

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091323AL\
 Data File : FC064560.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2023 19:36
 Operator : YP/AJ
 Sample : 04392-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e
 Quant Time: Sep 14 02:26:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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			
Target Compounds			
1) T n-Nonane (C9)	3.302	24804113	140.536 ug/ml
2) T n-Decane (C10)	4.388	89294787	509.031 ug/ml
4) T n-Dodecane (C12)	6.455	245082688	1374.985 ug/mlm
6) T n-Tetradecane (C14)	8.291f	325398758	1865.223 ug/mlm
7) T n-Hexadecane (C16)	9.893f	389209155	2252.176 ug/mlm
8) T n-Octadecane (C18)	11.319f	257692267	1471.884 ug/mlm
10) T n-Eicosane (C20)	12.589f	154007034	910.423 ug/mlm
11) T n-Heneicosane (C21)	13.182f	103015763	617.215 ug/mlm
13) T n-Docosane (C22)	13.747	68637848	420.805 ug/mlm
14) T n-Tetracosane (C24)	14.816	24288237	152.518 ug/mlm
15) T n-Hexacosane (C26)	15.816	9122064	59.043 ug/mlm
16) T n-Octacosane (C28)	16.757	6361318	42.967 ug/ml
17) T n-Tricontane (C30)	17.641	5707894	39.077 ug/ml
18) T n-Dotriacontane (C32)	18.469	5414495	38.331 ug/ml
19) T n-Tetratriacontane (C34)	19.249	5325701	39.859 ug/ml
20) T n-Hexatriacontane (C36)	19.986	5117009	39.989 ug/ml
21) T n-Octatriacontane (C38)	20.707	5140377	41.861 ug/ml
22) T n-Tetracontane (C40)	21.587	5059396	43.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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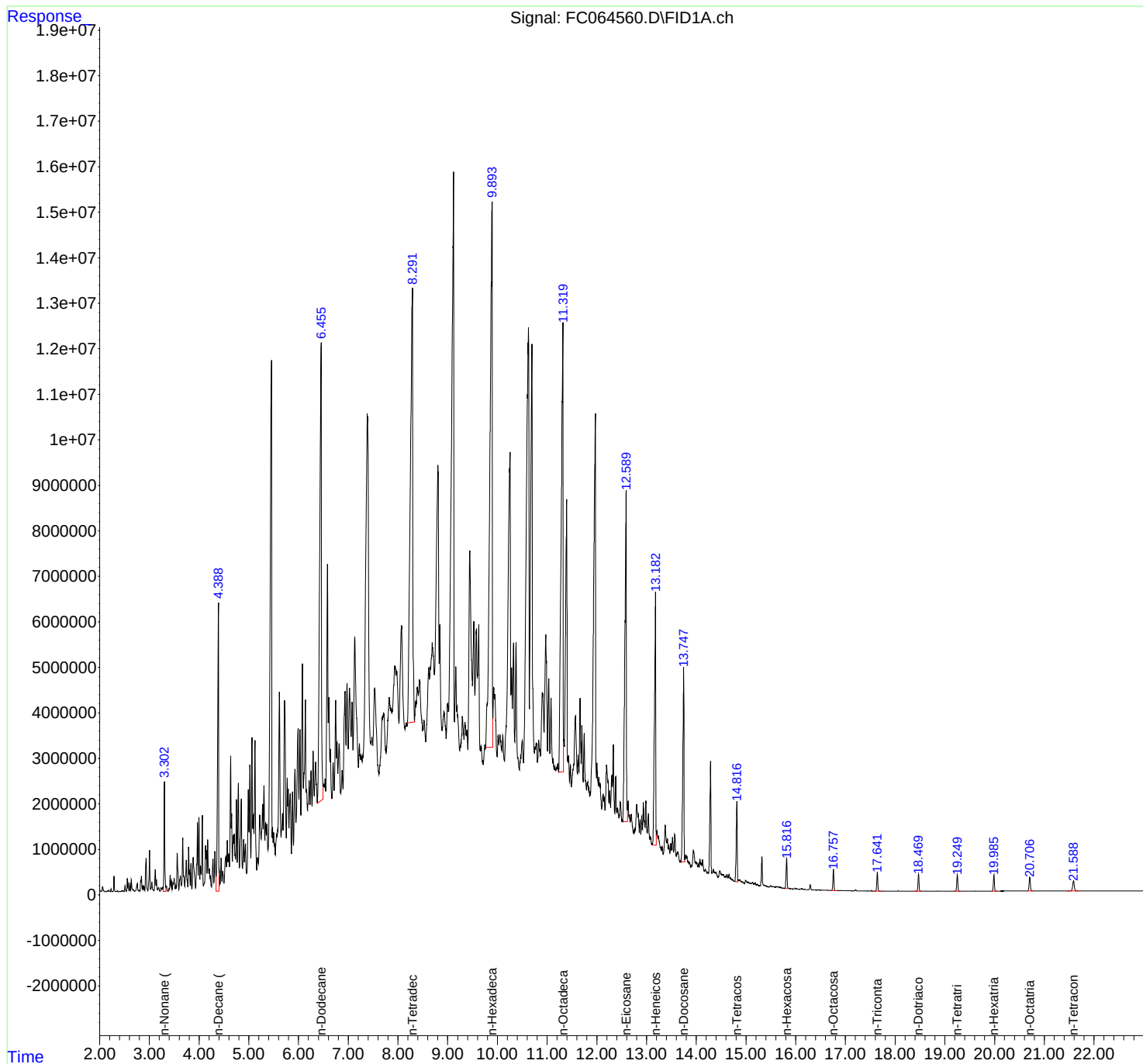
Response via : Initial Calibration

