

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061448.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 18:28
 Operator : YP/AJ
 Sample : PB147505BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147505BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:48:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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			
12) S 1-chlorooctadecane (S...	13.017	4364080	31.161 ug/ml
Spiked Amount 50.000		Recovery =	62.32%
Target Compounds			
1) T n-Nonane (C9)	3.334	3397917	22.475 ug/ml
2) T n-Decane (C10)	4.403	4212219	27.760 ug/ml
4) T n-Dodecane (C12)	6.422	4808990	31.051 ug/ml
6) T n-Tetradecane (C14)	8.220	4927225	31.501 ug/ml
7) T n-Hexadecane (C16)	9.821	5222378	33.342 ug/ml
8) T n-Octadecane (C18)	11.264	5604738	35.525 ug/ml
10) T n-Eicosane (C20)	12.574	5598219	36.011 ug/ml
11) T n-Heneicosane (C21)	13.185	5595445	35.772 ug/ml
13) T n-Docosane (C22)	13.772	5519478	35.568 ug/ml
14) T n-Tetracosane (C24)	14.875	5452570	35.246 ug/ml
15) T n-Hexacosane (C26)	15.895	5198754	34.542 ug/ml
16) T n-Octacosane (C28)	16.844	5025972	34.027 ug/ml
17) T n-Tricontane (C30)	17.731	4966451	35.958 ug/ml
18) T n-Dotriacontane (C32)	18.563	4944830	45.049 ug/ml
19) T n-Tetratriacontane (C34)	19.346	4982053	64.545 ug/mlm
20) T n-Hexatriacontane (C36)	20.085	4757462	84.265 ug/mlm
21) T n-Octatriacontane (C38)	20.818	4735009	102.067 ug/ml
22) T n-Tetracontane (C40)	21.732	4761051	113.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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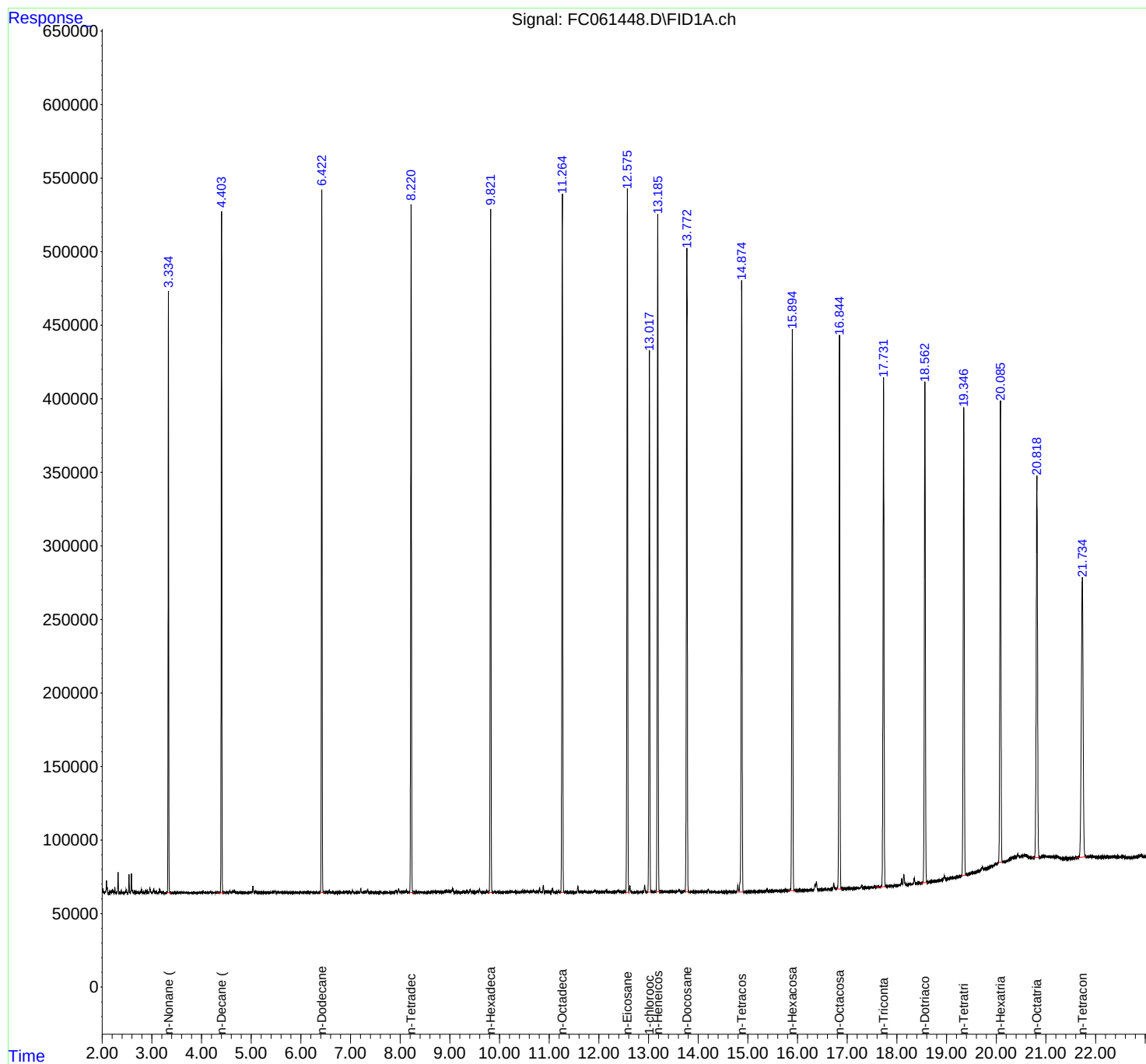
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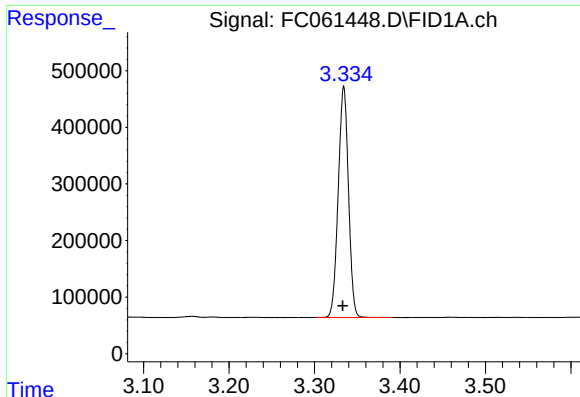
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#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.001 min
Response: 3397917
Conc: 22.47 ug/ml

