

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055489.D
 Signal(s) : FID1A.CH
 Acq On : 02 Sep 2021 15:44
 Operator : AJ\MA
 Sample : PB138865BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138865BSD

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:06:46 AM

Integration File: autoint1.e
 Quant Time: Sep 03 01:05:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.658	5791676	46.361 ug/ml
Spiked Amount 50.000		Recovery =	92.72%
12) S 1-chlorooctadecane (S...	13.091	4618558	46.668 ug/ml
Spiked Amount 50.000		Recovery =	93.34%
Target Compounds			
1) T n-Nonane (C9)	3.411	4991458	46.177 ug/ml
2) T n-Decane (C10)	4.476	5449821	49.980 ug/ml
3) T A~Naphthalene (C11.7)	6.062	6484934	52.628 ug/ml
4) T n-Dodecane (C12)	6.493	5998332	54.782 ug/ml
5) T A~2-methylnaphthalene...	7.120	6588279	52.941 ug/ml
6) T n-Tetradecane (C14)	8.293	6768940	60.775 ug/ml
7) T n-Hexadecane (C16)	9.894	7220212	63.887 ug/ml
8) T n-Octadecane (C18)	11.338	7595293	65.236 ug/ml
10) T n-Eicosane (C20)	12.648	7370347	63.077 ug/ml
11) T n-Heneicosane (C21)	13.260	7317784	62.175 ug/ml
13) T n-Docosane (C22)	13.846	7192102	61.655 ug/ml
14) T n-Tetracosane (C24)	14.941	13330751	114.468 ug/ml
15) T n-Hexacosane (C26)	15.971	6672752	58.903 ug/ml
16) T n-Octacosane (C28)	16.918	6398374	57.823 ug/ml
17) T n-Tricontane (C30)	17.808	5906663	55.548 ug/ml
18) T n-Dotriacontane (C32)	18.637	5482524	54.705 ug/ml
19) T n-Tetratriacontane (C34)	19.419	4935740	52.297 ug/mlm
20) T n-Hexatriacontane (C36)	20.159	4514227	51.992 ug/mlm
21) T n-Octatriacontane (C38)	20.906	4190066	51.406 ug/ml
22) T n-Tetracontane (C40)	21.843	4240843	52.802 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

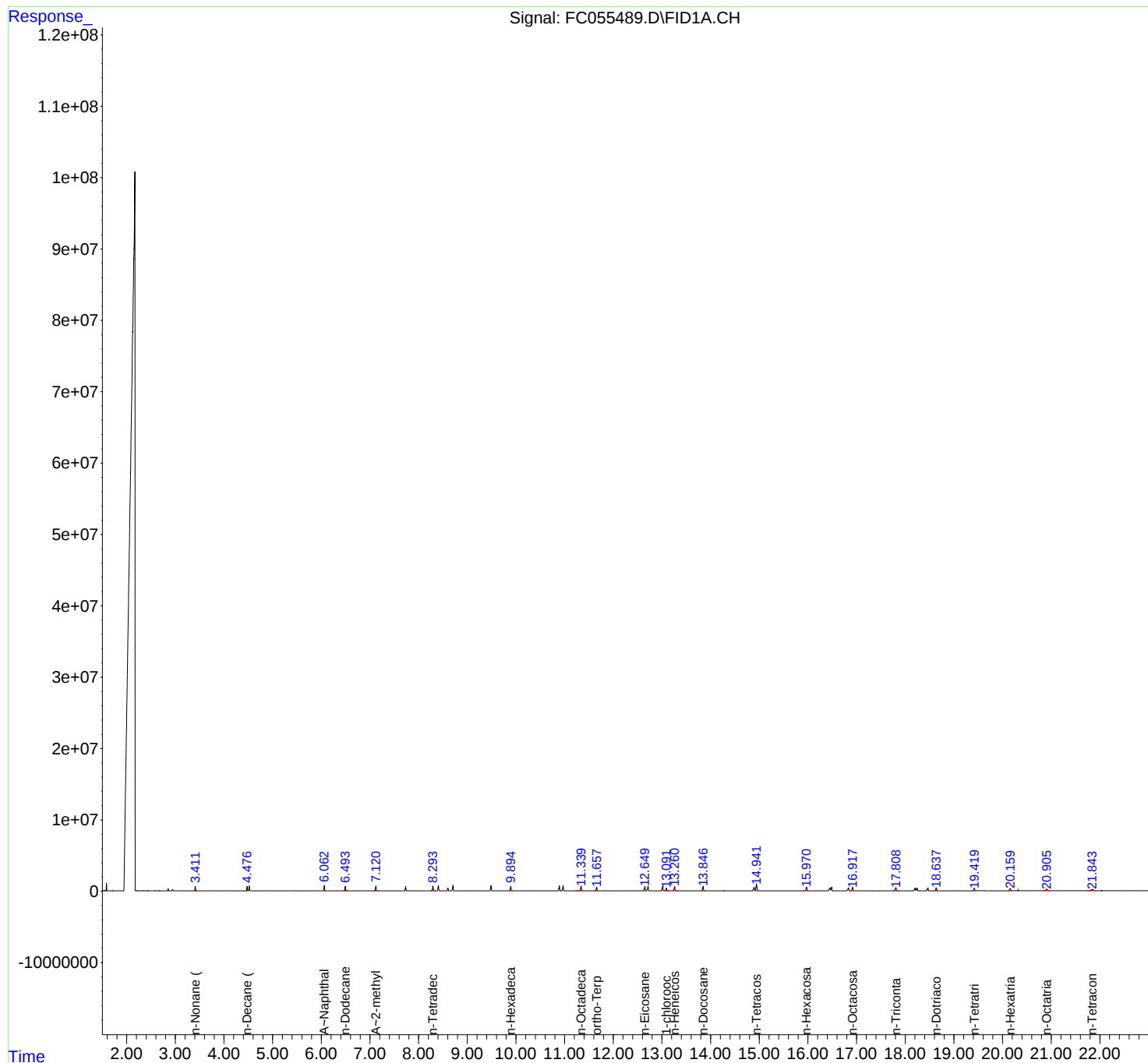
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PB138865BSD

