

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067873.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 09:18
 Operator : YP/AJ
 Sample : PB165286BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165286BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 00:12:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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...	12.938	4856284	33.454 ug/ml
Spiked Amount 50.000		Recovery =	66.91%
Target Compounds			
1) T n-Nonane (C9)	3.288	2733876	16.761 ug/ml
2) T n-Decane (C10)	4.350	3722419	22.447 ug/ml
4) T n-Dodecane (C12)	6.363	4858344	28.845 ug/ml
6) T n-Tetradecane (C14)	8.153	5691424	33.984 ug/ml
7) T n-Hexadecane (C16)	9.751	6405065	36.960 ug/ml
8) T n-Octadecane (C18)	11.190	7005985	39.820 ug/ml
10) T n-Eicosane (C20)	12.497	7304384	43.379 ug/ml
11) T n-Heneicosane (C21)	13.108	7007008	42.586 ug/ml
13) T n-Docosane (C22)	13.692	6938589	42.606 ug/ml
14) T n-Tetracosane (C24)	14.793	6734059	41.988 ug/ml
15) T n-Hexacosane (C26)	15.812	6483107	41.864 ug/ml
16) T n-Octacosane (C28)	16.758	6291029	41.656 ug/mlm
17) T n-Tricontane (C30)	17.644	6182684	40.381 ug/ml
18) T n-Dotriacontane (C32)	18.475	5981052	40.497 ug/ml
19) T n-Tetratriacontane (C34)	19.258	5756909	45.643 ug/ml
20) T n-Hexatriacontane (C36)	19.995	5429361	51.912 ug/ml
21) T n-Octatriacontane (C38)	20.719	5237894	53.621 ug/ml
22) T n-Tetracontane (C40)	21.603	5123801	52.570 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

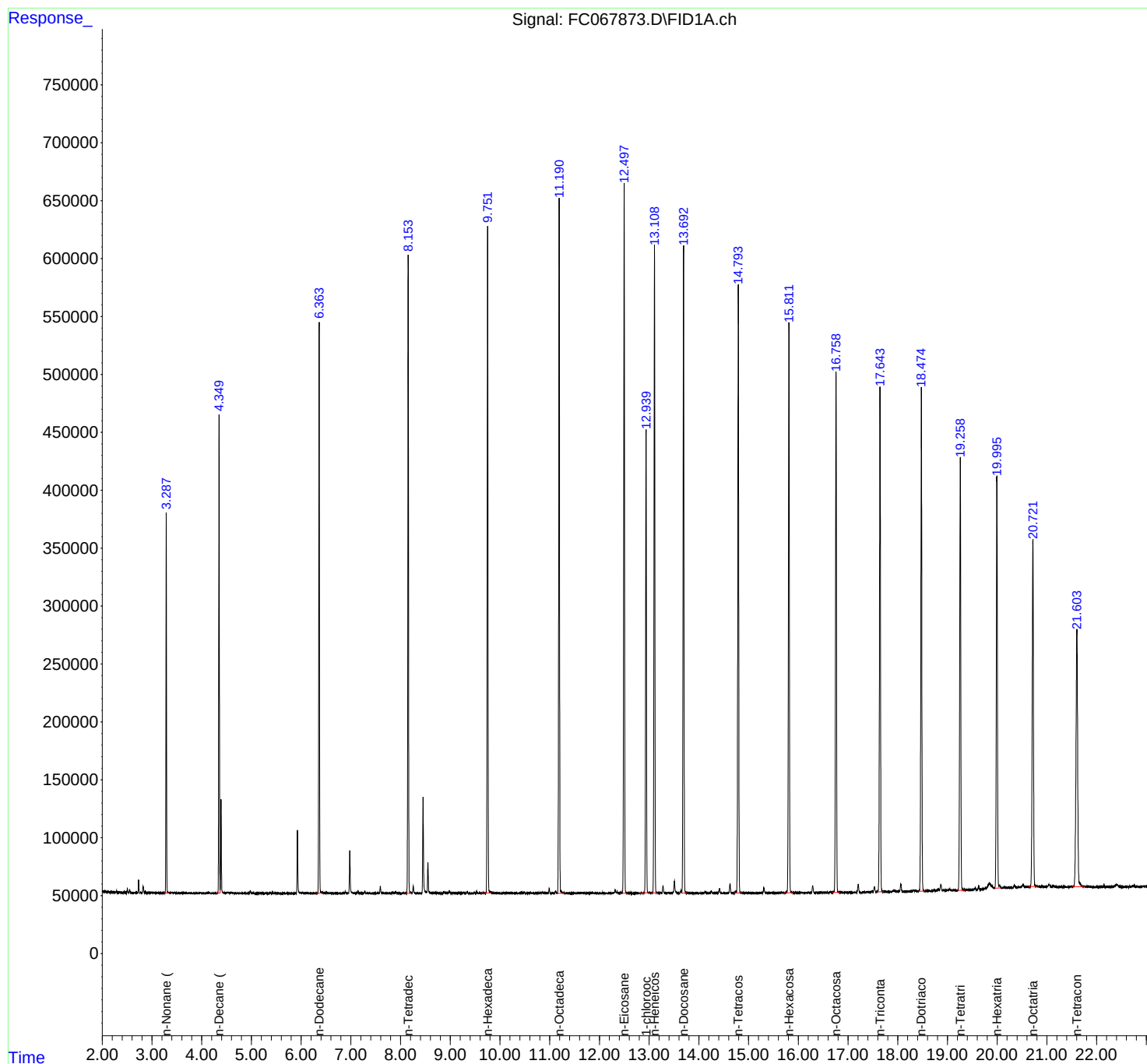
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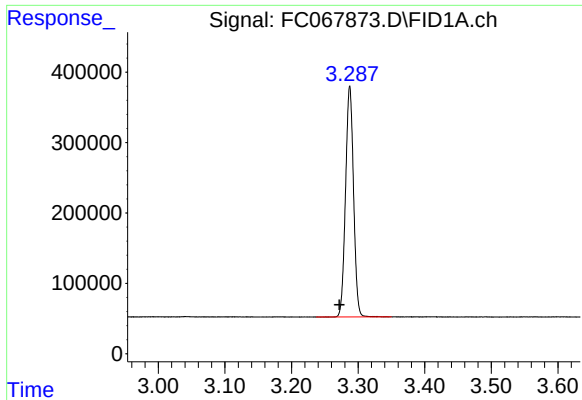
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#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.016 min
Response: 2733876
Conc: 16.76 ug/ml

