

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049103.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 17:02
 Operator : YP\AJ
 Sample : P3211-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-07102024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:25:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.919	3575968	21.386 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	13.355	3392272	26.381 ug/ml
Spiked Amount 50.000		Recovery =	52.76%
Target Compounds			
1) T n-Nonane (C9)	3.305	2057292	13.684 ug/ml
2) T n-Decane (C10)	4.556	2325113	15.109 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2716541	17.112 ug/ml
4) T n-Dodecane (C12)	6.722	2408573	15.602 ug/ml
5) T A~2-methylnaphthalene...	7.358	2806308	18.531 ug/ml
6) T n-Tetradecane (C14)	8.551	2785925	18.177 ug/ml
7) T n-Hexadecane (C16)	10.157	2986639	19.101 ug/ml
8) T n-Octadecane (C18)	11.599	3002203	18.824 ug/ml
10) T n-Eicosane (C20)	12.909	3205319	20.675 ug/ml
11) T n-Heneicosane (C21)	13.521	3029437	19.896 ug/ml
13) T n-Docosane (C22)	14.107	2969696	19.637 ug/ml
14) T n-Tetracosane (C24)	15.200	6152087	40.938 ug/ml
15) T n-Hexacosane (C26)	16.229	2944685	19.946 ug/ml
16) T n-Octacosane (C28)	17.178	3166822	21.959 ug/ml
17) T n-Tricontane (C30)	18.065	3014072	20.602 ug/ml
18) T n-Dotriacontane (C32)	18.898	2980734	20.847 ug/ml
19) T n-Tetratriacontane (C34)	19.681	3084944	22.295 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2865148	22.045 ug/mlm
21) T n-Octatriacontane (C38)	21.155	3109178	24.253 ug/mlm
22) T n-Tetracontane (C40)	22.066	3028282	24.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3211-01MSD
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ALS Vial : 13 Sample Multiplier: 1

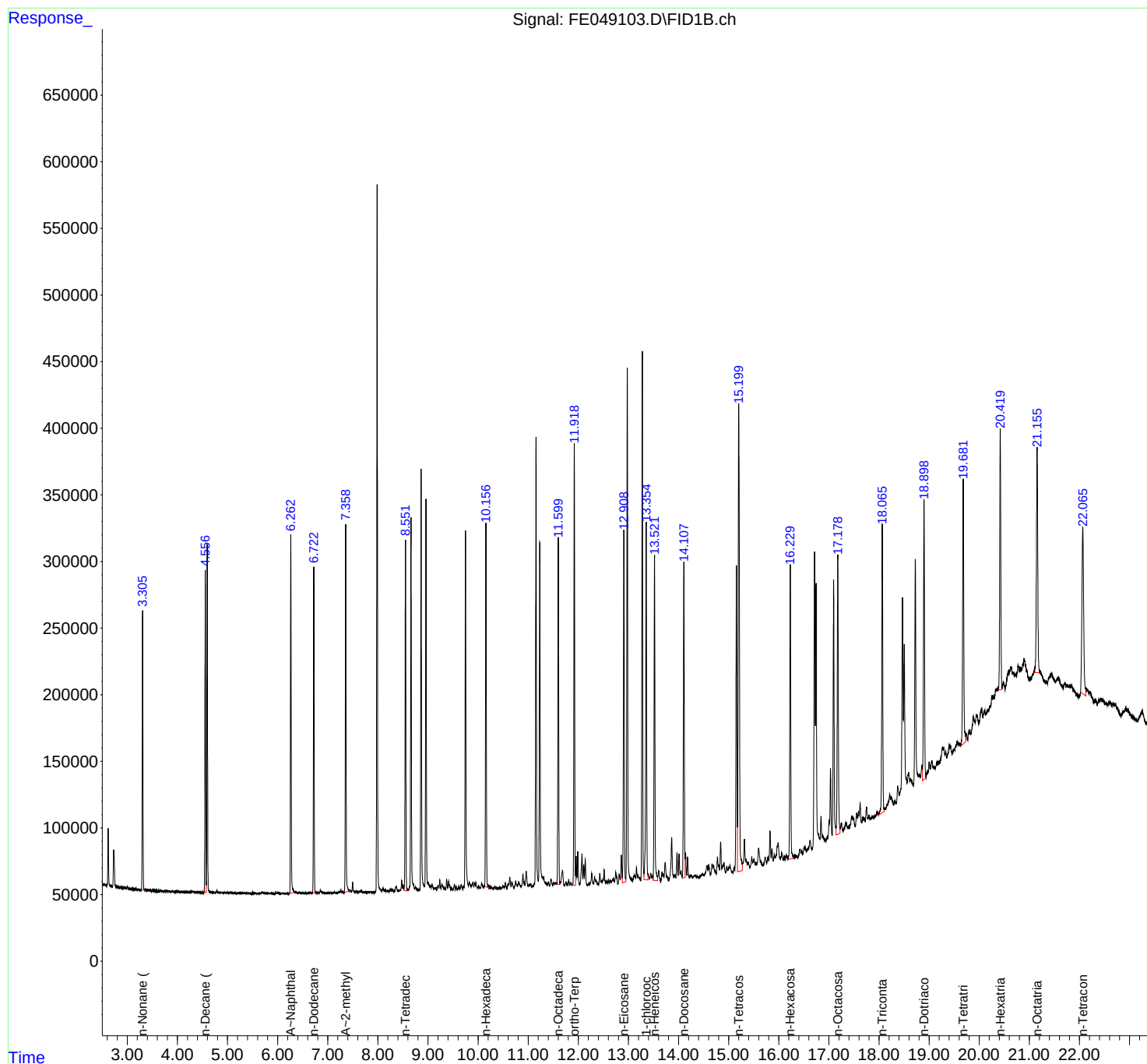
Instrument :
FID_E
ClientSampleId :
TR-04-07102024MSD

