

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057082.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2021 4:12
 Operator : AJ\MA
 Sample : M4819-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-112321MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 25 06:04:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.596	3495390	30.121 ug/mlm
Spiked Amount 50.000		Recovery =	60.24%
12) S 1-chlorooctadecane (S...	13.029	2809755	30.864 ug/ml
Spiked Amount 50.000		Recovery =	61.73%
Target Compounds			
1) T n-Nonane (C9)	3.361	3593405	35.462 ug/ml
2) T n-Decane (C10)	4.428	4077817	40.722 ug/ml
3) T A~Naphthalene (C11.7)	6.015	4631371	41.477 ug/ml
4) T n-Dodecane (C12)	6.444	4526841	44.647 ug/ml
5) T A~2-methylnaphthalene...	7.072	4964922	45.029 ug/ml
6) T n-Tetradecane (C14)	8.240	5125101	50.583 ug/ml
7) T n-Hexadecane (C16)	9.838	5458003	53.188 ug/ml
8) T n-Octadecane (C18)	11.279	5585256	52.131 ug/ml
10) T n-Eicosane (C20)	12.588	5452868	50.983 ug/ml
11) T n-Heneicosane (C21)	13.198	5334534	49.260 ug/ml
13) T n-Docosane (C22)	13.782	5304716	49.515 ug/ml
14) T n-Tetracosane (C24)	14.882	9645133	89.096 ug/ml
15) T n-Hexacosane (C26)	15.903	4939309	46.371 ug/mlm
16) T n-Octacosane (C28)	16.849	4991255	46.793 ug/ml
17) T n-Tricontane (C30)	17.738	4748481	44.551 ug/mlm
18) T n-Dotriacontane (C32)	18.566	4622385	43.822 ug/mlm
19) T n-Tetratriacontane (C34)	19.346	4403944	42.392 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	4058154	40.177 ug/mlm
21) T n-Octatriacontane (C38)	20.816	4184089	45.580 ug/mlm
22) T n-Tetracontane (C40)	21.728	3955594	43.910 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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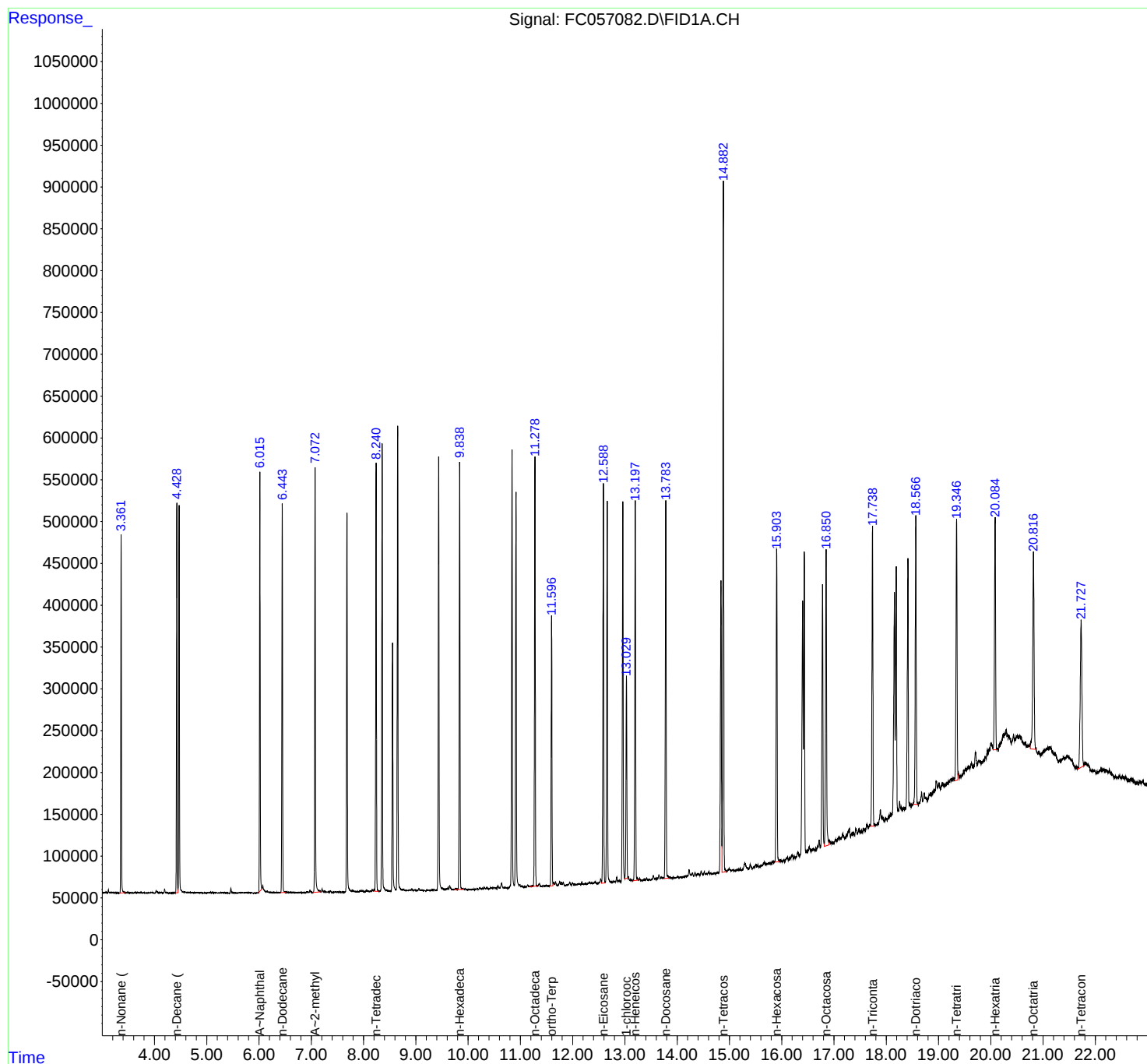
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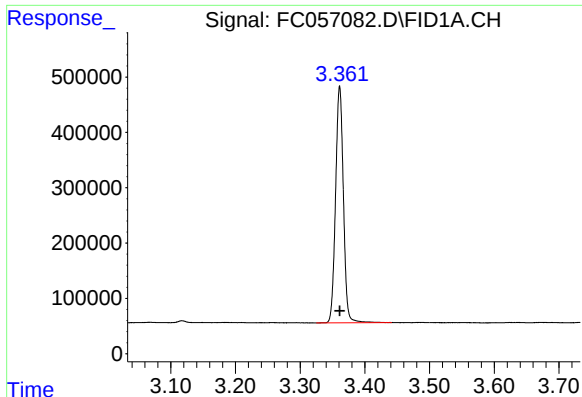
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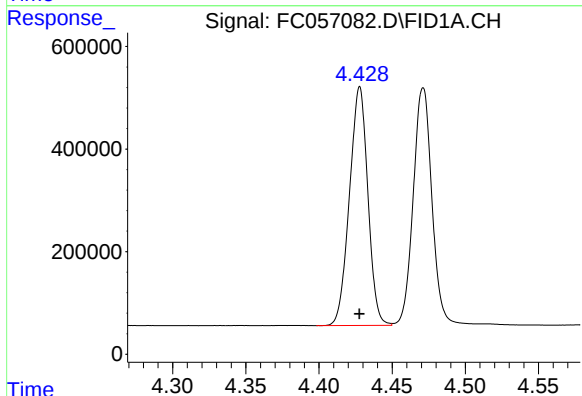
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.000 min
Response: 3593405
Conc: 35.46 ug/ml