Instrument :

FID_C

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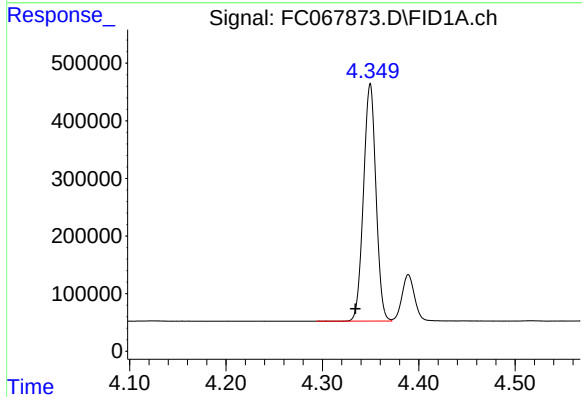
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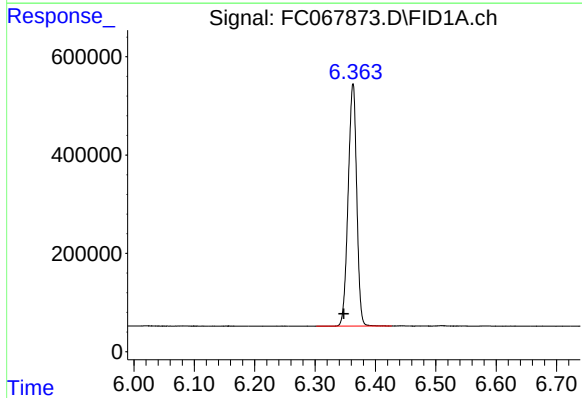
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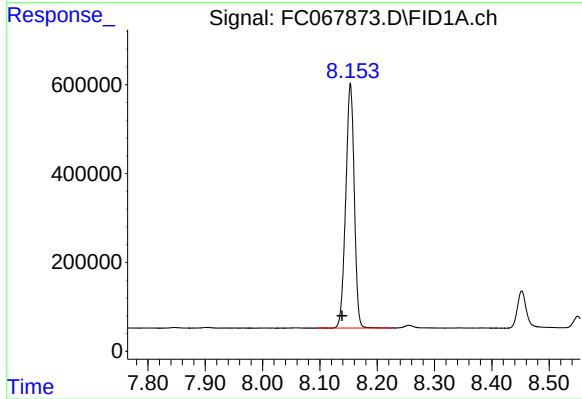
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.015 min
Response: 3722419
Conc: 22.45 ug/ml