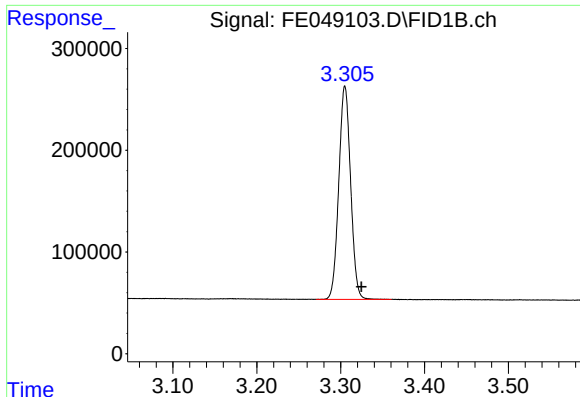
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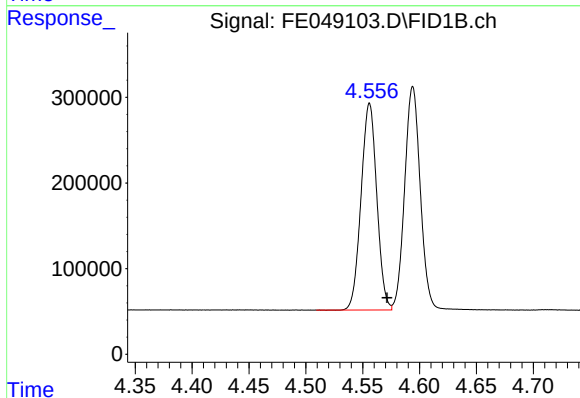
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.020 min
Response: 2057292
Conc: 13.68 ug/ml

