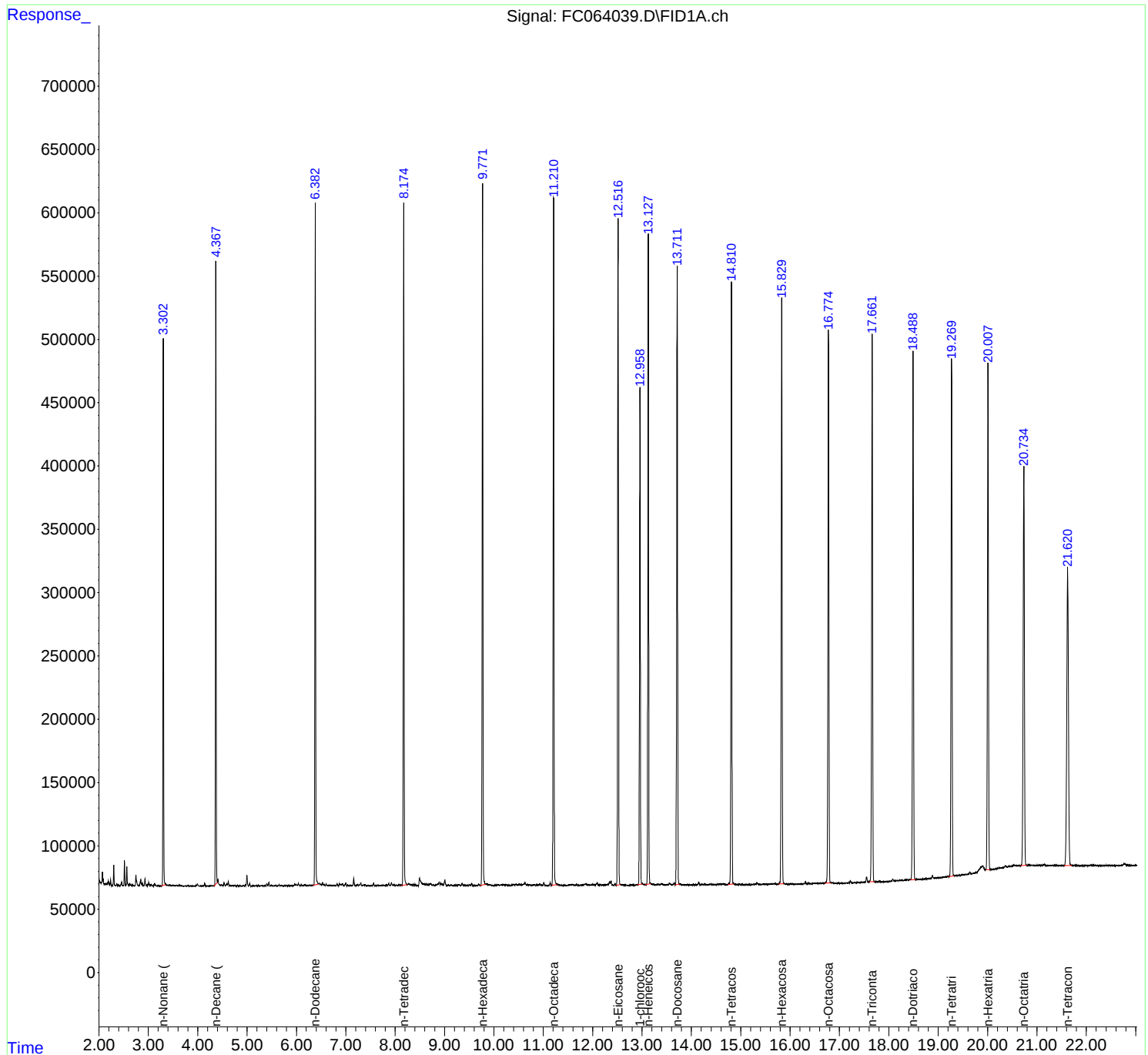
Instrument :
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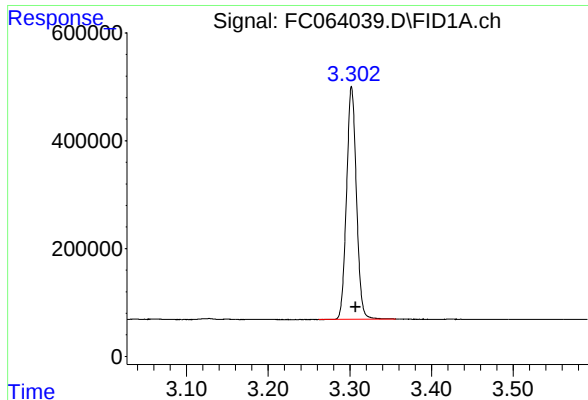
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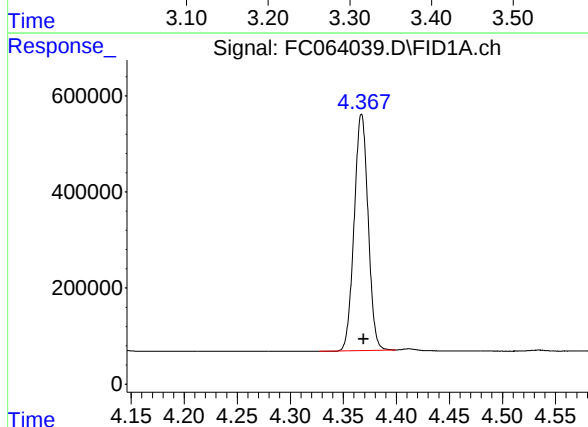
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.005 min
Response: 3625834
Conc: 20.33 ug/ml

