

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022024AL\
 Data File : FC065793.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2024 14:48
 Operator : YP/AJ
 Sample : PB159132BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159132BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :Ankita Jodhani 02/21/2024

Integration File: autoint1.e
 Quant Time: Feb 21 00:38:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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...	12.930	4001616	31.797 ug/ml
Spiked Amount 50.000		Recovery =	63.59%
Target Compounds			
1) T n-Nonane (C9)	3.290	1327246	8.834 ug/ml
2) T n-Decane (C10)	4.352	1802679	11.856 ug/ml
4) T n-Dodecane (C12)	6.365	2606598	17.031 ug/ml
6) T n-Tetradecane (C14)	8.155	3343376	22.520 ug/ml
7) T n-Hexadecane (C16)	9.750	4001888	26.685 ug/ml
8) T n-Octadecane (C18)	11.185	4570307	29.629 ug/ml
10) T n-Eicosane (C20)	12.489	5058931	33.641 ug/ml
11) T n-Heneicosane (C21)	13.097	5051006	33.773 ug/ml
13) T n-Docosane (C22)	13.680	5062758	34.132 ug/ml
14) T n-Tetracosane (C24)	14.777	5064559	34.062 ug/ml
15) T n-Hexacosane (C26)	15.793	5058282	34.134 ug/ml
16) T n-Octacosane (C28)	16.737	5078935	34.614 ug/ml
17) T n-Tricontane (C30)	17.620	5127938	34.160 ug/ml
18) T n-Dotriacontane (C32)	18.451	5096441	34.462 ug/ml
19) T n-Tetratriacontane (C34)	19.229	4906909	33.854 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	4564270	32.155 ug/mlm
21) T n-Octatriacontane (C38)	20.683	4544867	32.108 ug/mlm
22) T n-Tetracontane (C40)	21.558	4381161	31.409 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