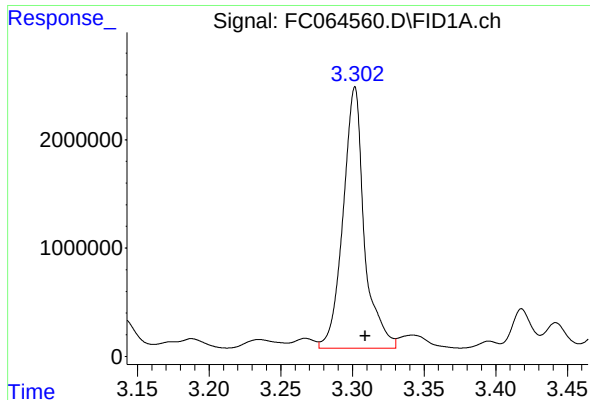
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.007 min
Response: 24804113
Conc: 140.54 ug/ml

Instrument :

FID_C

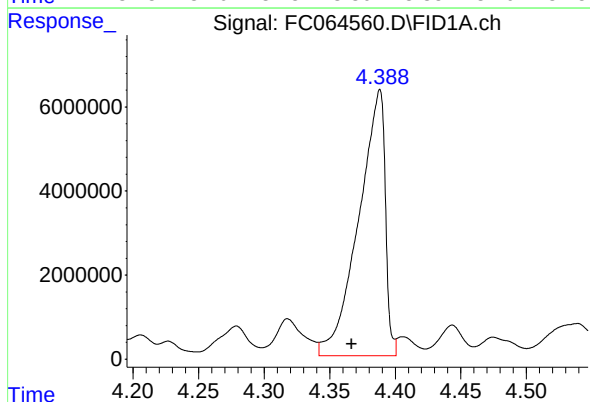
ClientSampleId :

