

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064038.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 17:58
 Operator : YP/AJ
 Sample : PB153957BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153957BS

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 05:56:18 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...	12.959	4507670	32.399 ug/ml
Spiked Amount 50.000		Recovery =	64.80%
Target Compounds			
1) T n-Nonane (C9)	3.303	3633649	20.374 ug/ml
2) T n-Decane (C10)	4.367	4512979	24.940 ug/ml
4) T n-Dodecane (C12)	6.383	5386843	29.902 ug/ml
6) T n-Tetradecane (C14)	8.174	5621599	32.497 ug/ml
7) T n-Hexadecane (C16)	9.773	6054671	34.855 ug/ml
8) T n-Octadecane (C18)	11.211	6216685	36.071 ug/ml
10) T n-Eicosane (C20)	12.518	6418753	39.319 ug/ml
11) T n-Heneicosane (C21)	13.128	6172146	38.522 ug/ml
13) T n-Docosane (C22)	13.712	6134543	39.040 ug/ml
14) T n-Tetracosane (C24)	14.812	6034038	38.282 ug/ml
15) T n-Hexacosane (C26)	15.829	5905886	39.090 ug/ml
16) T n-Octacosane (C28)	16.776	5814822	38.590 ug/ml
17) T n-Tricontane (C30)	17.660	5861225	37.541 ug/ml
18) T n-Dotriacontane (C32)	18.489	5811544	36.787 ug/ml
19) T n-Tetratriacontane (C34)	19.271	5815294	37.791 ug/ml
20) T n-Hexatriacontane (C36)	20.009	5643694	38.227 ug/mlm
21) T n-Octatriacontane (C38)	20.733	5649986	38.143 ug/ml
22) T n-Tetracontane (C40)	21.623	5598125	38.407 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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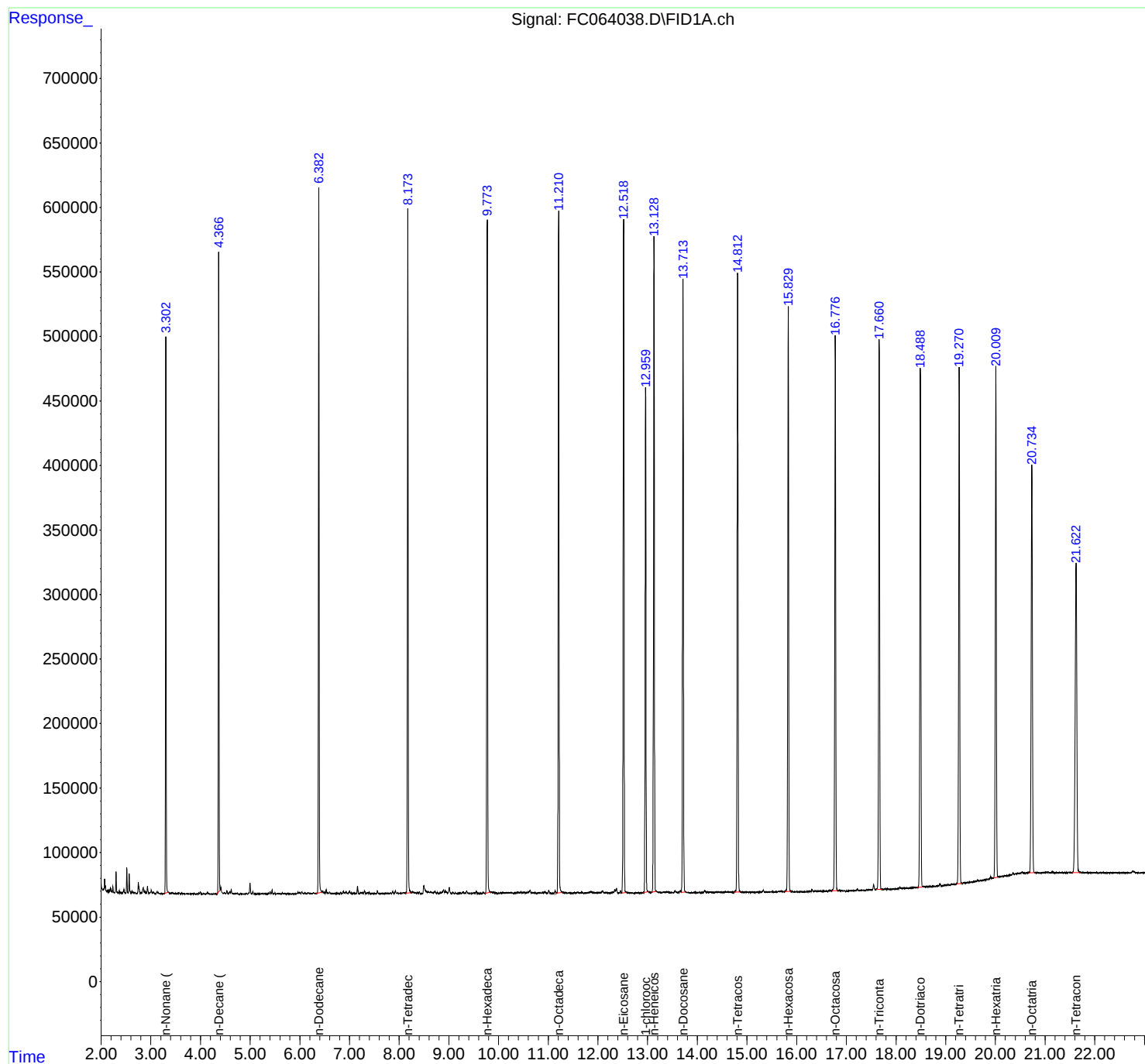
Response via : Initial Calibration