Instrument :

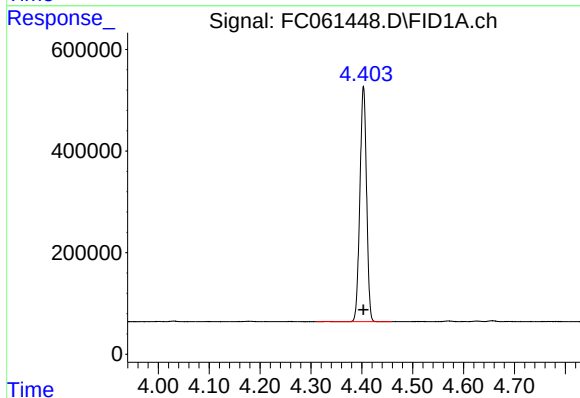
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ClientSampleId :

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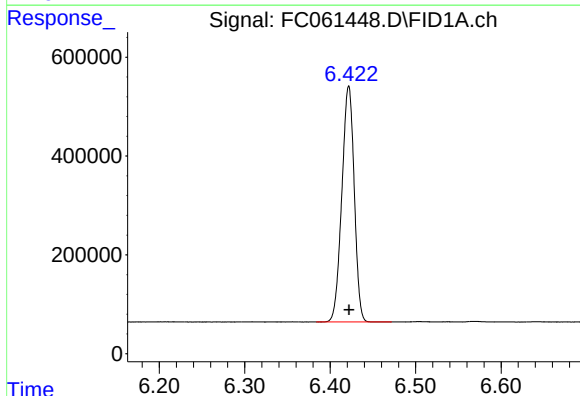
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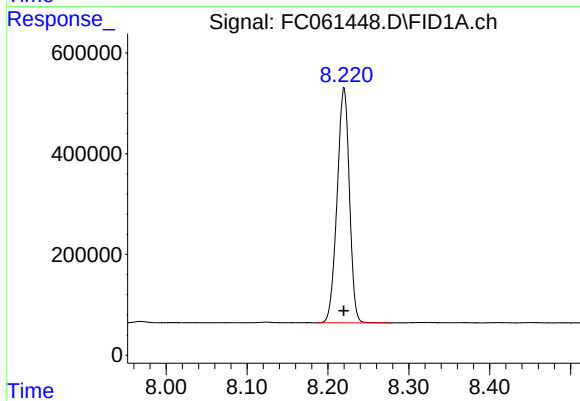
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 4212219
Conc: 27.76 ug/ml



