

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066450.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2024 16:53
 Operator : YP/AJ
 Sample : P2560-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 INT-PE2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 02:54:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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...	12.984	7832305	63.854 ug/mlm
Spiked Amount 50.000		Recovery =	127.71%
Target Compounds			
1) T n-Nonane (C9)	3.311	2765993	18.314 ug/ml
2) T n-Decane (C10)	4.381	3840048	24.970 ug/ml
4) T n-Dodecane (C12)	6.404	5307152	34.533 ug/ml
6) T n-Tetradecane (C14)	8.216	9681178	63.970 ug/ml
7) T n-Hexadecane (C16)	9.799	7097955	46.420 ug/ml
8) T n-Octadecane (C18)	11.219	1379249	9.087 ug/ml
10) T n-Eicosane (C20)	12.574	2601022	18.081 ug/mlm
11) T n-Heneicosane (C21)	13.180	2311422	16.444 ug/mlm
13) T n-Docosane (C22)	13.717	7104832	50.746 ug/mlm
14) T n-Tetracosane (C24)	14.876	5999110	42.614 ug/ml
15) T n-Hexacosane (C26)	15.883	5111996	37.373 ug/ml
16) T n-Octacosane (C28)	16.828	5101657	38.095 ug/ml
17) T n-Tricontane (C30)	17.715	5090207	37.772 ug/ml
18) T n-Dotriacontane (C32)	18.547	5043501	39.171 ug/ml
19) T n-Tetratriacontane (C34)	19.330	5016298	42.398 ug/ml
20) T n-Hexatriacontane (C36)	20.070	5182549	45.087 ug/ml
21) T n-Octatriacontane (C38)	20.805	4976870	46.238 ug/ml
22) T n-Tetracontane (C40)	21.717	4850814	45.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2560-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