Instrument :
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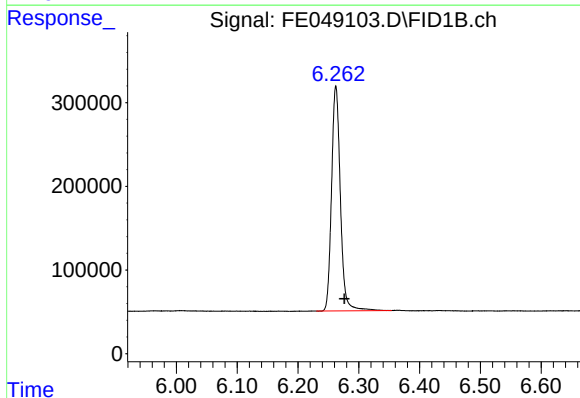
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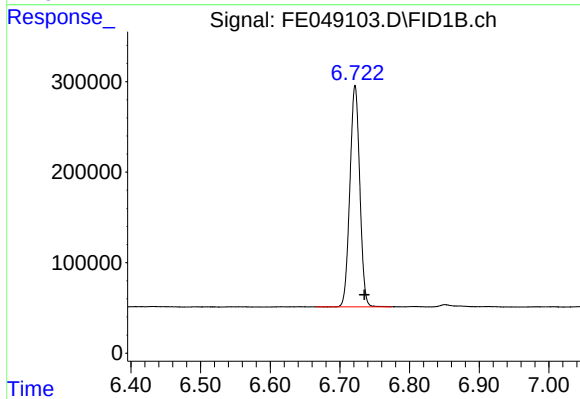
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.015 min
Response: 2325113
Conc: 15.11 ug/ml



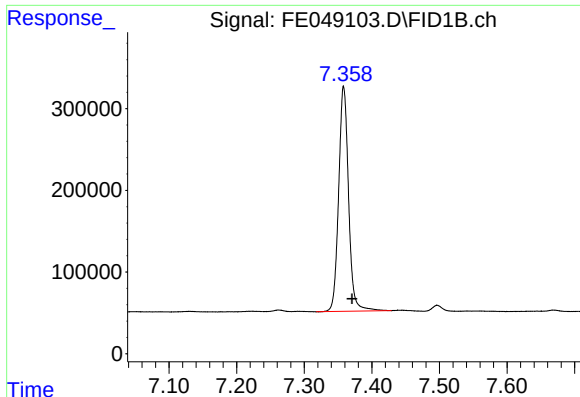
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.014 min
Response: 2716541
Conc: 17.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.013 min
Response: 2408573
Conc: 15.60 ug/ml



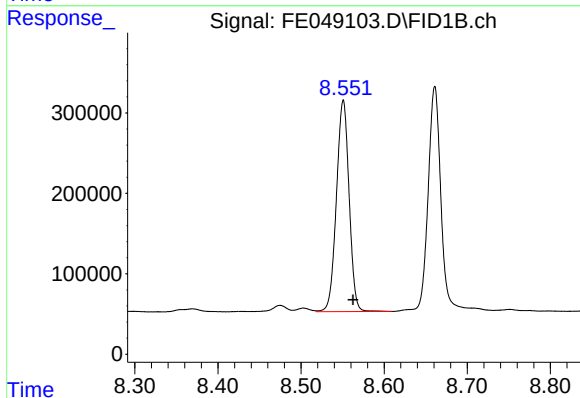
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.358 min
Delta R.T.: -0.012 min
Response: 2806308
Conc: 18.53 ug/ml

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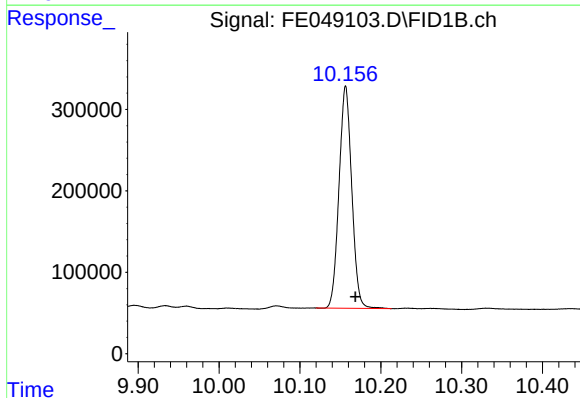
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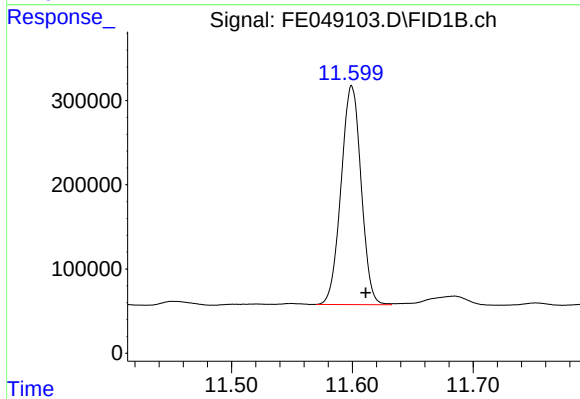
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 2785925
Conc: 18.18 ug/ml



