

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046489.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 14:16
 Operator : YP\AJ
 Sample : PB158729BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158729BSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/01/2024

Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e

Quant Time: Jan 31 21:35:45 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)	11.821	7264473	39.287 ug/ml
Spiked Amount 50.000		Recovery =	78.57%
12) S 1-chlorooctadecane (S...	13.262	6020647	42.317 ug/ml
Spiked Amount 50.000		Recovery =	84.63%
Target Compounds			
1) T n-Nonane (C9)	3.225	7069774	43.768 ug/ml
2) T n-Decane (C10)	4.468	7549214	46.064 ug/ml
3) T A~Naphthalene (C11.7)	6.166	9105551	53.249 ug/ml
4) T n-Dodecane (C12)	6.629	8222064	49.707 ug/ml
5) T A~2-methylnaphthalene...	7.261	8875650	55.650 ug/ml
6) T n-Tetradecane (C14)	8.455	8298382	50.632 ug/ml
7) T n-Hexadecane (C16)	10.062	8242201	48.234 ug/ml
8) T n-Octadecane (C18)	11.506	8318432	47.714 ug/ml
10) T n-Eicosane (C20)	12.818	8384754	49.384 ug/ml
11) T n-Heneicosane (C21)	13.430	8058866	48.317 ug/ml
13) T n-Docosane (C22)	14.017	7961354	48.056 ug/ml
14) T n-Tetracosane (C24)	15.120	18450363	111.818 ug/ml
15) T n-Hexacosane (C26)	16.143	7727030	47.875 ug/ml
16) T n-Octacosane (C28)	17.094	9569155	60.957 ug/mlm
17) T n-Tricontane (C30)	17.987	7569642	48.328 ug/ml
18) T n-Dotriacontane (C32)	18.817	8083390	53.476 ug/mlm
19) T n-Tetratriacontane (C34)	19.603	6713502	47.333 ug/ml
20) T n-Hexatriacontane (C36)	20.346	5987956	43.441 ug/ml
21) T n-Octatriacontane (C38)	21.072	5696593	44.437 ug/ml
22) T n-Tetracontane (C40)	21.962	5367079	42.924 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158729BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

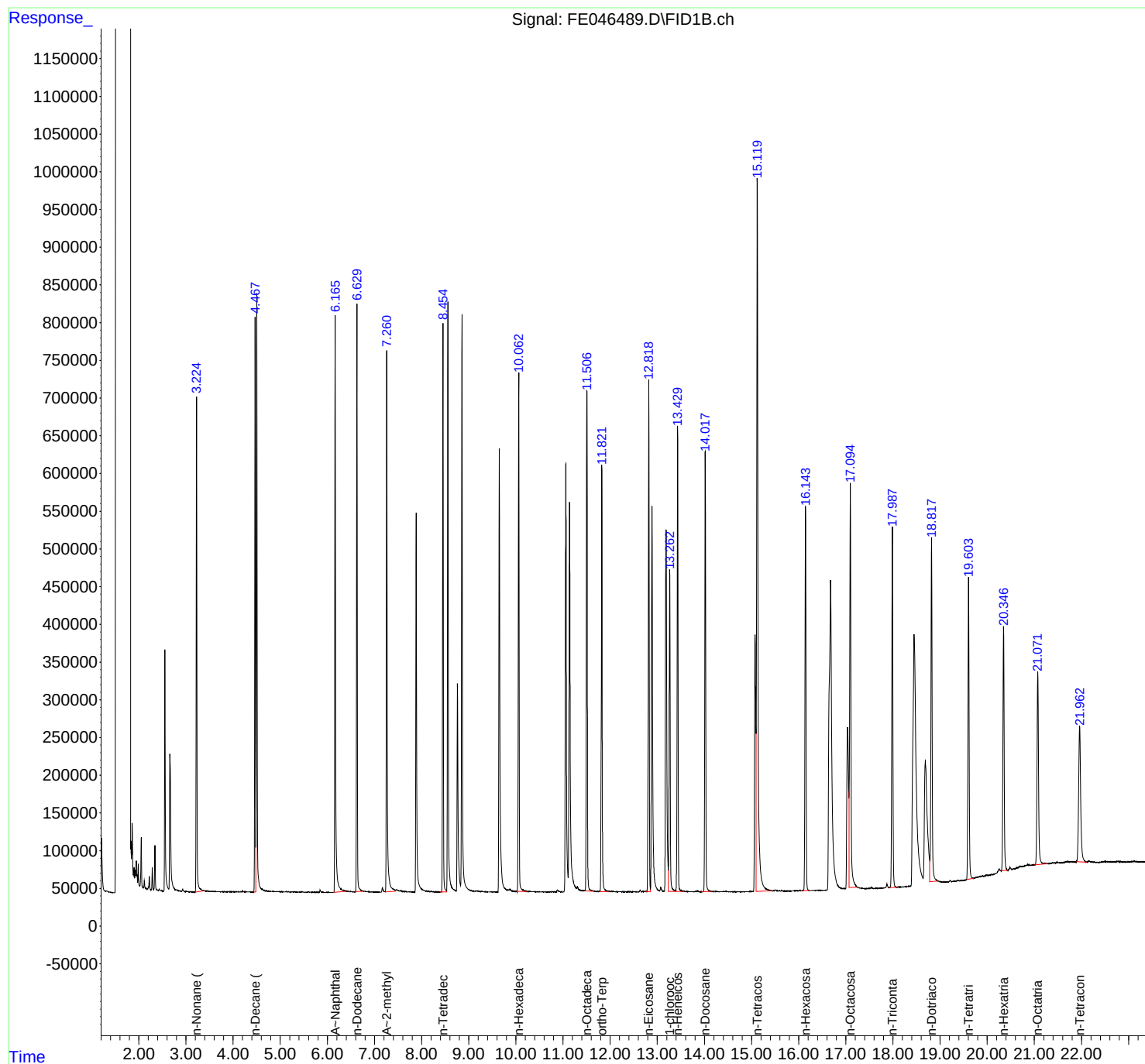
Instrument :
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ClientSampleId :
PB158729BSD

