

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064090.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2023 09:59
 Operator : YP/AJ
 Sample : PB154081BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154081BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: autoint1.e
 Quant Time: Jul 12 01:55:41 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	5535767	39.788 ug/ml
Spiked Amount 50.000		Recovery =	79.58%
Target Compounds			
1) T n-Nonane (C9)	3.303	4480193	25.120 ug/ml
2) T n-Decane (C10)	4.367	5684252	31.413 ug/ml
4) T n-Dodecane (C12)	6.382	6753542	37.489 ug/ml
6) T n-Tetradecane (C14)	8.173	7152491	41.346 ug/ml
7) T n-Hexadecane (C16)	9.771	8144098	46.883 ug/ml
8) T n-Octadecane (C18)	11.210	8754979	50.799 ug/ml
10) T n-Eicosane (C20)	12.516	9035194	55.347 ug/ml
11) T n-Heneicosane (C21)	13.127	8657148	54.032 ug/ml
13) T n-Docosane (C22)	13.712	8696228	55.342 ug/ml
14) T n-Tetracosane (C24)	14.811	8683171	55.089 ug/ml
15) T n-Hexacosane (C26)	15.829	8577887	56.775 ug/ml
16) T n-Octacosane (C28)	16.776	8574167	56.903 ug/ml
17) T n-Tricontane (C30)	17.659	8616295	55.188 ug/ml
18) T n-Dotriacontane (C32)	18.488	8409157	53.230 ug/ml
19) T n-Tetratriacontane (C34)	19.268	8102503	52.655 ug/ml
20) T n-Hexatriacontane (C36)	20.006	7693392	52.110 ug/mlm
21) T n-Octatriacontane (C38)	20.732	7631825	51.522 ug/ml
22) T n-Tetracontane (C40)	21.619	7544897	51.763 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB154081BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

