

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054580.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 4:52
 Operator : DD\AJ
 Sample : M2926-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:41:04 AM

Integration File: sample.E
 Quant Time: Jul 08 06:28:01 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	5900037	41.676 ug/ml
Spiked Amount 50.000		Recovery =	83.35%
12) S 1-chlorooctadecane (S...	12.775	4729681	42.428 ug/ml
Spiked Amount 50.000		Recovery =	84.86%
Target Compounds			
1) T n-Nonane (C9)	3.146	3606682	30.670 ug/ml
2) T n-Decane (C10)	4.200	4394995	37.013 ug/ml
3) T A~Naphthalene (C11.7)	5.765	4966530	37.776 ug/ml
4) T n-Dodecane (C12)	6.206	5210136	43.471 ug/ml
5) T A~2-methylnaphthalene...	6.817	5356895	40.576 ug/ml
6) T n-Tetradecane (C14)	7.996	5744797	47.151 ug/ml
7) T n-Hexadecane (C16)	9.591	6140779	49.299 ug/ml
8) T n-Octadecane (C18)	11.029	6576013	50.914 ug/ml
10) T n-Eicosane (C20)	12.335	6486277	49.848 ug/ml
11) T n-Heneicosane (C21)	12.945	6503524	48.984 ug/ml
13) T n-Docosane (C22)	13.531	6447128	48.665 ug/mlm
14) T n-Tetracosane (C24)	14.630	6100596	45.066 ug/mlm
15) T n-Hexacosane (C26)	15.652	6304791	46.528 ug/ml
16) T n-Octacosane (C28)	16.599	6124941	44.624 ug/mlm
17) T n-Tricontane (C30)	17.487	5922084	42.757 ug/ml
18) T n-Dotriacontane (C32)	18.317	5641617	41.236 ug/ml
19) T n-Tetratriacontane (C34)	19.098	5338665	39.511 ug/ml
20) T n-Hexatriacontane (C36)	19.837	4842671	39.231 ug/ml
21) T n-Octatriacontane (C38)	20.542	4585425	40.537 ug/ml
22) T n-Tetracontane (C40)	21.364	4647581	41.119 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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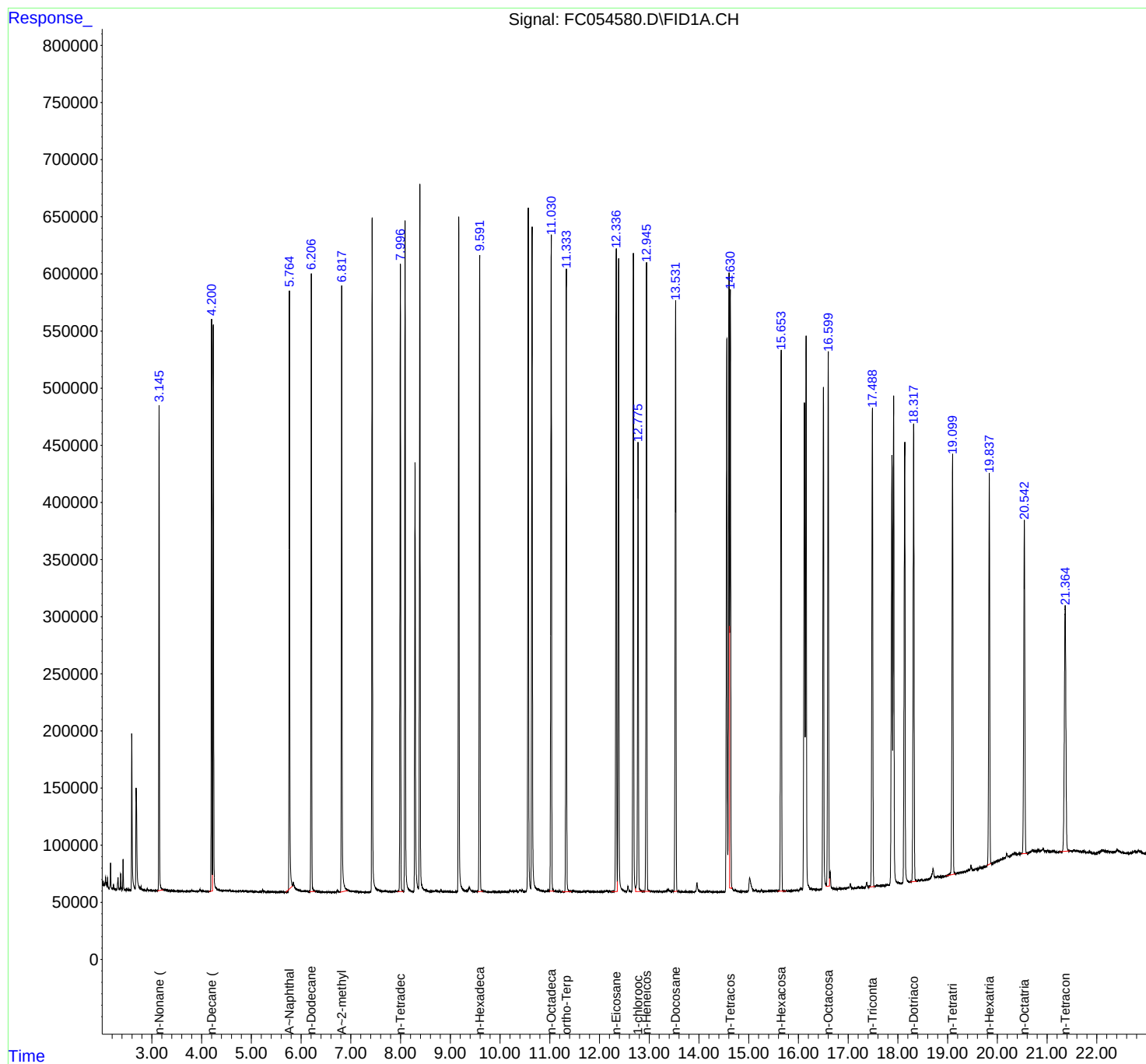
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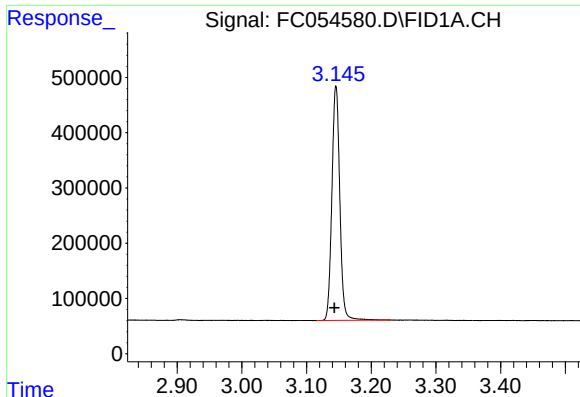
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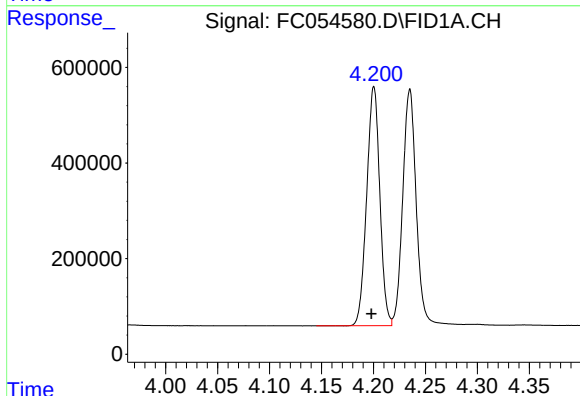
#1 n-Nonane (C9)

