

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057515.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 4:37
 Operator : AJ\MA
 Sample : PB141350BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141350BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 11:27:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.831	6352876	45.653 ug/ml
Spiked Amount 50.000		Recovery =	91.31%
12) S 1-chlorooctadecane (S...	12.268	5014881	45.285 ug/ml
Spiked Amount 50.000		Recovery =	90.57%
Target Compounds			
1) T n-Nonane (C9)	2.704	5332239	43.159 ug/ml
2) T n-Decane (C10)	3.705	5623406	45.148 ug/ml
3) T A~Naphthalene (C11.7)	5.259	6644122	47.892 ug/ml
4) T n-Dodecane (C12)	5.687	5989758	48.502 ug/ml
5) T A~2-methylnaphthalene...	6.307	6688521	47.829 ug/ml
6) T n-Tetradecane (C14)	7.479	6364092	51.395 ug/ml
7) T n-Hexadecane (C16)	9.077	6826862	54.446 ug/ml
8) T n-Octadecane (C18)	10.518	7092788	54.796 ug/ml
10) T n-Eicosane (C20)	11.826	7017460	54.017 ug/ml
11) T n-Heneicosane (C21)	12.437	6902893	52.596 ug/ml
13) T n-Docosane (C22)	13.023	6827221	51.942 ug/ml
14) T n-Tetracosane (C24)	14.125	6445378	48.461 ug/ml
15) T n-Hexacosane (C26)	15.146	6428777	49.027 ug/ml
16) T n-Octacosane (C28)	16.093	6237932	47.435 ug/ml
17) T n-Tricontane (C30)	16.982	5979977	43.755 ug/ml
18) T n-Dotriacontane (C32)	17.812	5678590	42.353 ug/ml
19) T n-Tetratriacontane (C34)	18.596	5512126	42.272 ug/ml
20) T n-Hexatriacontane (C36)	19.336	5119949	43.119 ug/mlm
21) T n-Octatriacontane (C38)	20.059	4892369	44.545 ug/ml
22) T n-Tetracontane (C40)	20.951	4908764	49.165 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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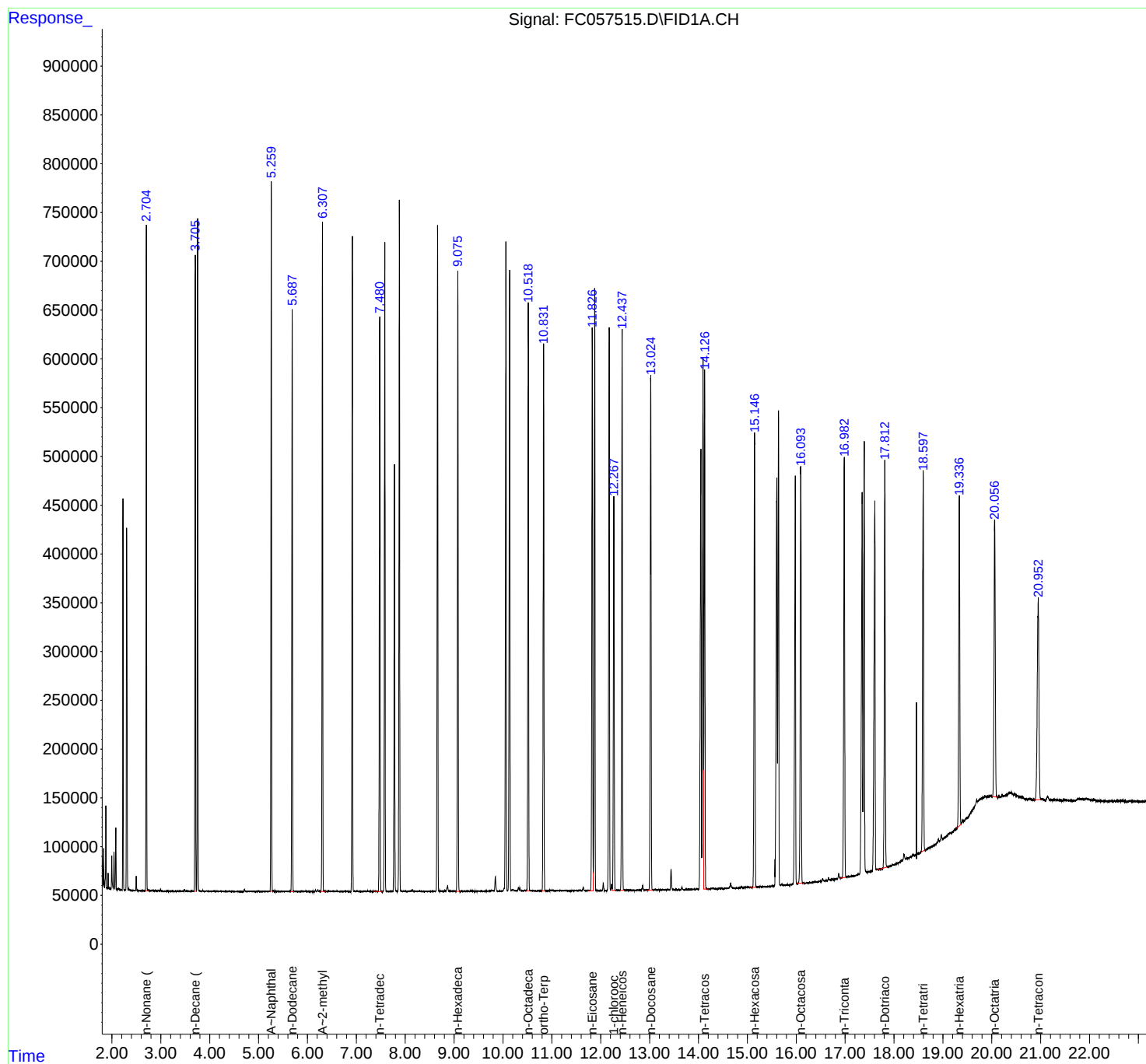
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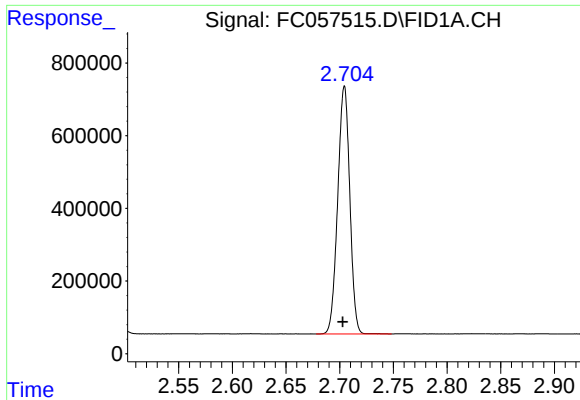
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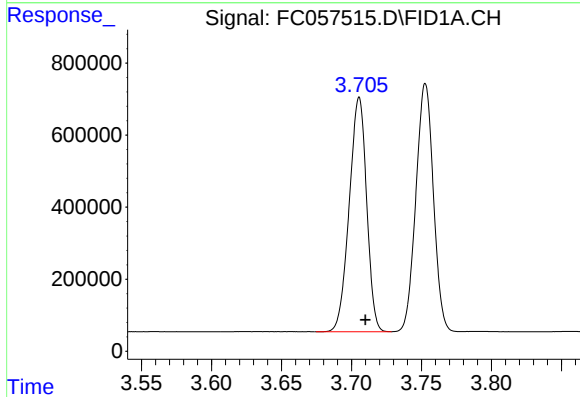
#1 n-Nonane (C9)