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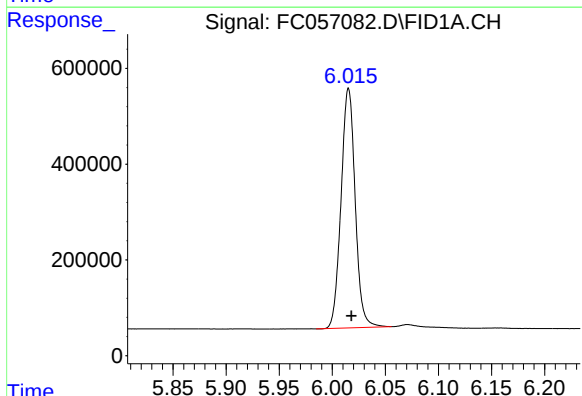
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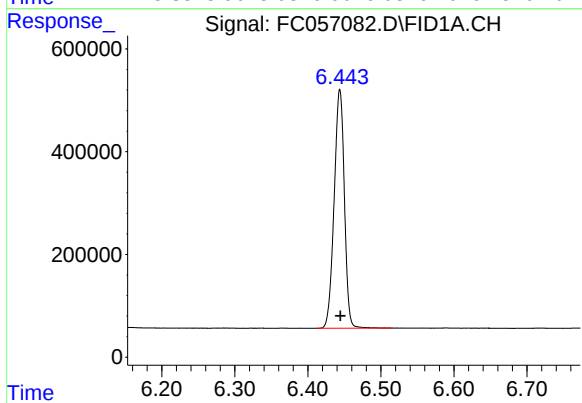
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 4077817
Conc: 40.72 ug/ml



