

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072321AL\
 Data File : FC054842.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2021 7:38
 Operator : AJ\MA
 Sample : M3152-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 COLL-HOLE-BMSD

Manual Integrations
 APPROVED

mohammad
 7/26/2021 11:56:16 AM

Integration File: autoint1.e
 Quant Time: Jul 26 01:02:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.313	6995801	50.294 ug/ml
Spiked Amount 50.000		Recovery =	100.59%
12) S 1-chlorooctadecane (S...	12.754	5701157	51.286 ug/ml
Spiked Amount 50.000		Recovery =	102.57%
Target Compounds			
1) T n-Nonane (C9)	3.133	4235605	36.915 ug/ml
2) T n-Decane (C10)	4.186	4831641	41.575 ug/ml
3) T A~Naphthalene (C11.7)	5.748	5269953	43.800 ug/ml
4) T n-Dodecane (C12)	6.189	5493433	45.962 ug/ml
5) T A~2-methylnaphthalene...	6.801	5579383	45.685 ug/ml
6) T n-Tetradecane (C14)	7.978	6097805	49.568 ug/ml
7) T n-Hexadecane (C16)	9.571	6720365	53.309 ug/ml
8) T n-Octadecane (C18)	11.010	7265104	55.426 ug/ml
10) T n-Eicosane (C20)	12.315	7111114	53.969 ug/ml
11) T n-Heneicosane (C21)	12.924	7089810	53.235 ug/ml
13) T n-Docosane (C22)	13.509	6975426	52.674 ug/ml
14) T n-Tetracosane (C24)	14.609	6862591	52.051 ug/mlm
15) T n-Hexacosane (C26)	15.630	6533169	50.794 ug/ml
16) T n-Octacosane (C28)	16.575	6381143	48.450 ug/ml
17) T n-Tricontane (C30)	17.463	5828099	40.955 ug/ml
18) T n-Dotriacontane (C32)	18.292	5542433	44.786 ug/ml
19) T n-Tetratriacontane (C34)	19.075	5224155	51.021 ug/ml
20) T n-Hexatriacontane (C36)	19.813	4933156	52.089 ug/ml
21) T n-Octatriacontane (C38)	20.517	4746574	50.977 ug/ml
22) T n-Tetracontane (C40)	21.331	4843302	49.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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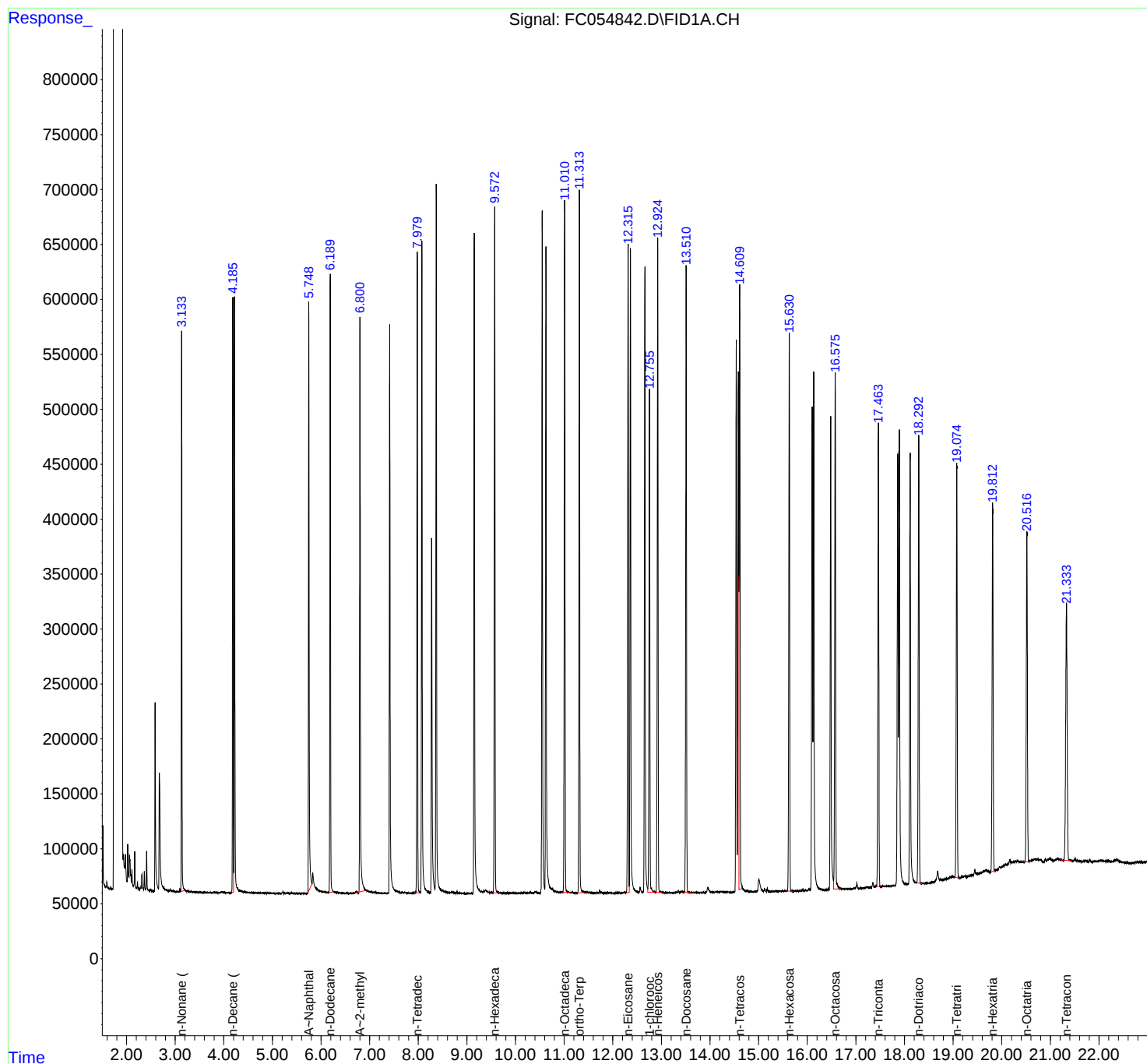
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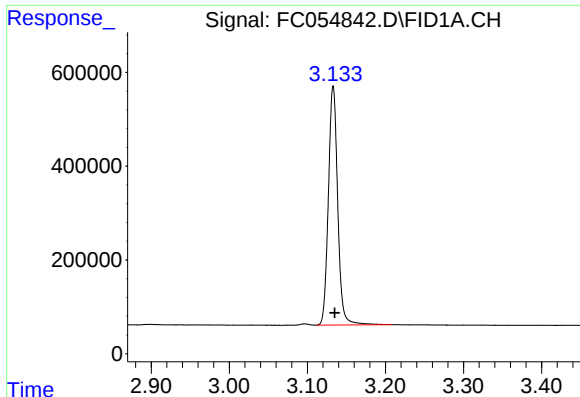
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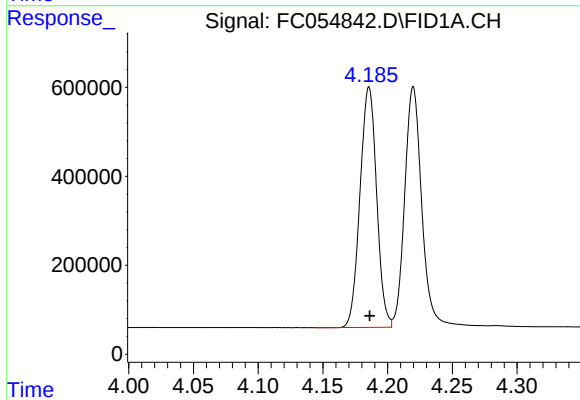
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 4235605
Conc: 36.91 ug/ml

