

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046319.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 21:19
 Operator : YP\AJ
 Sample : P1181-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-05-011824MS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 01/22/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 19 22:11:51 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.828	7715400	42.456 ug/ml
Spiked Amount 50.000		Recovery =	84.91%
12) S 1-chlorooctadecane (S...	13.265	14824876	110.956 ug/ml
Spiked Amount 50.000		Recovery =	221.91%
Target Compounds			
1) T n-Nonane (C9)	3.215	4946339	32.320 ug/ml
2) T n-Decane (C10)	4.466	5695304	36.697 ug/ml
3) T A~Naphthalene (C11.7)	6.167	7022541	42.227 ug/ml
4) T n-Dodecane (C12)	6.632	6494831	41.597 ug/ml
5) T A~2-methylnaphthalene...	7.263	7097354	44.578 ug/ml
6) T n-Tetradecane (C14)	8.460	7274447	46.699 ug/ml
7) T n-Hexadecane (C16)	10.068	7889495	49.821 ug/ml
8) T n-Octadecane (C18)	11.514	8250010	52.417 ug/ml
10) T n-Eicosane (C20)	12.826	8322261	55.013 ug/ml
11) T n-Heneicosane (C21)	13.439	7902469	53.740 ug/ml
13) T n-Docosane (C22)	14.026	7845235	53.671 ug/ml
14) T n-Tetracosane (C24)	15.130	16906109	116.567 ug/ml
15) T n-Hexacosane (C26)	16.155	7362360	51.353 ug/ml
16) T n-Octacosane (C28)	17.106	9125397	63.627 ug/mlm
17) T n-Tricontane (C30)	17.999	7232472	48.659 ug/ml
18) T n-Dotriacontane (C32)	18.832	7444624	49.776 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	7085280	49.459 ug/ml
20) T n-Hexatriacontane (C36)	20.360	6881257	47.196 ug/mlm
21) T n-Octatriacontane (C38)	21.092	7171954	48.637 ug/ml
22) T n-Tetracontane (C40)	21.989	7336271	46.869 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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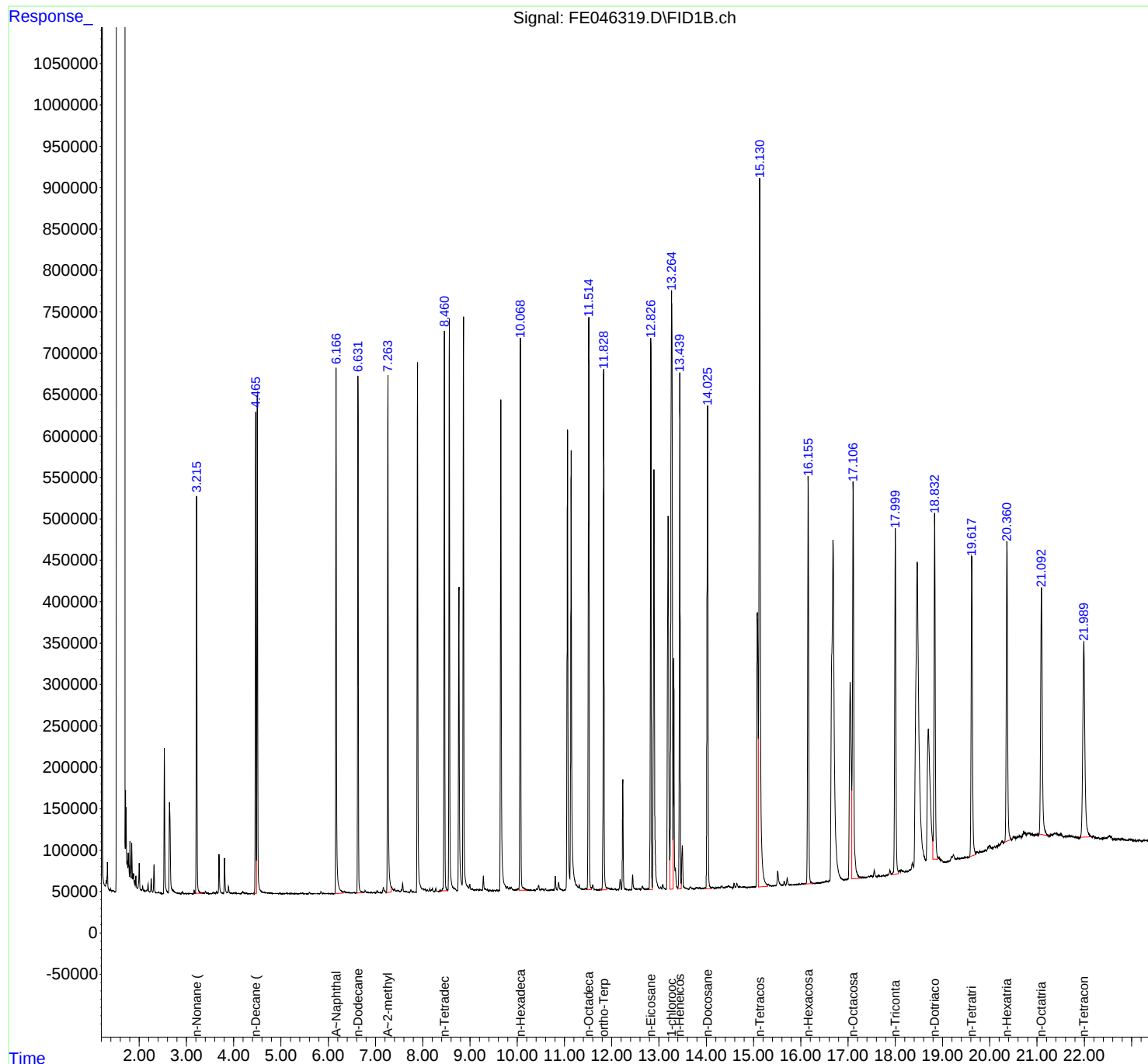
Response via : Initial Calibration

