

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061923AL\
 Data File : FC063899.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 01:19
 Operator : YP/AJ
 Sample : 03282-15MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-NEX-EPH-05MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 04:55:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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...	12.961	5343262	41.818 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
Target Compounds			
1) T n-Nonane (C9)	3.308	4427478	27.779 ug/ml
2) T n-Decane (C10)	4.371	5406764	33.447 ug/ml
4) T n-Dodecane (C12)	6.385	6174022	37.759 ug/ml
6) T n-Tetradecane (C14)	8.178	6550802	41.653 ug/ml
7) T n-Hexadecane (C16)	9.775	7228735	45.424 ug/ml
8) T n-Octadecane (C18)	11.214	7541309	47.661 ug/ml
10) T n-Eicosane (C20)	12.520	7493476	50.669 ug/ml
11) T n-Heneicosane (C21)	13.130	7156309	49.716 ug/ml
13) T n-Docosane (C22)	13.714	7065325	50.154 ug/ml
14) T n-Tetracosane (C24)	14.814	6897988	50.270 ug/ml
15) T n-Hexacosane (C26)	15.832	6735566	50.799 ug/ml
16) T n-Octacosane (C28)	16.779	6617531	52.116 ug/ml
17) T n-Tricontane (C30)	17.662	6641615	51.984 ug/ml
18) T n-Dotriacontane (C32)	18.492	6539000	52.550 ug/ml
19) T n-Tetratriacontane (C34)	19.272	6507204	52.776 ug/ml
20) T n-Hexatriacontane (C36)	20.006	6279117	52.316 ug/mlm
21) T n-Octatriacontane (C38)	20.734	6269672	51.931 ug/ml
22) T n-Tetracontane (C40)	21.627	6203217	51.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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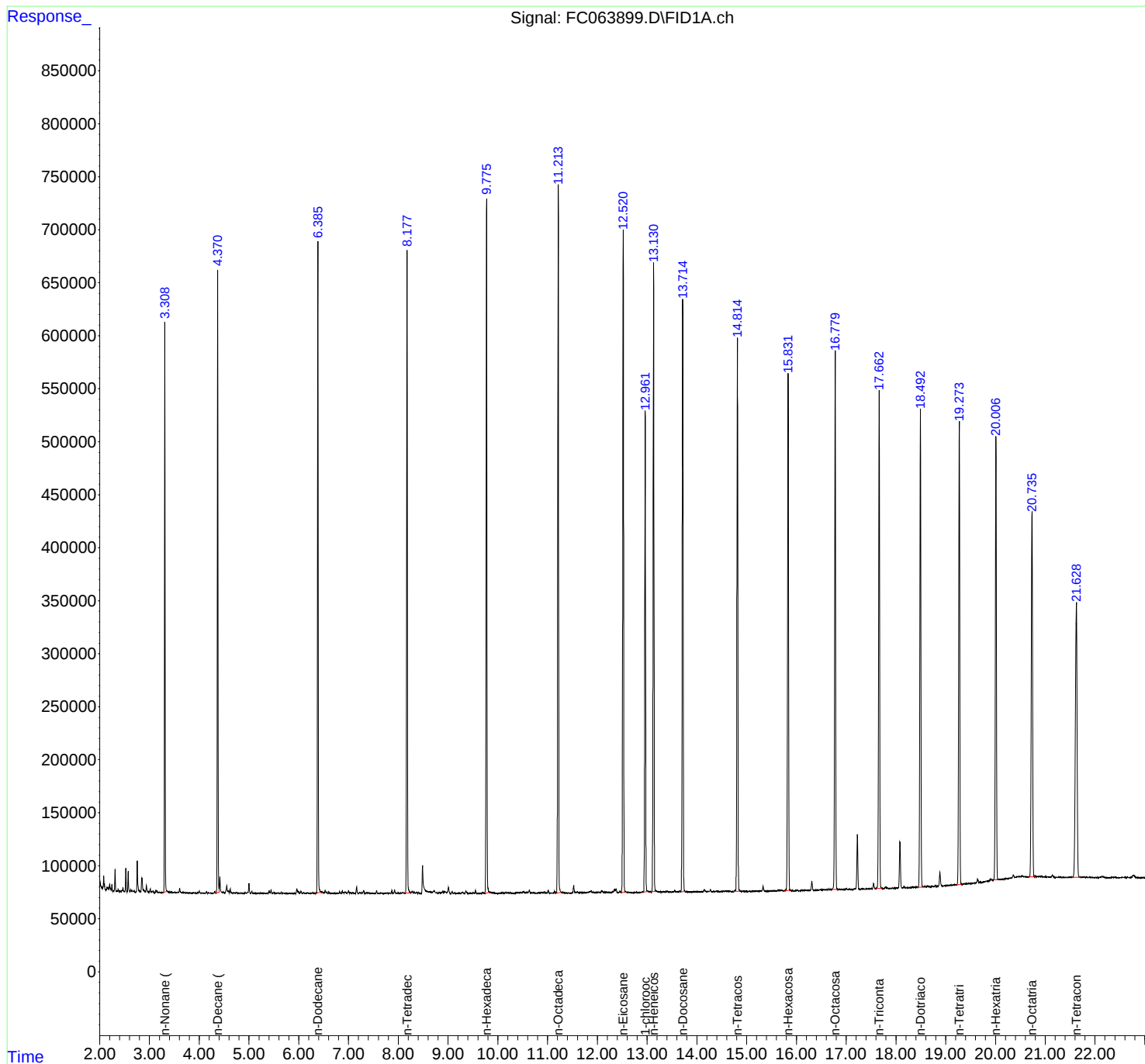
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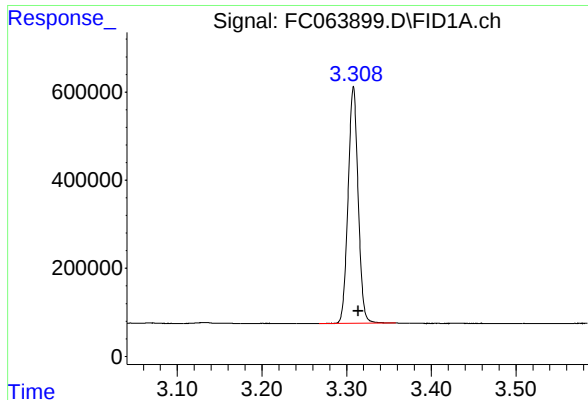
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#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 4427478
Conc: 27.78 ug/ml