R.T.: 3.146 min
Delta R.T.: 0.003 min
Response: 3606682
Conc: 30.67 ug/ml

Instrument :
FID_C
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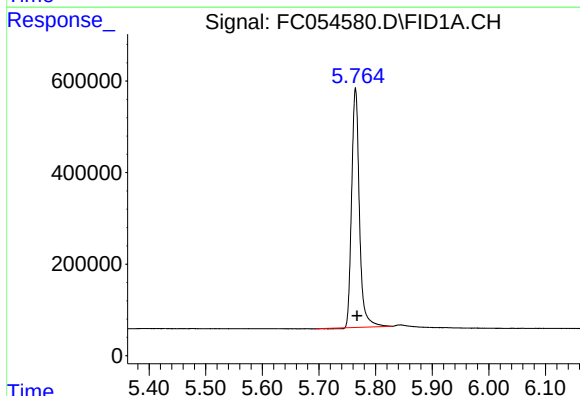
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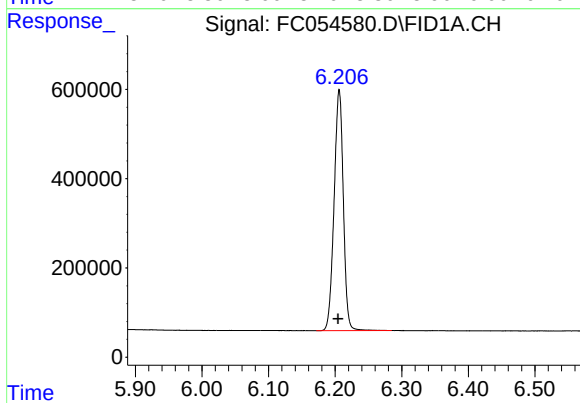
#2 n-Decane (C10)

