

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061121AL\
 Data File : FC054214.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jun 2021 3:05
 Operator : DD\AJ
 Sample : PB137007BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137007BSD

Manual Integrations
 APPROVED

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 6/14/2021 12:26:04 PM

Integration File: autoint1.e
 Quant Time: Jun 12 04:10:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.357	6066380	39.947 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
12) S 1-chlorooctadecane (S...	12.799	4738200	40.223 ug/ml
Spiked Amount 50.000		Recovery =	80.45%
Target Compounds			
1) T n-Nonane (C9)	3.172	5355598	41.616 ug/ml
2) T n-Decane (C10)	4.223	5639517	43.995 ug/ml
3) T A~Naphthalene (C11.7)	5.786	6564489	45.447 ug/ml
4) T n-Dodecane (C12)	6.227	5837369	44.515 ug/ml
5) T A~2-methylnaphthalene...	6.839	6275343	43.466 ug/ml
6) T n-Tetradecane (C14)	8.018	5828354	43.960 ug/ml
7) T n-Hexadecane (C16)	9.613	5810220	42.953 ug/ml
8) T n-Octadecane (C18)	11.053	5911651	42.356 ug/ml
10) T n-Eicosane (C20)	12.359	5653689	40.719 ug/ml
11) T n-Heneicosane (C21)	12.969	5594124	40.046 ug/ml
13) T n-Docosane (C22)	13.554	5424519	39.202 ug/ml
14) T n-Tetracosane (C24)	14.656	5243407	38.075 ug/ml
15) T n-Hexacosane (C26)	15.677	5037328	37.398 ug/ml
16) T n-Octacosane (C28)	16.624	4946907	37.334 ug/ml
17) T n-Tricontane (C30)	17.511	4693278	36.515 ug/ml
18) T n-Dotriacontane (C32)	18.342	4525995	36.785 ug/ml
19) T n-Tetratriacontane (C34)	19.126	4400962	37.620 ug/mlm
20) T n-Hexatriacontane (C36)	19.866	4324264	39.177 ug/ml
21) T n-Octatriacontane (C38)	20.573	4387857	42.924 ug/ml
22) T n-Tetracontane (C40)	21.403	4377692	40.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 21 Sample Multiplier: 1

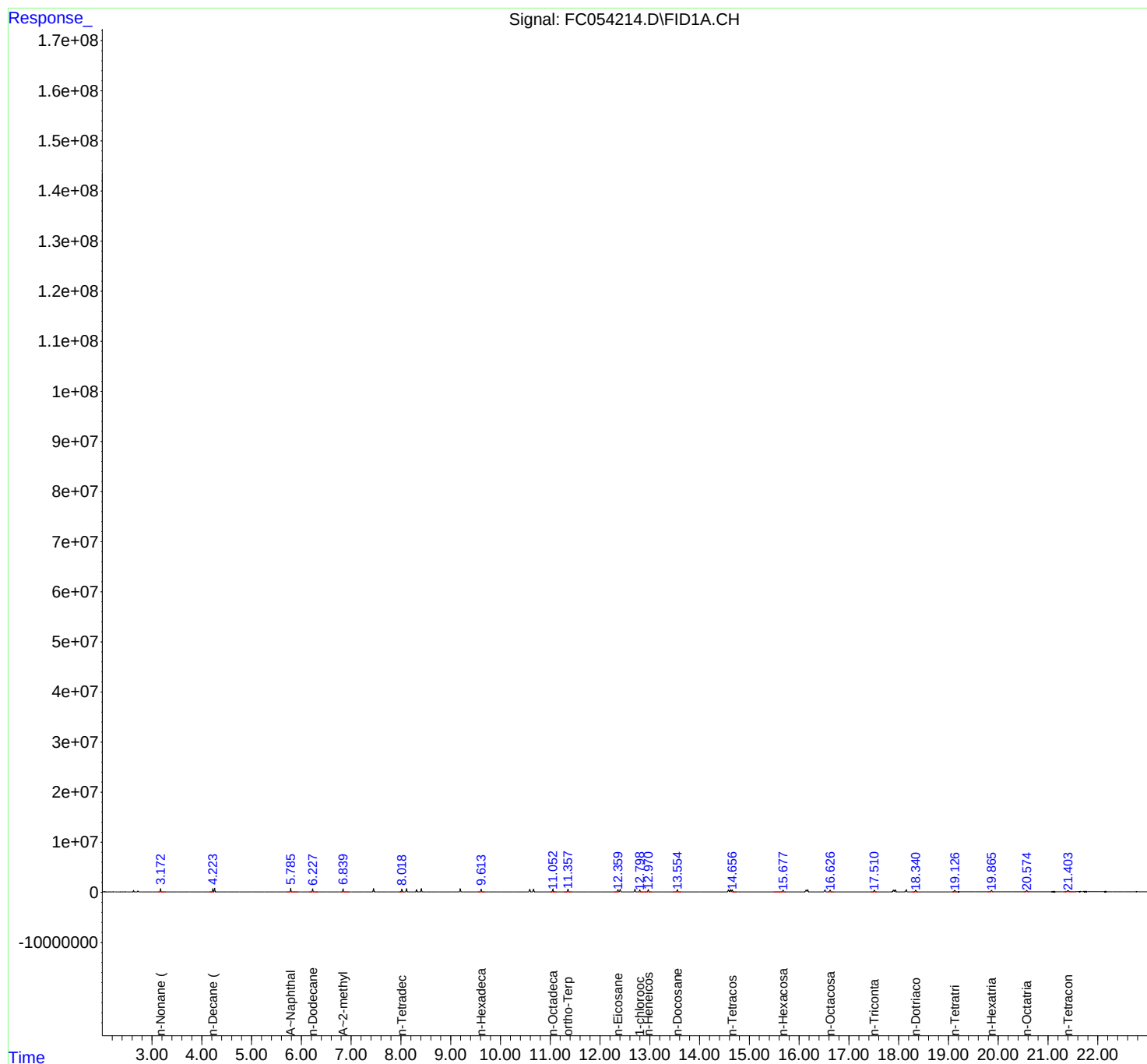
Instrument :
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ClientSampleId :
PB137007BSD