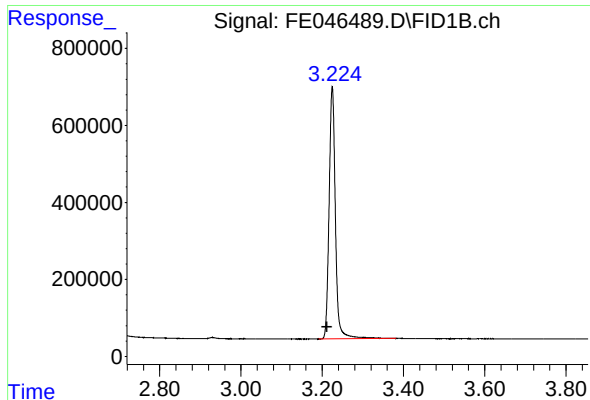
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





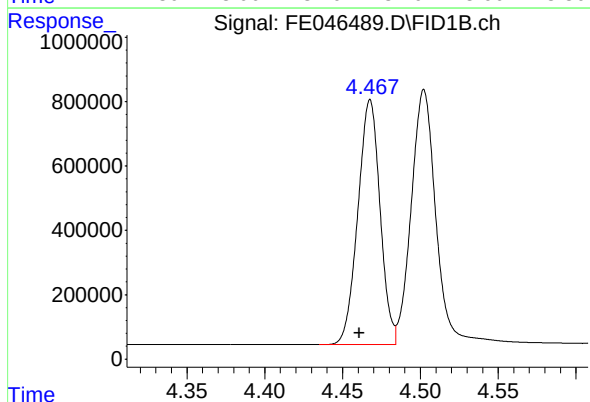
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: 0.013 min
Response: 7069774
Conc: 43.77 ug/ml

Instrument :
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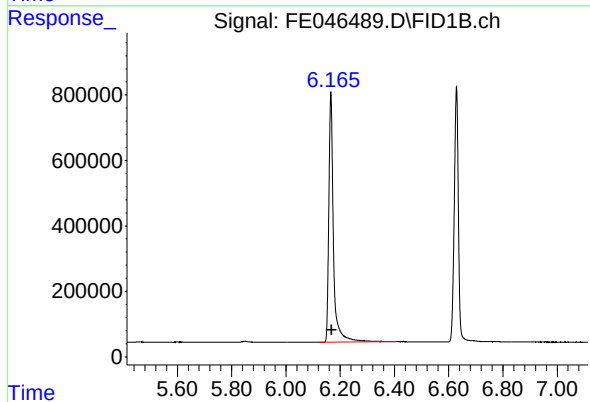
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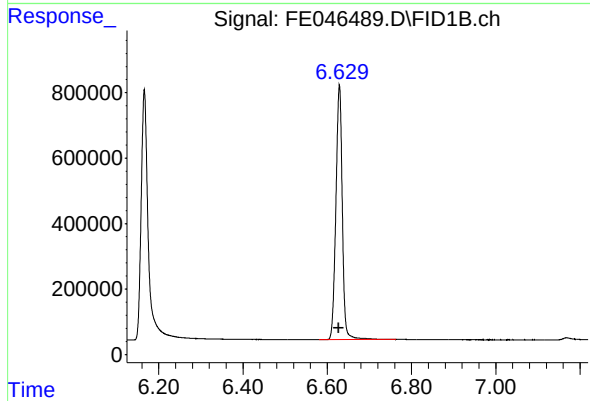
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.007 min
Response: 7549214
Conc: 46.06 ug/ml



