

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046531.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 13:52
 Operator : YP\AJ
 Sample : PB158755BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158755BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/06/2024
 Supervised By :Sohil Jodhani 02/06/2024

Integration File: sample.E
 Quant Time: Feb 05 02:29:04 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)	11.823	7344080	39.717 ug/ml
Spiked Amount 50.000		Recovery =	79.43%
12) S 1-chlorooctadecane (S...	13.264	6062727	42.613 ug/ml
Spiked Amount 50.000		Recovery =	85.23%
Target Compounds			
1) T n-Nonane (C9)	3.225	7093029	43.912 ug/ml
2) T n-Decane (C10)	4.468	7604586	46.402 ug/ml
3) T A~Naphthalene (C11.7)	6.167	9158668	53.560 ug/ml
4) T n-Dodecane (C12)	6.630	8285549	50.091 ug/ml
5) T A~2-methylnaphthalene...	7.262	8927517	55.975 ug/ml
6) T n-Tetradecane (C14)	8.456	8403780	51.275 ug/ml
7) T n-Hexadecane (C16)	10.063	8311236	48.638 ug/ml
8) T n-Octadecane (C18)	11.508	8455725	48.502 ug/ml
10) T n-Eicosane (C20)	12.820	8506119	50.099 ug/ml
11) T n-Heneicosane (C21)	13.432	8147013	48.846 ug/ml
13) T n-Docosane (C22)	14.018	8054417	48.618 ug/ml
14) T n-Tetracosane (C24)	15.123	18687093	113.253 ug/ml
15) T n-Hexacosane (C26)	16.147	7804300	48.353 ug/ml
16) T n-Octacosane (C28)	17.097	10107699	64.388 ug/mlm
17) T n-Tricontane (C30)	17.989	7633426	48.735 ug/ml
18) T n-Dotriacontane (C32)	18.823	8087273	53.502 ug/mlm
19) T n-Tetratriacontane (C34)	19.609	6822118	48.099 ug/ml
20) T n-Hexatriacontane (C36)	20.350	6182027	44.849 ug/ml
21) T n-Octatriacontane (C38)	21.076	6026801	47.013 ug/ml
22) T n-Tetracontane (C40)	21.970	5725049	45.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB158755BSD
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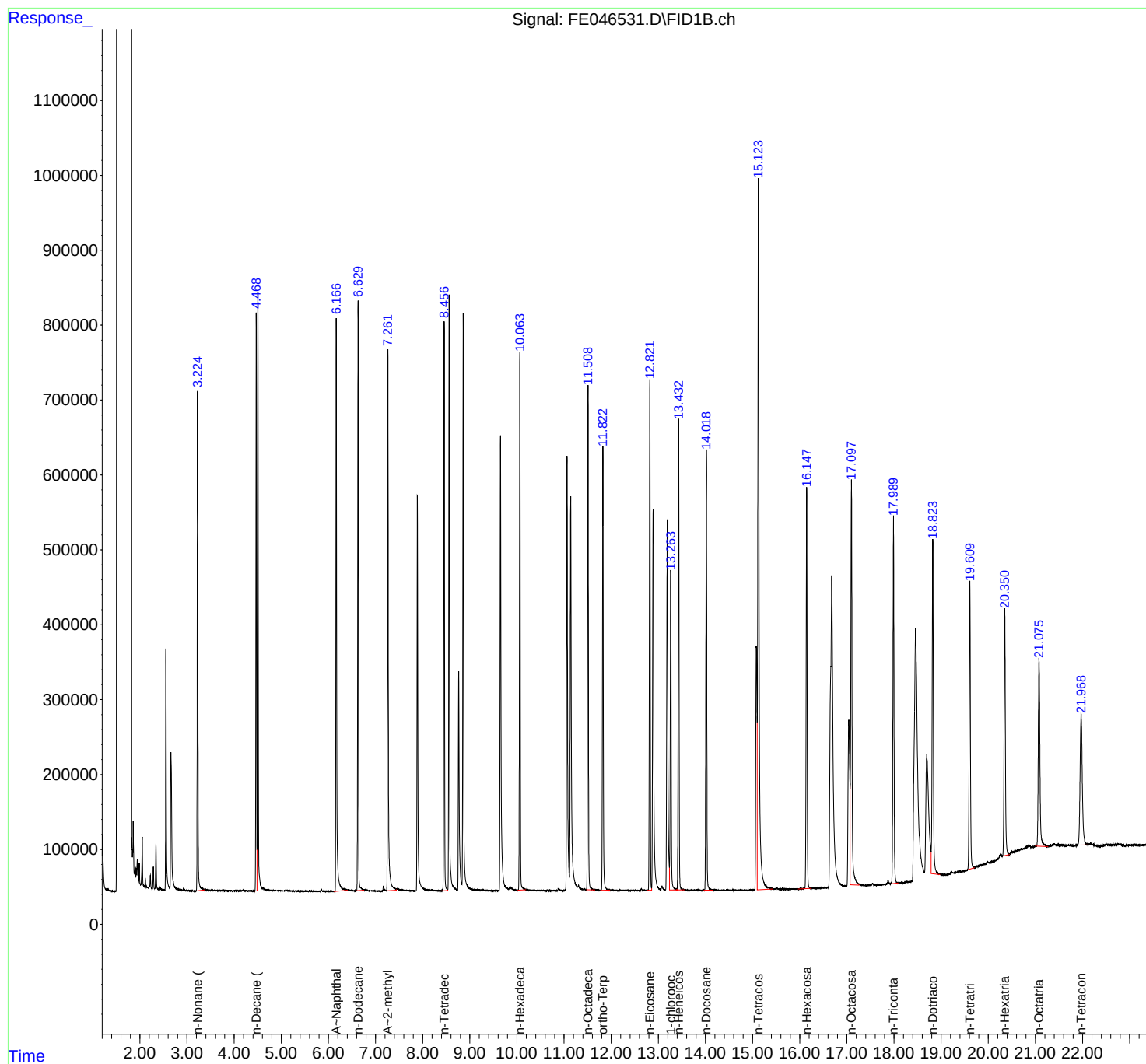
Instrument :
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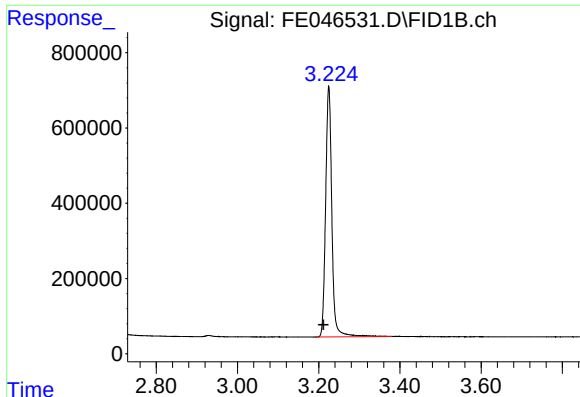
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#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: 0.013 min
Response: 7093029
Conc: 43.91 ug/ml