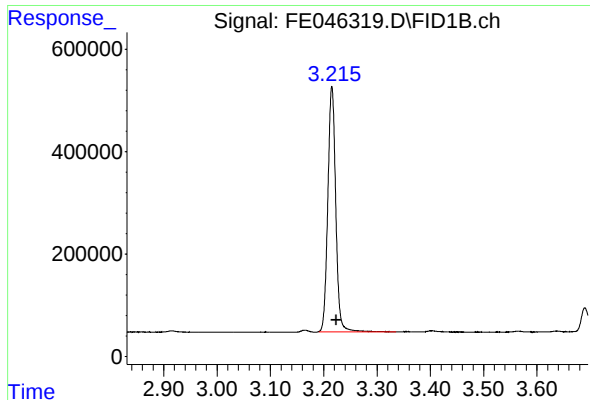
Integrator: ChemStation

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Signal Phase : Rxi-1ms

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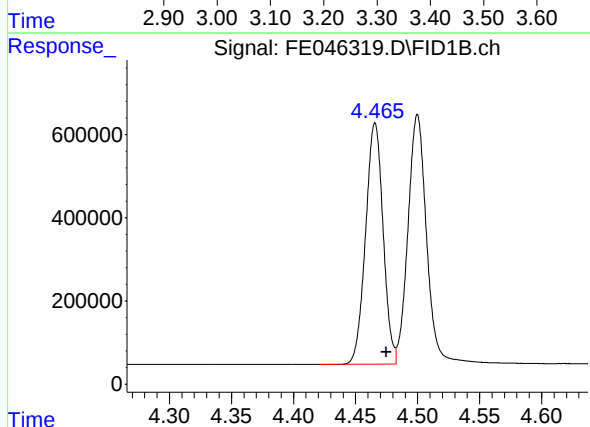
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 4946339
Conc: 32.32 ug/ml