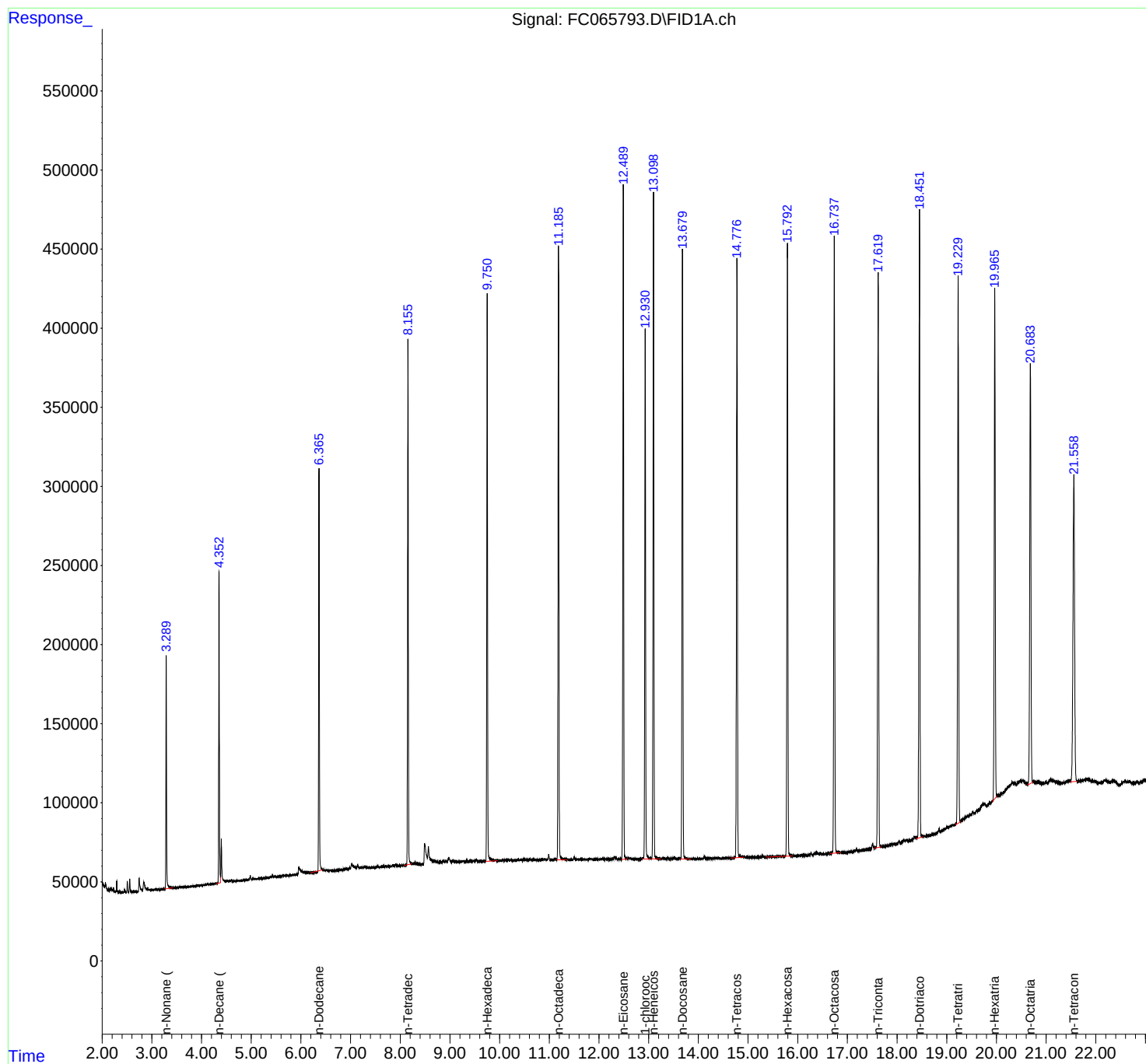
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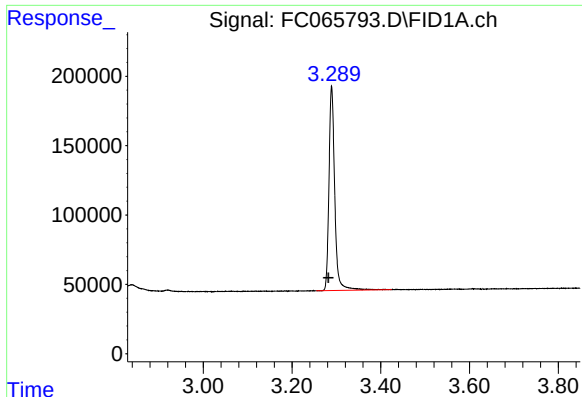
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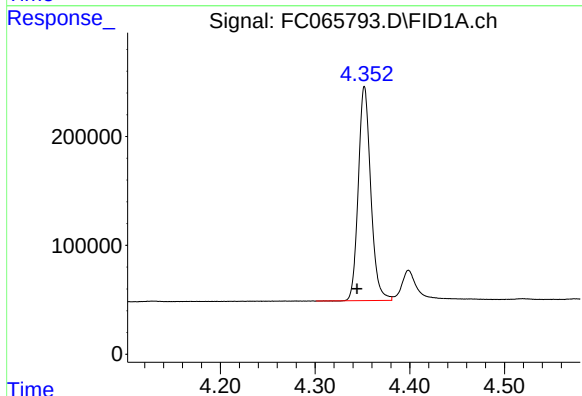
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.008 min
Response: 1327246
Conc: 8.83 ug/ml

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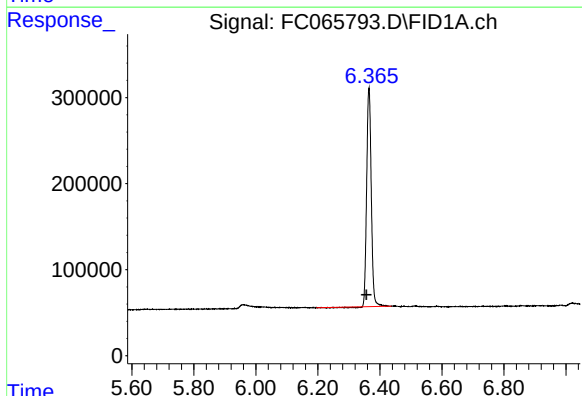
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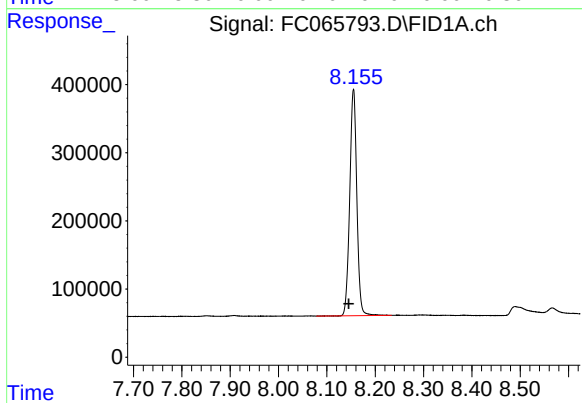
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 1802679
Conc: 11.86 ug/ml



