

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065634.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 18:29
 Operator : YP/AJ
 Sample : P1362-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 06 04:43:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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			
9) S ortho-Terphenyl (SURR)	11.492	6634569	36.483 ug/ml
Spiked Amount 50.000		Recovery =	72.97%
12) S 1-chlorooctadecane (S...	12.923	5616599	41.667 ug/ml
Spiked Amount 50.000		Recovery =	83.33%
Target Compounds			
1) T n-Nonane (C9)	3.283	1755162	11.236 ug/ml
2) T n-Decane (C10)	4.346	2246812	14.203 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3024243	18.084 ug/ml
4) T n-Dodecane (C12)	6.358	3011212	18.768 ug/ml
5) T A~2-methylnaphthalene...	6.986	3392603	21.985 ug/ml
6) T n-Tetradecane (C14)	8.149	3790947	24.171 ug/ml
7) T n-Hexadecane (C16)	9.743	5157765	32.251 ug/ml
8) T n-Octadecane (C18)	11.178	6075476	37.094 ug/ml
10) T n-Eicosane (C20)	12.482	6486320	40.723 ug/ml
11) T n-Heneicosane (C21)	13.091	6351709	40.484 ug/ml
13) T n-Docosane (C22)	13.674	6368912	40.792 ug/ml
14) T n-Tetracosane (C24)	14.769	13984985	89.977 ug/ml
15) T n-Hexacosane (C26)	15.789	6340407	41.301 ug/ml
16) T n-Octacosane (C28)	16.733	6529166	43.318 ug/ml
17) T n-Tricontane (C30)	17.618	6432911	42.120 ug/ml
18) T n-Dotriacontane (C32)	18.446	6493400	43.125 ug/ml
19) T n-Tetratriacontane (C34)	19.226	6126197	42.667 ug/ml
20) T n-Hexatriacontane (C36)	19.964	5818976	42.241 ug/mlm
21) T n-Octatriacontane (C38)	20.679	5704475	41.231 ug/ml
22) T n-Tetracontane (C40)	21.552	5662813	40.925 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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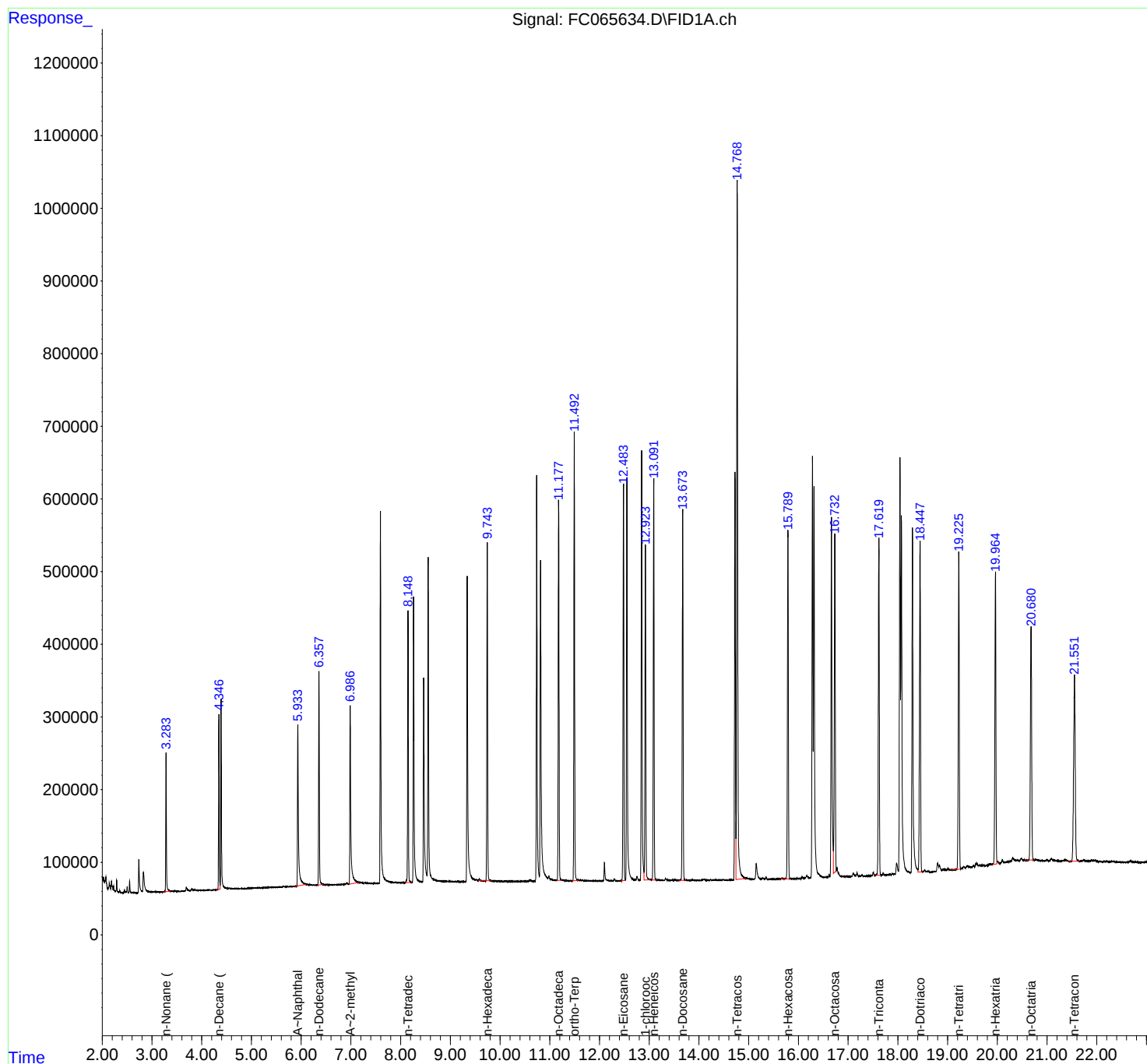
Instrument :
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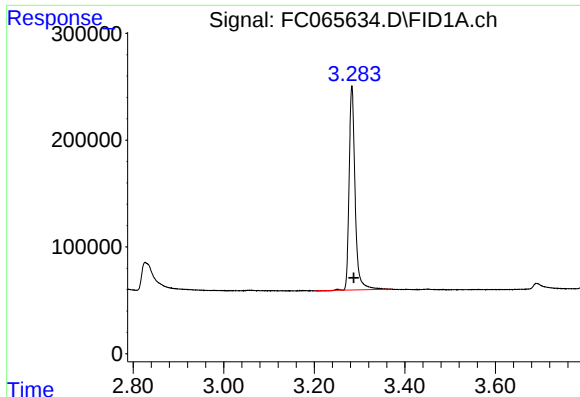
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 1755162
Conc: 11.24 ug/ml