Instrument :
FID_C
ClientSampleId :
COLL-HOLE-BMSD

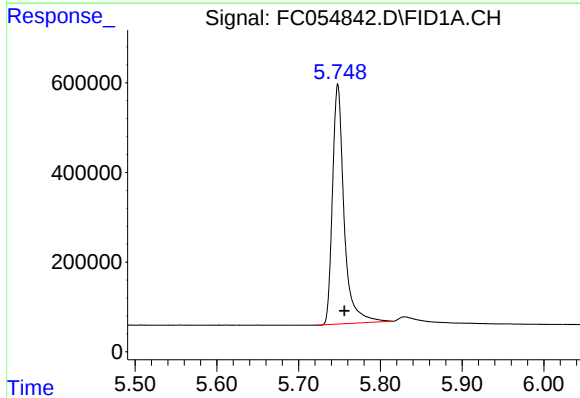
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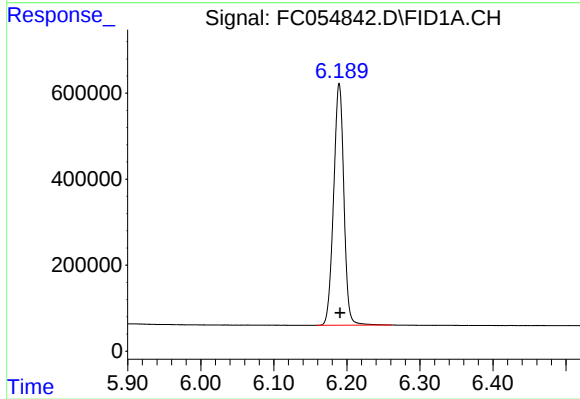
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 4831641
Conc: 41.58 ug/ml



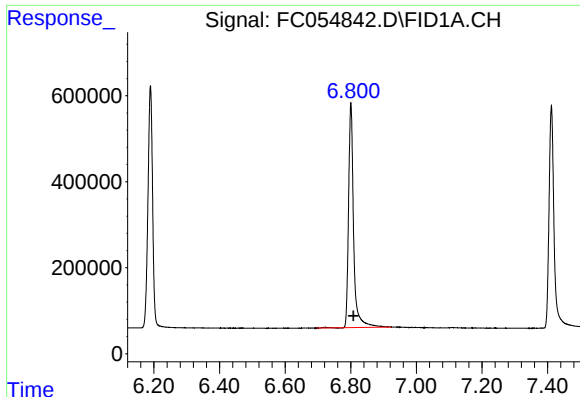
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.008 min
Response: 5269953
Conc: 43.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 5493433
Conc: 45.96 ug/ml



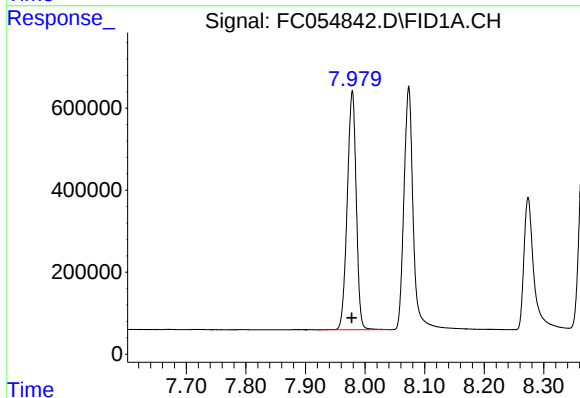
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.008 min
Response: 5579383
Conc: 45.69 ug/ml

Instrument :
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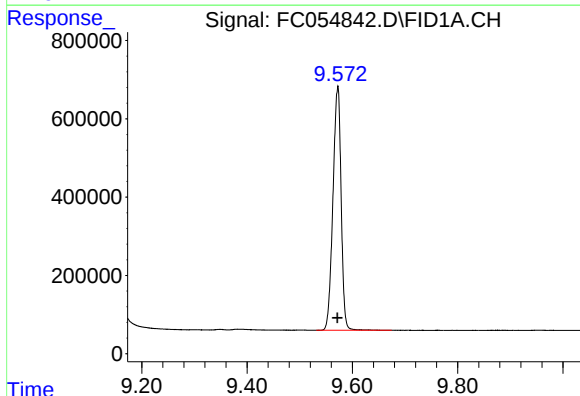
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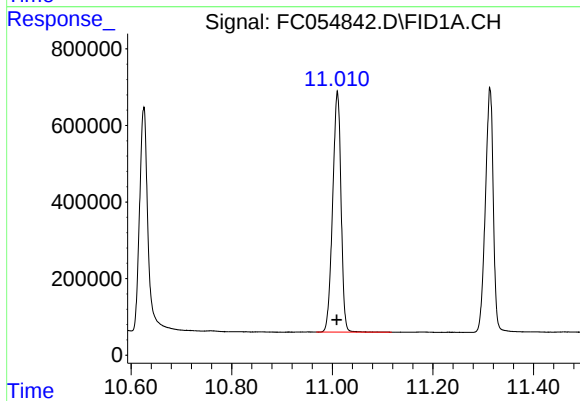
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 6097805
Conc: 49.57 ug/ml



