

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065232.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2023 16:03
 Operator : YP/AJ
 Sample : PB157238BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157238BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 00:12:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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...	12.940	6755889	42.736 ug/ml
Spiked Amount 50.000		Recovery =	85.47%
Target Compounds			
1) T n-Nonane (C9)	3.307	4599795	24.329 ug/ml
2) T n-Decane (C10)	4.367	5649667	29.713 ug/ml
4) T n-Dodecane (C12)	6.378	6703880	34.704 ug/ml
6) T n-Tetradecane (C14)	8.166	7320589	38.797 ug/ml
7) T n-Hexadecane (C16)	9.760	7972127	42.175 ug/ml
8) T n-Octadecane (C18)	11.195	8406788	44.544 ug/ml
10) T n-Eicosane (C20)	12.498	8784863	48.864 ug/ml
11) T n-Heneicosane (C21)	13.107	8428401	48.006 ug/ml
13) T n-Docosane (C22)	13.690	8333540	48.515 ug/ml
14) T n-Tetracosane (C24)	14.788	8015958	48.128 ug/ml
15) T n-Hexacosane (C26)	15.803	7757556	48.331 ug/ml
16) T n-Octacosane (C28)	16.748	7482950	47.814 ug/ml
17) T n-Tricontane (C30)	17.632	7439510	46.969 ug/ml
18) T n-Dotriacontane (C32)	18.460	7336791	46.467 ug/ml
19) T n-Tetratriacontane (C34)	19.241	7163991	46.934 ug/ml
20) T n-Hexatriacontane (C36)	19.978	6846546	45.377 ug/ml
21) T n-Octatriacontane (C38)	20.695	6683644	44.912 ug/ml
22) T n-Tetracontane (C40)	21.572	6569657	44.667 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB157238BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

