

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054579.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 4:13
 Operator : DD\AJ
 Sample : M2926-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-EPH-2MS

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:40:48 AM

Integration File: sample.E
 Quant Time: Jul 08 06:27:50 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)	11.332	5955857	42.070 ug/ml
Spiked Amount 50.000		Recovery =	84.14%
12) S 1-chlorooctadecane (S...	12.775	4769761	42.788 ug/ml
Spiked Amount 50.000		Recovery =	85.58%
Target Compounds			
1) T n-Nonane (C9)	3.144	3621844	30.799 ug/ml
2) T n-Decane (C10)	4.199	4436438	37.362 ug/ml
3) T A~Naphthalene (C11.7)	5.764	5063305	38.513 ug/ml
4) T n-Dodecane (C12)	6.205	5260868	43.894 ug/ml
5) T A~2-methylnaphthalene...	6.816	5404553	40.937 ug/ml
6) T n-Tetradecane (C14)	7.996	5788698	47.511 ug/ml
7) T n-Hexadecane (C16)	9.591	6200546	49.779 ug/ml
8) T n-Octadecane (C18)	11.029	6636148	51.380 ug/ml
10) T n-Eicosane (C20)	12.335	6541886	50.276 ug/ml
11) T n-Heneicosane (C21)	12.946	6564763	49.445 ug/ml
13) T n-Docosane (C22)	13.529	6505228	49.103 ug/mlm
14) T n-Tetracosane (C24)	14.630	6277142	46.370 ug/ml
15) T n-Hexacosane (C26)	15.653	6365217	46.973 ug/mlm
16) T n-Octacosane (C28)	16.599	6064302	44.182 ug/ml
17) T n-Tricontane (C30)	17.487	6047923	43.666 ug/ml
18) T n-Dotriacontane (C32)	18.316	5774654	42.209 ug/ml
19) T n-Tetratriacontane (C34)	19.098	5371924	39.758 ug/mlm
20) T n-Hexatriacontane (C36)	19.838	4919075	39.850 ug/ml
21) T n-Octatriacontane (C38)	20.541	4623547	40.874 ug/mlm
22) T n-Tetracontane (C40)	21.365	4742639	41.960 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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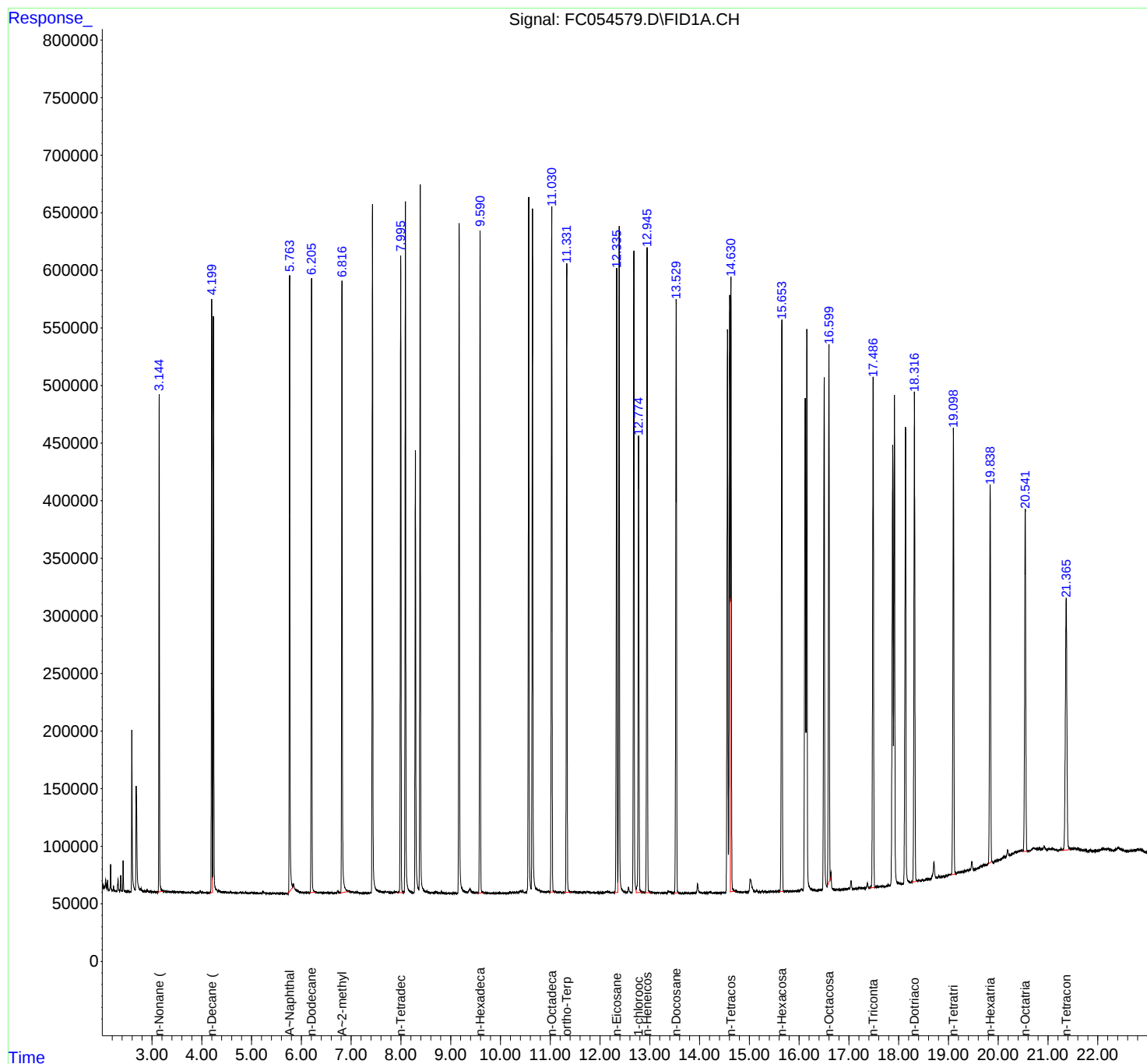
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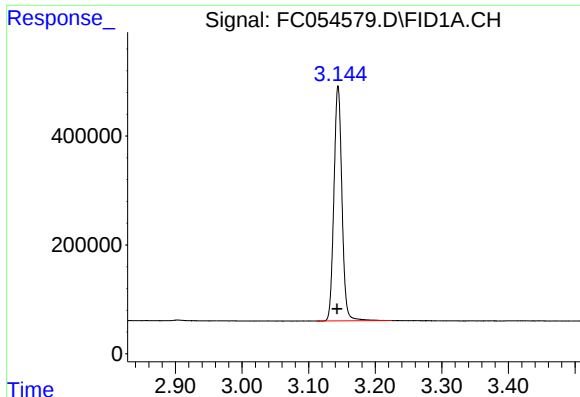
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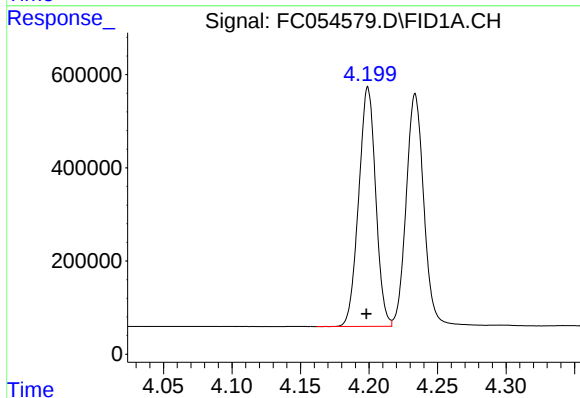
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.001 min
Response: 3621844
Conc: 30.80 ug/ml

