

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
 Data File : FC061655.D
 Signal(s) : FID1A.ch
 Acq On : 28 Sep 2022 18:26
 Operator : YP/AJ
 Sample : PB147962BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147962BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: sample.E
 Quant Time: Sep 29 04:06:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.576	6466683	37.840 ug/ml
Spiked Amount 50.000		Recovery =	75.68%
12) S 1-chlorooctadecane (S...	13.014	5316766	38.919 ug/ml
Spiked Amount 50.000		Recovery =	77.84%
Target Compounds			
1) T n-Nonane (C9)	3.332	5327995	35.694 ug/ml
2) T n-Decane (C10)	4.398	5709641	37.852 ug/ml
3) T A~Naphthalene (C11.7)	5.981	6383473	38.493 ug/ml
4) T n-Dodecane (C12)	6.415	6254098	41.129 ug/ml
5) T A~2-methylnaphthalene...	7.038	6418558	39.020 ug/ml
6) T n-Tetradecane (C14)	8.215	6340575	41.589 ug/ml
7) T n-Hexadecane (C16)	9.816	6432135	41.598 ug/ml
8) T n-Octadecane (C18)	11.260	6493217	41.189 ug/ml
10) T n-Eicosane (C20)	12.570	6305629	39.570 ug/ml
11) T n-Heneicosane (C21)	13.182	6236449	38.871 ug/ml
13) T n-Docosane (C22)	13.769	6146591	38.258 ug/ml
14) T n-Tetracosane (C24)	14.872	5253580	32.795 ug/ml
15) T n-Hexacosane (C26)	15.894	5707635	36.004 ug/ml
16) T n-Octacosane (C28)	16.842	5470845	35.296 ug/ml
17) T n-Tricontane (C30)	17.731	5161309	33.539 ug/ml
18) T n-Dotriacontane (C32)	18.563	4979288	32.931 ug/ml
19) T n-Tetratriacontane (C34)	19.345	4838964	34.127 ug/ml
20) T n-Hexatriacontane (C36)	20.084	4504185	32.626 ug/ml
21) T n-Octatriacontane (C38)	20.822	4436921	34.260 ug/mlm
22) T n-Tetracontane (C40)	21.734	4448600	36.402 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147962BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

