

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049758.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 14:41
 Operator : YP\AJ
 Sample : PB162986BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162986BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2024
 Supervised By :Ankita Jodhani 08/27/2024

Integration File: autoint1.e
 Quant Time: Aug 27 01:21:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.889	8390229	51.884 ug/ml
Spiked Amount 50.000		Recovery =	103.77%
12) S 1-chlorooctadecane (S...	13.322	6487535	53.174 ug/ml
Spiked Amount 50.000		Recovery =	106.35%
Target Compounds			
1) T n-Nonane (C9)	3.284	6409797	41.419 ug/ml
2) T n-Decane (C10)	4.531	7341419	46.497 ug/ml
3) T A~Naphthalene (C11.7)	6.234	8135673	50.704 ug/ml
4) T n-Dodecane (C12)	6.694	8212206	52.238 ug/ml
5) T A~2-methylnaphthalene...	7.330	7954046	53.114 ug/ml
6) T n-Tetradecane (C14)	8.523	8335195	53.991 ug/ml
7) T n-Hexadecane (C16)	10.128	8206229	52.543 ug/ml
8) T n-Octadecane (C18)	11.570	8289391	52.781 ug/ml
10) T n-Eicosane (C20)	12.879	8268400	55.379 ug/ml
11) T n-Heneicosane (C21)	13.489	8029022	54.732 ug/ml
13) T n-Docosane (C22)	14.074	7918797	54.331 ug/ml
14) T n-Tetracosane (C24)	15.172	14461144	99.413 ug/ml
15) T n-Hexacosane (C26)	16.197	7749602	53.696 ug/ml
16) T n-Octacosane (C28)	17.145	8455581	58.703 ug/ml
17) T n-Tricontane (C30)	18.031	7929932	52.971 ug/ml
18) T n-Dotriacontane (C32)	18.862	8178839	54.063 ug/mlm
19) T n-Tetratriacontane (C34)	19.645	8454479	55.301 ug/ml
20) T n-Hexatriacontane (C36)	20.385	8487653	55.894 ug/ml
21) T n-Octatriacontane (C38)	21.114	8776633	55.919 ug/ml
22) T n-Tetracontane (C40)	22.009	8583917	56.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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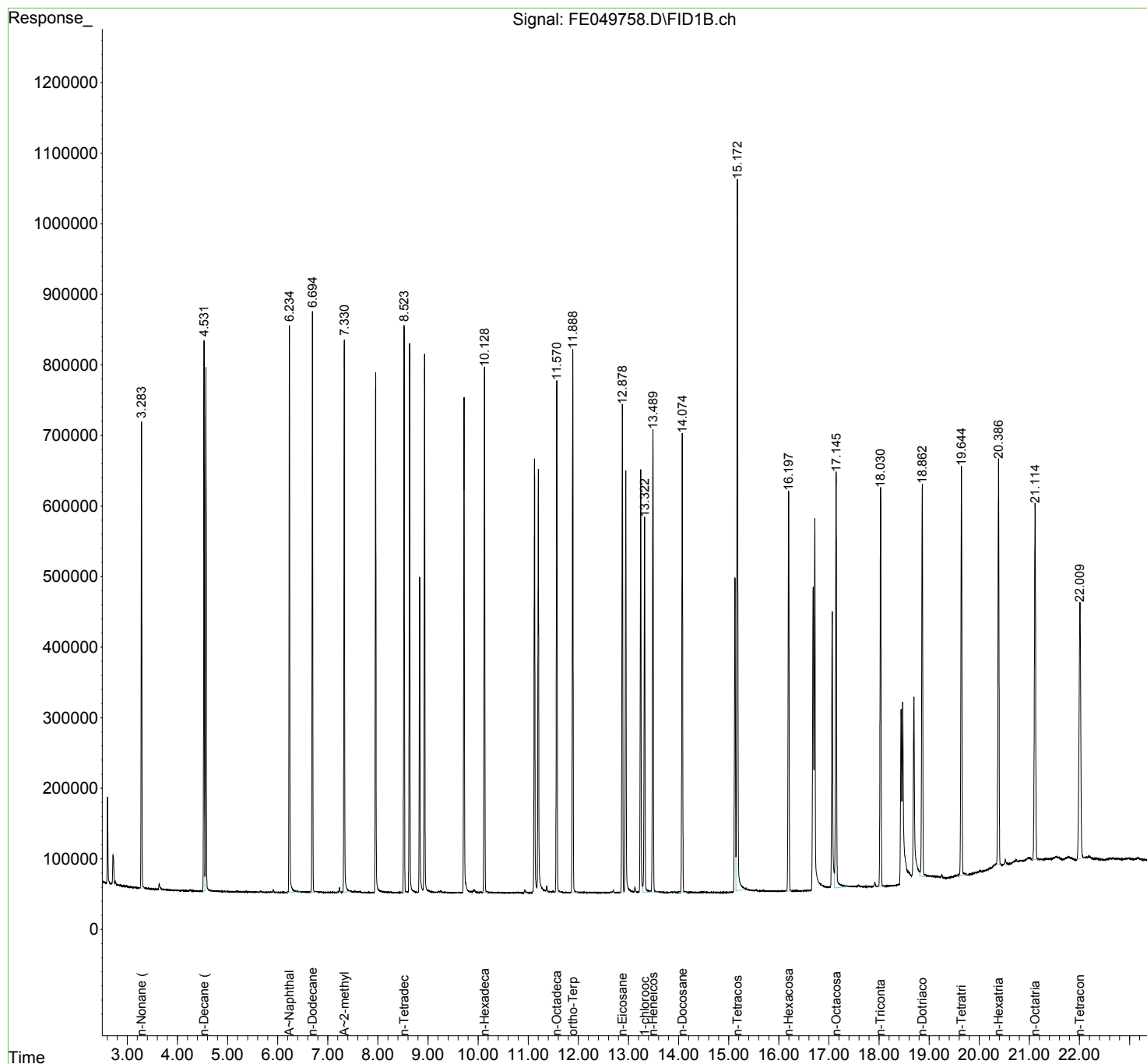
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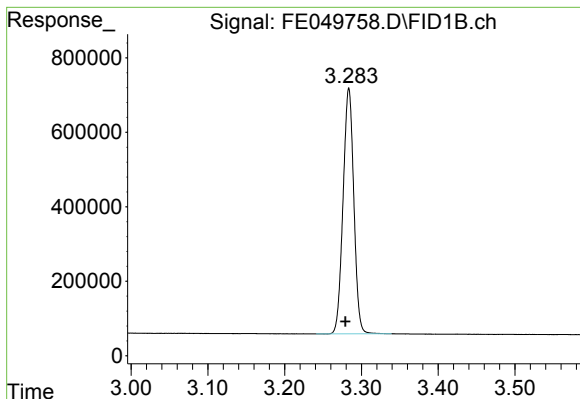
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#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.005 min
Response: 6409797
Conc: 41.42 ug/ml