WASTEMS

Manual Integrations

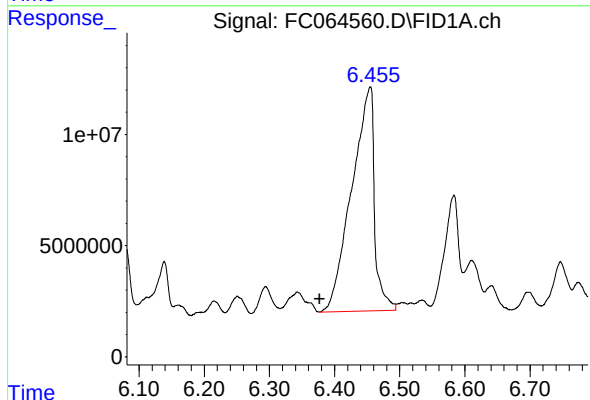
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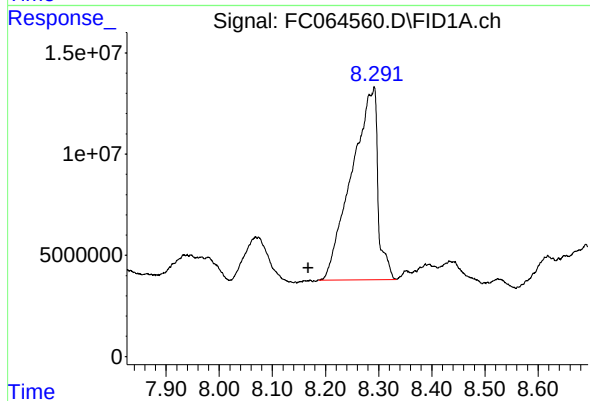
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.021 min
Response: 89294787
Conc: 509.03 ug/ml



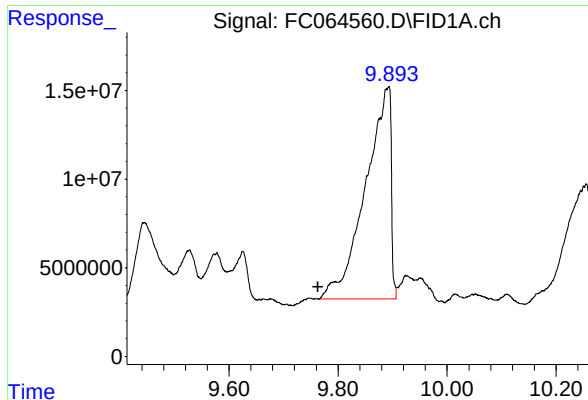
#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: 0.078 min
Response: 245082688
Conc: 1374.98 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.124 min
Response: 325398758
Conc: 1865.22 ug/ml m



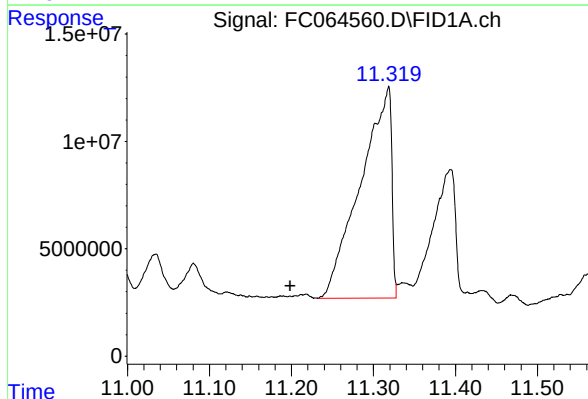
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.130 min
Response: 389209155
Conc: 2252.18 ug/ml