R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 4394995
Conc: 37.01 ug/ml



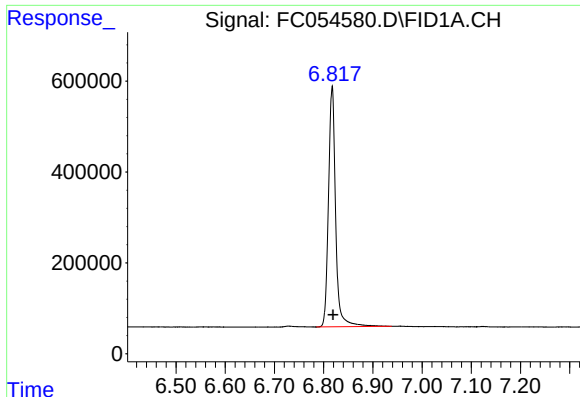
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 4966530
Conc: 37.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 5210136
Conc: 43.47 ug/ml



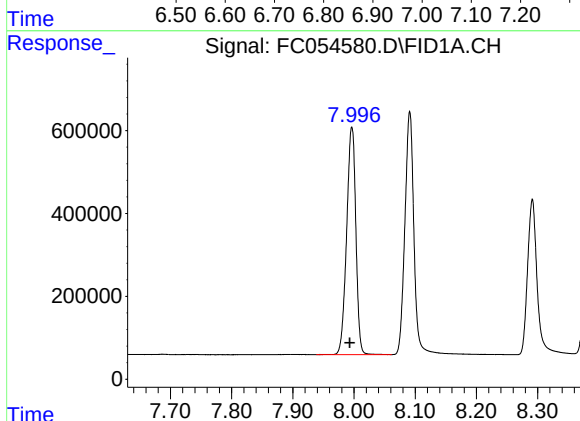
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 5356895
Conc: 40.58 ug/ml

Instrument :
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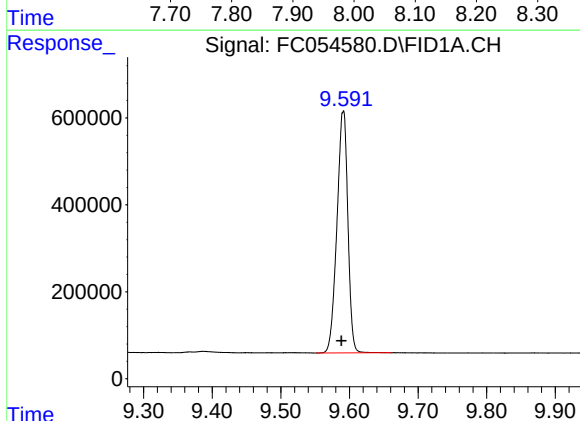
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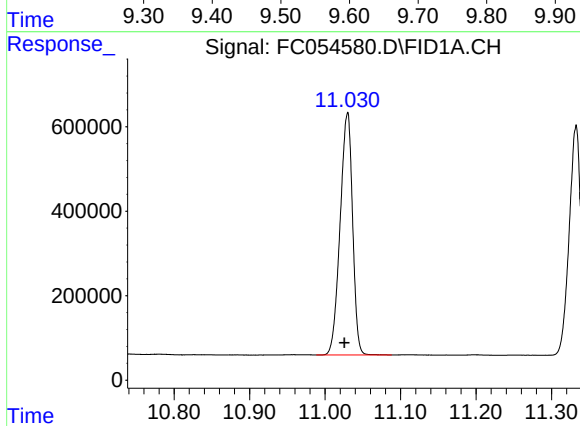
#6 n-Tetradecane (C14)

