

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054590.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 11:22
 Operator : DD\AJ
 Sample : PB137547BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137547BS

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:41:07 AM

Integration File: sample.E
 Quant Time: Jul 08 22:03:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.331	5919864	41.816 ug/ml
Spiked Amount 50.000		Recovery =	83.63%
12) S 1-chlorooctadecane (S...	12.773	4879997	43.776 ug/ml
Spiked Amount 50.000		Recovery =	87.55%
Target Compounds			
1) T n-Nonane (C9)	3.157	5971088	50.777 ug/ml
2) T n-Decane (C10)	4.205	6611327	55.678 ug/ml
3) T A~Naphthalene (C11.7)	5.766	7968784	60.612 ug/ml
4) T n-Dodecane (C12)	6.206	7131351	59.500 ug/ml
5) T A~2-methylnaphthalene...	6.818	7758409	58.767 ug/ml
6) T n-Tetradecane (C14)	7.997	7393123	60.680 ug/ml
7) T n-Hexadecane (C16)	9.590	7592354	60.953 ug/ml
8) T n-Octadecane (C18)	11.029	7976485	61.757 ug/ml
10) T n-Eicosane (C20)	12.335	7832122	60.191 ug/ml
11) T n-Heneicosane (C21)	12.944	7875930	59.321 ug/ml
13) T n-Docosane (C22)	13.529	7837297	59.158 ug/ml
14) T n-Tetracosane (C24)	14.629	7465894	55.152 ug/mlm
15) T n-Hexacosane (C26)	15.650	7595271	56.051 ug/ml
16) T n-Octacosane (C28)	16.595	7561901	55.093 ug/ml
17) T n-Tricontane (C30)	17.485	7153306	51.647 ug/ml
18) T n-Dotriacontane (C32)	18.314	6789820	49.629 ug/ml
19) T n-Tetratriacontane (C34)	19.096	6425497	47.555 ug/ml
20) T n-Hexatriacontane (C36)	19.836	6134010	49.692 ug/ml
21) T n-Octatriacontane (C38)	20.542	5933370	52.453 ug/ml
22) T n-Tetracontane (C40)	21.364	6000265	53.087 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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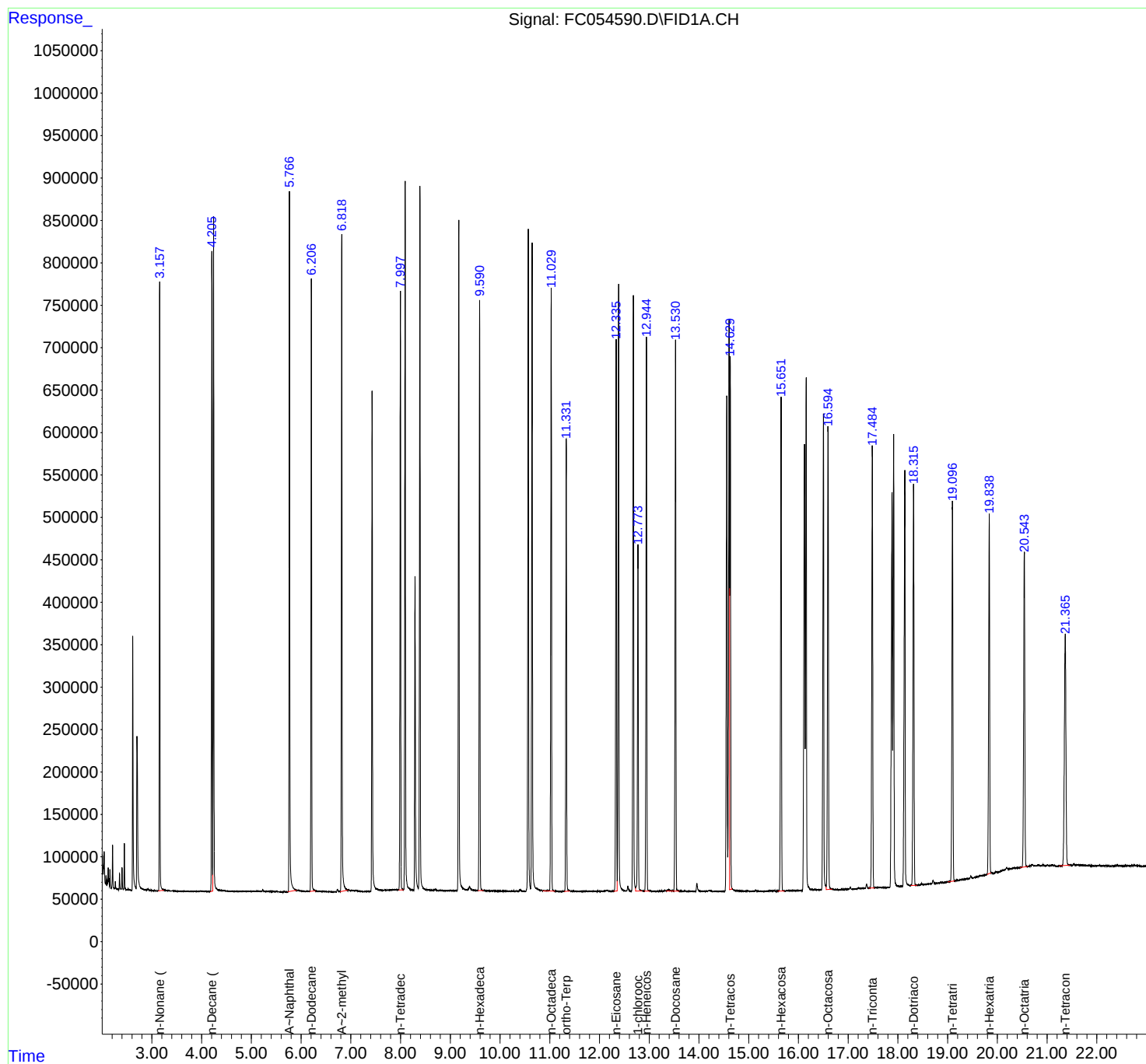
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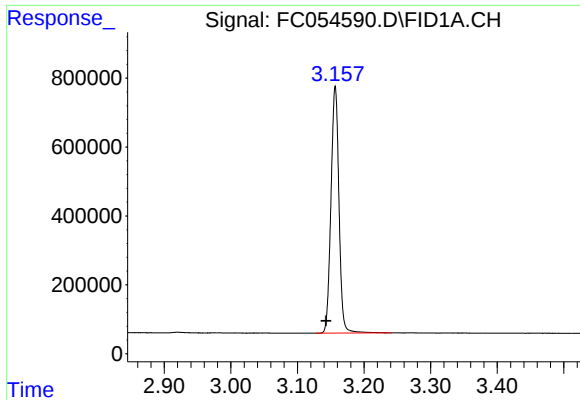
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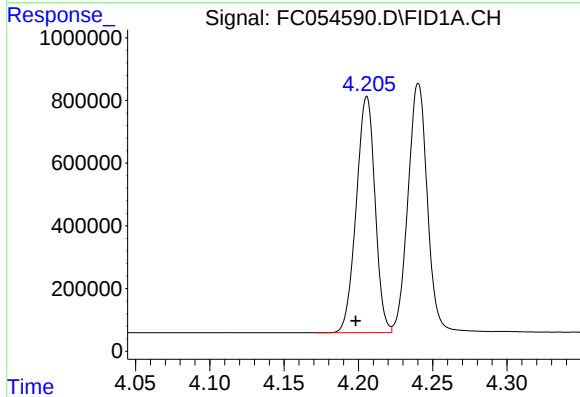
#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: 0.014 min
Response: 5971088
Conc: 50.78 ug/ml

