

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045174.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 13:57
 Operator : YP\AJ
 Sample : PB156871BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156871BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.893	6924440	34.542 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
12) S 1-chlorooctadecane (S...	13.335	5325755	35.988 ug/ml
Spiked Amount 50.000		Recovery =	71.98%
Target Compounds			
1) T n-Nonane (C9)	3.288	6674592	39.788 ug/ml
2) T n-Decane (C10)	4.534	7393337	43.401 ug/mlm
3) T A~Naphthalene (C11.7)	6.231	8122704	43.879 ug/ml
4) T n-Dodecane (C12)	6.695	7843742	45.439 ug/ml
5) T A~2-methylnaphthalene...	7.326	7895949	43.771 ug/ml
6) T n-Tetradecane (C14)	8.523	7873767	45.917 ug/ml
7) T n-Hexadecane (C16)	10.133	7849427	44.887 ug/ml
8) T n-Octadecane (C18)	11.579	7799515	44.718 ug/ml
10) T n-Eicosane (C20)	12.891	7658768	45.853 ug/ml
11) T n-Heneicosane (C21)	13.504	7259970	44.536 ug/ml
13) T n-Docosane (C22)	14.091	7143201	44.658 ug/ml
14) T n-Tetracosane (C24)	15.181	14191019	91.439 ug/ml
15) T n-Hexacosane (C26)	16.222	6816254	45.401 ug/ml
16) T n-Octacosane (C28)	17.171	6934824	47.226 ug/ml
17) T n-Tricontane (C30)	18.064	6939591	46.659 ug/ml
18) T n-Dotriacontane (C32)	18.897	7135751	47.542 ug/ml
19) T n-Tetratriacontane (C34)	19.682	7198259	48.355 ug/mlm
20) T n-Hexatriacontane (C36)	20.425	7150187	46.508 ug/ml
21) T n-Octatriacontane (C38)	21.164	7493457	47.970 ug/mlm
22) T n-Tetracontane (C40)	22.078	7588076	45.404 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Nov 03 23:03:08 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 2023

