

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064749.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 16:37
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 4PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:54:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.953	5319055	36.518 ug/ml
Spiked Amount 50.000		Recovery =	73.04%
Target Compounds			
1) T n-Nonane (C9)	3.329	315608	1.786 ug/ml
2) T n-Decane (C10)	4.387	385185	2.144 ug/ml
4) T n-Dodecane (C12)	6.396	533639	2.938 ug/ml
6) T n-Tetradecane (C14)	8.181	533112	3.004 ug/mlm
7) T n-Hexadecane (C16)	9.776	574077	3.194 ug/mlm
8) T n-Octadecane (C18)	11.209	575817	3.180 ug/ml
10) T n-Eicosane (C20)	12.511	587544	3.449 ug/ml
11) T n-Heneicosane (C21)	13.120	554802	3.350 ug/ml
13) T n-Docosane (C22)	13.702	556378	3.415 ug/ml
14) T n-Tetracosane (C24)	14.800	539342	3.397 ug/ml
15) T n-Hexacosane (C26)	15.817	515031	3.374 ug/ml
16) T n-Octacosane (C28)	16.761	515367	3.482 ug/ml
17) T n-Tricontane (C30)	17.644	551989	3.716 ug/ml
18) T n-Dotriacontane (C32)	18.472	555602	3.807 ug/ml
19) T n-Tetratriacontane (C34)	19.253	512913	3.608 ug/ml
20) T n-Hexatriacontane (C36)	19.988	449601	3.264 ug/ml
21) T n-Octatriacontane (C38)	20.710	417611	3.047 ug/ml
22) T n-Tetracontane (C40)	21.591	359614	2.644 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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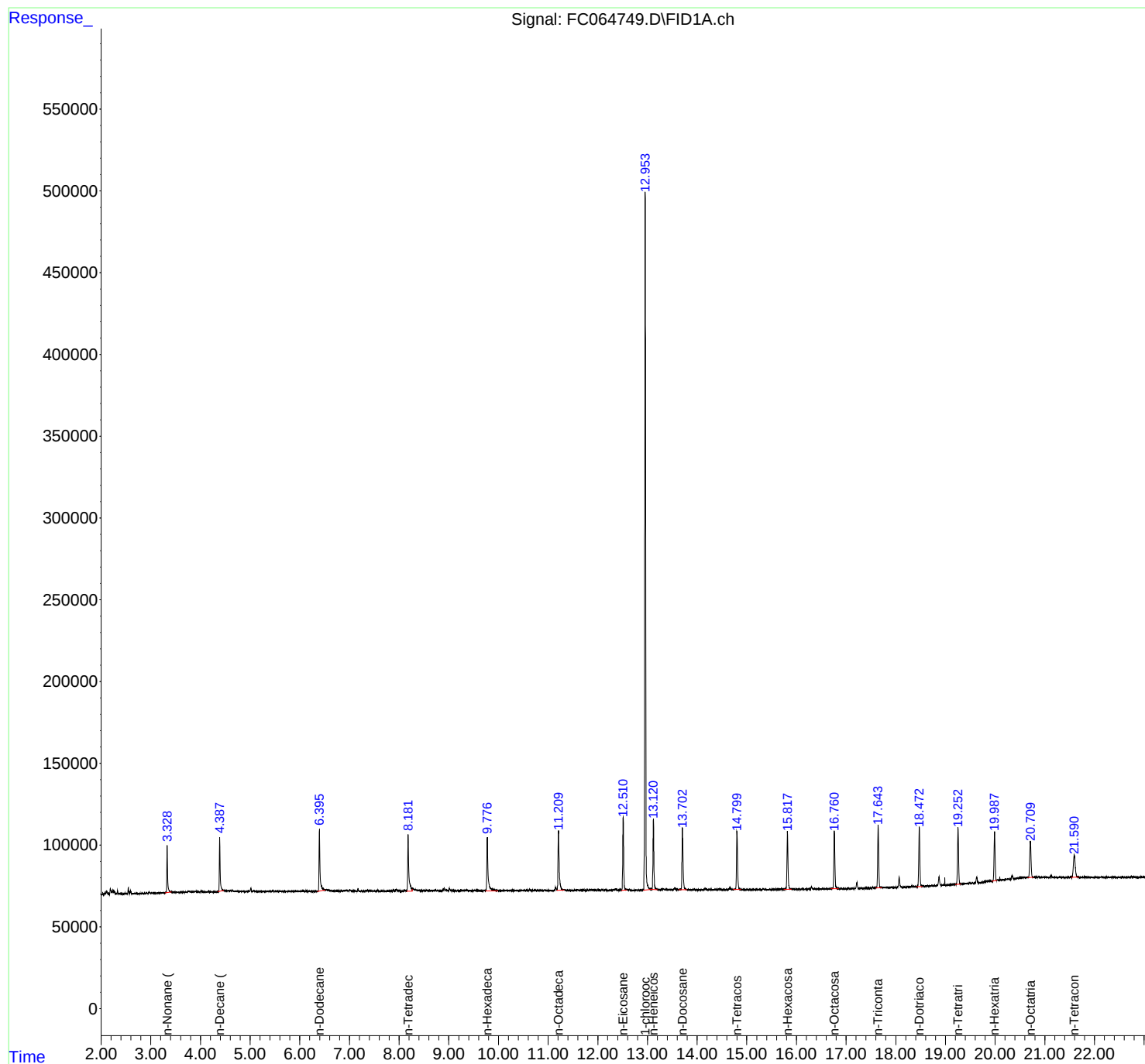
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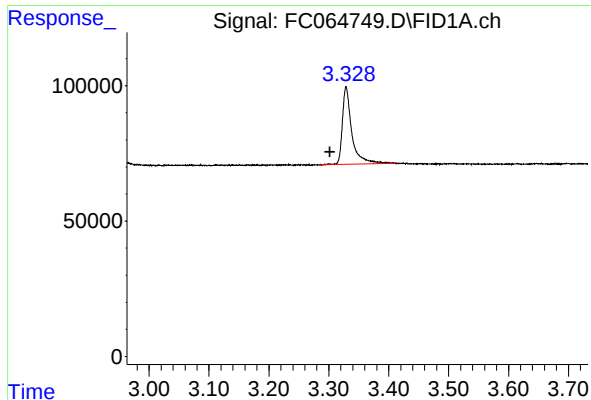
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#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.027 min
Response: 315608
Conc: 1.79 ug/ml