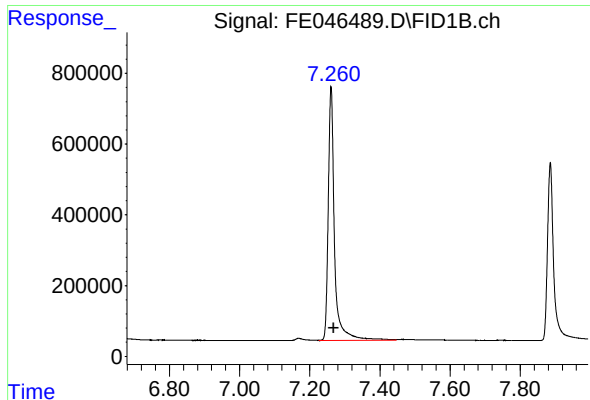
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 9105551
Conc: 53.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 8222064
Conc: 49.71 ug/ml



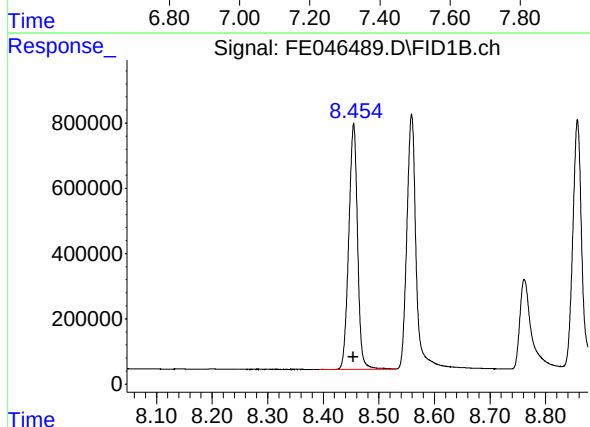
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.007 min
Response: 8875650
Conc: 55.65 ug/ml

Instrument :
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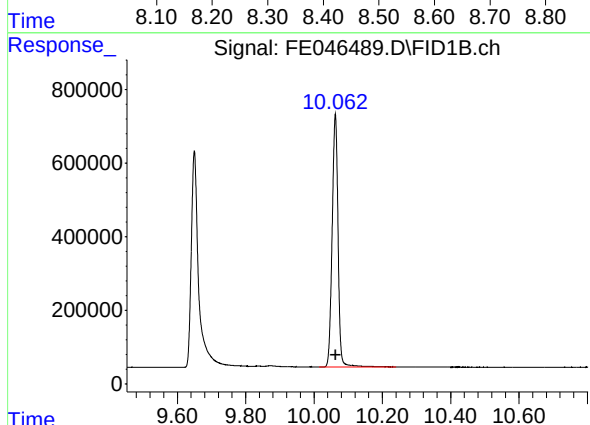
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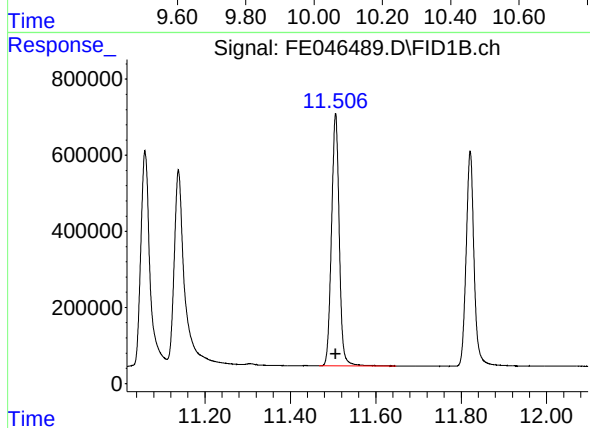
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 8298382
Conc: 50.63 ug/ml



