

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC064994.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 15:13
 Operator : YP/AJ
 Sample : PB156878BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB156878BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 00:26:16 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			
9) S ortho-Terphenyl (SURR)	11.510	9145005	41.552 ug/ml
Spiked Amount 50.000		Recovery =	83.10%
12) S 1-chlorooctadecane (S...	12.941	7026314	44.447 ug/ml
Spiked Amount 50.000		Recovery =	88.89%
Target Compounds			
1) T n-Nonane (C9)	3.333	8135577	43.031 ug/ml
2) T n-Decane (C10)	4.381	8476276	44.578 ug/ml
3) T A~Naphthalene (C11.7)	5.953	9422566	48.803 ug/ml
4) T n-Dodecane (C12)	6.382	8827819	45.699 ug/ml
5) T A~2-methylnaphthalene...	7.004	8995007	48.949 ug/ml
6) T n-Tetradecane (C14)	8.169	8826484	46.778 ug/ml
7) T n-Hexadecane (C16)	9.761	8680104	45.921 ug/ml
8) T n-Octadecane (C18)	11.196	8522221	45.156 ug/ml
10) T n-Eicosane (C20)	12.499	8223027	45.739 ug/ml
11) T n-Heneicosane (C21)	13.108	7690315	43.802 ug/ml
13) T n-Docosane (C22)	13.692	7468234	43.478 ug/ml
14) T n-Tetracosane (C24)	14.782	14215383	85.349 ug/ml
15) T n-Hexacosane (C26)	15.806	6695570	41.715 ug/ml
16) T n-Octacosane (C28)	16.751	6791082	43.393 ug/ml
17) T n-Tricontane (C30)	17.636	6314496	39.866 ug/ml
18) T n-Dotriacontane (C32)	18.464	6047071	38.298 ug/ml
19) T n-Tetratriacontane (C34)	19.243	5489824	35.966 ug/ml
20) T n-Hexatriacontane (C36)	19.978	4226480	28.012 ug/mlm
21) T n-Octatriacontane (C38)	20.697	2961660	19.902 ug/ml
22) T n-Tetracontane (C40)	21.574	2007366	13.648 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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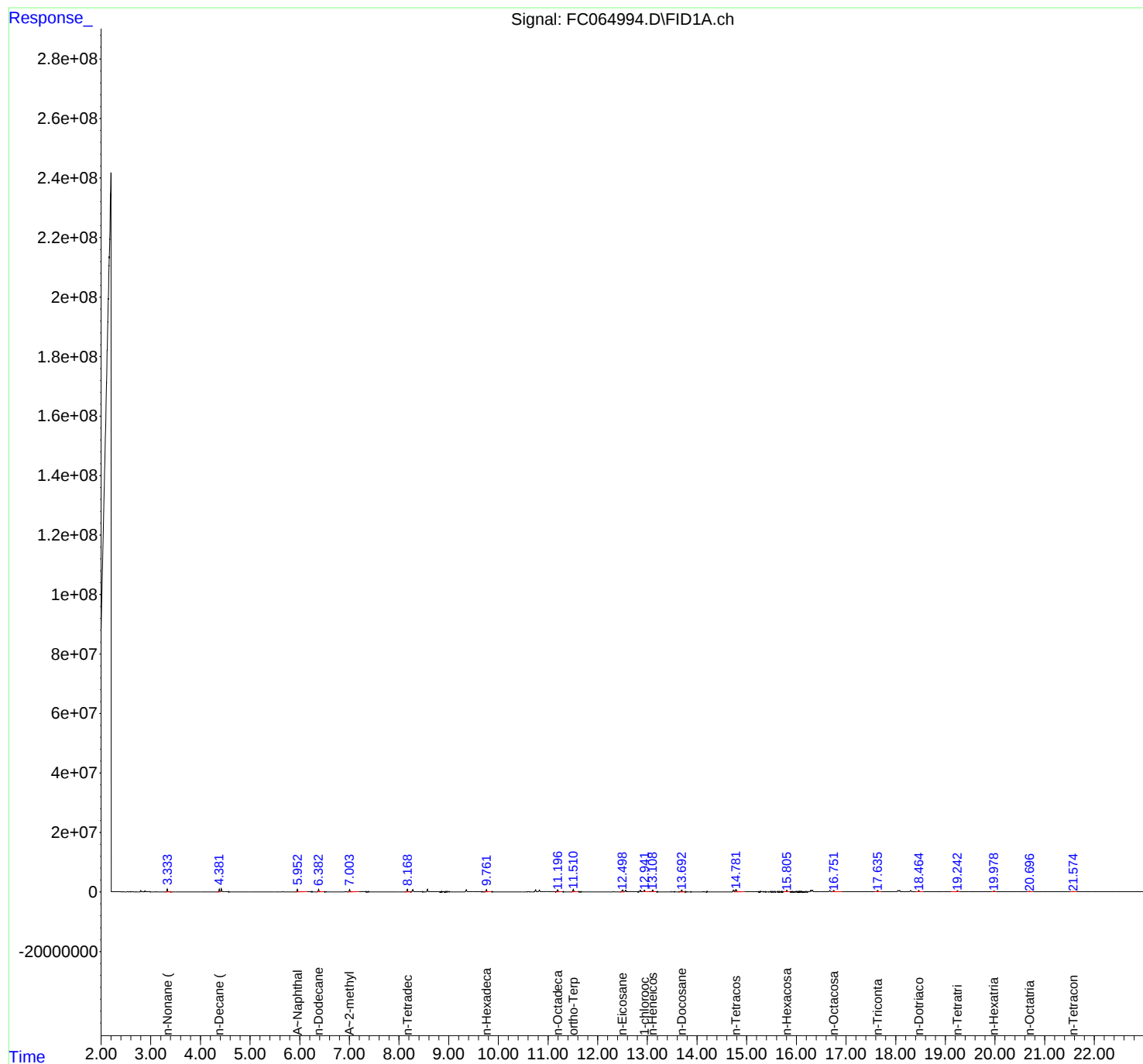
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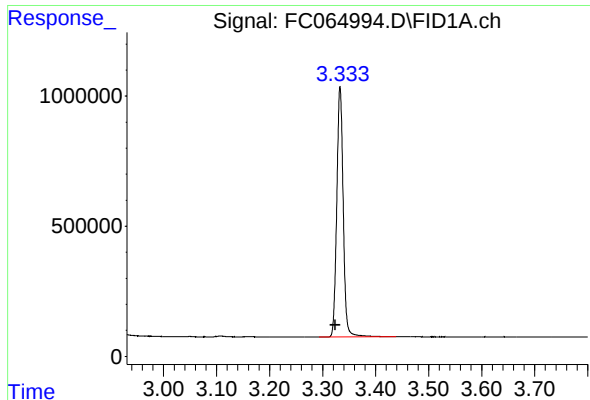
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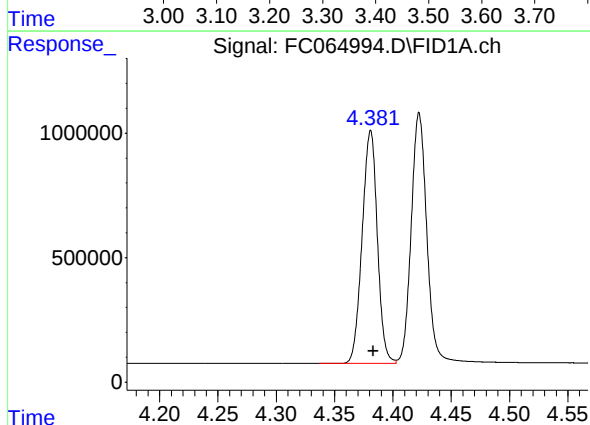
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.009 min
Response: 8135577
Conc: 43.03 ug/ml