Instrument :

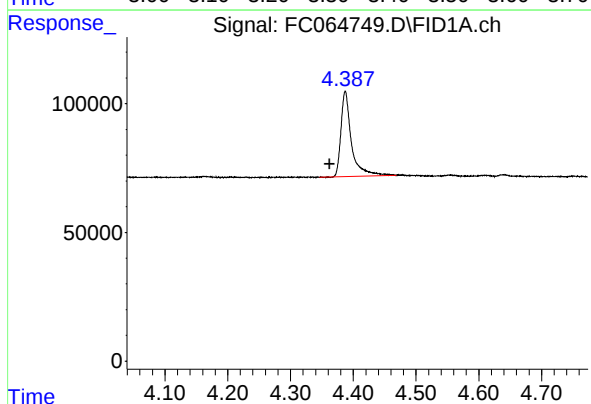
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ClientSampleId :

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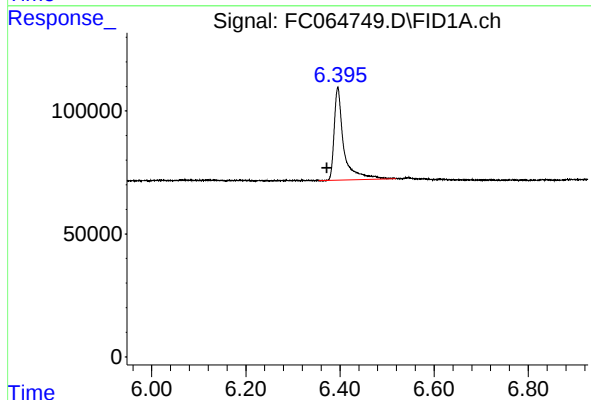
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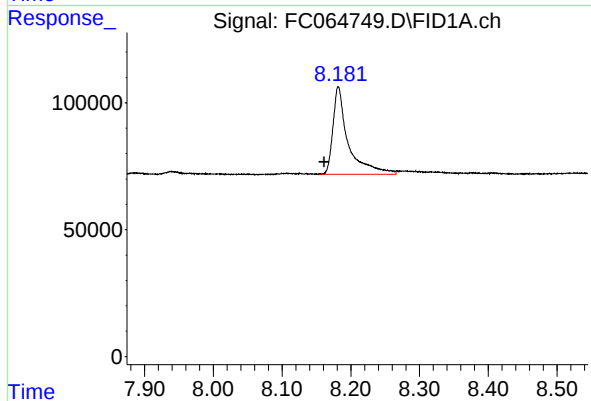
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.025 min
Response: 385185
Conc: 2.14 ug/ml



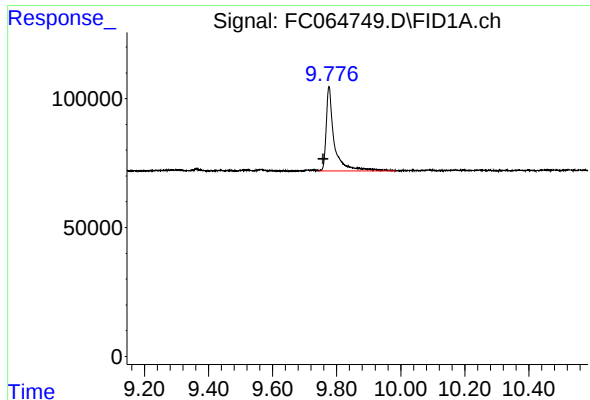
#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: 0.023 min
Response: 533639
Conc: 2.94 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.020 min
Response: 533112
Conc: 3.00 ug/ml m



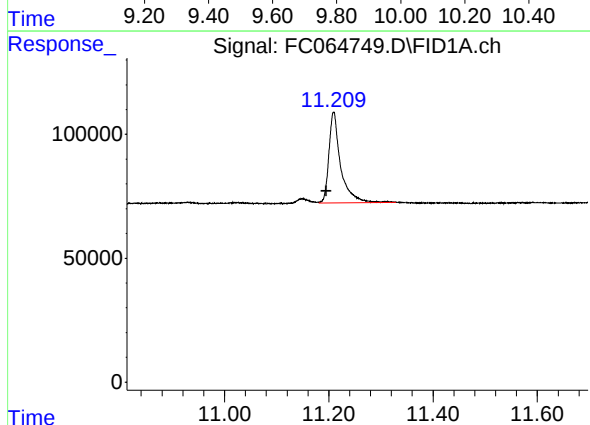
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.017 min
Response: 574077
Conc: 3.19 ug/ml