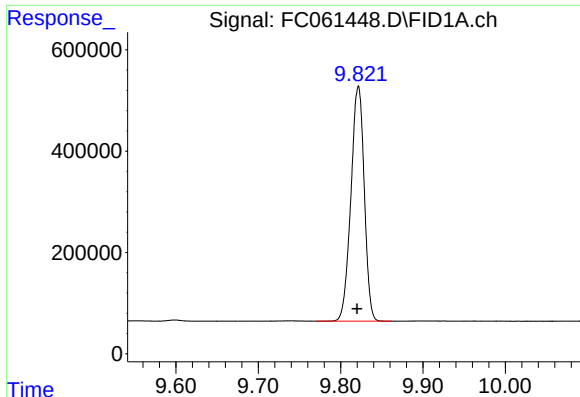
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 4808990
Conc: 31.05 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 4927225
Conc: 31.50 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.001 min
Response: 5222378
Conc: 33.34 ug/ml

Instrument :

FID_C

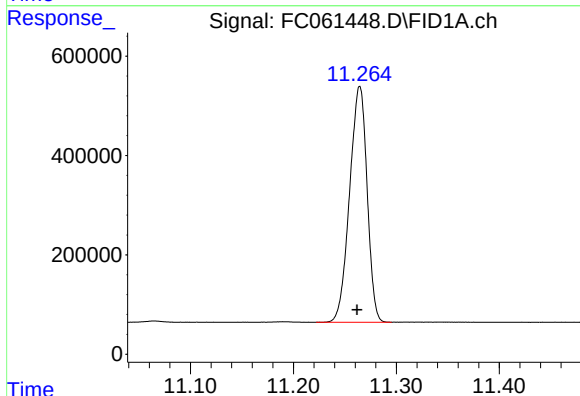
ClientSampleId :

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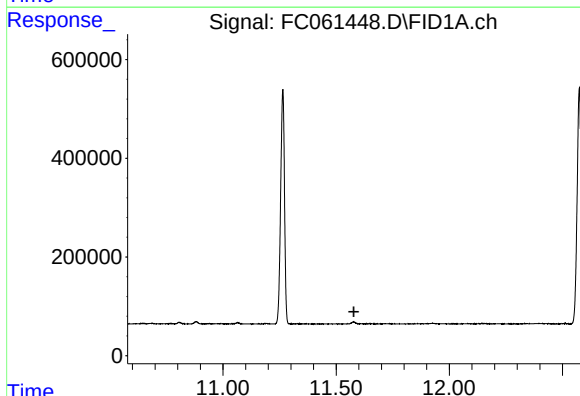
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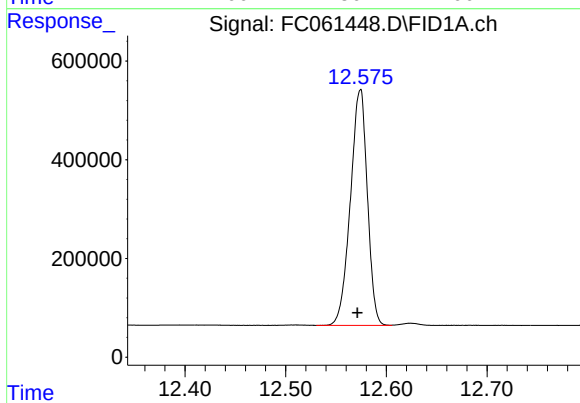
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: 0.002 min
Response: 5604738
Conc: 35.53 ug/ml



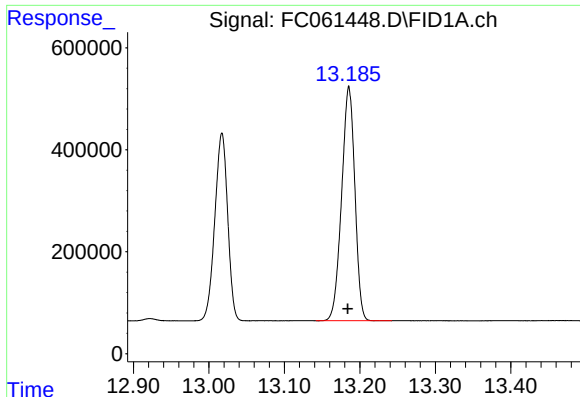
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.578 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.002 min
Response: 5598219
Conc: 36.01 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.001 min
Response: 5595445
Conc: 35.77 ug/ml

Instrument :

