

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046189.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 14:39
 Operator : YP\AJ
 Sample : PB158401BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158401BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
 Quant Time: Jan 13 04:36:13 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)	11.833	8260223	45.454 ug/ml
Spiked Amount 50.000		Recovery =	90.91%
12) S 1-chlorooctadecane (S...	13.274	6549934	49.023 ug/ml
Spiked Amount 50.000		Recovery =	98.05%
Target Compounds			
1) T n-Nonane (C9)	3.233	6790141	44.367 ug/ml
2) T n-Decane (C10)	4.476	7110605	45.817 ug/ml
3) T A~Naphthalene (C11.7)	6.173	8339372	50.145 ug/ml
4) T n-Dodecane (C12)	6.637	7561126	48.426 ug/ml
5) T A~2-methylnaphthalene...	7.268	8132745	51.081 ug/ml
6) T n-Tetradecane (C14)	8.464	7645139	49.079 ug/ml
7) T n-Hexadecane (C16)	10.072	7684134	48.524 ug/ml
8) T n-Octadecane (C18)	11.518	7764697	49.333 ug/ml
10) T n-Eicosane (C20)	12.830	7733853	51.123 ug/ml
11) T n-Heneicosane (C21)	13.443	7368519	50.109 ug/ml
13) T n-Docosane (C22)	14.029	7265556	49.706 ug/ml
14) T n-Tetracosane (C24)	15.133	15891023	109.568 ug/ml
15) T n-Hexacosane (C26)	16.160	6839475	47.706 ug/ml
16) T n-Octacosane (C28)	17.110	8428421	58.768 ug/mlm
17) T n-Tricontane (C30)	18.003	6699370	45.072 ug/ml
18) T n-Dotriacontane (C32)	18.836	7302045	48.823 ug/mlm
19) T n-Tetratriacontane (C34)	19.623	6710738	46.844 ug/ml
20) T n-Hexatriacontane (C36)	20.365	6838103	46.900 ug/mlm
21) T n-Octatriacontane (C38)	21.100	7204064	48.855 ug/ml
22) T n-Tetracontane (C40)	21.995	7523519	48.066 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