Instrument :

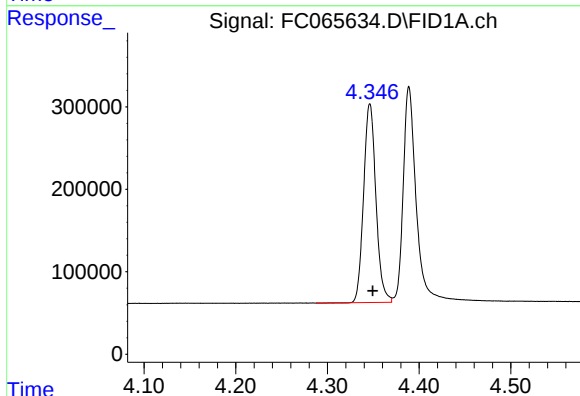
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ClientSampleId :

WC-2MS

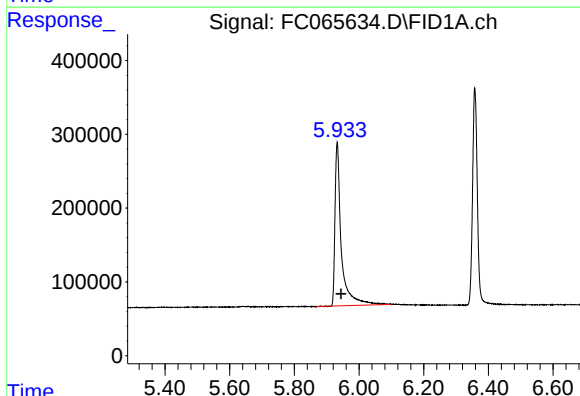
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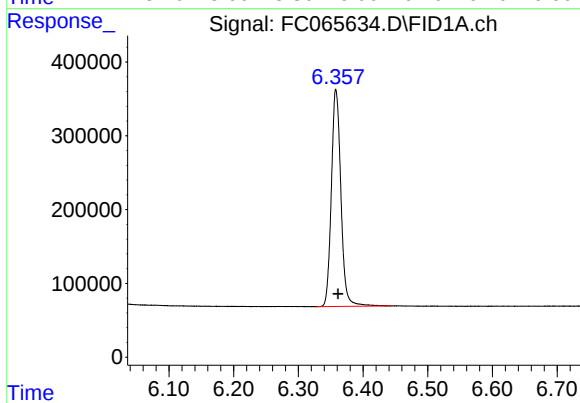
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.003 min
Response: 2246812
Conc: 14.20 ug/ml



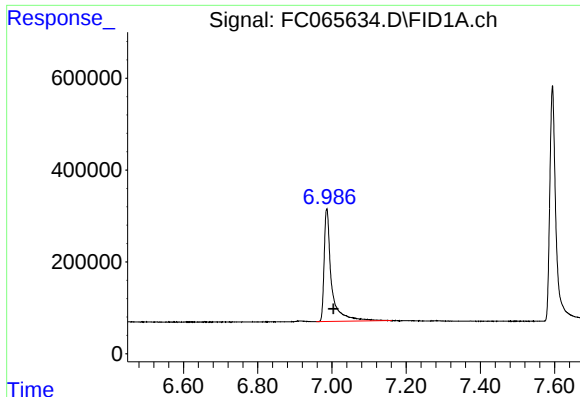
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 3024243
Conc: 18.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 3011212
Conc: 18.77 ug/ml



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

R.T.: 6.986 min
Delta R.T.: -0.017 min
Response: 3392603
Conc: 21.99 ug/ml

Instrument :

FID_C

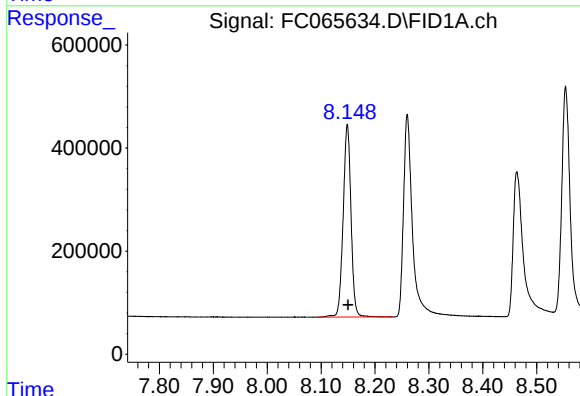
ClientSampleId :

WC-2MS

Manual Integrations

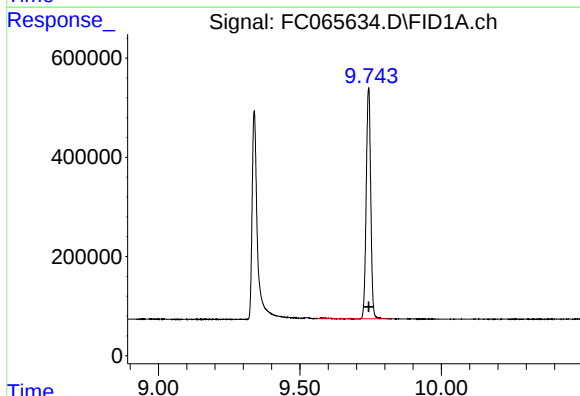
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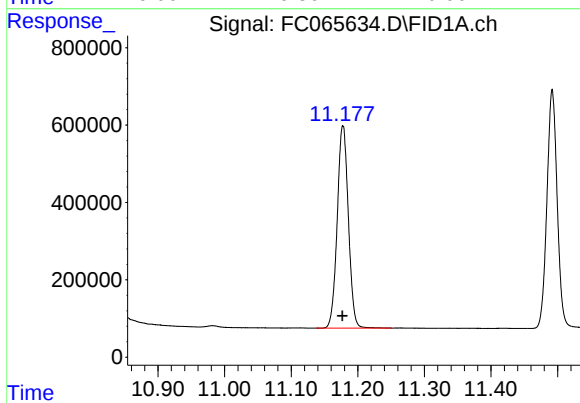
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.001 min
Response: 3790947
Conc: 24.17 ug/ml