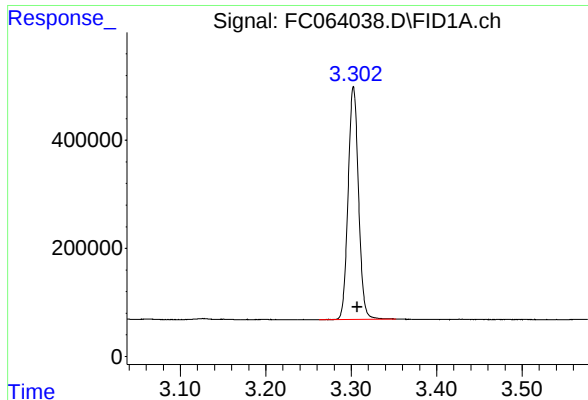
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





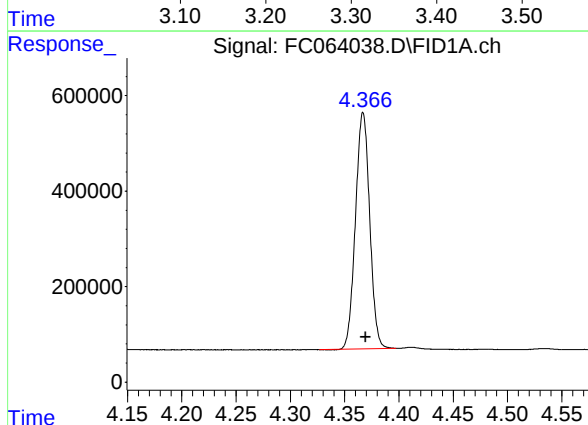
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.004 min
Response: 3633649
Conc: 20.37 ug/ml