Instrument :
FID_C
ClientSampleId :
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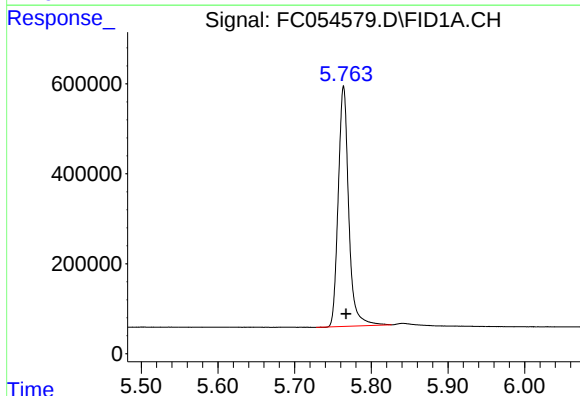
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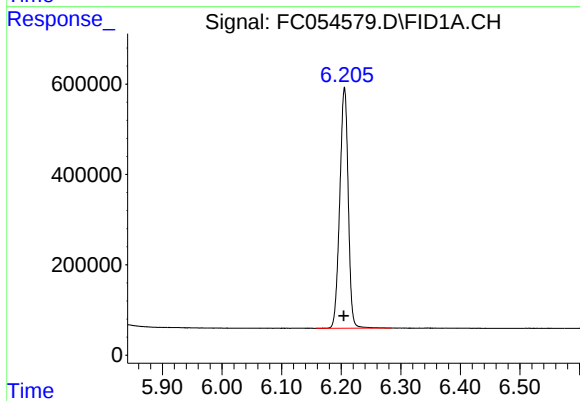
#2 n-Decane (C10)