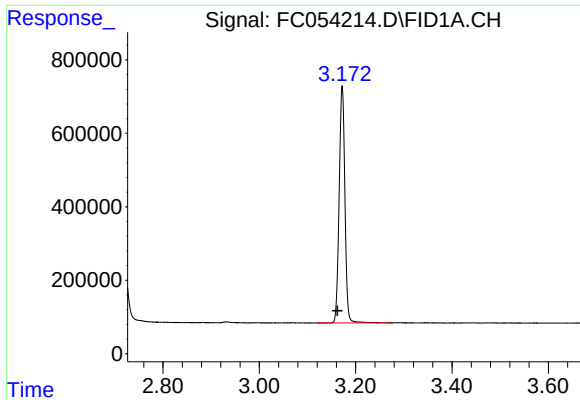
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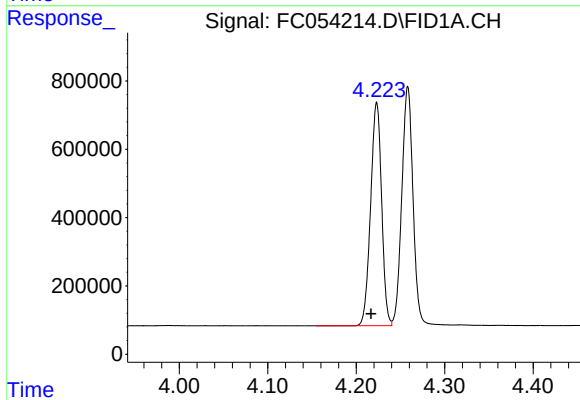
#1 n-Nonane (C9)

R.T.: 3.172 min
Delta R.T.: 0.010 min
Response: 5355598
Conc: 41.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137007BSD

