

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070324AL\
 Data File : FC066734.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2024 09:08
 Operator : YP/AJ
 Sample : PB161882BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161882BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e
 Quant Time: Jul 04 04:04:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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...	12.963	4480065	32.469 ug/ml
Spiked Amount 50.000		Recovery =	64.94%
Target Compounds			
1) T n-Nonane (C9)	3.288	4023094	27.689 ug/ml
2) T n-Decane (C10)	4.355	5120746	34.330 ug/ml
4) T n-Dodecane (C12)	6.374	5730184	37.809 ug/ml
6) T n-Tetradecane (C14)	8.169	6344596	41.827 ug/ml
7) T n-Hexadecane (C16)	9.771	6979400	43.570 ug/ml
8) T n-Octadecane (C18)	11.212	7514298	45.287 ug/ml
10) T n-Eicosane (C20)	12.522	7829254	48.160 ug/ml
11) T n-Heneicosane (C21)	13.133	7578829	47.037 ug/ml
13) T n-Docosane (C22)	13.719	7485405	46.690 ug/ml
14) T n-Tetracosane (C24)	14.820	7281698	45.881 ug/ml
15) T n-Hexacosane (C26)	15.842	7028661	46.031 ug/ml
16) T n-Octacosane (C28)	16.790	6816593	47.256 ug/ml
17) T n-Tricontane (C30)	17.677	6766131	48.429 ug/ml
18) T n-Dotriacontane (C32)	18.510	6715781	50.888 ug/ml
19) T n-Tetratriacontane (C34)	19.293	6630312	53.611 ug/ml
20) T n-Hexatriacontane (C36)	20.033	6458919	53.592 ug/mlm
21) T n-Octatriacontane (C38)	20.761	6418734	56.133 ug/ml
22) T n-Tetracontane (C40)	21.659	5981831	53.262 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB161882BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