Instrument :
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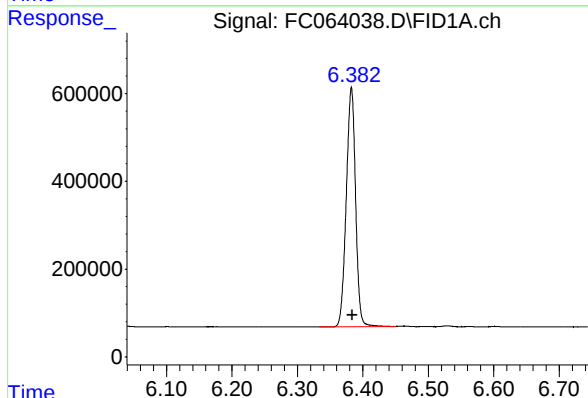
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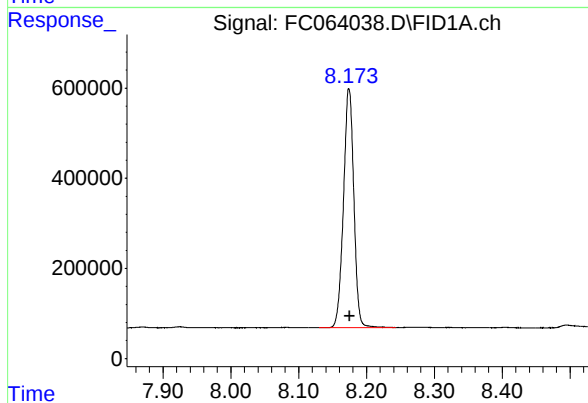
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 4512979
Conc: 24.94 ug/ml



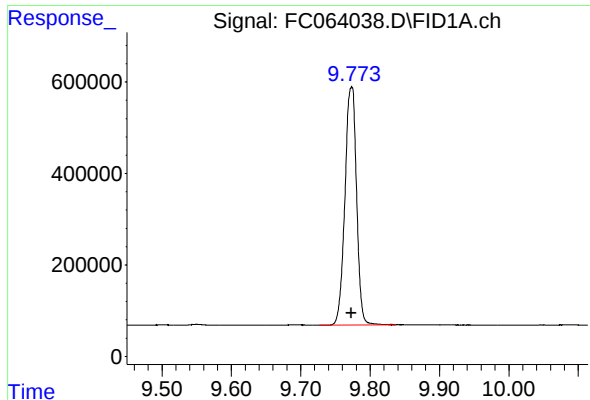
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 5386843
Conc: 29.90 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 5621599
Conc: 32.50 ug/ml



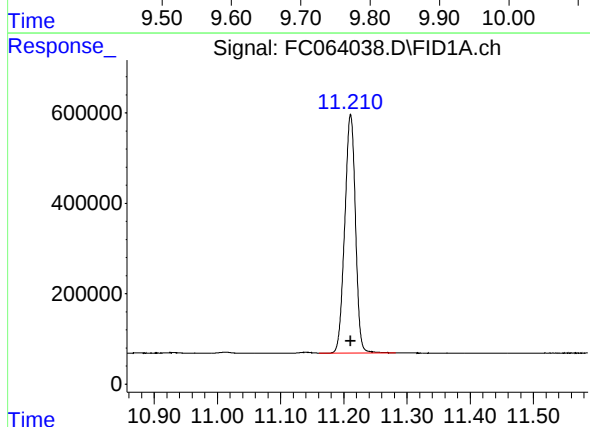
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 6054671
Conc: 34.85 ug/ml