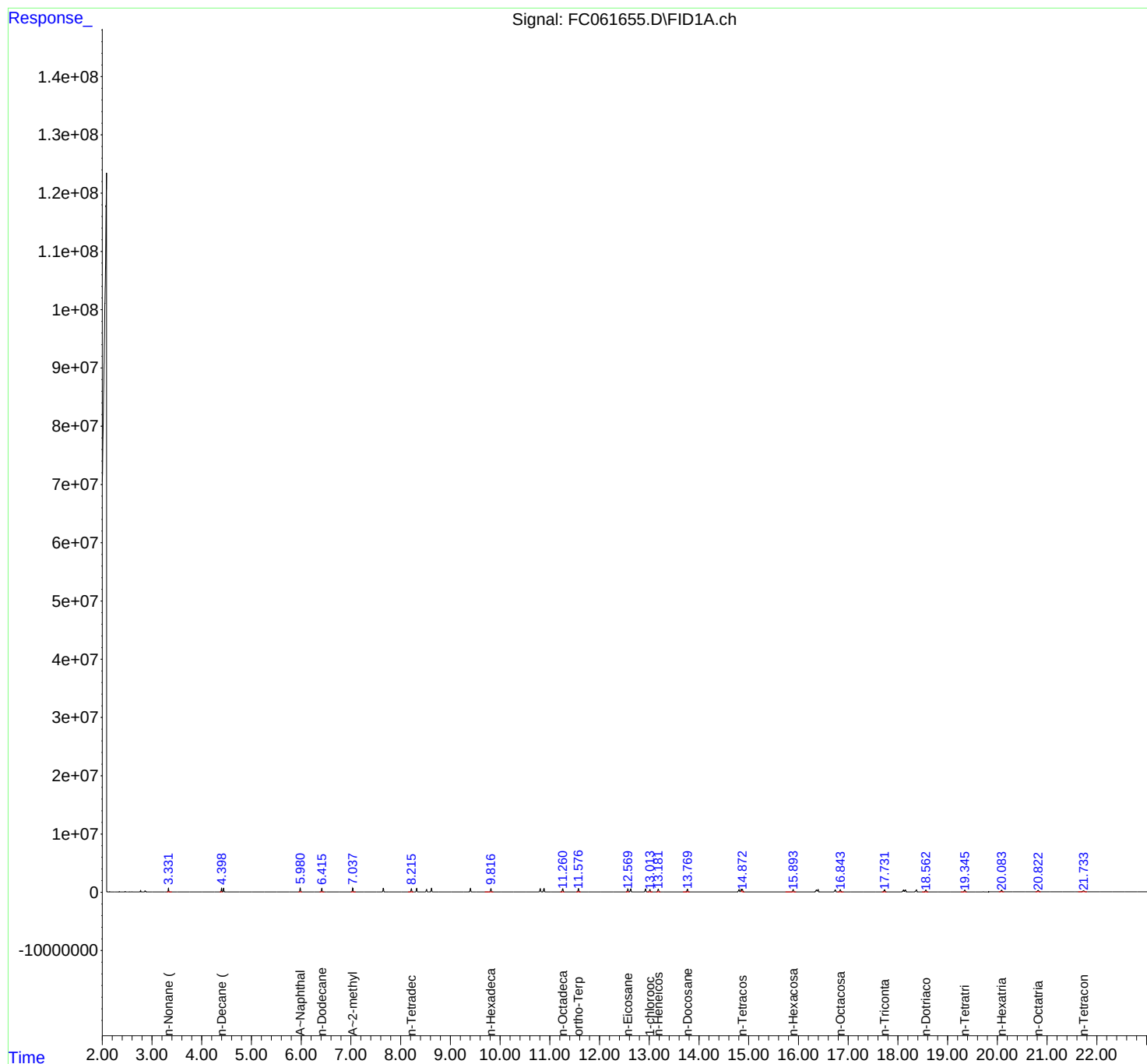
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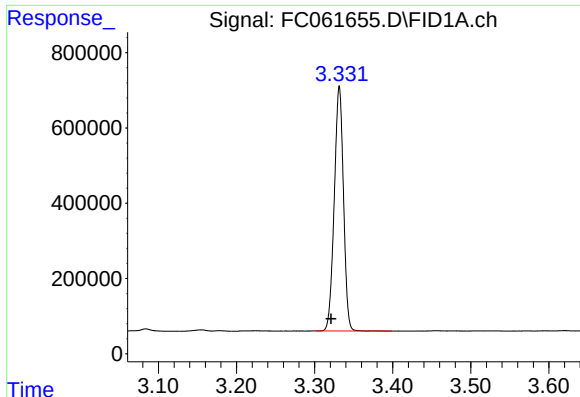
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#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.011 min
Response: 5327995
Conc: 35.69 ug/ml

Instrument :

FID_C

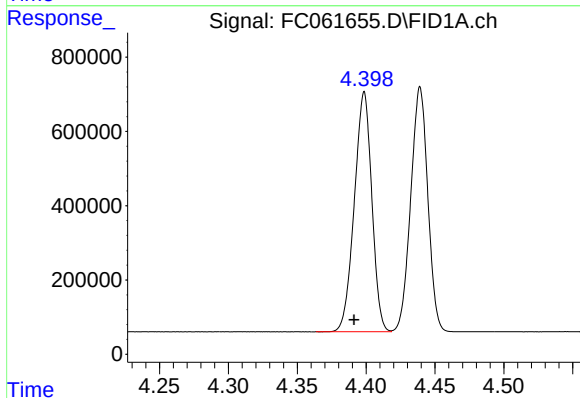
ClientSampleId :