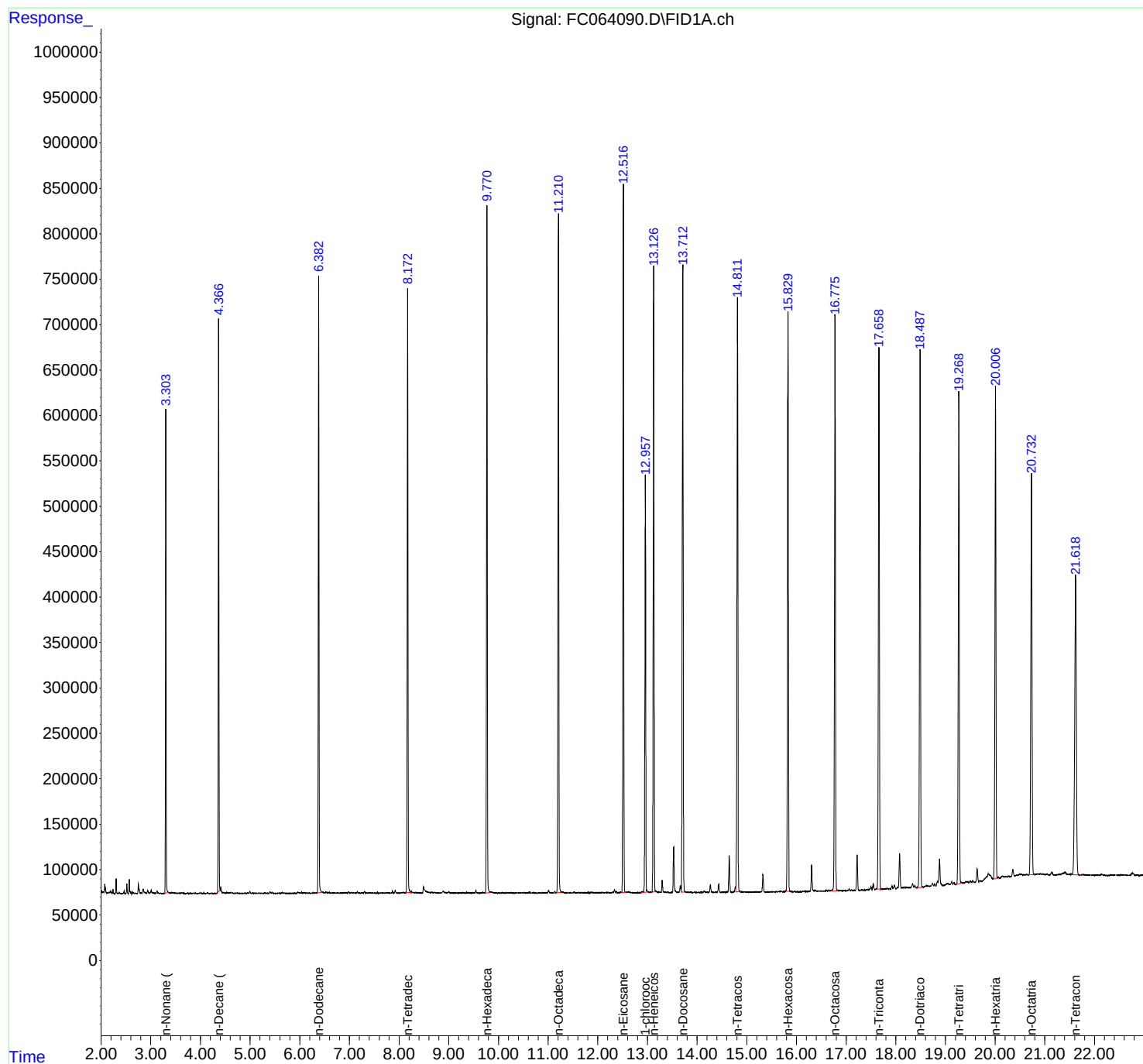
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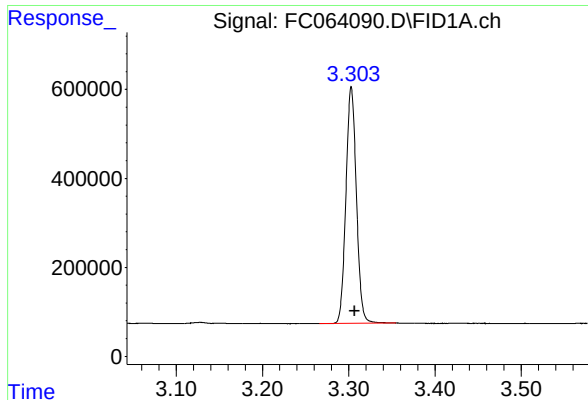
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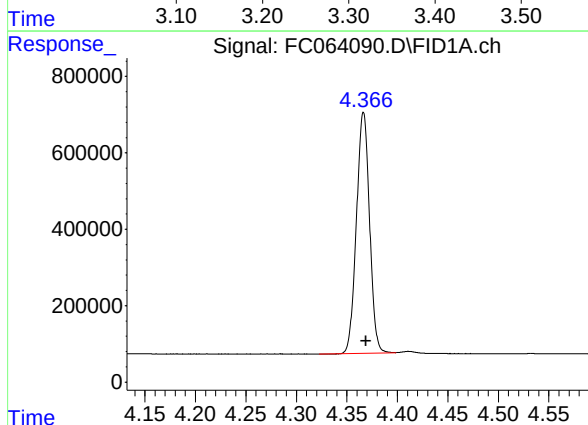
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.004 min
Response: 4480193
Conc: 25.12 ug/ml