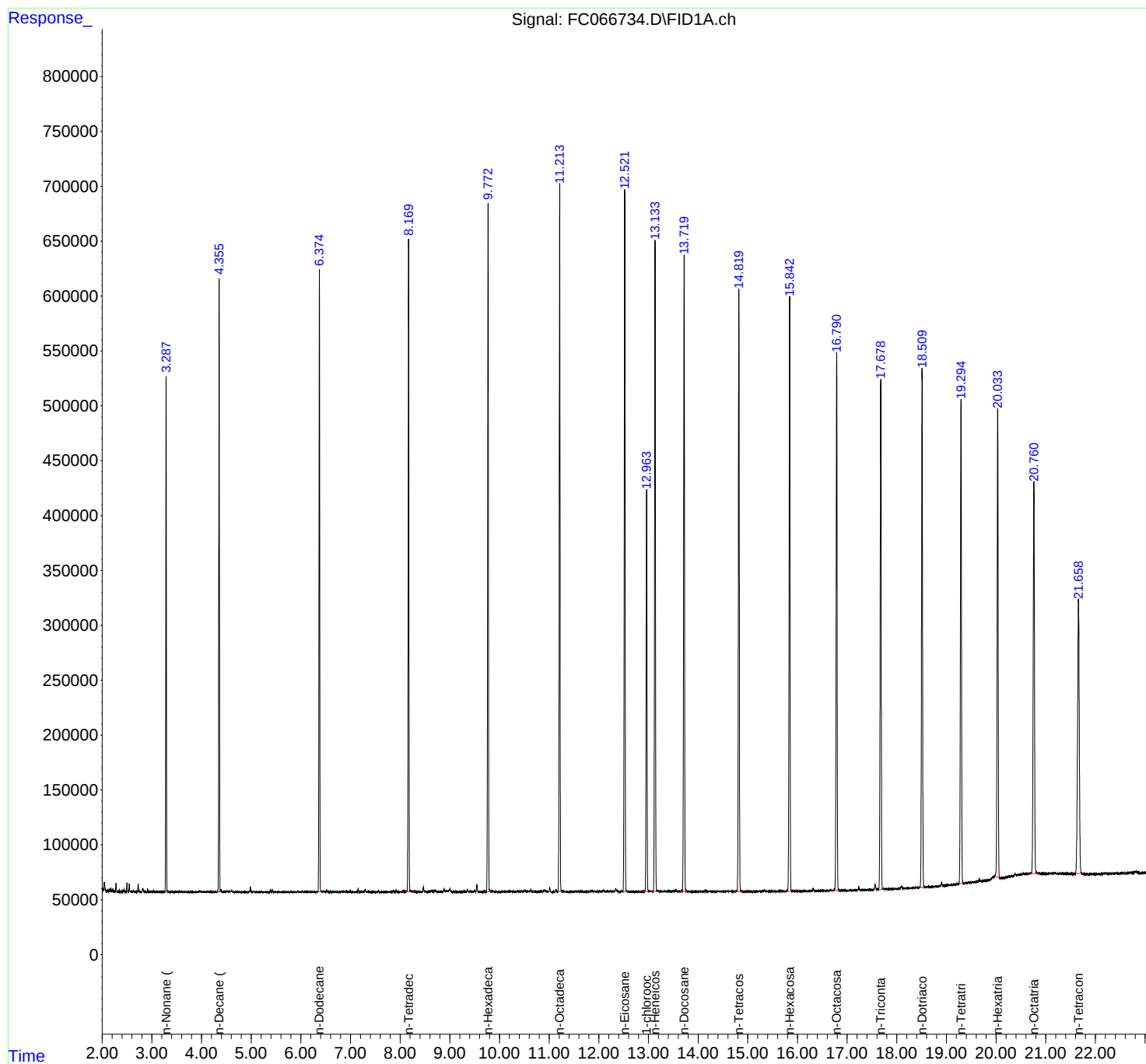
Instrument :
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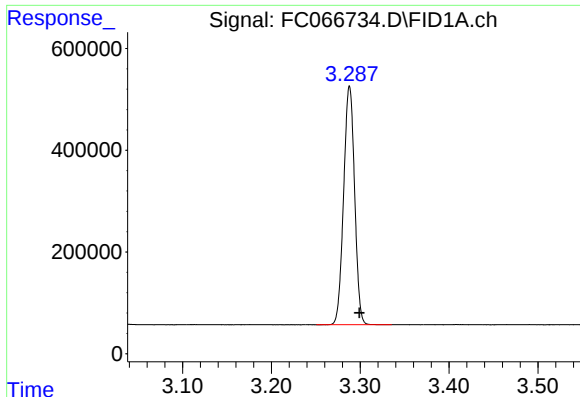
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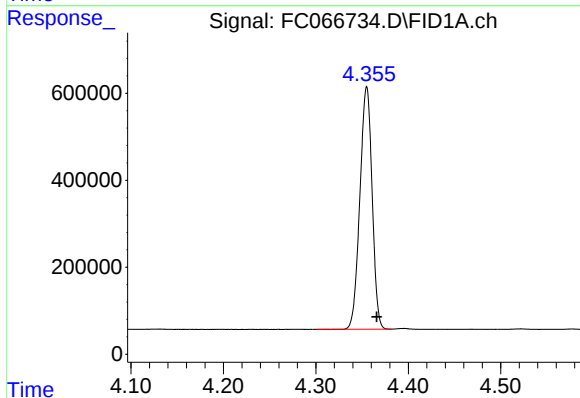
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 4023094
Conc: 27.69 ug/ml