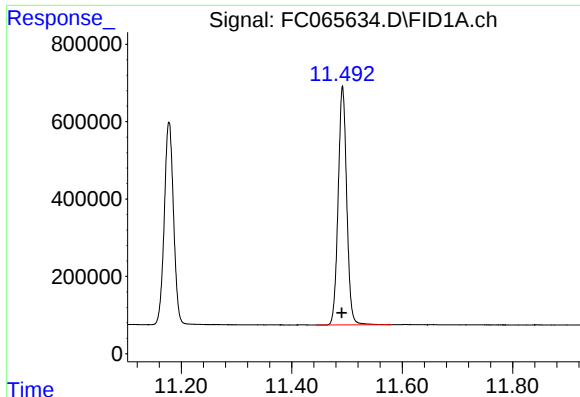
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 5157765
Conc: 32.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 6075476
Conc: 37.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.001 min
Response: 6634569
Conc: 36.48 ug/ml

Instrument :

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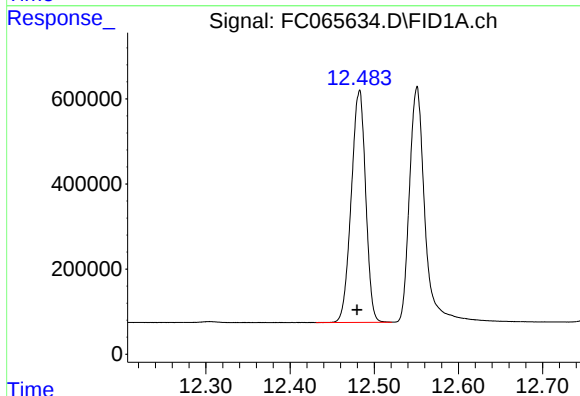
WC-2MS

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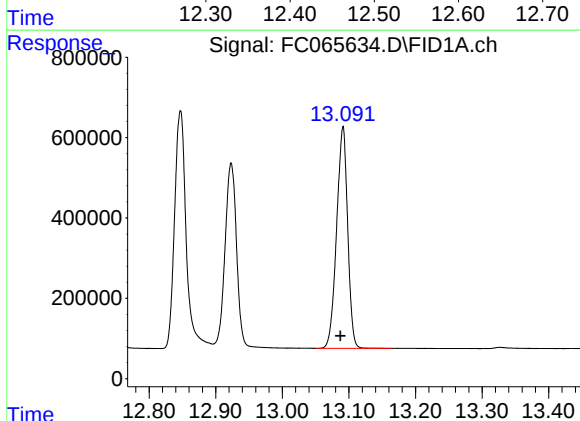
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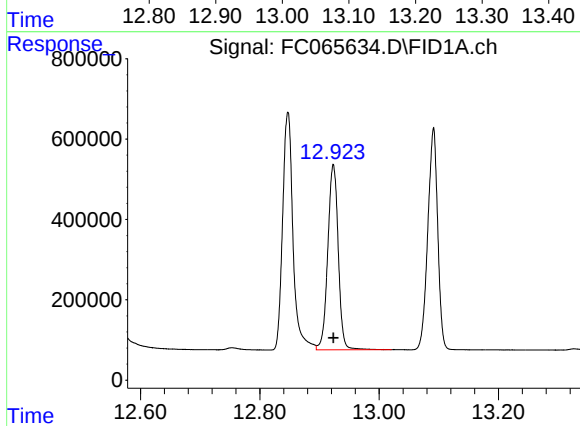
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.002 min
Response: 6486320
Conc: 40.72 ug/ml



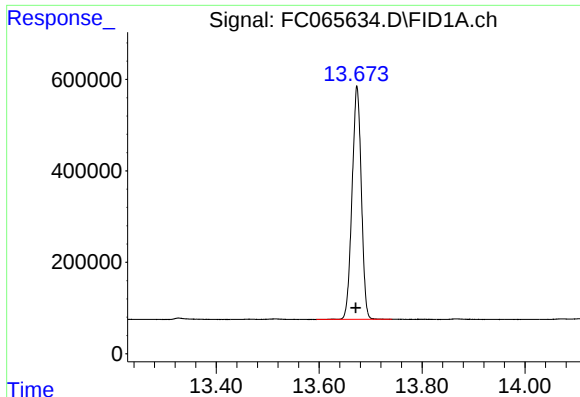
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 6351709
Conc: 40.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 5616599
Conc: 41.67 ug/ml



