

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063658.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 11:16
 Operator : YP/AJ
 Sample : 02837-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/22/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e
 Quant Time: May 20 12:06:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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...	13.013f	9035080	68.998 ug/mlm
Spiked Amount 50.000		Recovery =	138.00%
Target Compounds			
1) T n-Nonane (C9)	3.307	6827860	42.647 ug/ml
2) T n-Decane (C10)	4.377	11264745	69.615 ug/mlm
4) T n-Dodecane (C12)	6.420	10883122	66.856 ug/mlm
6) T n-Tetradecane (C14)	8.235f	10984322	69.551 ug/mlm
7) T n-Hexadecane (C16)	9.797	14304409	89.165 ug/mlm
8) T n-Octadecane (C18)	11.284f	14227289	88.832 ug/mlm
10) T n-Eicosane (C20)	12.582f	12521239	82.532 ug/mlm
11) T n-Heneicosane (C21)	13.179f	8155133	55.649 ug/mlm
13) T n-Docosane (C22)	13.756	8094800	56.097 ug/mlm
14) T n-Tetracosane (C24)	14.834	7301024	51.904 ug/mlm
15) T n-Hexacosane (C26)	15.844	6760237	49.501 ug/mlm
16) T n-Octacosane (C28)	16.786	6808661	51.476 ug/ml
17) T n-Tricontane (C30)	17.670	6691970	49.769 ug/ml
18) T n-Dotriacontane (C32)	18.499	6585393	49.321 ug/ml
19) T n-Tetratriacontane (C34)	19.279	6592409	50.785 ug/ml
20) T n-Hexatriacontane (C36)	20.015	6410269	51.763 ug/ml
21) T n-Octatriacontane (C38)	20.742	6461004	51.706 ug/ml
22) T n-Tetracontane (C40)	21.635	6472362	52.651 ug/ml