Instrument :

FID_E

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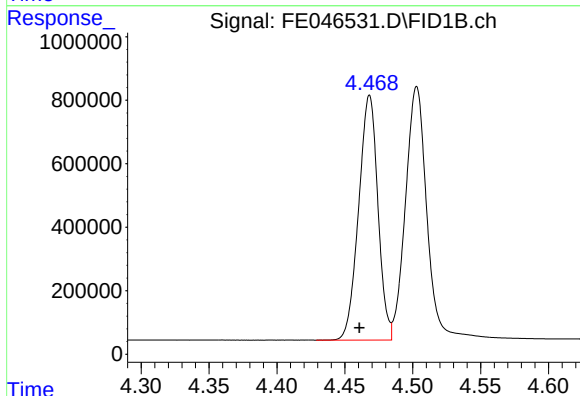
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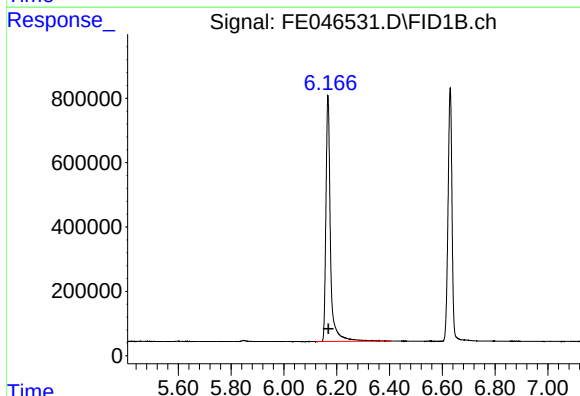
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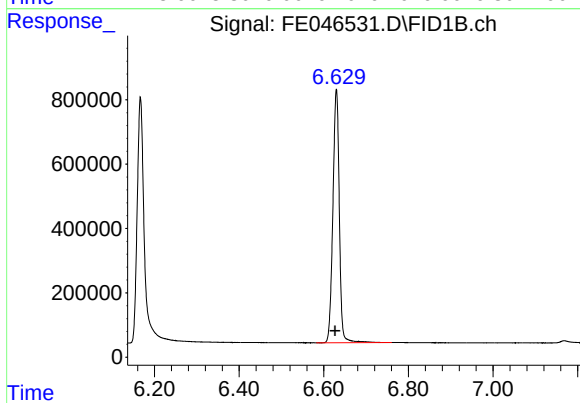
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.007 min
Response: 7604586
Conc: 46.40 ug/ml