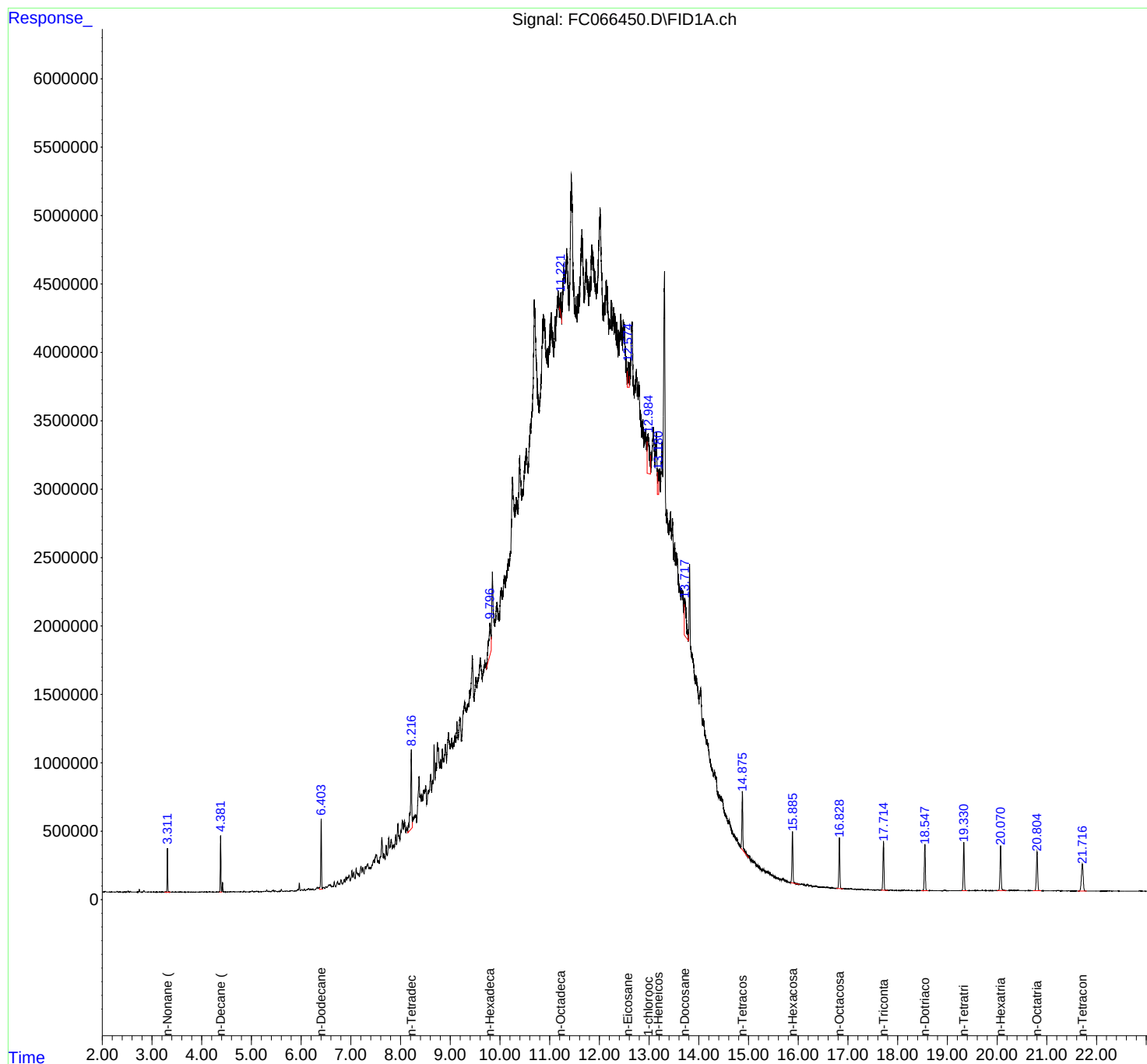
Instrument :
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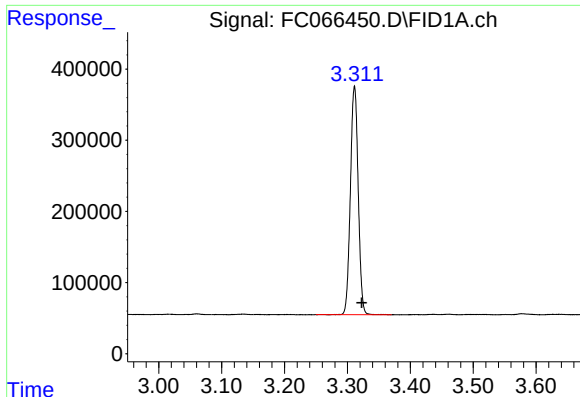
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#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.012 min
Response: 2765993
Conc: 18.31 ug/ml

Instrument :

FID_C

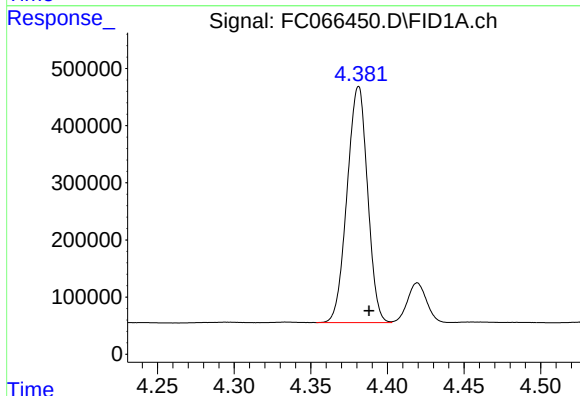
ClientSampleId :