Instrument :
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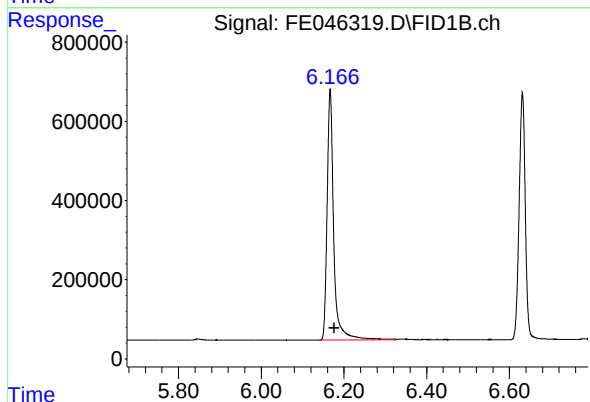
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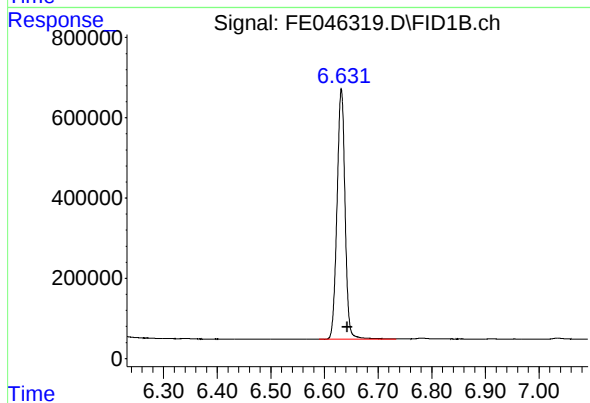
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.009 min
Response: 5695304
Conc: 36.70 ug/ml



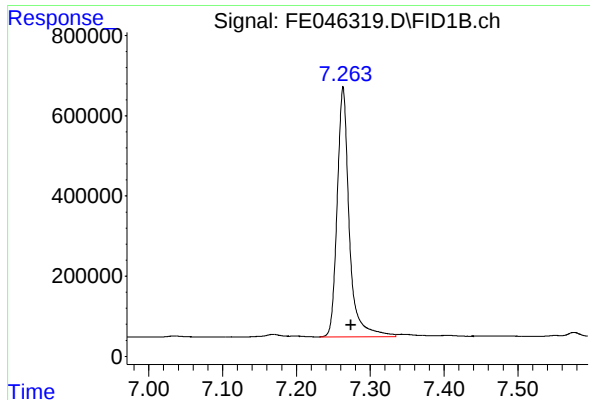
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 7022541
Conc: 42.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 6494831
Conc: 41.60 ug/ml



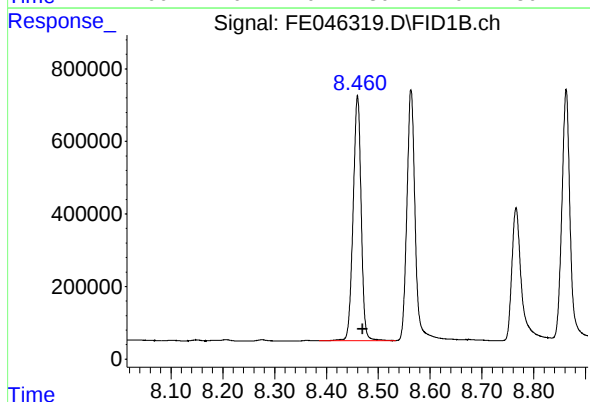
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 7097354
Conc: 44.58 ug/ml

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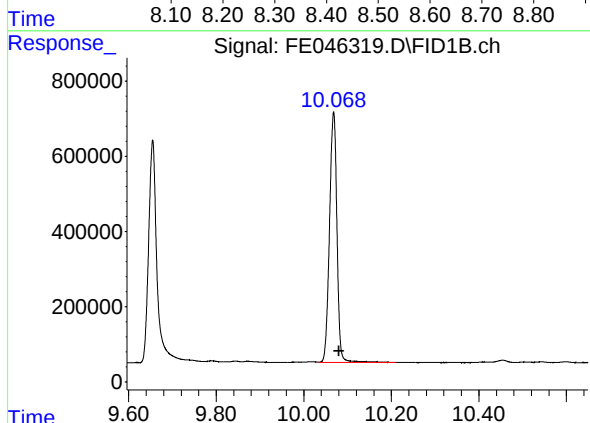
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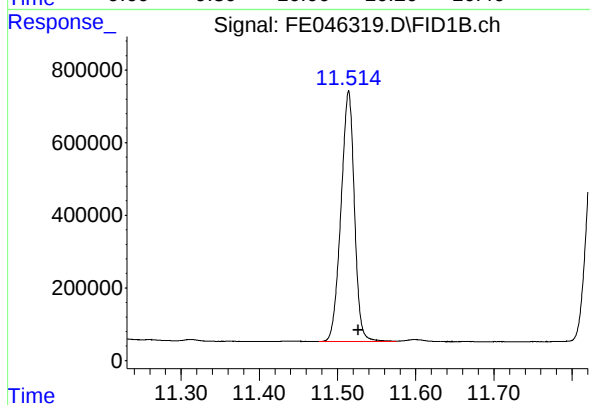
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 7274447
Conc: 46.70 ug/ml