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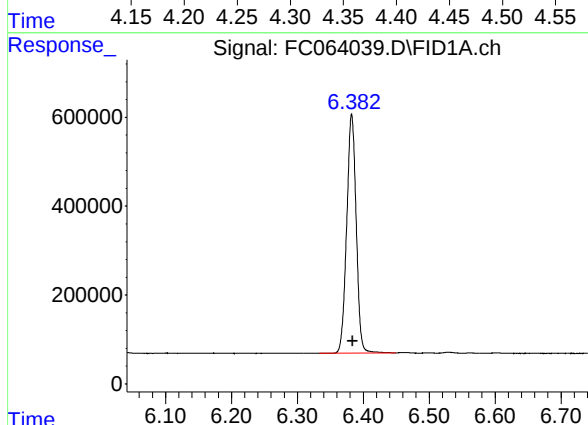
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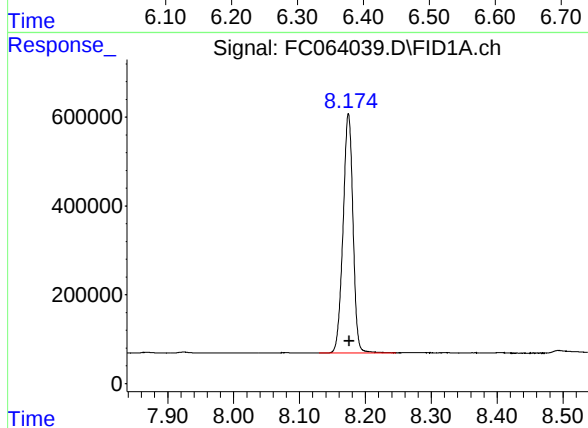
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 4503011
Conc: 24.88 ug/ml



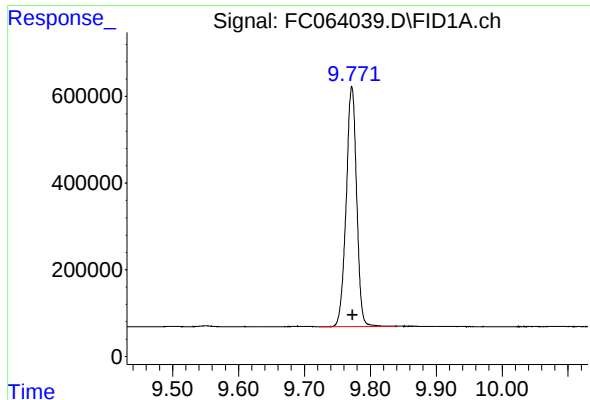
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 5379585
Conc: 29.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 5640720
Conc: 32.61 ug/ml