Instrument :
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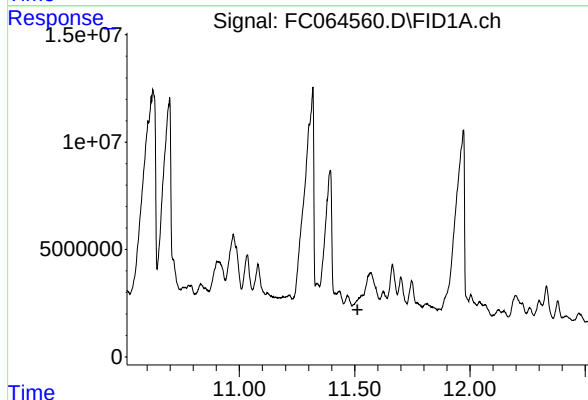
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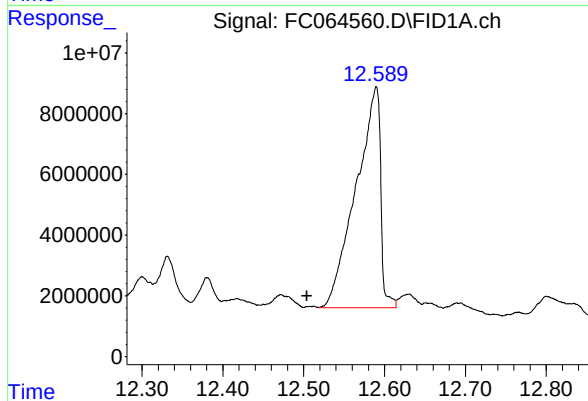
#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: 0.120 min
Response: 257692267
Conc: 1471.88 ug/ml m



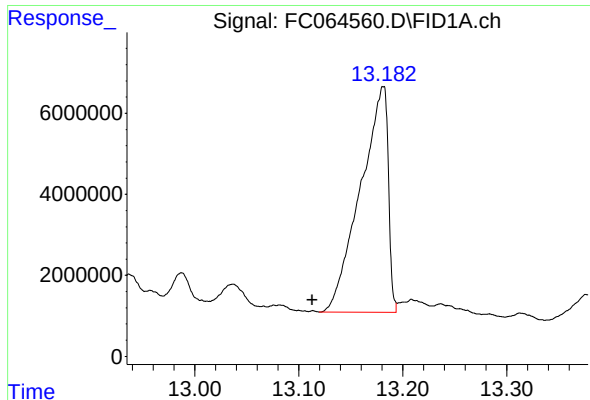
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.085 min
Response: 154007034
Conc: 910.42 ug/ml m



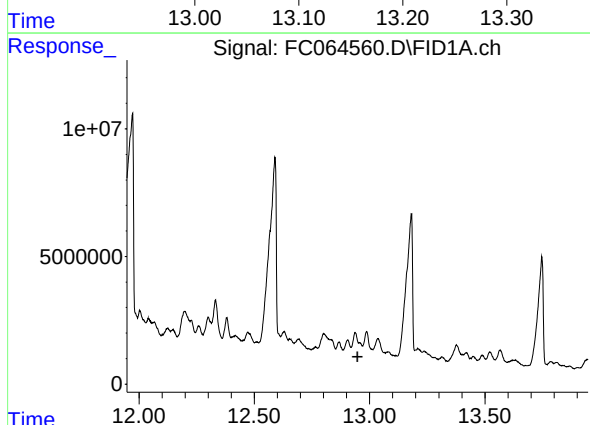
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: 0.069 min
Response: 103015763
Conc: 617.22 ug/ml

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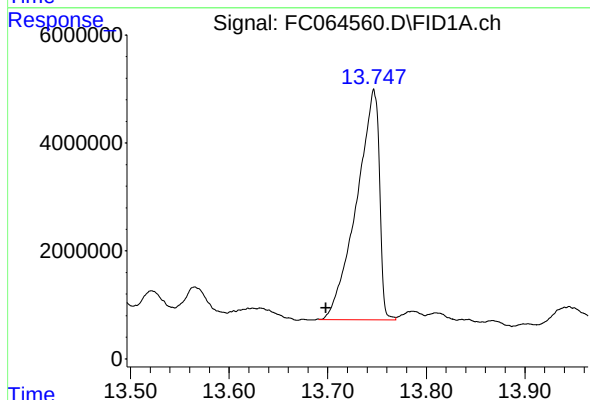
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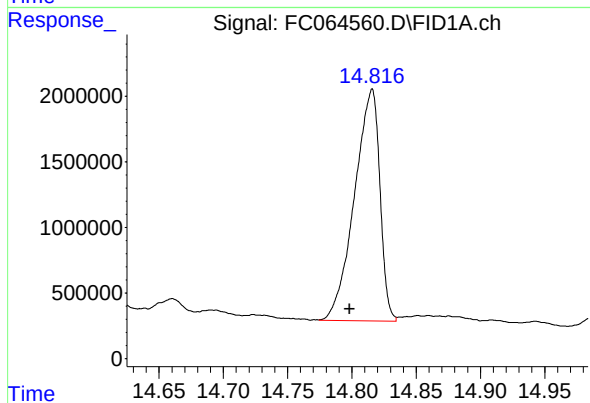
#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T. : 12.947 min
Response: 0
Conc: N.D.