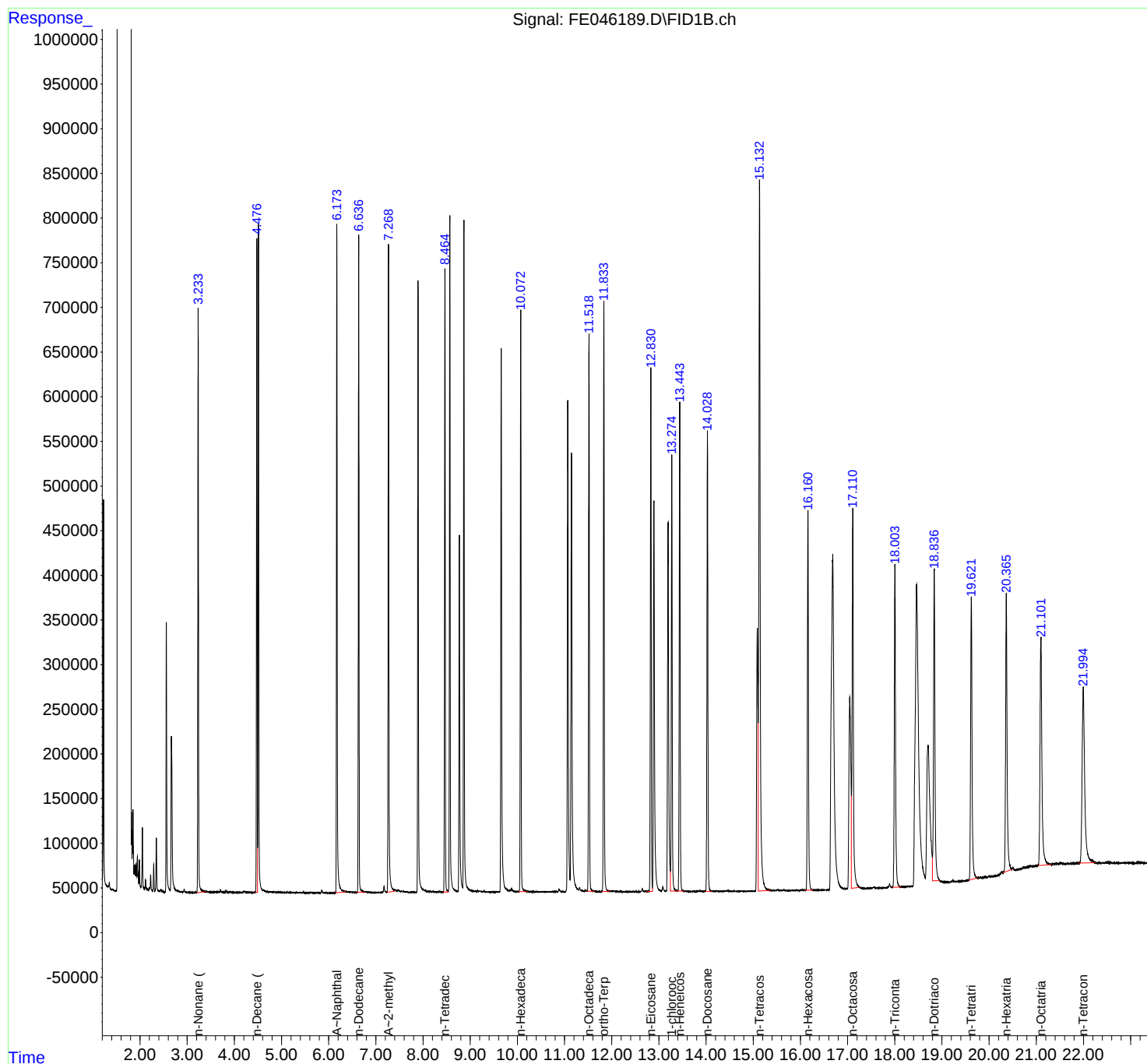
Instrument :
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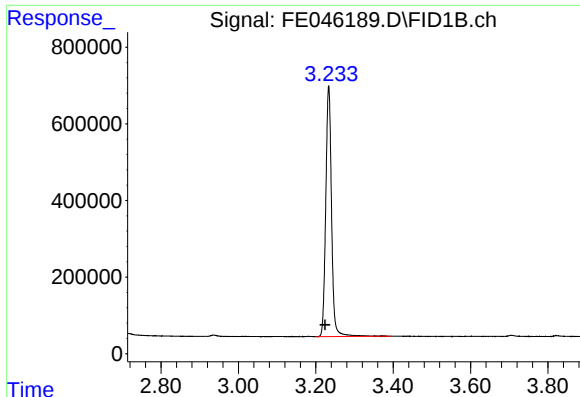
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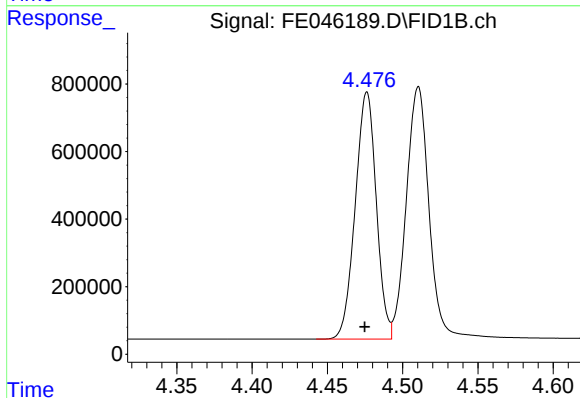
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: 0.009 min
Response: 6790141
Conc: 44.37 ug/ml

Instrument :
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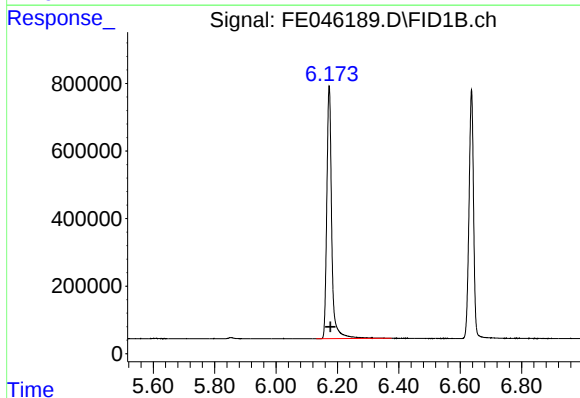
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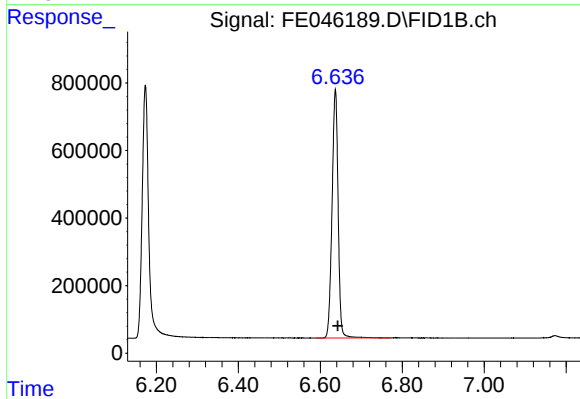
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.002 min
Response: 7110605
Conc: 45.82 ug/ml