R.T.: 2.704 min
Delta R.T.: 0.001 min
Response: 5332239
Conc: 43.16 ug/ml

Instrument :
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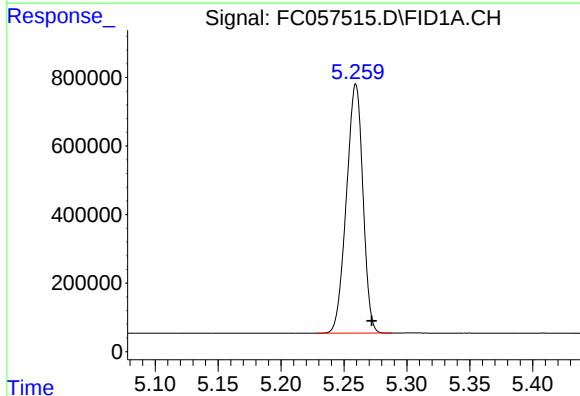
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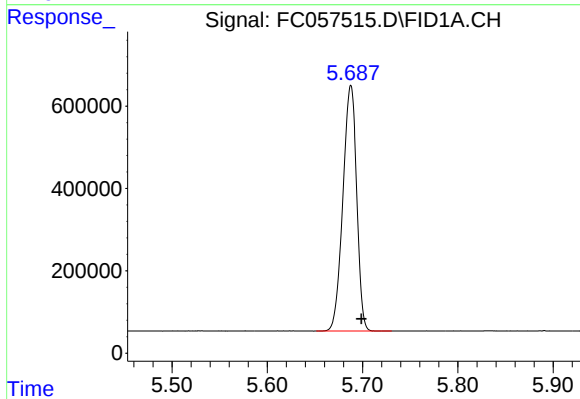
#2 n-Decane (C10)

