

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022621AL\
 Data File : FC052180.D
 Signal(s) : FID1A.CH
 Acq On : 27 Feb 2021 3:19
 Operator : DD\AJ
 Sample : M1501-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 R-LA-3-7MSD

Manual Integrations
 APPROVED

mohammad
 3/1/2021 11:34:15 AM

Integration File: sample.E
 Quant Time: Feb 27 05:55:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.694	4053156	33.393 ug/ml
Spiked Amount 50.000		Recovery =	66.79%
12) S 1-chlorooctadecane (S...	13.124	3133507	31.913 ug/ml
Spiked Amount 50.000		Recovery =	63.83%
Target Compounds			
1) T n-Nonane (C9)	3.450	3403175	32.206 ug/ml
2) T n-Decane (C10)	4.518	4037263	37.886 ug/ml
3) T A~Naphthalene (C11.7)	6.110	4897020	40.946 ug/ml
4) T n-Dodecane (C12)	6.535	4488046	41.505 ug/ml
5) T A~2-methylnaphthalene...	7.167	5158922	42.278 ug/ml
6) T n-Tetradecane (C14)	8.332	4638315	42.711 ug/ml
7) T n-Hexadecane (C16)	9.929	4667170	43.246 ug/ml
8) T n-Octadecane (C18)	11.370	4819744	42.632 ug/ml