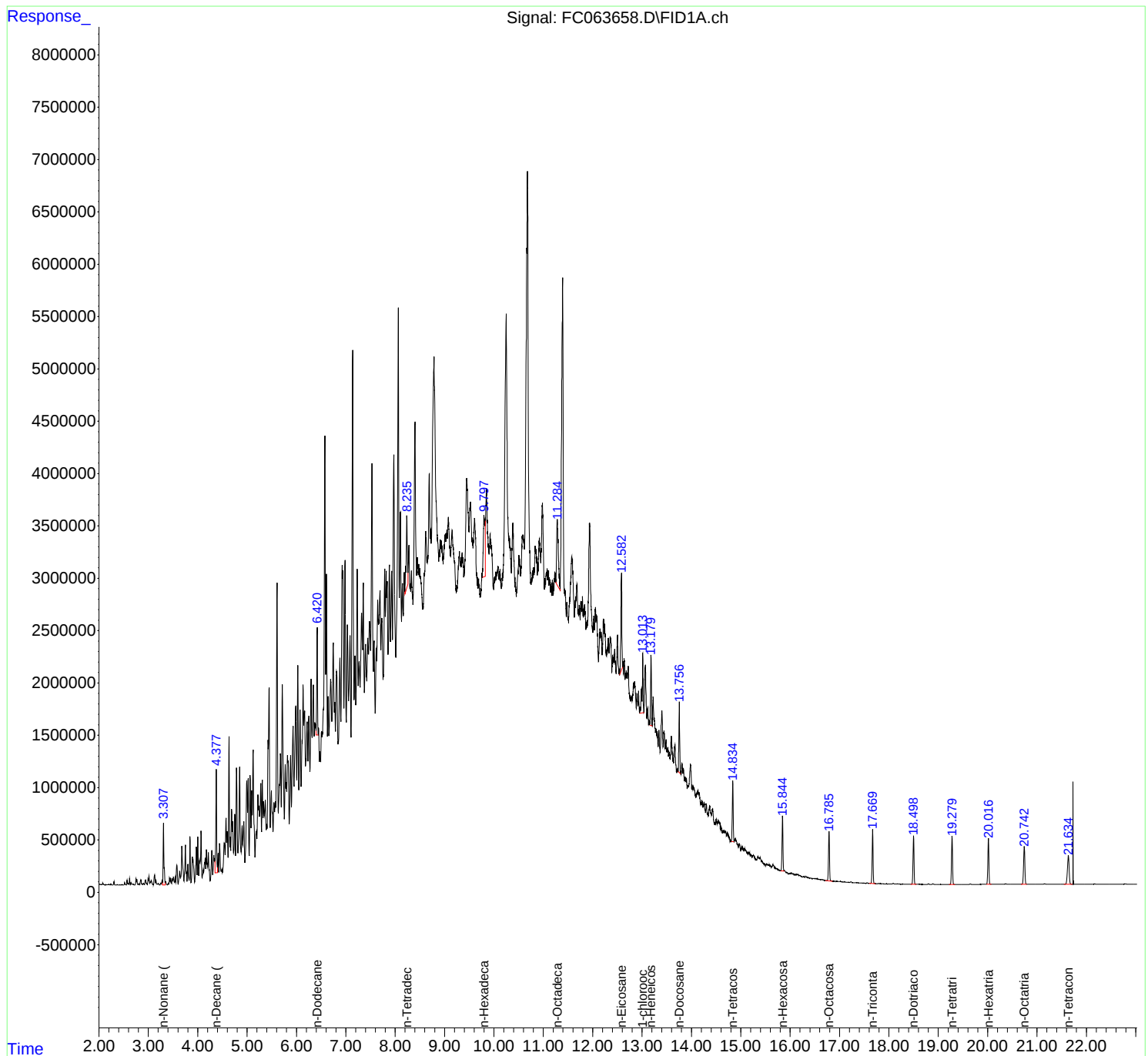
(f)=RT Delta > 1/2 Window

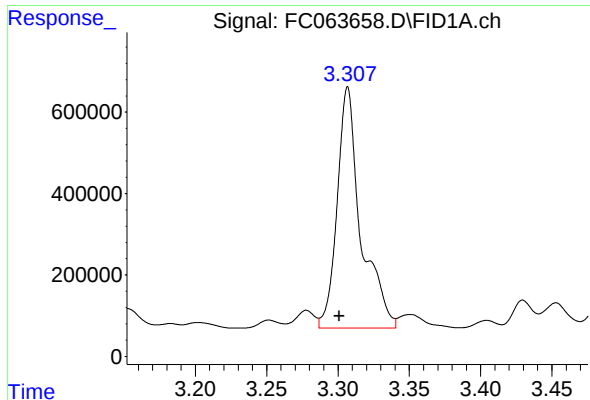
(m)=manual int.

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Signal Info : 20M x 0.18mm x 0.18um





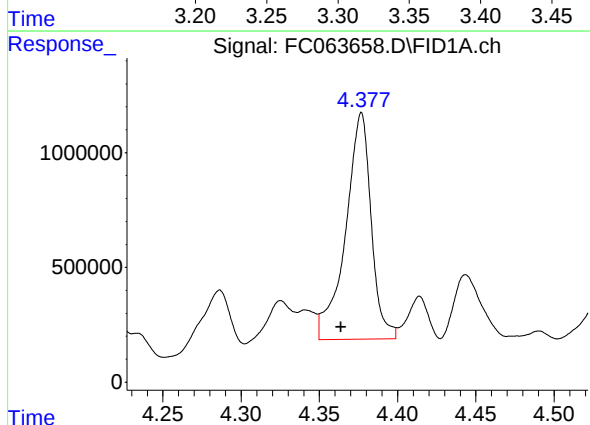
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: 0.006 min
Response: 6827860
Conc: 42.65 ug/ml

