

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112223AL\
 Data File : FC065284.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2023 21:04
 Operator : YP/AJ
 Sample : 05451-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-SOIL-EPH-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e
 Quant Time: Nov 22 22:47:23 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...	12.941	4786775	30.280 ug/ml
Spiked Amount 50.000		Recovery =	60.56%
Target Compounds			
1) T n-Nonane (C9)	3.306	4378103	23.157 ug/ml
2) T n-Decane (C10)	4.366	5378392	28.286 ug/ml
4) T n-Dodecane (C12)	6.378	6284568	32.533 ug/ml
6) T n-Tetradecane (C14)	8.167	6565827	34.797 ug/ml
7) T n-Hexadecane (C16)	9.761	6965599	36.850 ug/ml
8) T n-Octadecane (C18)	11.196	7479267	39.630 ug/ml
10) T n-Eicosane (C20)	12.499	7531611	41.893 ug/ml
11) T n-Heneicosane (C21)	13.108	7161971	40.793 ug/ml
13) T n-Docosane (C22)	13.692	7052791	41.059 ug/ml
14) T n-Tetracosane (C24)	14.789	6775778	40.682 ug/ml
15) T n-Hexacosane (C26)	15.806	6535257	40.716 ug/ml
16) T n-Octacosane (C28)	16.751	6286267	40.168 ug/ml
17) T n-Tricontane (C30)	17.635	6206931	39.187 ug/ml
18) T n-Dotriacontane (C32)	18.463	6066258	38.420 ug/ml
19) T n-Tetratriacontane (C34)	19.244	5926657	38.828 ug/ml
20) T n-Hexatriacontane (C36)	19.980	5661159	37.521 ug/ml
21) T n-Octatriacontane (C38)	20.700	5532023	37.174 ug/ml
22) T n-Tetracontane (C40)	21.576	5400593	36.719 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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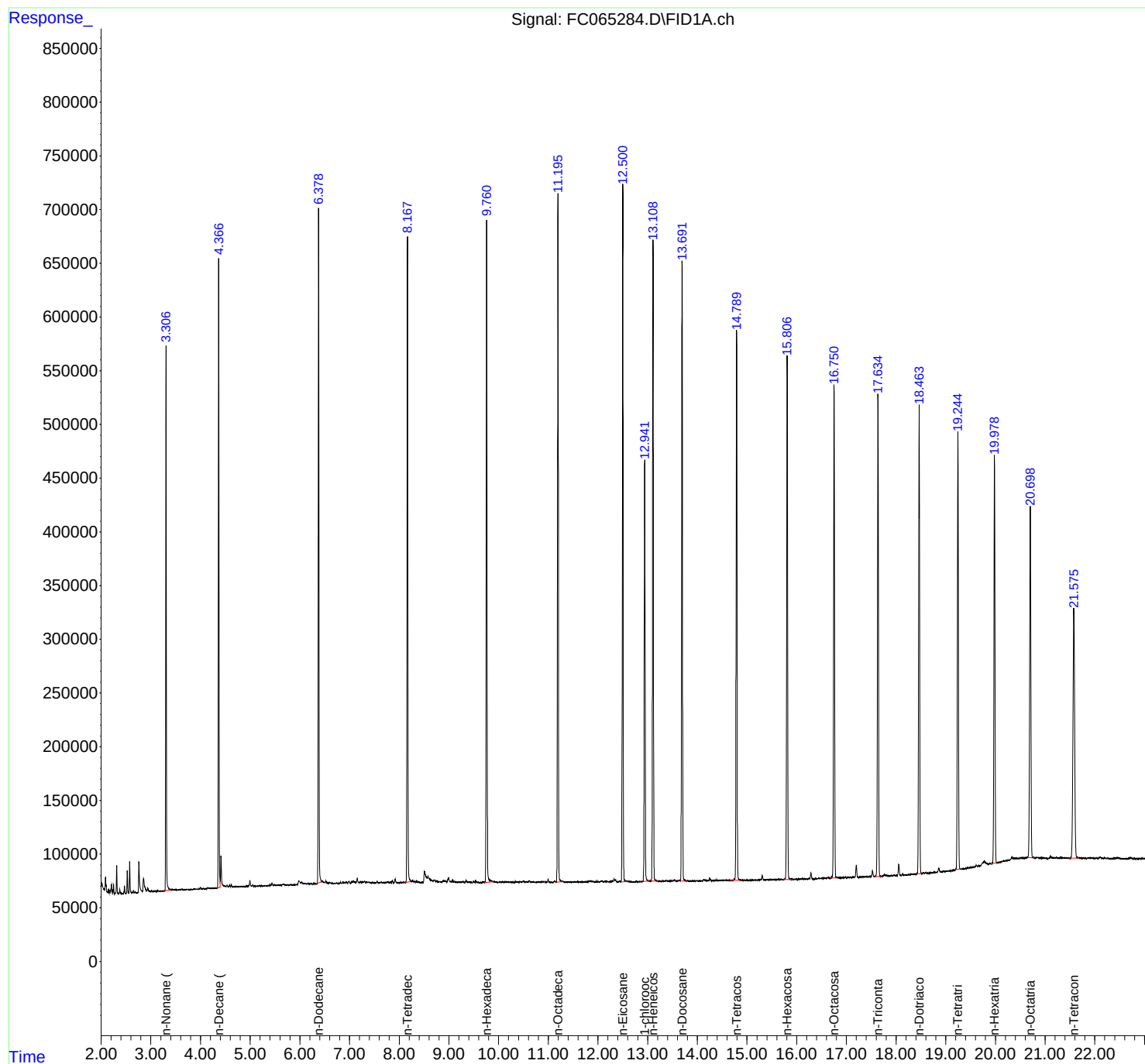
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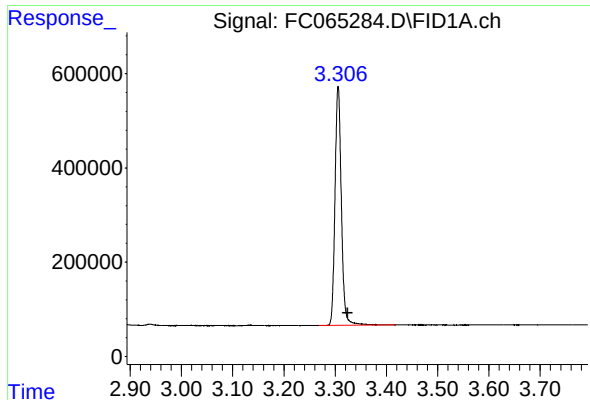
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#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 4378103
Conc: 23.16 ug/ml