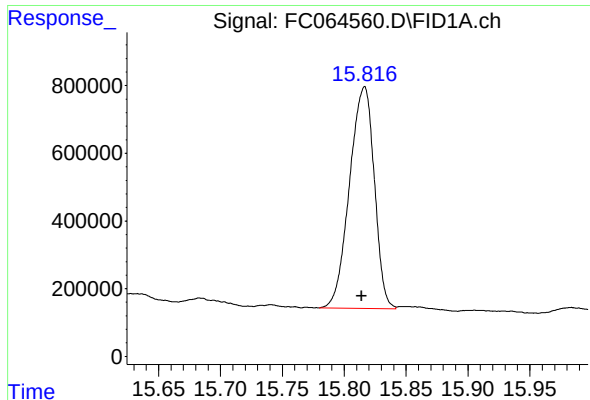
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: 0.048 min
Response: 68637848
Conc: 420.80 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.017 min
Response: 24288237
Conc: 152.52 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 9122064
Conc: 59.04 ug/ml

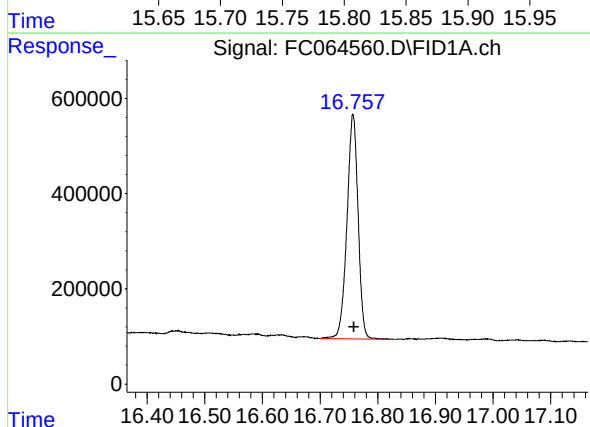
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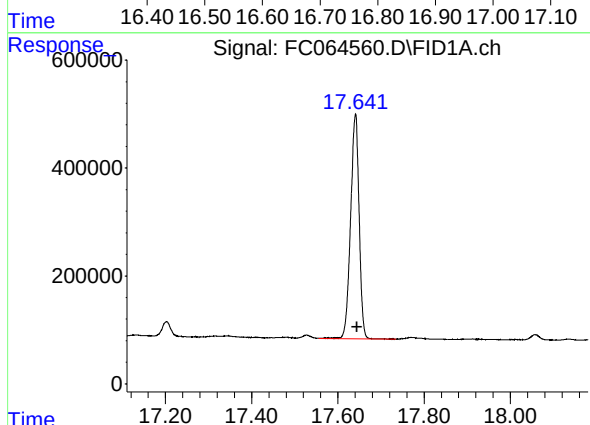
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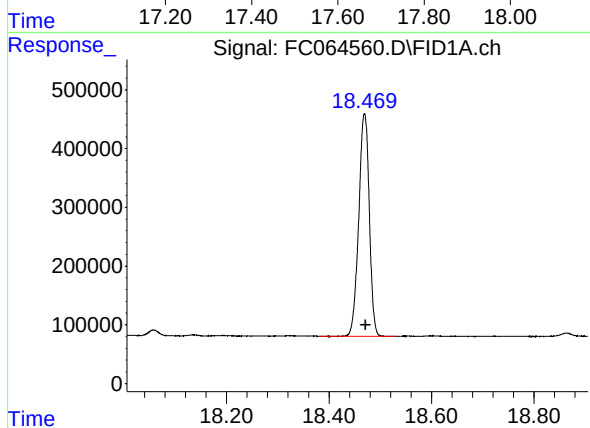
#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 6361318
Conc: 42.97 ug/ml