Instrument :

FID_E

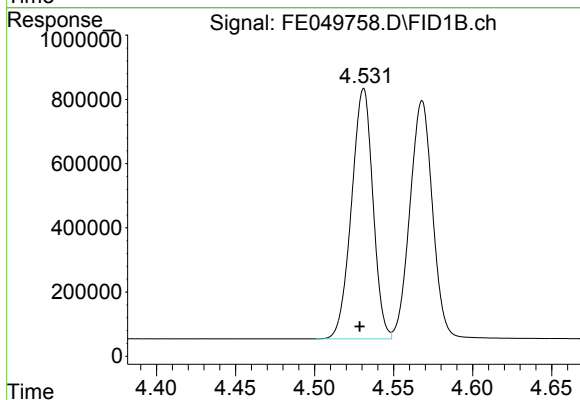
ClientSampleId :

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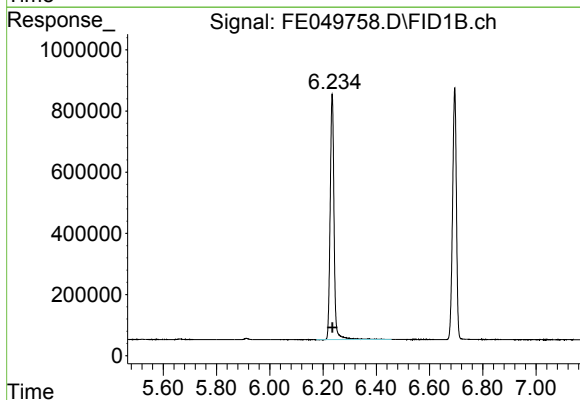
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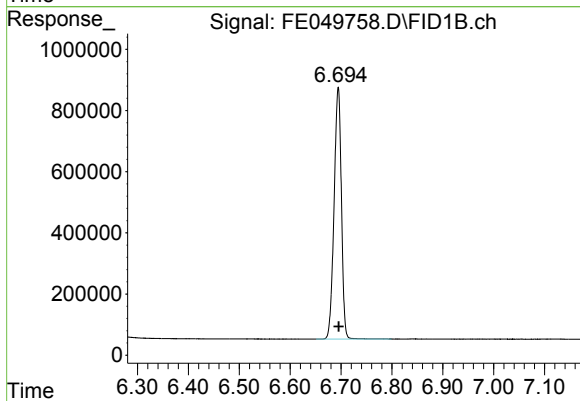
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 7341419
Conc: 46.50 ug/ml



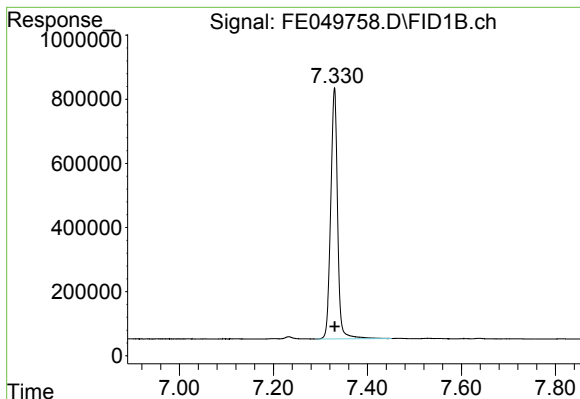
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 8135673
Conc: 50.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 8212206
Conc: 52.24 ug/ml



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

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 7954046
Conc: 53.11 ug/ml

Instrument :

FID_E

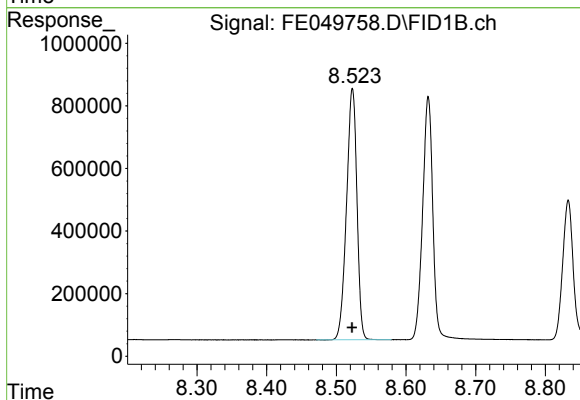
ClientSampleId :

PB162986BSD

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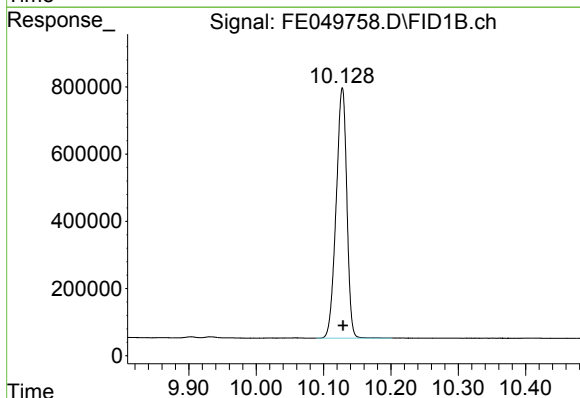
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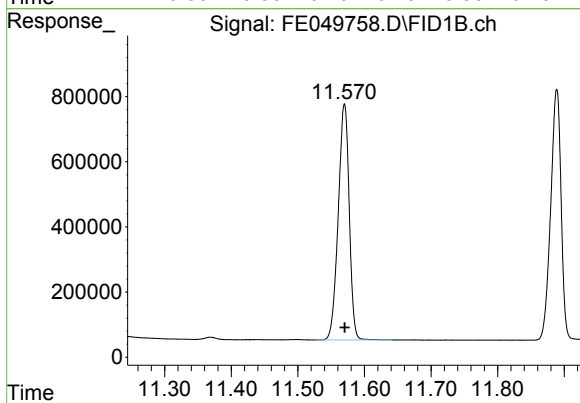
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 8335195
Conc: 53.99 ug/ml