Instrument :

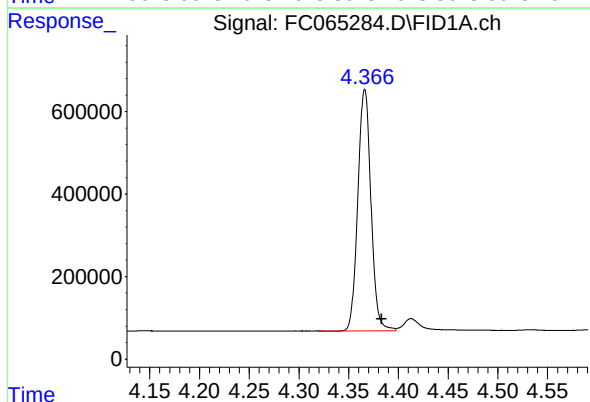
FID_C

ClientSampleId :

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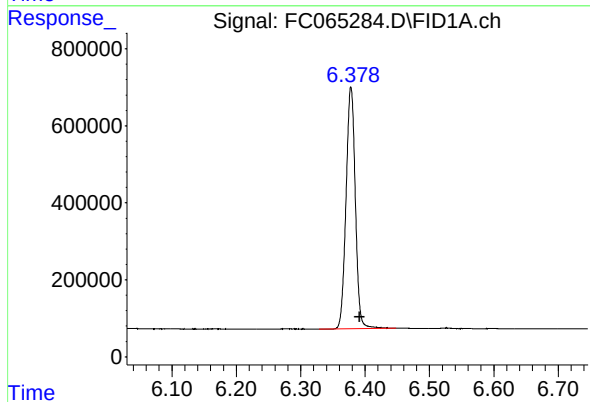
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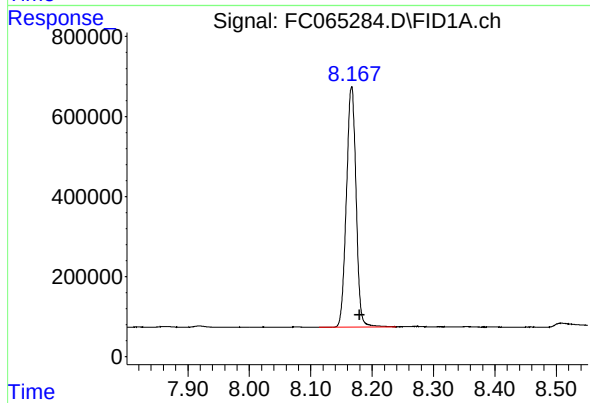
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.017 min
Response: 5378392
Conc: 28.29 ug/ml



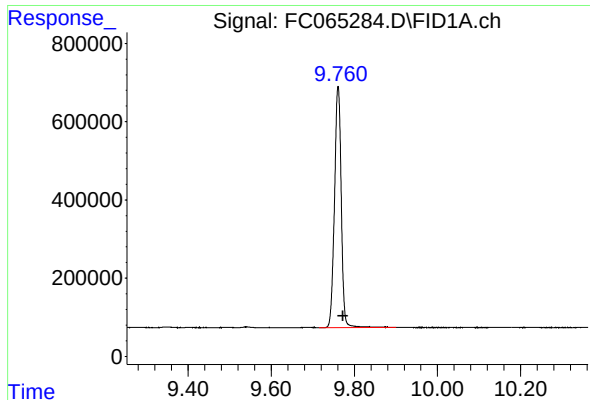
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 6284568
Conc: 32.53 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 6565827
Conc: 34.80 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 6965599
Conc: 36.85 ug/ml

Instrument :

FID_C

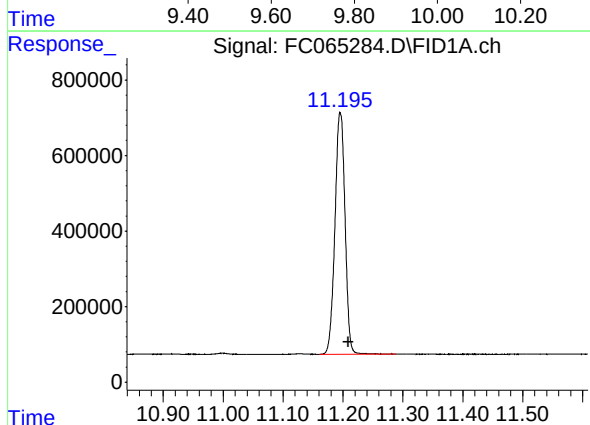
ClientSampleId :