R.T.: 7.996 min
Delta R.T.: 0.003 min
Response: 5744797
Conc: 47.15 ug/ml



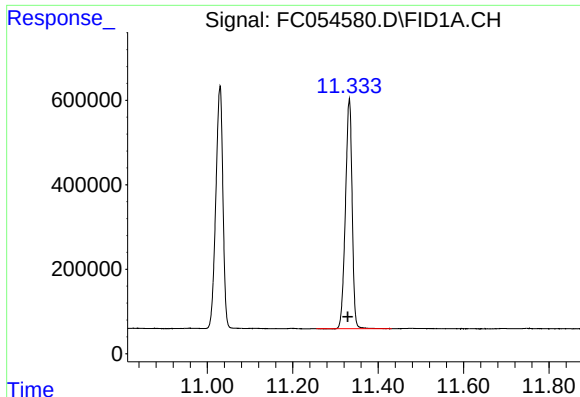
#7 n-Hexadecane (C16)

R.T.: 9.591 min
Delta R.T.: 0.002 min
Response: 6140779
Conc: 49.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.029 min
Delta R.T.: 0.003 min
Response: 6576013
Conc: 50.91 ug/ml



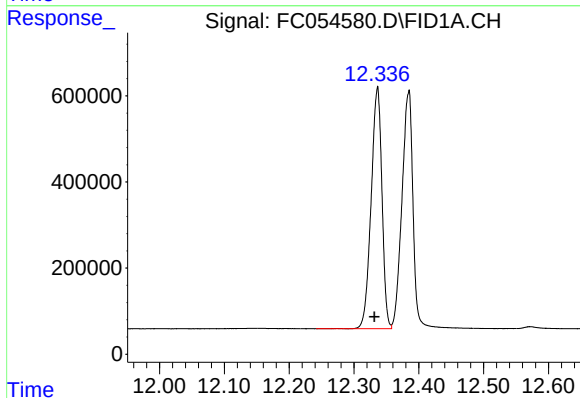
#9 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: 0.003 min
Response: 5900037
Conc: 41.68 ug/ml

Instrument :
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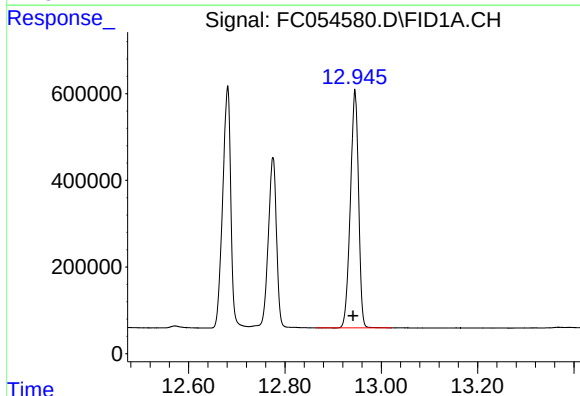
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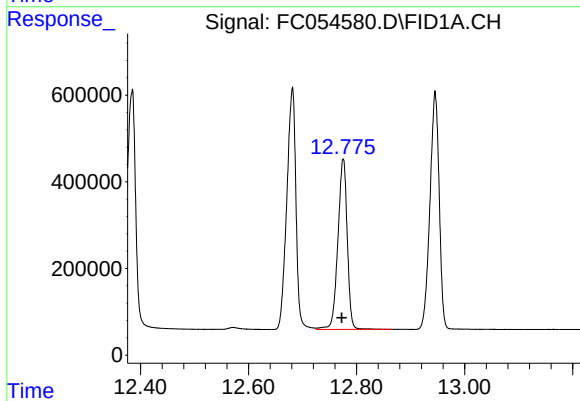
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.004 min
Response: 6486277
Conc: 49.85 ug/ml



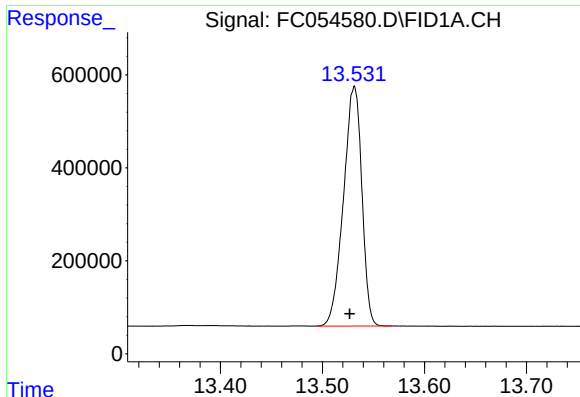
#11 n-Heneicosane (C21)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 6503524
Conc: 48.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.775 min
Delta R.T.: 0.002 min
Response: 4729681
Conc: 42.43 ug/ml