Instrument :
FID_C
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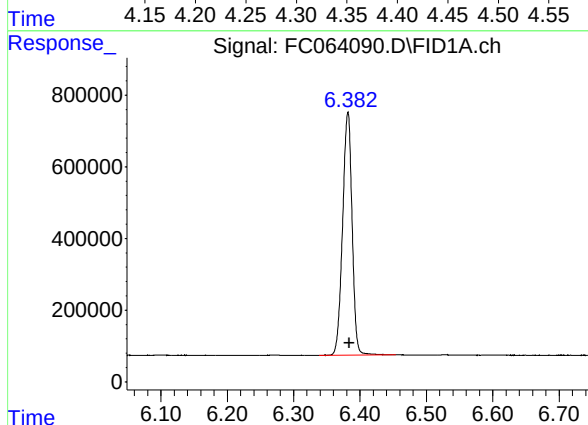
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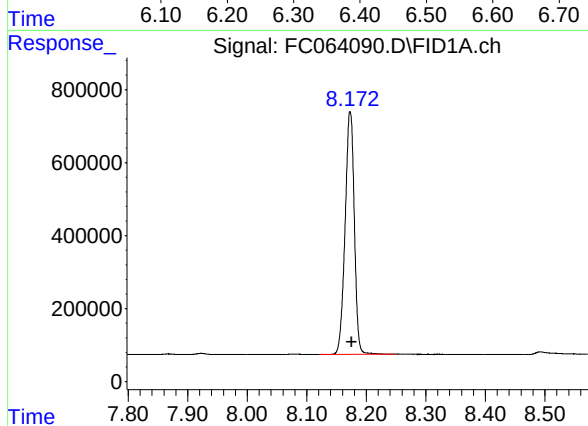
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 5684252
Conc: 31.41 ug/ml



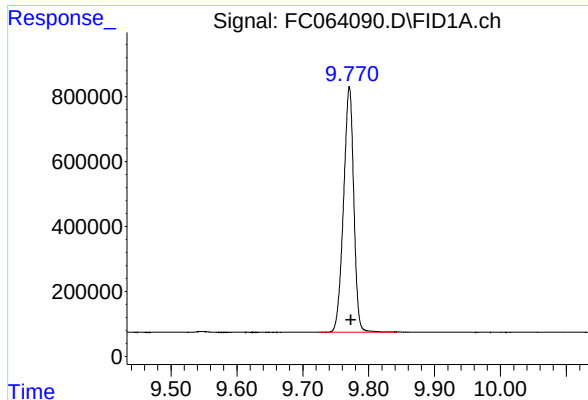
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 6753542
Conc: 37.49 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 7152491
Conc: 41.35 ug/ml



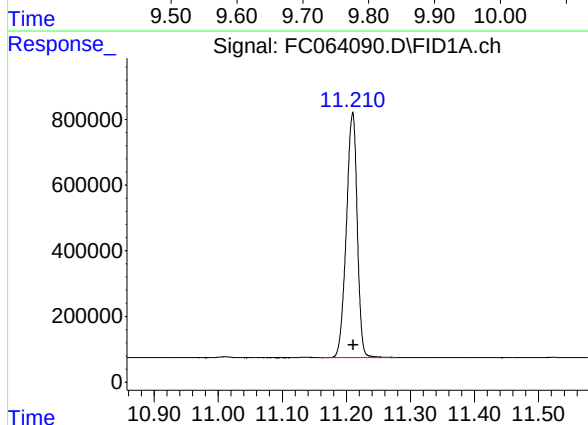
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.003 min
Response: 8144098
Conc: 46.88 ug/ml