INT-PE2MSD

Manual Integrations

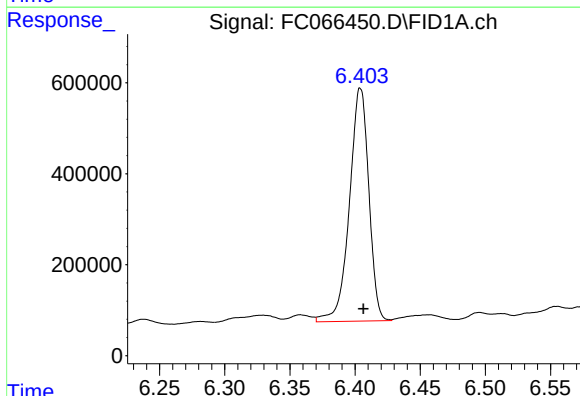
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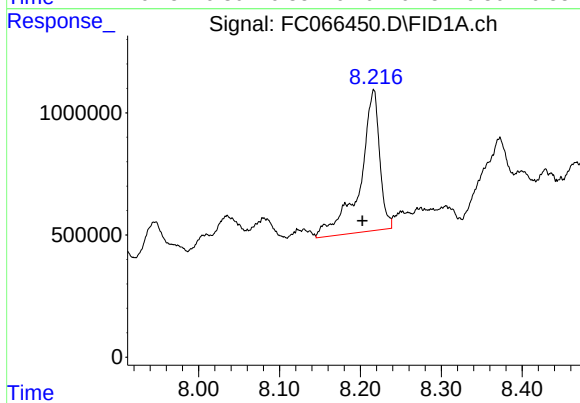
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.007 min
Response: 3840048
Conc: 24.97 ug/ml



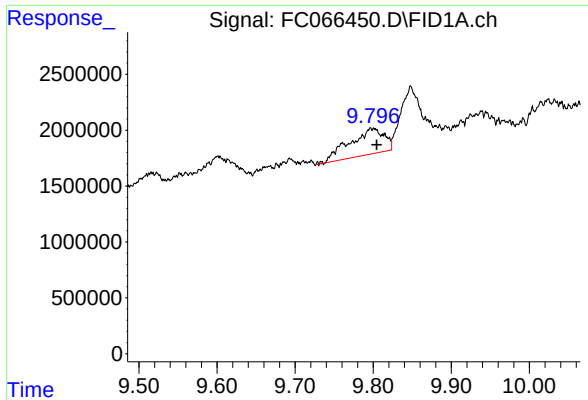
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5307152
Conc: 34.53 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: 0.013 min
Response: 9681178
Conc: 63.97 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.005 min
Response: 7097955
Conc: 46.42 ug/ml

Instrument :

FID_C

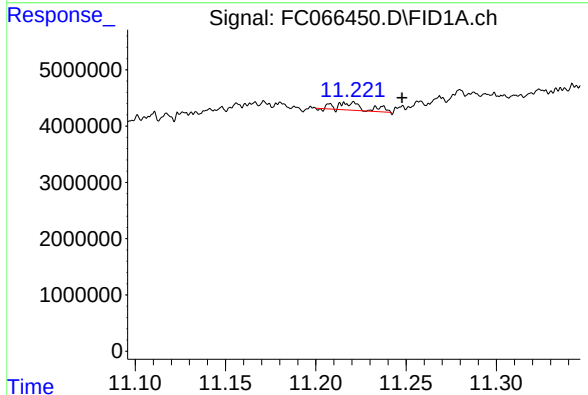
ClientSampleId :

