

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064076.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 12:01
 Operator : YP/AJ
 Sample : PB154061BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154061BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File: autoint1.e
 Quant Time: Jul 11 02:57:45 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			
9) S ortho-Terphenyl (SURR)	11.526	7596320	39.123 ug/ml
Spiked Amount 50.000		Recovery =	78.25%
12) S 1-chlorooctadecane (S...	12.960	6089614	43.769 ug/ml
Spiked Amount 50.000		Recovery =	87.54%
Target Compounds			
1) T n-Nonane (C9)	3.320	7458754	41.821 ug/ml
2) T n-Decane (C10)	4.377	7760686	42.887 ug/ml
3) T A~Naphthalene (C11.7)	5.952	8757362	46.949 ug/ml
4) T n-Dodecane (C12)	6.384	8196781	45.500 ug/ml
5) T A~2-methylnaphthalene...	7.006	8531050	48.475 ug/ml
6) T n-Tetradecane (C14)	8.177	8140295	47.057 ug/ml
7) T n-Hexadecane (C16)	9.773	7979053	45.933 ug/ml
8) T n-Octadecane (C18)	11.212	8018151	46.523 ug/ml
10) T n-Eicosane (C20)	12.518	7611741	46.627 ug/ml
11) T n-Heneicosane (C21)	13.127	7446439	46.476 ug/ml
13) T n-Docosane (C22)	13.713	7336531	46.689 ug/ml
14) T n-Tetracosane (C24)	14.799	14662526	93.023 ug/ml
15) T n-Hexacosane (C26)	15.830	7052456	46.678 ug/ml
16) T n-Octacosane (C28)	16.776	7043542	46.745 ug/ml
17) T n-Tricontane (C30)	17.663	6952200	44.529 ug/ml
18) T n-Dotriacontane (C32)	18.491	6914498	43.769 ug/ml
19) T n-Tetratriacontane (C34)	19.270	6758482	43.921 ug/ml
20) T n-Hexatriacontane (C36)	20.007	6545211	44.333 ug/mlm
21) T n-Octatriacontane (C38)	20.732	6359194	42.930 ug/ml
22) T n-Tetracontane (C40)	21.621	6362607	43.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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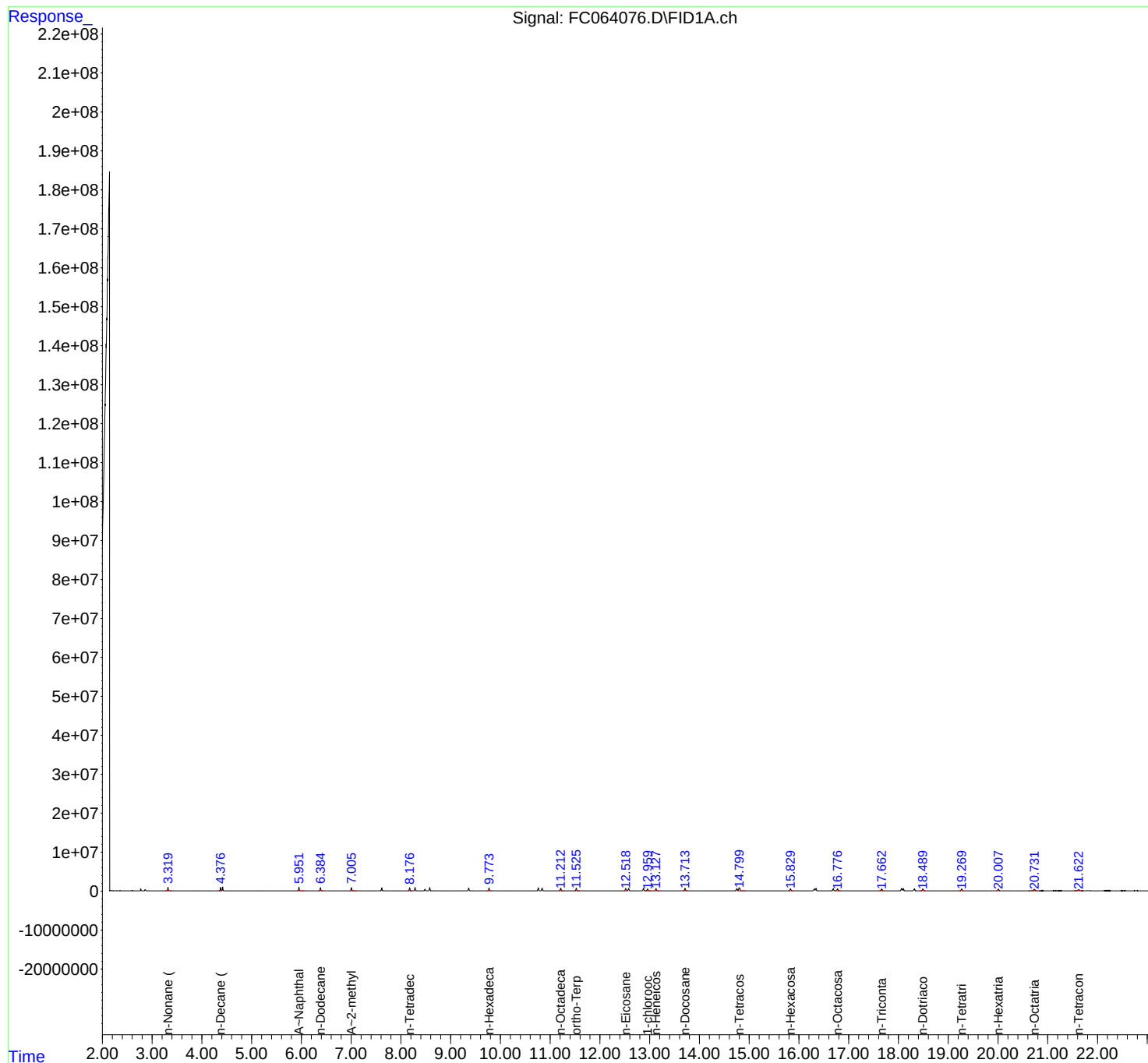
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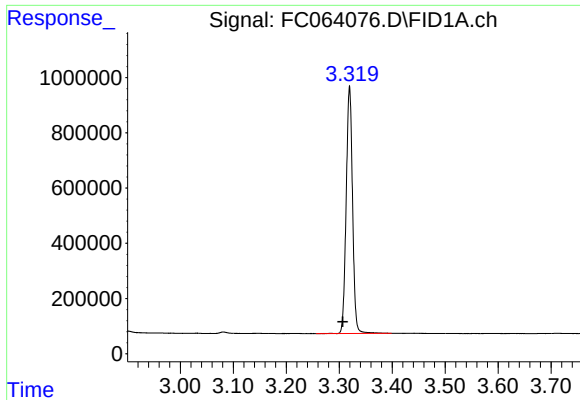
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#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.013 min
Response: 7458754
Conc: 41.82 ug/ml