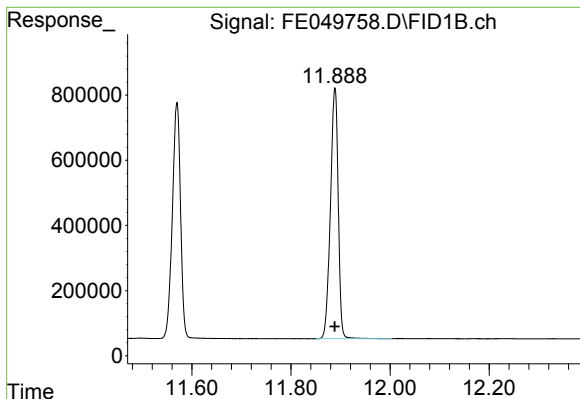
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.001 min
Response: 8206229
Conc: 52.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.000 min
Response: 8289391
Conc: 52.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 8390229
Conc: 51.88 ug/ml

Instrument :

FID_E

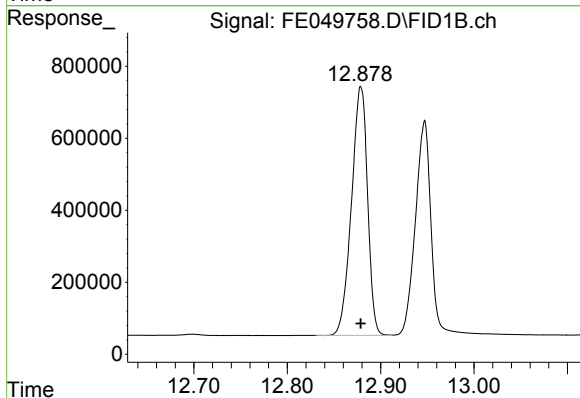
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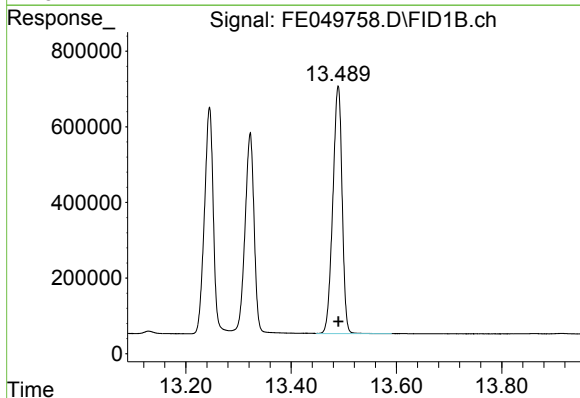
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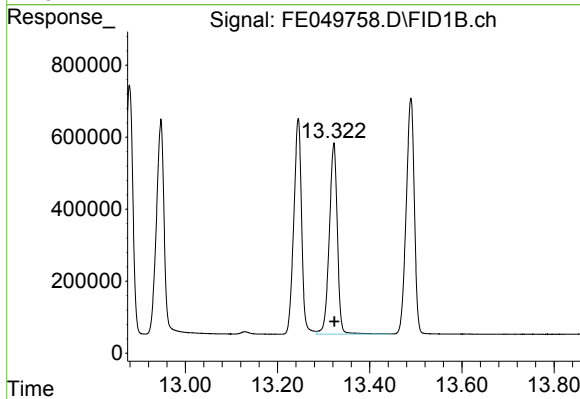
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 8268400
Conc: 55.38 ug/ml