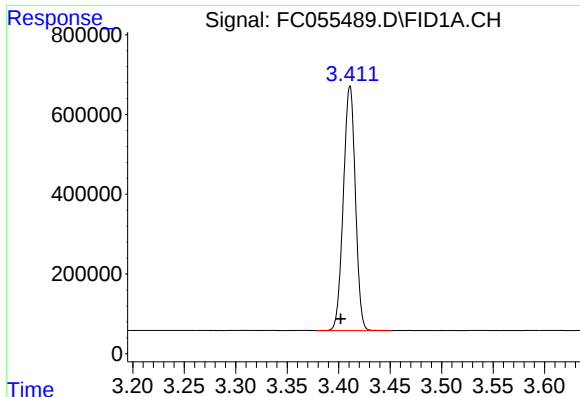
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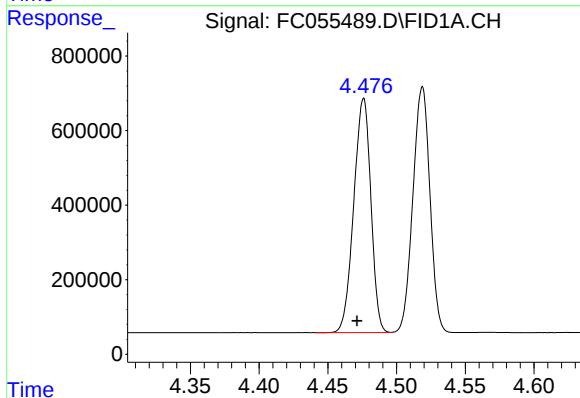
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.009 min
Response: 4991458
Conc: 46.18 ug/ml