FID_C

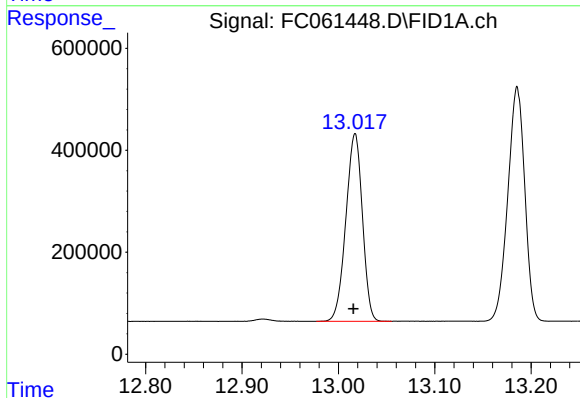
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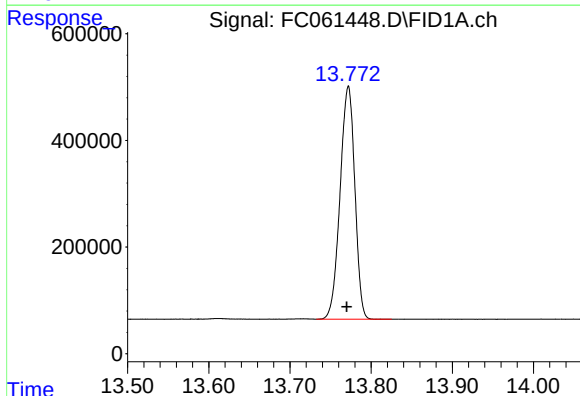
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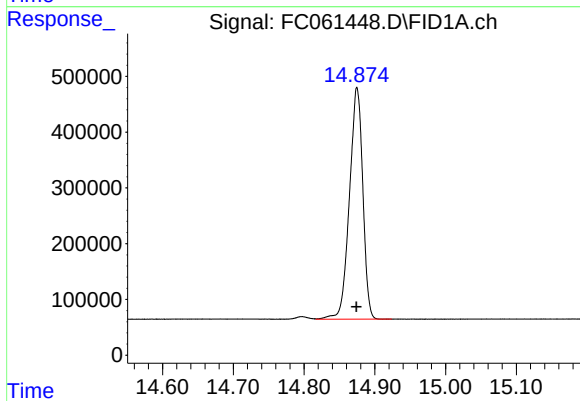
#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: 0.001 min
Response: 4364080
Conc: 31.16 ug/ml



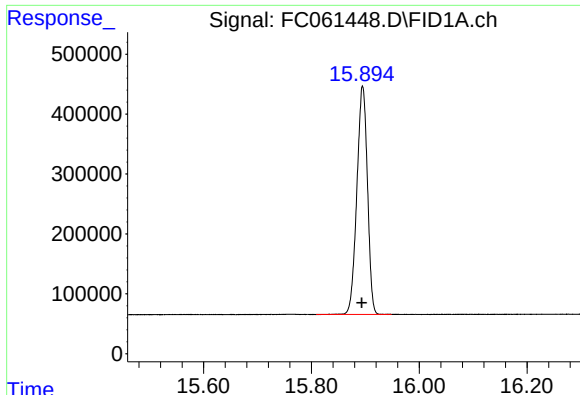
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: 0.002 min
Response: 5519478
Conc: 35.57 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.001 min
Response: 5452570
Conc: 35.25 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.001 min
Response: 5198754
Conc: 34.54 ug/ml

Instrument :

FID_C

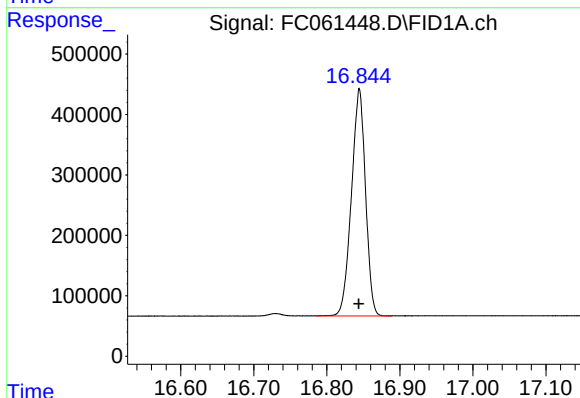
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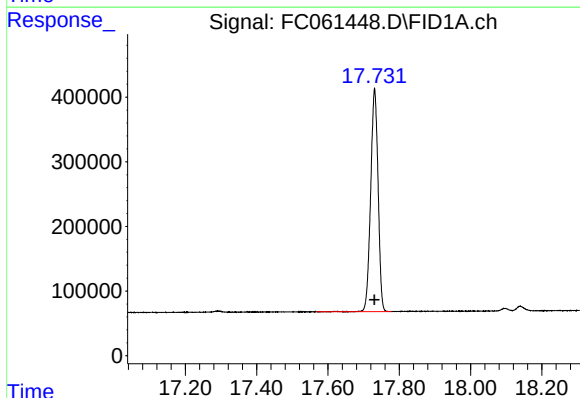
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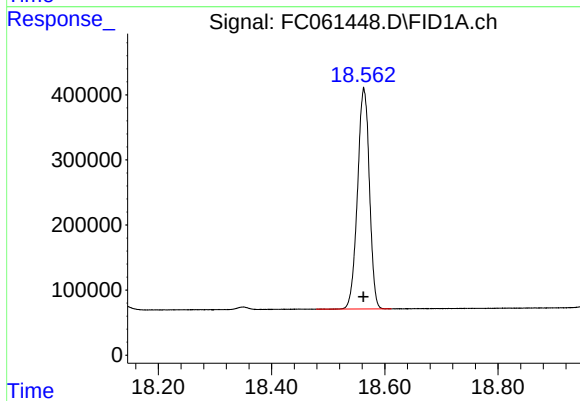
#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 5025972
Conc: 34.03 ug/ml



