

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064138.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 17:57
 Operator : YP/AJ
 Sample : PB154264BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154264BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 03:11:05 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...	12.955	5462981	39.265 ug/ml
Spiked Amount 50.000		Recovery =	78.53%
Target Compounds			
1) T n-Nonane (C9)	3.305	4129863	23.156 ug/ml
2) T n-Decane (C10)	4.367	5261006	29.074 ug/ml
4) T n-Dodecane (C12)	6.381	6270725	34.809 ug/ml
6) T n-Tetradecane (C14)	8.172	6650797	38.446 ug/ml
7) T n-Hexadecane (C16)	9.769	7524167	43.314 ug/ml
8) T n-Octadecane (C18)	11.208	8062949	46.783 ug/ml
10) T n-Eicosane (C20)	12.514	8283415	50.742 ug/ml
11) T n-Heneicosane (C21)	13.124	7943807	49.580 ug/ml
13) T n-Docosane (C22)	13.709	7911583	50.349 ug/ml
14) T n-Tetracosane (C24)	14.808	7858467	49.856 ug/ml
15) T n-Hexacosane (C26)	15.825	7724475	51.126 ug/ml
16) T n-Octacosane (C28)	16.773	7687009	51.015 ug/ml
17) T n-Tricontane (C30)	17.658	7748629	49.630 ug/ml
18) T n-Dotriacontane (C32)	18.487	7622304	48.249 ug/ml
19) T n-Tetratriacontane (C34)	19.267	7423629	48.243 ug/ml
20) T n-Hexatriacontane (C36)	20.002	7094190	48.051 ug/mlm
21) T n-Octatriacontane (C38)	20.726	7043938	47.553 ug/ml
22) T n-Tetracontane (C40)	21.612	6951753	47.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB154264BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