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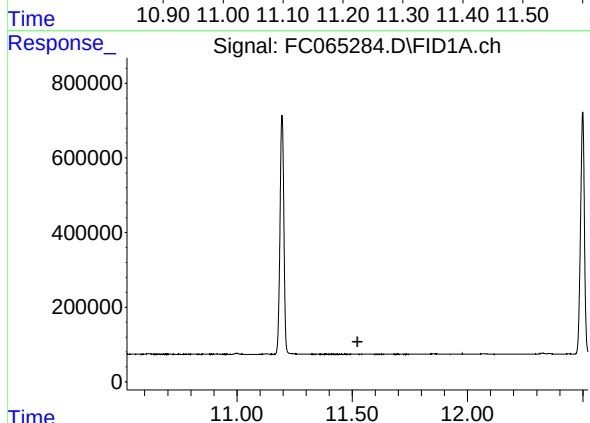
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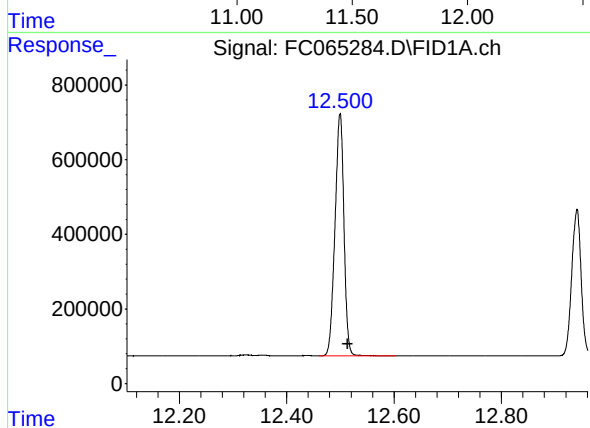
#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.013 min
Response: 7479267
Conc: 39.63 ug/ml



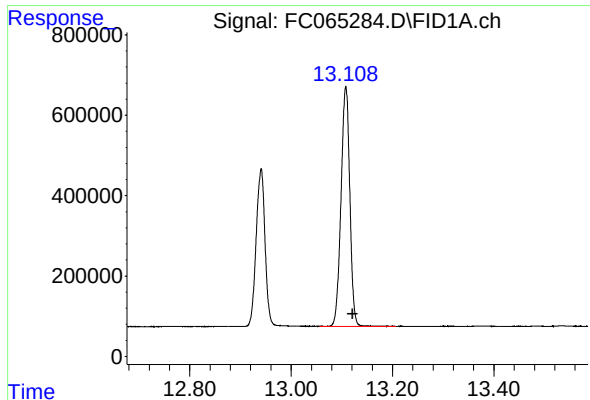
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 7531611
Conc: 41.89 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 7161971
Conc: 40.79 ug/ml

Instrument :

FID_C

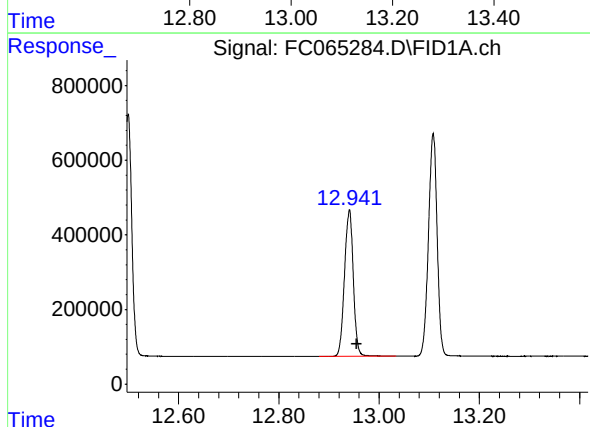
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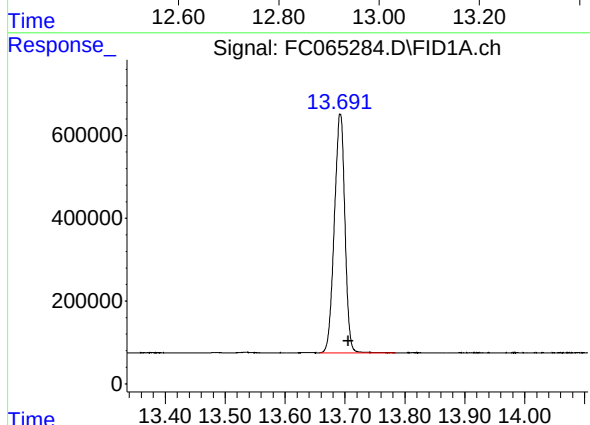
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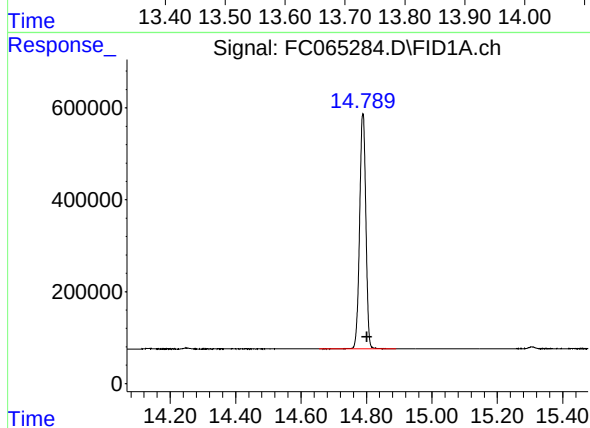
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 4786775
Conc: 30.28 ug/ml



