

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020824AL\
 Data File : FE046644.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2024 18:26
 Operator : YP\AJ
 Sample : P1339-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-COMPMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024

Integration File: autoint1.e

Quant Time: Feb 09 02:40:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

QLast Update : Thu Jan 25 14:56:03 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)	11.810	5665195	30.638 ug/ml
Spiked Amount 50.000		Recovery =	61.28%
12) S 1-chlorooctadecane (S...	13.251	5031804	35.367 ug/ml
Spiked Amount 50.000		Recovery =	70.73%
Target Compounds			
1) T n-Nonane (C9)	3.198	1527853	9.459 ug/mlm
2) T n-Decane (C10)	4.450	1866012	11.386 ug/ml
3) T A~Naphthalene (C11.7)	6.154	3985956	23.310 ug/ml
4) T n-Dodecane (C12)	6.617	3918075	23.687 ug/ml
5) T A~2-methylnaphthalene...	7.250	4875287	30.568 ug/ml
6) T n-Tetradecane (C14)	8.445	5587998	34.095 ug/ml
7) T n-Hexadecane (C16)	10.053	6341181	37.109 ug/ml
8) T n-Octadecane (C18)	11.497	6783534	38.910 ug/ml
10) T n-Eicosane (C20)	12.809	6876431	40.501 ug/ml
11) T n-Heneicosane (C21)	13.419	6685421	40.083 ug/ml
13) T n-Docosane (C22)	14.006	6532250	39.430 ug/ml
14) T n-Tetracosane (C24)	15.109	14929549	90.480 ug/ml
15) T n-Hexacosane (C26)	16.132	6288746	38.963 ug/ml
16) T n-Octacosane (C28)	17.082	7883210	50.218 ug/mlm
17) T n-Tricontane (C30)	17.973	6223442	39.733 ug/ml
18) T n-Dotriacontane (C32)	18.804	6852106	45.330 ug/mlm
19) T n-Tetratriacontane (C34)	19.590	5853982	41.273 ug/mlm
20) T n-Hexatriacontane (C36)	20.330	5680608	41.211 ug/mlm
21) T n-Octatriacontane (C38)	21.057	5816724	45.374 ug/ml
22) T n-Tetracontane (C40)	21.945	6002739	48.008 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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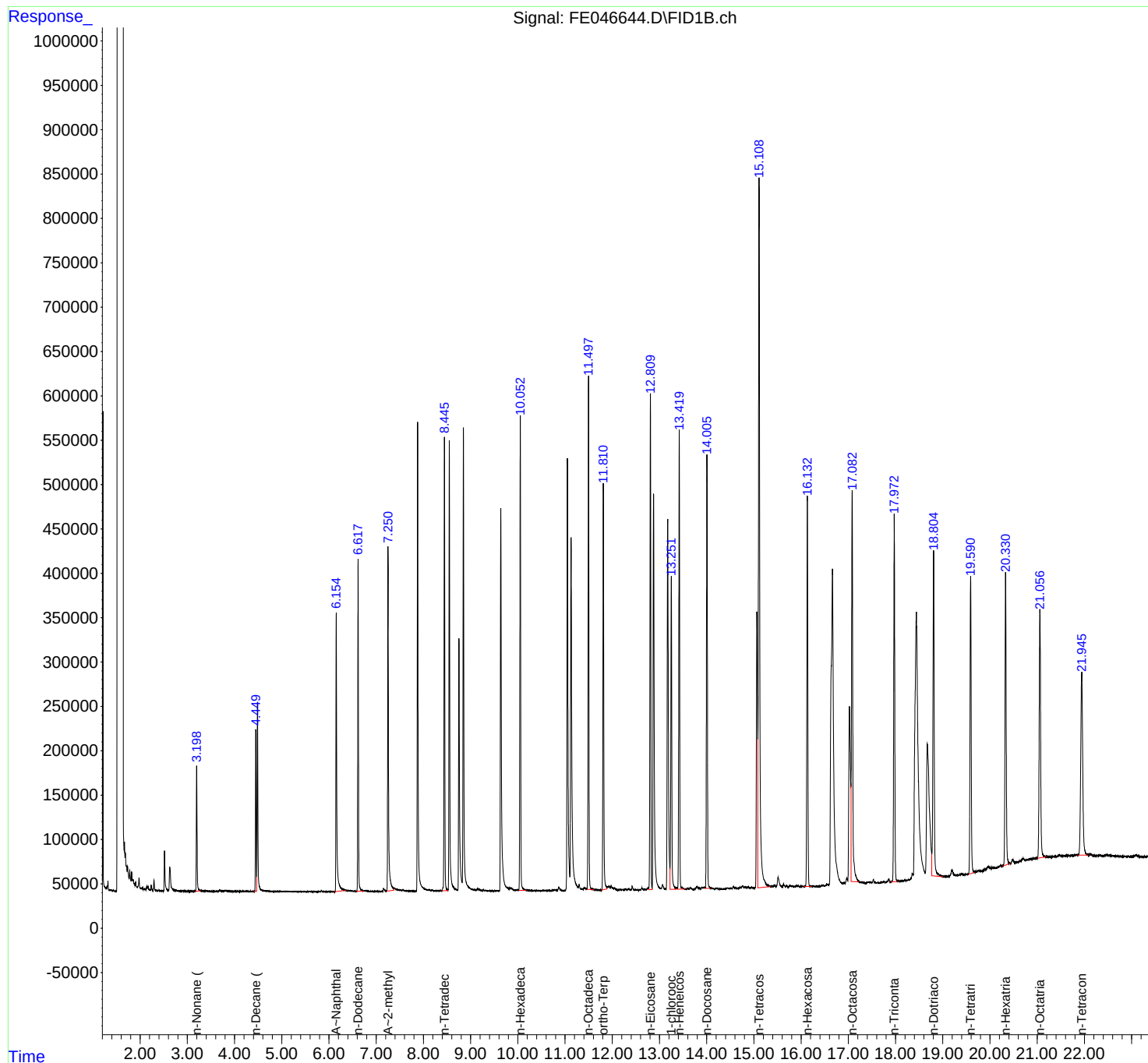
Response via : Initial Calibration