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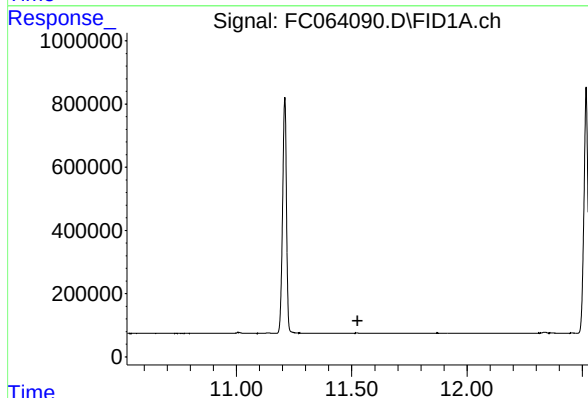
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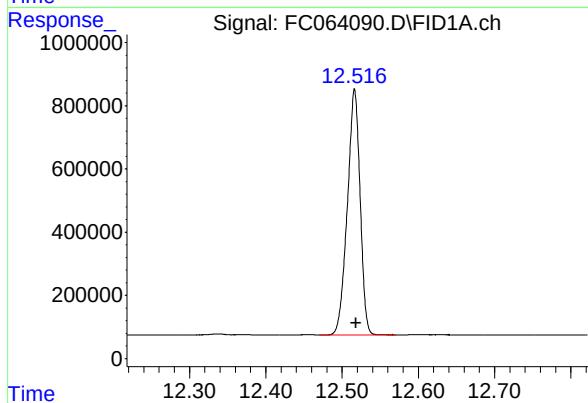
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 8754979
Conc: 50.80 ug/ml



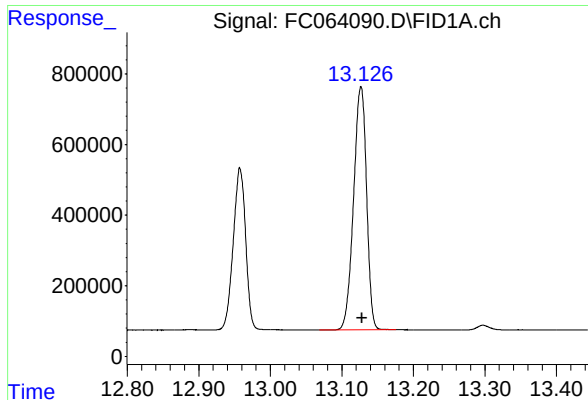
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 9035194
Conc: 55.35 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 8657148
Conc: 54.03 ug/ml

Instrument :

FID_C

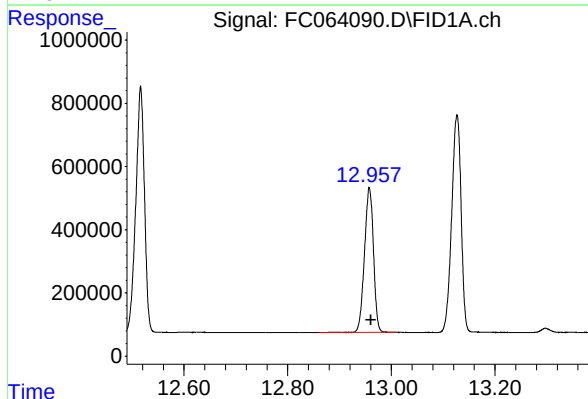
ClientSampleId :

PB154081BSD

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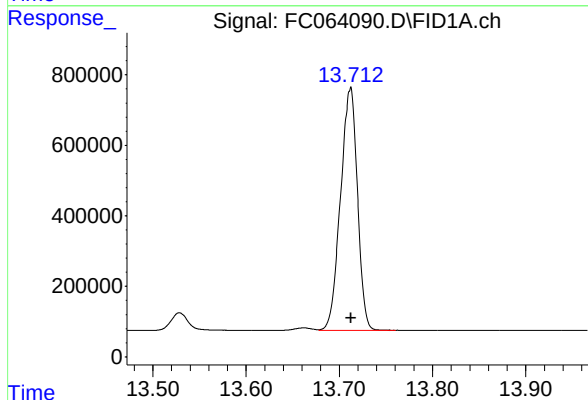
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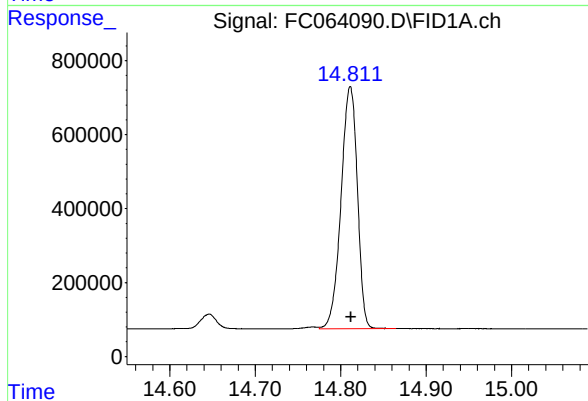
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 5535767
Conc: 39.79 ug/ml