PB147962BS

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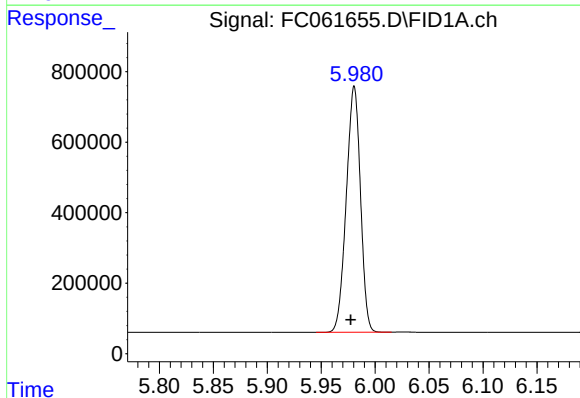
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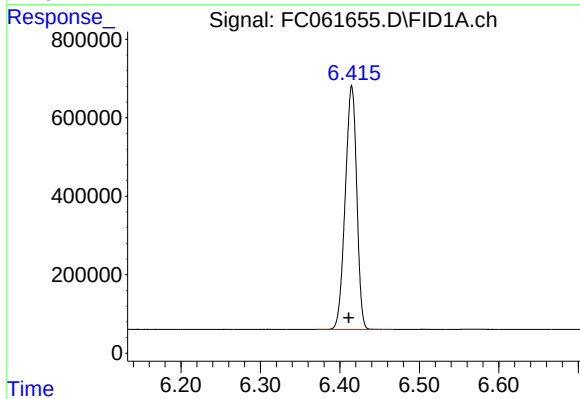
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.007 min
Response: 5709641
Conc: 37.85 ug/ml



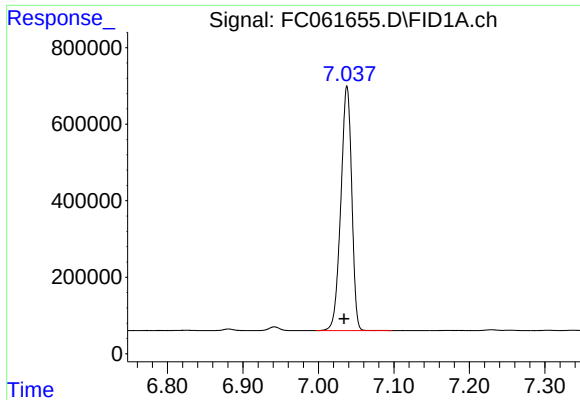
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: 0.003 min
Response: 6383473
Conc: 38.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 6254098
Conc: 41.13 ug/ml



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

R.T.: 7.038 min
Delta R.T.: 0.004 min
Response: 6418558
Conc: 39.02 ug/ml

Instrument :

FID_C

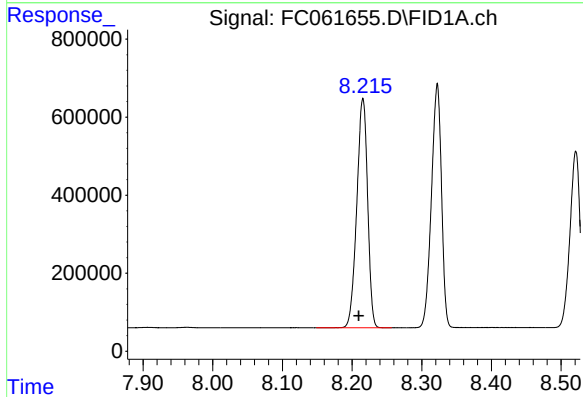
ClientSampleId :

PB147962BS

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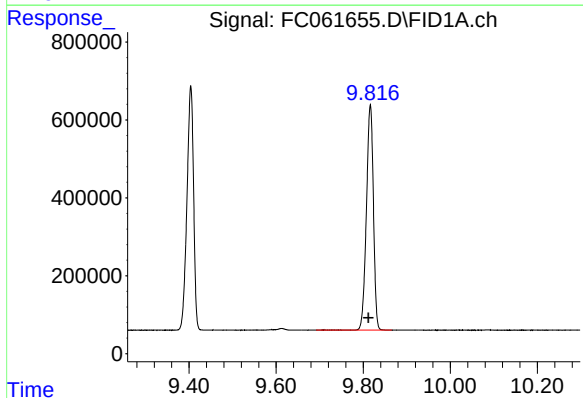
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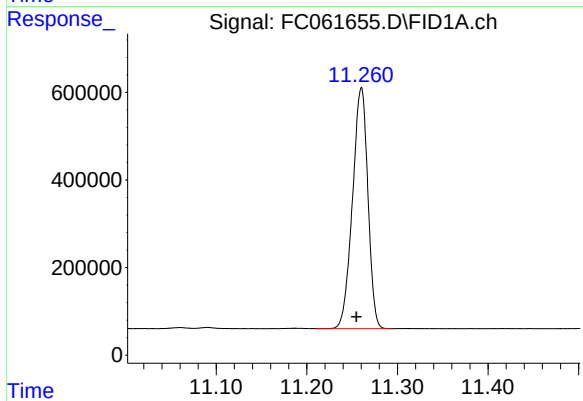
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.006 min
Response: 6340575
Conc: 41.59 ug/ml