Instrument :

FID_C

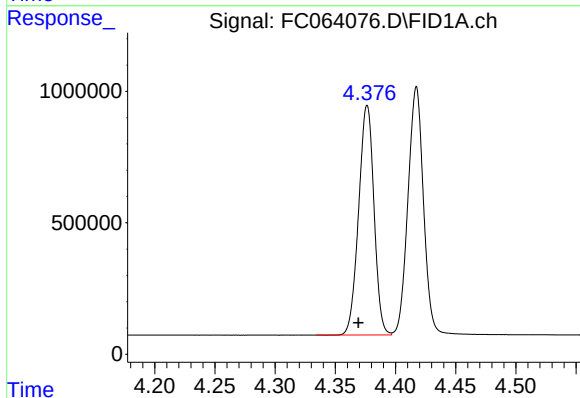
ClientSampleId :

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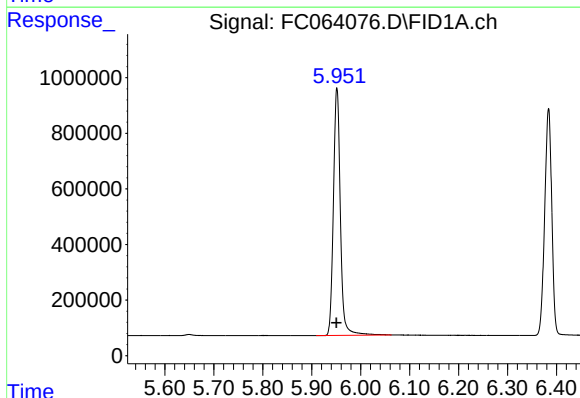
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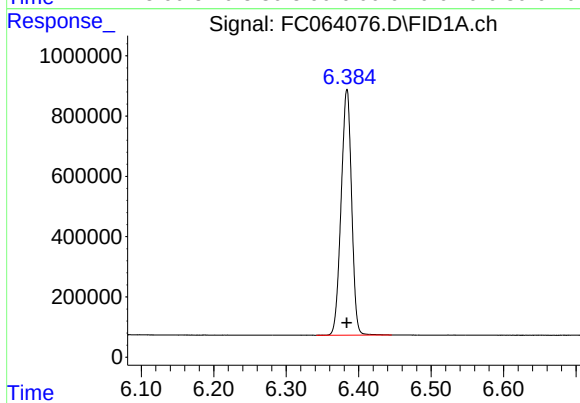
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.007 min
Response: 7760686
Conc: 42.89 ug/ml



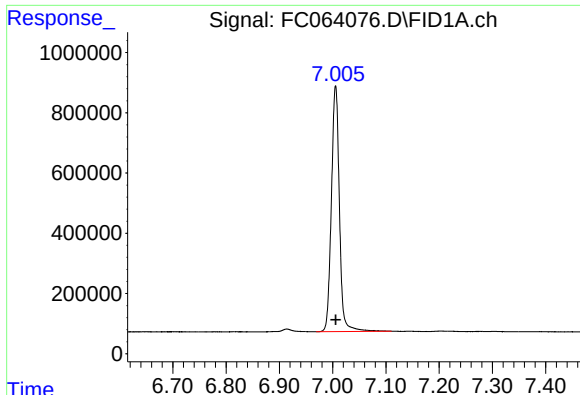
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 8757362
Conc: 46.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 8196781
Conc: 45.50 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 8531050
Conc: 48.47 ug/ml

Instrument :

FID_C

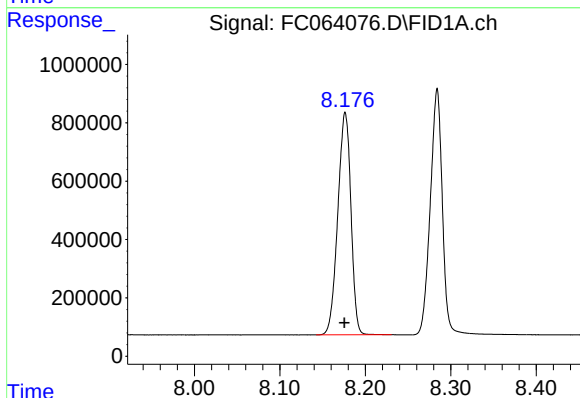
ClientSampleId :

PB154061BSD

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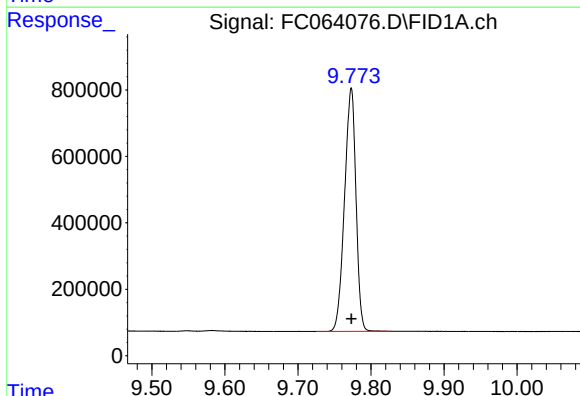
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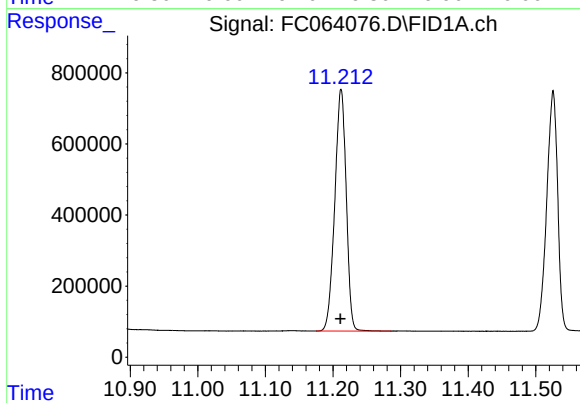
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.001 min
Response: 8140295
Conc: 47.06 ug/ml



