

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072321AL\
 Data File : FC054820.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2021 17:00
 Operator : AJ\MA
 Sample : PB137901BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137901BSD

Manual Integrations
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mohammad
 7/26/2021 11:55:57 AM

Integration File: autoint1.e
 Quant Time: Jul 23 22:47:57 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)	11.314	7870993	56.586 ug/ml
Spiked Amount 50.000		Recovery =	113.17%
12) S 1-chlorooctadecane (S...	12.756	6322962	56.879 ug/ml
Spiked Amount 50.000		Recovery =	113.76%
Target Compounds			
1) T n-Nonane (C9)	3.148	5881546	51.259 ug/ml
2) T n-Decane (C10)	4.193	6324215	54.419 ug/ml
3) T A~Naphthalene (C11.7)	5.751	7176722	59.647 ug/ml
4) T n-Dodecane (C12)	6.191	7059064	59.061 ug/ml
5) T A~2-methylnaphthalene...	6.802	7208209	59.023 ug/ml
6) T n-Tetradecane (C14)	7.980	7874910	64.014 ug/ml
7) T n-Hexadecane (C16)	9.573	8436843	66.925 ug/ml
8) T n-Octadecane (C18)	11.012	8948786	68.271 ug/ml
10) T n-Eicosane (C20)	12.317	8733726	66.283 ug/ml
11) T n-Heneicosane (C21)	12.927	8719764	65.474 ug/ml
13) T n-Docosane (C22)	13.511	8605509	64.984 ug/ml
14) T n-Tetracosane (C24)	14.612	9067418	68.774 ug/mlm
15) T n-Hexacosane (C26)	15.632	8101430	62.987 ug/ml
16) T n-Octacosane (C28)	16.577	7837423	59.507 ug/ml
17) T n-Tricontane (C30)	17.465	7052888	49.562 ug/ml
18) T n-Dotriacontane (C32)	18.293	6520655	52.690 ug/ml
19) T n-Tetratriacontane (C34)	19.076	6103656	59.610 ug/ml
20) T n-Hexatriacontane (C36)	19.814	5777953	61.009 ug/ml
21) T n-Octatriacontane (C38)	20.518	5617988	60.336 ug/ml
22) T n-Tetracontane (C40)	21.332	5790853	59.665 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

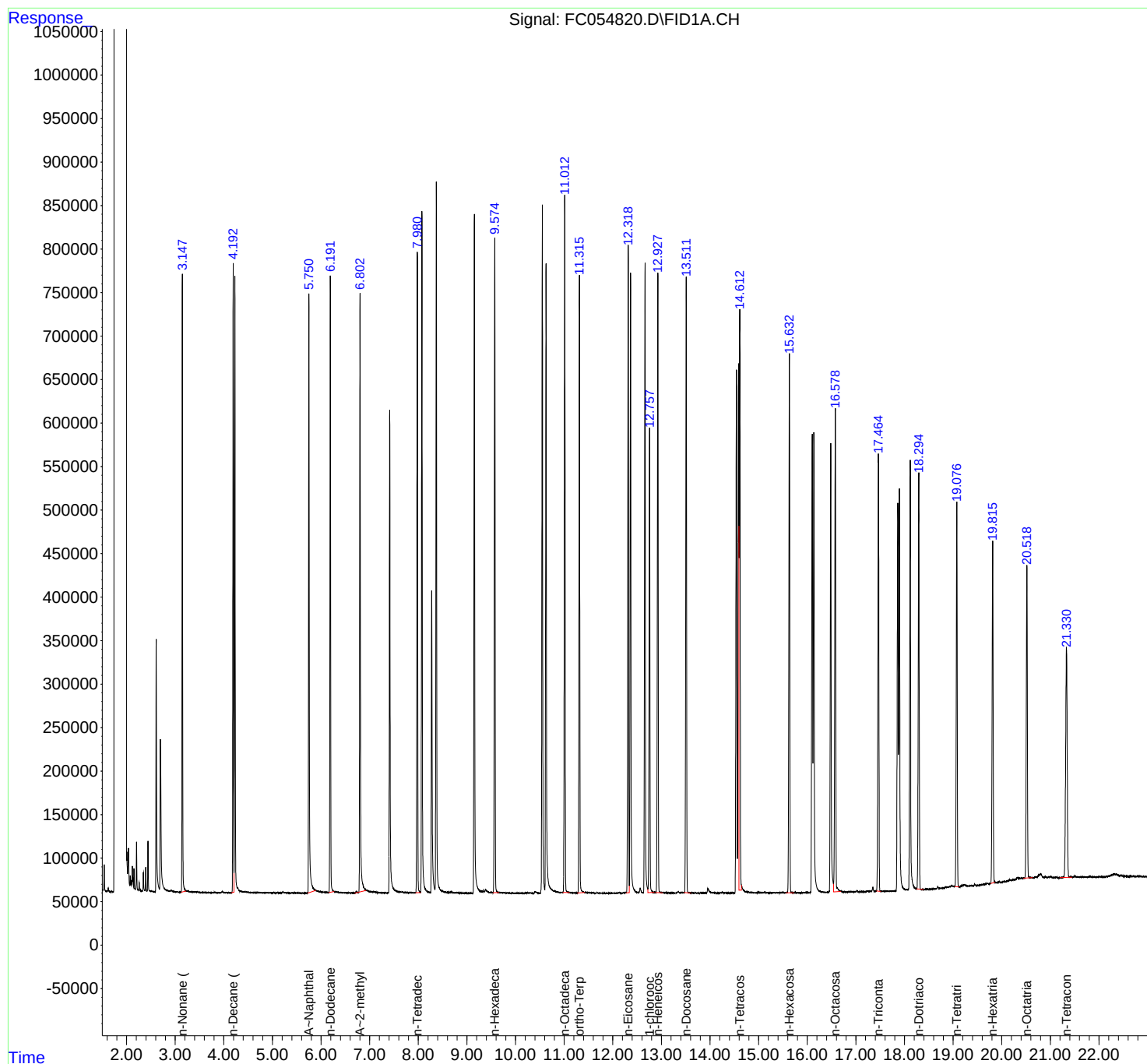
Instrument :
FID_C
ClientSampleId :
PB137901BSD