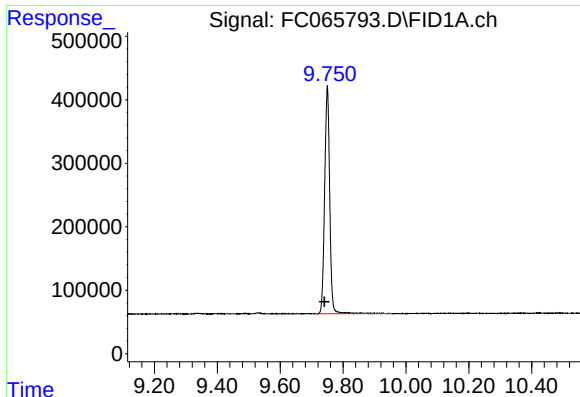
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 2606598
Conc: 17.03 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 3343376
Conc: 22.52 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.010 min
Response: 4001888
Conc: 26.69 ug/ml

Instrument :

FID_C

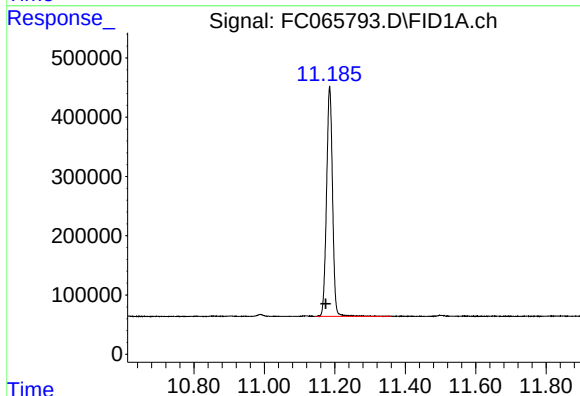
ClientSampleId :

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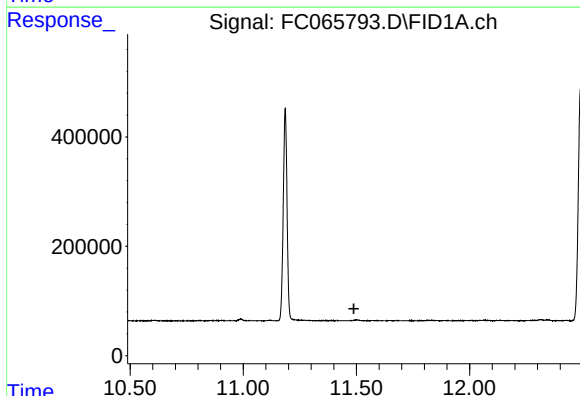
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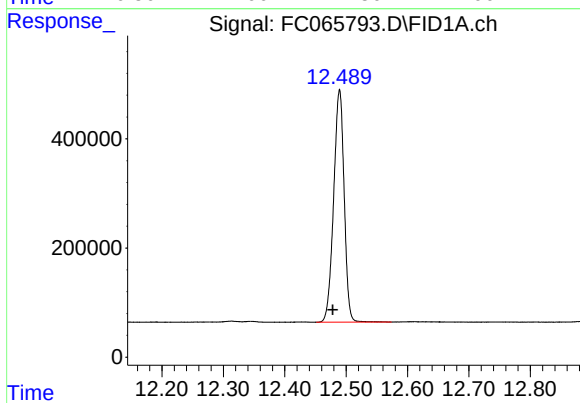
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.011 min
Response: 4570307
Conc: 29.63 ug/ml



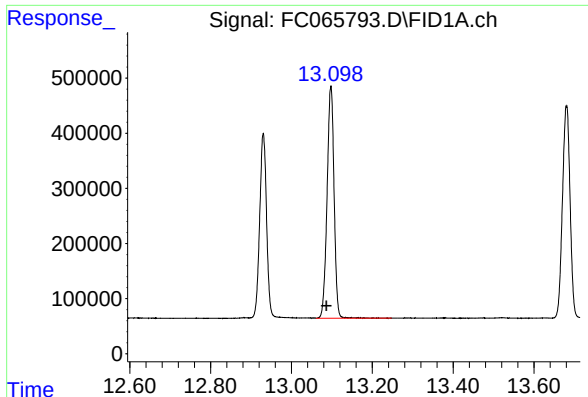
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 5058931
Conc: 33.64 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 5051006
Conc: 33.77 ug/ml

Instrument :