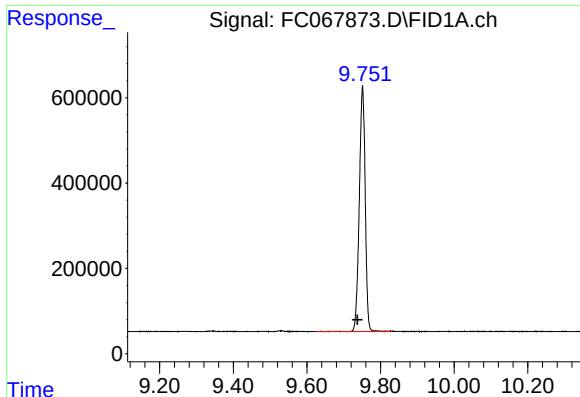
#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.015 min
Response: 4858344
Conc: 28.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.014 min
Response: 5691424
Conc: 33.98 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 6405065
Conc: 36.96 ug/ml

Instrument :

FID_C

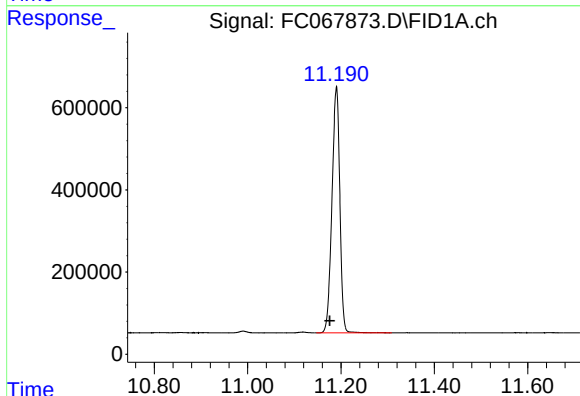
ClientSampleId :

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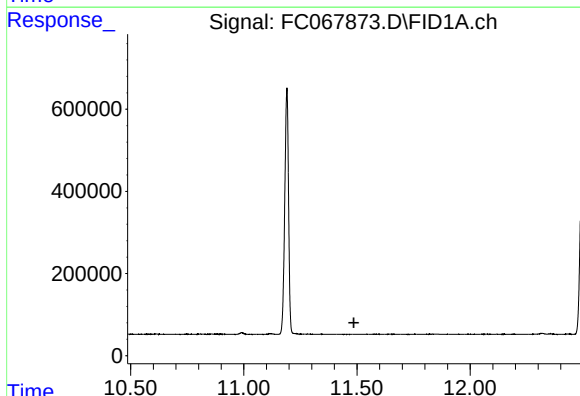
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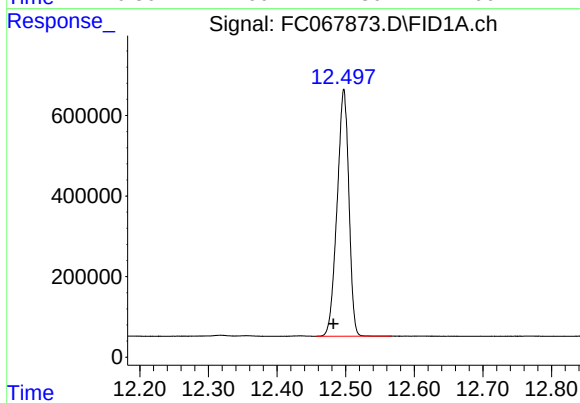
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.014 min
Response: 7005985
Conc: 39.82 ug/ml



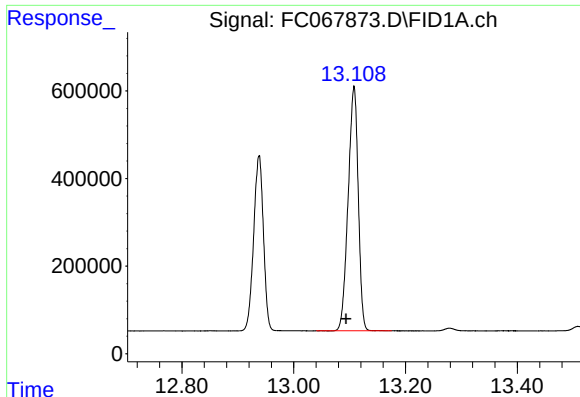
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.015 min
Response: 7304384
Conc: 43.38 ug/ml