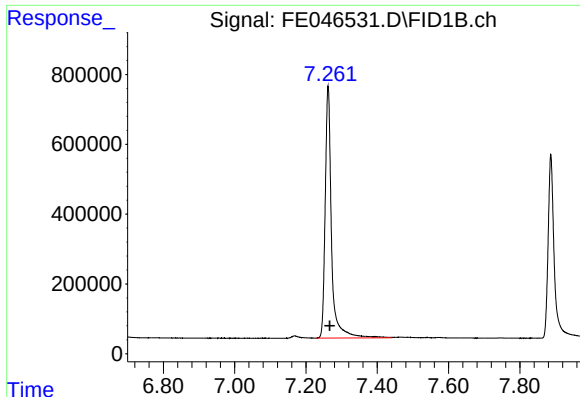
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 9158668
Conc: 53.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 8285549
Conc: 50.09 ug/ml



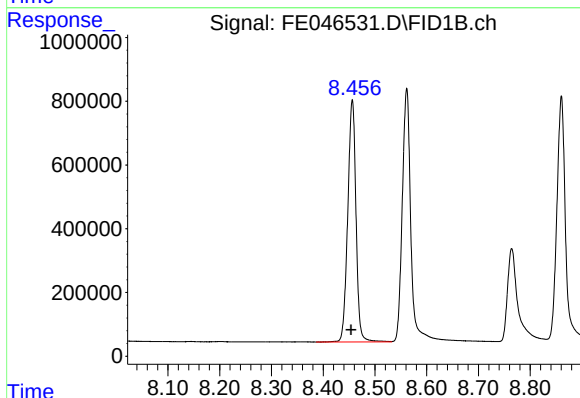
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 8927517
Conc: 55.98 ug/ml

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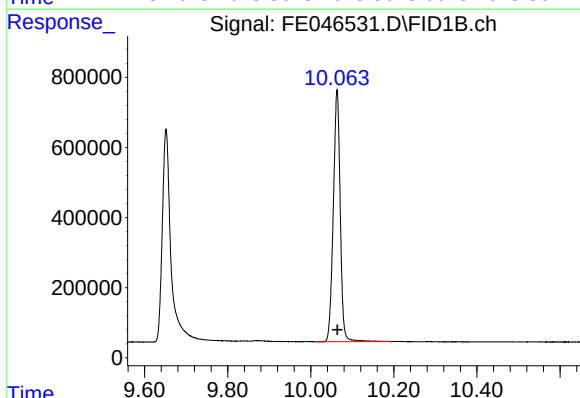
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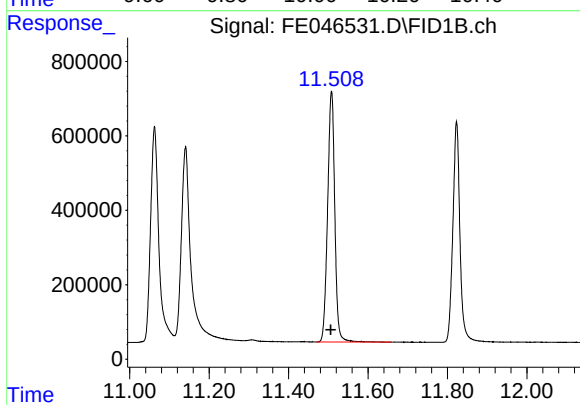
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 8403780
Conc: 51.28 ug/ml