Instrument :
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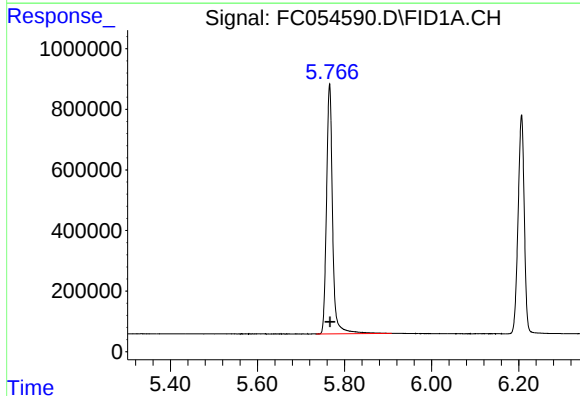
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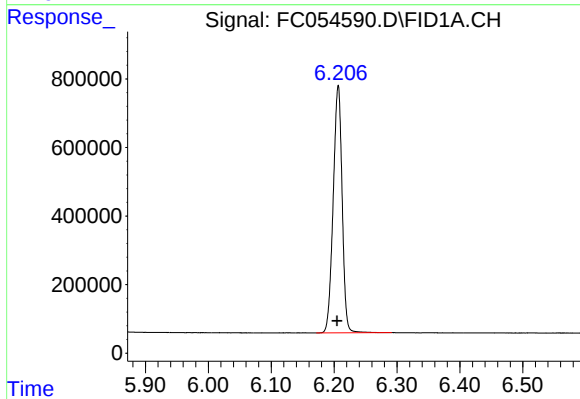
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.007 min
Response: 6611327
Conc: 55.68 ug/ml