#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.002 min
Response: 6368912
Conc: 40.79 ug/ml

Instrument :

FID_C

ClientSampleId :

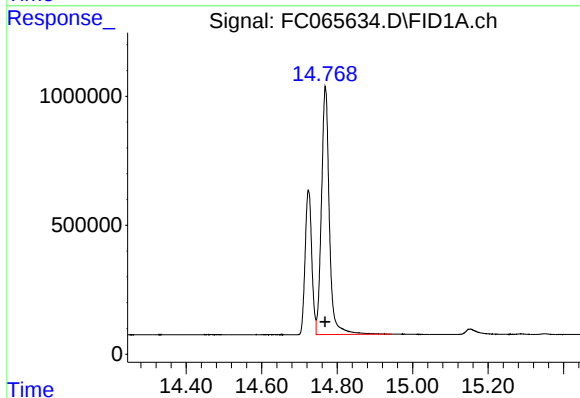
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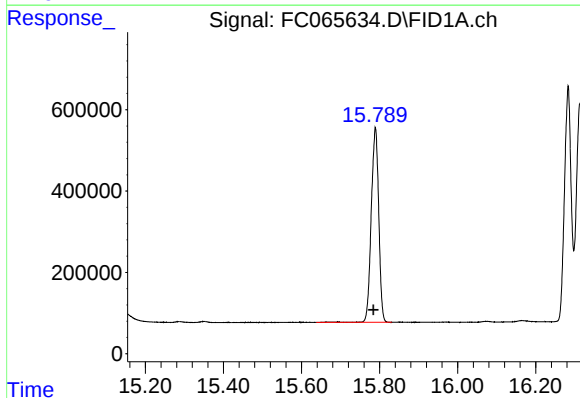
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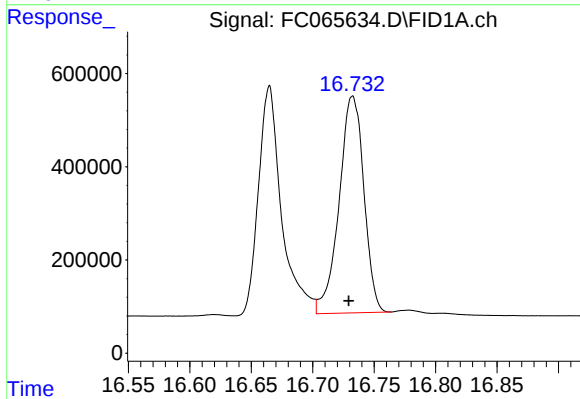
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 13984985
Conc: 89.98 ug/ml



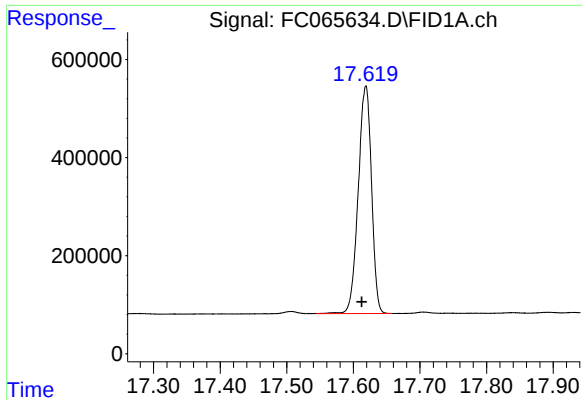
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.005 min
Response: 6340407
Conc: 41.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.003 min
Response: 6529166
Conc: 43.32 ug/ml