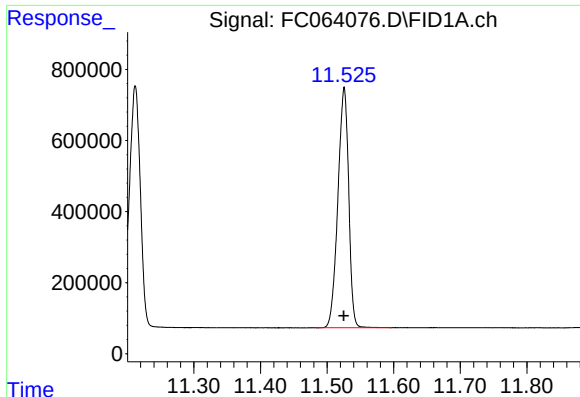
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 7979053
Conc: 45.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 8018151
Conc: 46.52 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 7596320
Conc: 39.12 ug/ml

Instrument :

FID_C

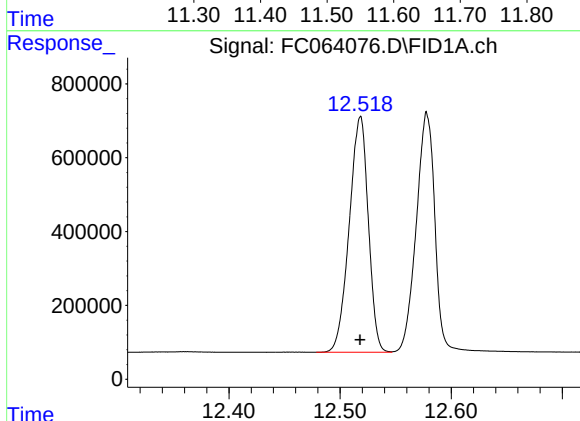
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PB154061BSD

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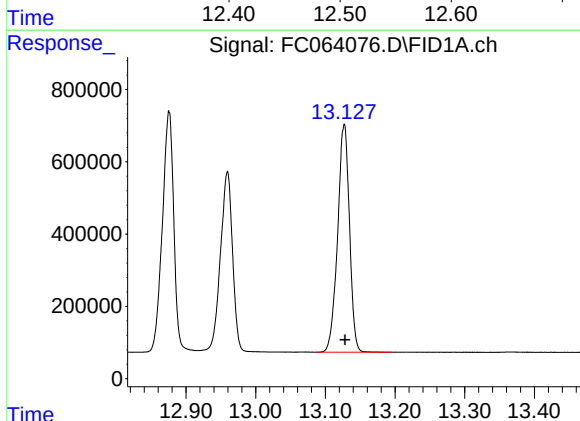
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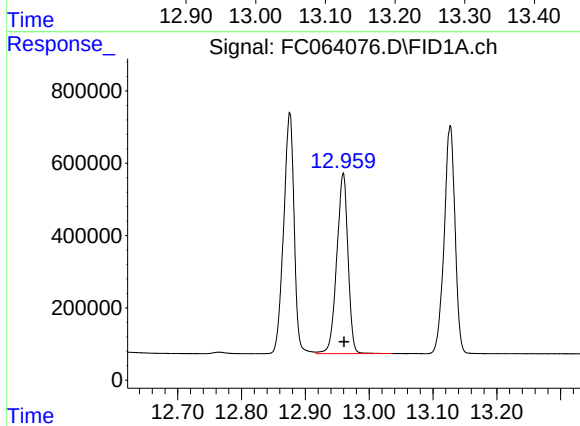
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 7611741
Conc: 46.63 ug/ml