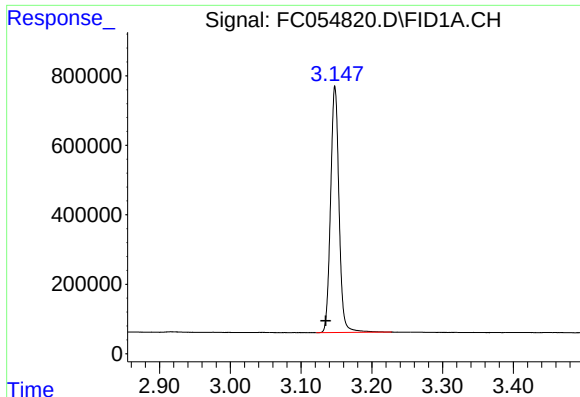
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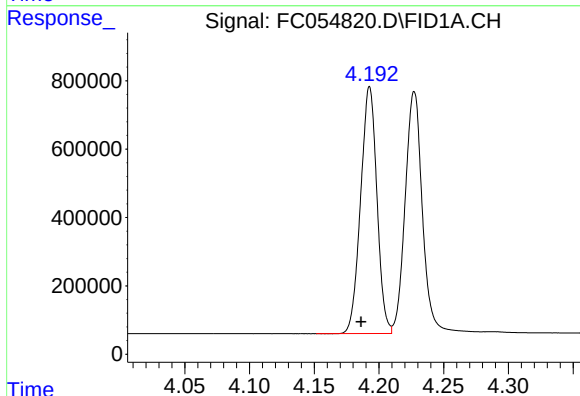
#1 n-Nonane (C9)

R.T.: 3.148 min
Delta R.T.: 0.013 min
Response: 5881546
Conc: 51.26 ug/ml

Instrument :
FID_C
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PB137901BSD