Instrument :
FID_C
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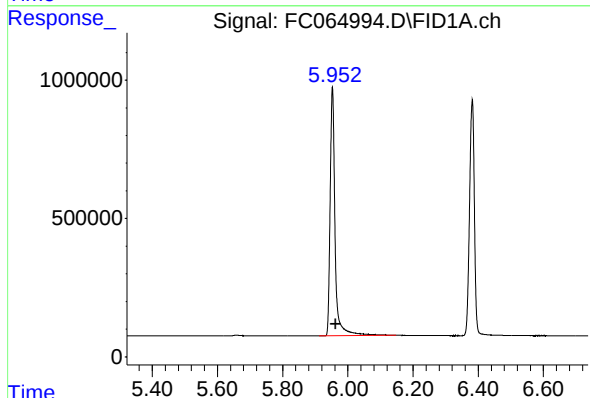
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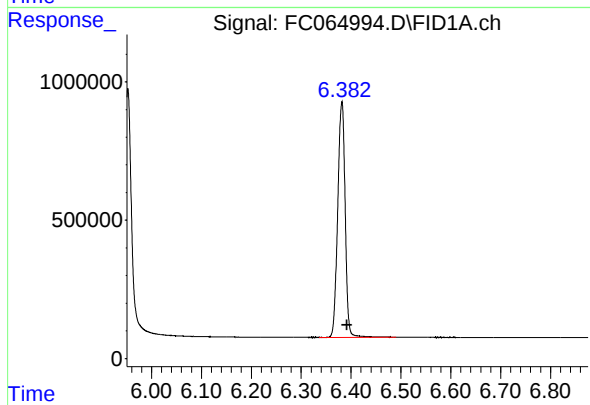
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 8476276
Conc: 44.58 ug/ml