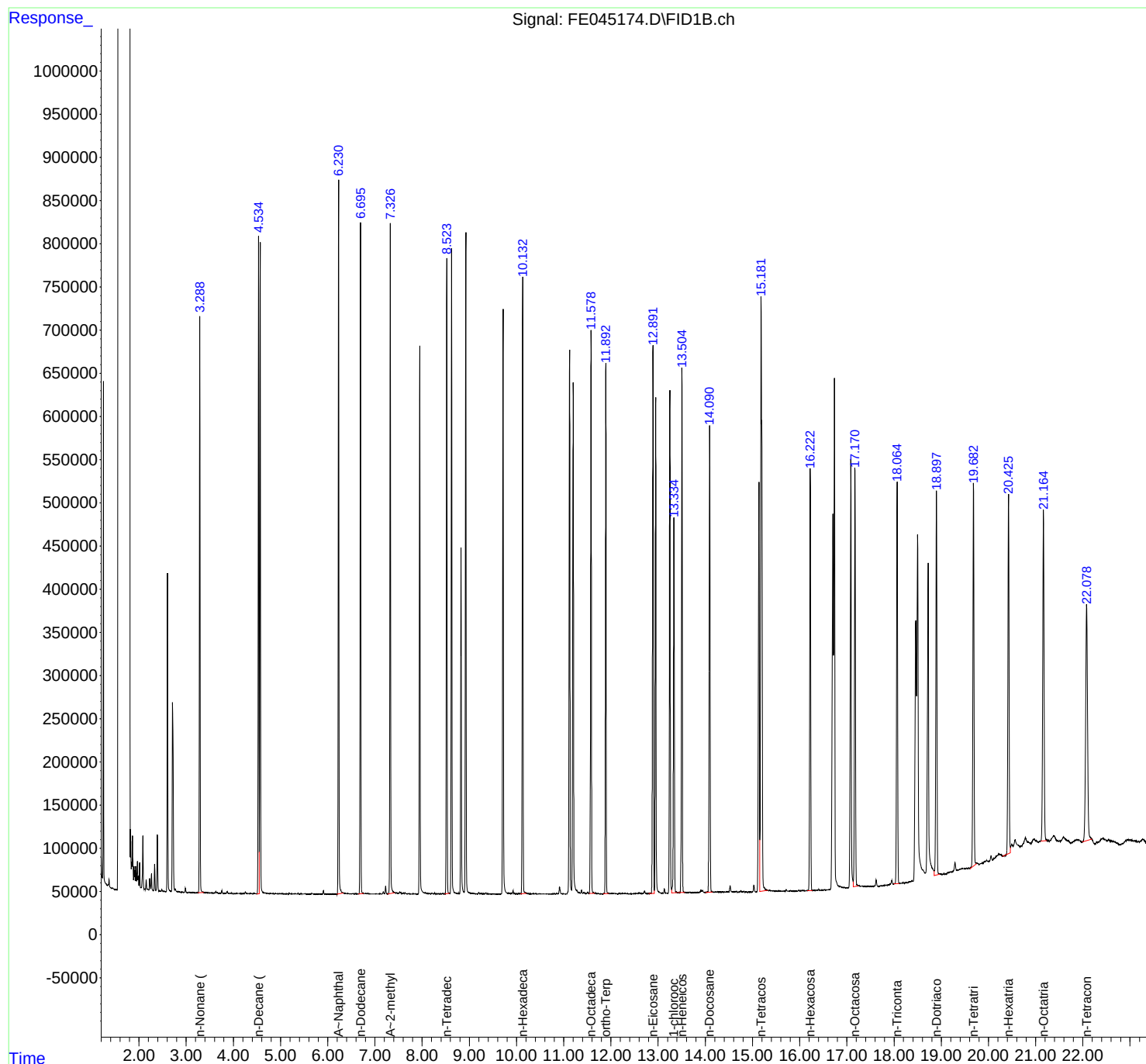
Response via : Initial Calibration

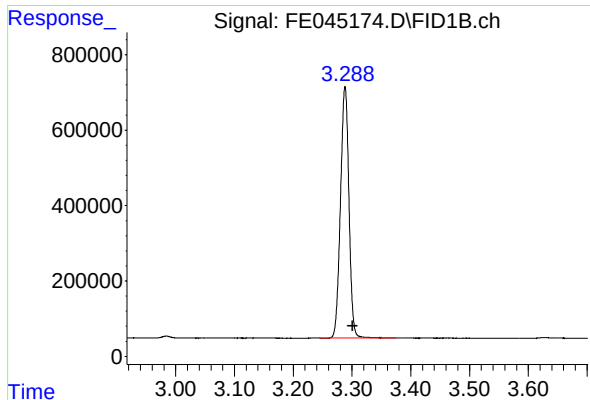
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





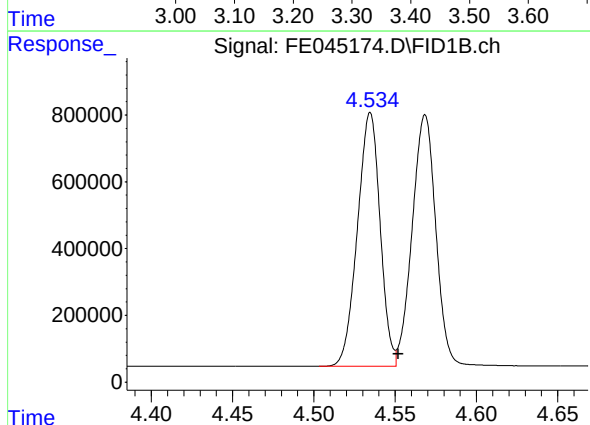
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.013 min
Response: 6674592
Conc: 39.79 ug/ml

Instrument :
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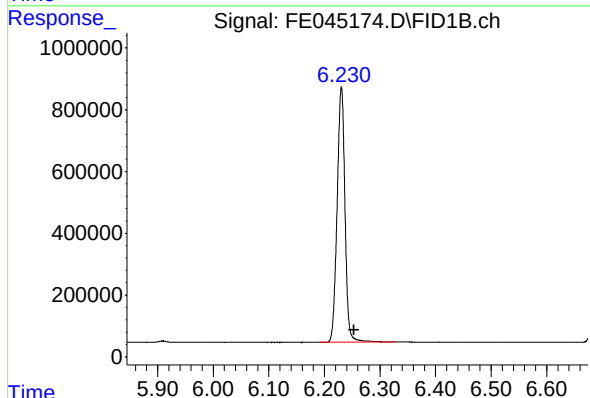
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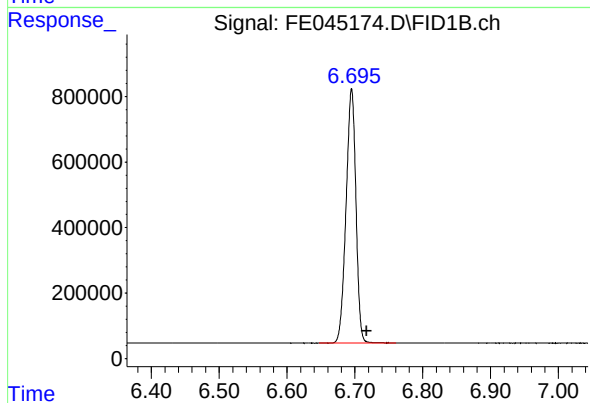
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 7393337
Conc: 43.40 ug/ml m