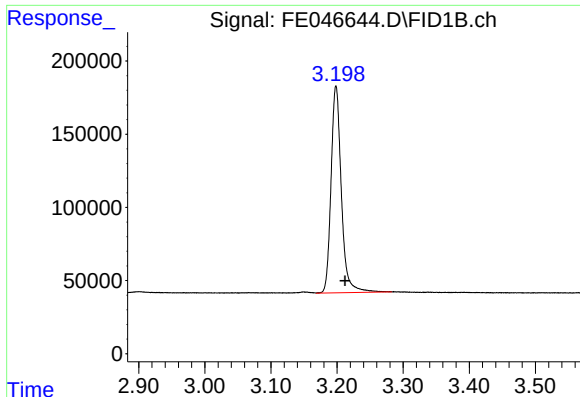
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.198 min
Delta R.T.: -0.014 min
Response: 1527853
Conc: 9.46 ug/ml

Instrument :

FID_E

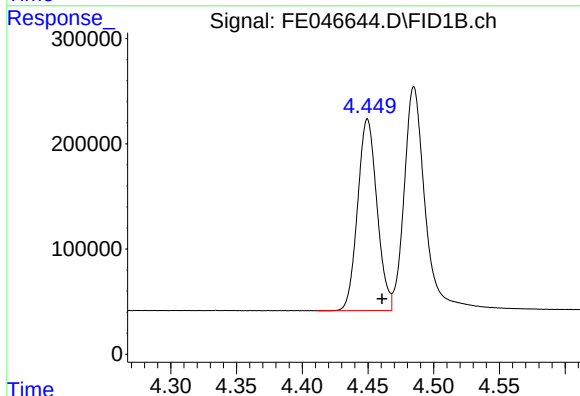
ClientSampleId :