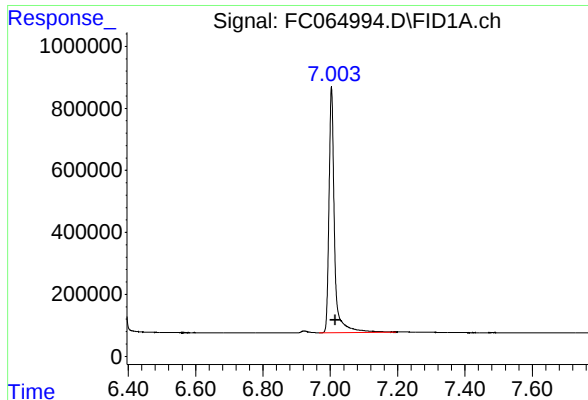
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.010 min
Response: 9422566
Conc: 48.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 8827819
Conc: 45.70 ug/ml



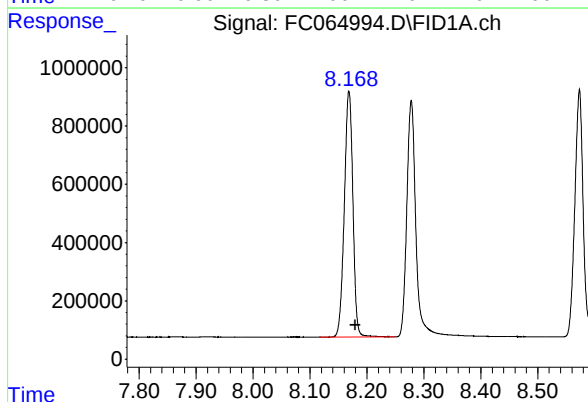
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 8995007
Conc: 48.95 ug/ml

Instrument :
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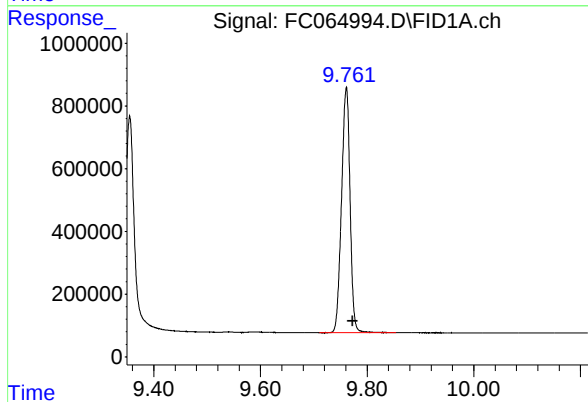
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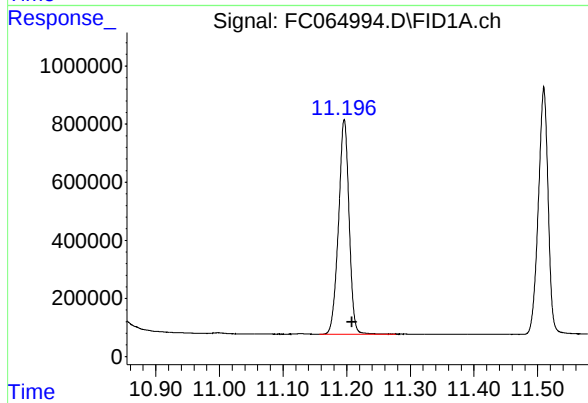
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 8826484
Conc: 46.78 ug/ml