R.T.: 4.199 min
Delta R.T.: 0.001 min
Response: 4436438
Conc: 37.36 ug/ml



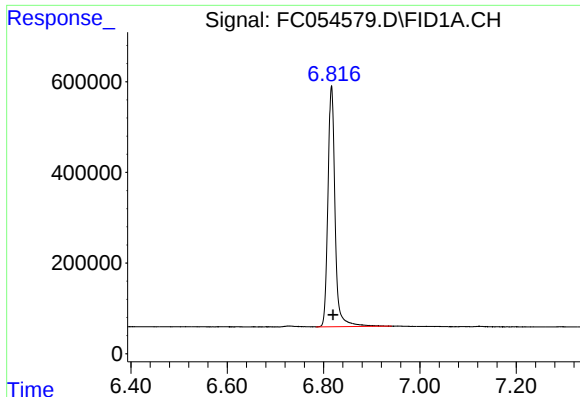
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.003 min
Response: 5063305
Conc: 38.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 5260868
Conc: 43.89 ug/ml



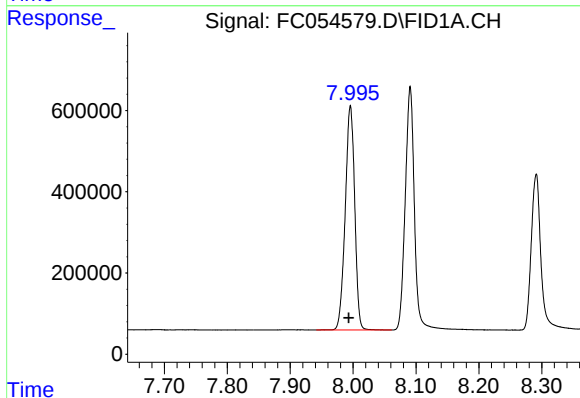
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.816 min
Delta R.T.: -0.003 min
Response: 5404553
Conc: 40.94 ug/ml

Instrument :
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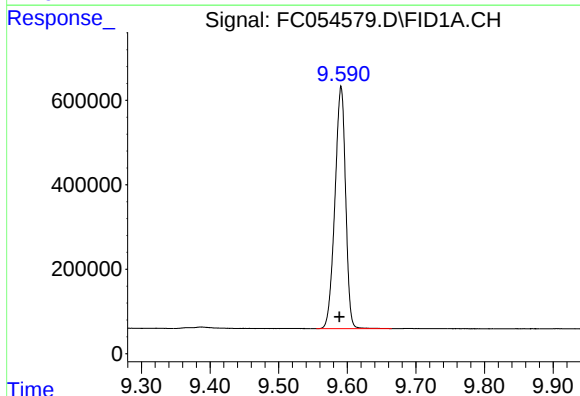
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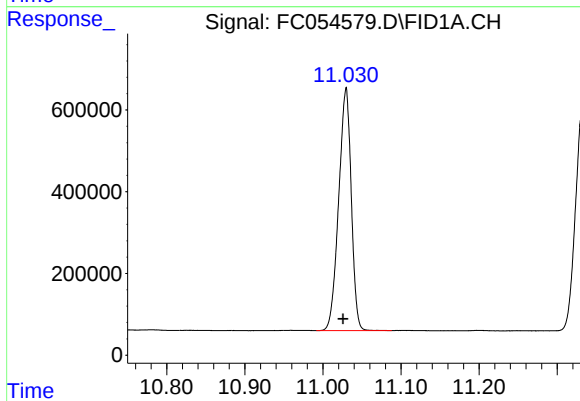
#6 n-Tetradecane (C14)