R.T.: 3.705 min
Delta R.T.: -0.005 min
Response: 5623406
Conc: 45.15 ug/ml



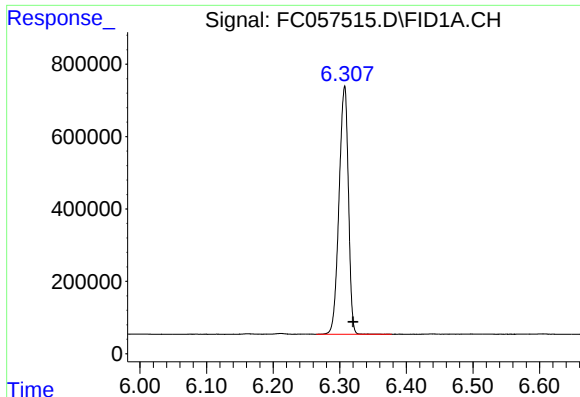
#3 A~Naphthalene (C11.7)

R.T.: 5.259 min
Delta R.T.: -0.013 min
Response: 6644122
Conc: 47.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.687 min
Delta R.T.: -0.012 min
Response: 5989758
Conc: 48.50 ug/ml



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

R.T.: 6.307 min
Delta R.T.: -0.013 min
Response: 6688521
Conc: 47.83 ug/ml

Instrument :

FID_C

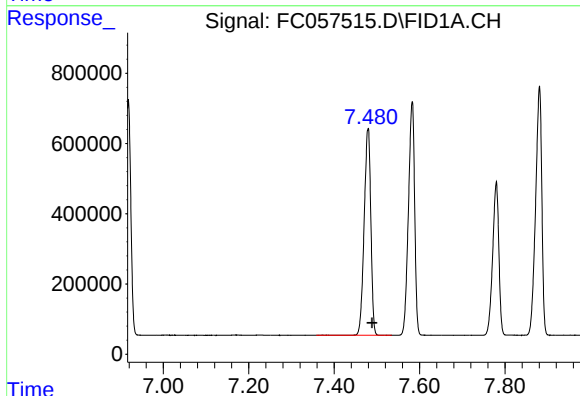
ClientSampleId :

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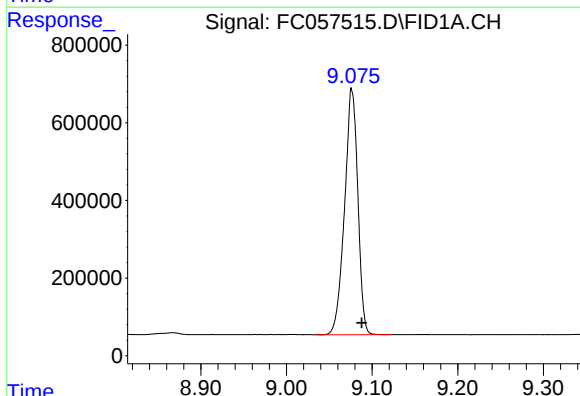
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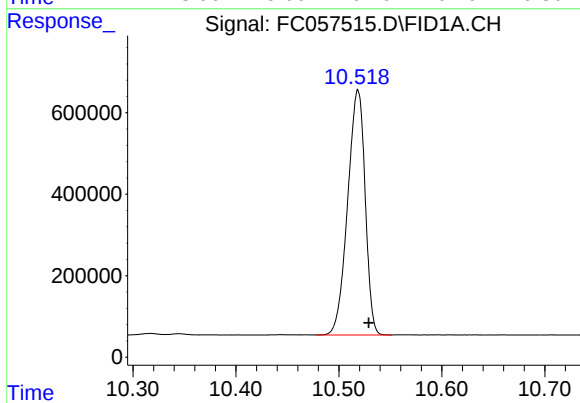
#6 n-Tetradecane (C14)