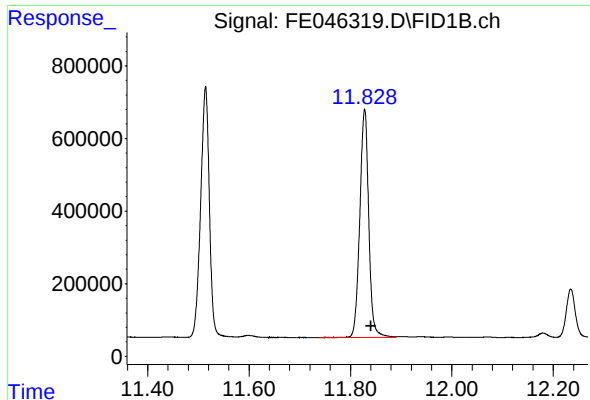
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 7889495
Conc: 49.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 8250010
Conc: 52.42 ug/ml



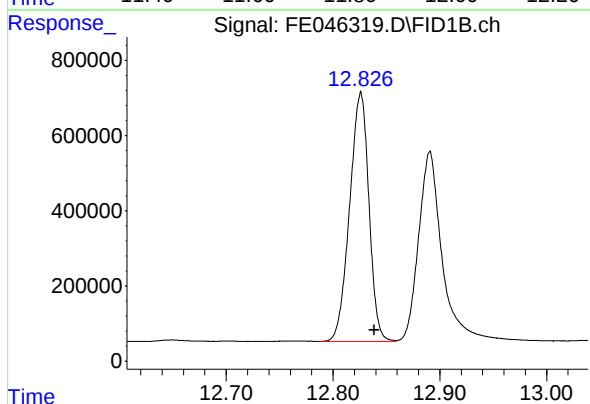
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 7715400
Conc: 42.46 ug/ml

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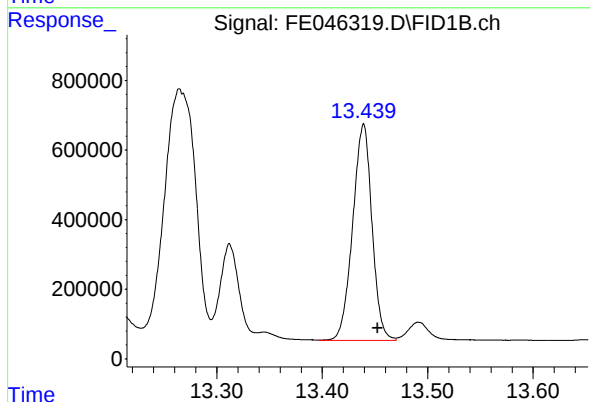
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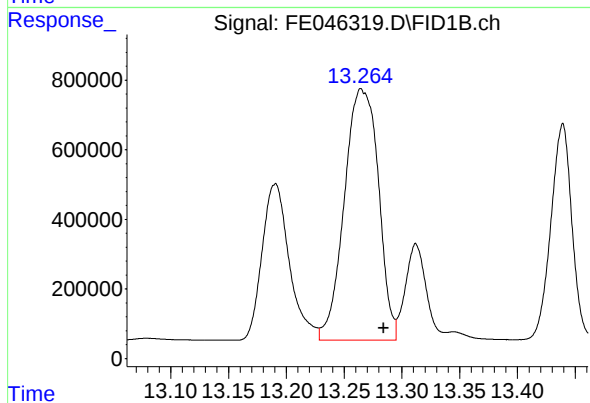
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 8322261
Conc: 55.01 ug/ml