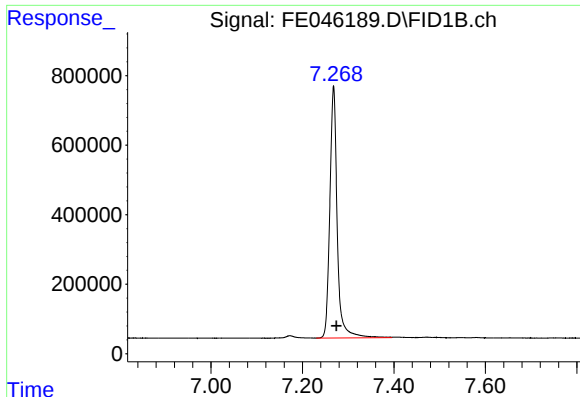
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 8339372
Conc: 50.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.637 min
Delta R.T.: -0.006 min
Response: 7561126
Conc: 48.43 ug/ml



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

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 8132745
Conc: 51.08 ug/ml

Instrument :

FID_E

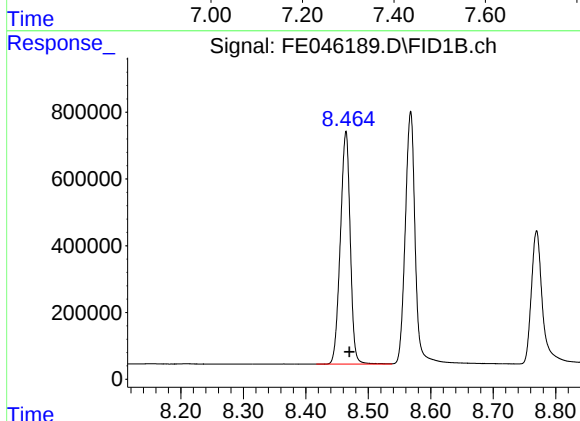
ClientSampleId :

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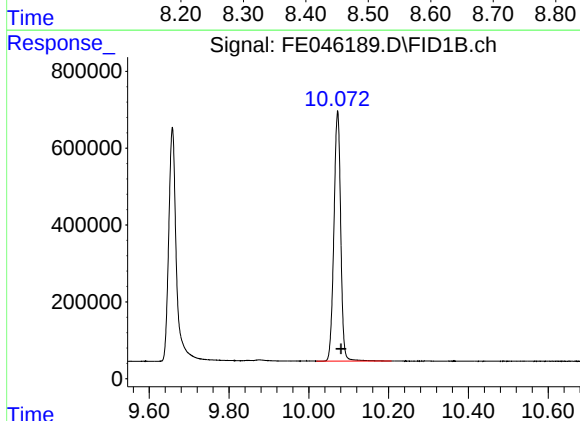
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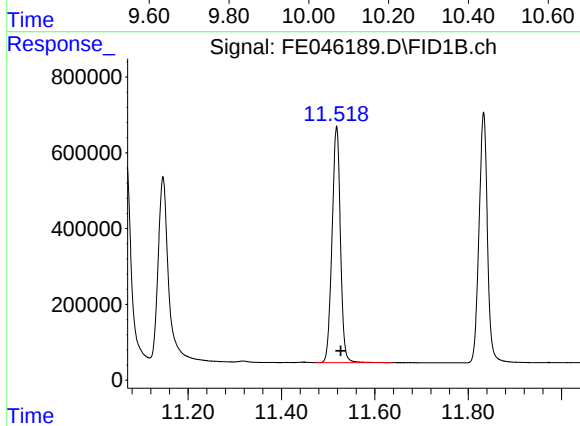
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 7645139
Conc: 49.08 ug/ml