FID_C

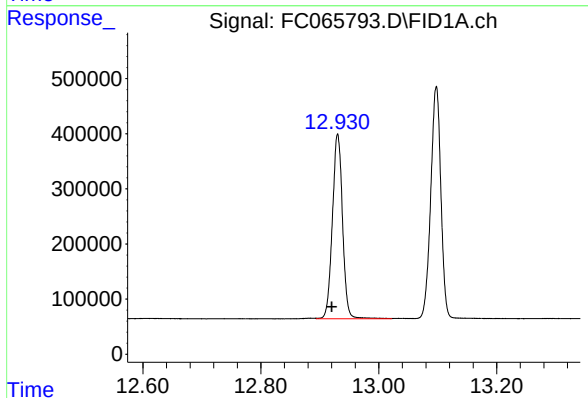
ClientSampleId :

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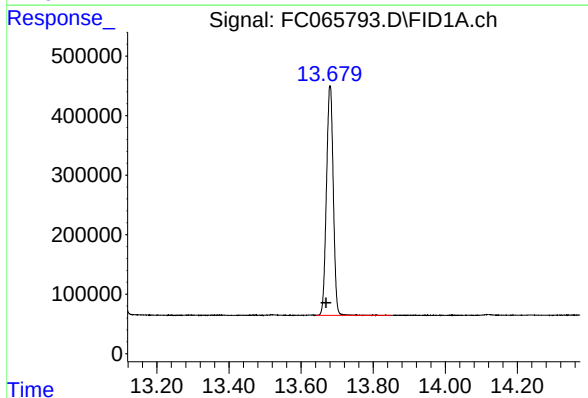
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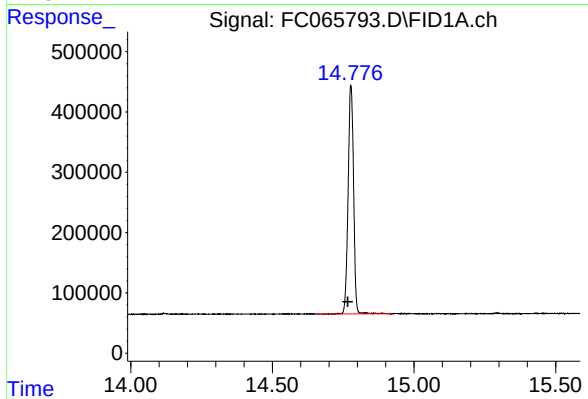
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 4001616
Conc: 31.80 ug/ml



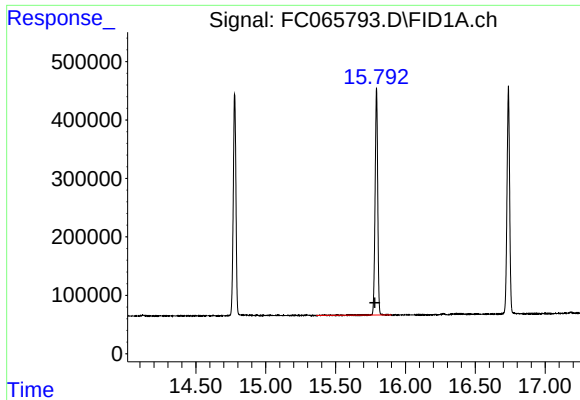
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 5062758
Conc: 34.13 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.012 min
Response: 5064559
Conc: 34.06 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 5058282
Conc: 34.13 ug/ml

Instrument :

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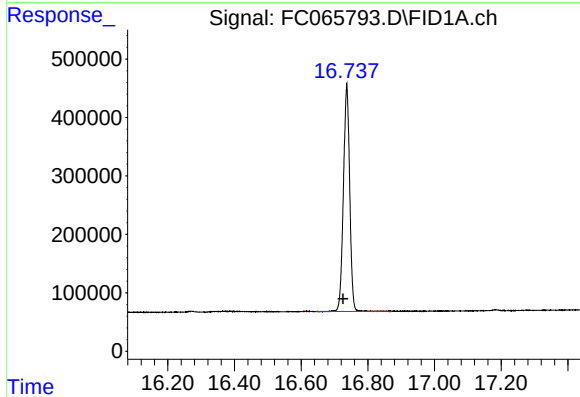
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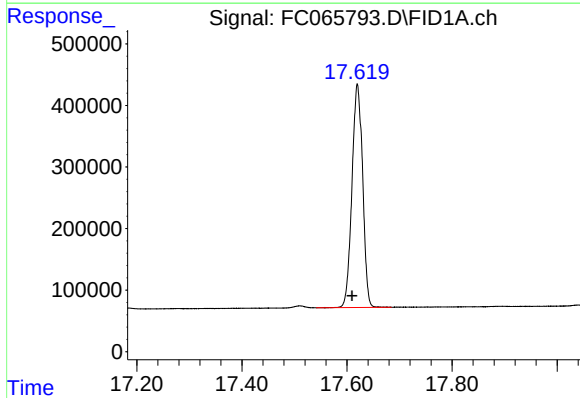
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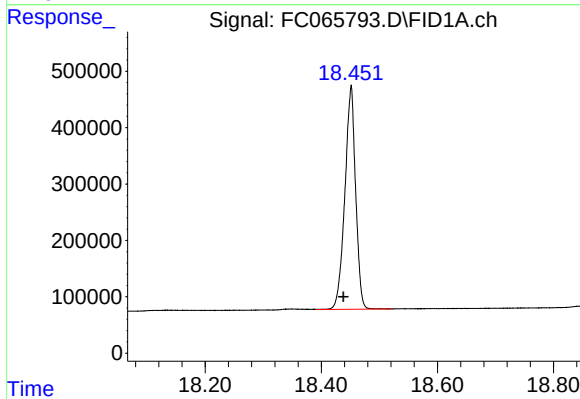
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 5078935
Conc: 34.61 ug/ml