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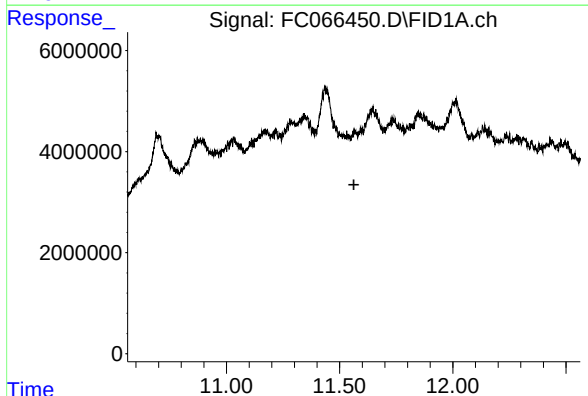
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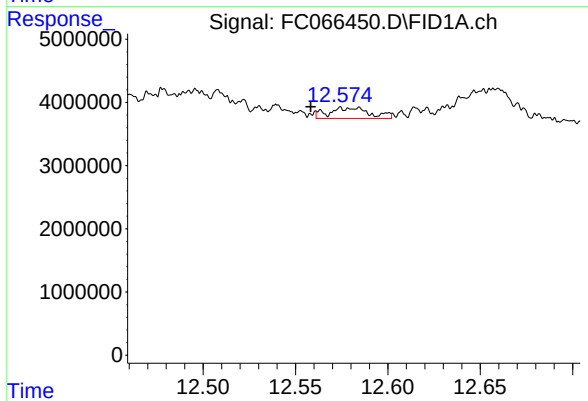
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.029 min
Response: 1379249
Conc: 9.09 ug/ml



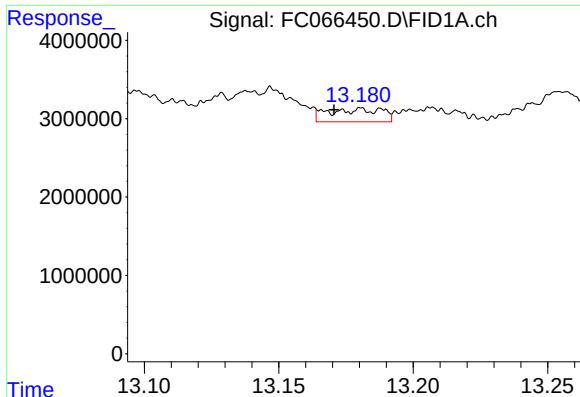
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.016 min
Response: 2601022
Conc: 18.08 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.009 min
Response: 2311422
Conc: 16.44 ug/ml

Instrument :

FID_C

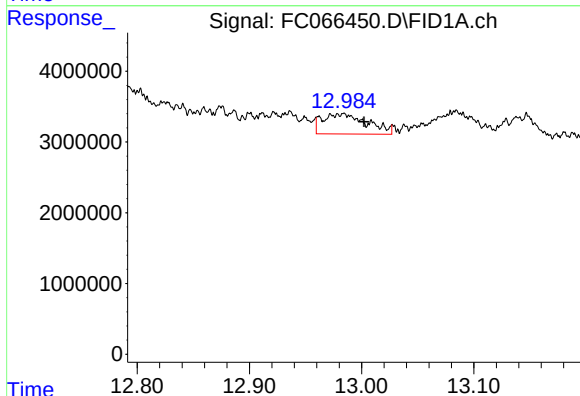
ClientSampleId :

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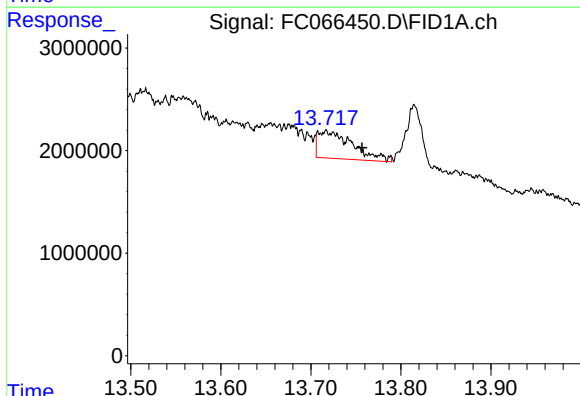
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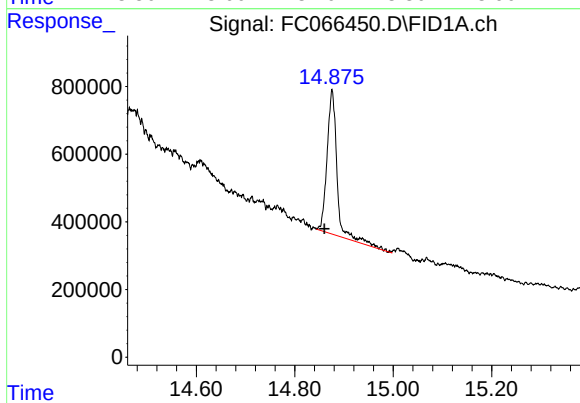
#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.018 min
Response: 7832305
Conc: 63.85 ug/ml m