R.T.: 7.996 min
Delta R.T.: 0.003 min
Response: 5788698
Conc: 47.51 ug/ml



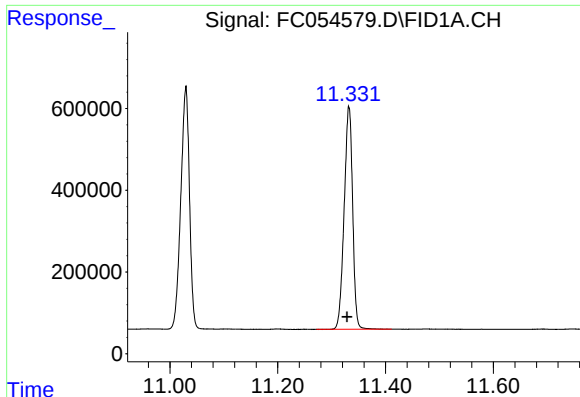
#7 n-Hexadecane (C16)

R.T.: 9.591 min
Delta R.T.: 0.002 min
Response: 6200546
Conc: 49.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.029 min
Delta R.T.: 0.004 min
Response: 6636148
Conc: 51.38 ug/ml



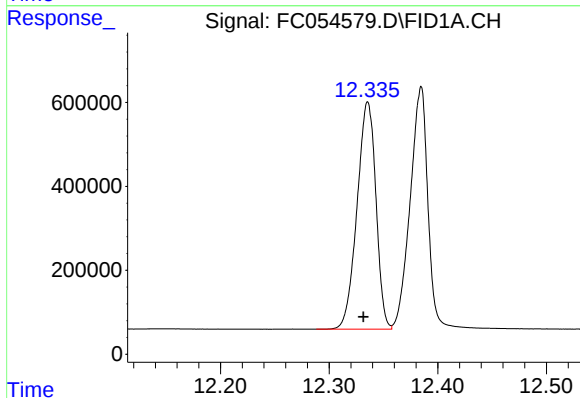
#9 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: 0.003 min
Response: 5955857
Conc: 42.07 ug/ml

Instrument :
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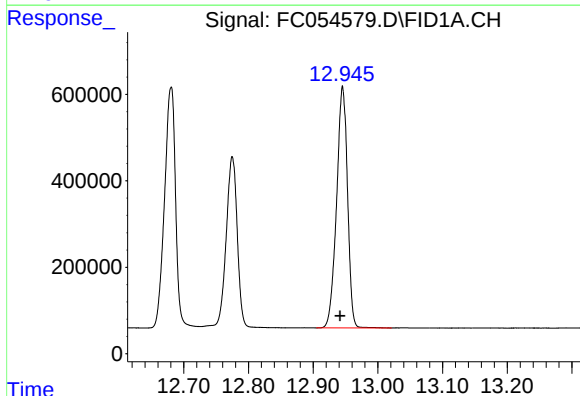
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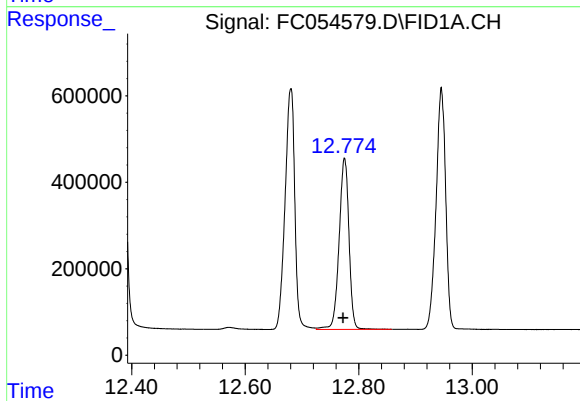
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.004 min
Response: 6541886
Conc: 50.28 ug/ml



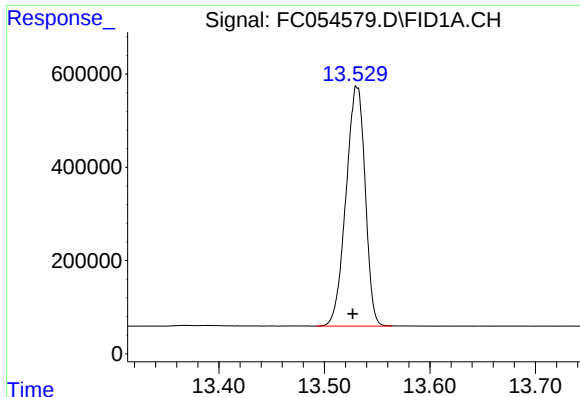
#11 n-Heneicosane (C21)