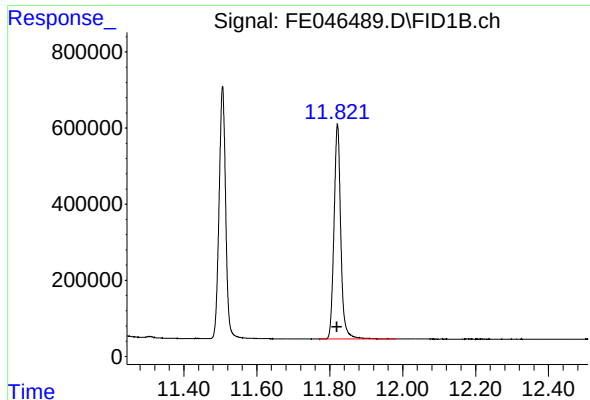
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 8242201
Conc: 48.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 8318432
Conc: 47.71 ug/ml



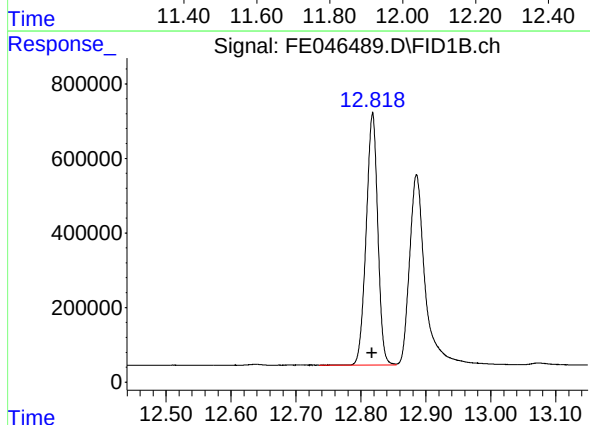
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 7264473
Conc: 39.29 ug/ml

Instrument :
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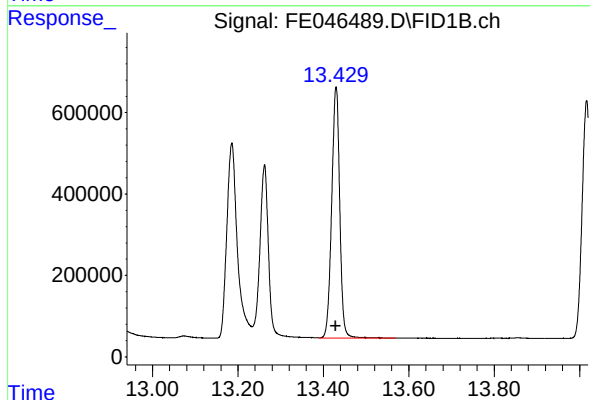
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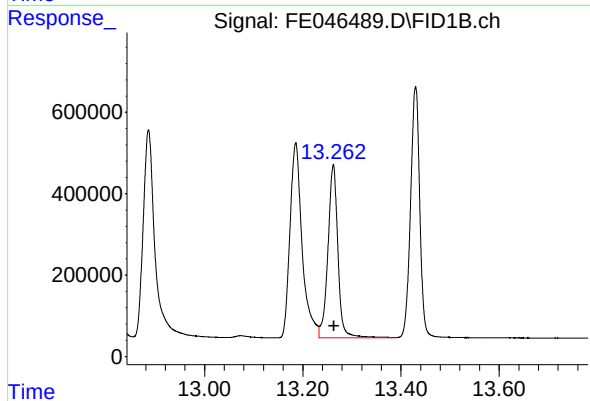
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: 0.001 min
Response: 8384754
Conc: 49.38 ug/ml



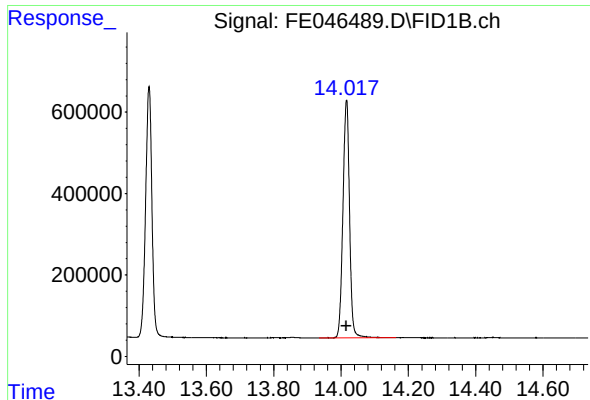
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 8058866
Conc: 48.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: -0.001 min
Response: 6020647
Conc: 42.32 ug/ml