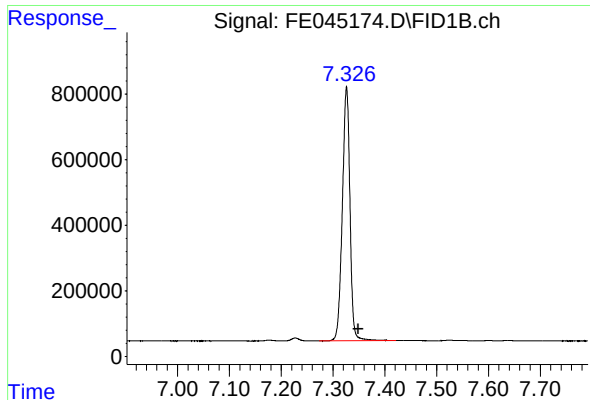
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.023 min
Response: 8122704
Conc: 43.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: -0.022 min
Response: 7843742
Conc: 45.44 ug/ml



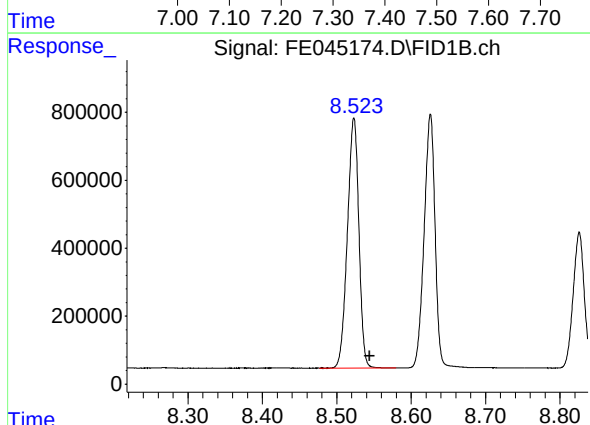
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.023 min
Response: 7895949
Conc: 43.77 ug/ml

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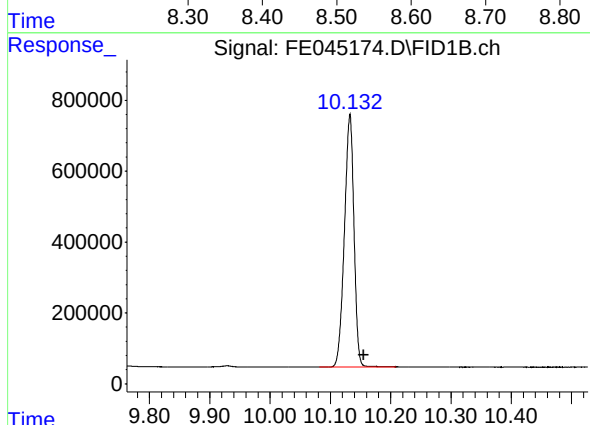
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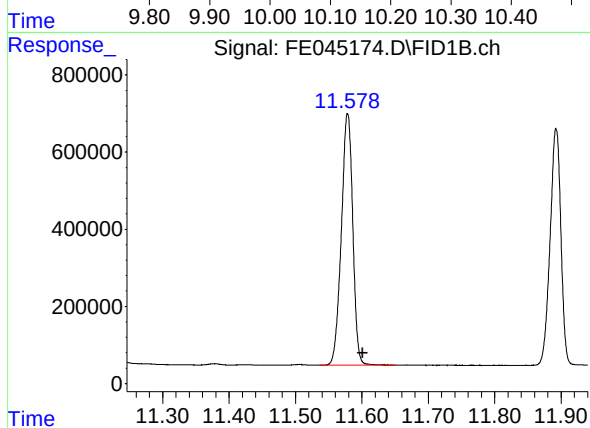
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.021 min
Response: 7873767
Conc: 45.92 ug/ml