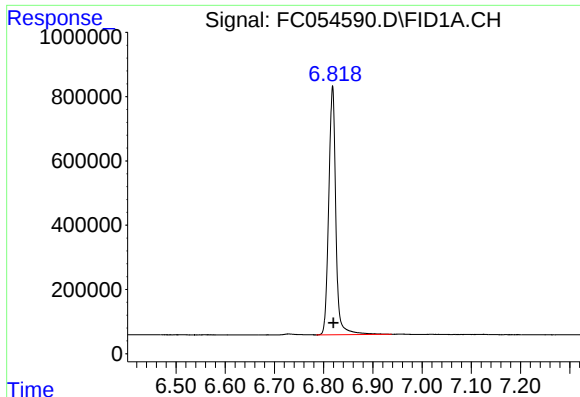
#3 A~Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 7968784
Conc: 60.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 7131351
Conc: 59.50 ug/ml



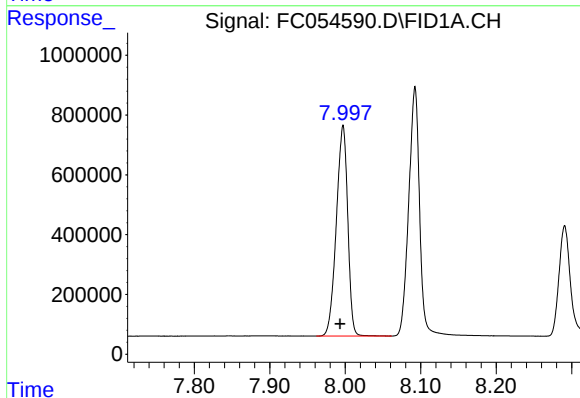
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 7758409
Conc: 58.77 ug/ml

Instrument :
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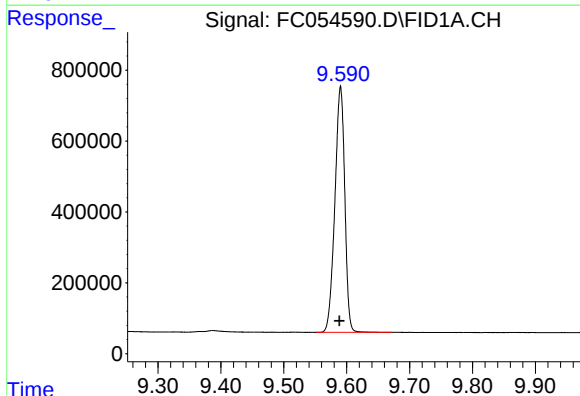
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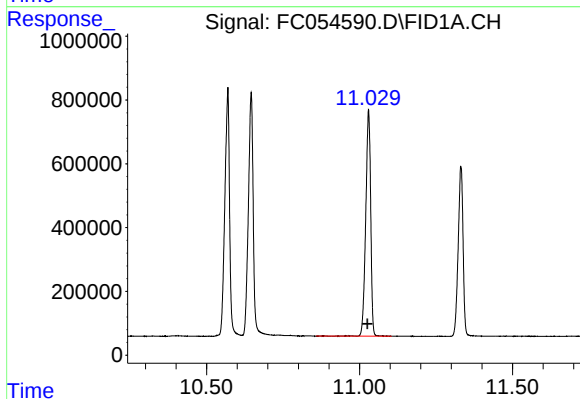
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.004 min
Response: 7393123
Conc: 60.68 ug/ml