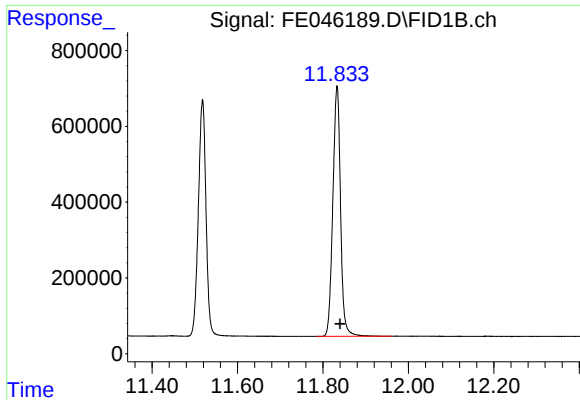
#7 n-Hexadecane (C16)

R.T.: 10.072 min
Delta R.T.: -0.008 min
Response: 7684134
Conc: 48.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 7764697
Conc: 49.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.007 min
Response: 8260223
Conc: 45.45 ug/ml

Instrument :

FID_E

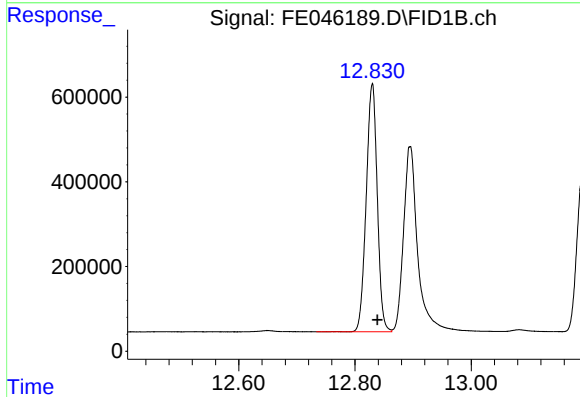
ClientSampleId :

PB158401BSD

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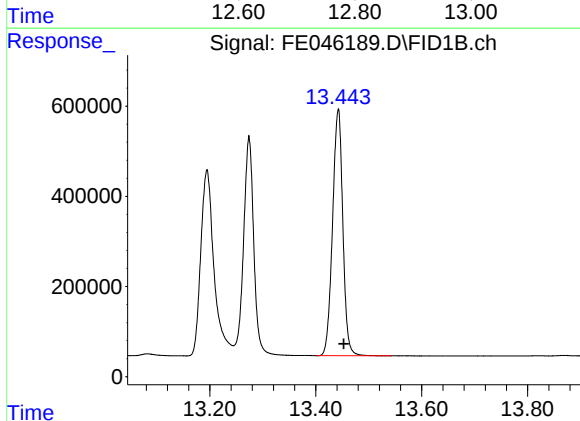
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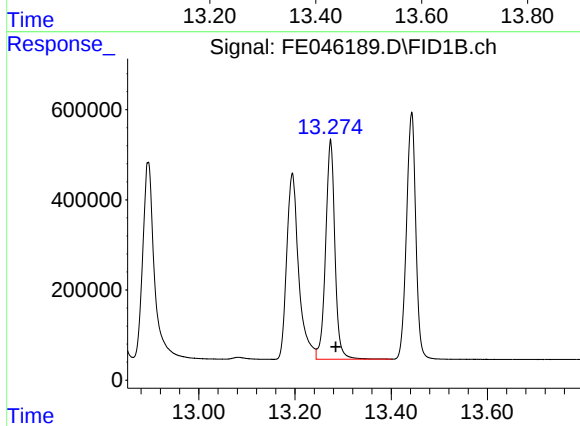
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.009 min
Response: 7733853
Conc: 51.12 ug/ml