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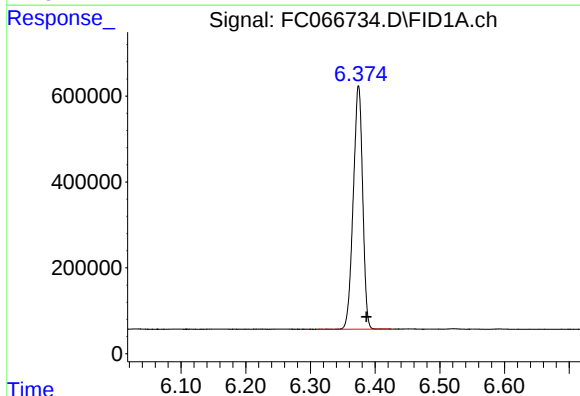
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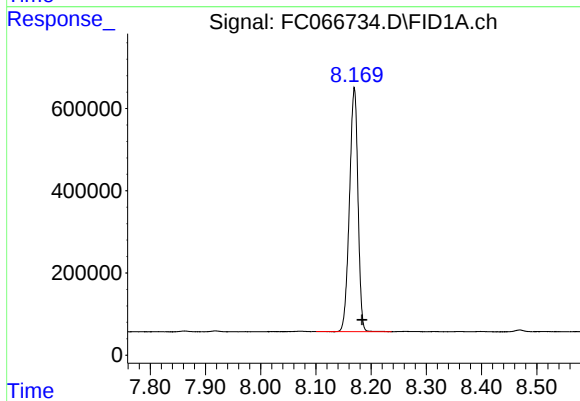
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 5120746
Conc: 34.33 ug/ml



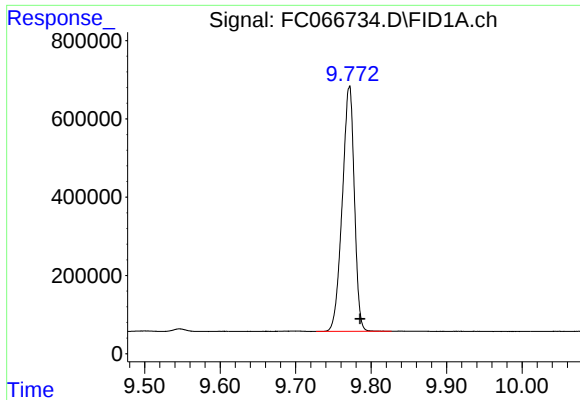
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.012 min
Response: 5730184
Conc: 37.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.014 min
Response: 6344596
Conc: 41.83 ug/ml



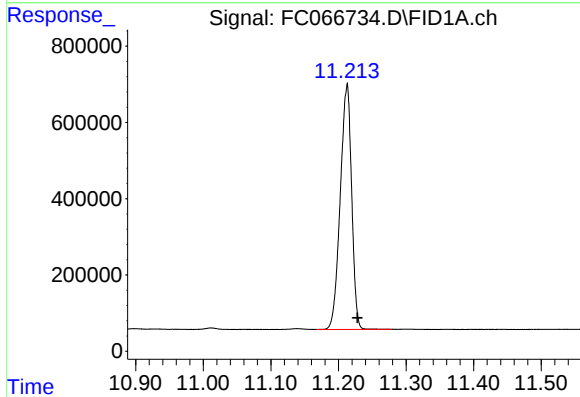
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.014 min
Response: 6979400
Conc: 43.57 ug/ml