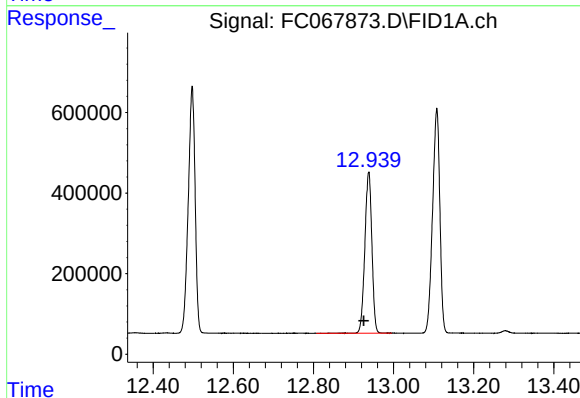
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.014 min
Response: 7007008
Conc: 42.59 ug/ml

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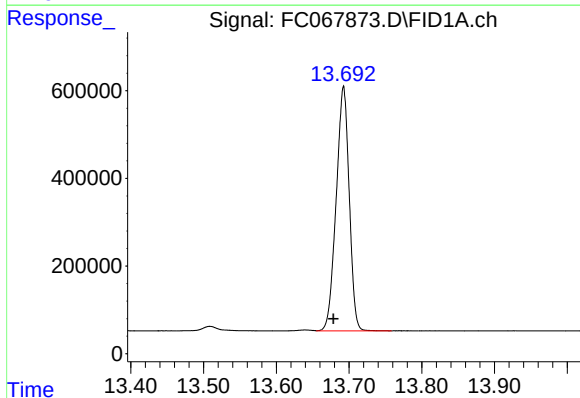
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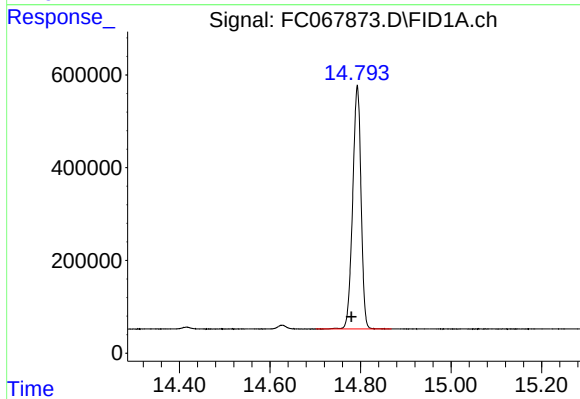
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: 0.012 min
Response: 4856284
Conc: 33.45 ug/ml



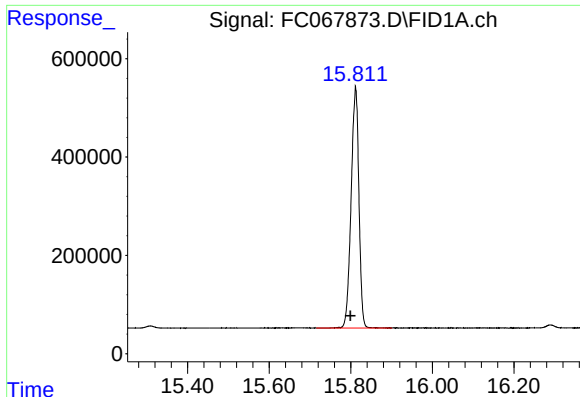
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.014 min
Response: 6938589
Conc: 42.61 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.013 min
Response: 6734059
Conc: 41.99 ug/ml



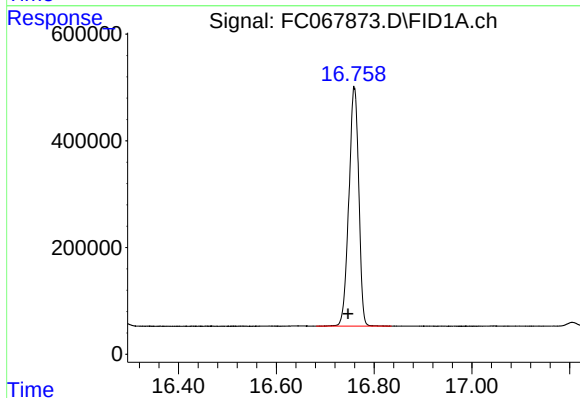
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.012 min
Response: 6483107
Conc: 41.86 ug/ml