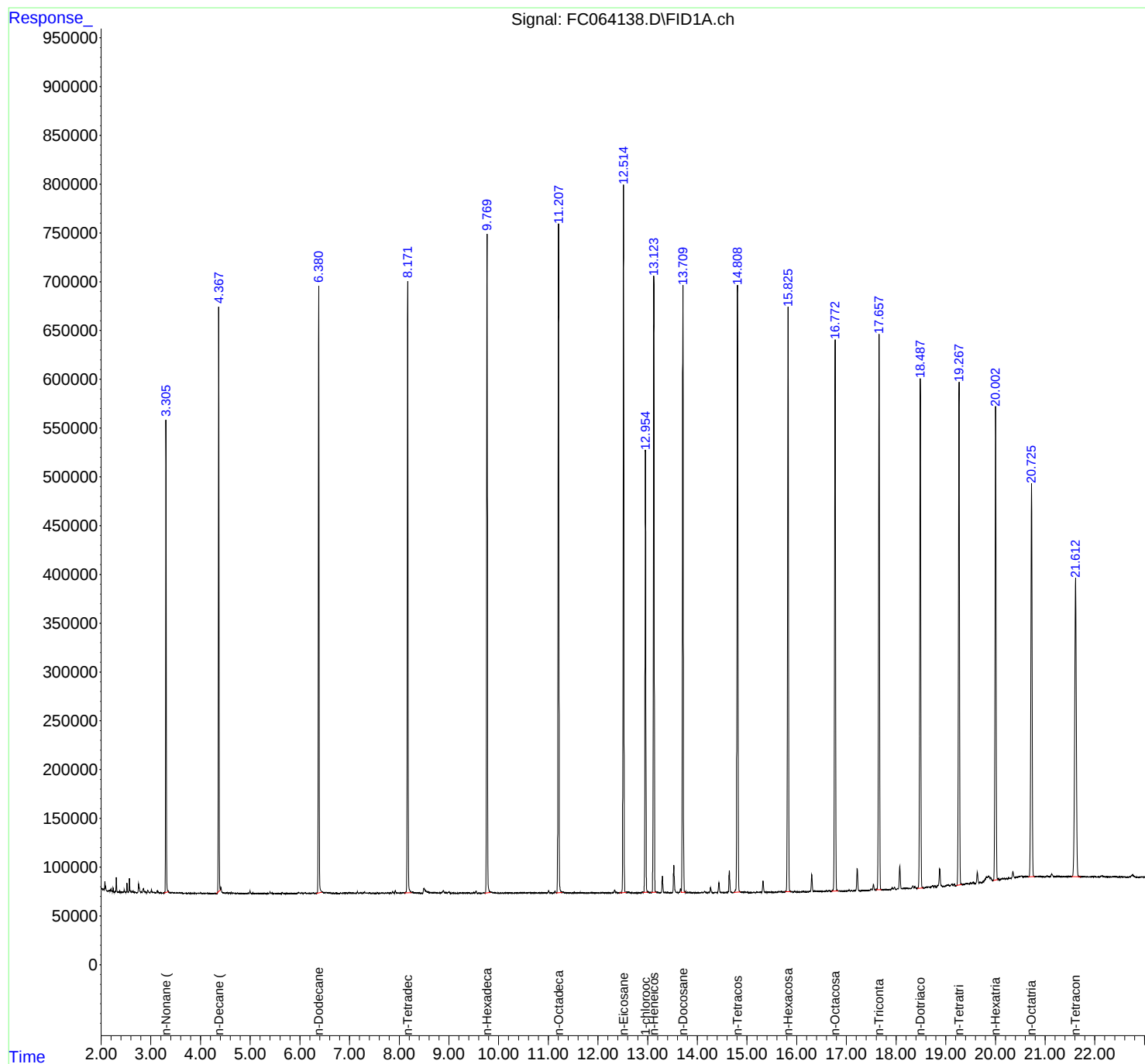
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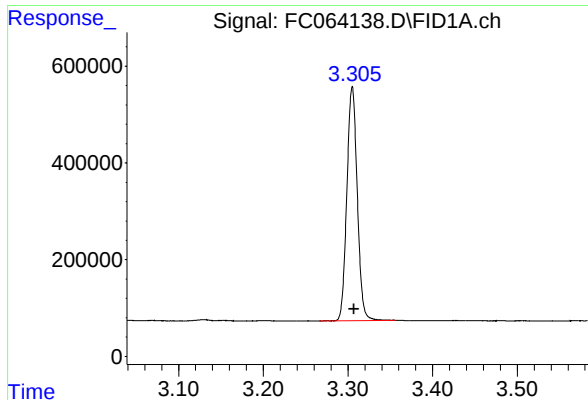
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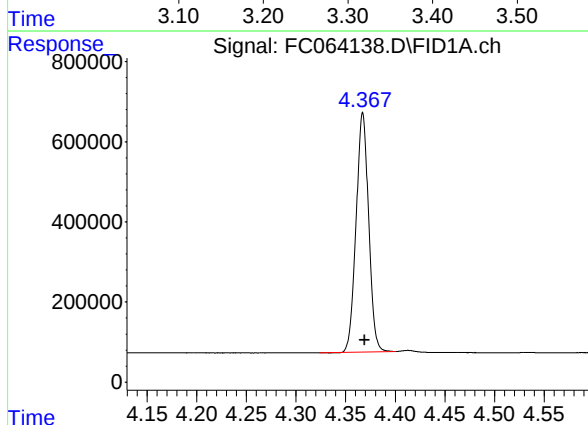
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 4129863
Conc: 23.16 ug/ml