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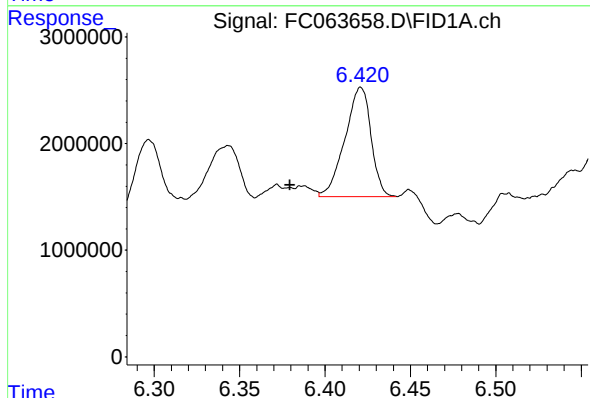
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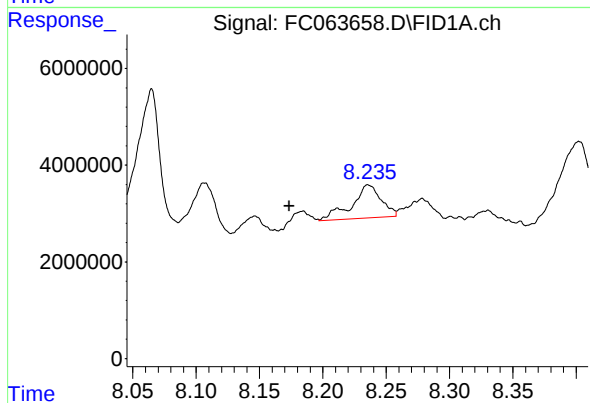
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.013 min
Response: 11264745
Conc: 69.62 ug/ml



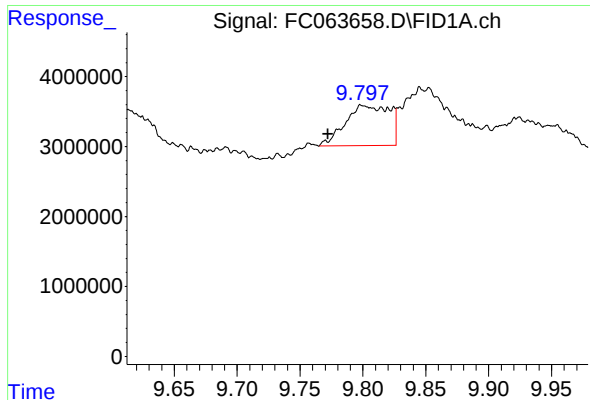
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: 0.041 min
Response: 10883122
Conc: 66.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.061 min
Response: 10984322
Conc: 69.55 ug/ml



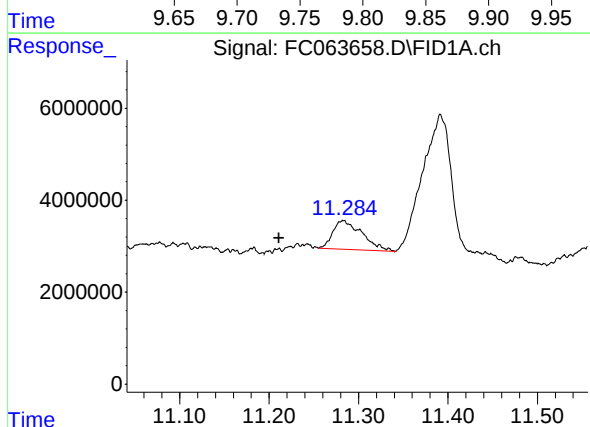
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.025 min
Response: 14304409
Conc: 89.16 ug/ml