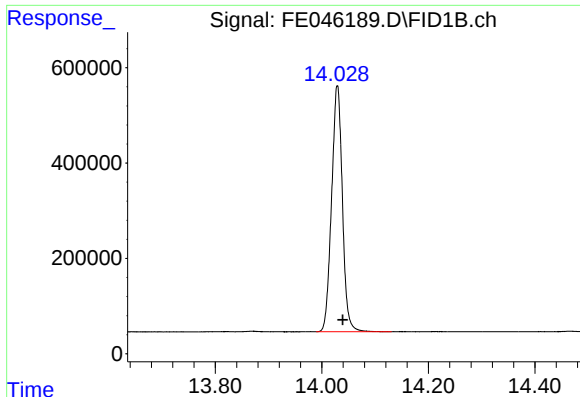
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.010 min
Response: 7368519
Conc: 50.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.010 min
Response: 6549934
Conc: 49.02 ug/ml



#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.010 min
Response: 7265556
Conc: 49.71 ug/ml

Instrument :

FID_E

ClientSampleId :

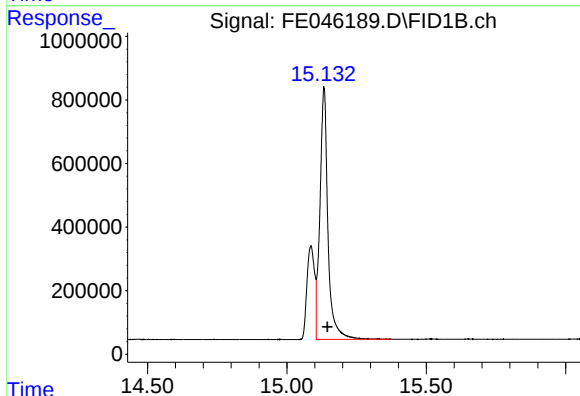
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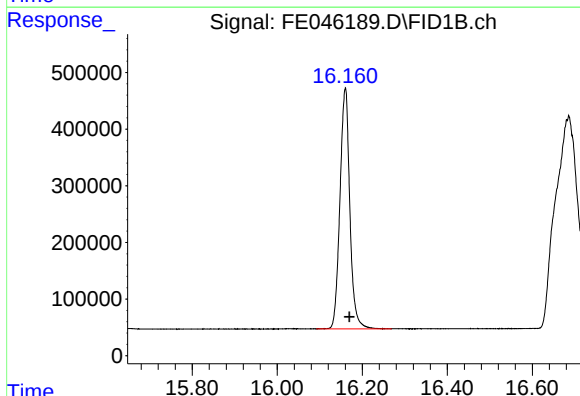
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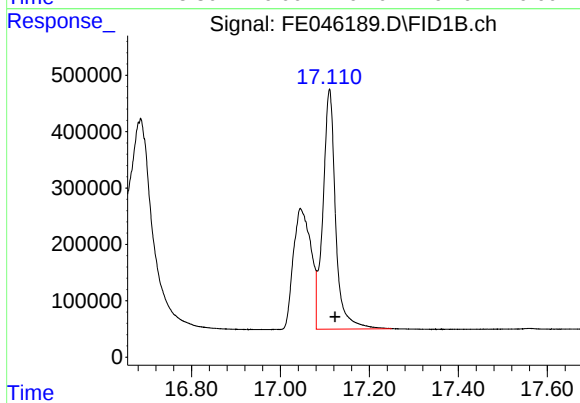
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.012 min
Response: 15891023
Conc: 109.57 ug/ml



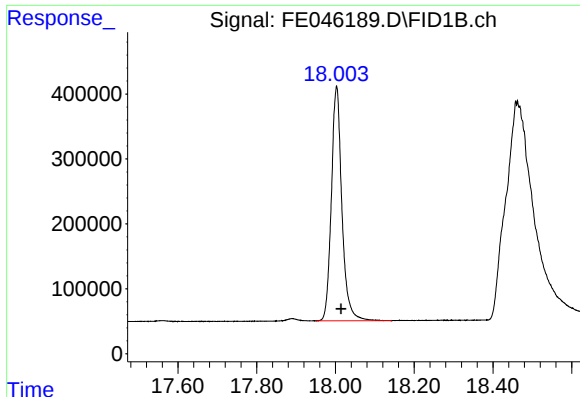
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 6839475
Conc: 47.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.013 min
Response: 8428421
Conc: 58.77 ug/ml m