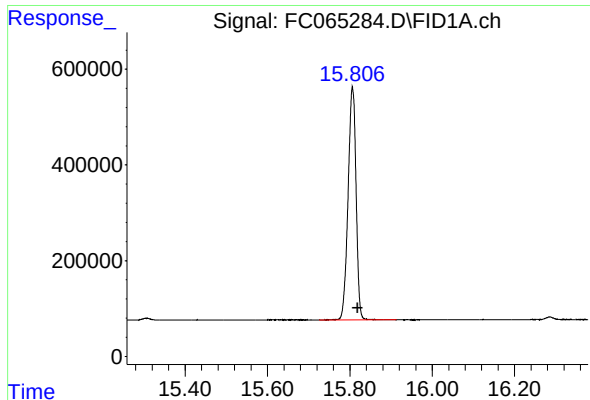
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.013 min
Response: 7052791
Conc: 41.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 6775778
Conc: 40.68 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.012 min
Response: 6535257
Conc: 40.72 ug/ml

Instrument :

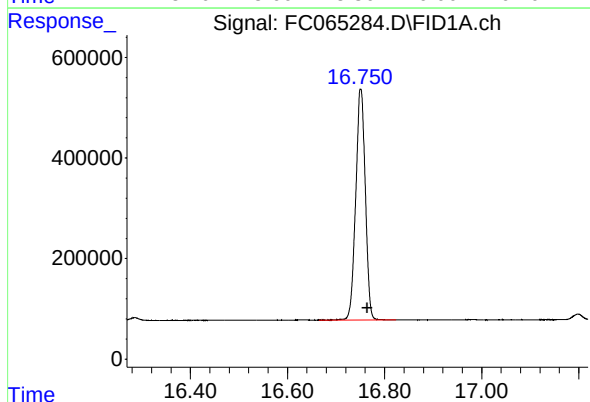
FID_C

ClientSampleId :

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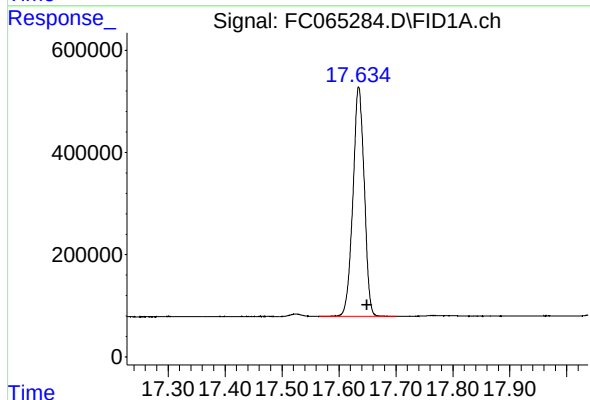
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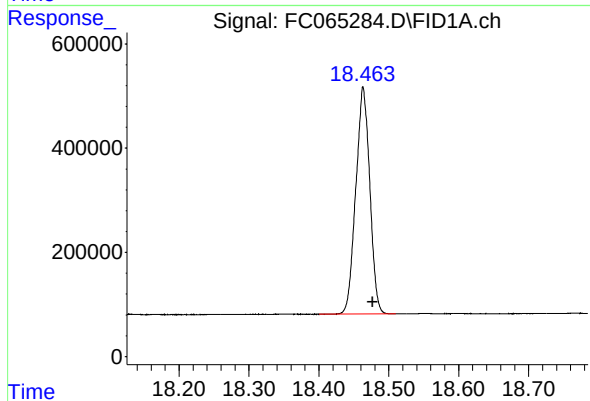
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.014 min
Response: 6286267
Conc: 40.17 ug/ml