R.T.: 7.479 min
Delta R.T.: -0.010 min
Response: 6364092
Conc: 51.39 ug/ml



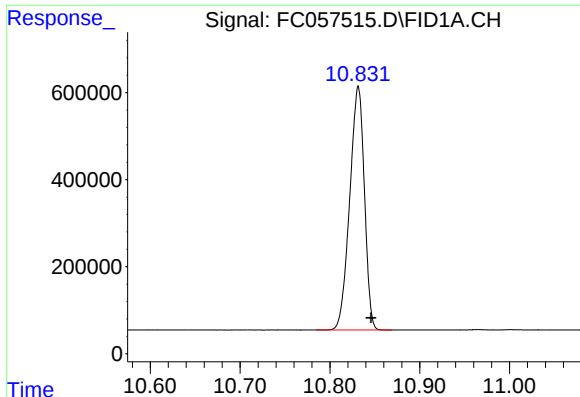
#7 n-Hexadecane (C16)

R.T.: 9.077 min
Delta R.T.: -0.011 min
Response: 6826862
Conc: 54.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 7092788
Conc: 54.80 ug/ml



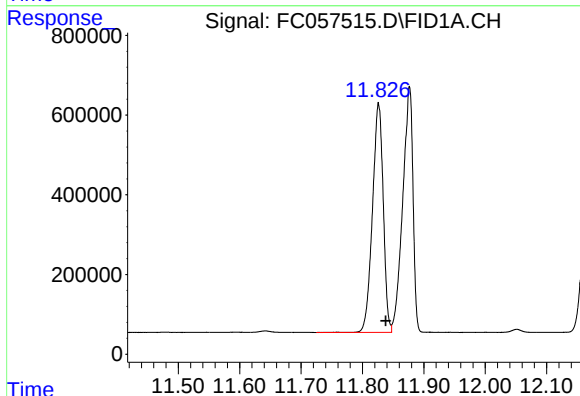
#9 ortho-Terphenyl (SURR)

R.T.: 10.831 min
Delta R.T.: -0.015 min
Response: 6352876
Conc: 45.65 ug/ml

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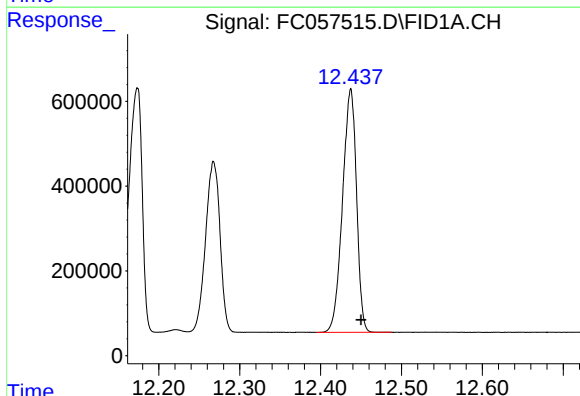
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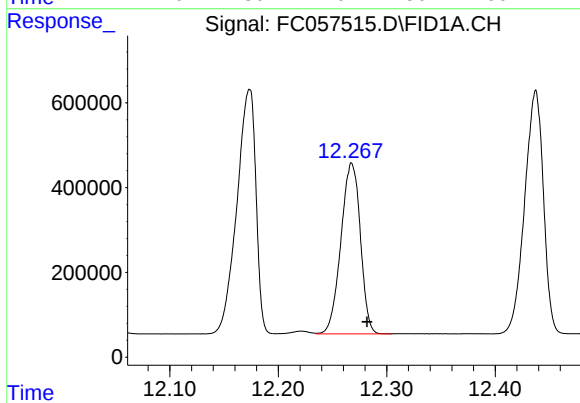
#10 n-Eicosane (C20)

R.T.: 11.826 min
Delta R.T.: -0.012 min
Response: 7017460
Conc: 54.02 ug/ml



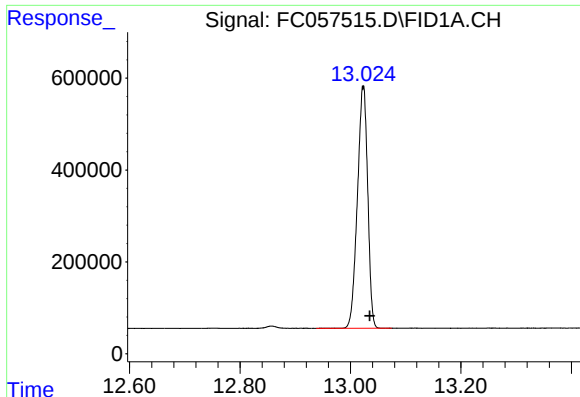
#11 n-Heneicosane (C21)