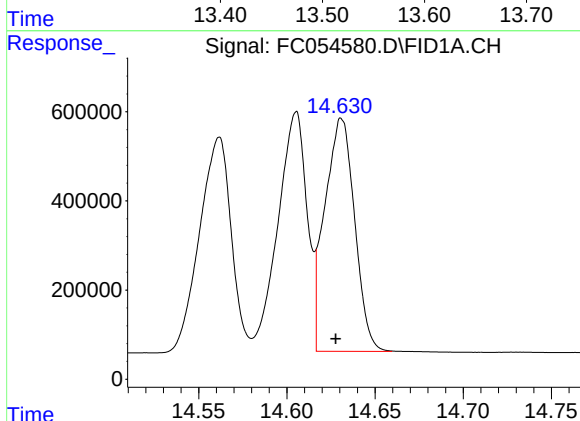
#13 n-Docosane (C22)

R.T.: 13.531 min
Delta R.T.: 0.004 min
Response: 6447128
Conc: 48.66 ug/ml m

Instrument :
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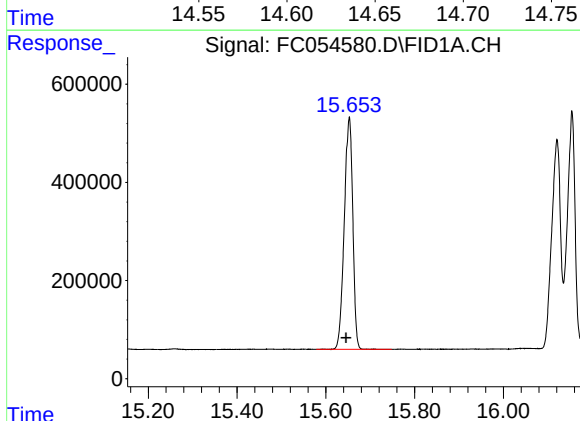
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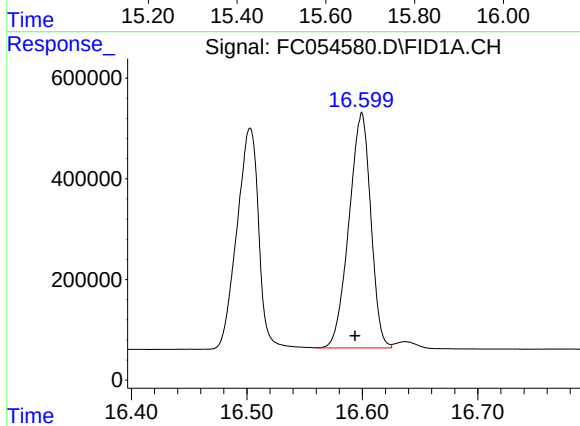
#14 n-Tetracosane (C24)

R.T.: 14.630 min
Delta R.T.: 0.002 min
Response: 6100596
Conc: 45.07 ug/ml m



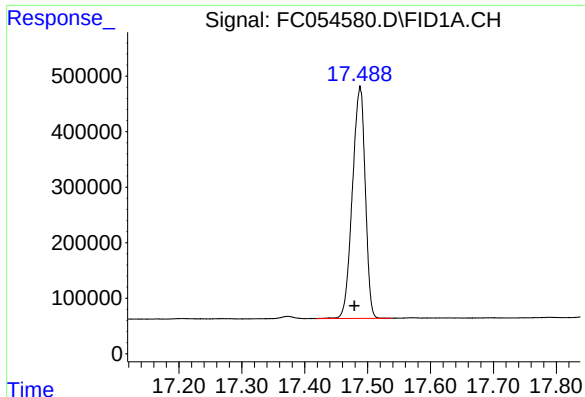
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: 0.006 min
Response: 6304791
Conc: 46.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: 0.006 min
Response: 6124941
Conc: 44.62 ug/ml m