WC-COMPMS

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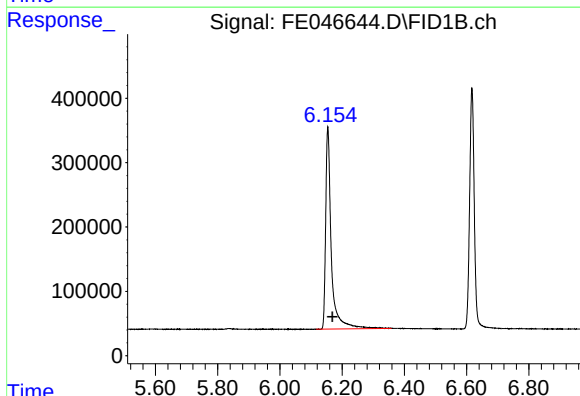
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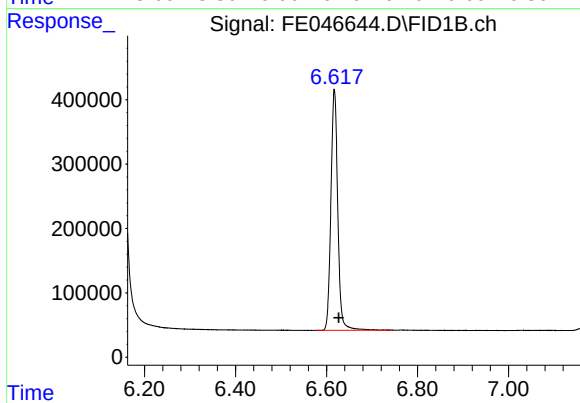
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.011 min
Response: 1866012
Conc: 11.39 ug/ml



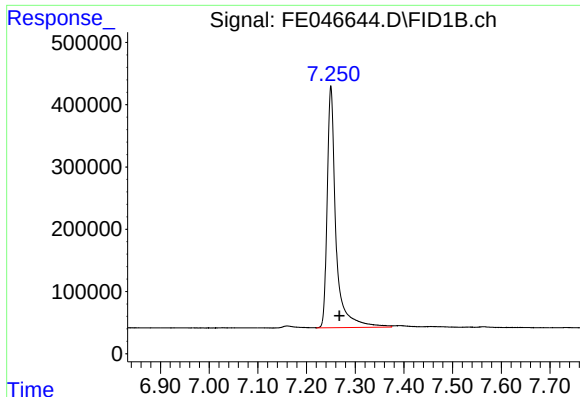
#3 A~Naphthalene (C11.7)

R.T.: 6.154 min
Delta R.T.: -0.015 min
Response: 3985956
Conc: 23.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 3918075
Conc: 23.69 ug/ml



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

R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 4875287
Conc: 30.57 ug/ml

Instrument :

FID_E

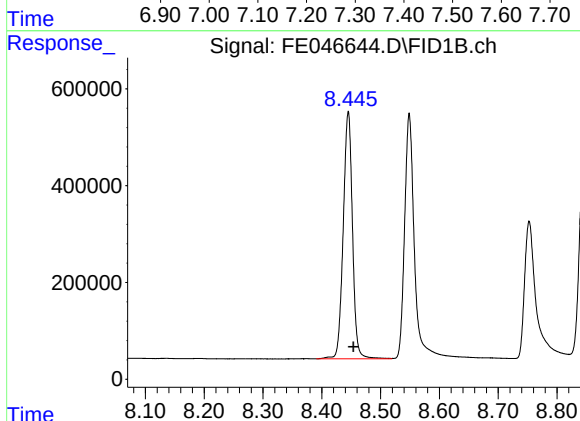
ClientSampleId :

WC-COMPMS

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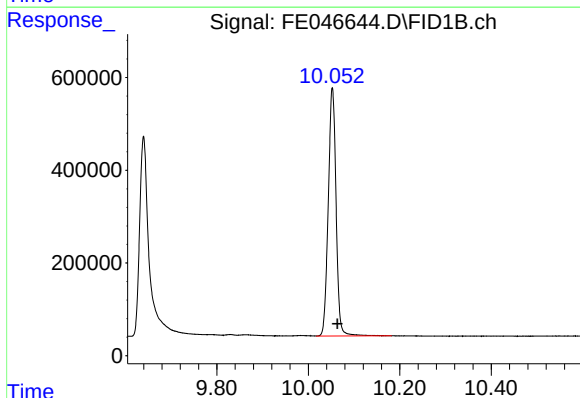
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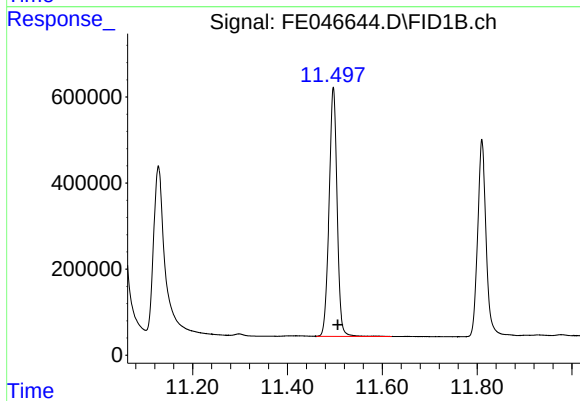
#6 n-Tetradecane (C14)