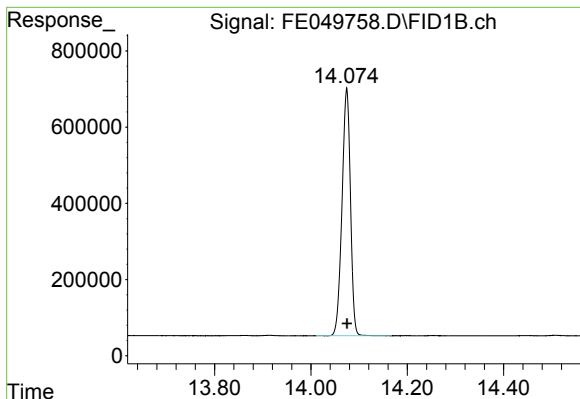
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 8029022
Conc: 54.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.001 min
Response: 6487535
Conc: 53.17 ug/ml



#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: -0.001 min
Response: 7918797
Conc: 54.33 ug/ml

Instrument :

FID_E

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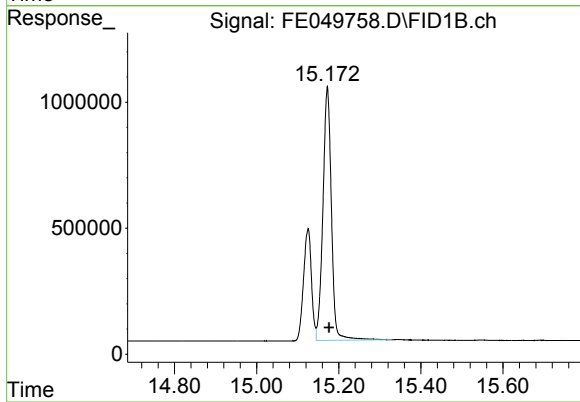
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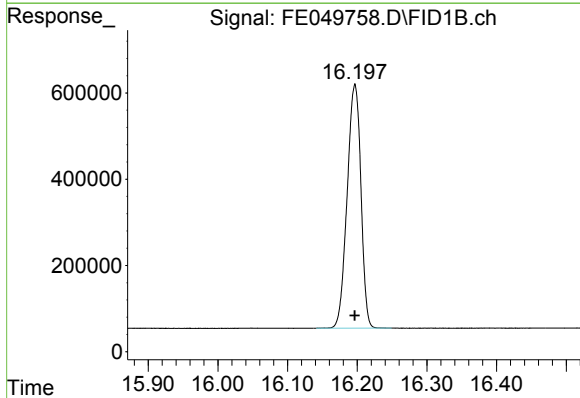
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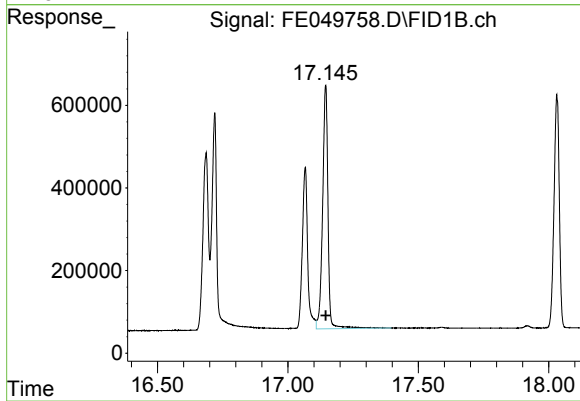
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.005 min
Response: 14461144
Conc: 99.41 ug/ml



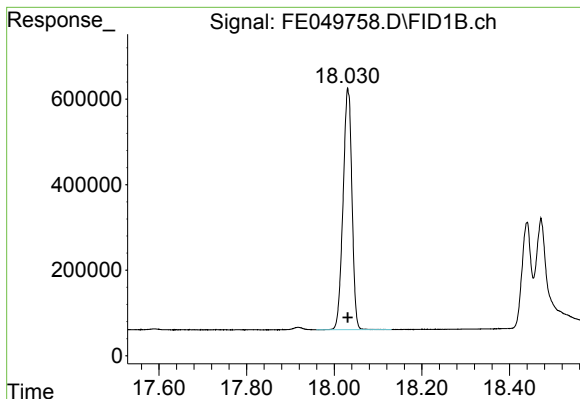
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 7749602
Conc: 53.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 8455581
Conc: 58.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 7929932
Conc: 52.97 ug/ml

Instrument :