R.T.: 12.946 min
Delta R.T.: 0.004 min
Response: 6564763
Conc: 49.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.775 min
Delta R.T.: 0.002 min
Response: 4769761
Conc: 42.79 ug/ml



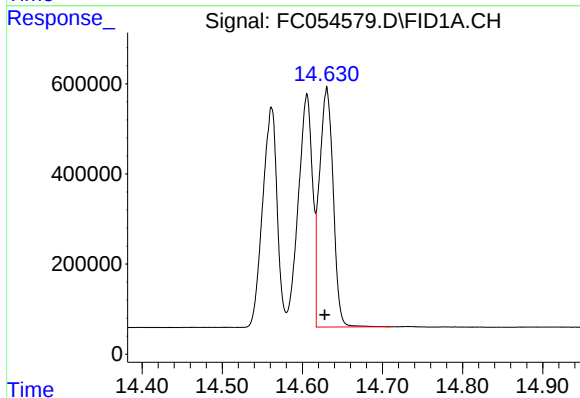
#13 n-Docosane (C22)

R.T.: 13.529 min
Delta R.T.: 0.003 min
Response: 6505228
Conc: 49.10 ug/ml m

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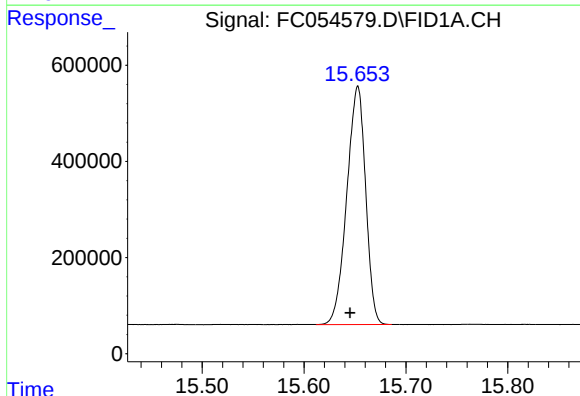
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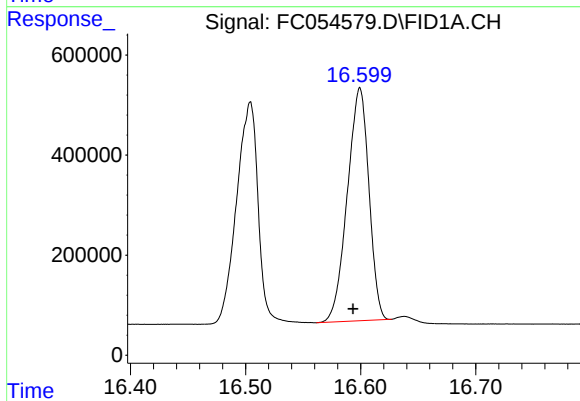
#14 n-Tetracosane (C24)

R.T.: 14.630 min
Delta R.T.: 0.003 min
Response: 6277142
Conc: 46.37 ug/ml



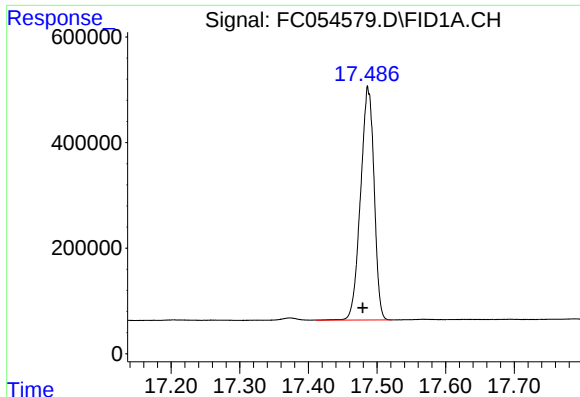
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.007 min
Response: 6365217
Conc: 46.97 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: 0.005 min
Response: 6064302
Conc: 44.18 ug/ml