R.T.: 8.445 min
Delta R.T.: -0.009 min
Response: 5587998
Conc: 34.09 ug/ml



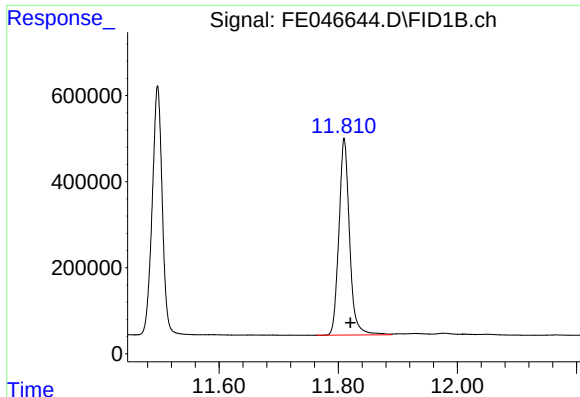
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 6341181
Conc: 37.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.010 min
Response: 6783534
Conc: 38.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.010 min
Response: 5665195
Conc: 30.64 ug/ml

Instrument :

FID_E

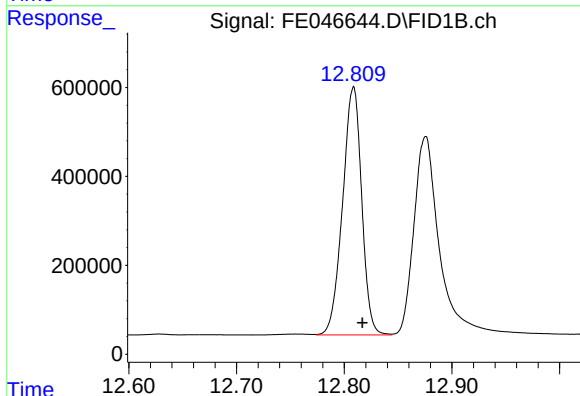
ClientSampleId :

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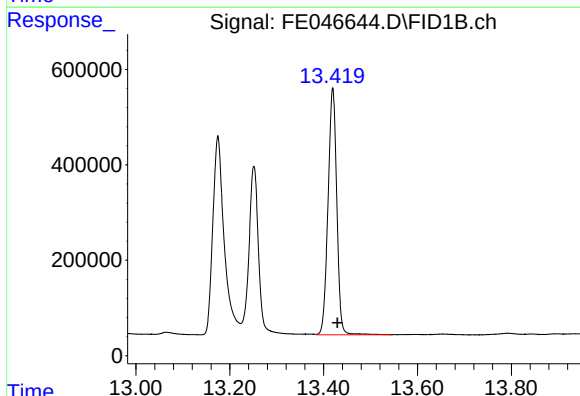
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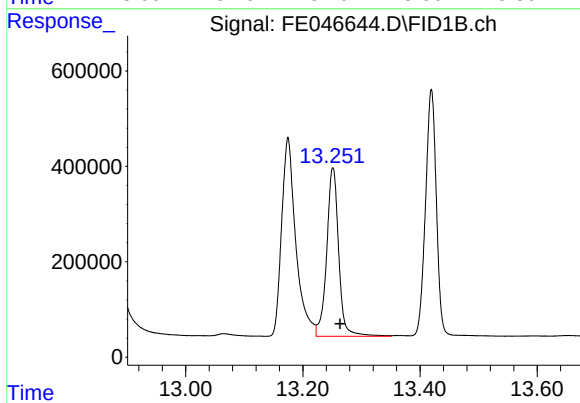
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 6876431
Conc: 40.50 ug/ml



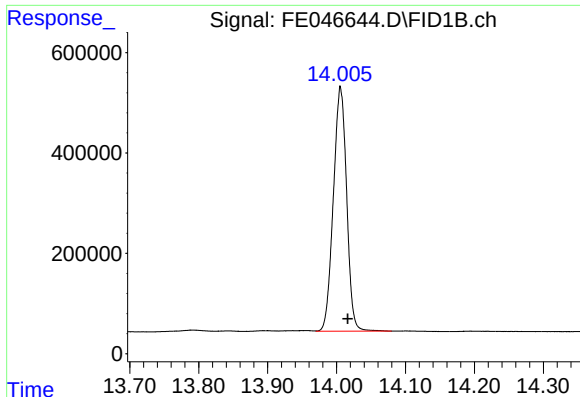
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.010 min
Response: 6685421
Conc: 40.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.251 min
Delta R.T.: -0.012 min
Response: 5031804
Conc: 35.37 ug/ml