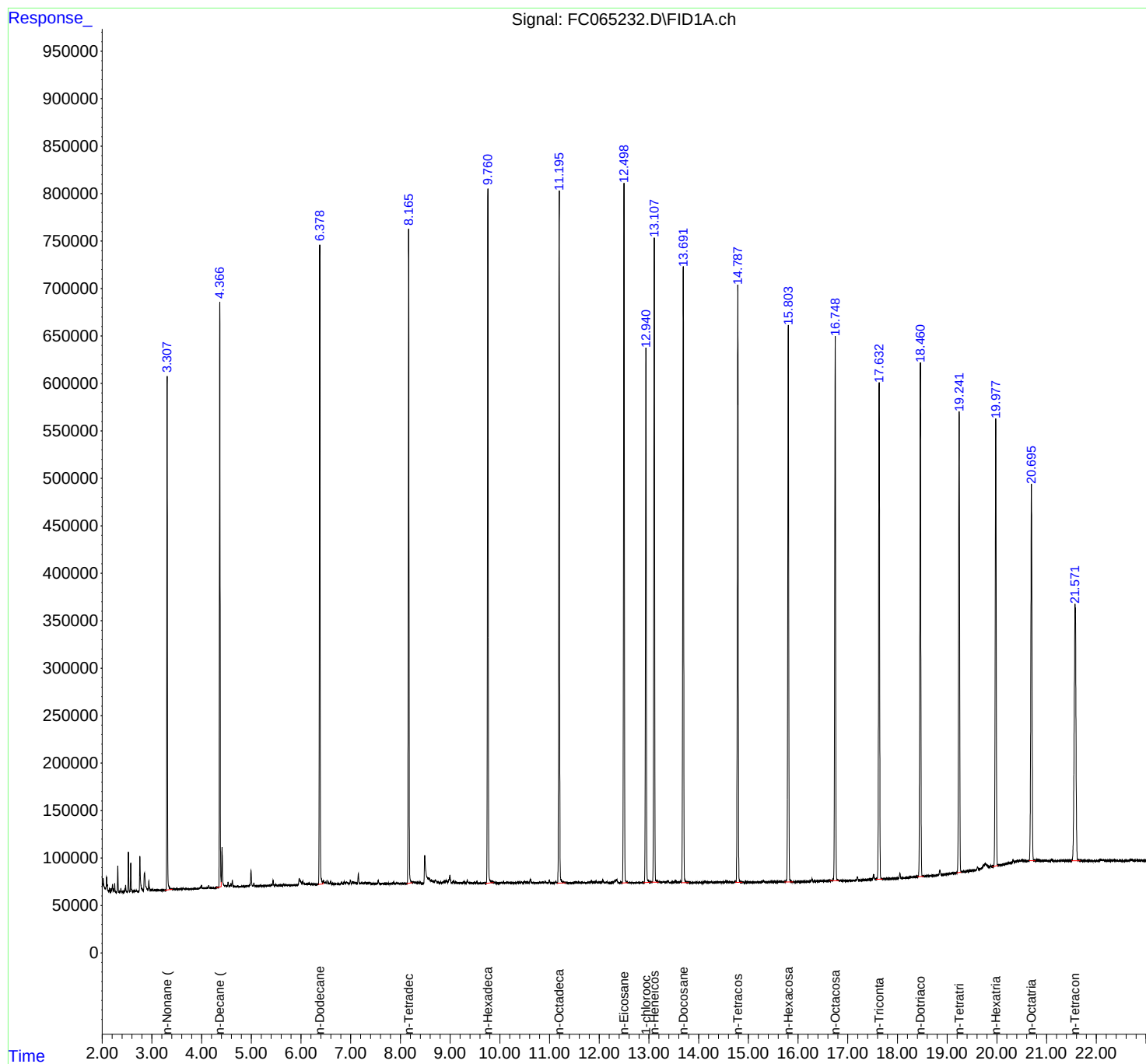
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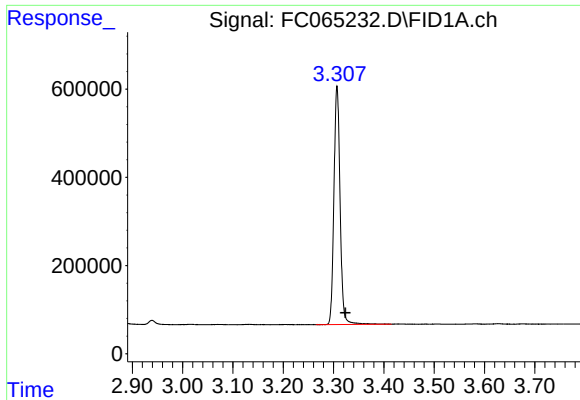
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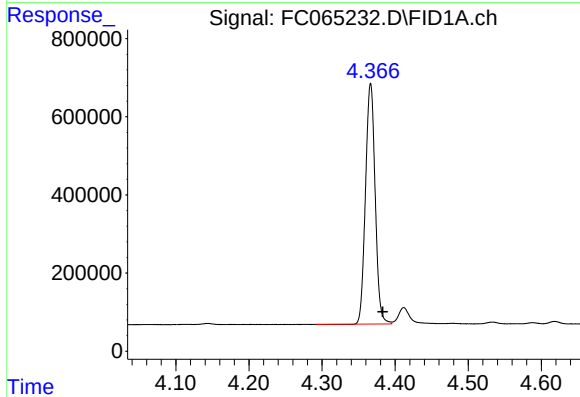
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.017 min
Response: 4599795
Conc: 24.33 ug/ml