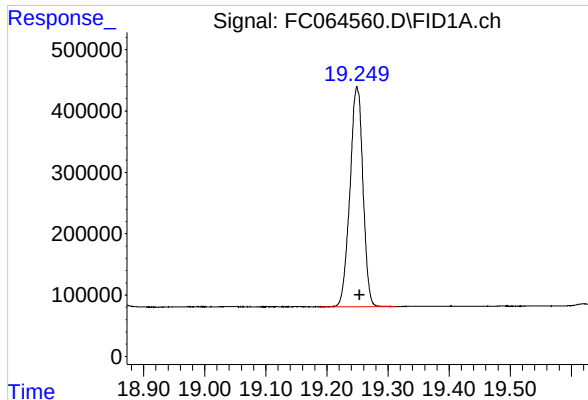
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: -0.003 min
Response: 5707894
Conc: 39.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 5414495
Conc: 38.33 ug/ml



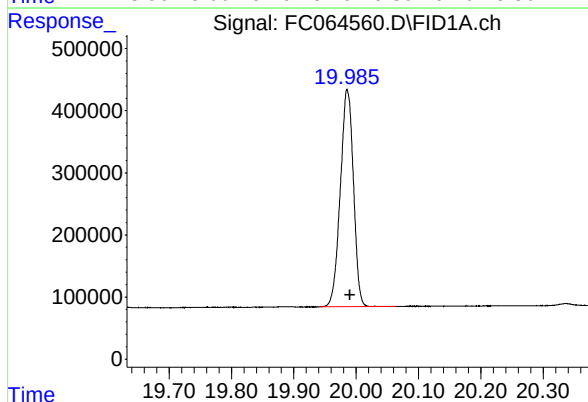
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.005 min
Response: 5325701
Conc: 39.86 ug/ml

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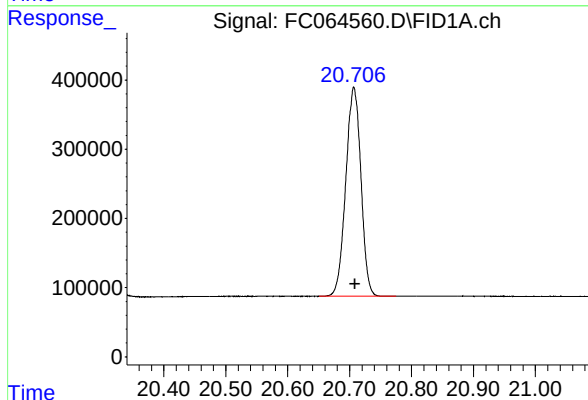
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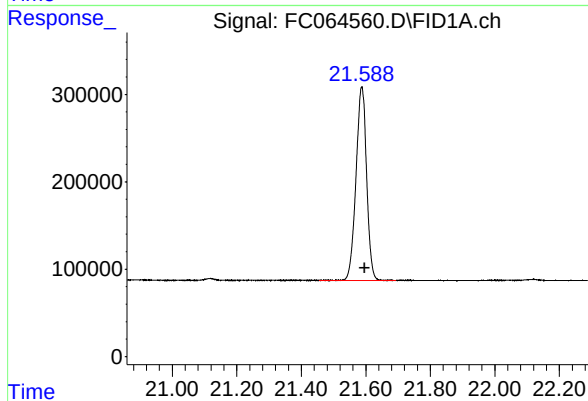
#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.004 min
Response: 5117009
Conc: 39.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.002 min
Response: 5140377
Conc: 41.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: -0.008 min
Response: 5059396
Conc: 43.57 ug/ml