Instrument :
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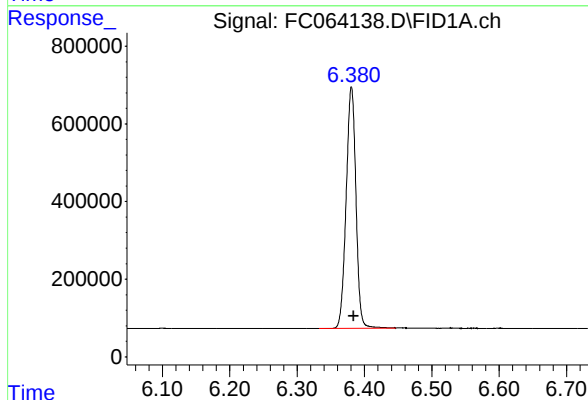
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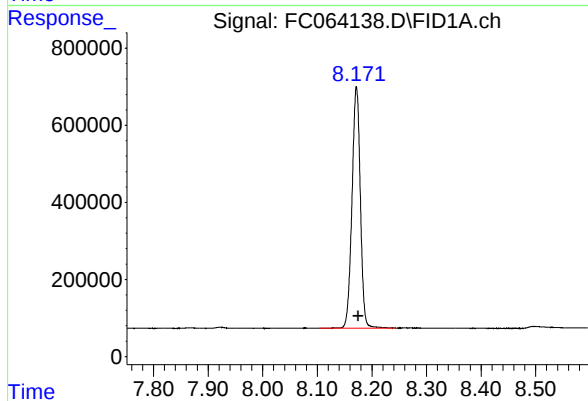
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 5261006
Conc: 29.07 ug/ml



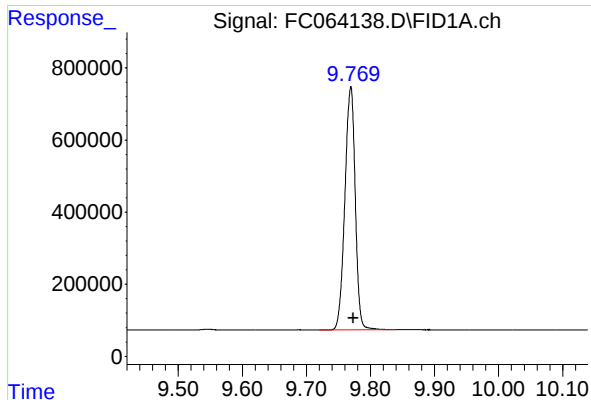
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 6270725
Conc: 34.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 6650797
Conc: 38.45 ug/ml



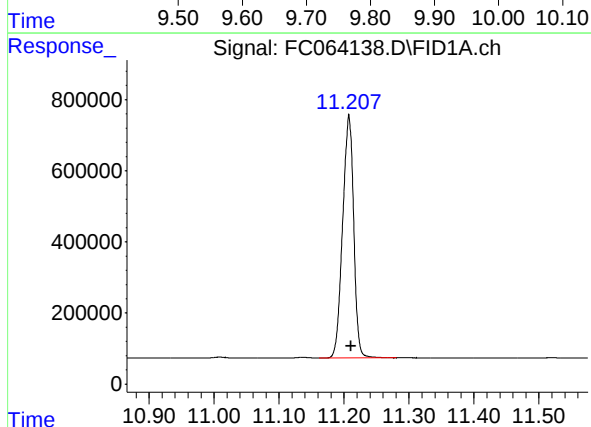
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.004 min
Response: 7524167
Conc: 43.31 ug/ml