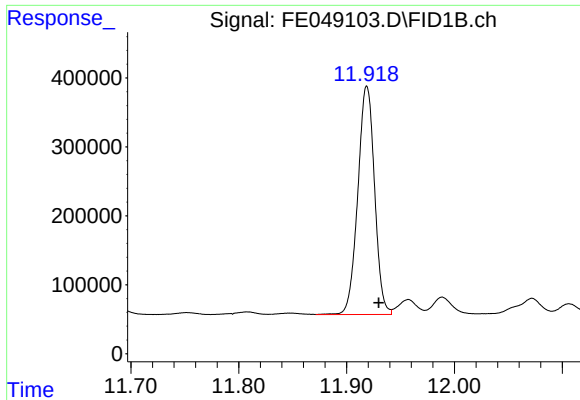
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.012 min
Response: 2986639
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.012 min
Response: 3002203
Conc: 18.82 ug/ml



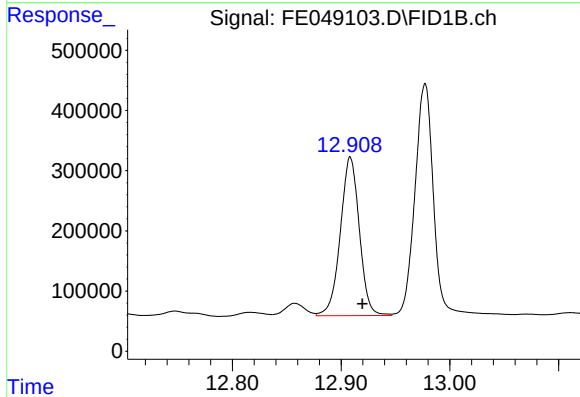
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.011 min
Response: 3575968
Conc: 21.39 ug/ml

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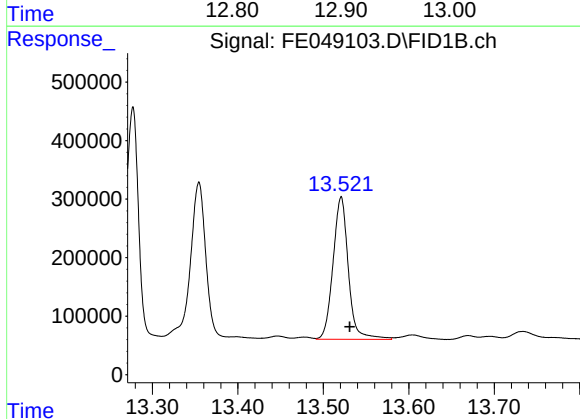
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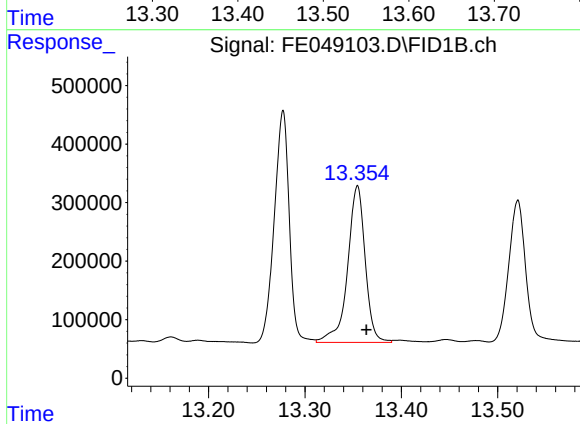
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.011 min
Response: 3205319
Conc: 20.67 ug/ml



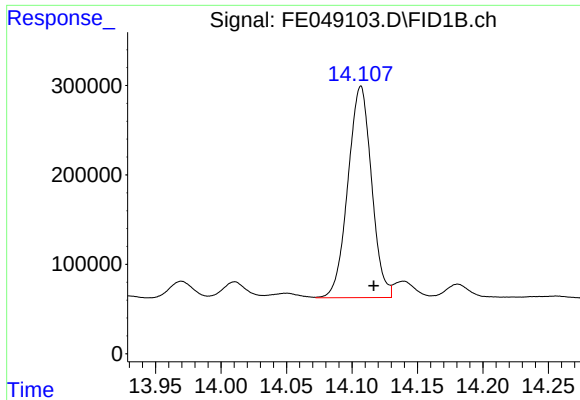
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.010 min
Response: 3029437
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: -0.009 min
Response: 3392272
Conc: 26.38 ug/ml