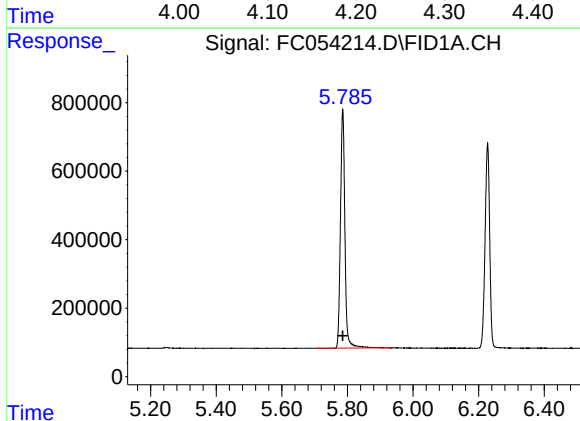
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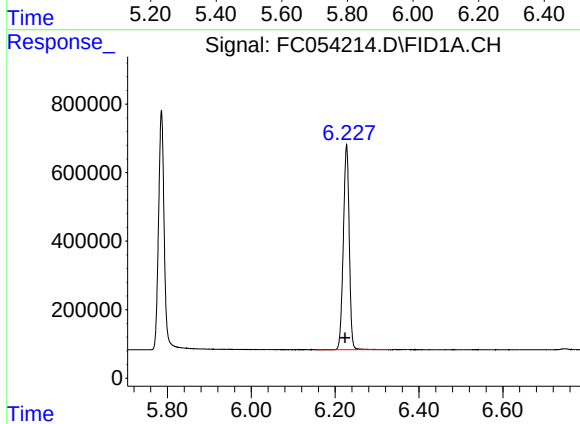
#2 n-Decane (C10)

R.T.: 4.223 min
Delta R.T.: 0.006 min
Response: 5639517
Conc: 43.99 ug/ml



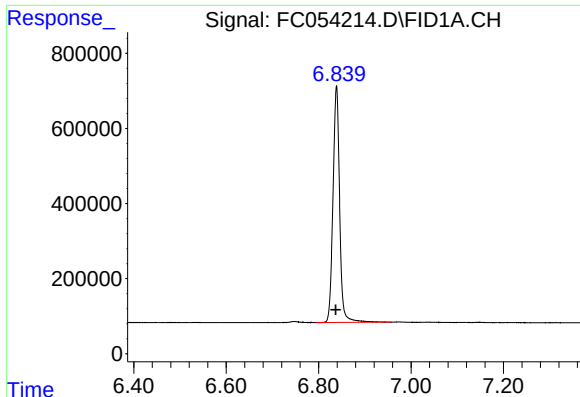
#3 A~Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 6564489
Conc: 45.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 5837369
Conc: 44.52 ug/ml



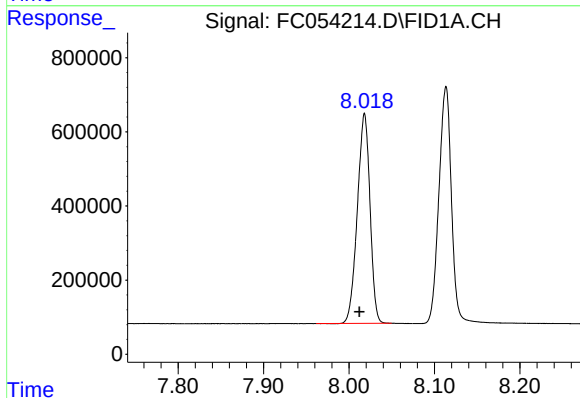
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.839 min
Delta R.T.: 0.001 min
Response: 6275343
Conc: 43.47 ug/ml

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PB137007BSD

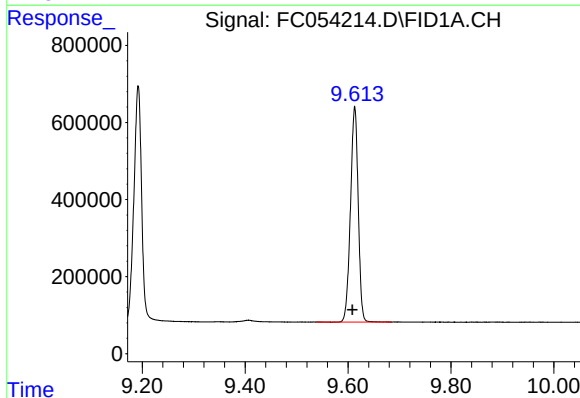
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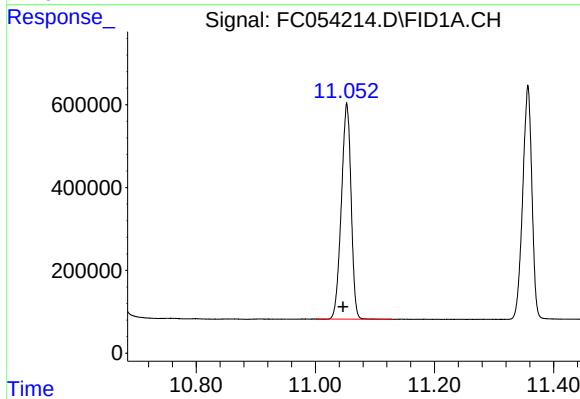
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.006 min
Response: 5828354
Conc: 43.96 ug/ml