Instrument :
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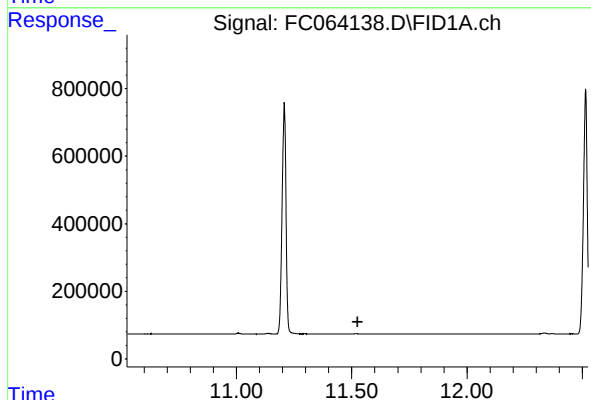
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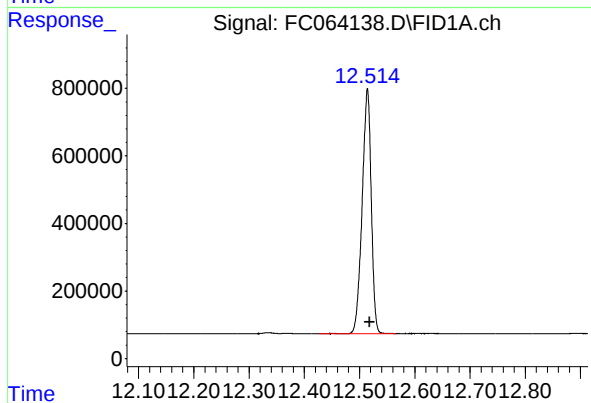
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 8062949
Conc: 46.78 ug/ml



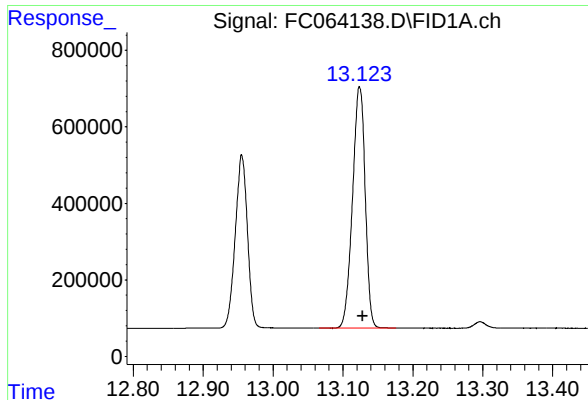
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 8283415
Conc: 50.74 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 7943807
Conc: 49.58 ug/ml

Instrument :

FID_C

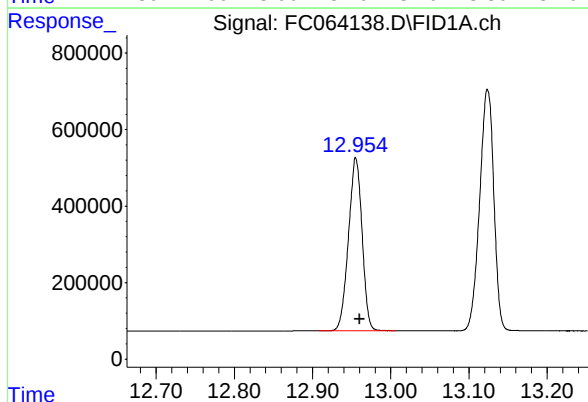
ClientSampleId :

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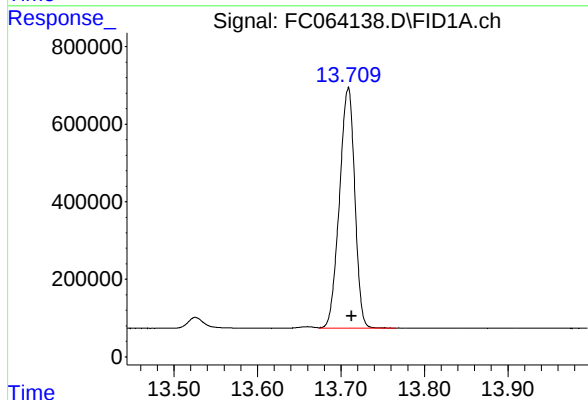
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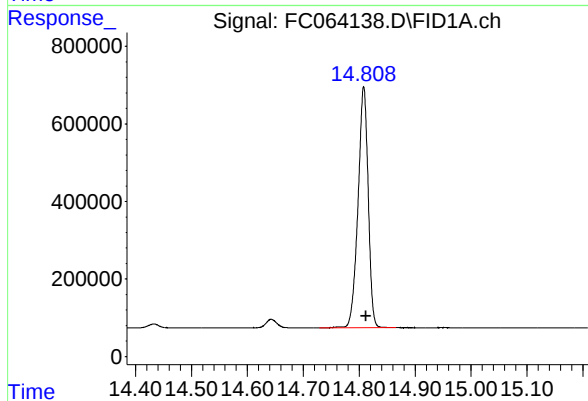
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 5462981
Conc: 39.27 ug/ml