Instrument :

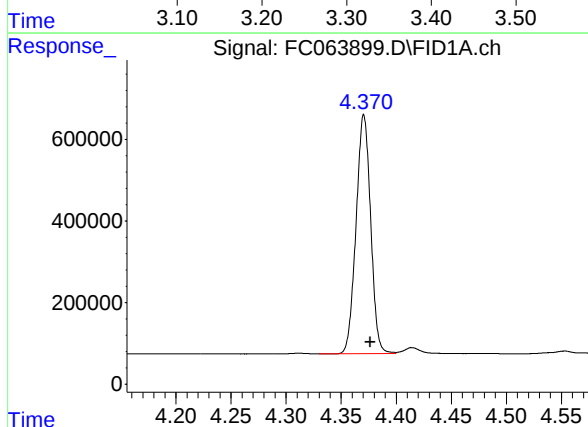
FID_C

ClientSampleId :

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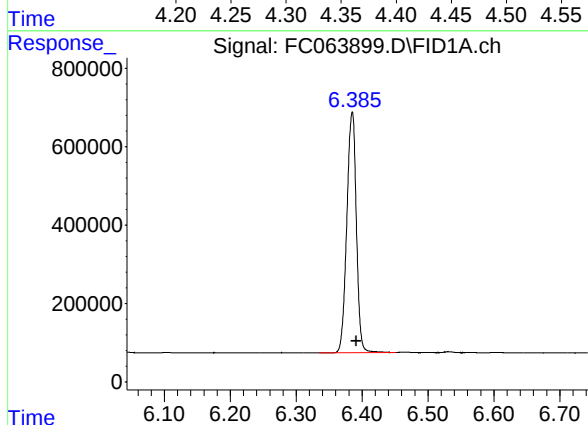
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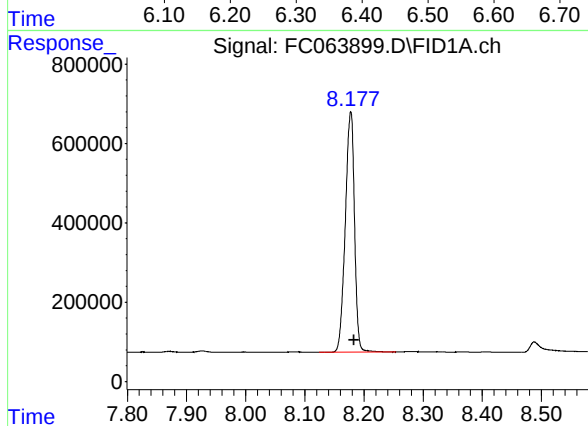
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 5406764
Conc: 33.45 ug/ml



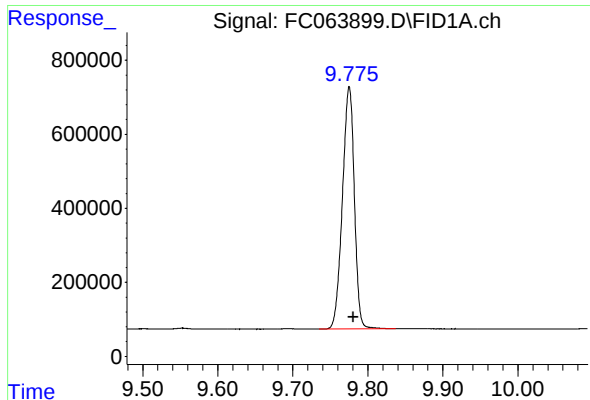
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 6174022
Conc: 37.76 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 6550802
Conc: 41.65 ug/ml



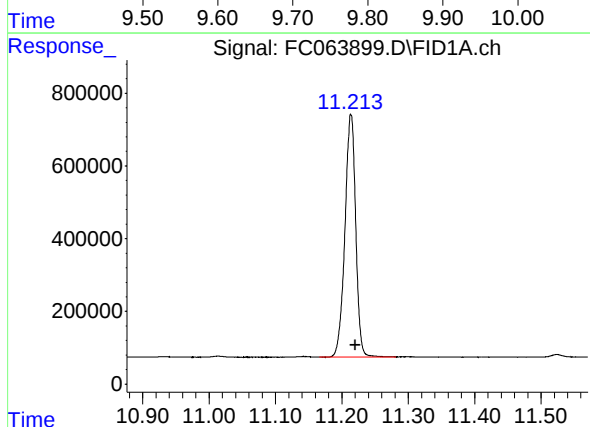
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.006 min
Response: 7228735
Conc: 45.42 ug/ml