Instrument :
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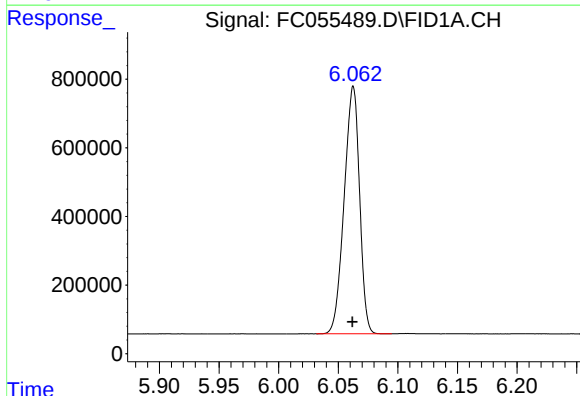
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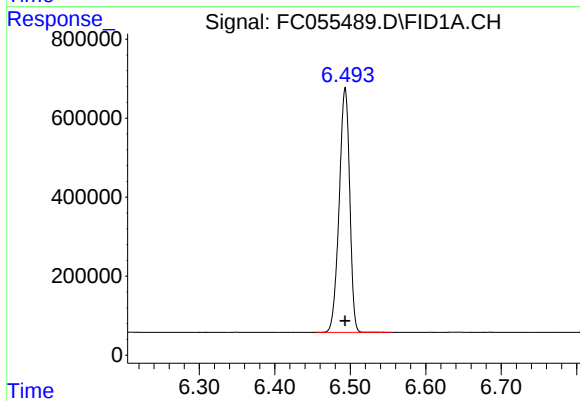
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.005 min
Response: 5449821
Conc: 49.98 ug/ml



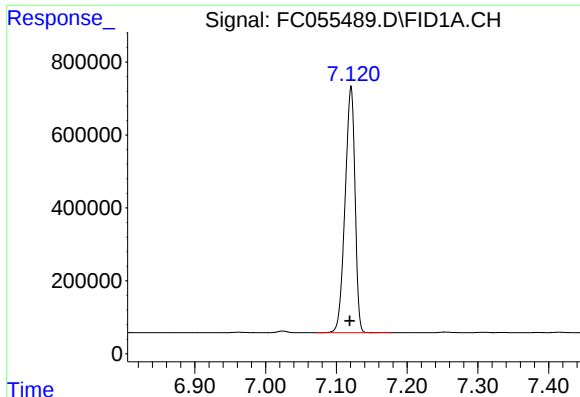
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 6484934
Conc: 52.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 5998332
Conc: 54.78 ug/ml



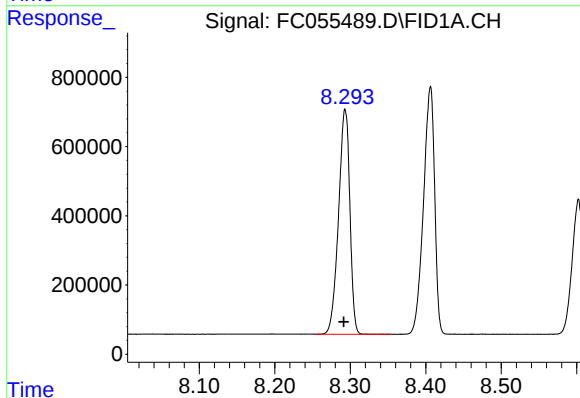
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 6588279
Conc: 52.94 ug/ml

Instrument :
FID_C
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PB138865BSD

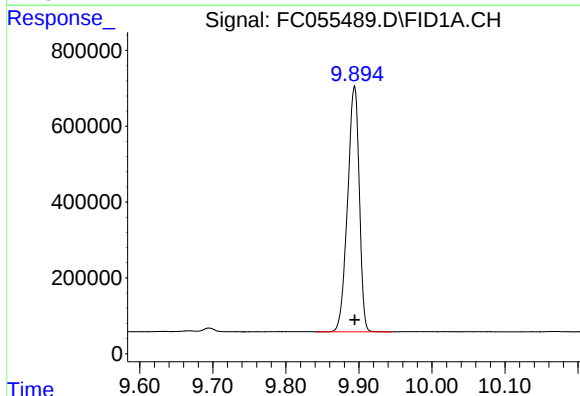
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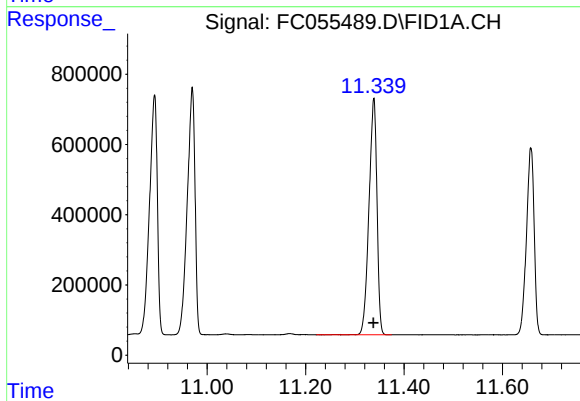
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 6768940
Conc: 60.78 ug/ml