#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 6532250
Conc: 39.43 ug/ml

Instrument :

FID_E

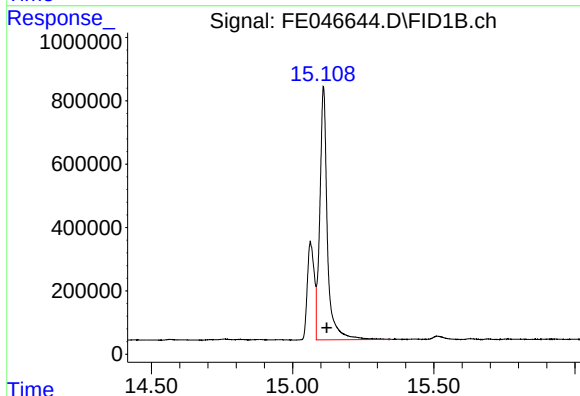
ClientSampleId :

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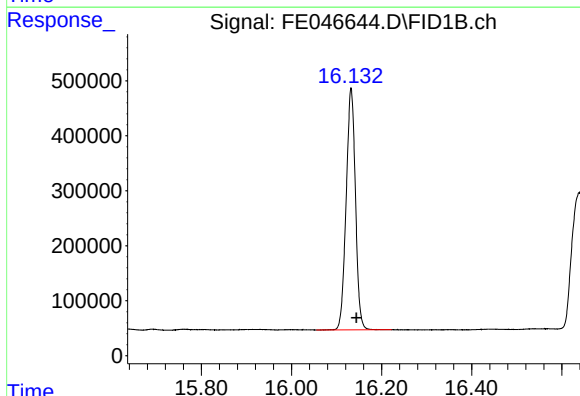
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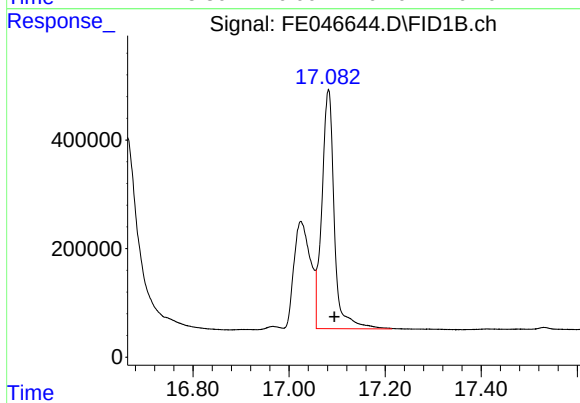
#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.012 min
Response: 14929549
Conc: 90.48 ug/ml



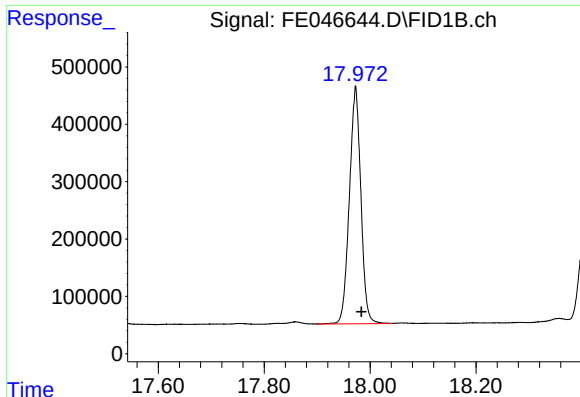
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.012 min
Response: 6288746
Conc: 38.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.013 min
Response: 7883210
Conc: 50.22 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.011 min
Response: 6223442
Conc: 39.73 ug/ml

Instrument :