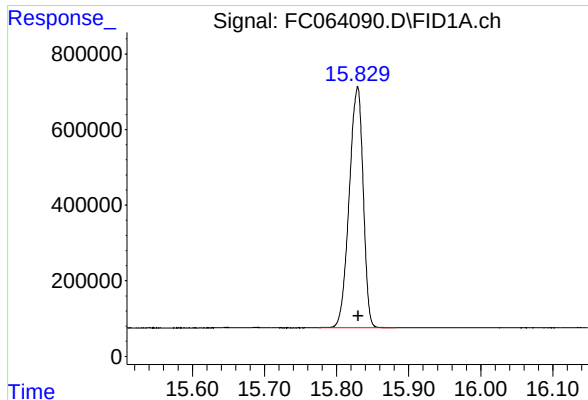
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 8696228
Conc: 55.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: 0.000 min
Response: 8683171
Conc: 55.09 ug/ml



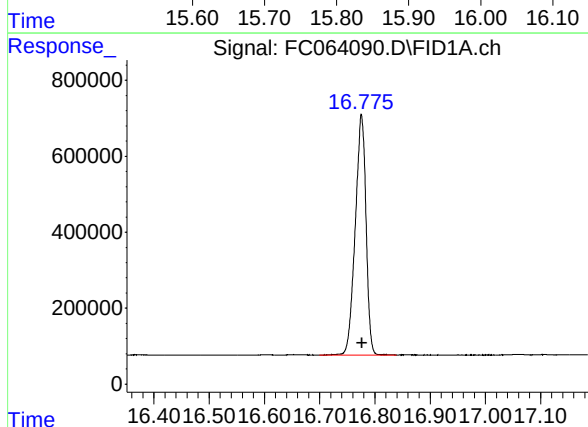
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.000 min
Response: 8577887
Conc: 56.77 ug/ml

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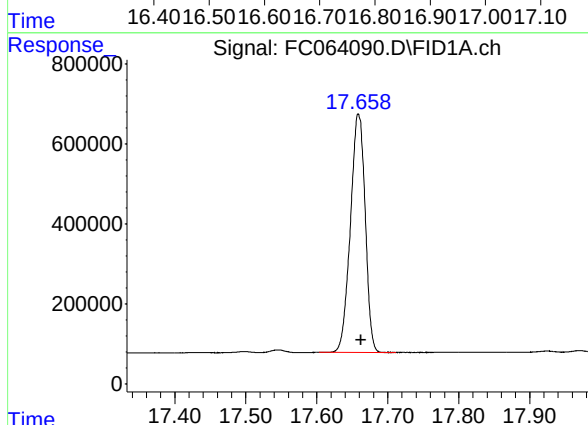
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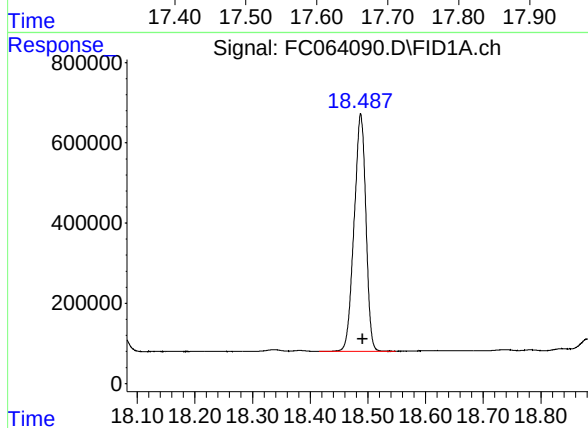
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.001 min
Response: 8574167
Conc: 56.90 ug/ml