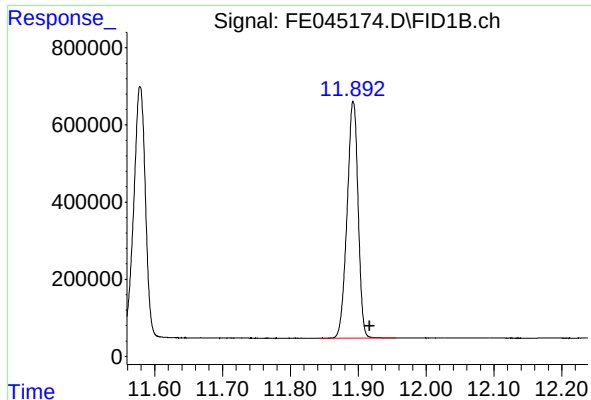
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.023 min
Response: 7849427
Conc: 44.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.023 min
Response: 7799515
Conc: 44.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.024 min
Response: 6924440
Conc: 34.54 ug/ml

Instrument :

FID_E

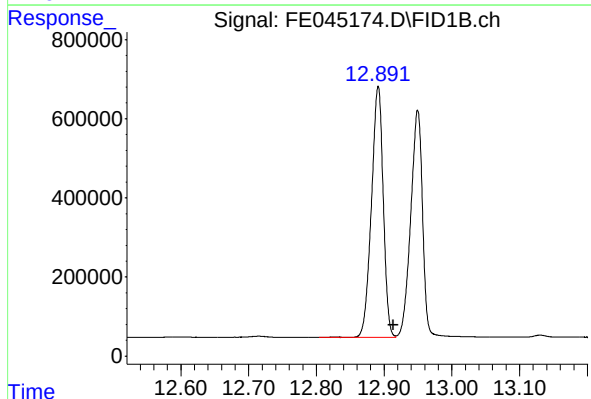
ClientSampleId :

PB156871BSD

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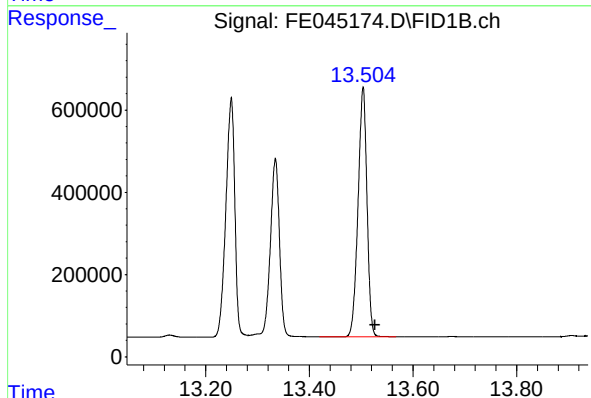
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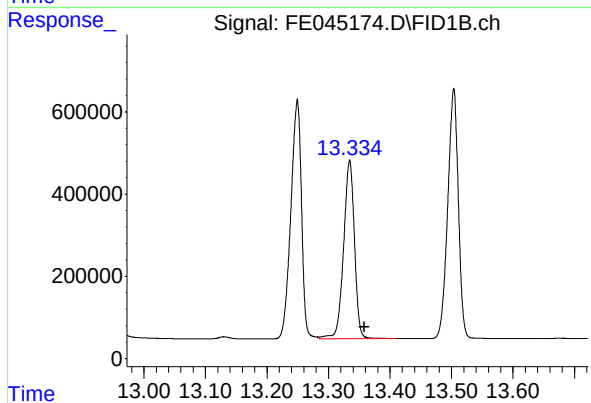
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.022 min
Response: 7658768
Conc: 45.85 ug/ml