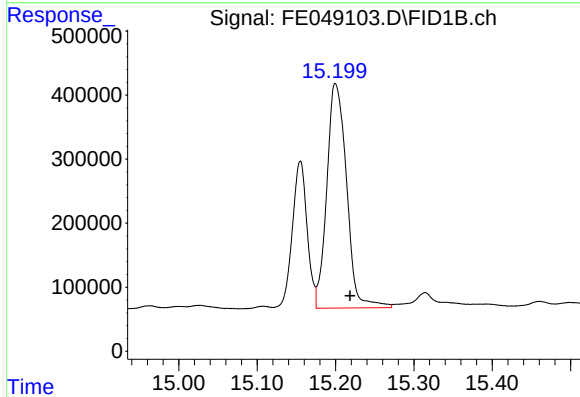
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.010 min
Response: 2969696
Conc: 19.64 ug/ml

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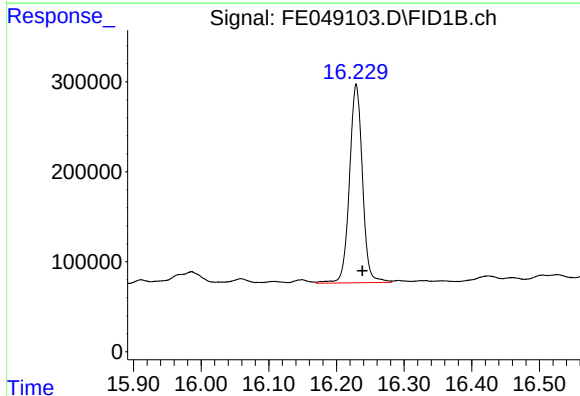
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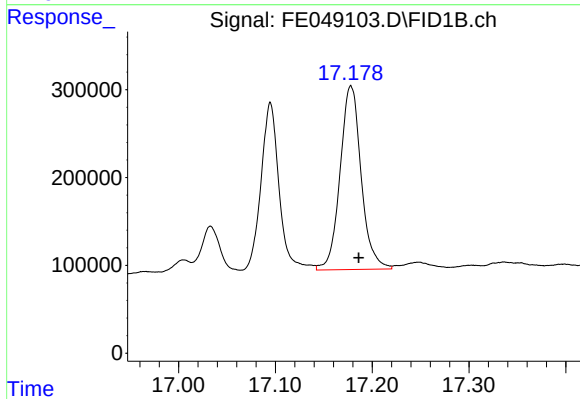
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.019 min
Response: 6152087
Conc: 40.94 ug/ml



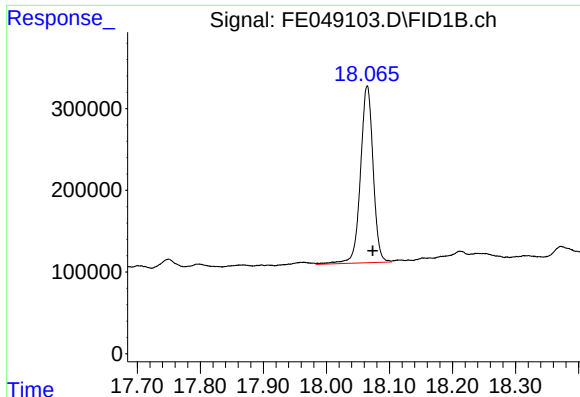
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.009 min
Response: 2944685
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.008 min
Response: 3166822
Conc: 21.96 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.008 min
Response: 3014072
Conc: 20.60 ug/ml