Instrument :
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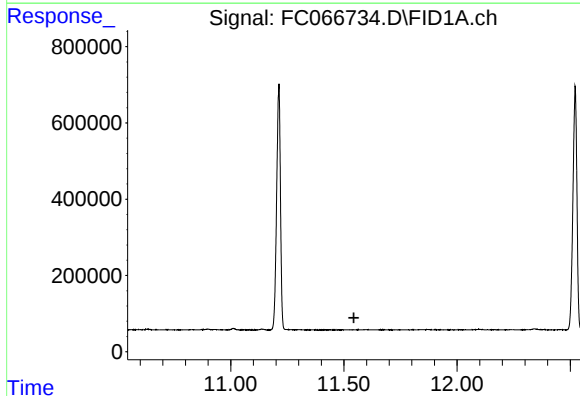
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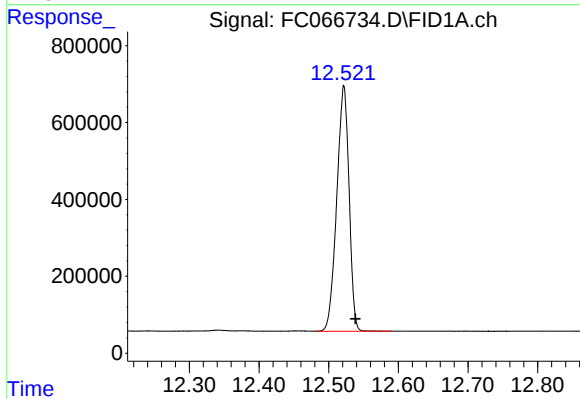
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.016 min
Response: 7514298
Conc: 45.29 ug/ml



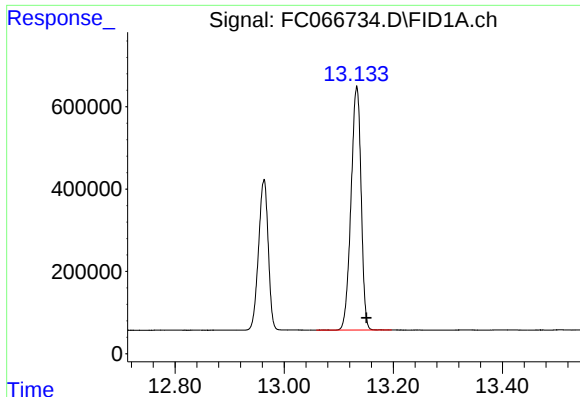
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.017 min
Response: 7829254
Conc: 48.16 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.018 min
Response: 7578829
Conc: 47.04 ug/ml

Instrument :

FID_C

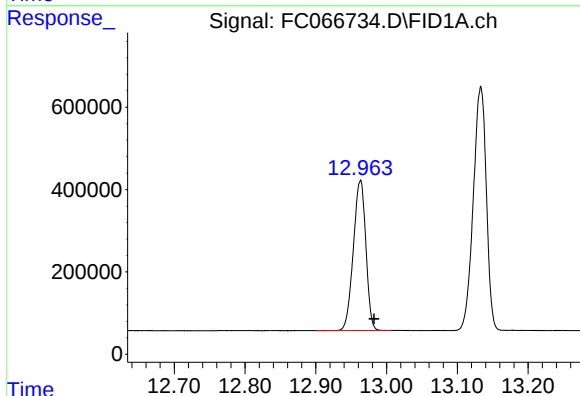
ClientSampleId :

PB161882BSD

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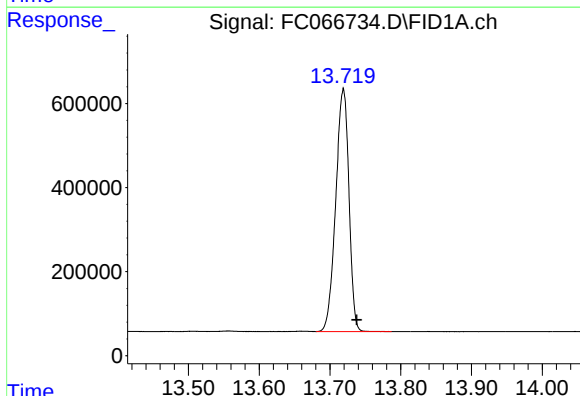
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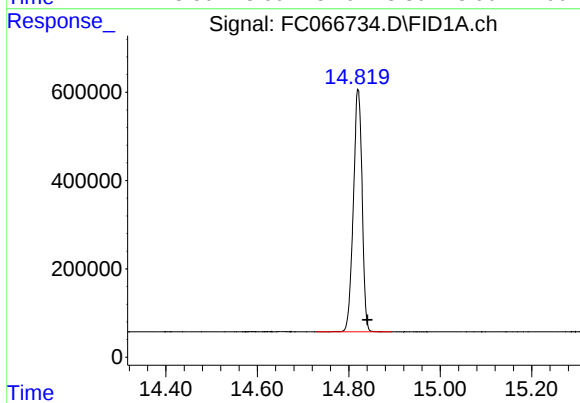
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: -0.020 min
Response: 4480065
Conc: 32.47 ug/ml