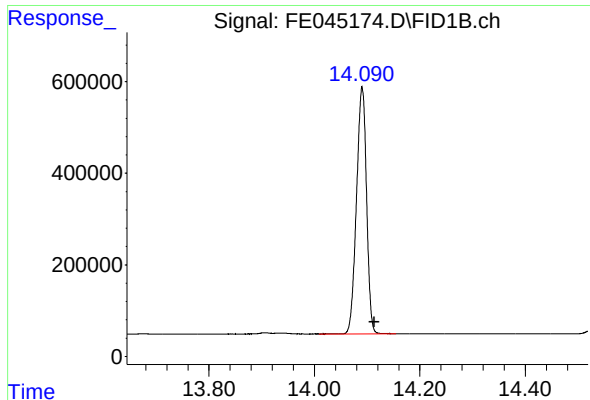
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.023 min
Response: 7259970
Conc: 44.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.024 min
Response: 5325755
Conc: 35.99 ug/ml



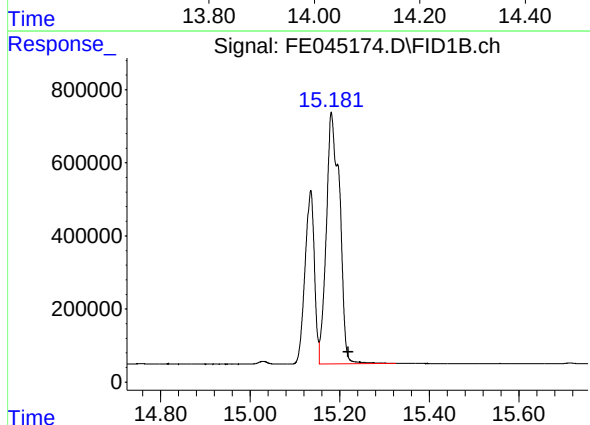
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.023 min
Response: 7143201
Conc: 44.66 ug/ml

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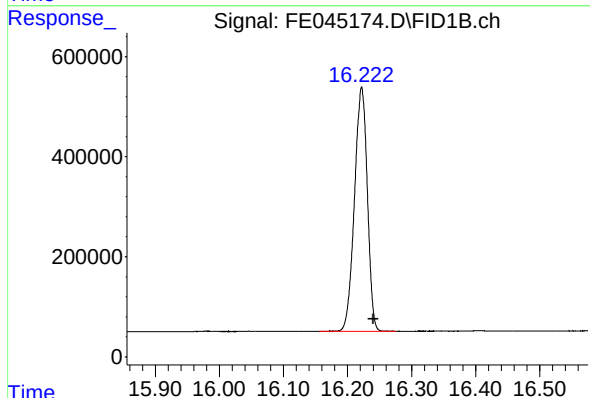
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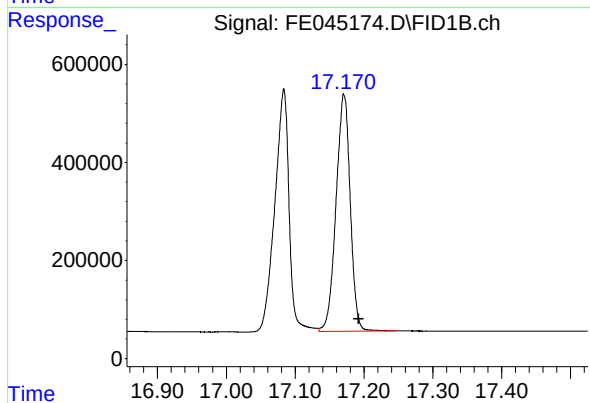
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.037 min
Response: 14191019
Conc: 91.44 ug/ml



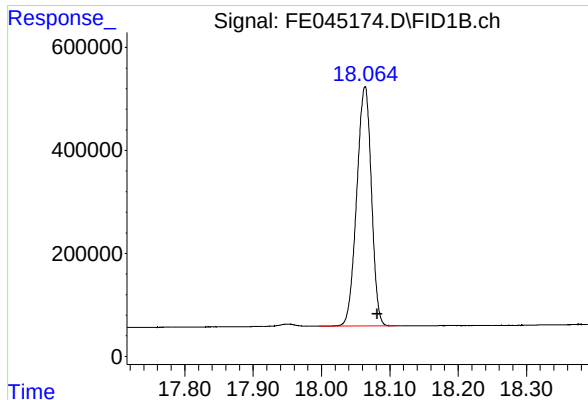
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.019 min
Response: 6816254
Conc: 45.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.022 min
Response: 6934824
Conc: 47.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.018 min
Response: 6939591
Conc: 46.66 ug/ml