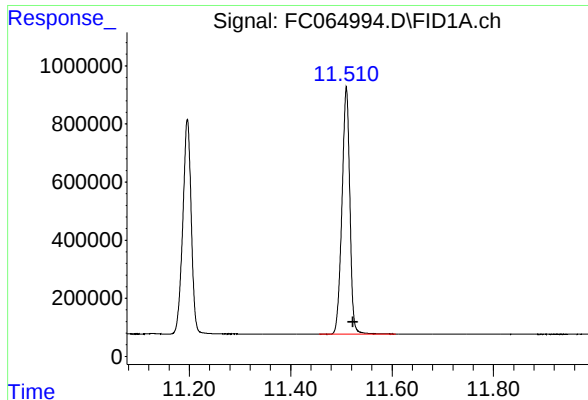
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 8680104
Conc: 45.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 8522221
Conc: 45.16 ug/ml



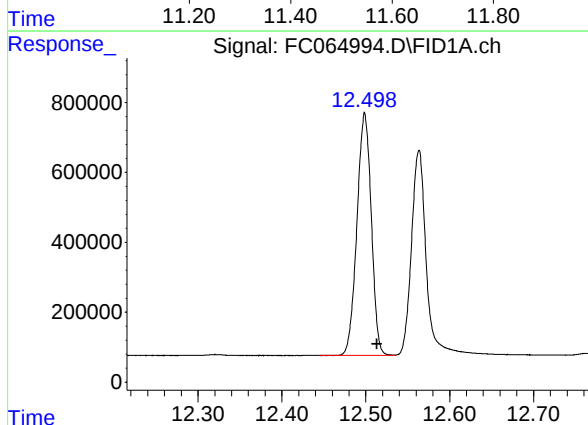
#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 9145005
Conc: 41.55 ug/ml

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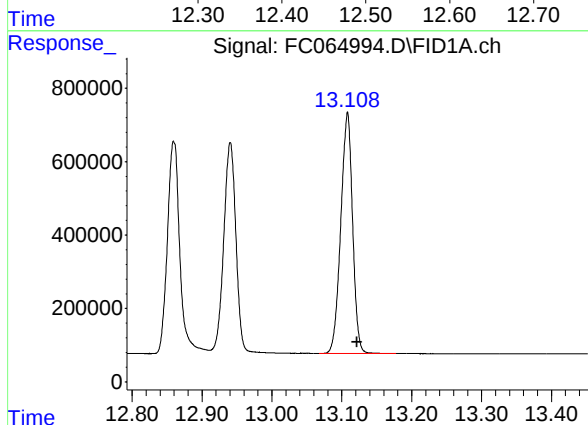
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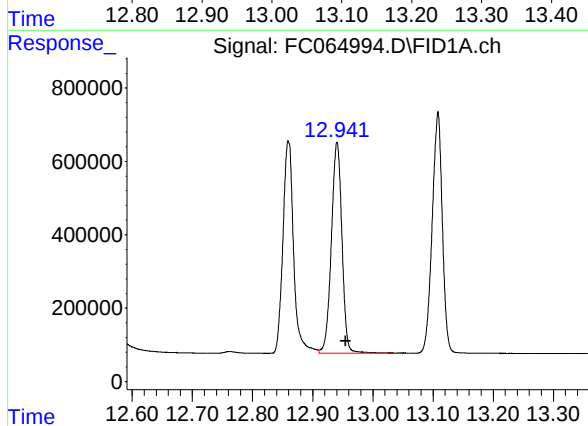
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.015 min
Response: 8223027
Conc: 45.74 ug/ml



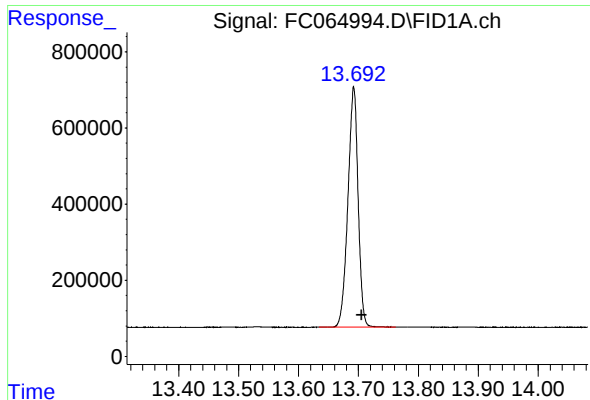
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 7690315
Conc: 43.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 7026314
Conc: 44.45 ug/ml