Instrument :
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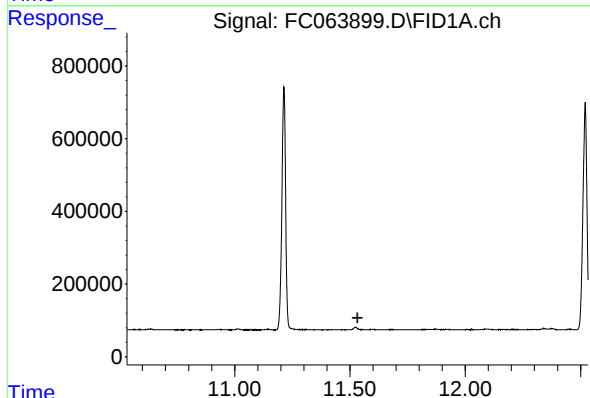
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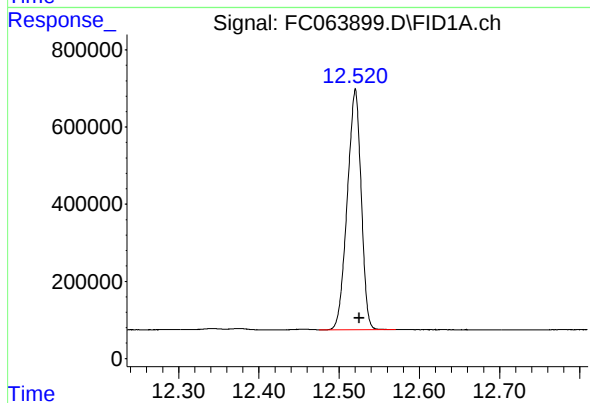
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.006 min
Response: 7541309
Conc: 47.66 ug/ml



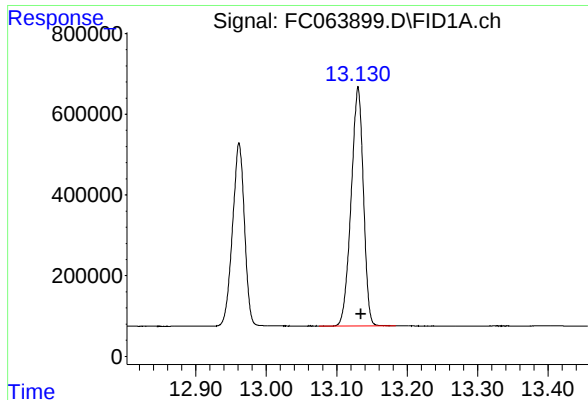
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.533 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.005 min
Response: 7493476
Conc: 50.67 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.004 min
Response: 7156309
Conc: 49.72 ug/ml

Instrument :

FID_C

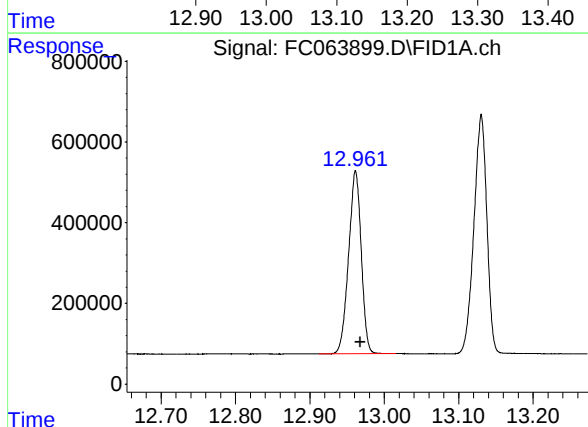
ClientSampleId :

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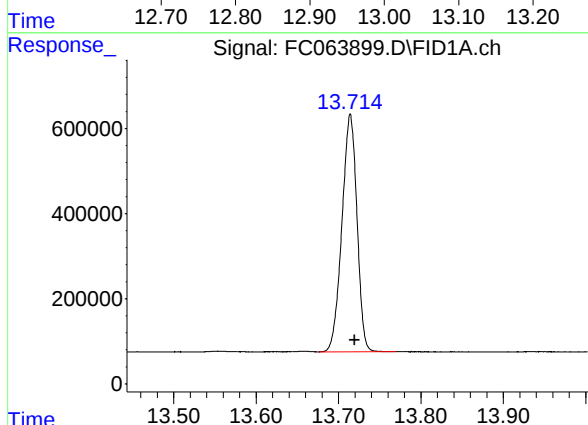
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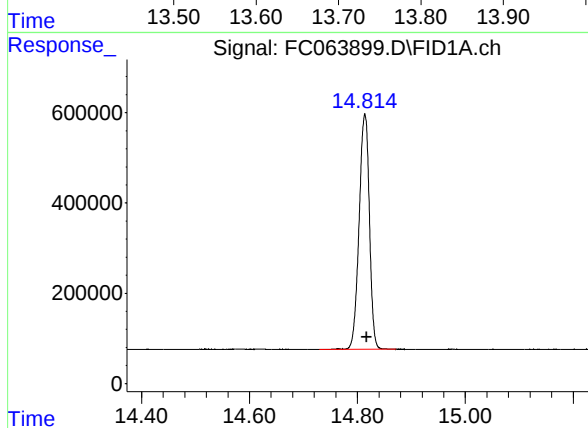
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.006 min
Response: 5343262
Conc: 41.82 ug/ml