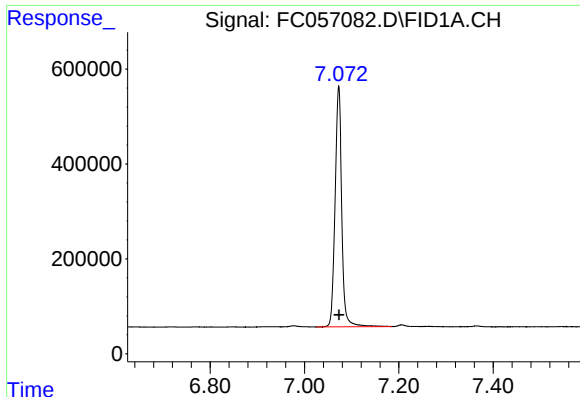
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 4631371
Conc: 41.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 4526841
Conc: 44.65 ug/ml



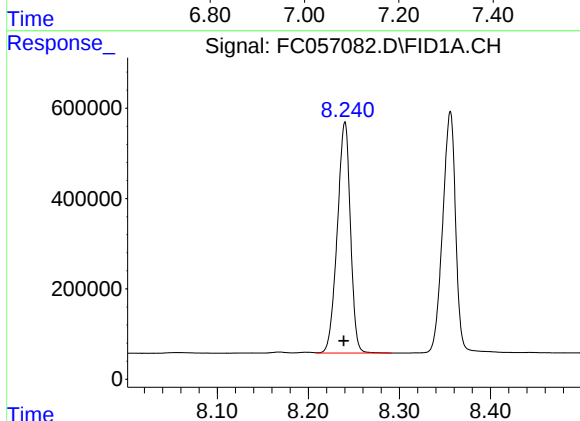
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 4964922
Conc: 45.03 ug/ml

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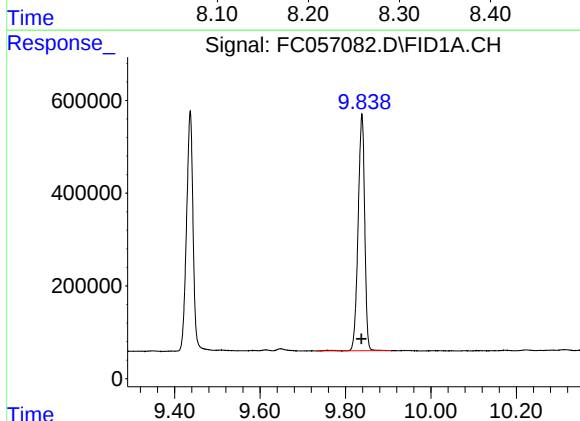
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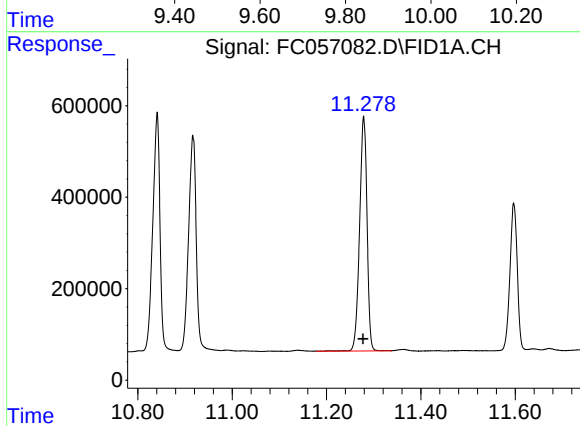
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: 0.001 min
Response: 5125101
Conc: 50.58 ug/ml