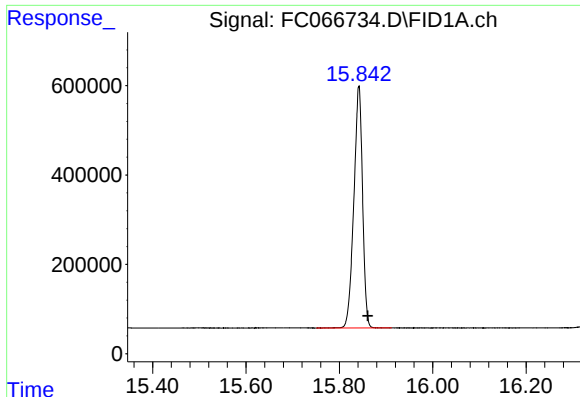
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.019 min
Response: 7485405
Conc: 46.69 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.020 min
Response: 7281698
Conc: 45.88 ug/ml



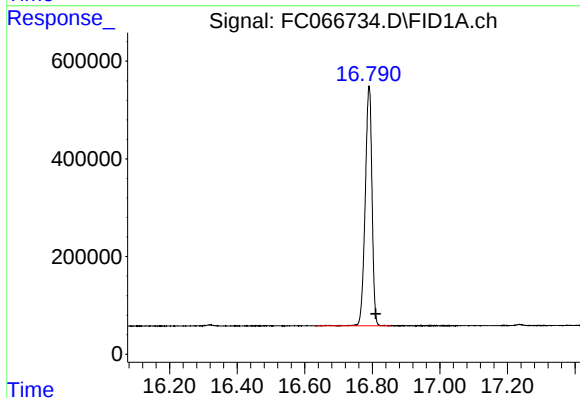
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.019 min
Response: 7028661
Conc: 46.03 ug/ml

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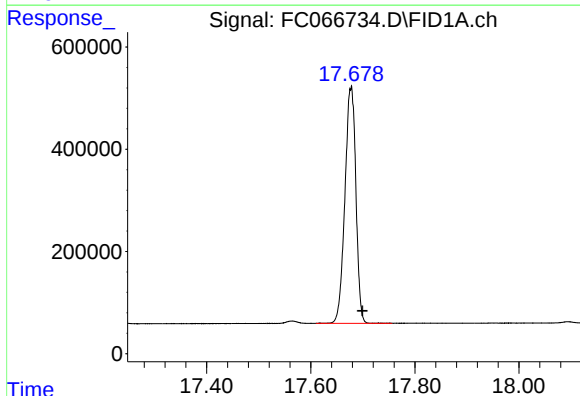
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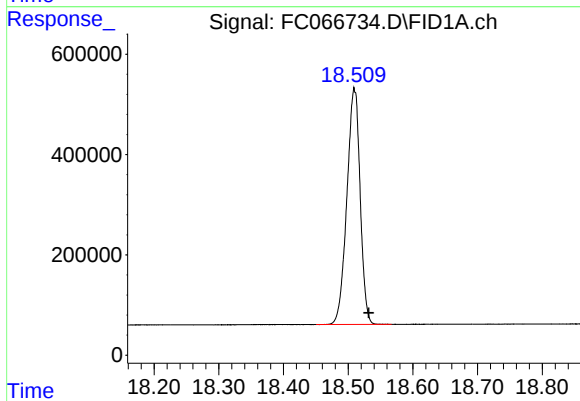
#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: -0.020 min
Response: 6816593
Conc: 47.26 ug/ml