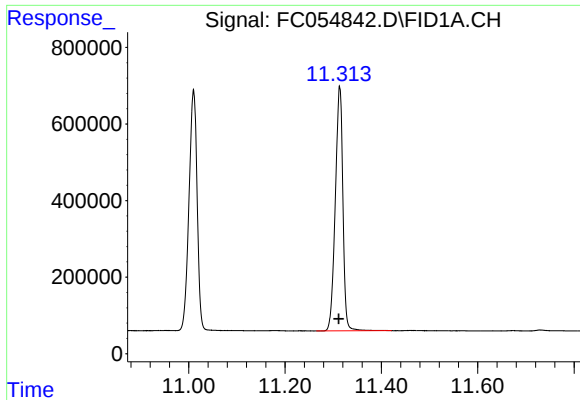
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.000 min
Response: 6720365
Conc: 53.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.010 min
Delta R.T.: 0.000 min
Response: 7265104
Conc: 55.43 ug/ml



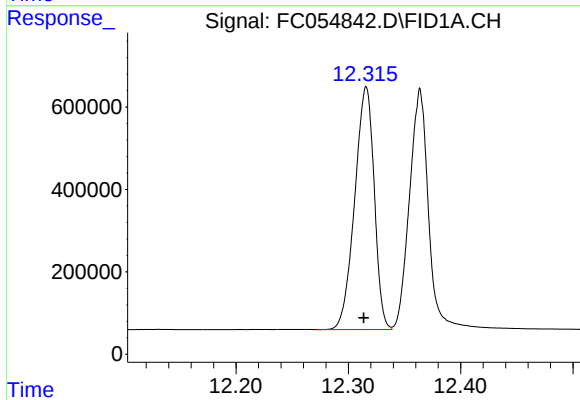
#9 ortho-Terphenyl (SURR)

R.T.: 11.313 min
Delta R.T.: 0.001 min
Response: 6995801
Conc: 50.29 ug/ml

Instrument :
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ClientSampleId :
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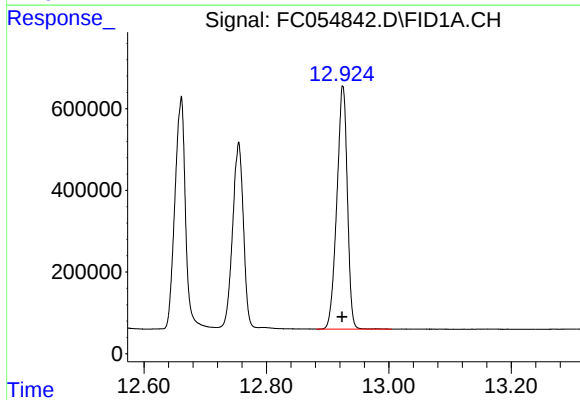
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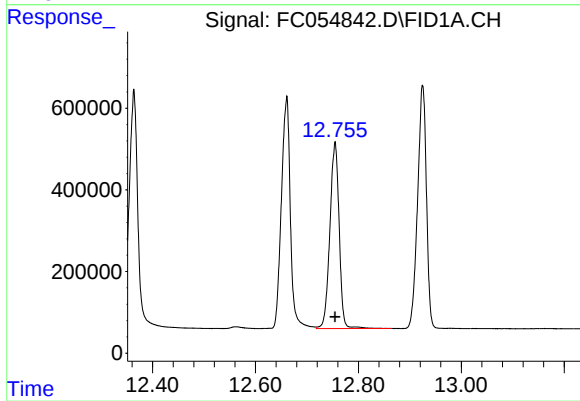
#10 n-Eicosane (C20)

R.T.: 12.315 min
Delta R.T.: 0.001 min
Response: 7111114
Conc: 53.97 ug/ml



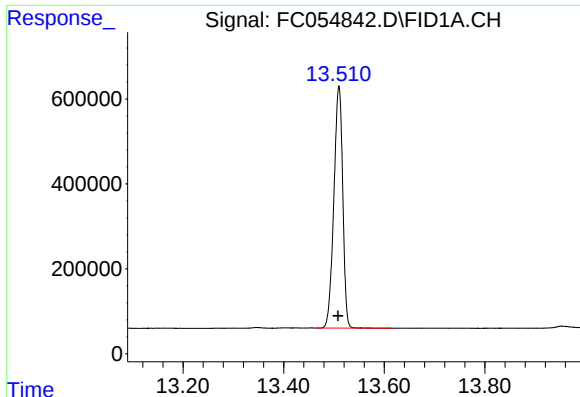
#11 n-Heneicosane (C21)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 7089810
Conc: 53.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.754 min
Delta R.T.: 0.000 min
Response: 5701157
Conc: 51.29 ug/ml