10) T n-Eicosane (C20)	12.679	4748014	41.342 ug/ml
11) T n-Heneicosane (C21)	13.291	4776824	41.448 ug/ml
13) T n-Docosane (C22)	13.877	4646620	40.088 ug/ml
14) T n-Tetracosane (C24)	14.976	8610542	73.533 ug/ml
15) T n-Hexacosane (C26)	16.001	4295352	36.739 ug/ml
16) T n-Octacosane (C28)	16.950	4140150	35.203 ug/ml
17) T n-Tricontane (C30)	17.841	3926973	33.223 ug/ml
18) T n-Dotriacontane (C32)	18.675	3914443	33.380 ug/ml
19) T n-Tetratriacontane (C34)	19.465	3631078	31.351 ug/ml
20) T n-Hexatriacontane (C36)	20.214	3432968	30.855 ug/ml
21) T n-Octatriacontane (C38)	20.987	3353774	32.747 ug/ml
22) T n-Tetracontane (C40)	21.963f	3424687	33.224 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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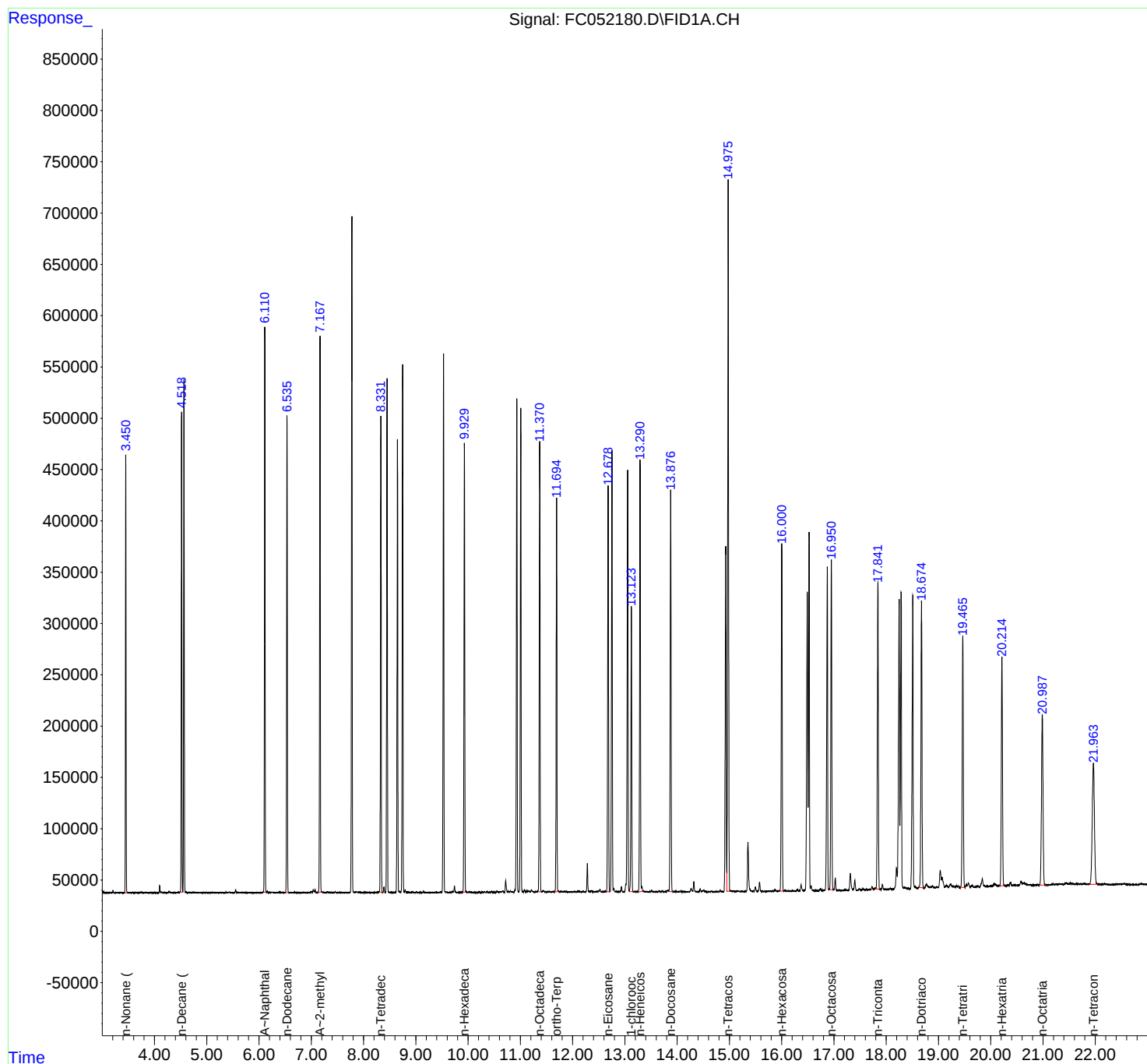
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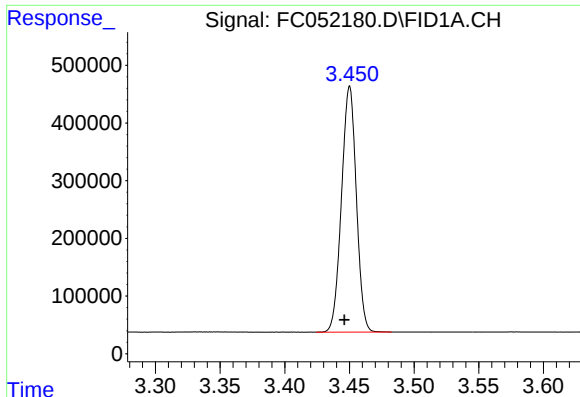
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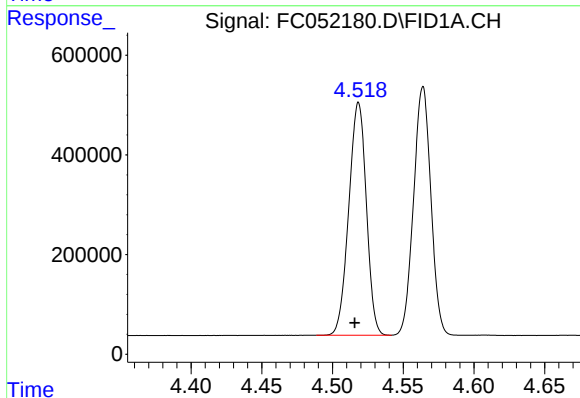
#1 n-Nonane (C9)