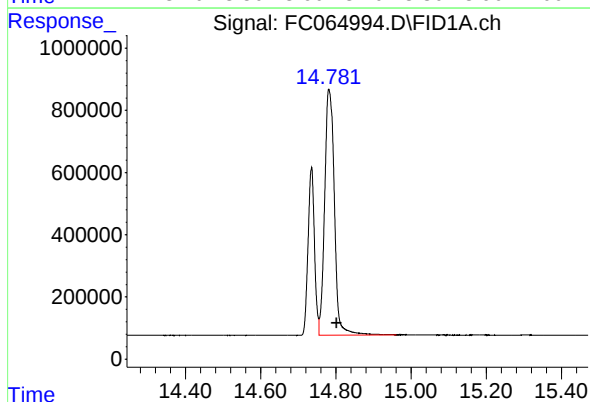
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.013 min
Response: 7468234
Conc: 43.48 ug/ml

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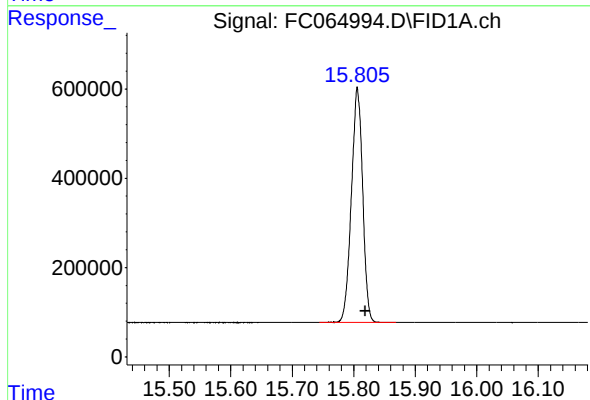
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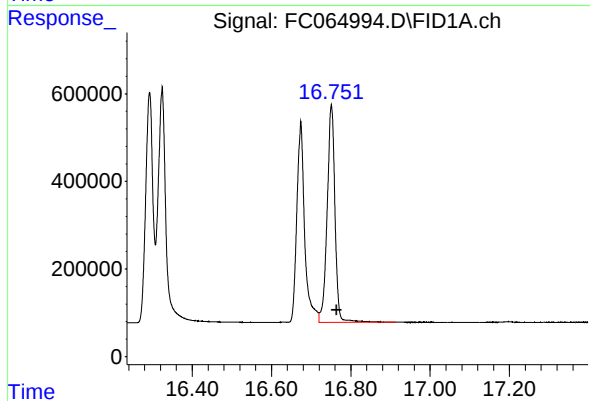
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.021 min
Response: 14215383
Conc: 85.35 ug/ml



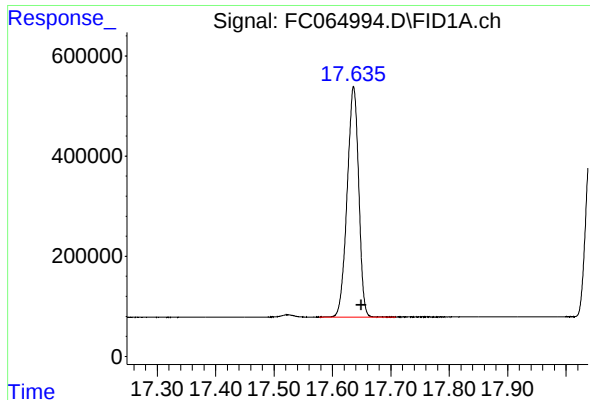
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.013 min
Response: 6695570
Conc: 41.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.014 min
Response: 6791082
Conc: 43.39 ug/ml