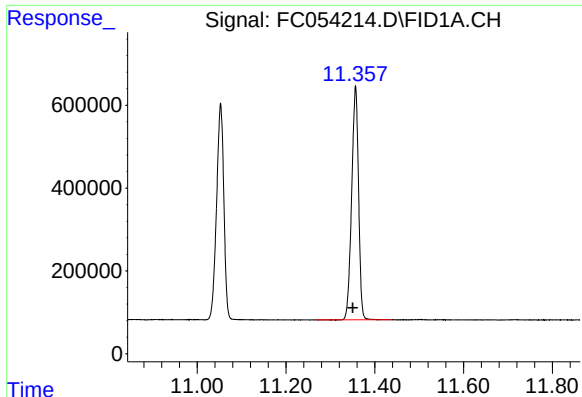
#7 n-Hexadecane (C16)

R.T.: 9.613 min
Delta R.T.: 0.005 min
Response: 5810220
Conc: 42.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.006 min
Response: 5911651
Conc: 42.36 ug/ml



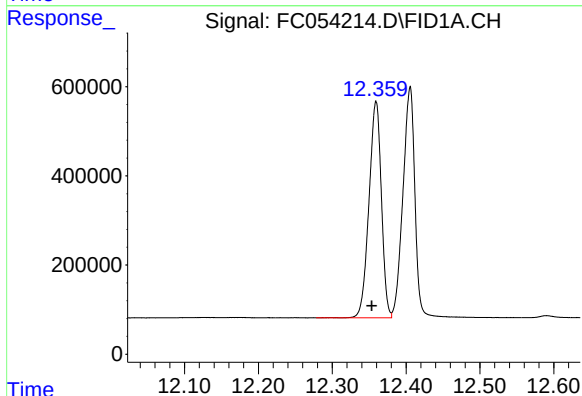
#9 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 6066380
Conc: 39.95 ug/ml

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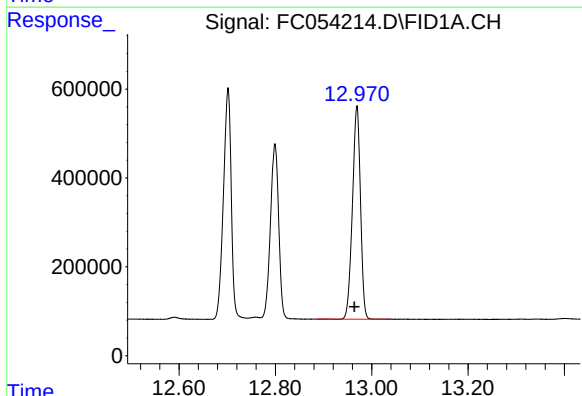
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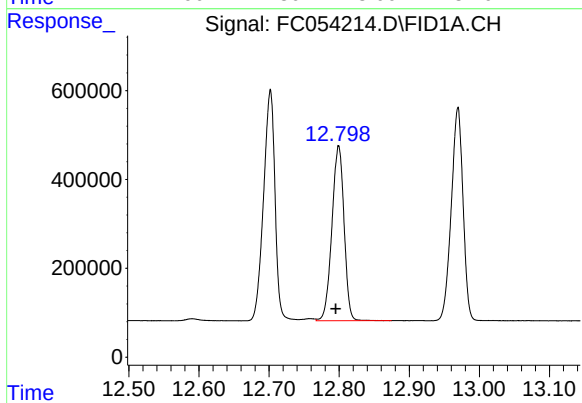
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: 0.005 min
Response: 5653689
Conc: 40.72 ug/ml



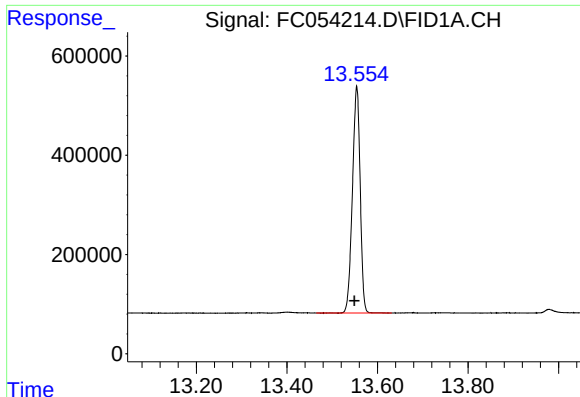
#11 n-Heneicosane (C21)