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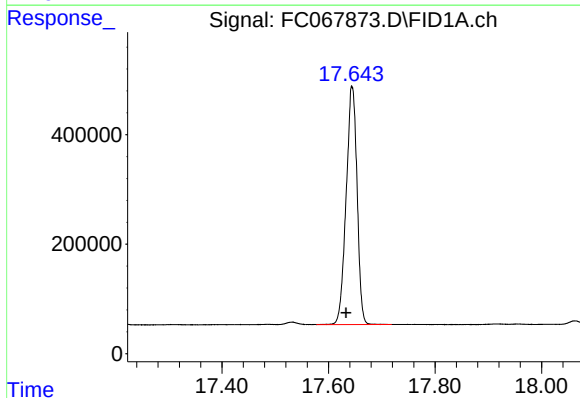
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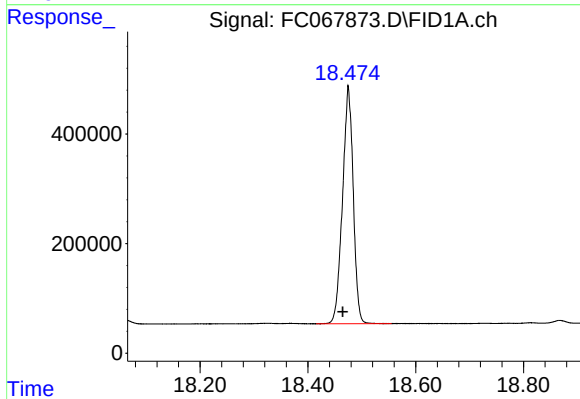
#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: 0.012 min
Response: 6291029
Conc: 41.66 ug/ml m



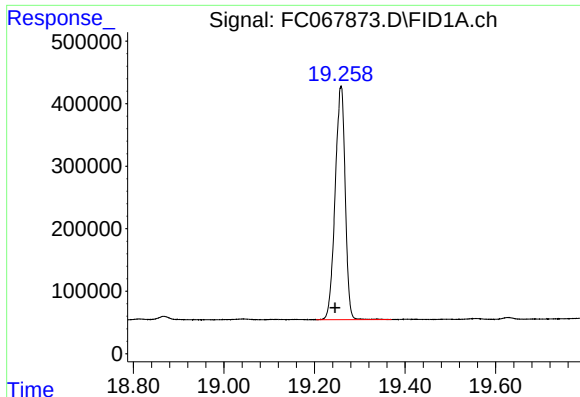
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: 0.011 min
Response: 6182684
Conc: 40.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.010 min
Response: 5981052
Conc: 40.50 ug/ml



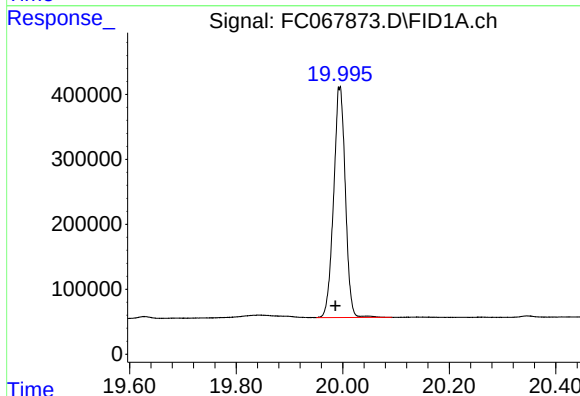
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.013 min
Response: 5756909
Conc: 45.64 ug/ml

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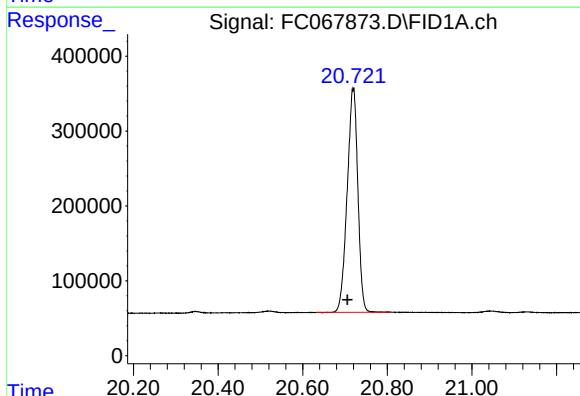
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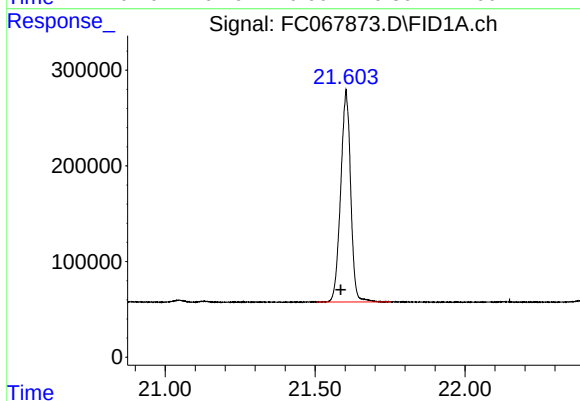
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.008 min
Response: 5429361
Conc: 51.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.014 min
Response: 5237894
Conc: 53.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.018 min
Response: 5123801
Conc: 52.57 ug/ml