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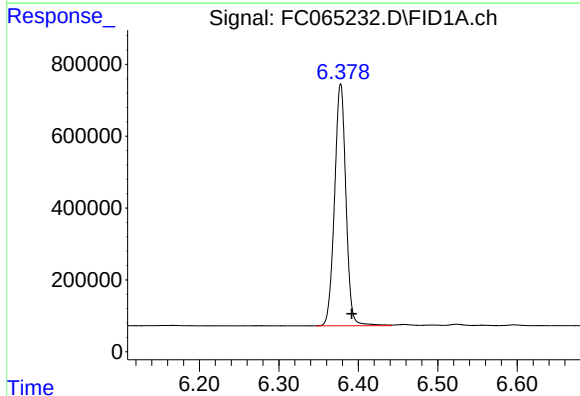
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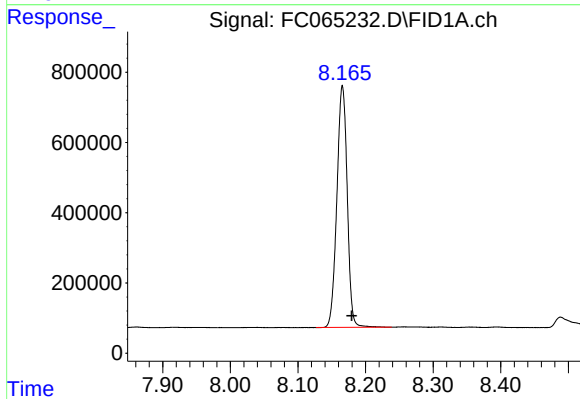
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.017 min
Response: 5649667
Conc: 29.71 ug/ml



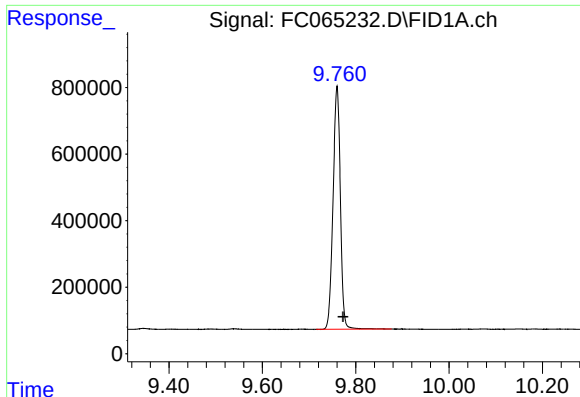
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 6703880
Conc: 34.70 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 7320589
Conc: 38.80 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 7972127
Conc: 42.18 ug/ml

Instrument :

FID_C

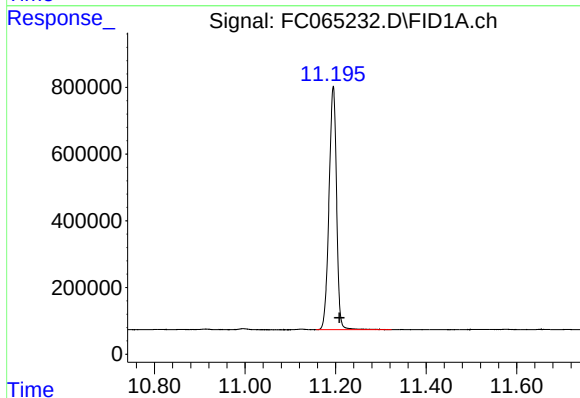
ClientSampleId :