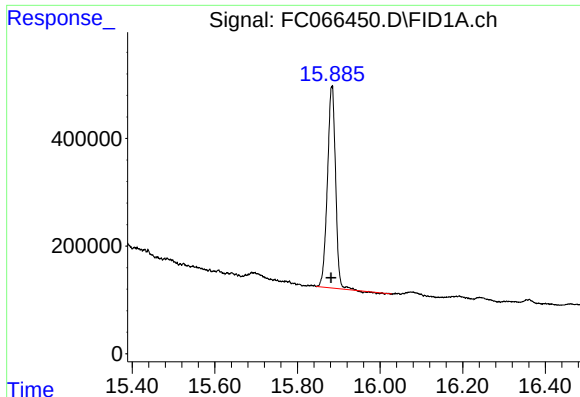
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.040 min
Response: 7104832
Conc: 50.75 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: 0.016 min
Response: 5999110
Conc: 42.61 ug/ml



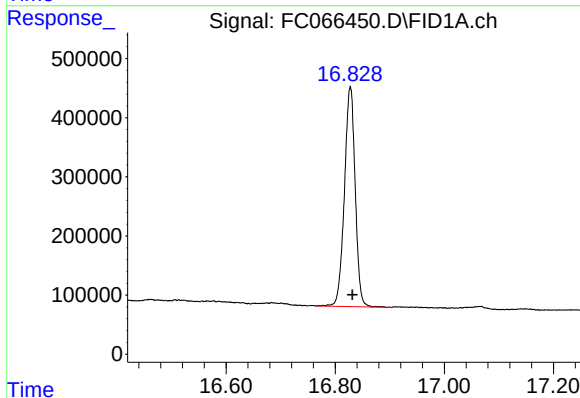
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: 0.002 min
Response: 5111996
Conc: 37.37 ug/ml

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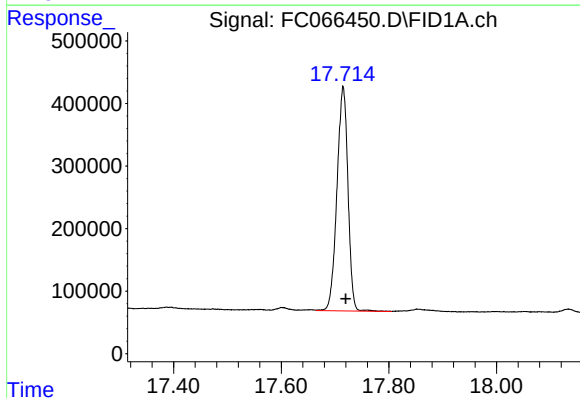
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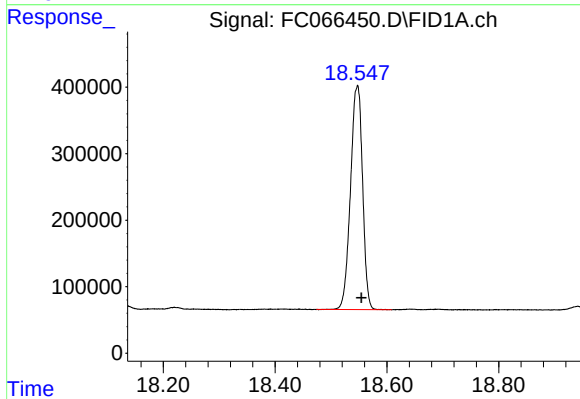
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 5101657
Conc: 38.09 ug/ml