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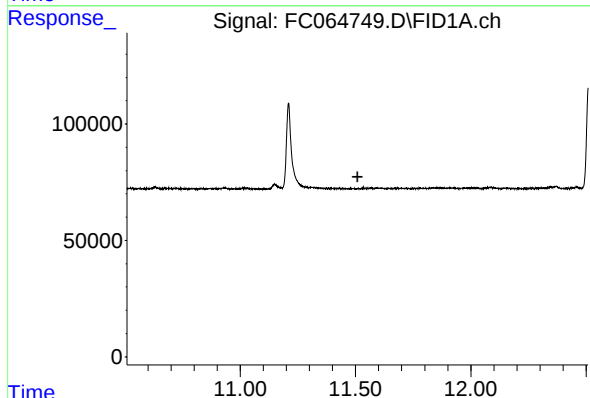
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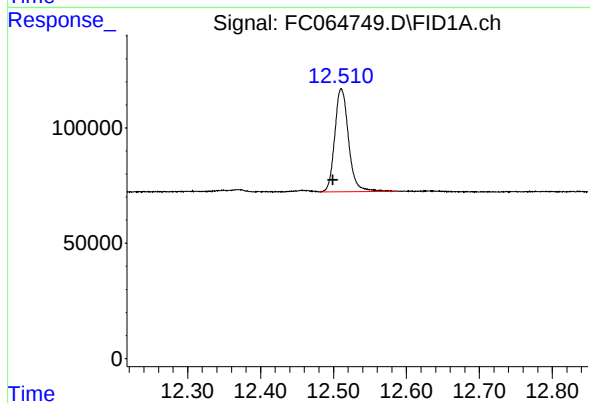
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.014 min
Response: 575817
Conc: 3.18 ug/ml



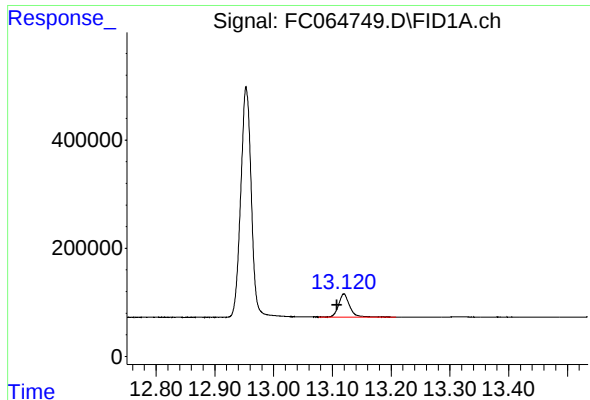
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.011 min
Response: 587544
Conc: 3.45 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 554802
Conc: 3.35 ug/ml

Instrument :

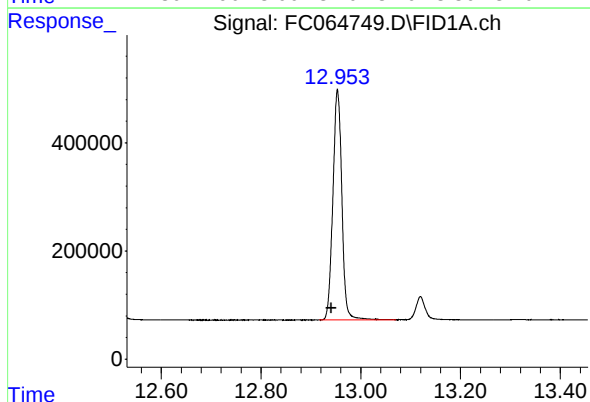
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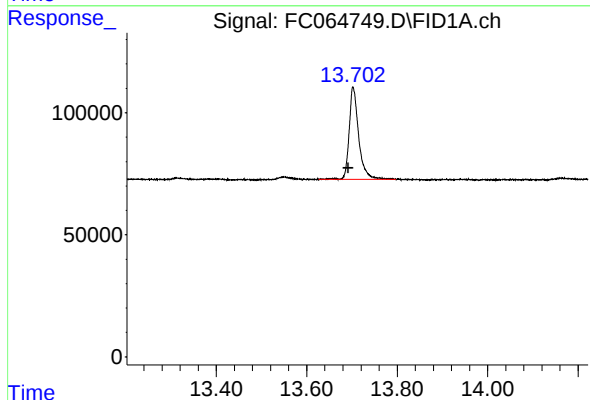
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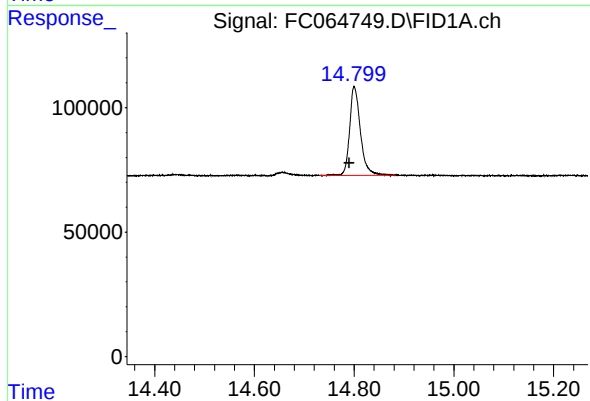
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.013 min
Response: 5319055
Conc: 36.52 ug/ml