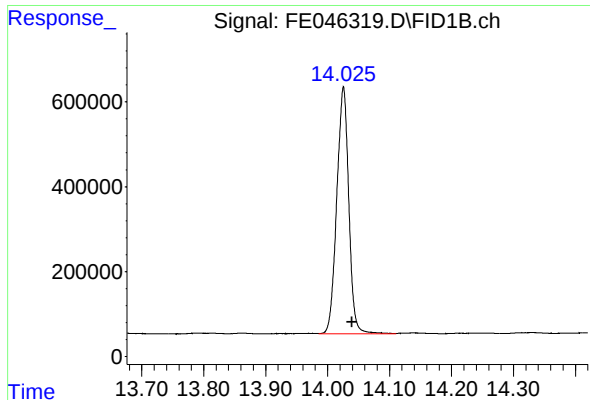
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 7902469
Conc: 53.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.020 min
Response: 14824876
Conc: 110.96 ug/ml



#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 7845235
Conc: 53.67 ug/ml

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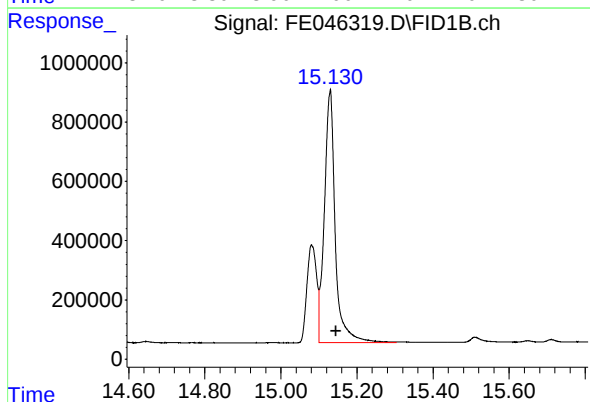
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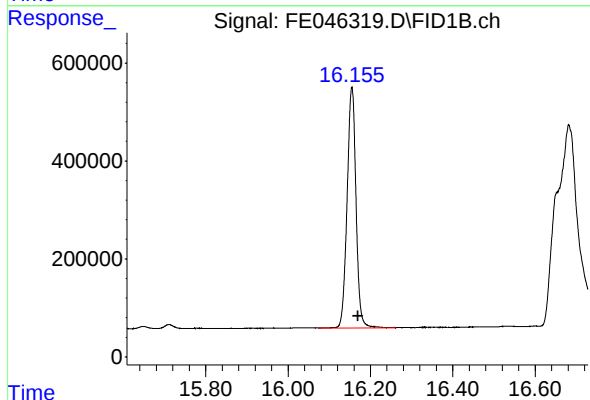
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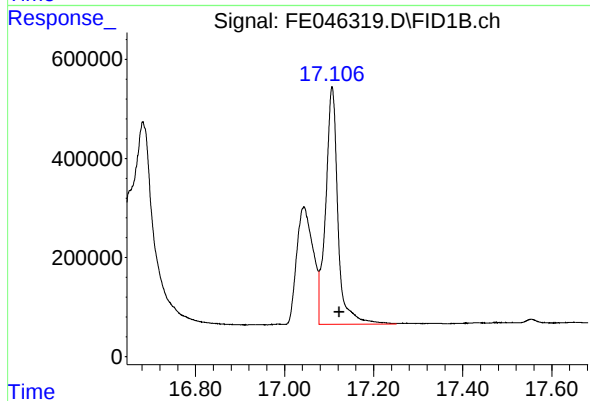
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 16906109
Conc: 116.57 ug/ml



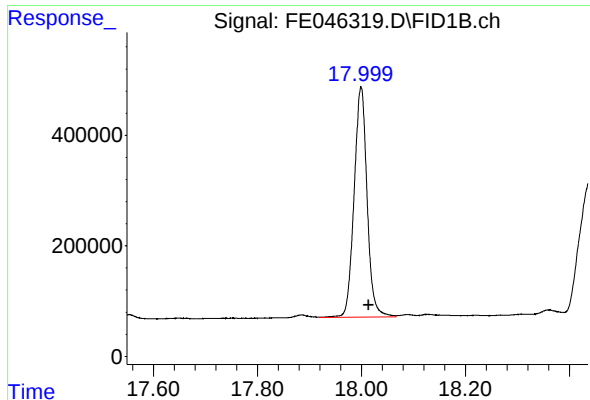
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 7362360
Conc: 51.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.016 min
Response: 9125397
Conc: 63.63 ug/ml m