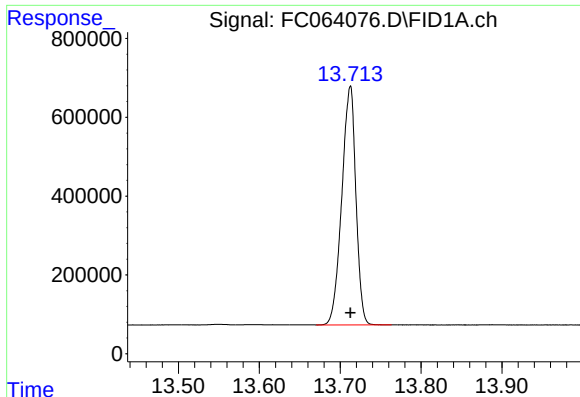
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.000 min
Response: 7446439
Conc: 46.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 6089614
Conc: 43.77 ug/ml



#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 7336531
Conc: 46.69 ug/ml

Instrument :

FID_C

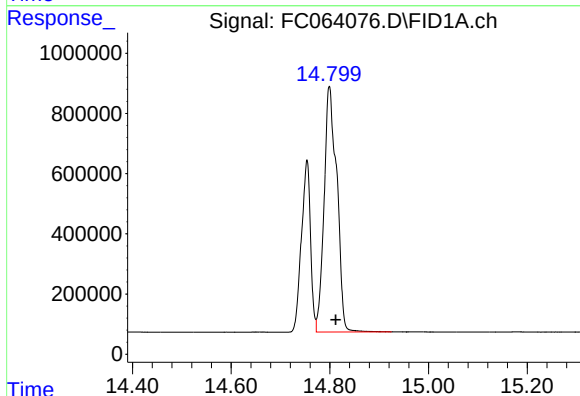
ClientSampleId :

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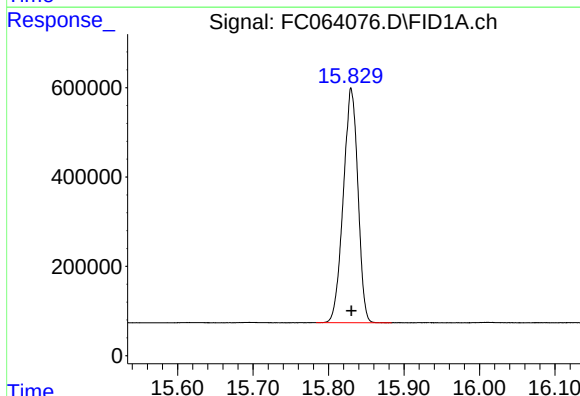
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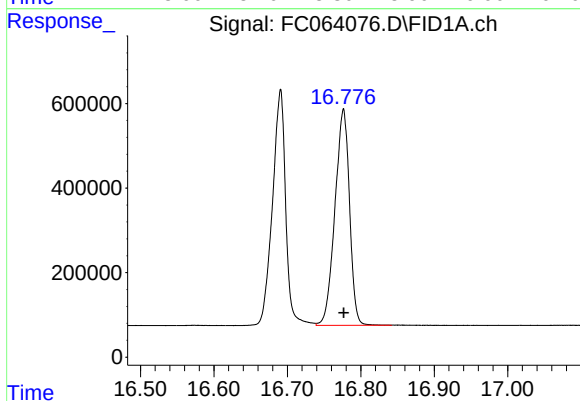
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.013 min
Response: 14662526
Conc: 93.02 ug/ml



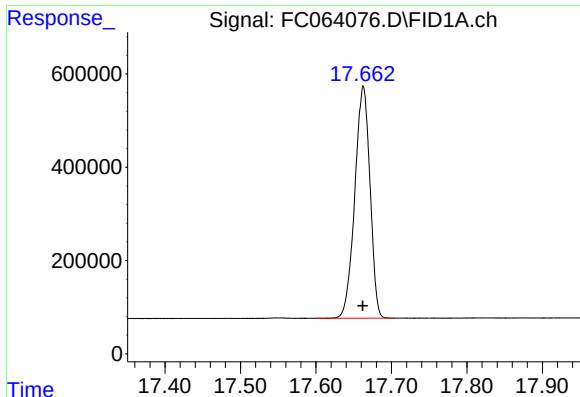
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.000 min
Response: 7052456
Conc: 46.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 7043542
Conc: 46.74 ug/ml