R.T.: 3.450 min
Delta R.T.: 0.004 min
Response: 3403175
Conc: 32.21 ug/ml

Instrument :
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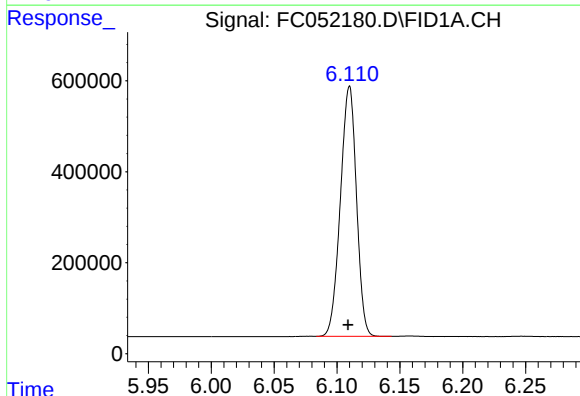
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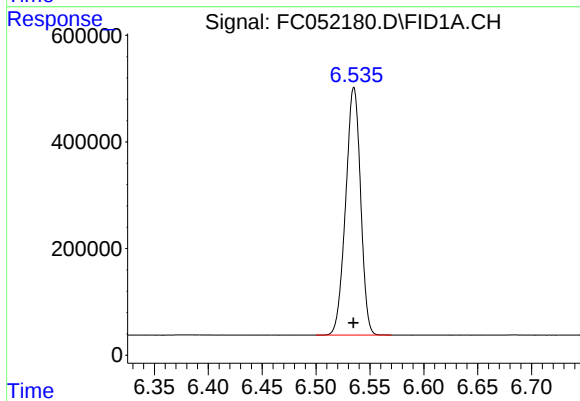
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 4037263
Conc: 37.89 ug/ml



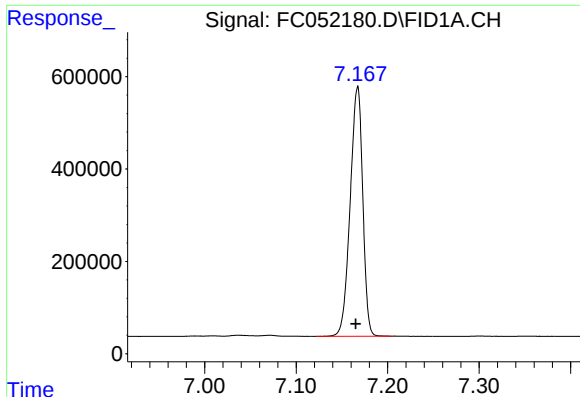
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 4897020
Conc: 40.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 4488046
Conc: 41.50 ug/ml



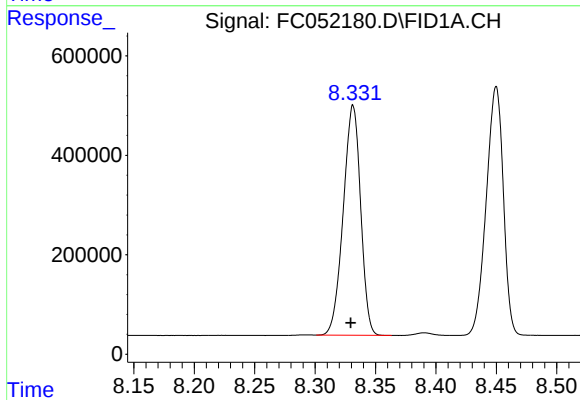
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 5158922
Conc: 42.28 ug/ml

Instrument :
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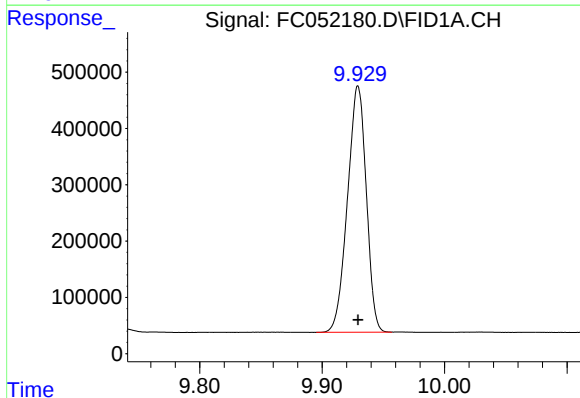
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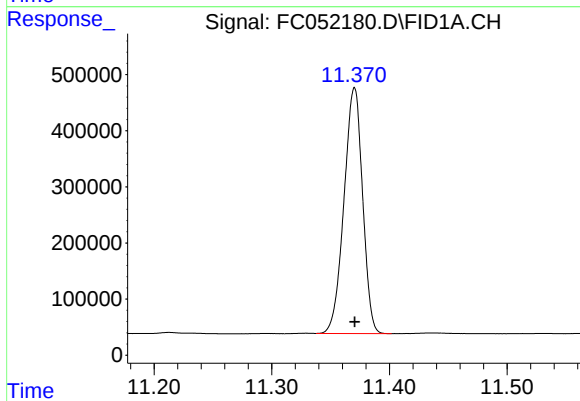
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.002 min
Response: 4638315
Conc: 42.71 ug/ml