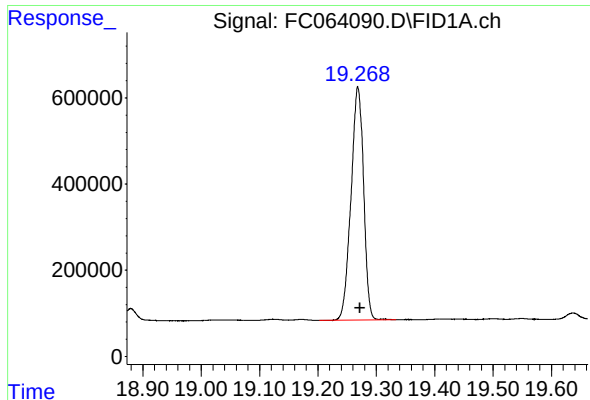
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.003 min
Response: 8616295
Conc: 55.19 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.003 min
Response: 8409157
Conc: 53.23 ug/ml



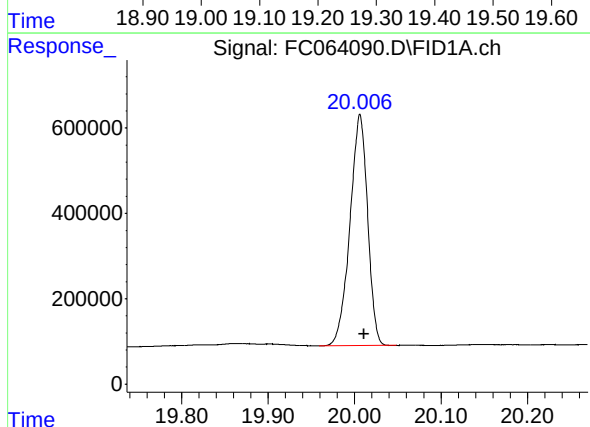
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.004 min
Response: 8102503
Conc: 52.66 ug/ml

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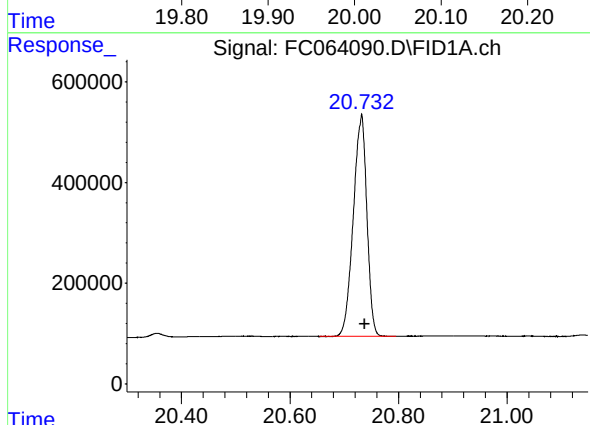
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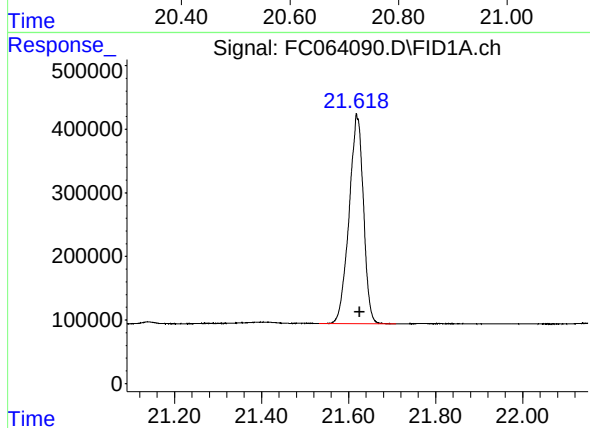
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 7693392
Conc: 52.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 7631825
Conc: 51.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.006 min
Response: 7544897
Conc: 51.76 ug/ml