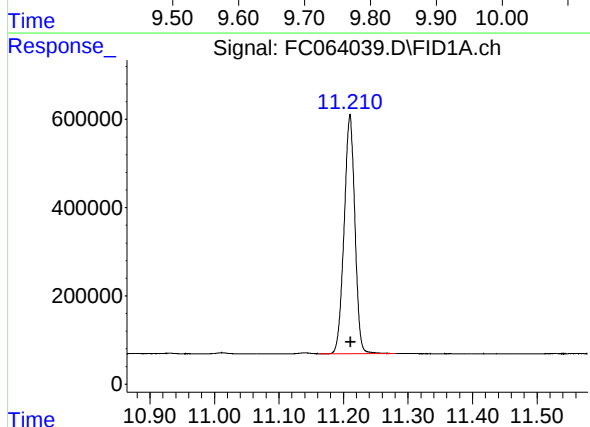
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 6097622
Conc: 35.10 ug/ml

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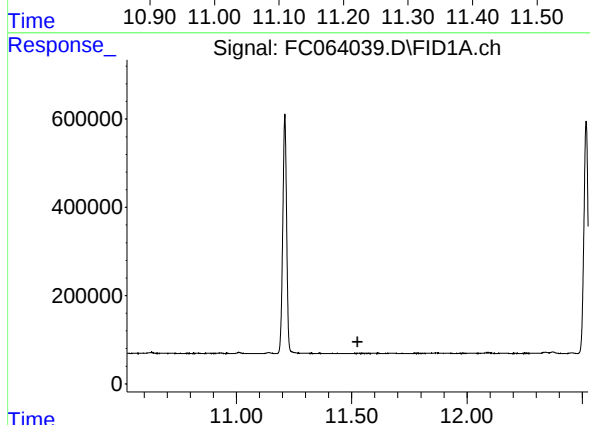
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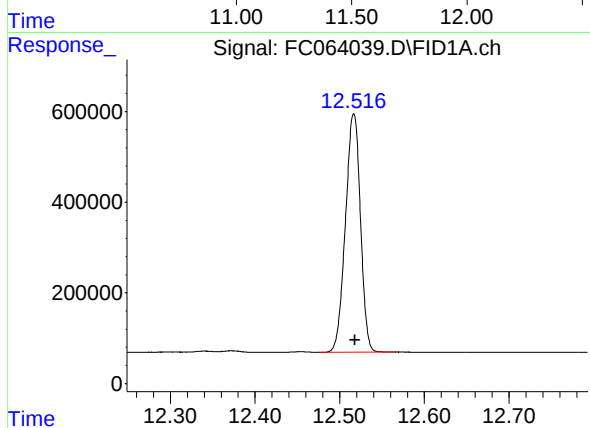
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 6282013
Conc: 36.45 ug/ml



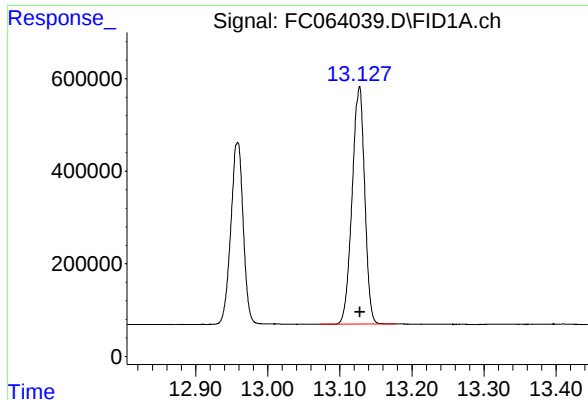
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.525 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.001 min
Response: 6491669
Conc: 39.77 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.000 min
Response: 6245271
Conc: 38.98 ug/ml

Instrument :

FID_C

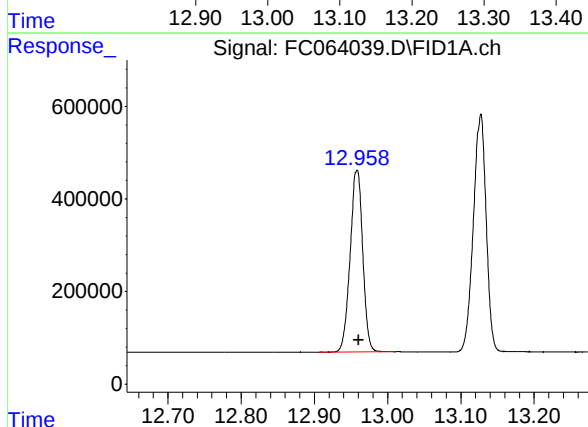
ClientSampleId :