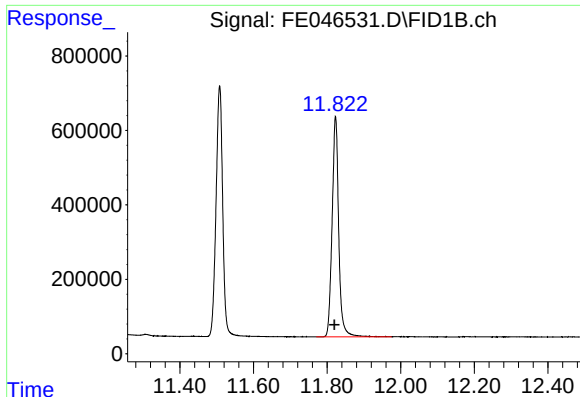
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 8311236
Conc: 48.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: 0.002 min
Response: 8455725
Conc: 48.50 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: 0.003 min
Response: 7344080
Conc: 39.72 ug/ml

Instrument :

FID_E

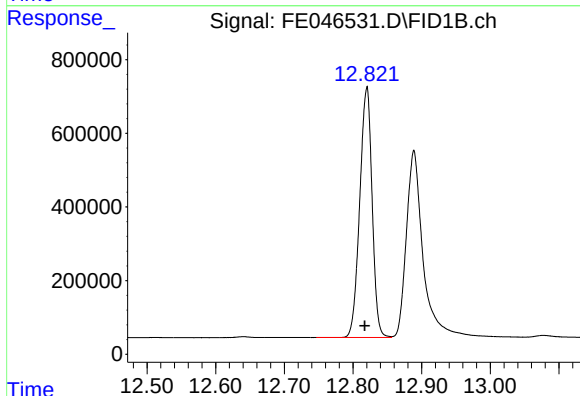
ClientSampleId :

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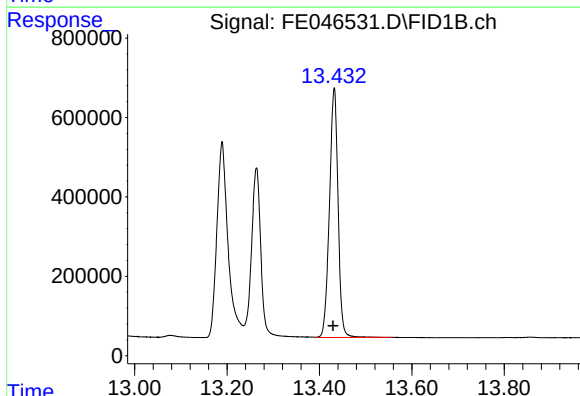
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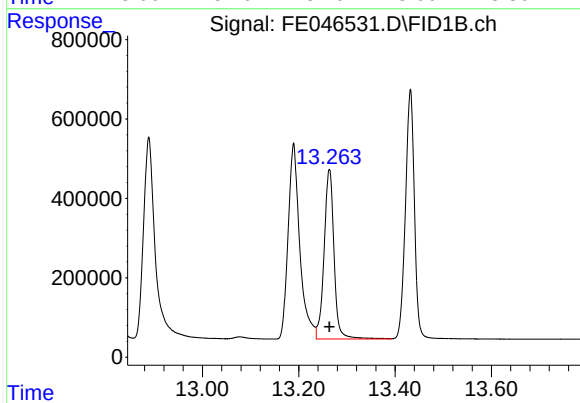
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 8506119
Conc: 50.10 ug/ml



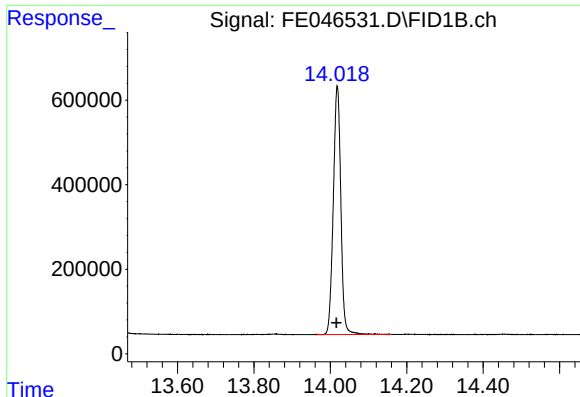
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: 0.003 min
Response: 8147013
Conc: 48.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 6062727
Conc: 42.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: 0.002 min
Response: 8054417
Conc: 48.62 ug/ml