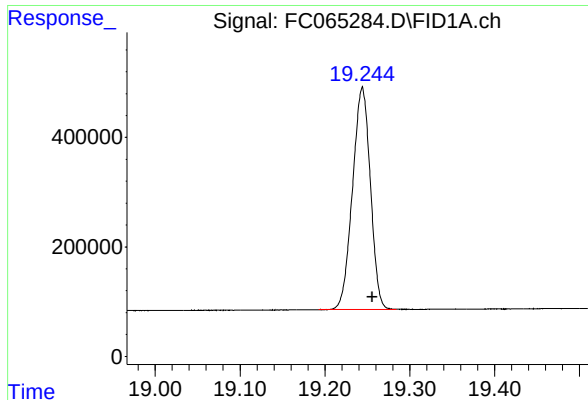
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.015 min
Response: 6206931
Conc: 39.19 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.013 min
Response: 6066258
Conc: 38.42 ug/ml



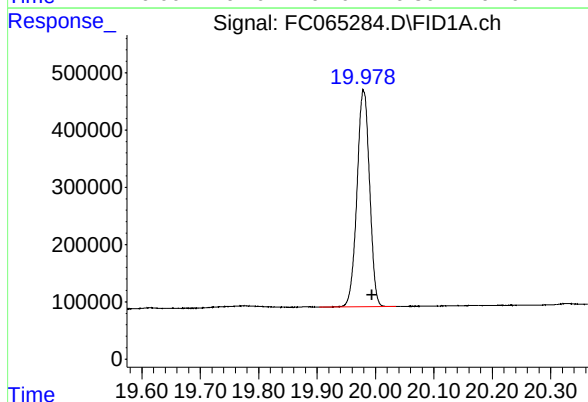
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 5926657
Conc: 38.83 ug/ml

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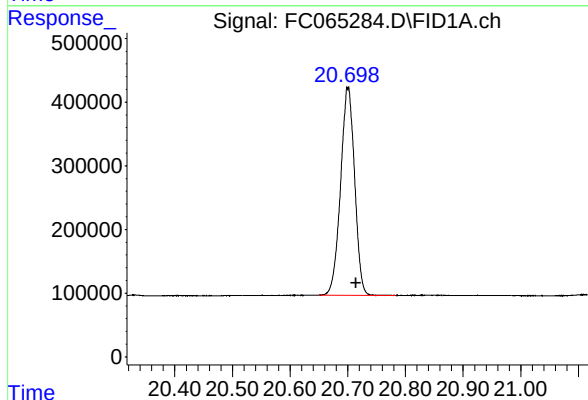
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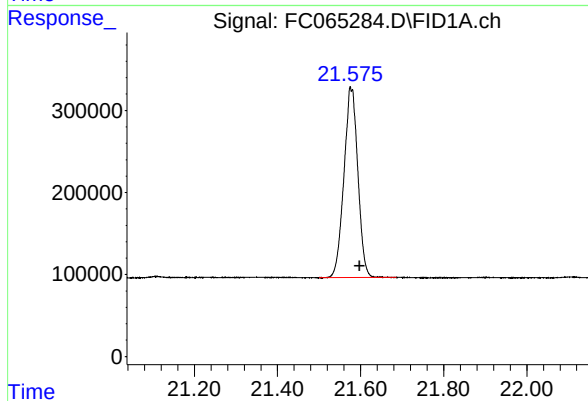
#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 5661159
Conc: 37.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 5532023
Conc: 37.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.022 min
Response: 5400593
Conc: 36.72 ug/ml