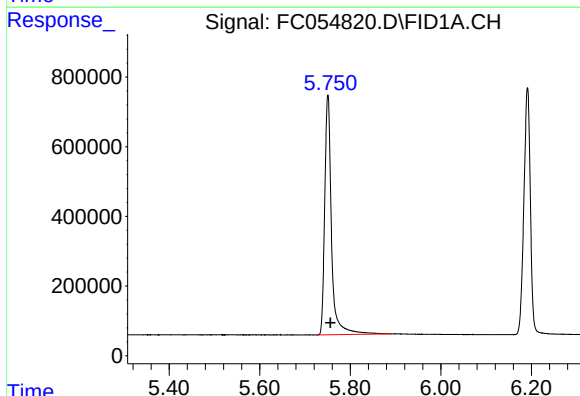
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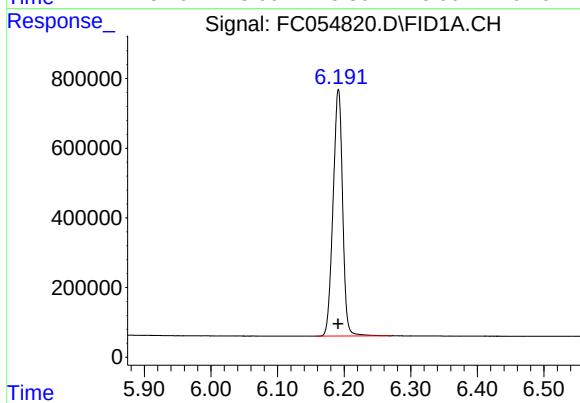
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.007 min
Response: 6324215
Conc: 54.42 ug/ml



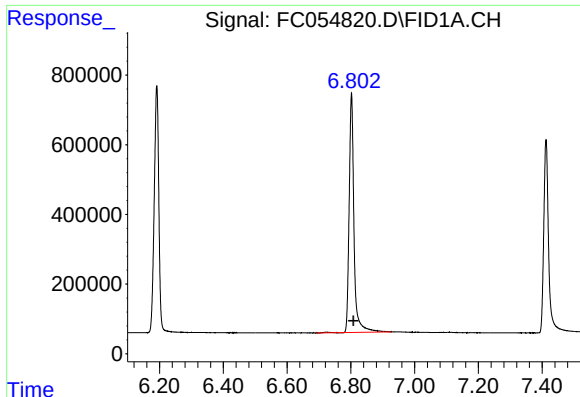
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 7176722
Conc: 59.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 7059064
Conc: 59.06 ug/ml



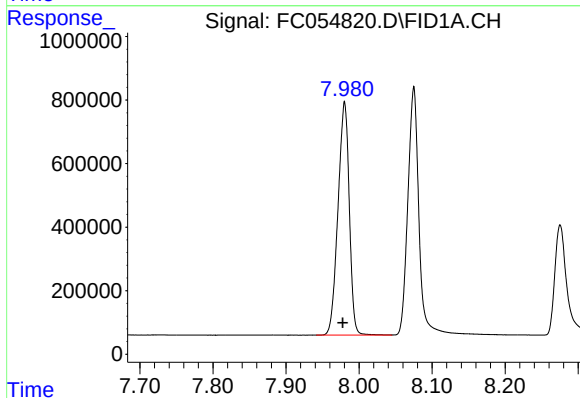
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 7208209
Conc: 59.02 ug/ml

Instrument :
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PB137901BSD

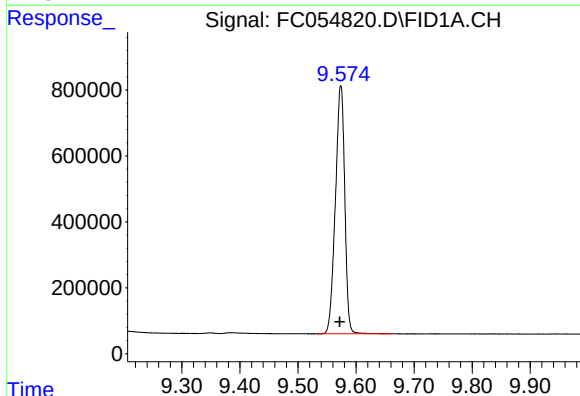
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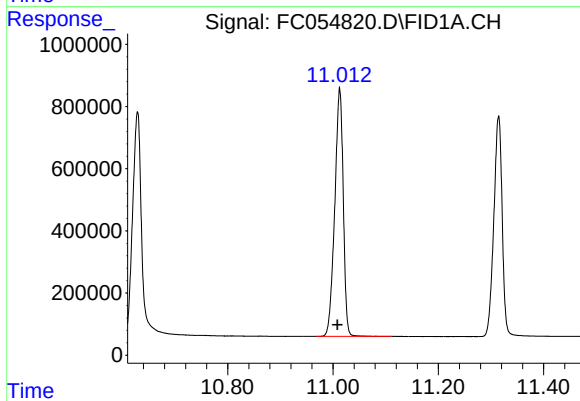
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.002 min
Response: 7874910
Conc: 64.01 ug/ml