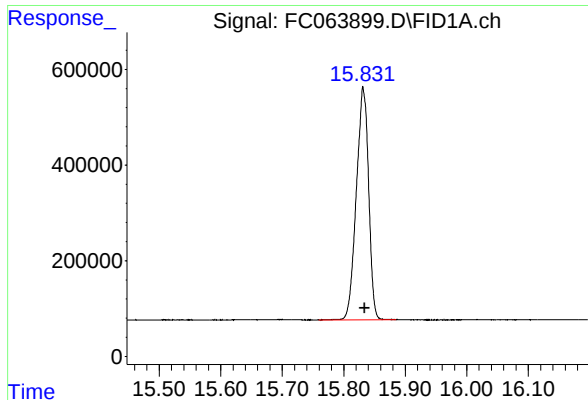
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: -0.005 min
Response: 7065325
Conc: 50.15 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 6897988
Conc: 50.27 ug/ml



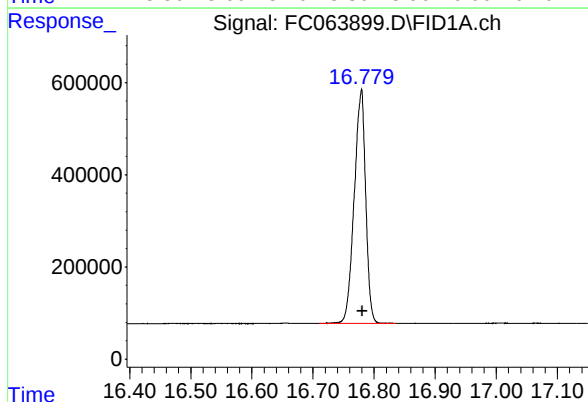
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 6735566
Conc: 50.80 ug/ml

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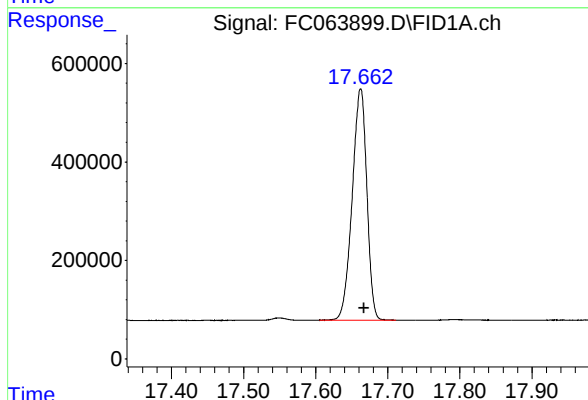
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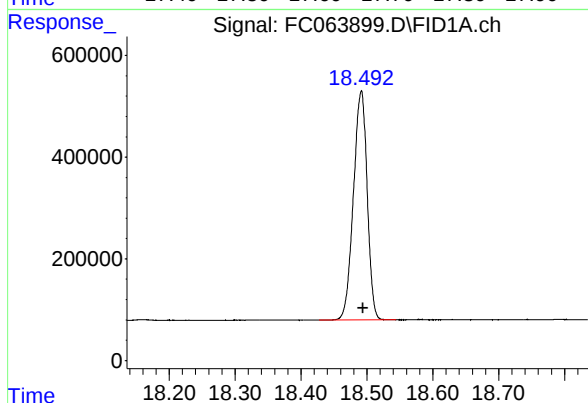
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.002 min
Response: 6617531
Conc: 52.12 ug/ml