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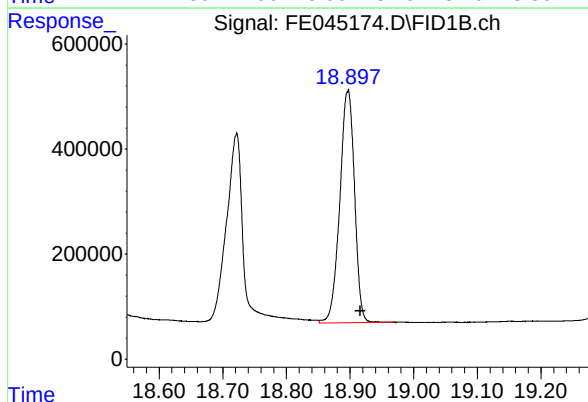
PB156871BSD

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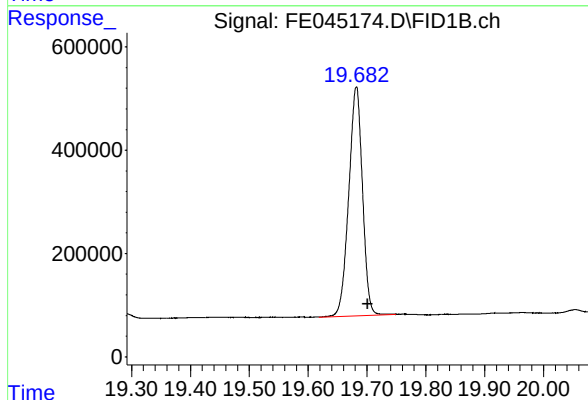
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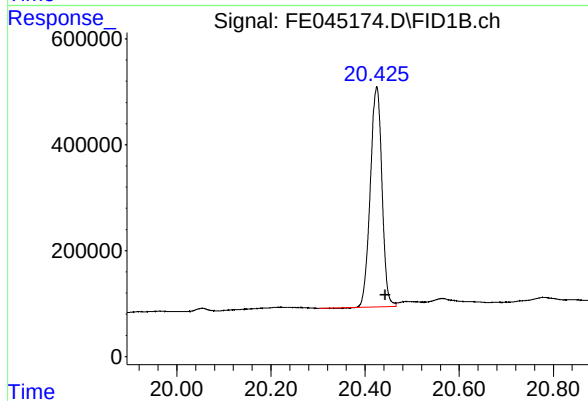
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.019 min
Response: 7135751
Conc: 47.54 ug/ml



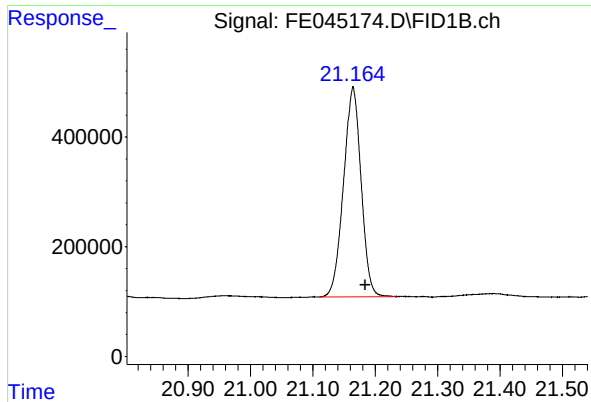
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.019 min
Response: 7198259
Conc: 48.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 7150187
Conc: 46.51 ug/ml



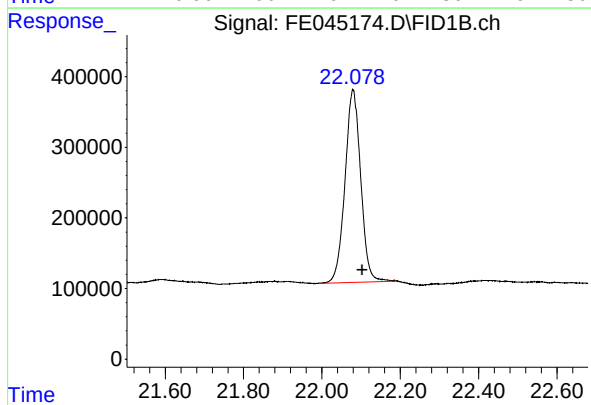
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.020 min
Response: 7493457
Conc: 47.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.025 min
Response: 7588076
Conc: 45.40 ug/ml m