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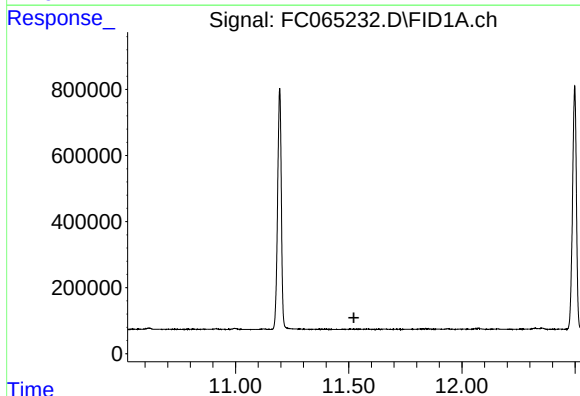
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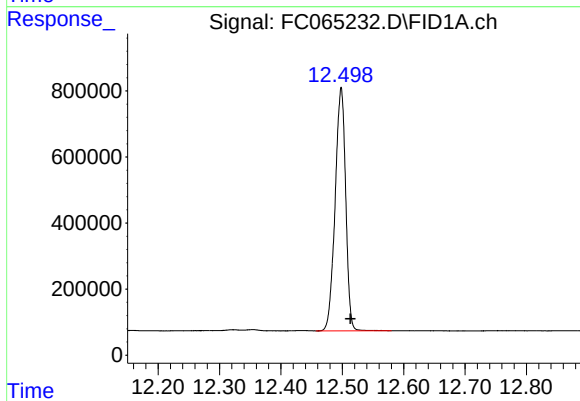
#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 8406788
Conc: 44.54 ug/ml



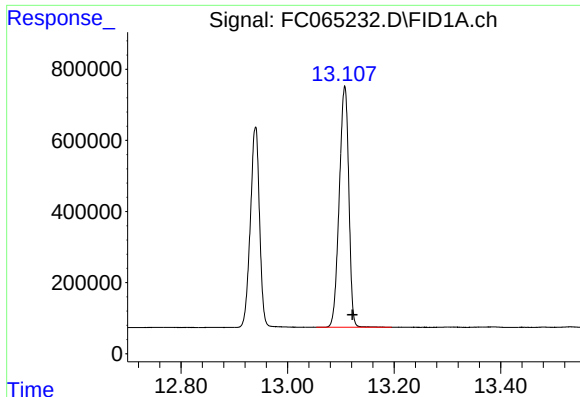
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.015 min
Response: 8784863
Conc: 48.86 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 8428401
Conc: 48.01 ug/ml

Instrument :

FID_C

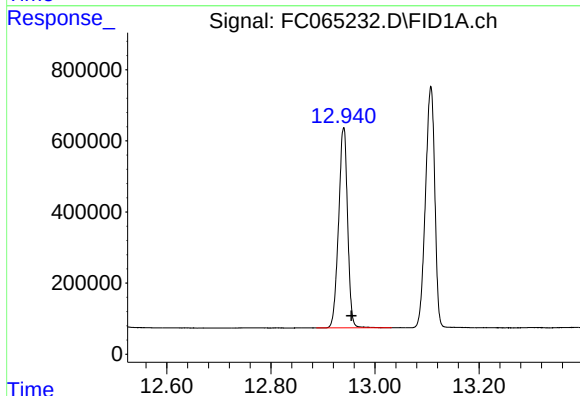
ClientSampleId :

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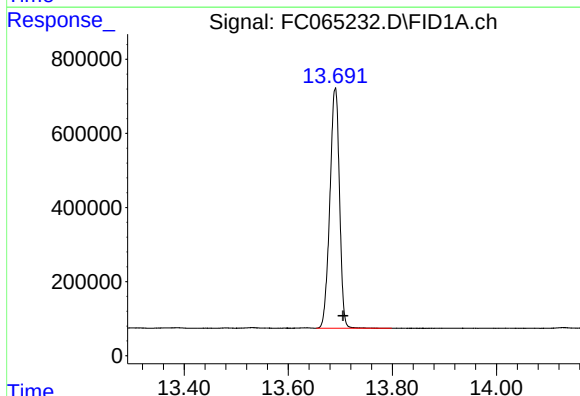
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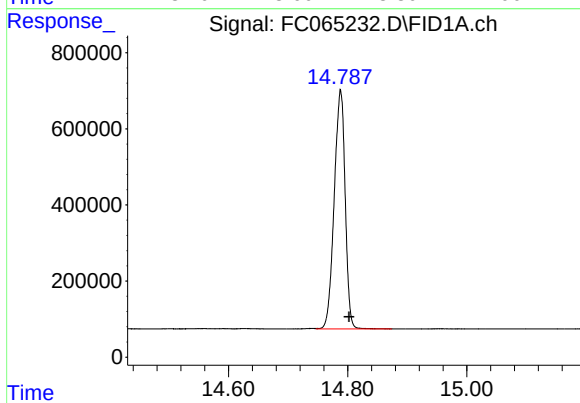
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 6755889
Conc: 42.74 ug/ml