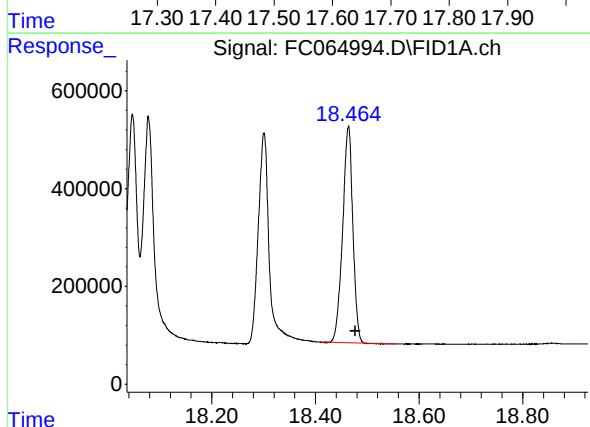
#17 n-Tricontane (C30)

R.T.: 17.636 min
Delta R.T.: -0.013 min
Response: 6314496
Conc: 39.87 ug/ml

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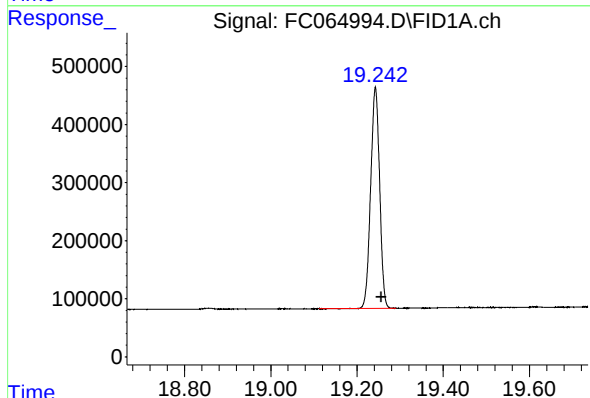
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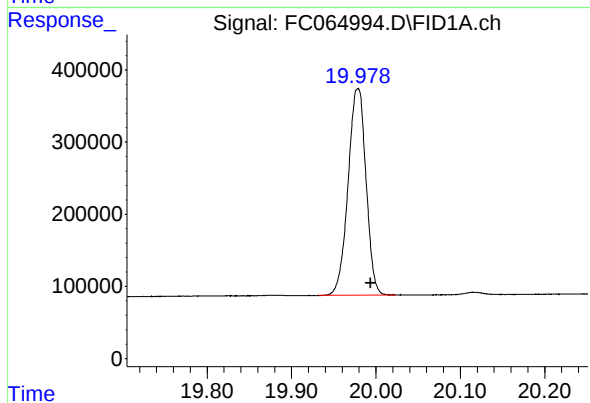
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.013 min
Response: 6047071
Conc: 38.30 ug/ml



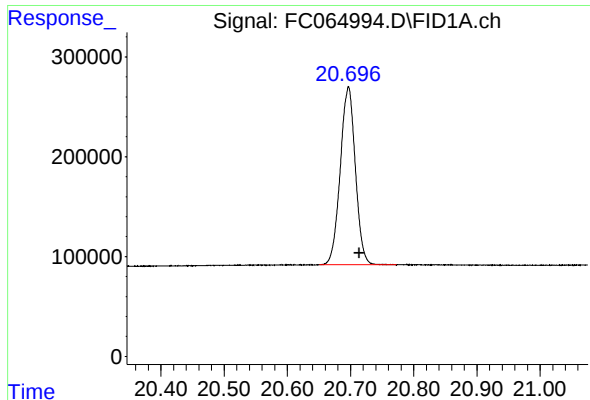
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.013 min
Response: 5489824
Conc: 35.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: -0.015 min
Response: 4226480
Conc: 28.01 ug/ml m



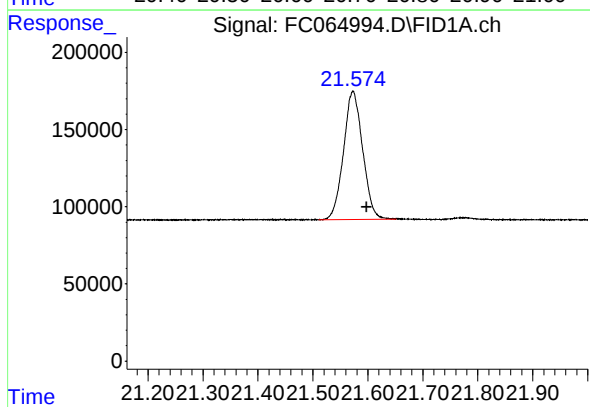
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.017 min
Response: 2961660
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.024 min
Response: 2007366
Conc: 13.65 ug/ml m