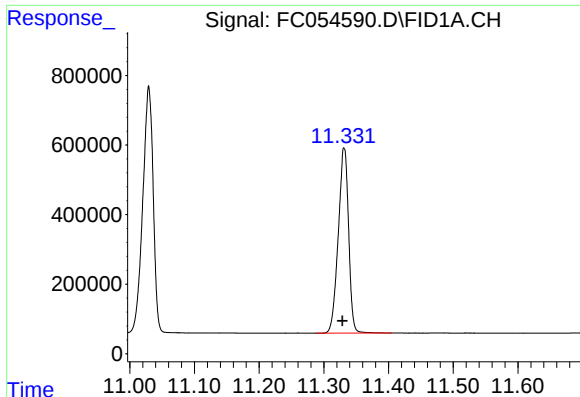
#7 n-Hexadecane (C16)

R.T.: 9.590 min
Delta R.T.: 0.002 min
Response: 7592354
Conc: 60.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.029 min
Delta R.T.: 0.004 min
Response: 7976485
Conc: 61.76 ug/ml



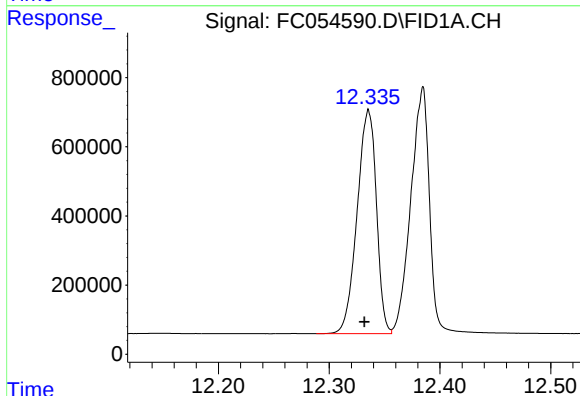
#9 ortho-Terphenyl (SURR)

R.T.: 11.331 min
Delta R.T.: 0.002 min
Response: 5919864
Conc: 41.82 ug/ml

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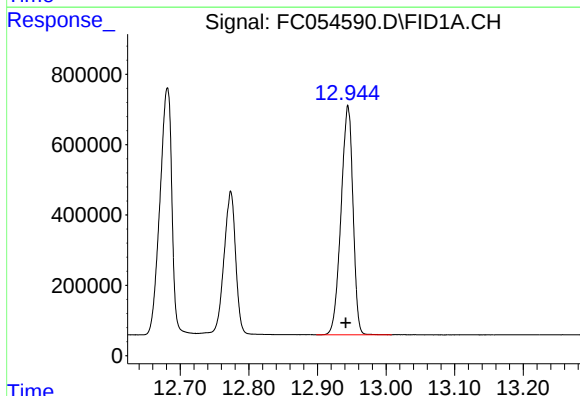
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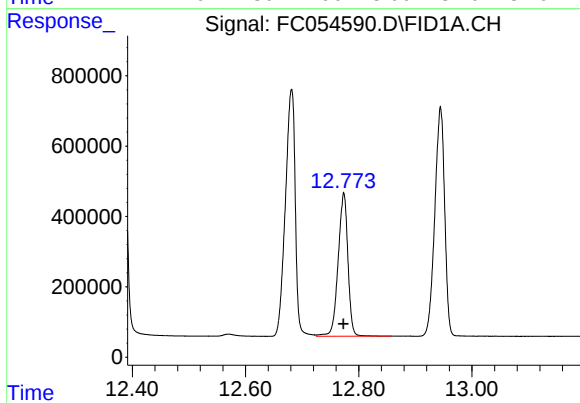
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.004 min
Response: 7832122
Conc: 60.19 ug/ml



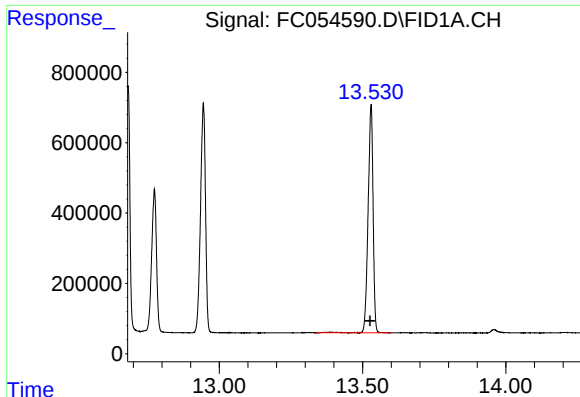
#11 n-Heneicosane (C21)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 7875930
Conc: 59.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.773 min
Delta R.T.: 0.000 min
Response: 4879997
Conc: 43.78 ug/ml