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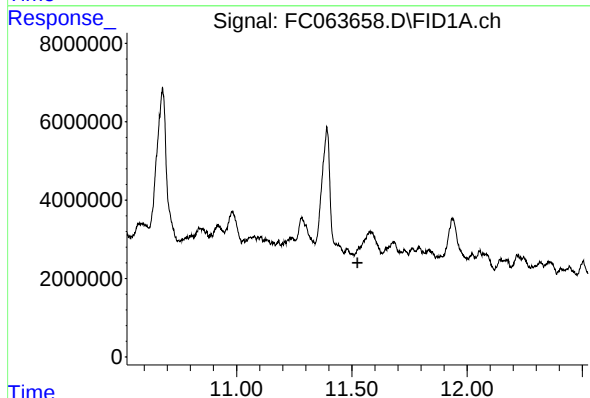
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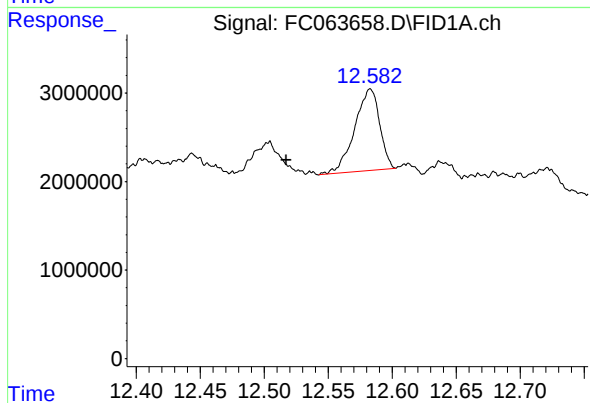
#8 n-Octadecane (C18)

R.T.: 11.284 min
Delta R.T.: 0.073 min
Response: 14227289
Conc: 88.83 ug/ml



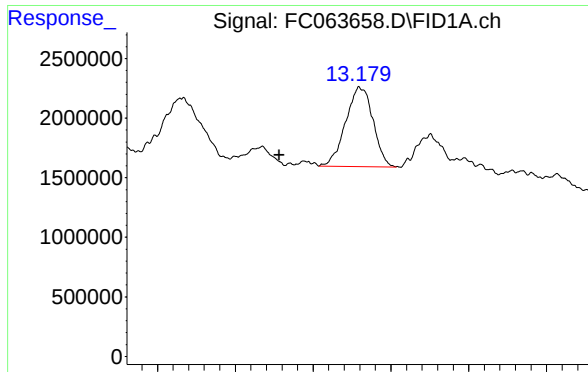
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.524 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: 0.065 min
Response: 12521239
Conc: 82.53 ug/ml



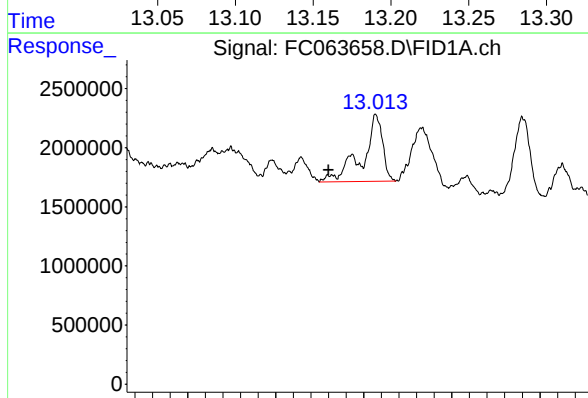
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.051 min
Response: 8155133
Conc: 55.65 ug/ml

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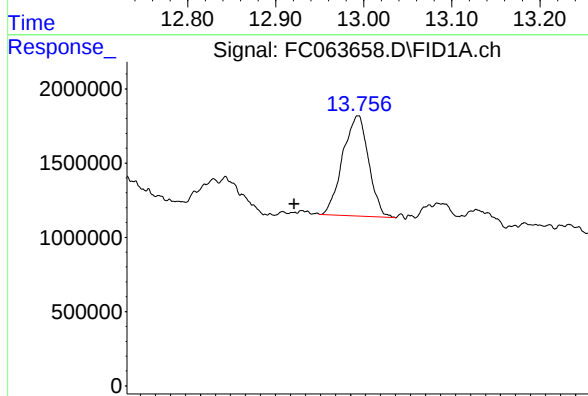
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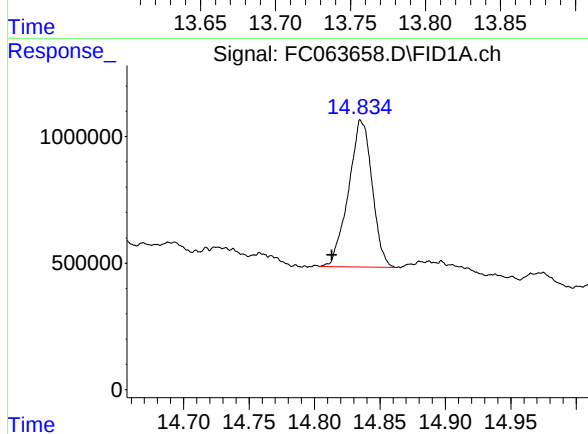
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.053 min
Response: 9035080
Conc: 69.00 ug/ml m