Instrument :

FID_E

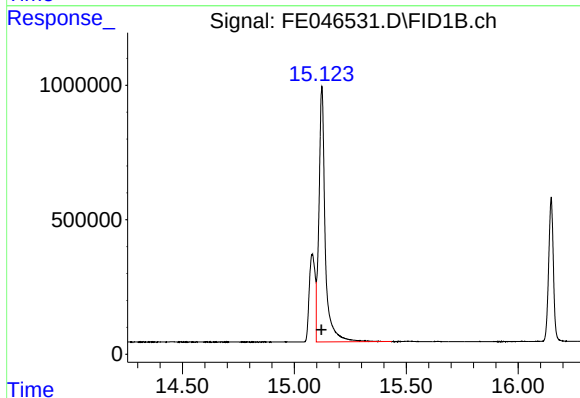
ClientSampleId :

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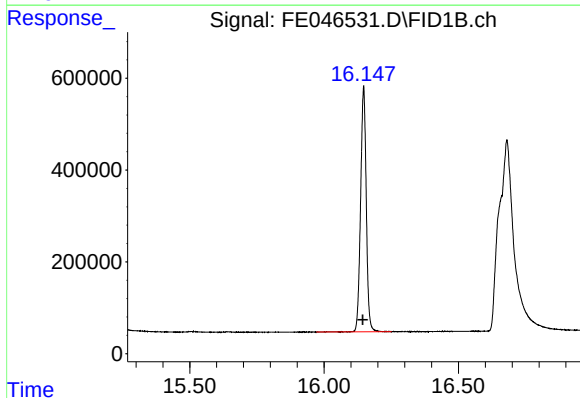
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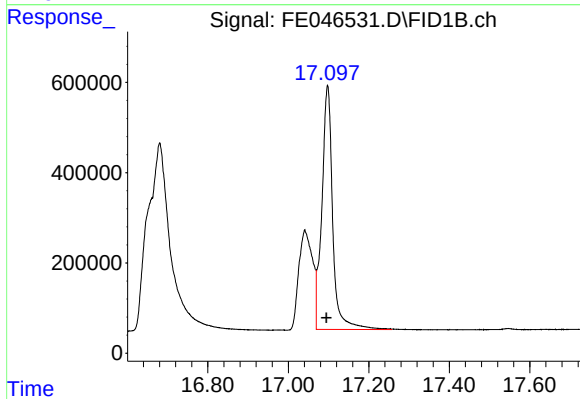
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: 0.002 min
Response: 18687093
Conc: 113.25 ug/ml



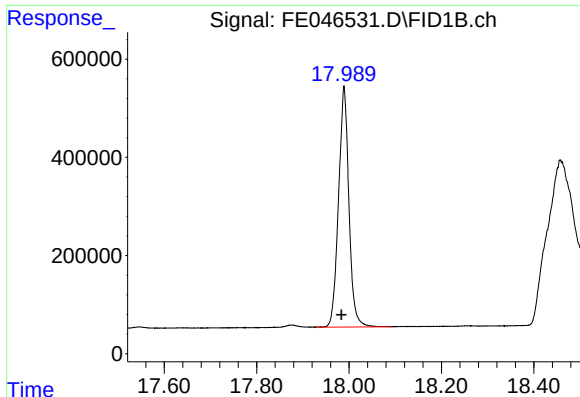
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: 0.003 min
Response: 7804300
Conc: 48.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: 0.002 min
Response: 10107699
Conc: 64.39 ug/ml m