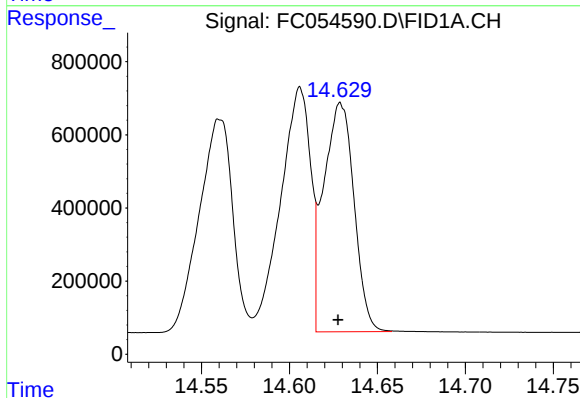
#13 n-Docosane (C22)

R.T.: 13.529 min
Delta R.T.: 0.002 min
Response: 7837297
Conc: 59.16 ug/ml

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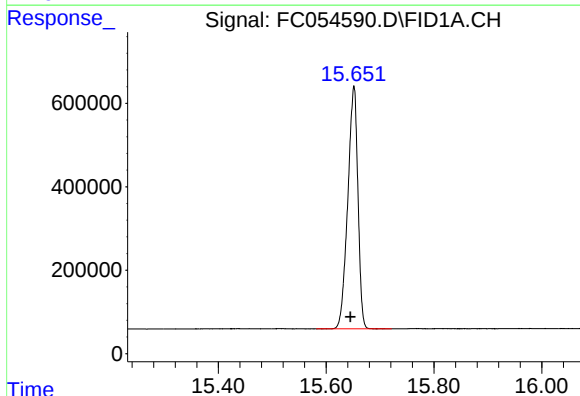
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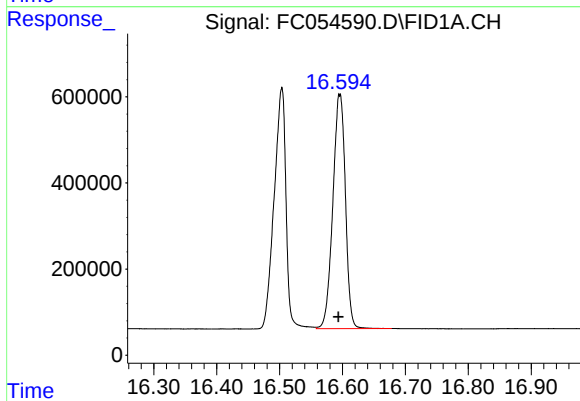
#14 n-Tetracosane (C24)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 7465894
Conc: 55.15 ug/ml m



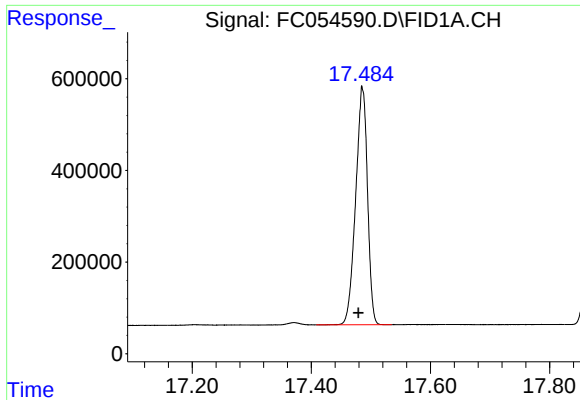
#15 n-Hexacosane (C26)

R.T.: 15.650 min
Delta R.T.: 0.005 min
Response: 7595271
Conc: 56.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.595 min
Delta R.T.: 0.002 min
Response: 7561901
Conc: 55.09 ug/ml