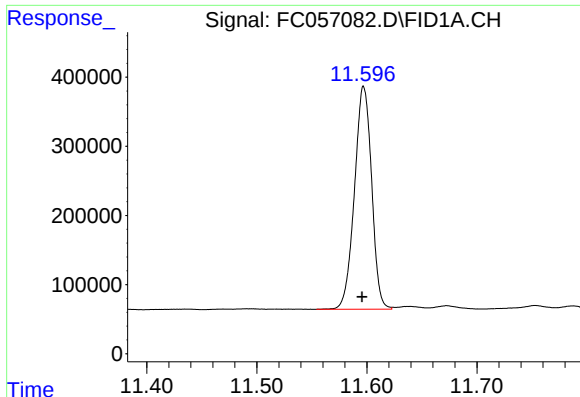
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 5458003
Conc: 53.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 5585256
Conc: 52.13 ug/ml



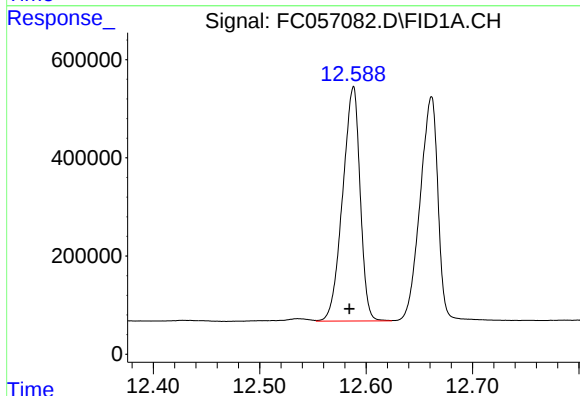
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 3495390
Conc: 30.12 ug/ml

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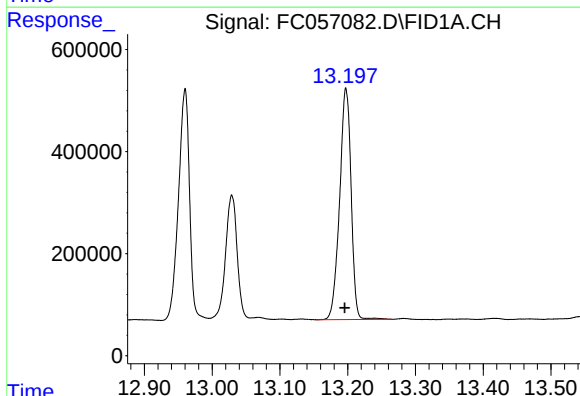
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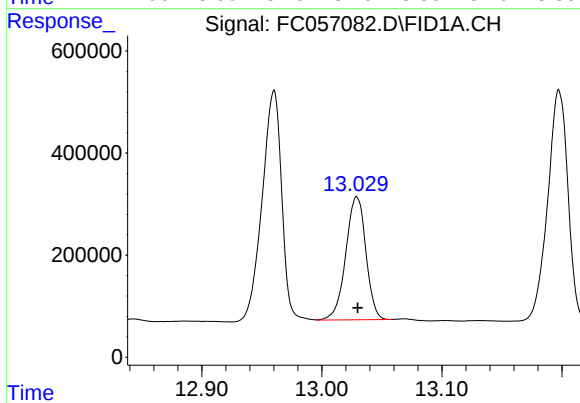
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.003 min
Response: 5452868
Conc: 50.98 ug/ml



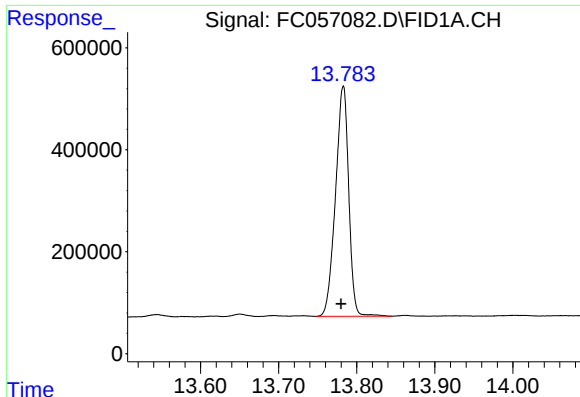
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.002 min
Response: 5334534
Conc: 49.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: 0.000 min
Response: 2809755
Conc: 30.86 ug/ml