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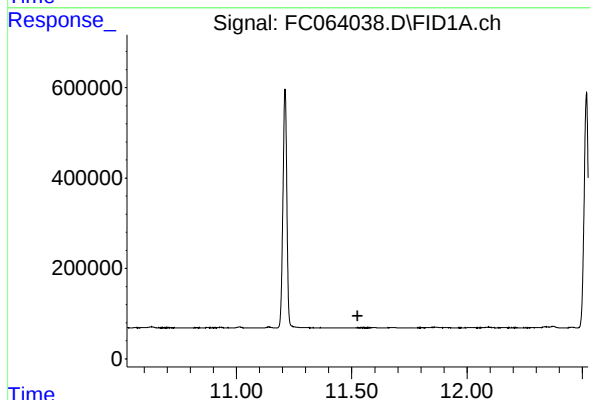
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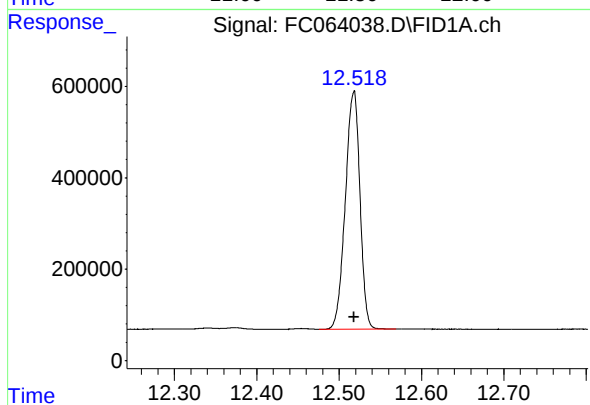
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 6216685
Conc: 36.07 ug/ml



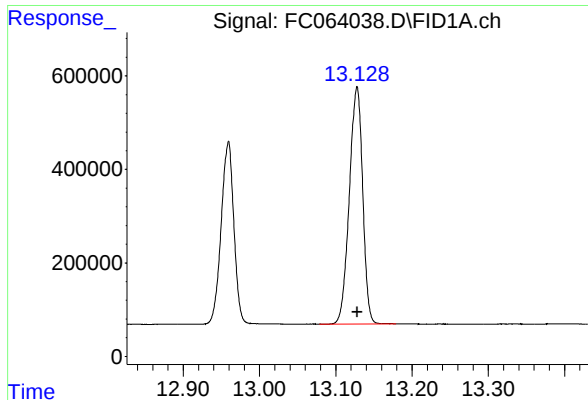
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 6418753
Conc: 39.32 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 6172146
Conc: 38.52 ug/ml

Instrument :

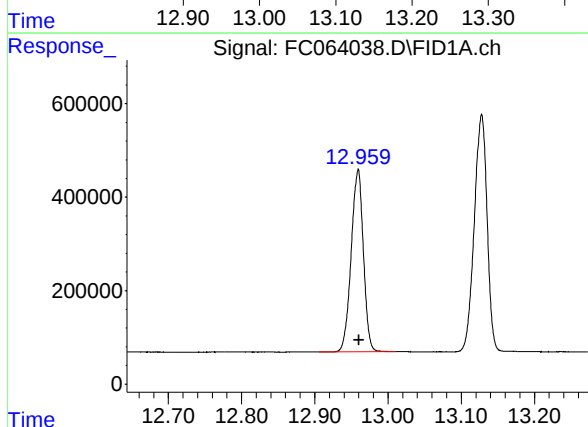
FID_C

ClientSampleId :

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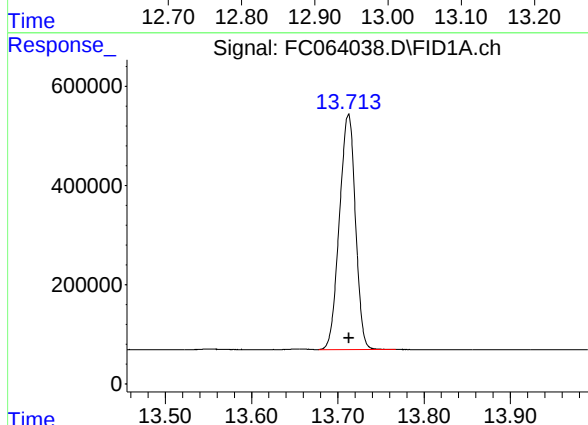
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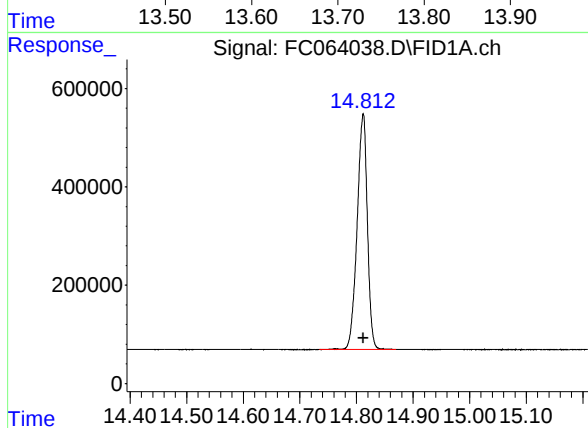
#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.001 min
Response: 4507670
Conc: 32.40 ug/ml