R.T.: 12.437 min
Delta R.T.: -0.013 min
Response: 6902893
Conc: 52.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.268 min
Delta R.T.: -0.014 min
Response: 5014881
Conc: 45.29 ug/ml



#13 n-Docosane (C22)

R.T.: 13.023 min
Delta R.T.: -0.012 min
Response: 6827221
Conc: 51.94 ug/ml

Instrument :

FID_C

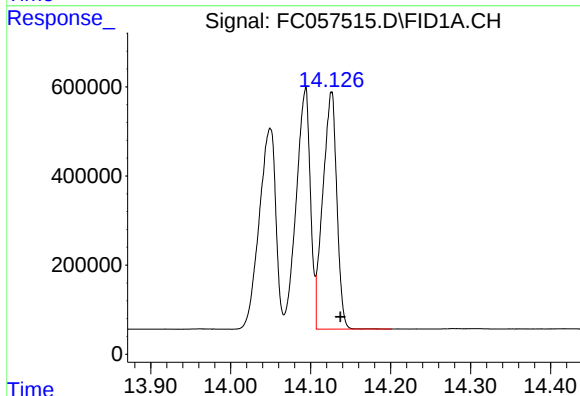
ClientSampleId :

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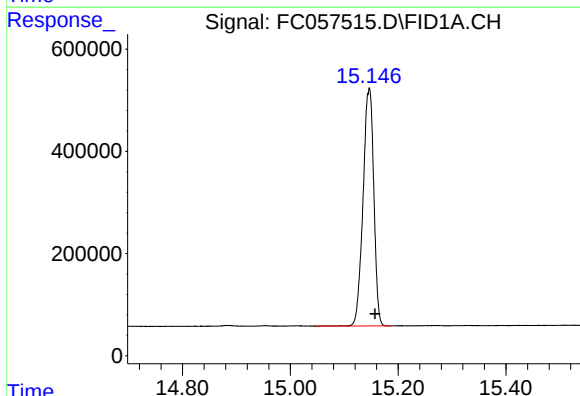
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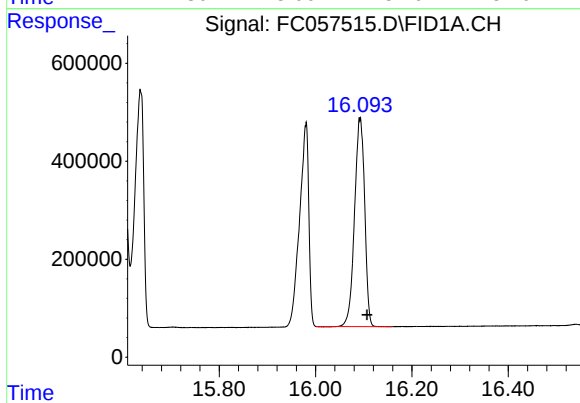
#14 n-Tetracosane (C24)

R.T.: 14.125 min
Delta R.T.: -0.012 min
Response: 6445378
Conc: 48.46 ug/ml



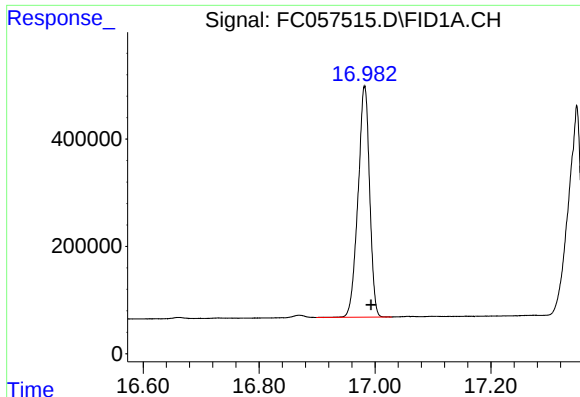
#15 n-Hexacosane (C26)

R.T.: 15.146 min
Delta R.T.: -0.011 min
Response: 6428777
Conc: 49.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.093 min
Delta R.T.: -0.014 min
Response: 6237932
Conc: 47.44 ug/ml



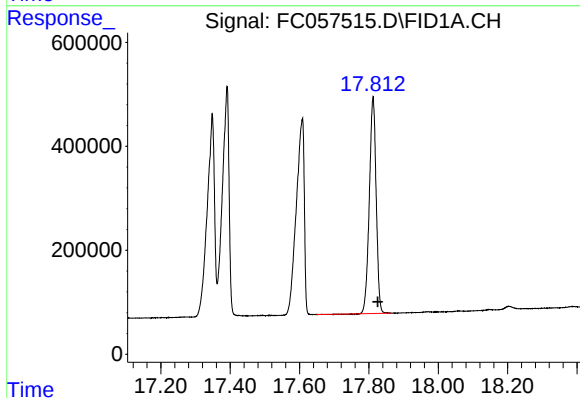
#17 n-Tricontane (C30)