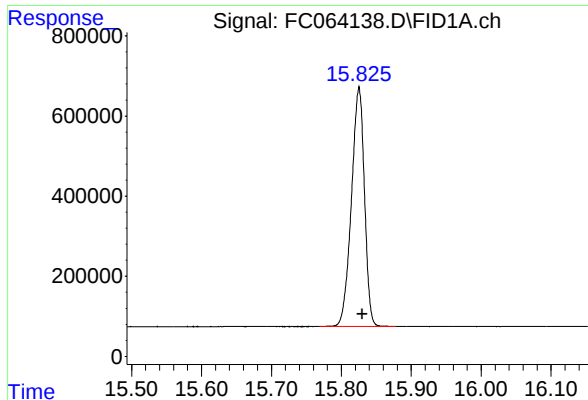
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 7911583
Conc: 50.35 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.004 min
Response: 7858467
Conc: 49.86 ug/ml



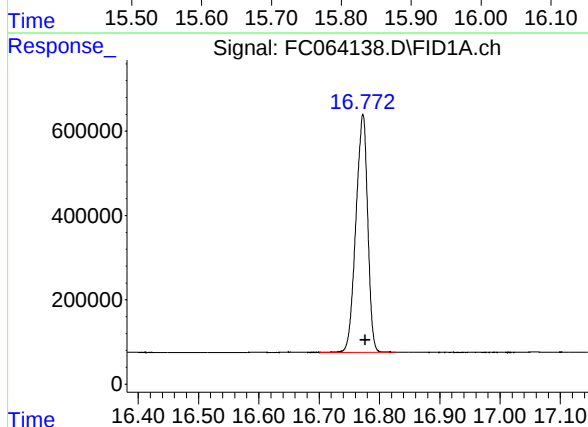
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 7724475
Conc: 51.13 ug/ml

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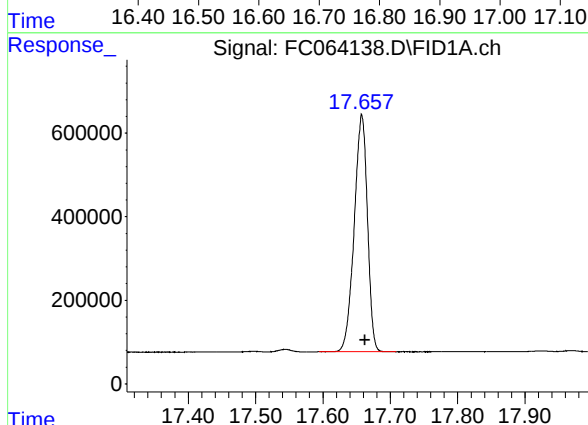
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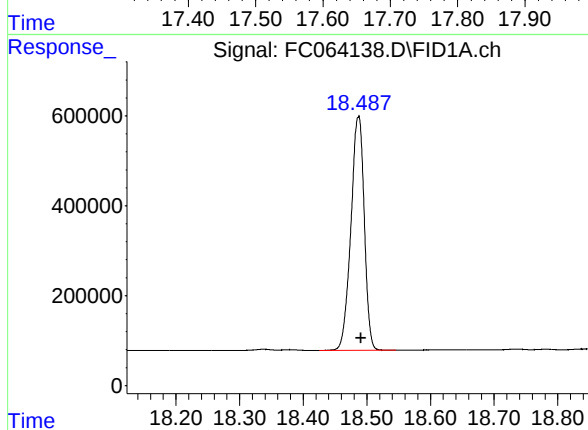
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.004 min
Response: 7687009
Conc: 51.01 ug/ml