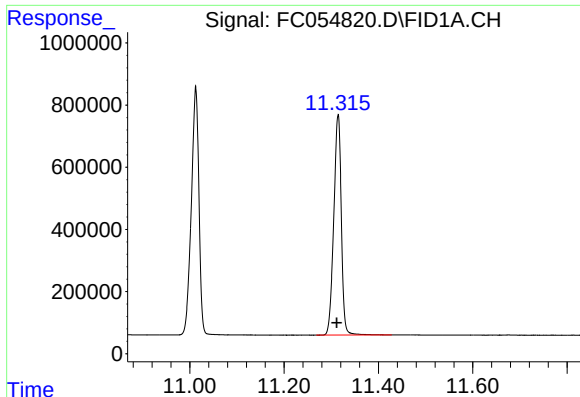
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.001 min
Response: 8436843
Conc: 66.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.012 min
Delta R.T.: 0.003 min
Response: 8948786
Conc: 68.27 ug/ml



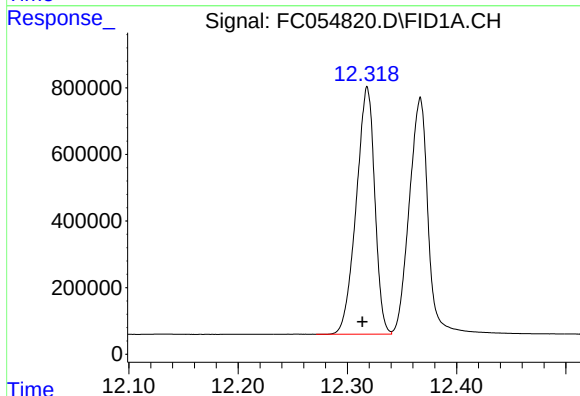
#9 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 7870993
Conc: 56.59 ug/ml

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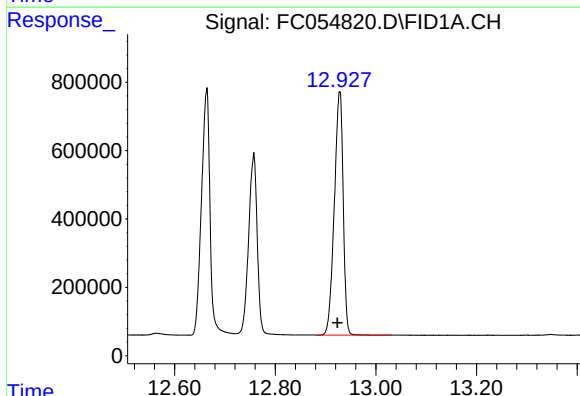
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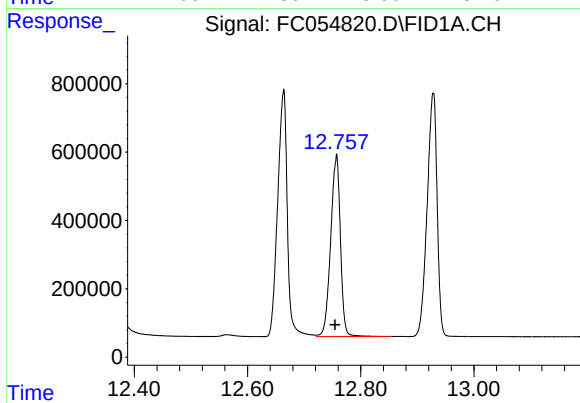
#10 n-Eicosane (C20)

R.T.: 12.317 min
Delta R.T.: 0.004 min
Response: 8733726
Conc: 66.28 ug/ml



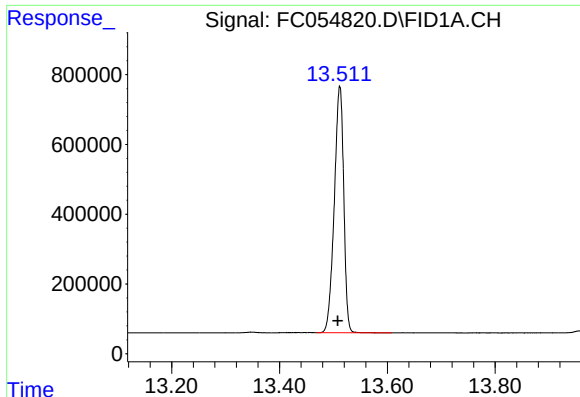
#11 n-Heneicosane (C21)