FID_E

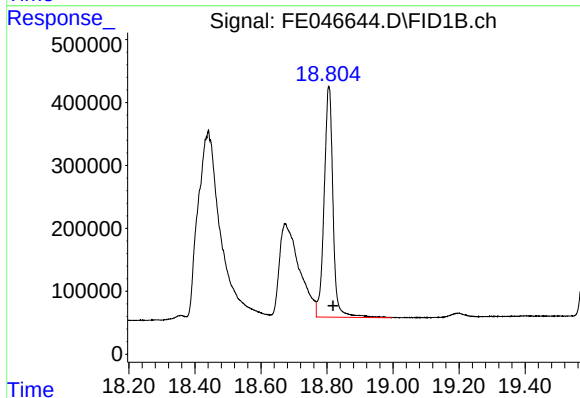
ClientSampleId :

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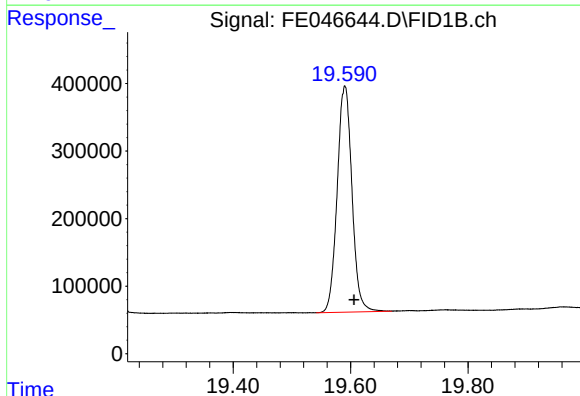
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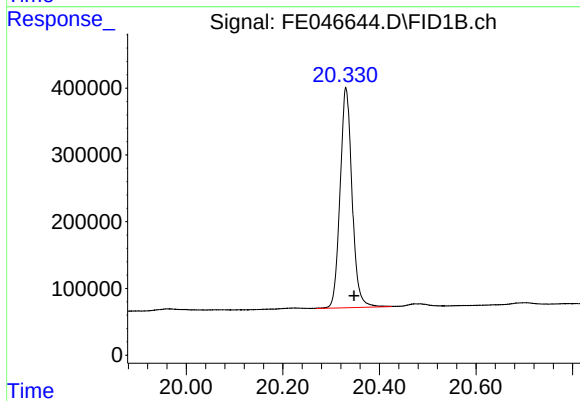
#18 n-Dotriacontane (C32)

R.T.: 18.804 min
Delta R.T.: -0.014 min
Response: 6852106
Conc: 45.33 ug/ml m



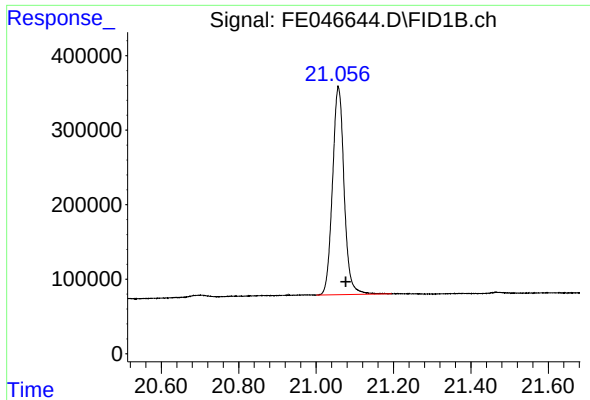
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min
Delta R.T.: -0.016 min
Response: 5853982
Conc: 41.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.330 min
Delta R.T.: -0.018 min
Response: 5680608
Conc: 41.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.057 min
Delta R.T.: -0.019 min
Response: 5816724
Conc: 45.37 ug/ml

Instrument :

FID_E

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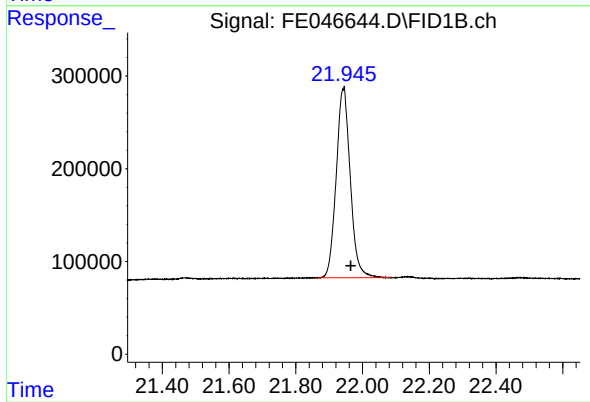
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#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.020 min
Response: 6002739
Conc: 48.01 ug/ml m