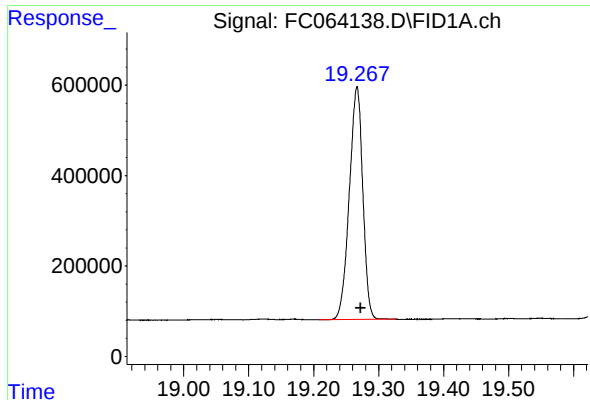
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.004 min
Response: 7748629
Conc: 49.63 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.004 min
Response: 7622304
Conc: 48.25 ug/ml



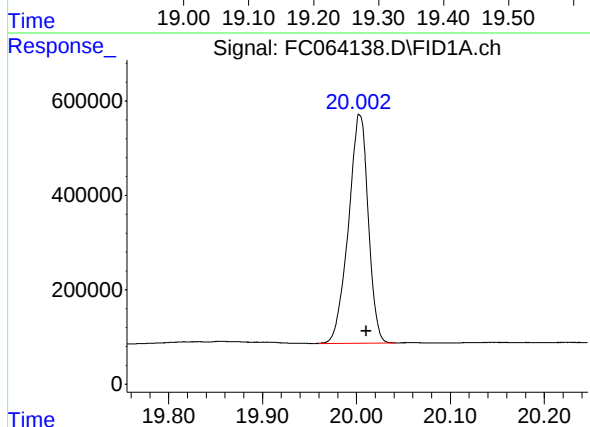
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 7423629
Conc: 48.24 ug/ml

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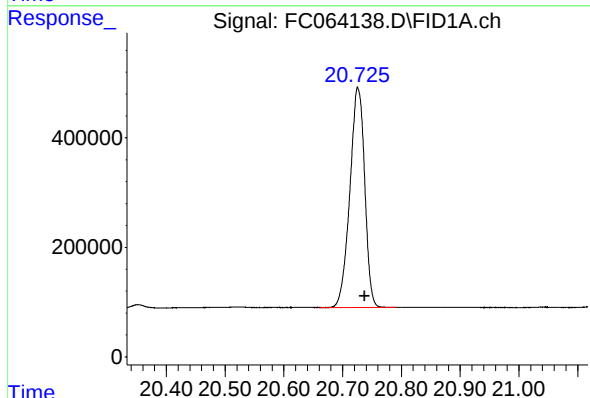
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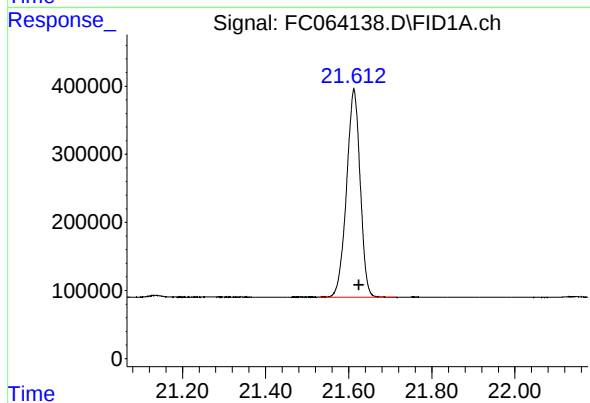
#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: -0.009 min
Response: 7094190
Conc: 48.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.012 min
Response: 7043938
Conc: 47.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 6951753
Conc: 47.69 ug/ml