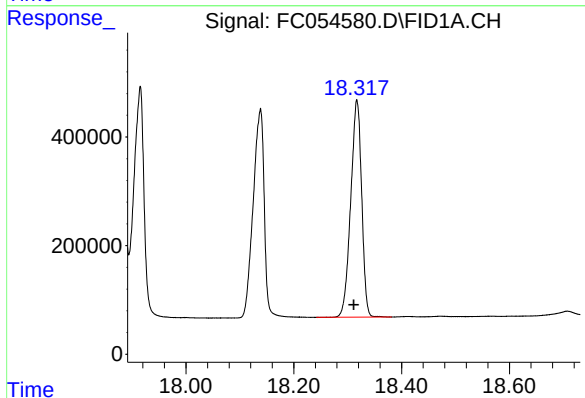
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 5922084
Conc: 42.76 ug/ml

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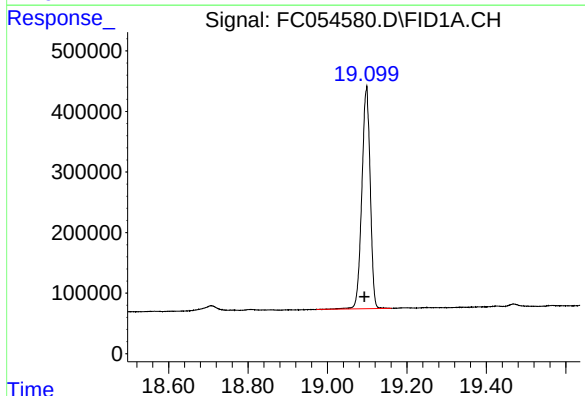
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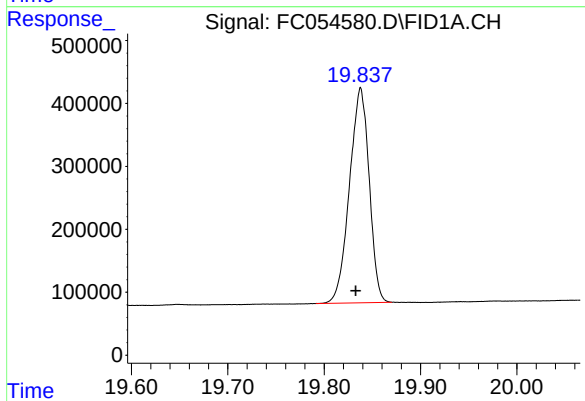
#18 n-Dotriacontane (C32)

R.T.: 18.317 min
Delta R.T.: 0.005 min
Response: 5641617
Conc: 41.24 ug/ml



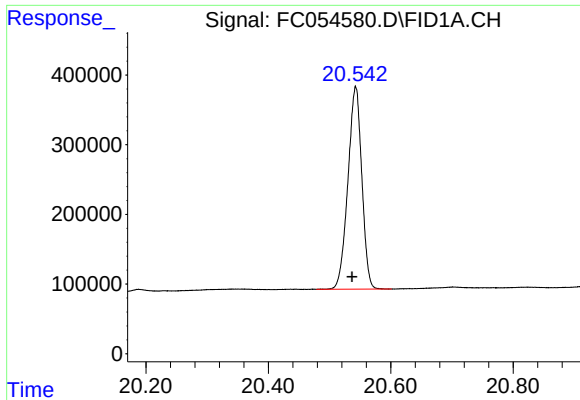
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: 0.005 min
Response: 5338665
Conc: 39.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.837 min
Delta R.T.: 0.005 min
Response: 4842671
Conc: 39.23 ug/ml



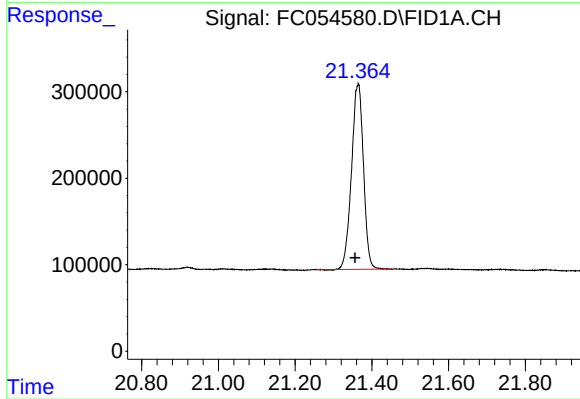
#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: 0.005 min
Response: 4585425
Conc: 40.54 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.364 min
Delta R.T.: 0.008 min
Response: 4647581
Conc: 41.12 ug/ml