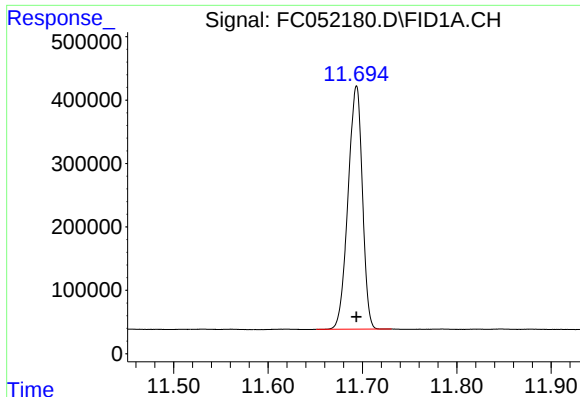
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 4667170
Conc: 43.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: 0.000 min
Response: 4819744
Conc: 42.63 ug/ml



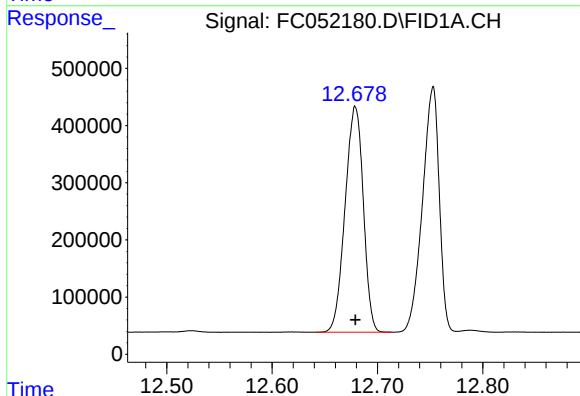
#9 ortho-Terphenyl (SURR)

R.T.: 11.694 min
Delta R.T.: 0.000 min
Response: 4053156
Conc: 33.39 ug/ml

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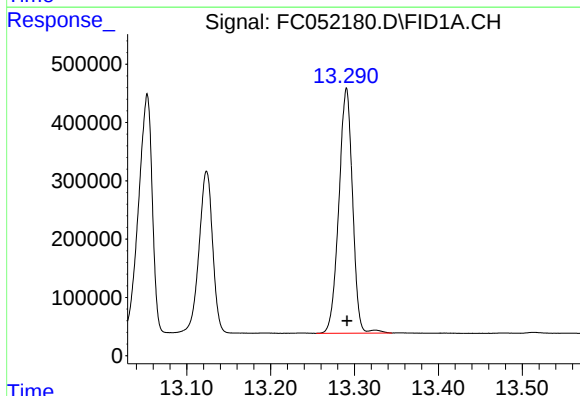
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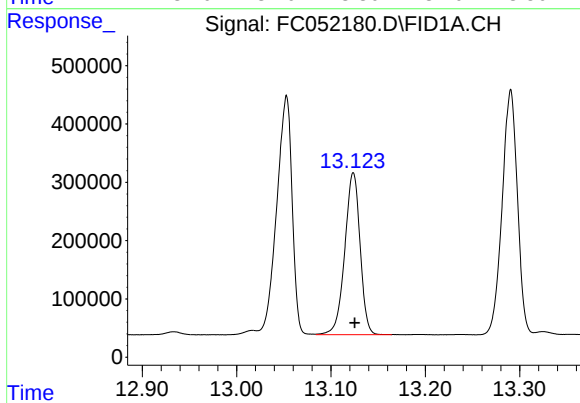
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 4748014
Conc: 41.34 ug/ml