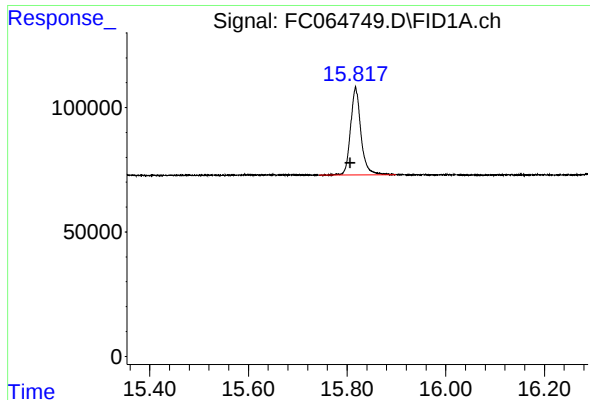
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.011 min
Response: 556378
Conc: 3.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 539342
Conc: 3.40 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 515031
Conc: 3.37 ug/ml

Instrument :

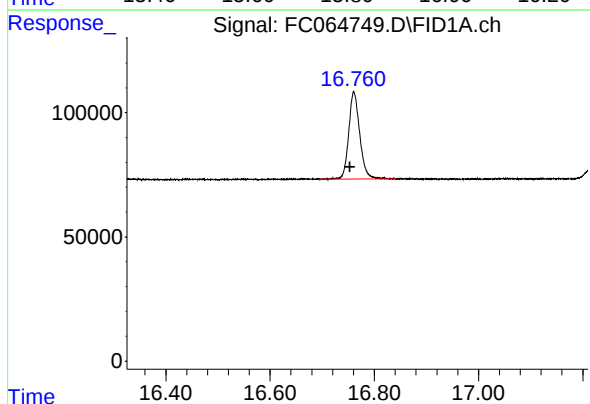
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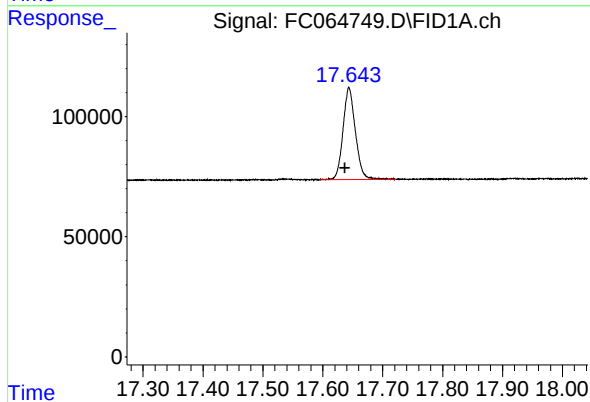
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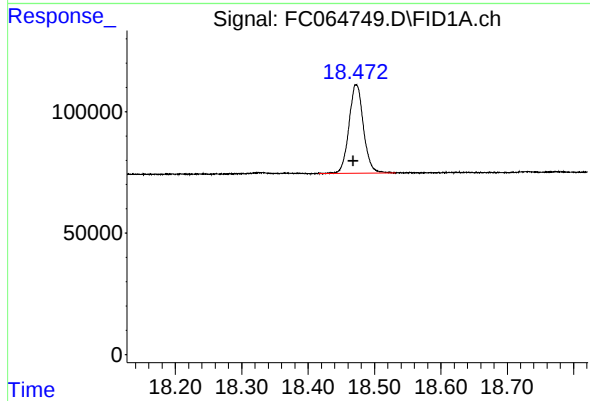
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 515367
Conc: 3.48 ug/ml