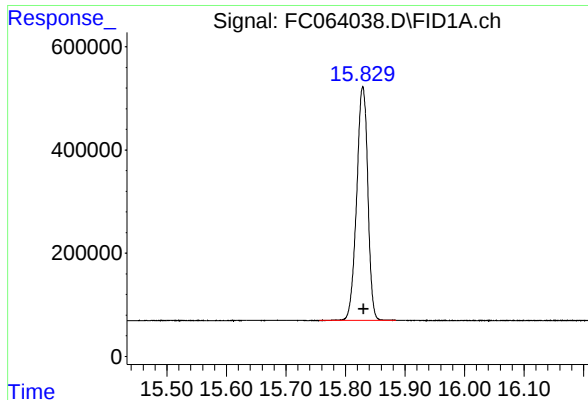
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 6134543
Conc: 39.04 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 6034038
Conc: 38.28 ug/ml



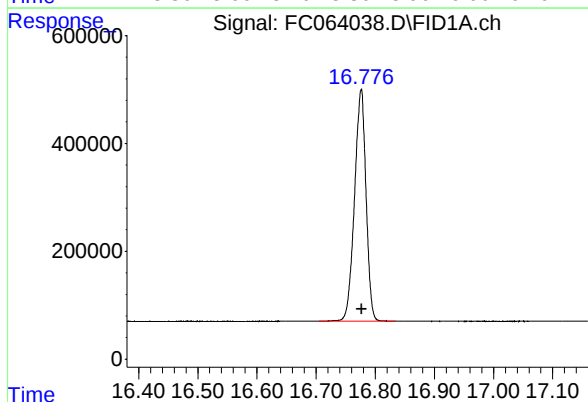
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 5905886
Conc: 39.09 ug/ml

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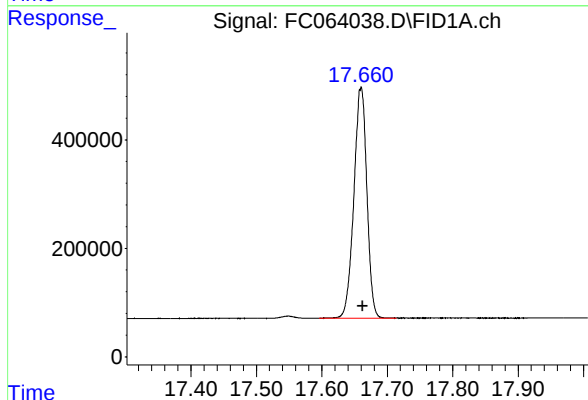
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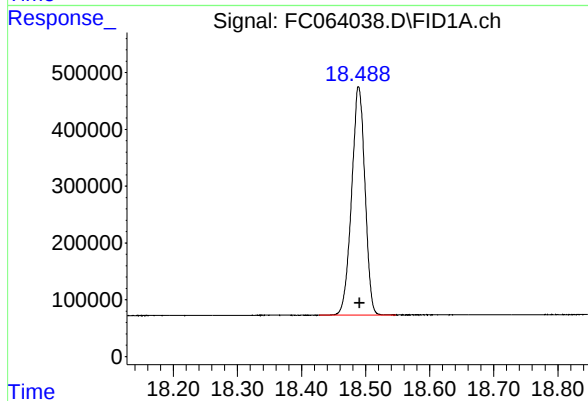
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 5814822
Conc: 38.59 ug/ml