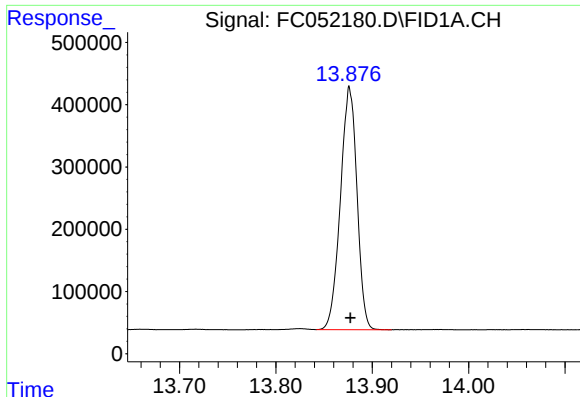
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: 0.000 min
Response: 4776824
Conc: 41.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: -0.001 min
Response: 3133507
Conc: 31.91 ug/ml



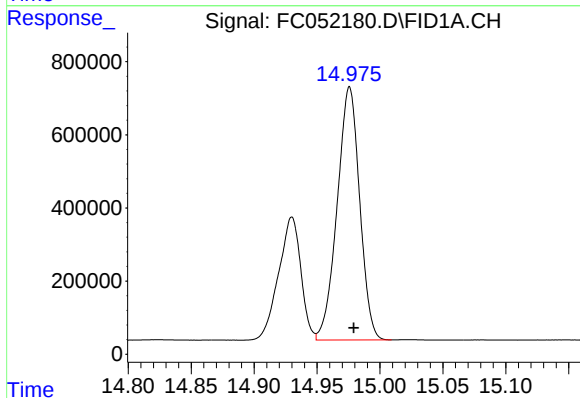
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: 0.000 min
Response: 4646620
Conc: 40.09 ug/ml

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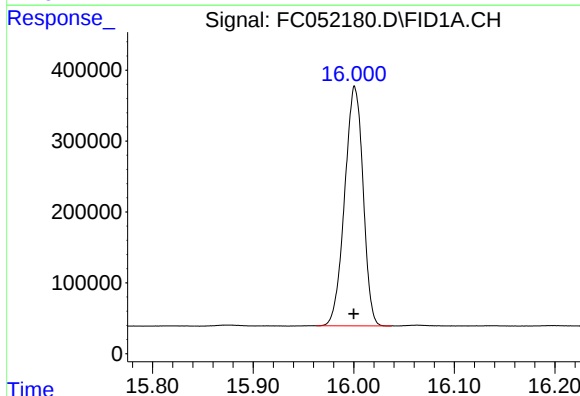
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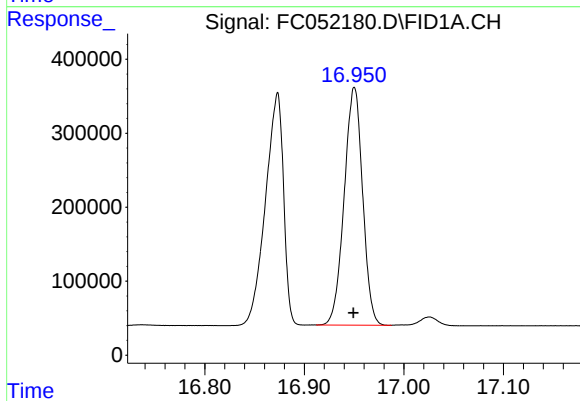
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.003 min
Response: 8610542
Conc: 73.53 ug/ml



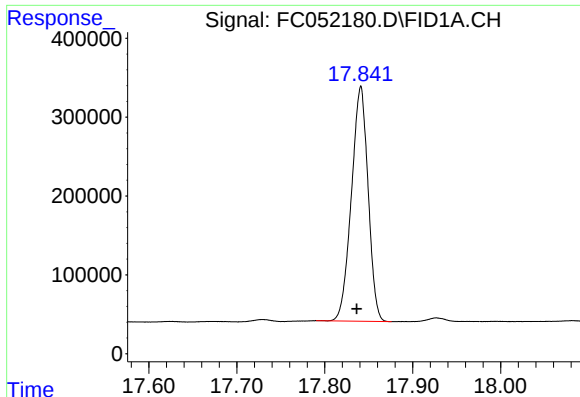
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.000 min
Response: 4295352
Conc: 36.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: 0.000 min
Response: 4140150
Conc: 35.20 ug/ml