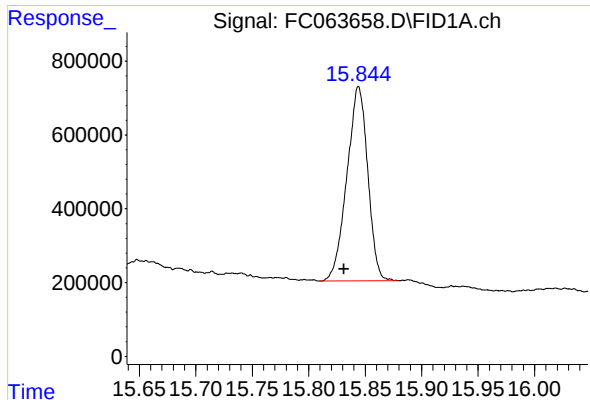
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: 0.043 min
Response: 8094800
Conc: 56.10 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.021 min
Response: 7301024
Conc: 51.90 ug/ml m



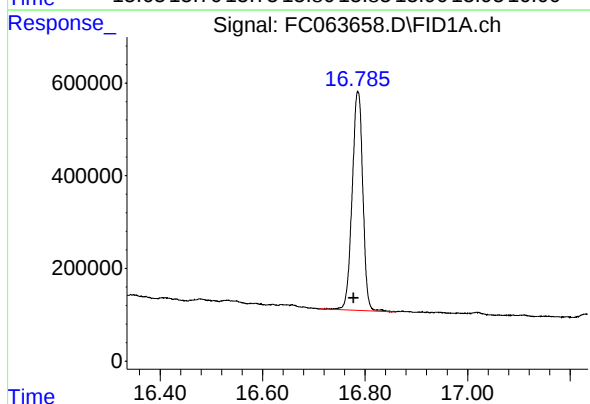
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.013 min
Response: 6760237
Conc: 49.50 ug/ml

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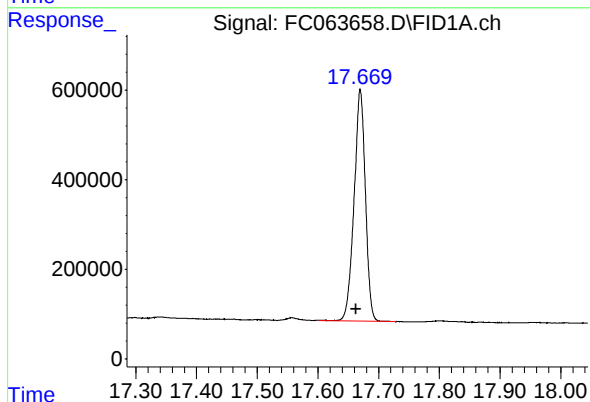
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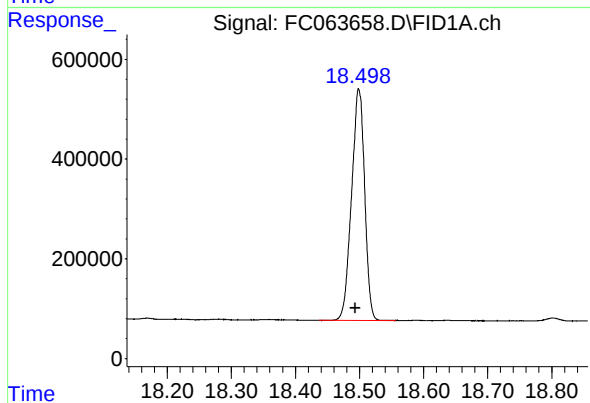
#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: 0.008 min
Response: 6808661
Conc: 51.48 ug/ml