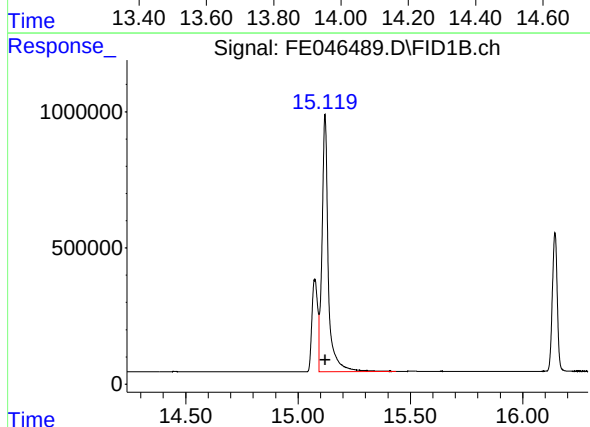
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: 0.000 min
Response: 7961354
Conc: 48.06 ug/ml

Instrument :
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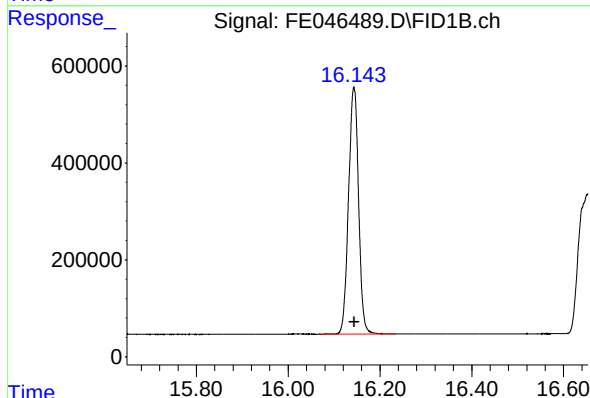
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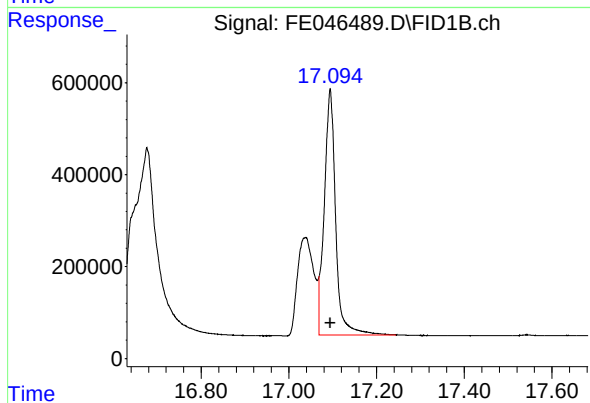
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.001 min
Response: 18450363
Conc: 111.82 ug/ml



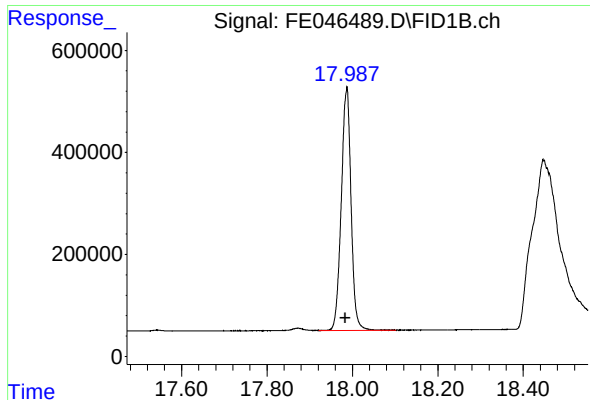
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 7727030
Conc: 47.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 9569155
Conc: 60.96 ug/ml m