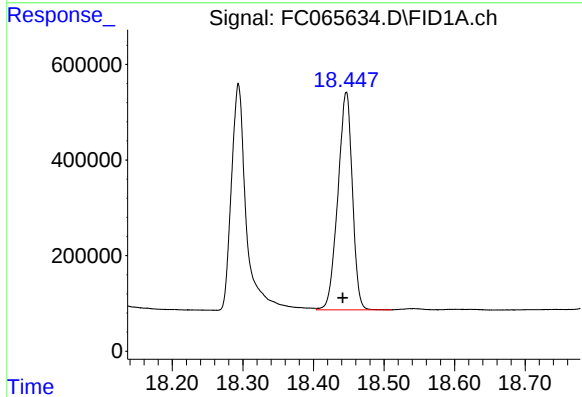
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.006 min
Response: 6432911
Conc: 42.12 ug/ml

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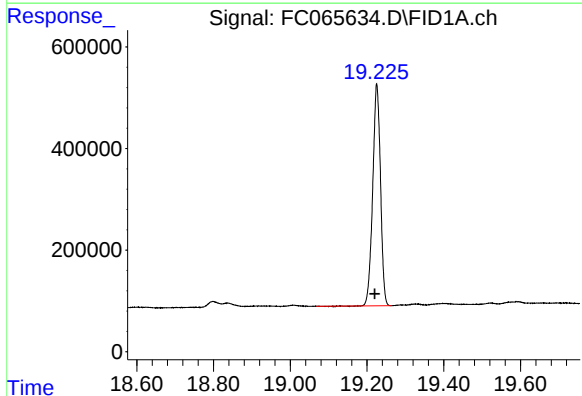
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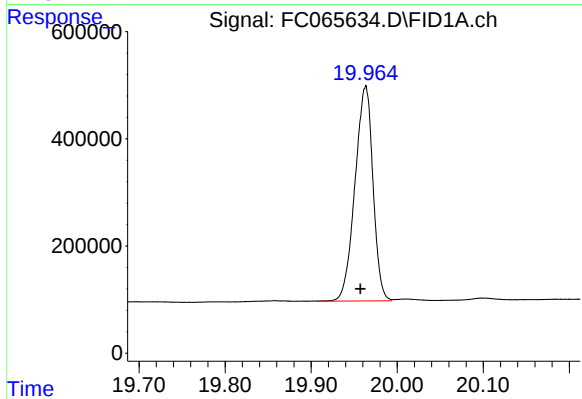
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.005 min
Response: 6493400
Conc: 43.12 ug/ml



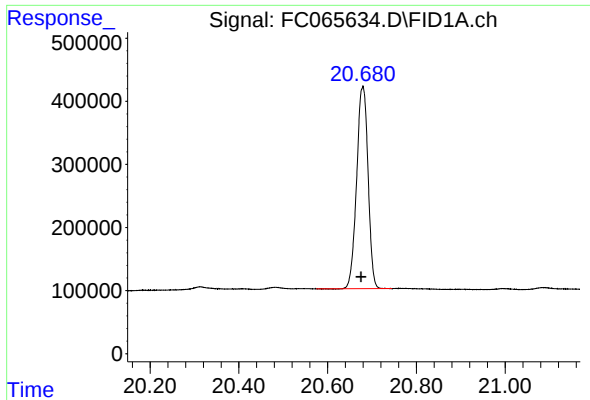
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.006 min
Response: 6126197
Conc: 42.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.964 min
Delta R.T.: 0.006 min
Response: 5818976
Conc: 42.24 ug/ml m



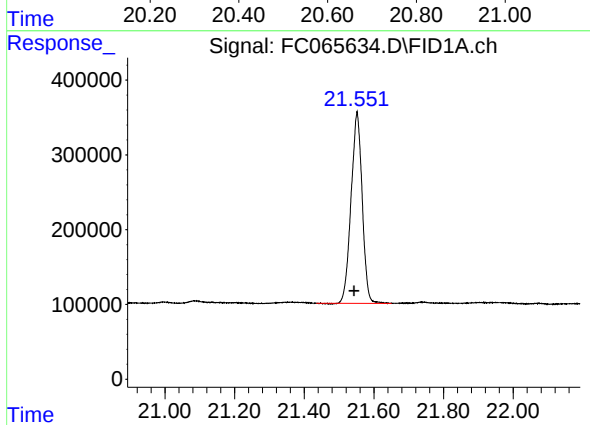
#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 5704475
Conc: 41.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.008 min
Response: 5662813
Conc: 40.92 ug/ml