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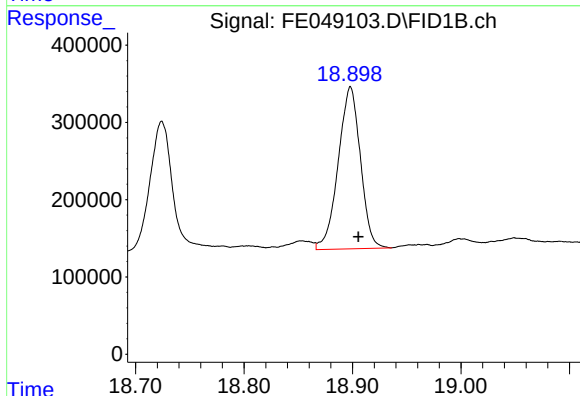
ClientSampleId :

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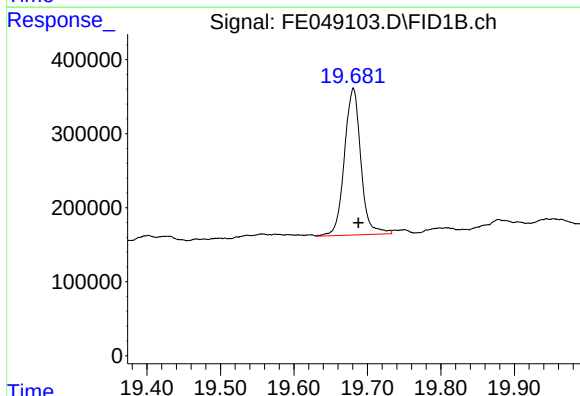
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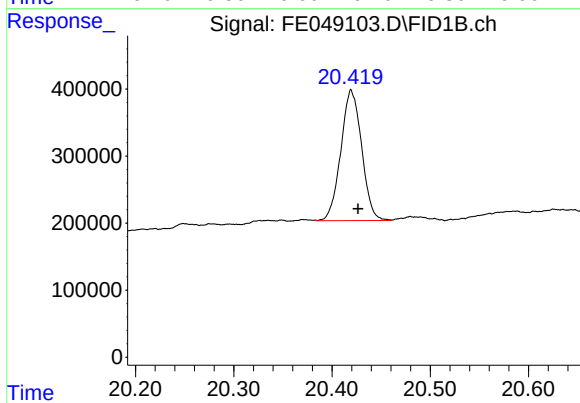
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.007 min
Response: 2980734
Conc: 20.85 ug/ml



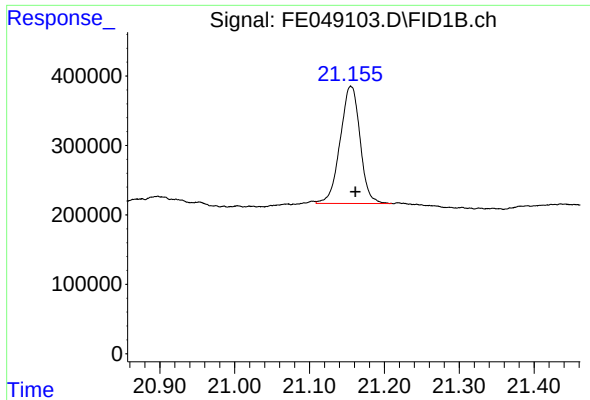
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.007 min
Response: 3084944
Conc: 22.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.419 min
Delta R.T.: -0.008 min
Response: 2865148
Conc: 22.05 ug/ml m



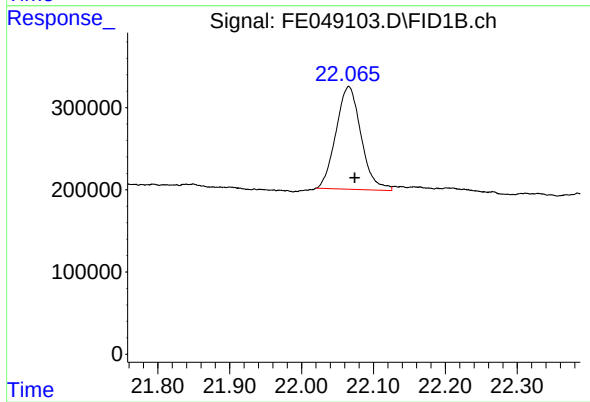
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.007 min
Response: 3109178
Conc: 24.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.008 min
Response: 3028282
Conc: 24.73 ug/ml