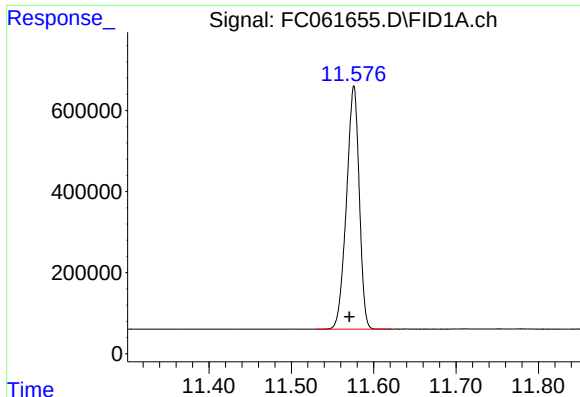
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.004 min
Response: 6432135
Conc: 41.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: 0.005 min
Response: 6493217
Conc: 41.19 ug/ml



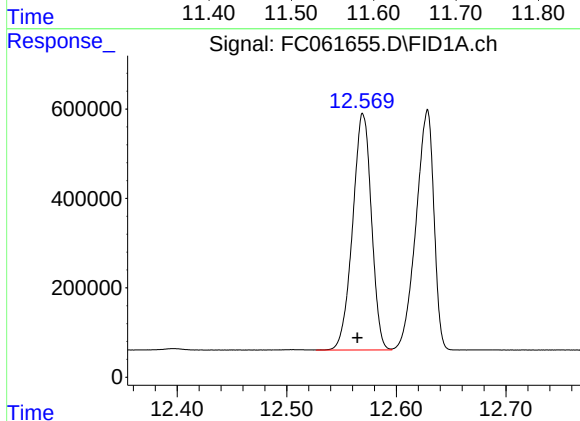
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.005 min
Response: 6466683
Conc: 37.84 ug/ml

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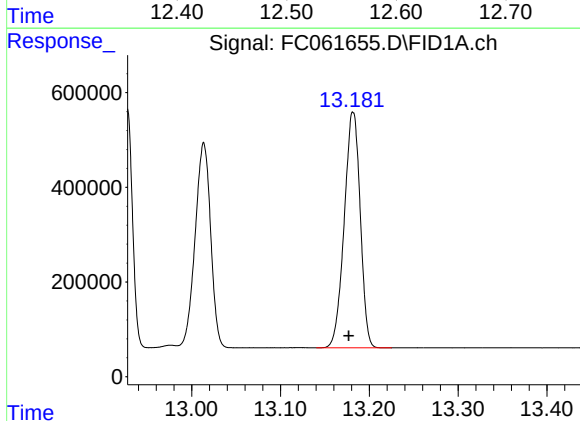
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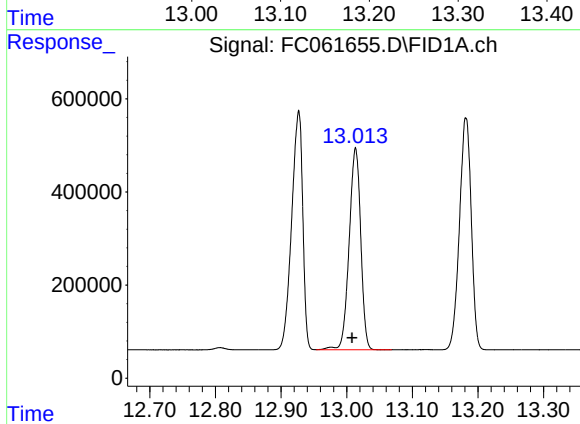
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.005 min
Response: 6305629
Conc: 39.57 ug/ml