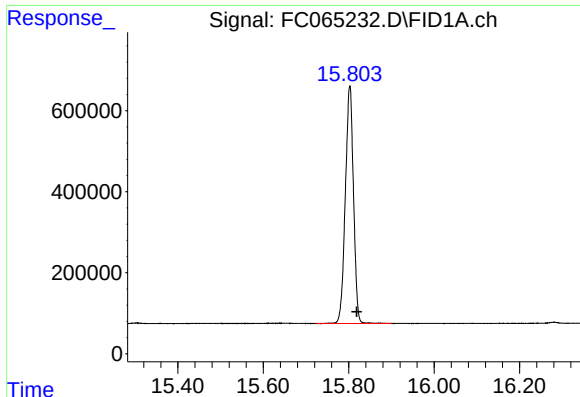
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: -0.015 min
Response: 8333540
Conc: 48.52 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.014 min
Response: 8015958
Conc: 48.13 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.016 min
Response: 7757556
Conc: 48.33 ug/ml

Instrument :

FID_C

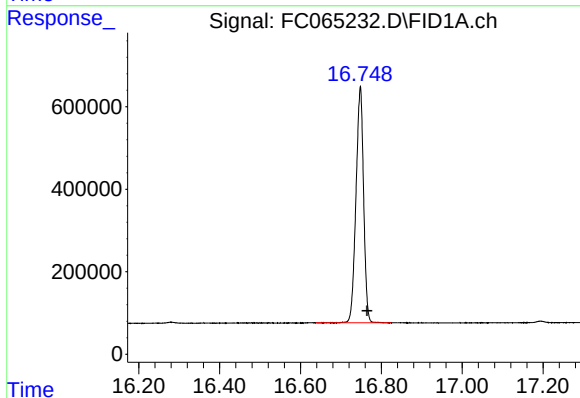
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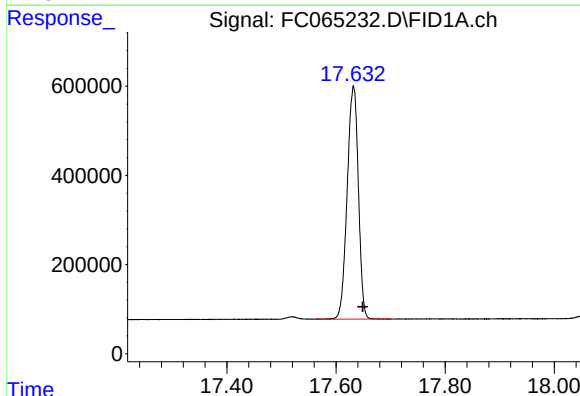
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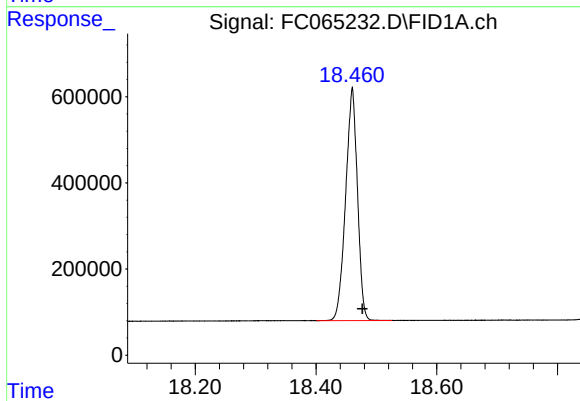
#16 n-Octacosane (C28)