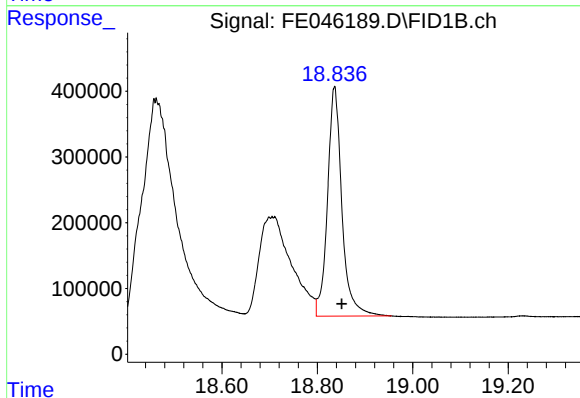
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.011 min
Response: 6699370
Conc: 45.07 ug/ml

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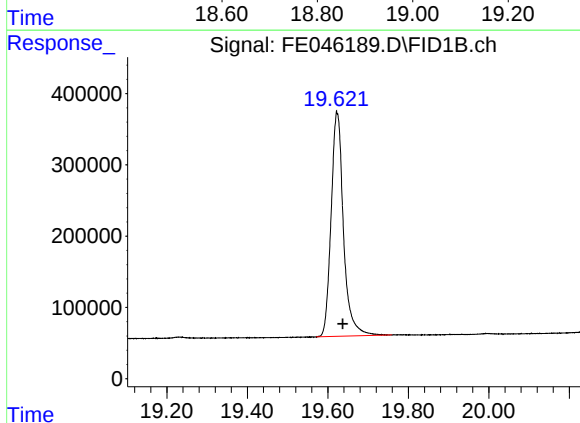
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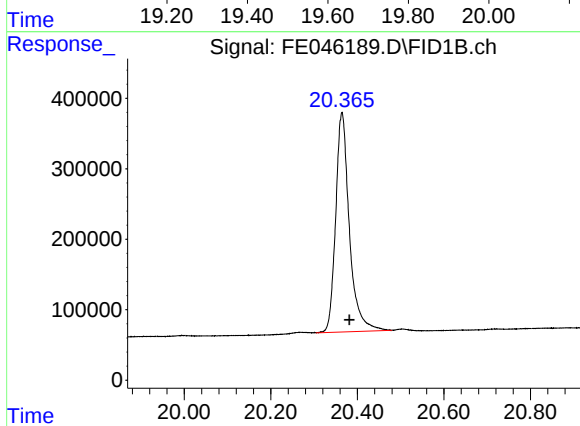
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 7302045
Conc: 48.82 ug/ml m



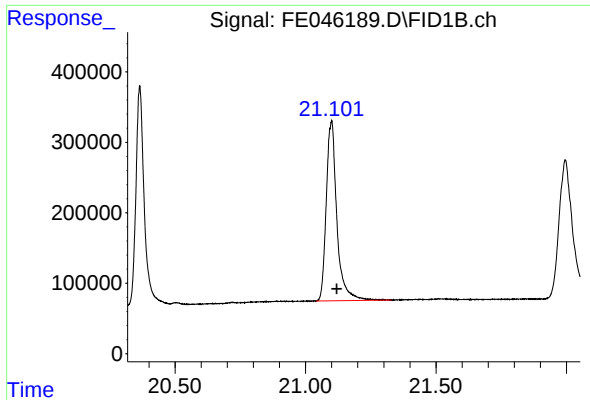
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.014 min
Response: 6710738
Conc: 46.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: -0.018 min
Response: 6838103
Conc: 46.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.020 min
Response: 7204064
Conc: 48.85 ug/ml

Instrument :

FID_E

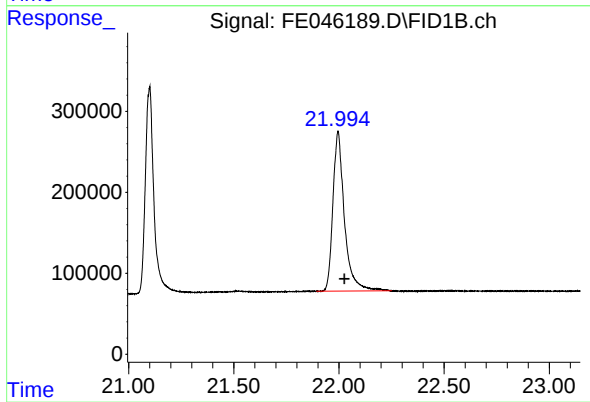
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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.030 min
Response: 7523519
Conc: 48.07 ug/ml