FID_E

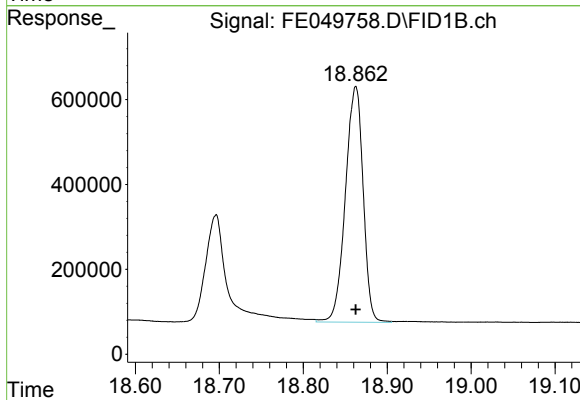
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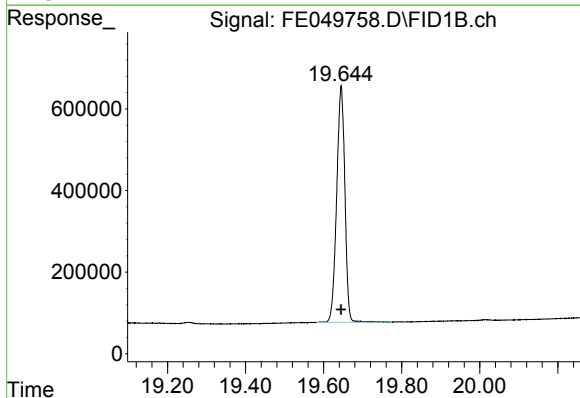
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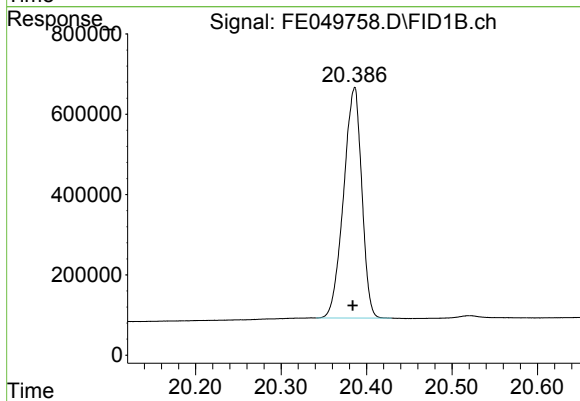
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 8178839
Conc: 54.06 ug/ml m



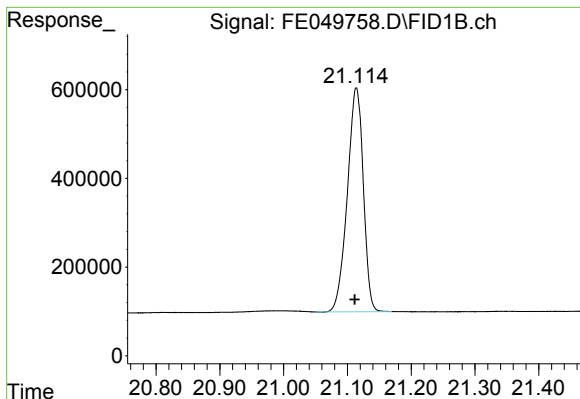
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 8454479
Conc: 55.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 8487653
Conc: 55.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.002 min
Response: 8776633
Conc: 55.92 ug/ml

Instrument :

FID_E

ClientSampleId :

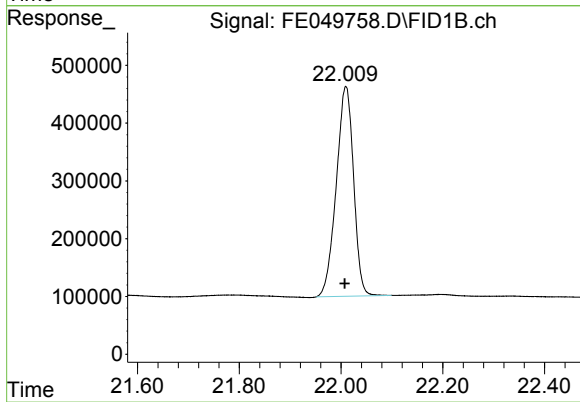
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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.002 min
Response: 8583917
Conc: 56.22 ug/ml