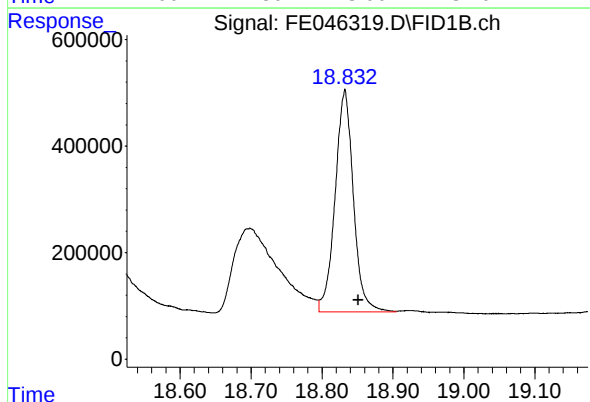
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 7232472
Conc: 48.66 ug/ml

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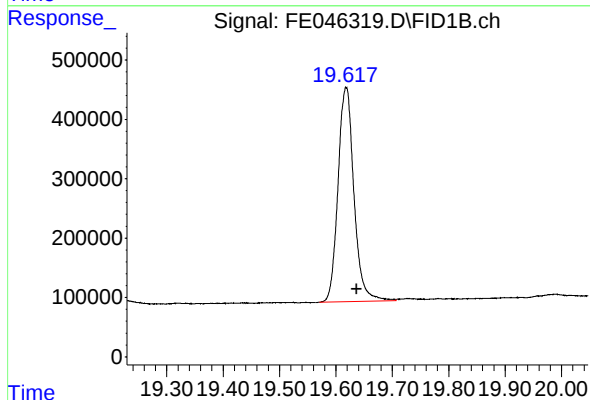
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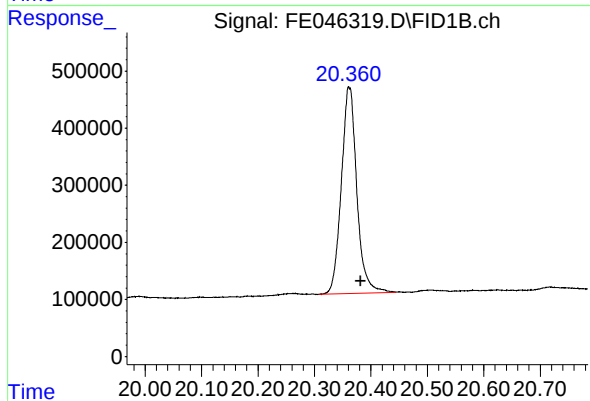
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 7444624
Conc: 49.78 ug/ml m



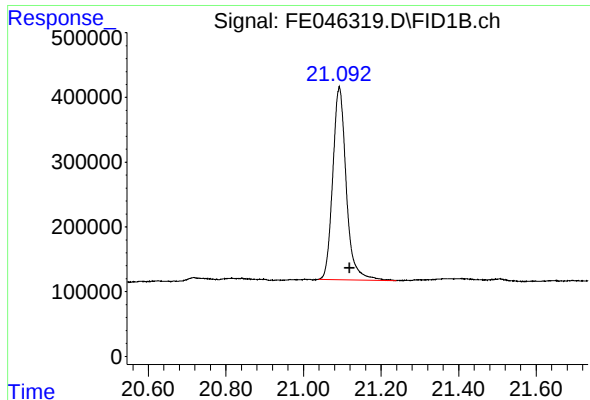
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.018 min
Response: 7085280
Conc: 49.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 6881257
Conc: 47.20 ug/ml m



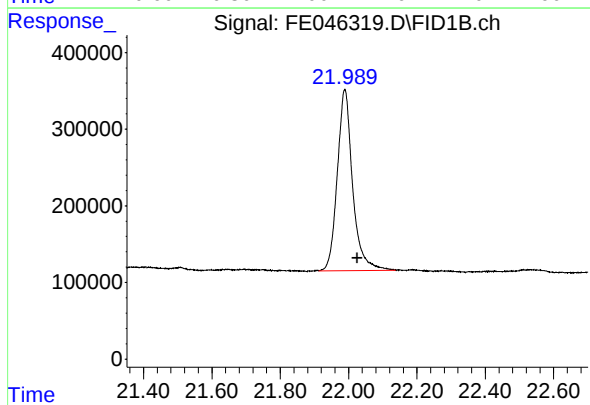
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.027 min
Response: 7171954
Conc: 48.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.036 min
Response: 7336271
Conc: 46.87 ug/ml