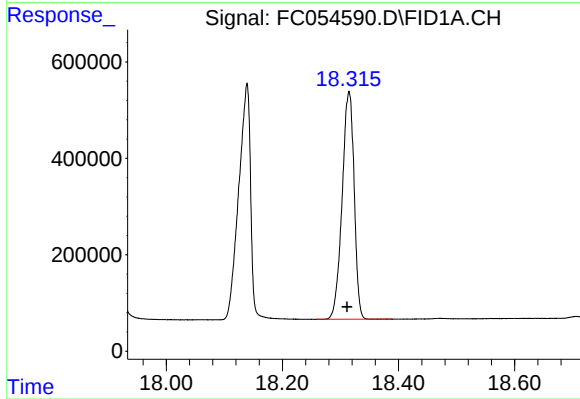
#17 n-Tricontane (C30)

R.T.: 17.485 min
Delta R.T.: 0.006 min
Response: 7153306
Conc: 51.65 ug/ml

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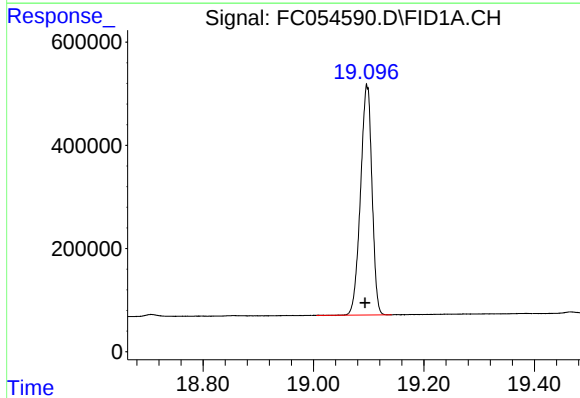
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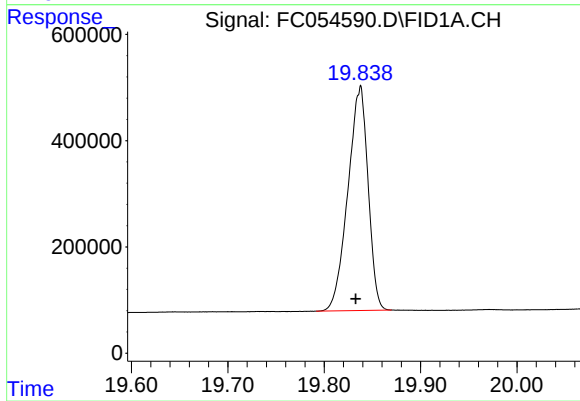
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.003 min
Response: 6789820
Conc: 49.63 ug/ml



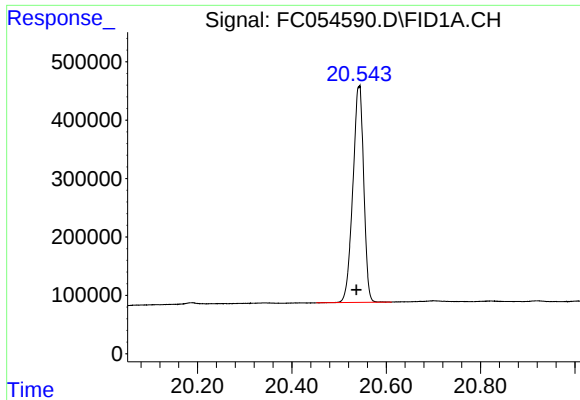
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.003 min
Response: 6425497
Conc: 47.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.836 min
Delta R.T.: 0.003 min
Response: 6134010
Conc: 49.69 ug/ml



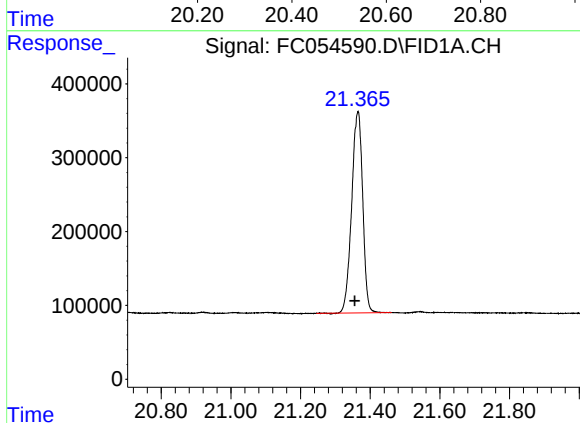
#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: 0.005 min
Response: 5933370
Conc: 52.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.364 min
Delta R.T.: 0.008 min
Response: 6000265
Conc: 53.09 ug/ml