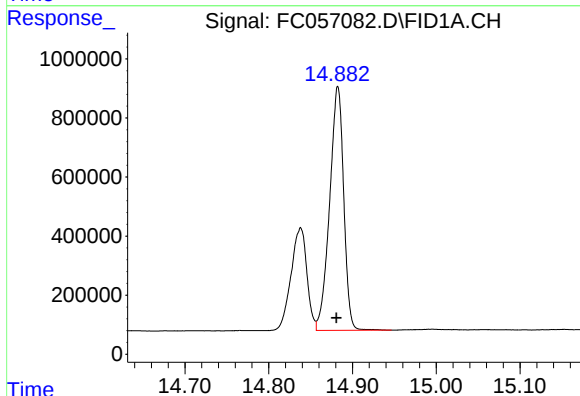
#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.003 min
Response: 5304716
Conc: 49.51 ug/ml

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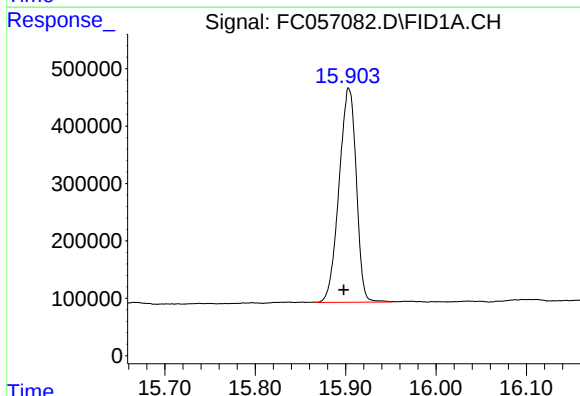
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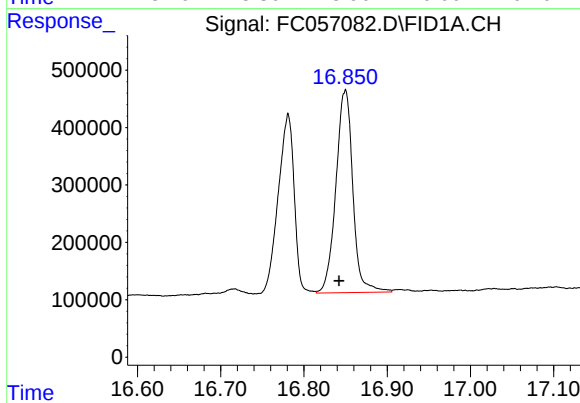
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.002 min
Response: 9645133
Conc: 89.10 ug/ml



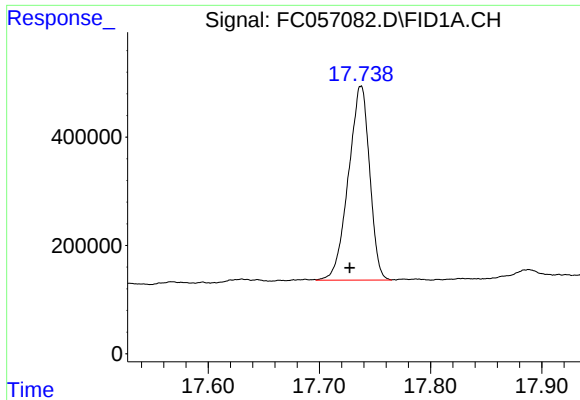
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.005 min
Response: 4939309
Conc: 46.37 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.007 min
Response: 4991255
Conc: 46.79 ug/ml