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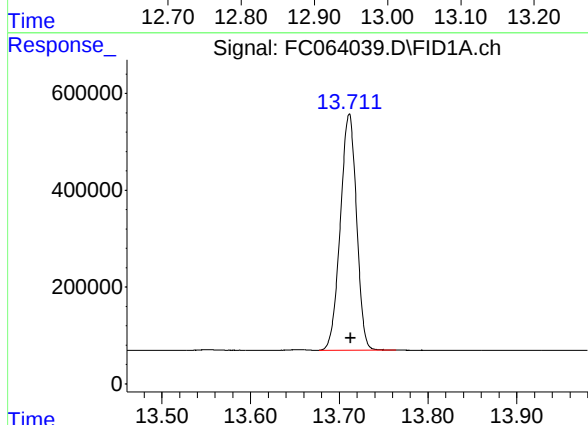
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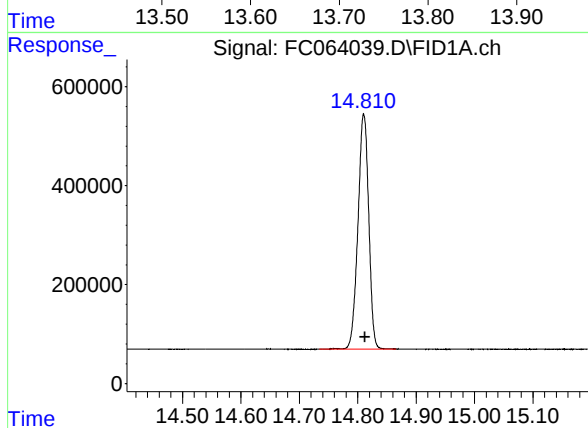
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 4689934
Conc: 33.71 ug/ml



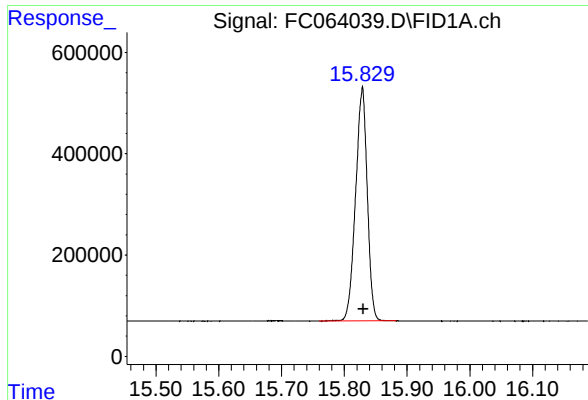
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 6208863
Conc: 39.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.002 min
Response: 6091242
Conc: 38.64 ug/ml



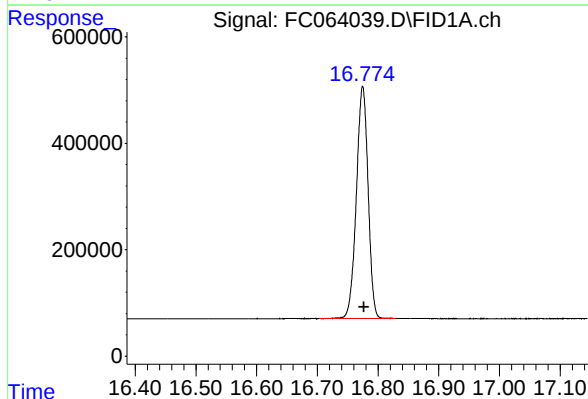
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 5967215
Conc: 39.50 ug/ml

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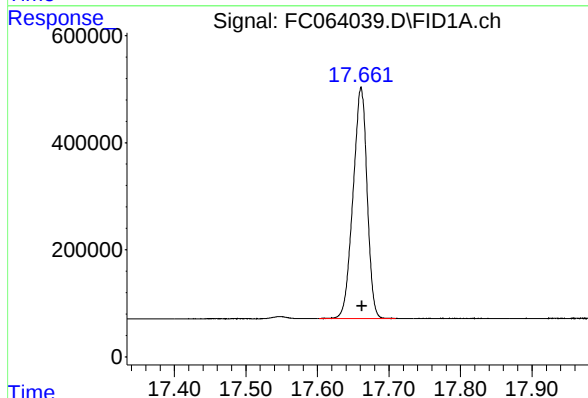
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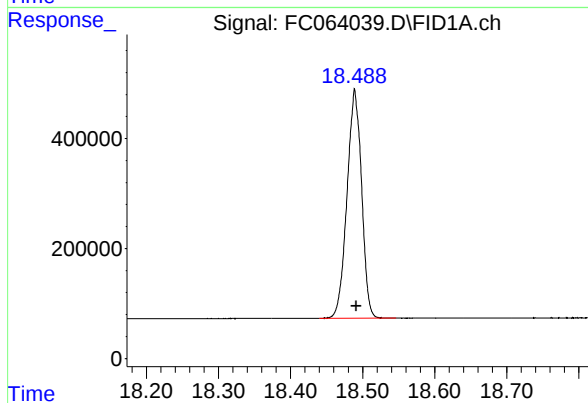
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 5861126
Conc: 38.90 ug/ml