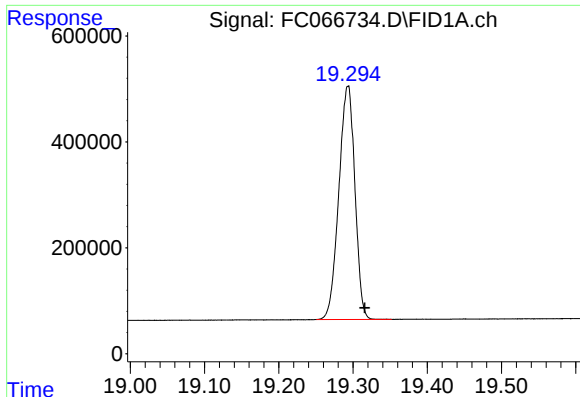
#17 n-Tricontane (C30)

R.T.: 17.677 min
Delta R.T.: -0.022 min
Response: 6766131
Conc: 48.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.022 min
Response: 6715781
Conc: 50.89 ug/ml



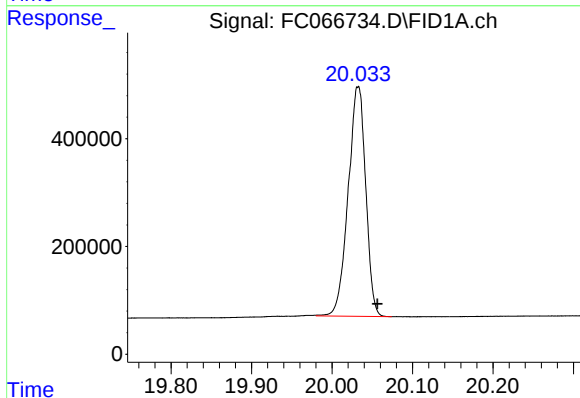
#19 n-Tetratriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.023 min
Response: 6630312
Conc: 53.61 ug/ml

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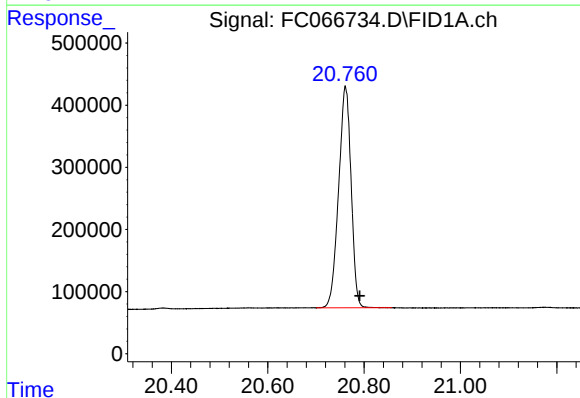
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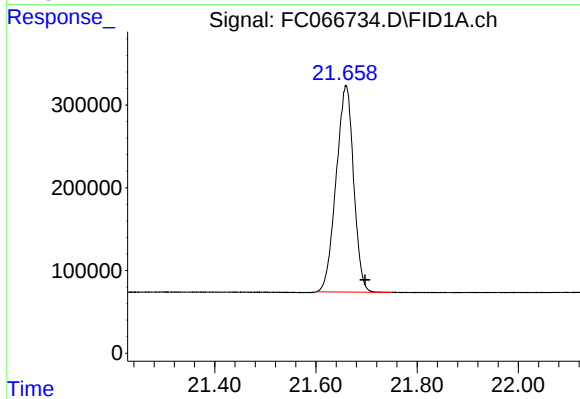
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.023 min
Response: 6458919
Conc: 53.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: -0.030 min
Response: 6418734
Conc: 56.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: -0.038 min
Response: 5981831
Conc: 53.26 ug/ml