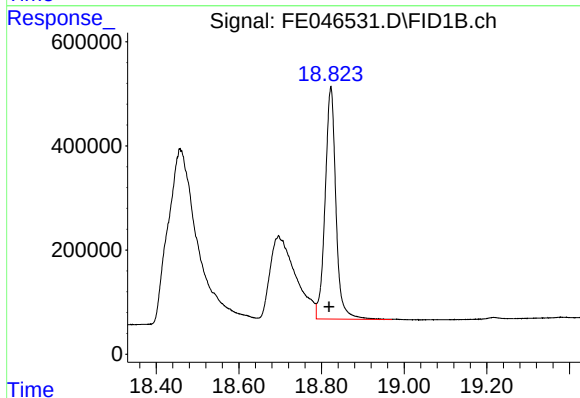
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.006 min
Response: 7633426
Conc: 48.73 ug/ml

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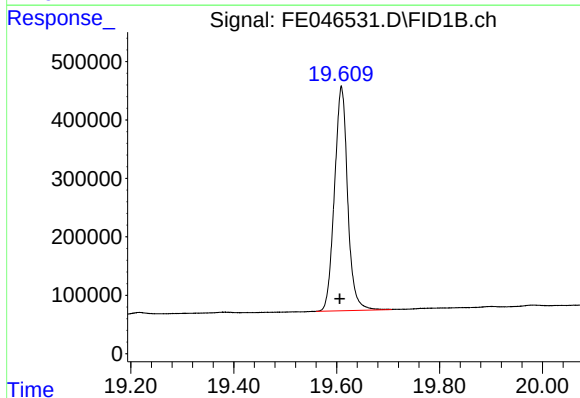
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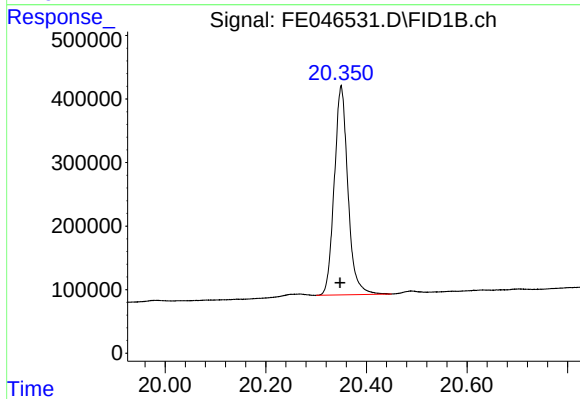
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: 0.004 min
Response: 8087273
Conc: 53.50 ug/ml m



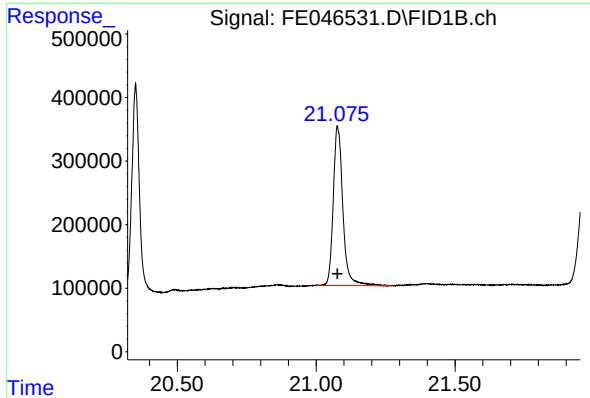
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: 0.003 min
Response: 6822118
Conc: 48.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: 0.002 min
Response: 6182027
Conc: 44.85 ug/ml



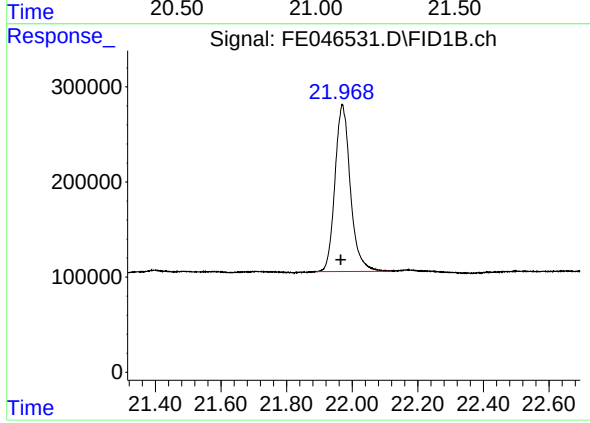
#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 6026801
Conc: 47.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.005 min
Response: 5725049
Conc: 45.79 ug/ml