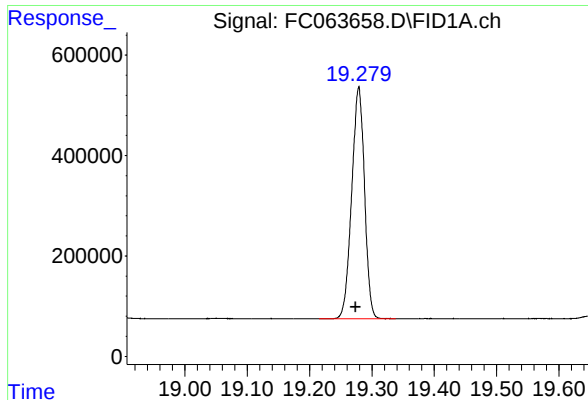
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: 0.007 min
Response: 6691970
Conc: 49.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.005 min
Response: 6585393
Conc: 49.32 ug/ml



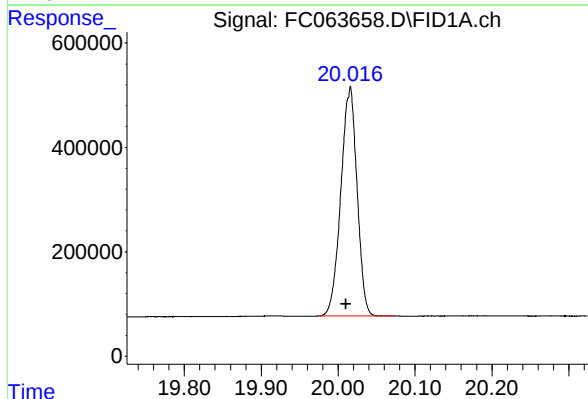
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.005 min
Response: 6592409
Conc: 50.79 ug/ml

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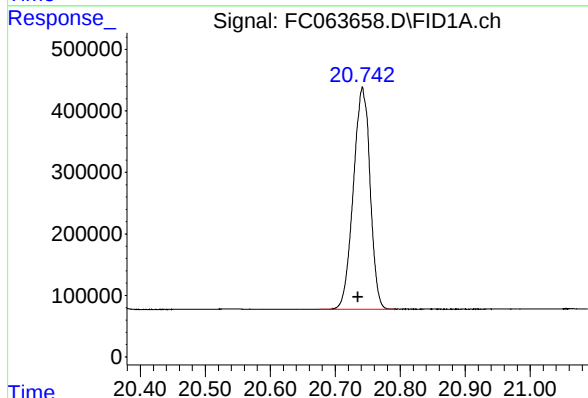
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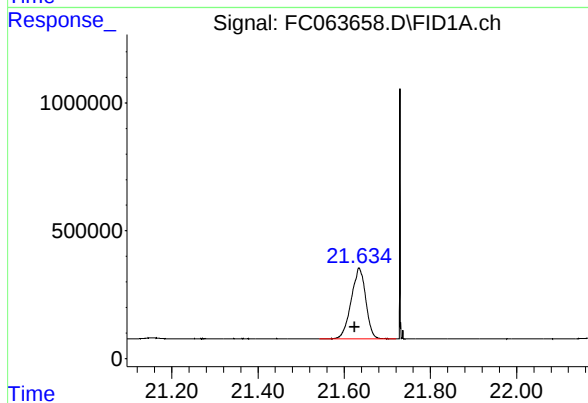
#20 n-Hexatriacontane (C36)

R.T.: 20.015 min
Delta R.T.: 0.005 min
Response: 6410269
Conc: 51.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.007 min
Response: 6461004
Conc: 51.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: 0.011 min
Response: 6472362
Conc: 52.65 ug/ml