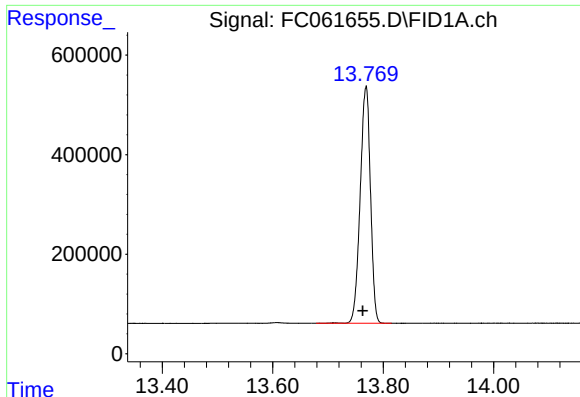
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: 0.005 min
Response: 6236449
Conc: 38.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: 0.005 min
Response: 5316766
Conc: 38.92 ug/ml



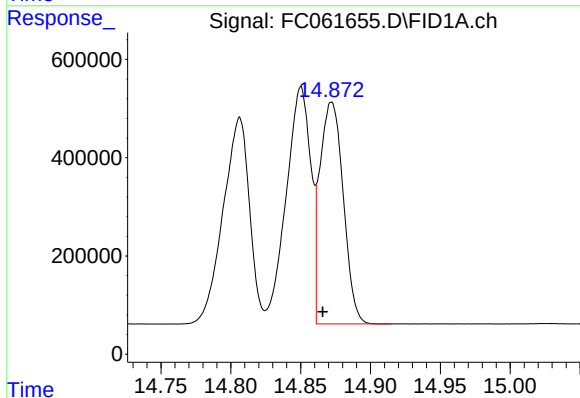
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.006 min
Response: 6146591
Conc: 38.26 ug/ml

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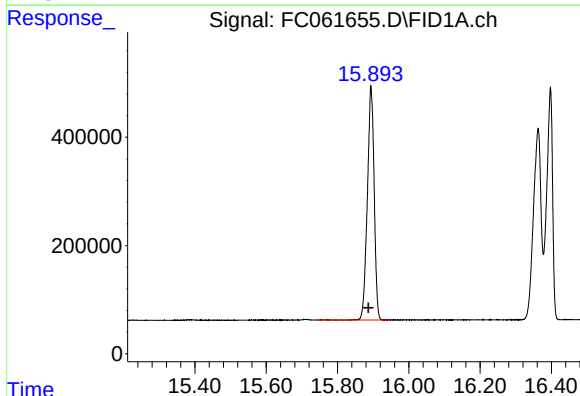
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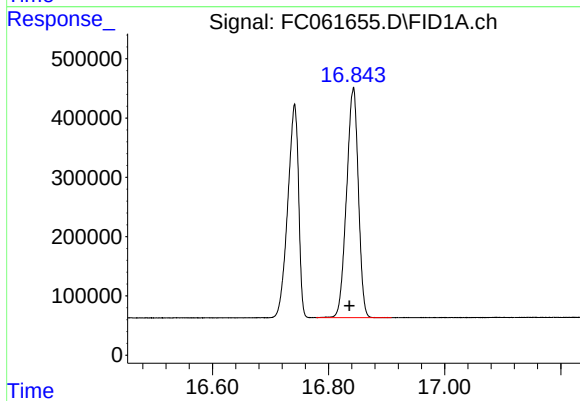
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 5253580
Conc: 32.80 ug/ml



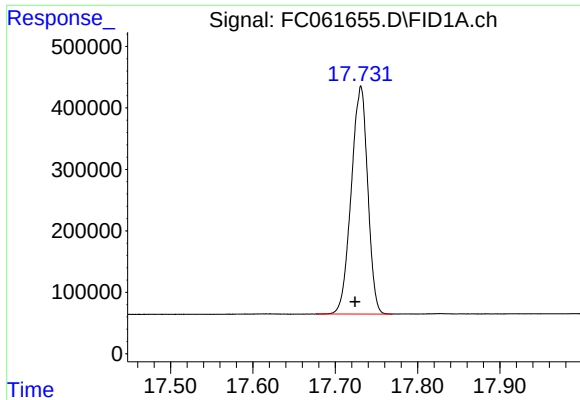
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.007 min
Response: 5707635
Conc: 36.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: 0.006 min
Response: 5470845
Conc: 35.30 ug/ml