R.T.: 16.982 min
Delta R.T.: -0.011 min
Response: 5979977
Conc: 43.76 ug/ml

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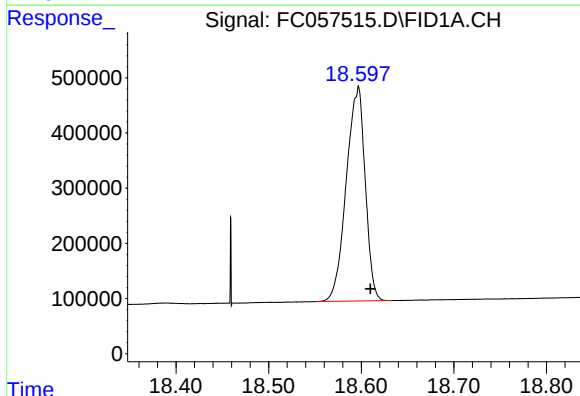
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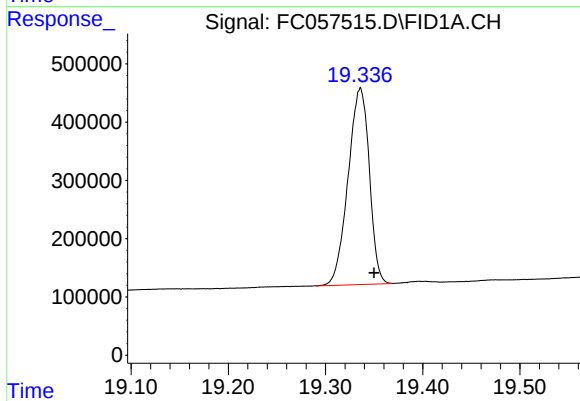
#18 n-Dotriacontane (C32)

R.T.: 17.812 min
Delta R.T.: -0.014 min
Response: 5678590
Conc: 42.35 ug/ml



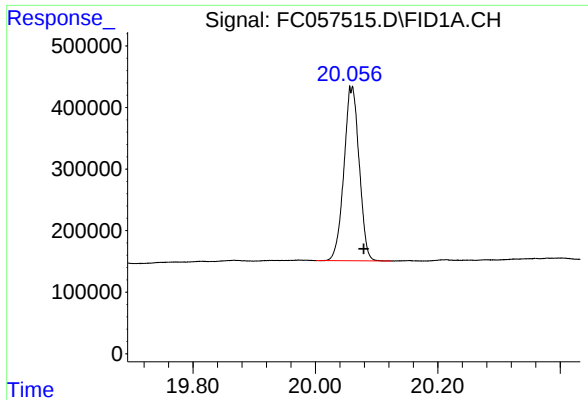
#19 n-Tetratriacontane (C34)

R.T.: 18.596 min
Delta R.T.: -0.014 min
Response: 5512126
Conc: 42.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.336 min
Delta R.T.: -0.014 min
Response: 5119949
Conc: 43.12 ug/ml m



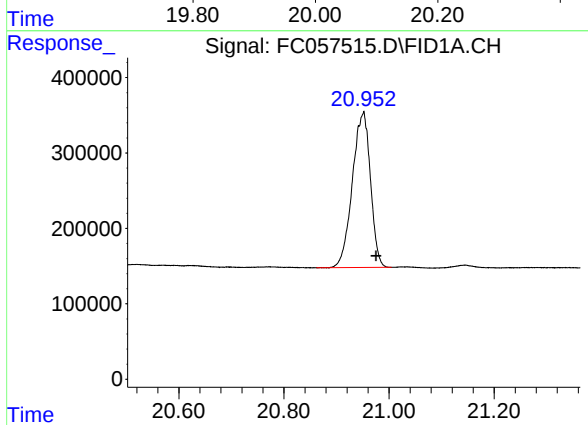
#21 n-Octatriacontane (C38)

R.T.: 20.059 min
Delta R.T.: -0.020 min
Response: 4892369
Conc: 44.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.951 min
Delta R.T.: -0.024 min
Response: 4908764
Conc: 49.16 ug/ml