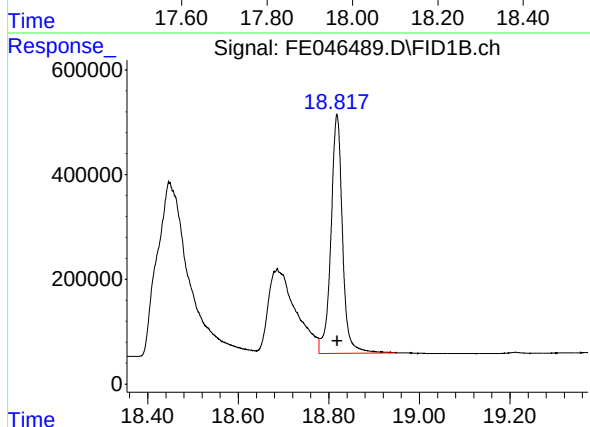
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: 0.003 min
Response: 7569642
Conc: 48.33 ug/ml

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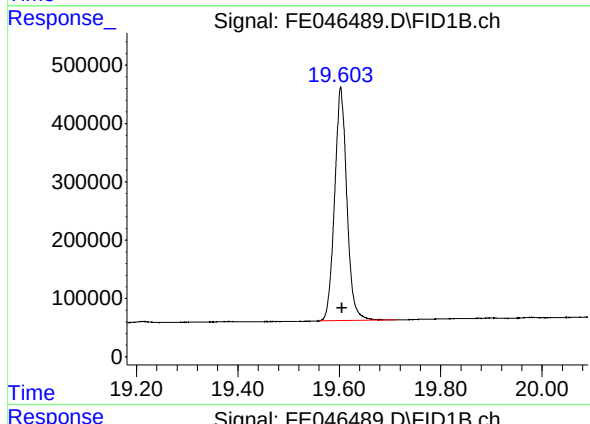
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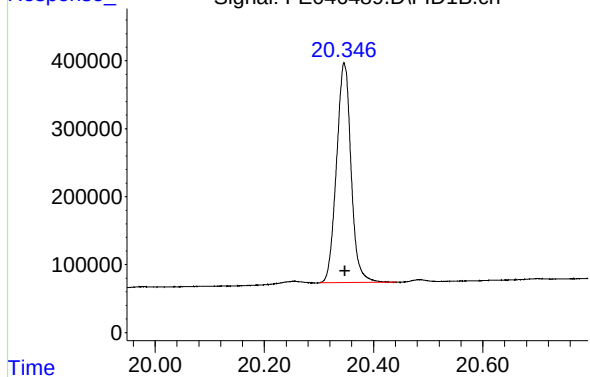
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: -0.001 min
Response: 8083390
Conc: 53.48 ug/ml m



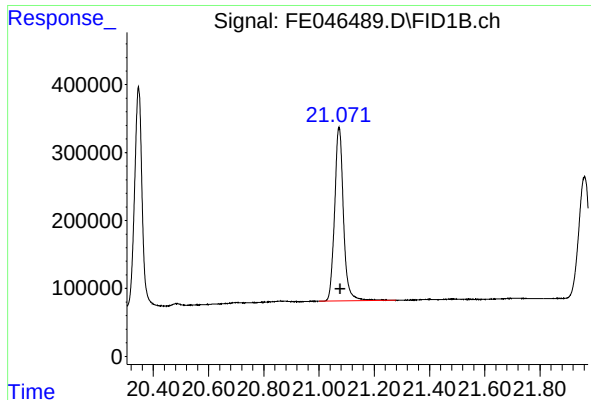
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min
Delta R.T.: -0.003 min
Response: 6713502
Conc: 47.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.001 min
Response: 5987956
Conc: 43.44 ug/ml



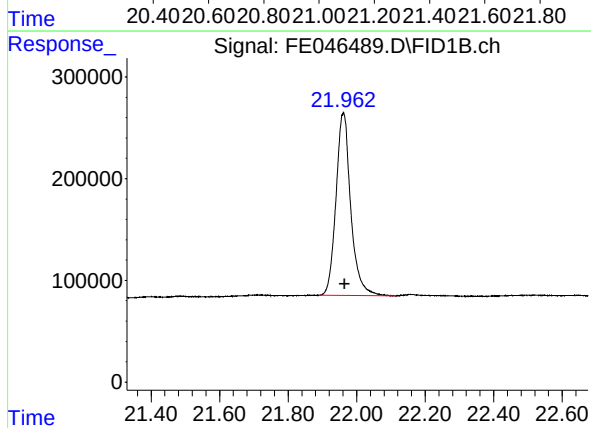
#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.004 min
Response: 5696593
Conc: 44.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.003 min
Response: 5367079
Conc: 42.92 ug/ml