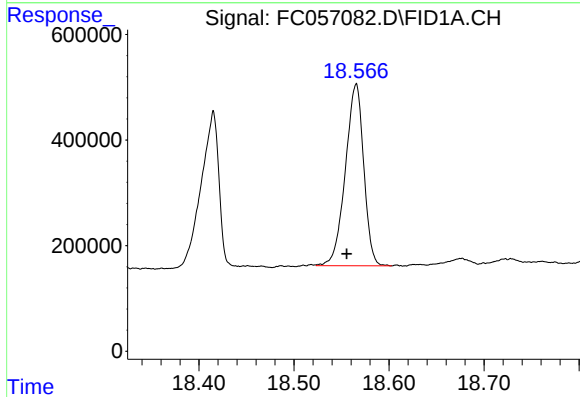
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: 0.010 min
Response: 4748481
Conc: 44.55 ug/ml

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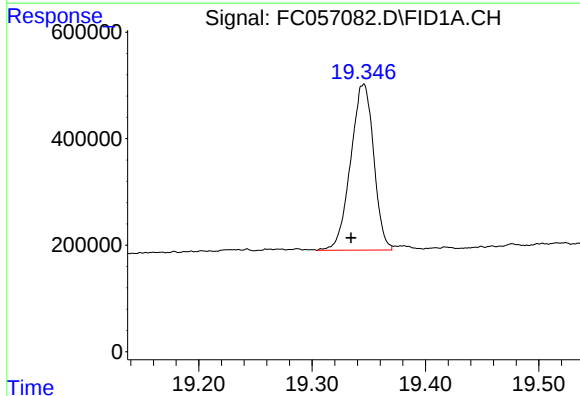
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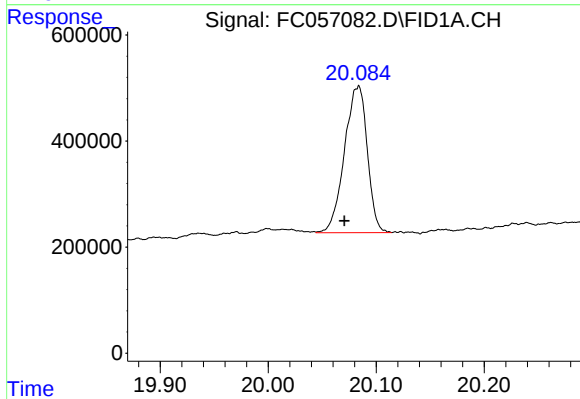
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: 0.010 min
Response: 4622385
Conc: 43.82 ug/ml m



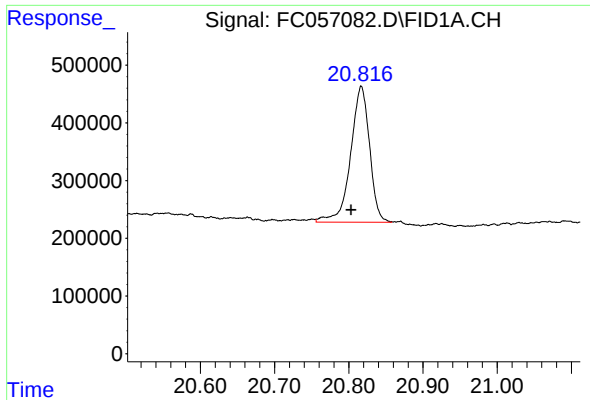
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.011 min
Response: 4403944
Conc: 42.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.013 min
Response: 4058154
Conc: 40.18 ug/ml m



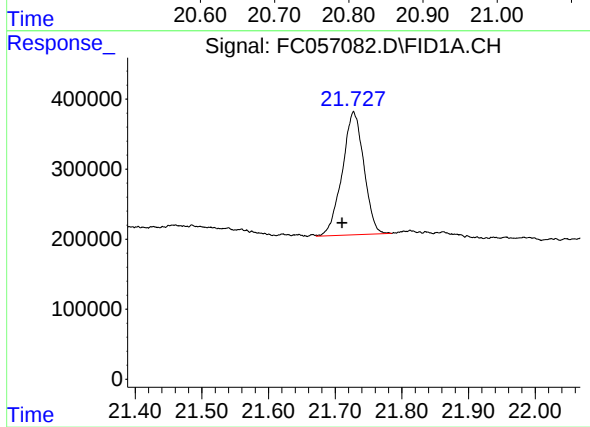
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: 0.013 min
Response: 4184089
Conc: 45.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.018 min
Response: 3955594
Conc: 43.91 ug/ml