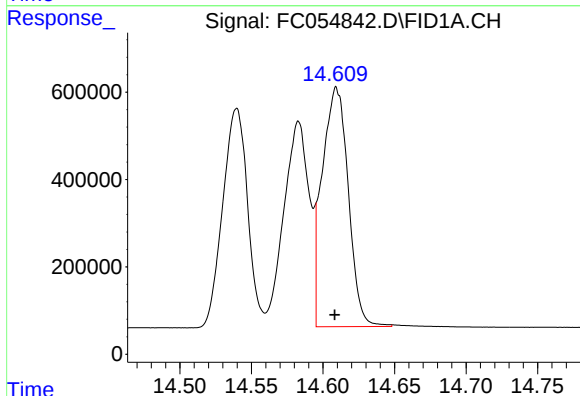
#13 n-Docosane (C22)

R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 6975426
Conc: 52.67 ug/ml

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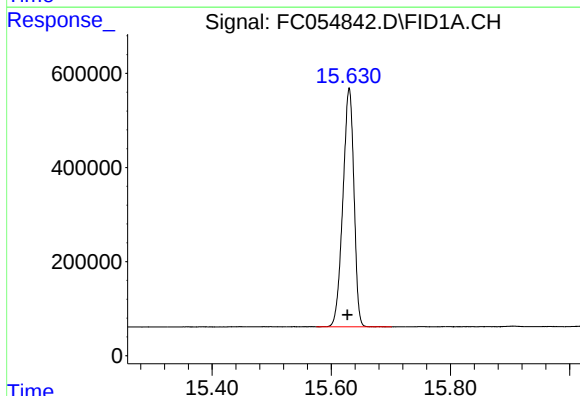
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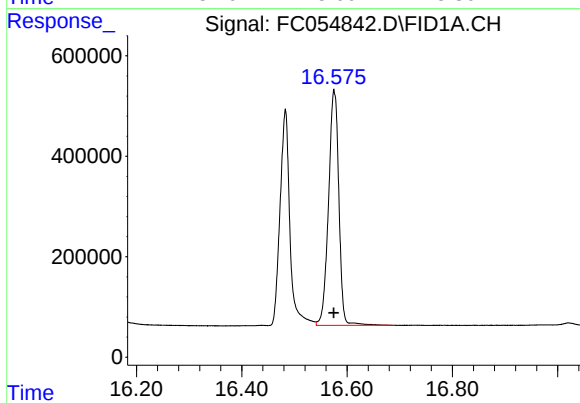
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 6862591
Conc: 52.05 ug/ml m



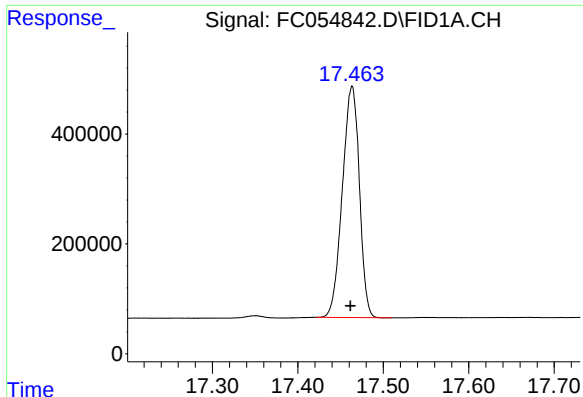
#15 n-Hexacosane (C26)

R.T.: 15.630 min
Delta R.T.: 0.002 min
Response: 6533169
Conc: 50.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.575 min
Delta R.T.: 0.000 min
Response: 6381143
Conc: 48.45 ug/ml



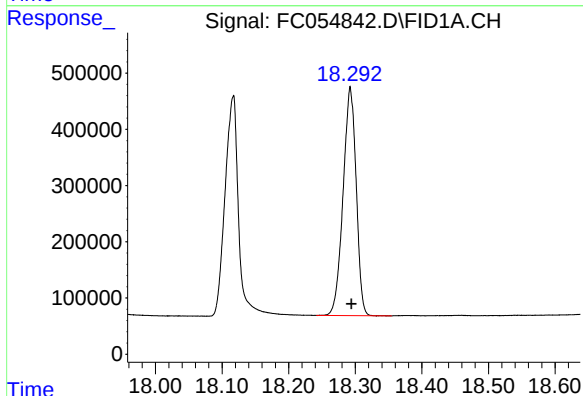
#17 n-Tricontane (C30)