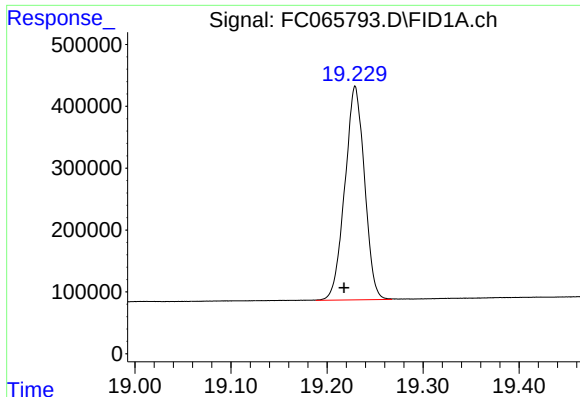
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.010 min
Response: 5127938
Conc: 34.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 5096441
Conc: 34.46 ug/ml



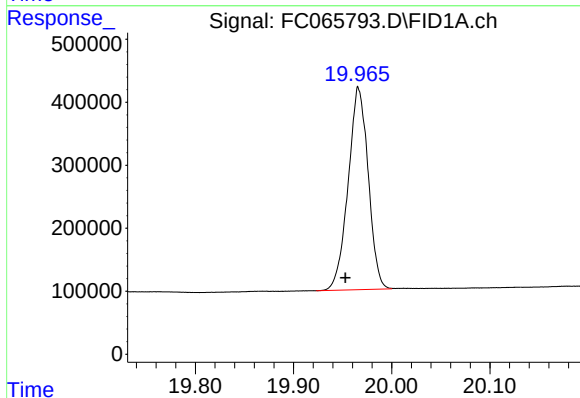
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.011 min
Response: 4906909
Conc: 33.85 ug/ml

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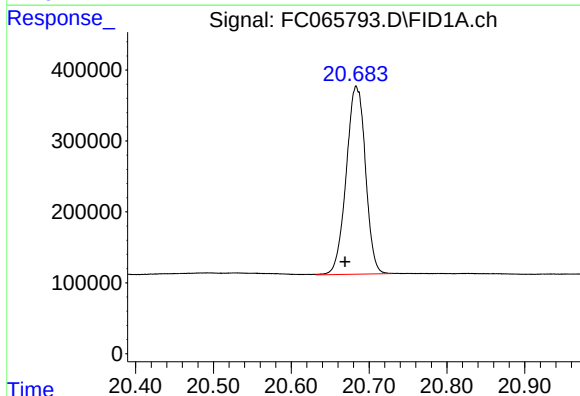
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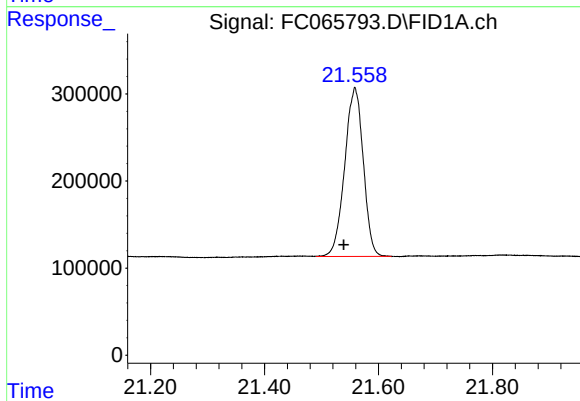
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 4564270
Conc: 32.16 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.014 min
Response: 4544867
Conc: 32.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: 0.019 min
Response: 4381161
Conc: 31.41 ug/ml m