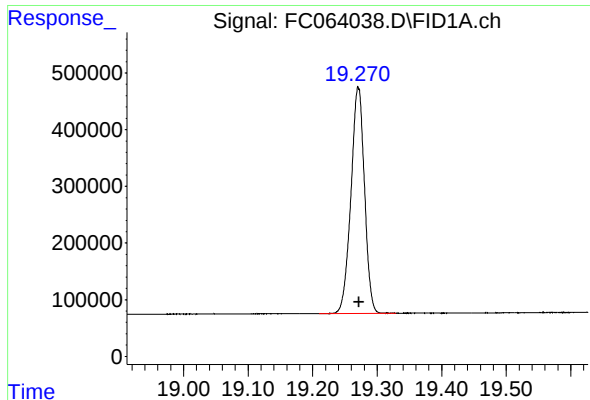
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 5861225
Conc: 37.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.002 min
Response: 5811544
Conc: 36.79 ug/ml



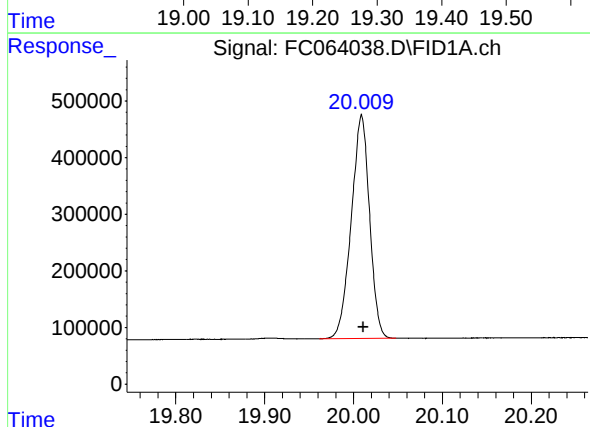
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.001 min
Response: 5815294
Conc: 37.79 ug/ml

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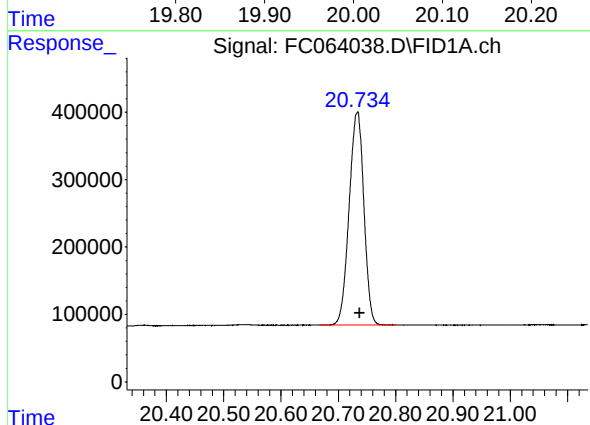
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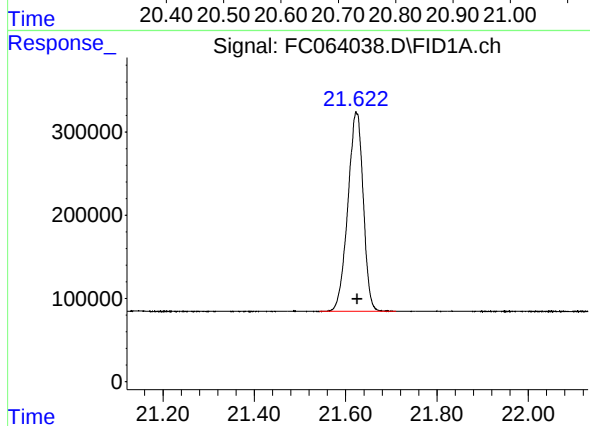
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: -0.002 min
Response: 5643694
Conc: 38.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.004 min
Response: 5649986
Conc: 38.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.002 min
Response: 5598125
Conc: 38.41 ug/ml