R.T.: 12.927 min
Delta R.T.: 0.003 min
Response: 8719764
Conc: 65.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.756 min
Delta R.T.: 0.001 min
Response: 6322962
Conc: 56.88 ug/ml



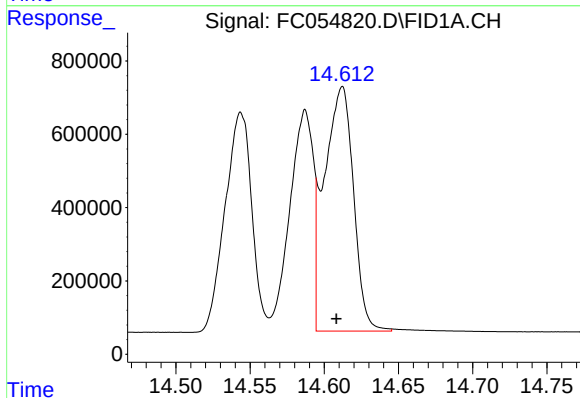
#13 n-Docosane (C22)

R.T.: 13.511 min
Delta R.T.: 0.003 min
Response: 8605509
Conc: 64.98 ug/ml

Instrument :
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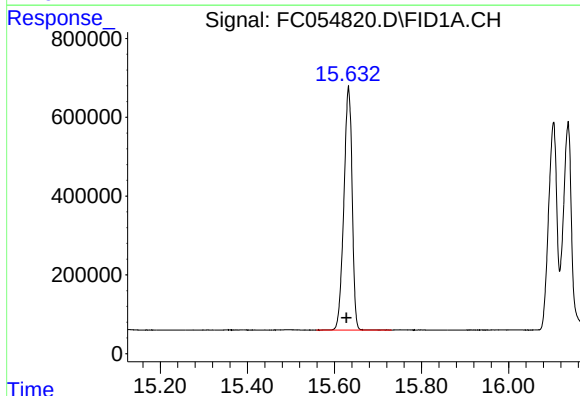
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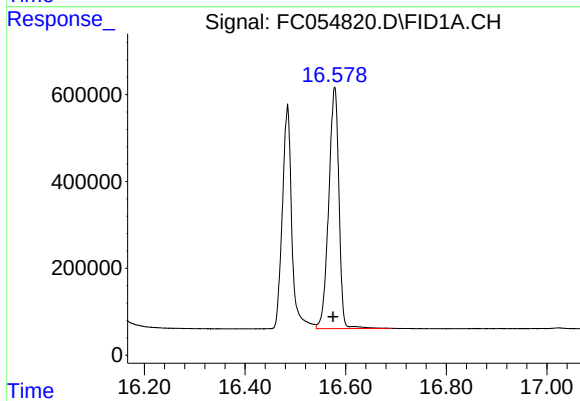
#14 n-Tetracosane (C24)

R.T.: 14.612 min
Delta R.T.: 0.004 min
Response: 9067418
Conc: 68.77 ug/ml m



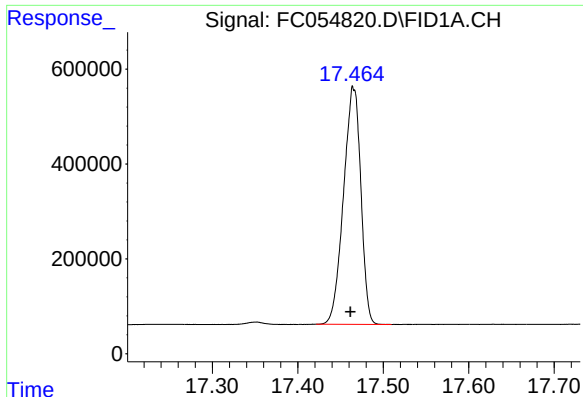
#15 n-Hexacosane (C26)

R.T.: 15.632 min
Delta R.T.: 0.005 min
Response: 8101430
Conc: 62.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.577 min
Delta R.T.: 0.002 min
Response: 7837423
Conc: 59.51 ug/ml