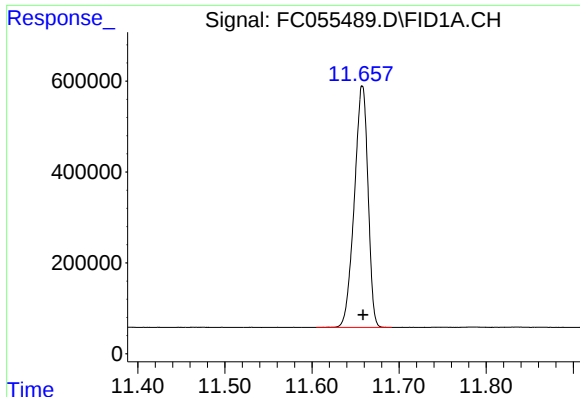
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 7220212
Conc: 63.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 7595293
Conc: 65.24 ug/ml



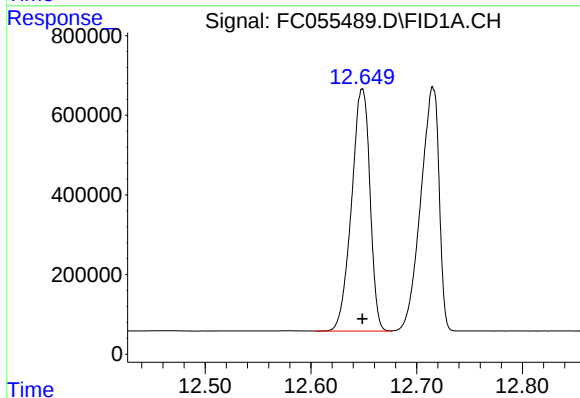
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.001 min
Response: 5791676
Conc: 46.36 ug/ml

Instrument :
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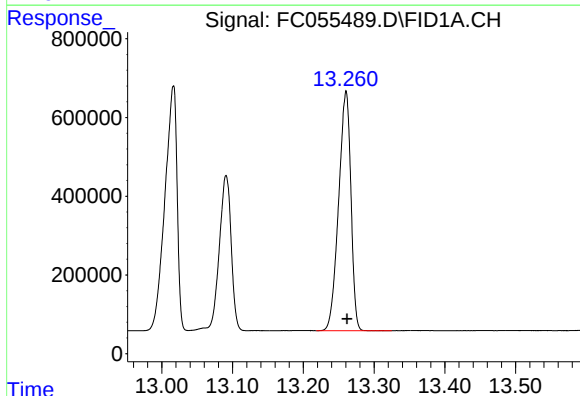
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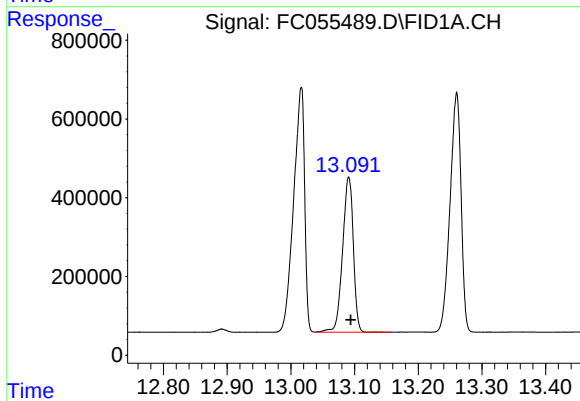
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 7370347
Conc: 63.08 ug/ml



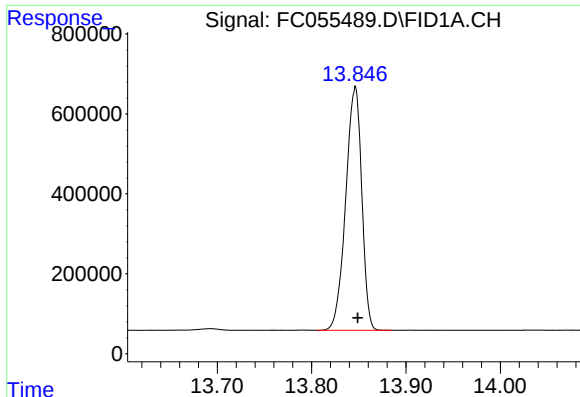
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.002 min
Response: 7317784
Conc: 62.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.003 min
Response: 4618558
Conc: 46.67 ug/ml