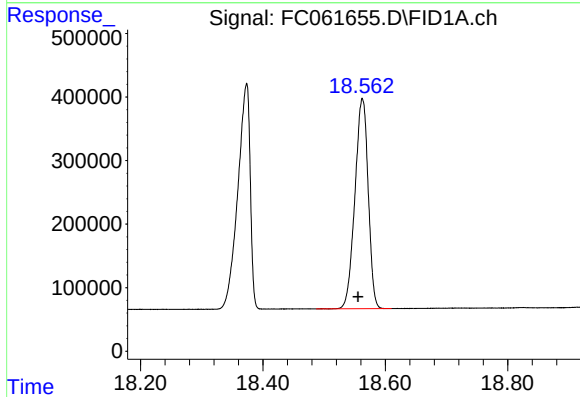
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.007 min
Response: 5161309
Conc: 33.54 ug/ml

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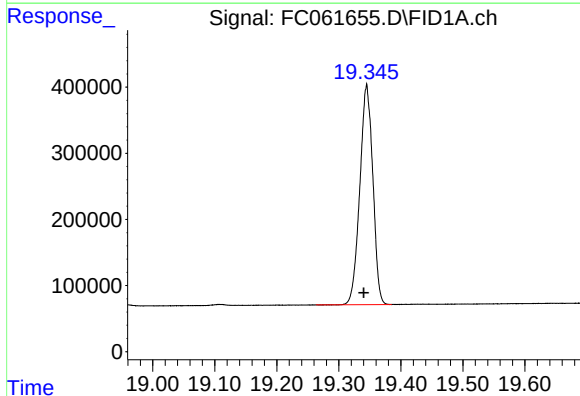
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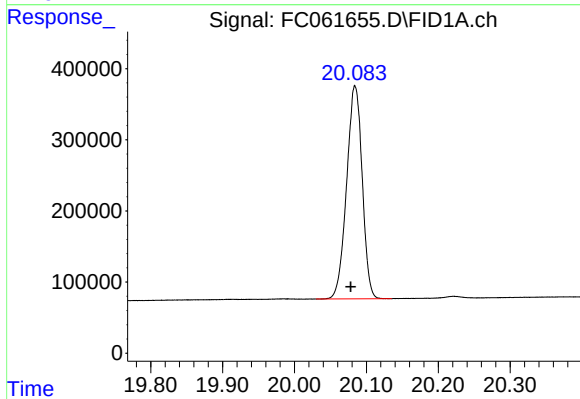
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.007 min
Response: 4979288
Conc: 32.93 ug/ml



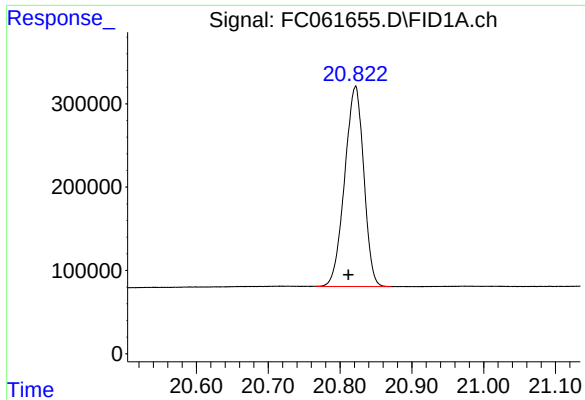
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: 0.005 min
Response: 4838964
Conc: 34.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.006 min
Response: 4504185
Conc: 32.63 ug/ml



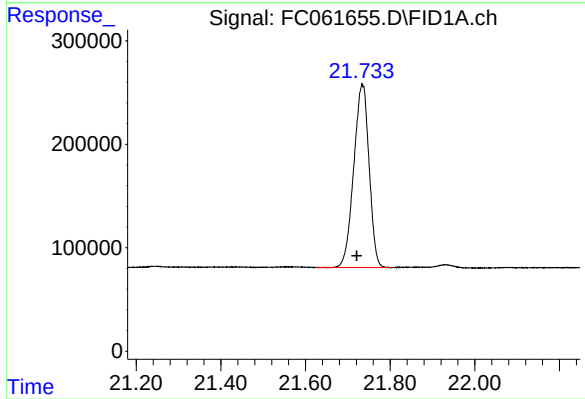
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: 0.010 min
Response: 4436921
Conc: 34.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.013 min
Response: 4448600
Conc: 36.40 ug/ml