R.T.: 16.748 min
Delta R.T.: -0.017 min
Response: 7482950
Conc: 47.81 ug/ml



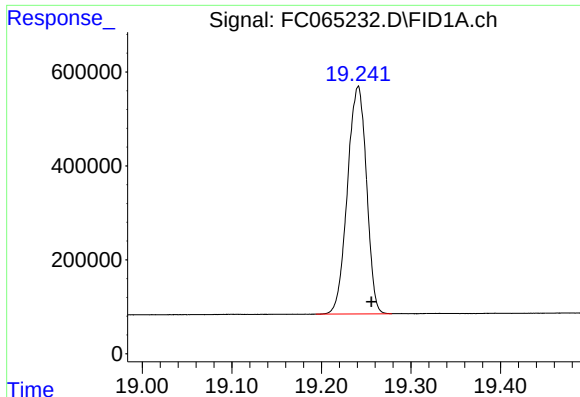
#17 n-Tricontane (C30)

R.T.: 17.632 min
Delta R.T.: -0.017 min
Response: 7439510
Conc: 46.97 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.460 min
Delta R.T.: -0.017 min
Response: 7336791
Conc: 46.47 ug/ml



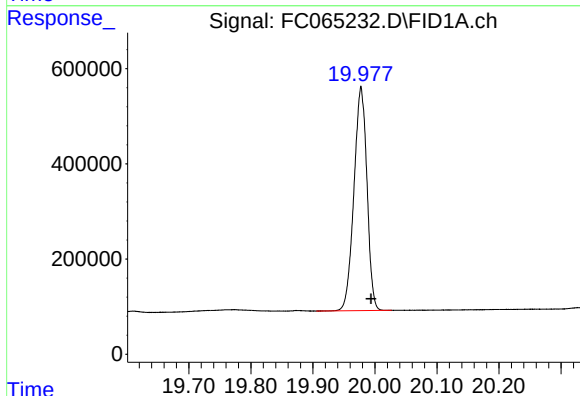
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.015 min
Response: 7163991
Conc: 46.93 ug/ml

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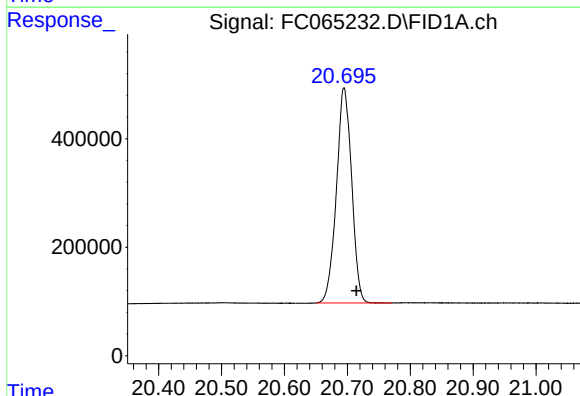
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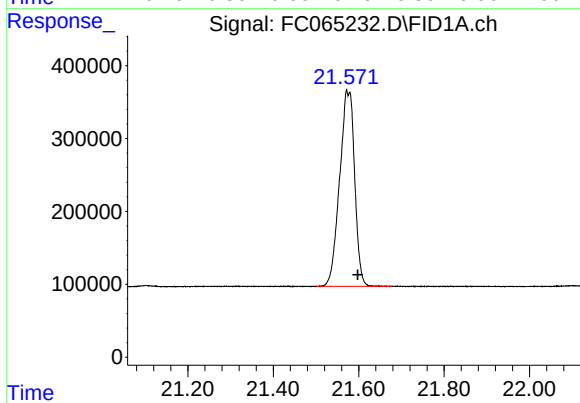
#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: -0.016 min
Response: 6846546
Conc: 45.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: -0.020 min
Response: 6683644
Conc: 44.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.026 min
Response: 6569657
Conc: 44.67 ug/ml