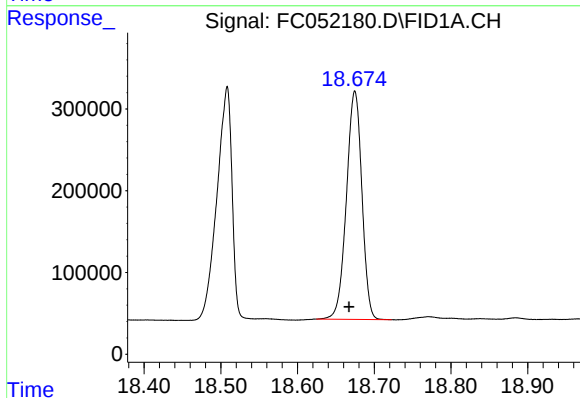
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 3926973
Conc: 33.22 ug/ml

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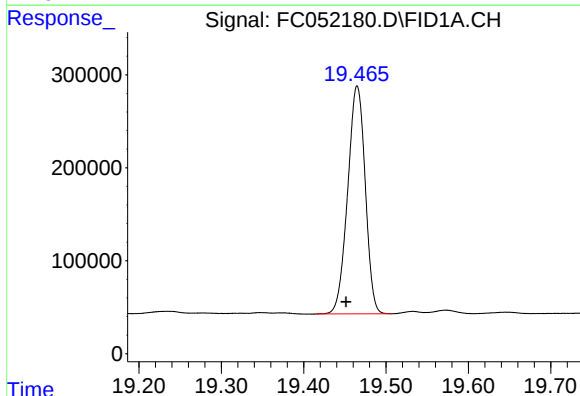
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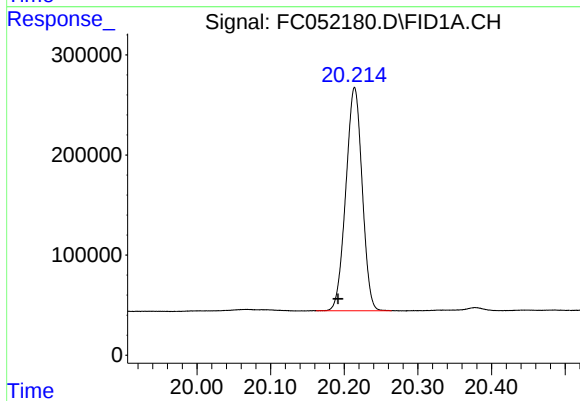
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: 0.008 min
Response: 3914443
Conc: 33.38 ug/ml



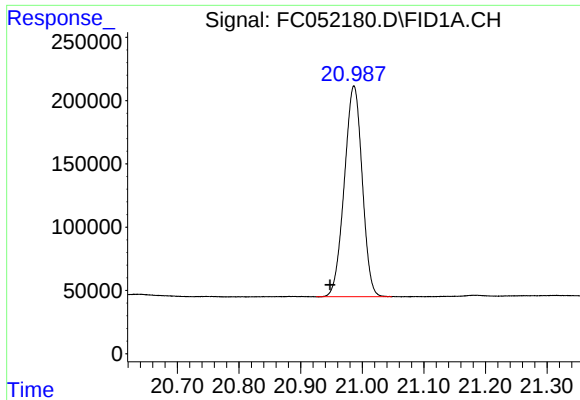
#19 n-Tetratriacontane (C34)

R.T.: 19.465 min
Delta R.T.: 0.013 min
Response: 3631078
Conc: 31.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.214 min
Delta R.T.: 0.022 min
Response: 3432968
Conc: 30.85 ug/ml



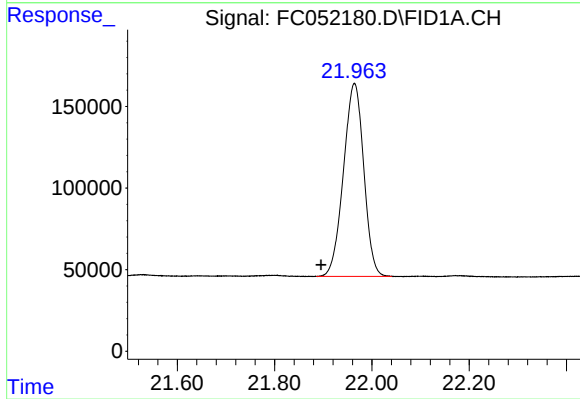
#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: 0.039 min
Response: 3353774
Conc: 32.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: 0.068 min
Response: 3424687
Conc: 33.22 ug/ml m