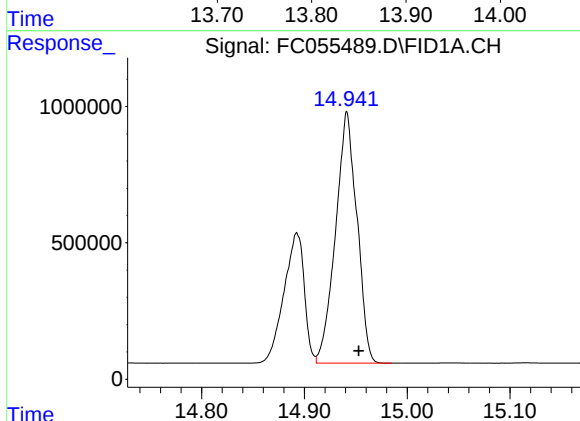
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.003 min
Response: 7192102
Conc: 61.65 ug/ml

Instrument :
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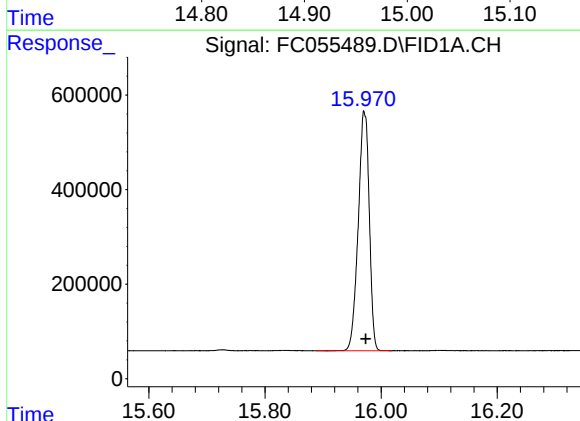
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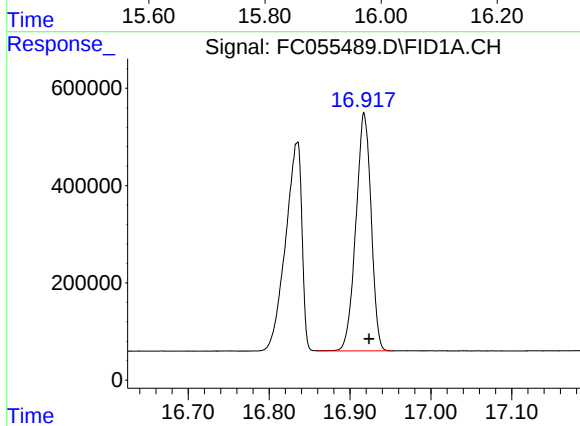
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.012 min
Response: 13330751
Conc: 114.47 ug/ml



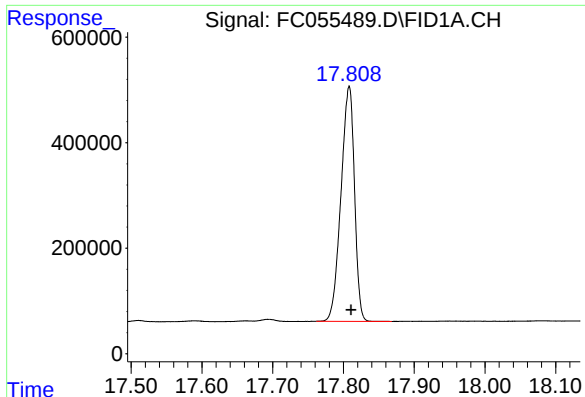
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.002 min
Response: 6672752
Conc: 58.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.918 min
Delta R.T.: -0.006 min
Response: 6398374
Conc: 57.82 ug/ml