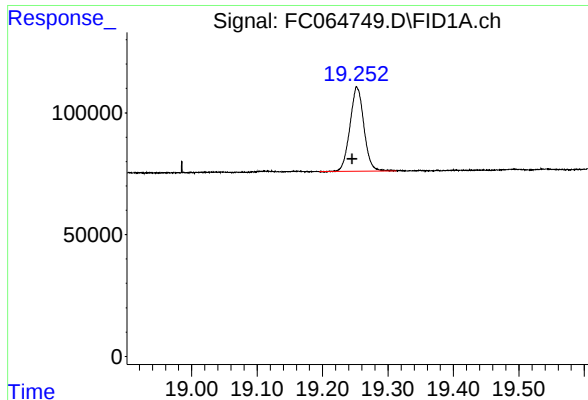
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: 0.006 min
Response: 551989
Conc: 3.72 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.004 min
Response: 555602
Conc: 3.81 ug/ml



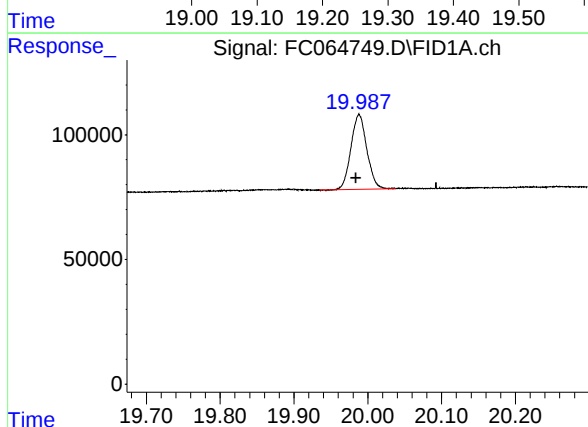
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 512913
Conc: 3.61 ug/ml

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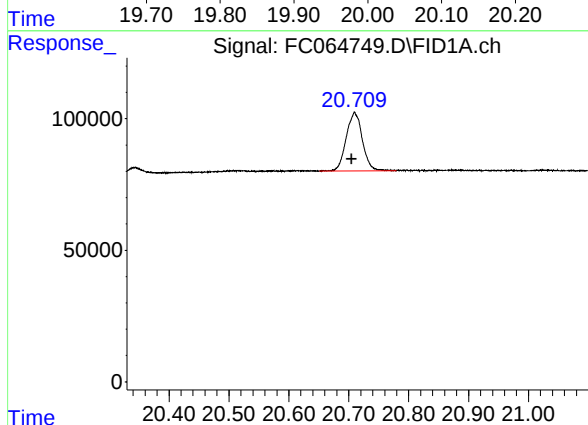
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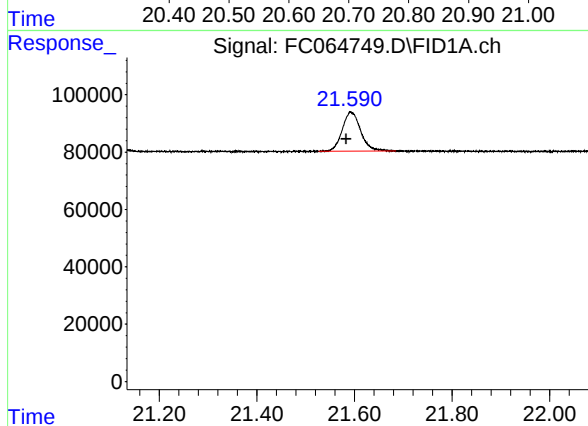
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: 0.004 min
Response: 449601
Conc: 3.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 417611
Conc: 3.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.008 min
Response: 359614
Conc: 2.64 ug/ml