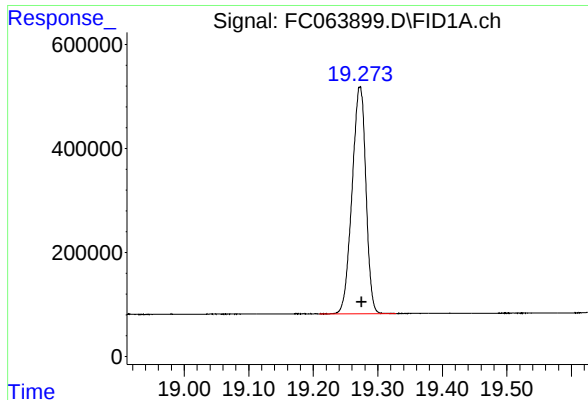
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: -0.005 min
Response: 6641615
Conc: 51.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.002 min
Response: 6539000
Conc: 52.55 ug/ml



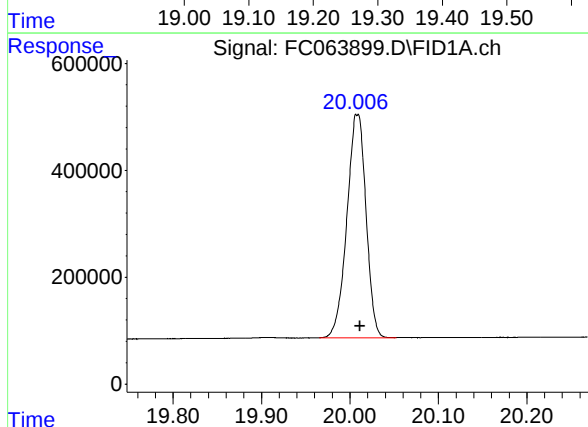
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.003 min
Response: 6507204
Conc: 52.78 ug/ml

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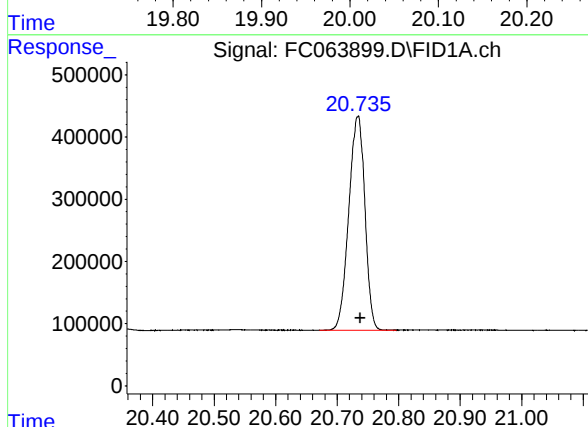
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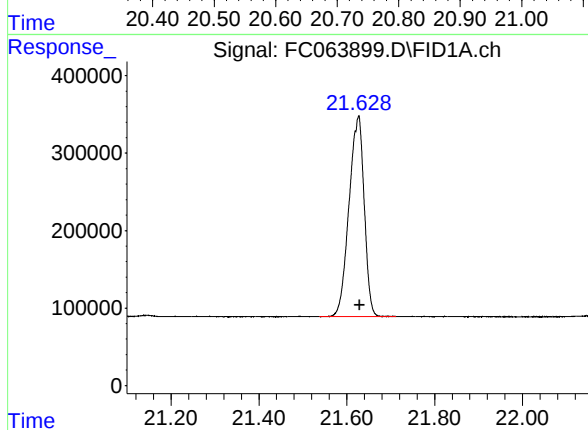
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 6279117
Conc: 52.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.004 min
Response: 6269672
Conc: 51.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: -0.002 min
Response: 6203217
Conc: 51.19 ug/ml