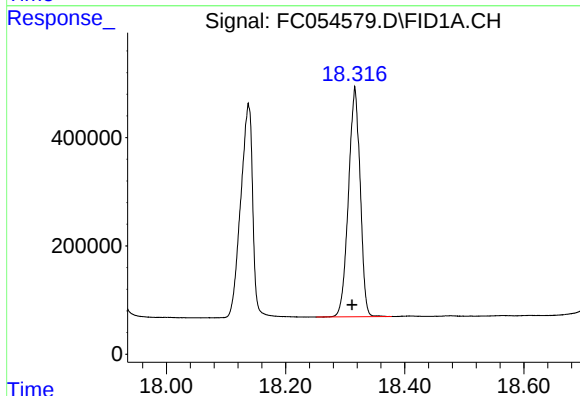
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 6047923
Conc: 43.67 ug/ml

Instrument :
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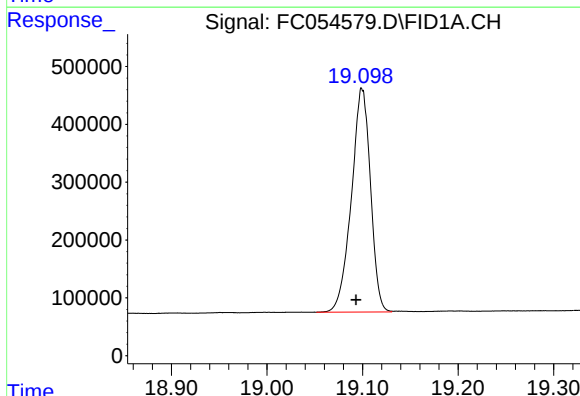
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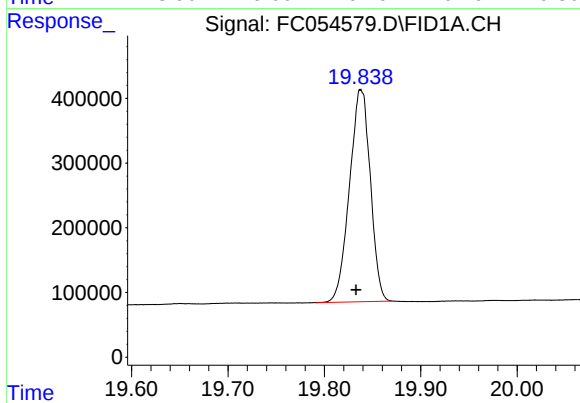
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.005 min
Response: 5774654
Conc: 42.21 ug/ml



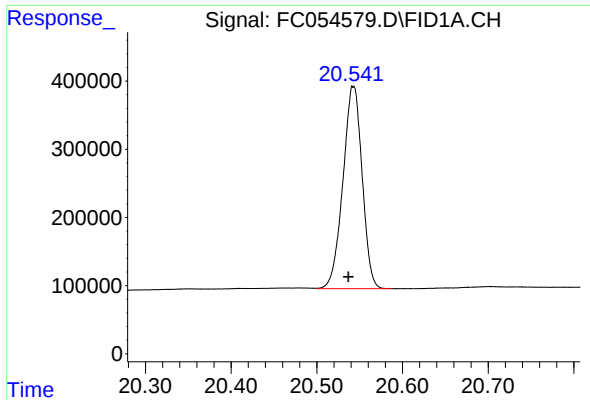
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: 0.005 min
Response: 5371924
Conc: 39.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.838 min
Delta R.T.: 0.005 min
Response: 4919075
Conc: 39.85 ug/ml



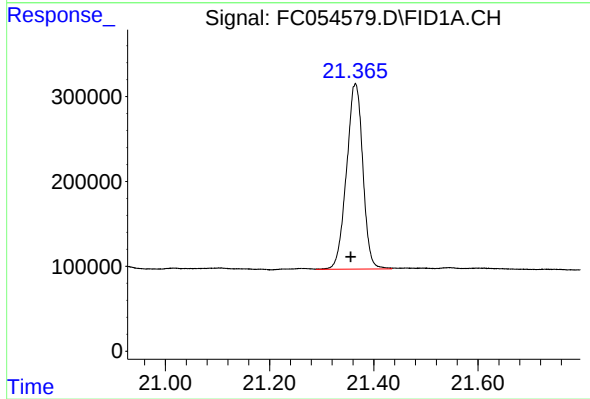
#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: 0.004 min
Response: 4623547
Conc: 40.87 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.365 min
Delta R.T.: 0.009 min
Response: 4742639
Conc: 41.96 ug/ml m