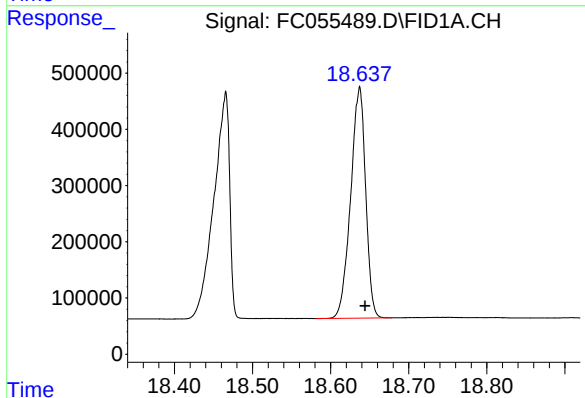
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.003 min
Response: 5906663
Conc: 55.55 ug/ml

Instrument :
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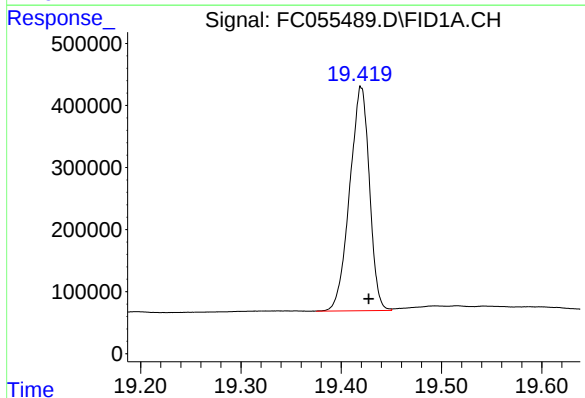
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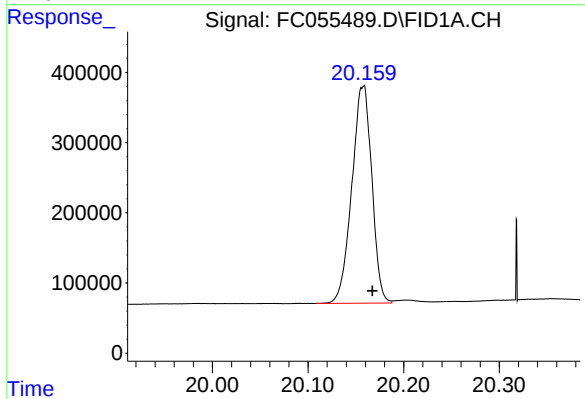
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.007 min
Response: 5482524
Conc: 54.70 ug/ml



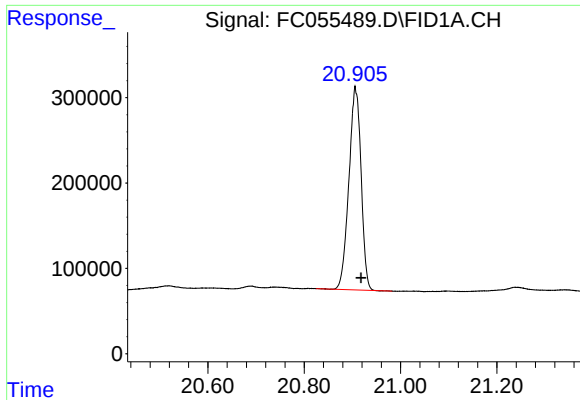
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.009 min
Response: 4935740
Conc: 52.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: -0.008 min
Response: 4514227
Conc: 51.99 ug/ml m



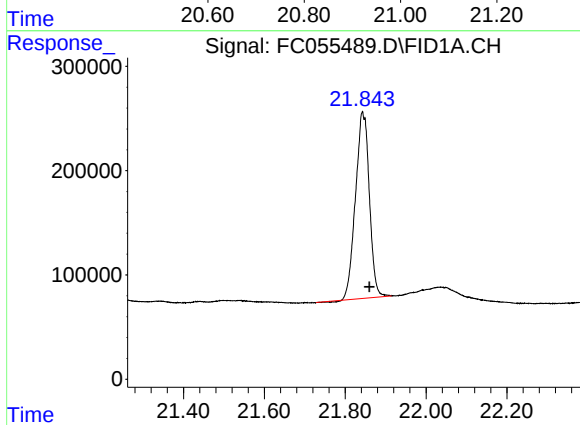
#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: -0.012 min
Response: 4190066
Conc: 51.41 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.843 min
Delta R.T.: -0.016 min
Response: 4240843
Conc: 52.80 ug/ml