R.T.: 12.969 min
Delta R.T.: 0.005 min
Response: 5594124
Conc: 40.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.799 min
Delta R.T.: 0.004 min
Response: 4738200
Conc: 40.22 ug/ml



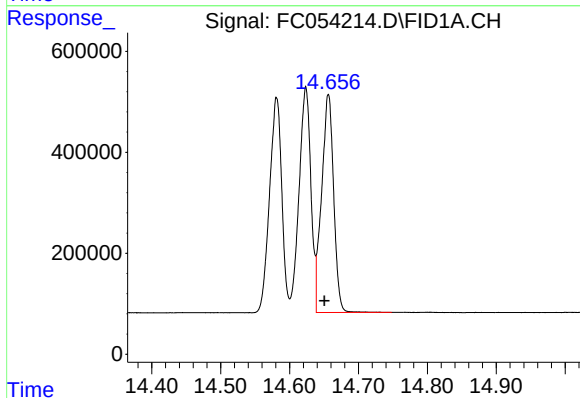
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: 0.005 min
Response: 5424519
Conc: 39.20 ug/ml

Instrument :
FID_C
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PB137007BSD

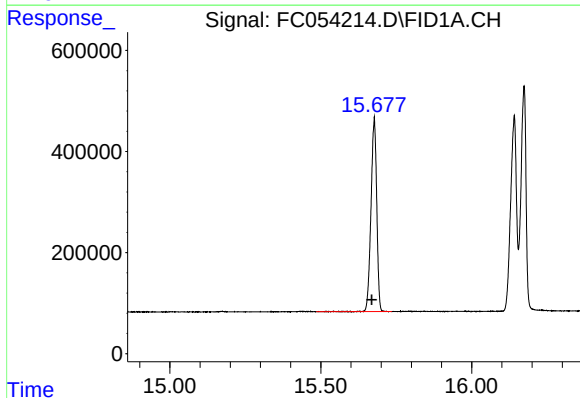
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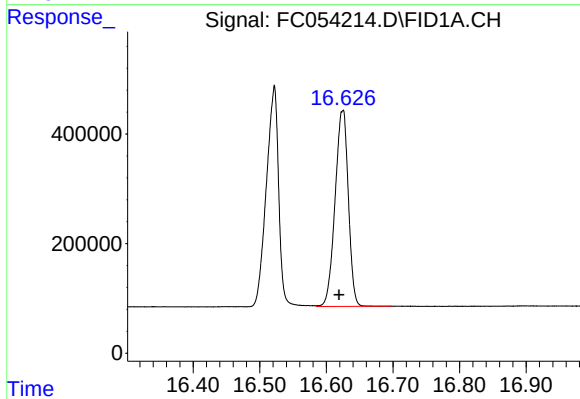
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.006 min
Response: 5243407
Conc: 38.07 ug/ml



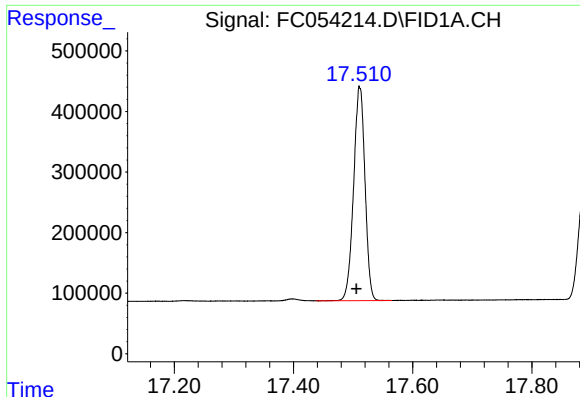
#15 n-Hexacosane (C26)

R.T.: 15.677 min
Delta R.T.: 0.008 min
Response: 5037328
Conc: 37.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.624 min
Delta R.T.: 0.005 min
Response: 4946907
Conc: 37.33 ug/ml