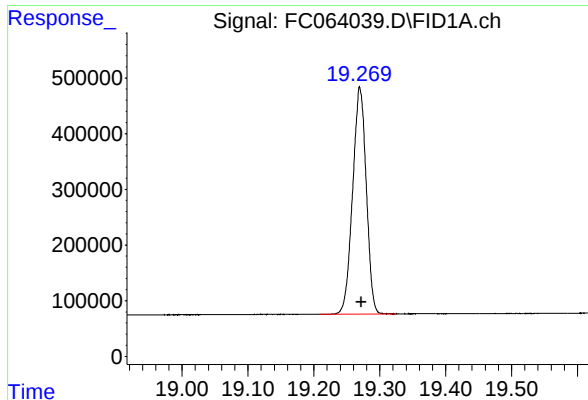
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.001 min
Response: 5900076
Conc: 37.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.002 min
Response: 5849128
Conc: 37.03 ug/ml



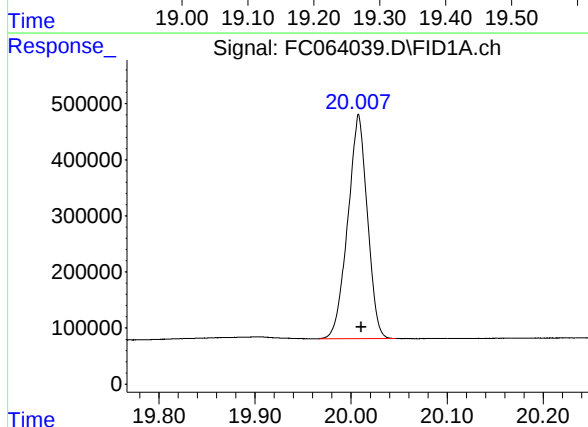
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 5848383
Conc: 38.01 ug/ml

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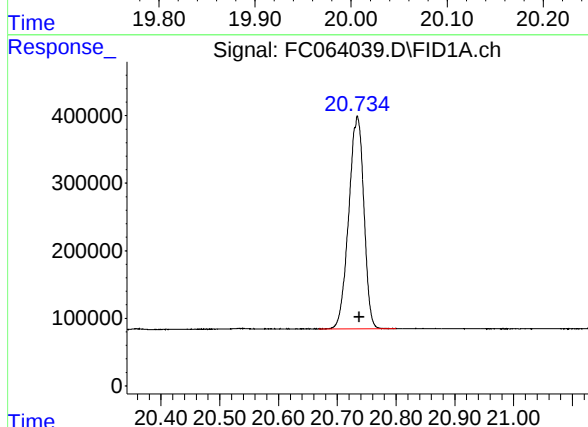
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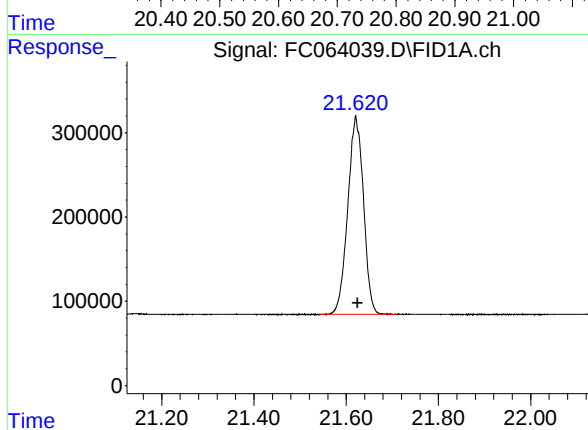
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 5638598
Conc: 38.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.003 min
Response: 5632854
Conc: 38.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.005 min
Response: 5556147
Conc: 38.12 ug/ml