R.T.: 17.463 min
Delta R.T.: 0.001 min
Response: 5828099
Conc: 40.96 ug/ml

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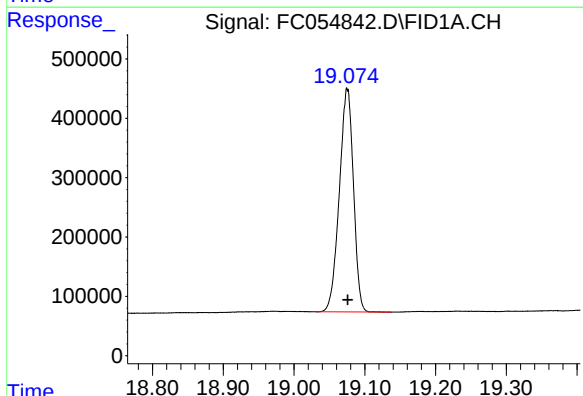
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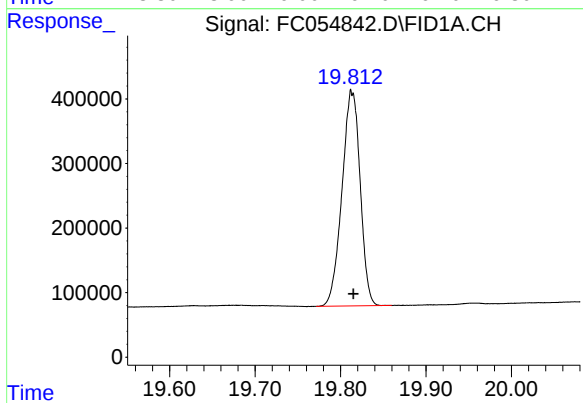
#18 n-Dotriacontane (C32)

R.T.: 18.292 min
Delta R.T.: -0.002 min
Response: 5542433
Conc: 44.79 ug/ml



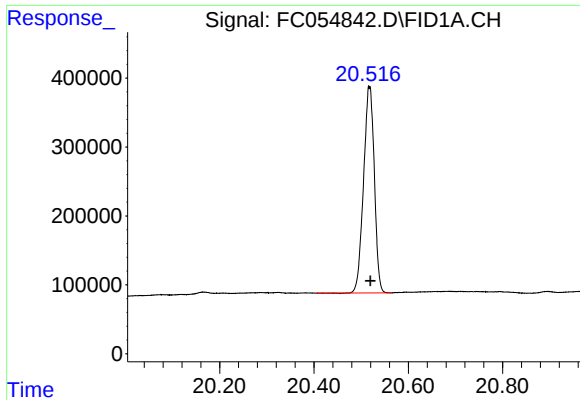
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.001 min
Response: 5224155
Conc: 51.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.813 min
Delta R.T.: -0.002 min
Response: 4933156
Conc: 52.09 ug/ml



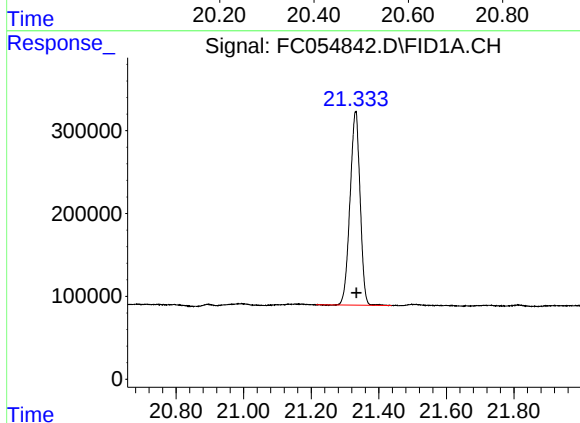
#21 n-Octatriacontane (C38)

R.T.: 20.517 min
Delta R.T.: -0.003 min
Response: 4746574
Conc: 50.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.331 min
Delta R.T.: -0.003 min
Response: 4843302
Conc: 49.90 ug/ml