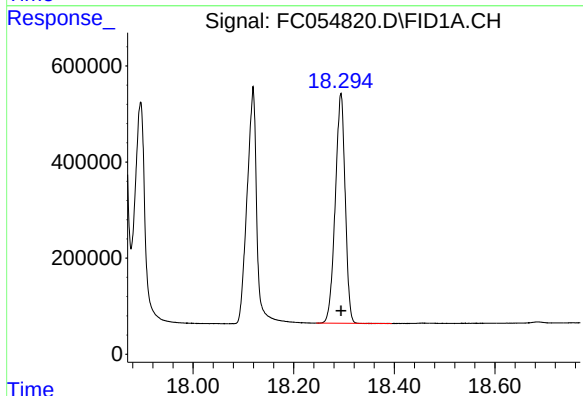
#17 n-Tricontane (C30)

R.T.: 17.465 min
Delta R.T.: 0.003 min
Response: 7052888
Conc: 49.56 ug/ml

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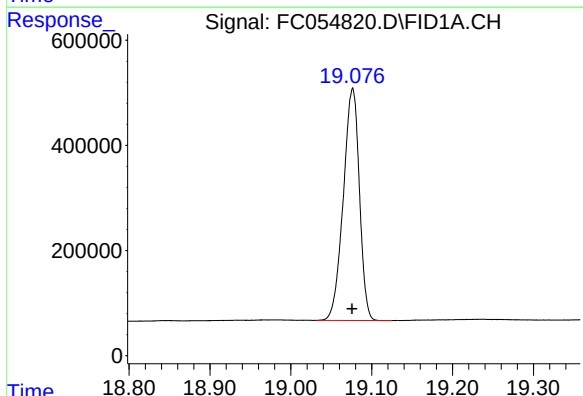
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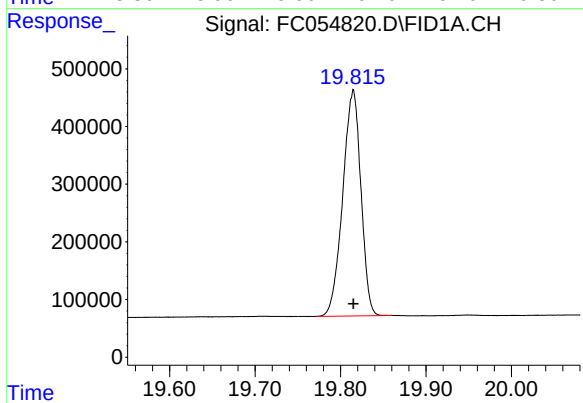
#18 n-Dotriacontane (C32)

R.T.: 18.293 min
Delta R.T.: -0.001 min
Response: 6520655
Conc: 52.69 ug/ml



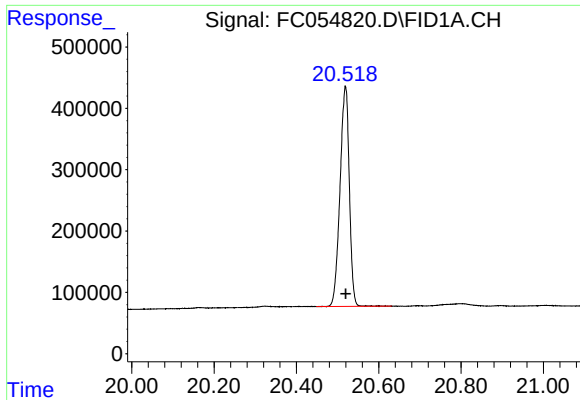
#19 n-Tetratriacontane (C34)

R.T.: 19.076 min
Delta R.T.: 0.000 min
Response: 6103656
Conc: 59.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: -0.001 min
Response: 5777953
Conc: 61.01 ug/ml



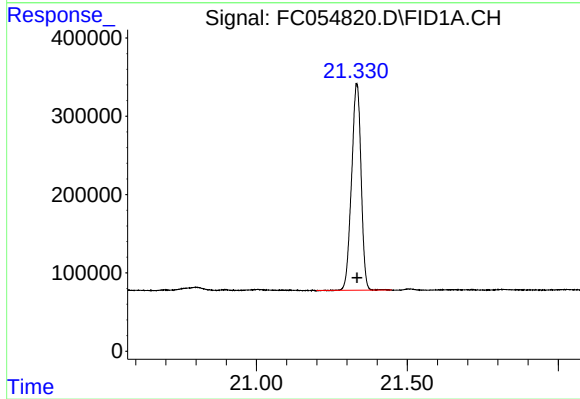
#21 n-Octatriacontane (C38)

R.T.: 20.518 min
Delta R.T.: -0.002 min
Response: 5617988
Conc: 60.34 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.332 min
Delta R.T.: -0.001 min
Response: 5790853
Conc: 59.66 ug/ml