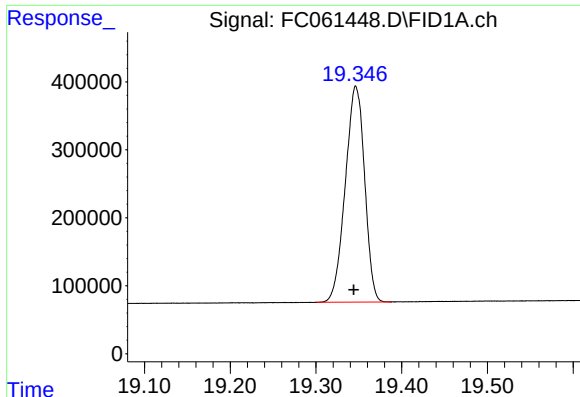
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.000 min
Response: 4966451
Conc: 35.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 4944830
Conc: 45.05 ug/ml



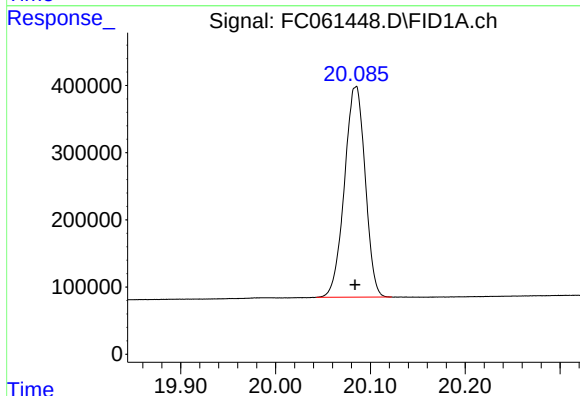
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.002 min
Response: 4982053
Conc: 64.54 ug/ml

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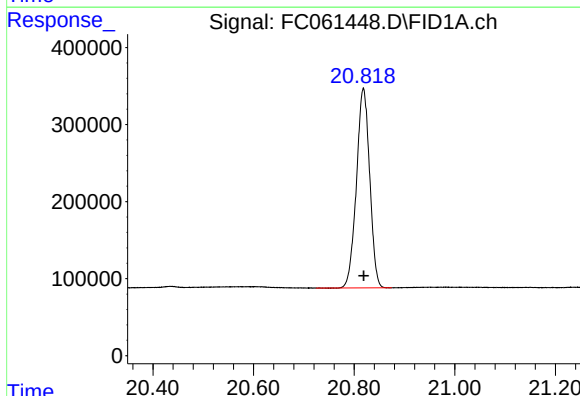
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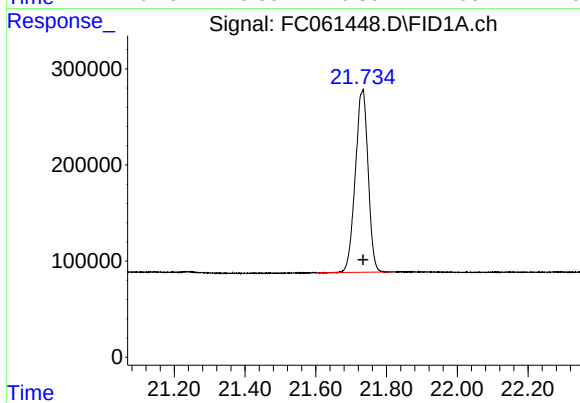
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: 0.002 min
Response: 4757462
Conc: 84.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.000 min
Response: 4735009
Conc: 102.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.002 min
Response: 4761051
Conc: 113.51 ug/ml