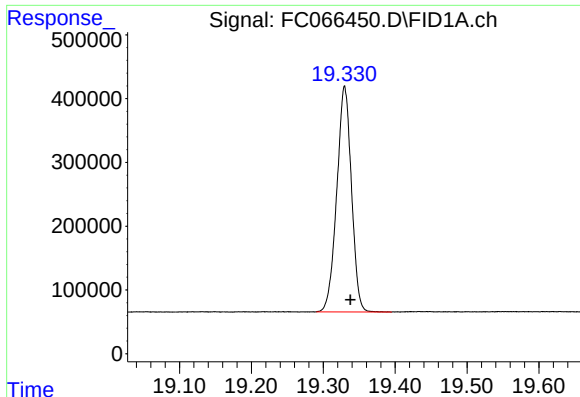
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.005 min
Response: 5090207
Conc: 37.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.007 min
Response: 5043501
Conc: 39.17 ug/ml



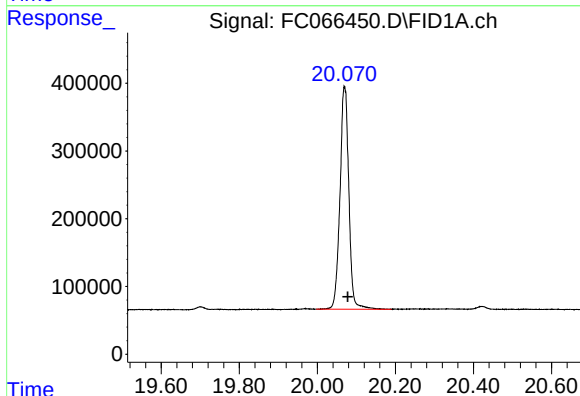
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.008 min
Response: 5016298
Conc: 42.40 ug/ml

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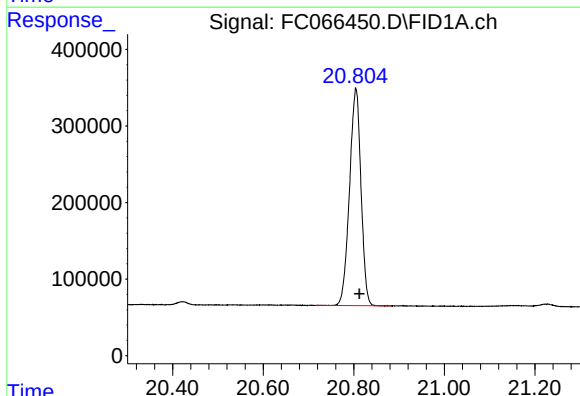
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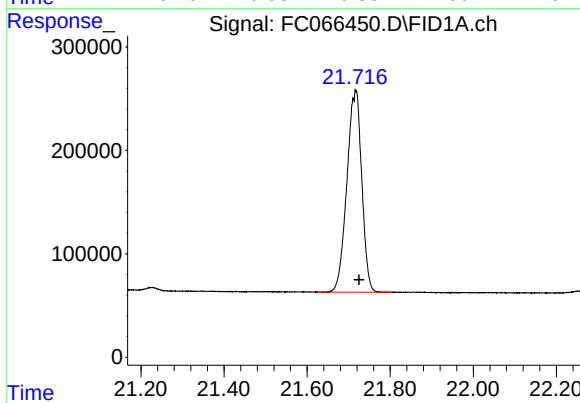
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: -0.008 min
Response: 5182549
Conc: 45.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.008 min
Response: 4976870
Conc: 46.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 4850814
Conc: 45.24 ug/ml