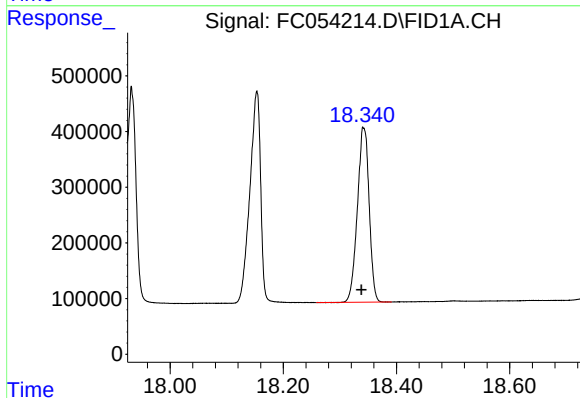
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: 0.006 min
Response: 4693278
Conc: 36.51 ug/ml

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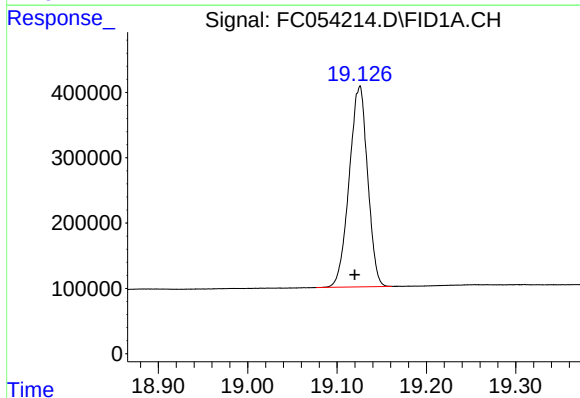
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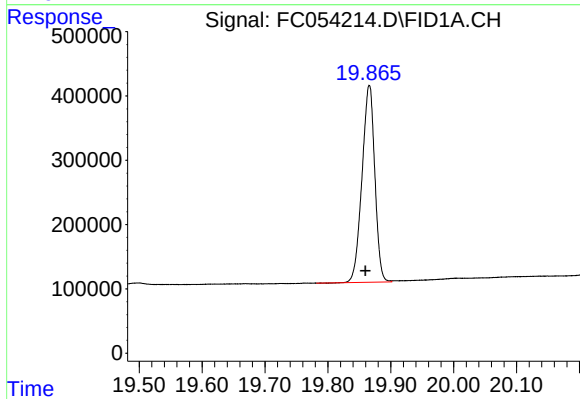
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: 0.004 min
Response: 4525995
Conc: 36.78 ug/ml



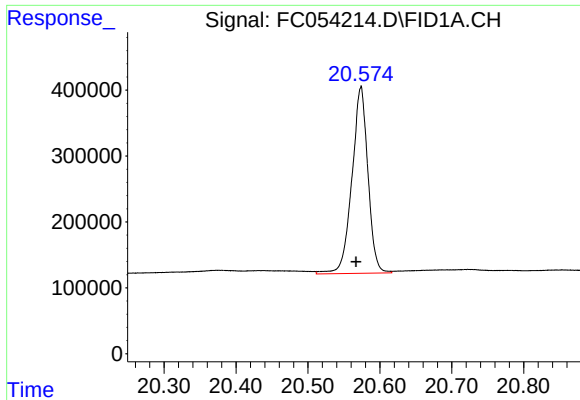
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min
Delta R.T.: 0.006 min
Response: 4400962
Conc: 37.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.866 min
Delta R.T.: 0.006 min
Response: 4324264
Conc: 39.18 ug/ml



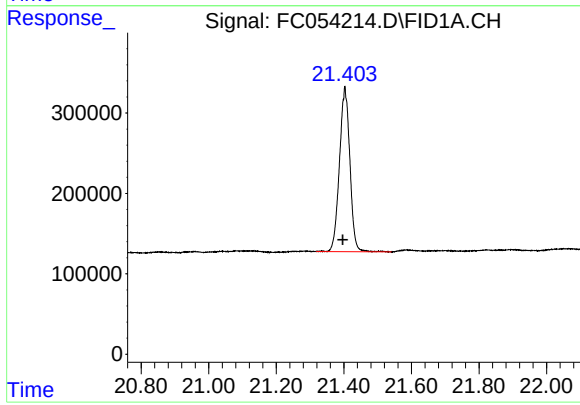
#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.006 min
Response: 4387857
Conc: 42.92 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.403 min
Delta R.T.: 0.007 min
Response: 4377692
Conc: 40.91 ug/ml