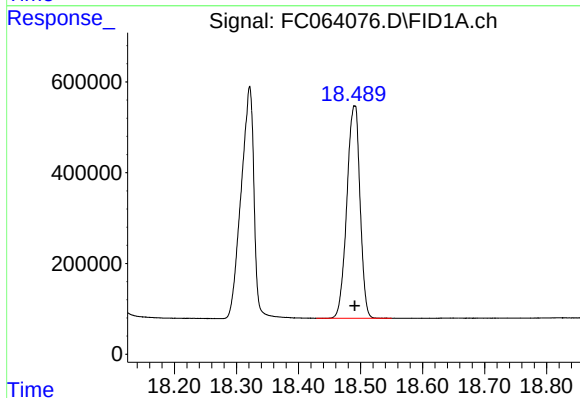
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: 0.000 min
Response: 6952200
Conc: 44.53 ug/ml

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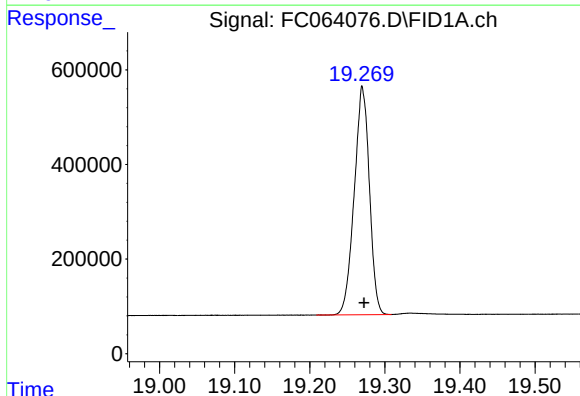
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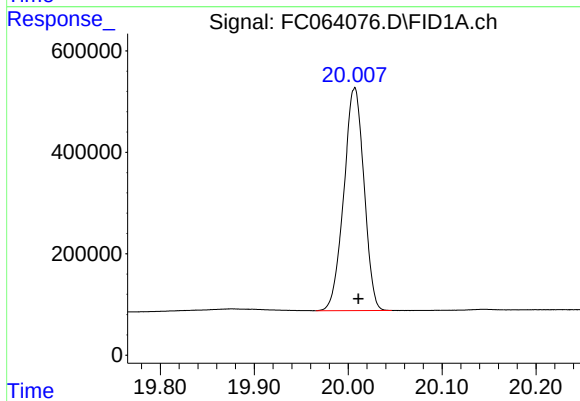
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 6914498
Conc: 43.77 ug/ml



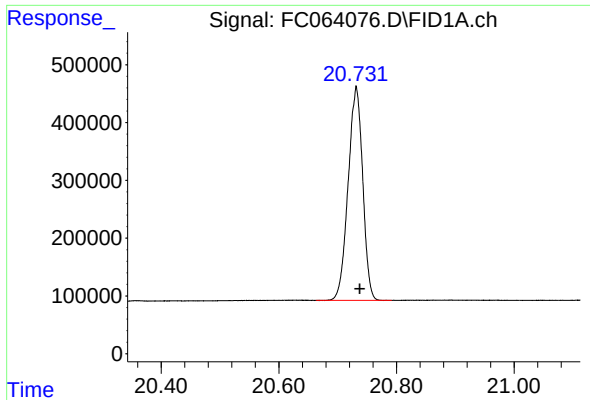
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 6758482
Conc: 43.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 6545211
Conc: 44.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 6359194
Conc: 42.93 ug/ml

Instrument :

FID_C

ClientSampleId :

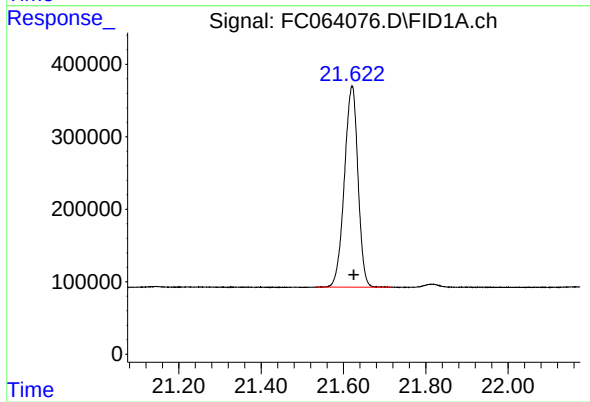
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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.004 min
Response: 6362607
Conc: 43.65 ug/ml