

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045234.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 17:51
 Operator : YP\AJ
 Sample : 05279-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e

Quant Time: Nov 08 23:10:43 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.885	5863404	30.710 ug/ml
Spiked Amount 50.000		Recovery =	61.42%
12) S 1-chlorooctadecane (S...	13.327	4490504	32.602 ug/ml
Spiked Amount 50.000		Recovery =	65.20%
Target Compounds			
1) T n-Nonane (C9)	3.273	4693220	28.409 ug/ml
2) T n-Decane (C10)	4.524	5309665	31.666 ug/ml
3) T A~Naphthalene (C11.7)	6.223	6098942	34.168 ug/ml
4) T n-Dodecane (C12)	6.689	5752968	34.064 ug/ml
5) T A~2-methylnaphthalene...	7.318	6024843	35.086 ug/ml
6) T n-Tetradecane (C14)	8.517	6111025	36.666 ug/ml
7) T n-Hexadecane (C16)	10.125	6547590	38.927 ug/ml
8) T n-Octadecane (C18)	11.572	6791516	40.578 ug/ml
10) T n-Eicosane (C20)	12.883	6739291	42.544 ug/ml
11) T n-Heneicosane (C21)	13.496	6369171	41.424 ug/ml
13) T n-Docosane (C22)	14.083	6326190	41.753 ug/ml
14) T n-Tetracosane (C24)	15.171	12827448	86.607 ug/mlm
15) T n-Hexacosane (C26)	16.213	6127860	42.042 ug/ml
16) T n-Octacosane (C28)	17.164	6157691	42.139 ug/ml
17) T n-Tricontane (C30)	18.057	6203952	40.843 ug/ml
18) T n-Dotriacontane (C32)	18.889	6270430	40.138 ug/ml
19) T n-Tetratriacontane (C34)	19.676	6261884	40.105 ug/ml
20) T n-Hexatriacontane (C36)	20.416	6227817	38.368 ug/ml
21) T n-Octatriacontane (C38)	21.157	6364759	38.309 ug/ml
22) T n-Tetracontane (C40)	22.072	6479154	37.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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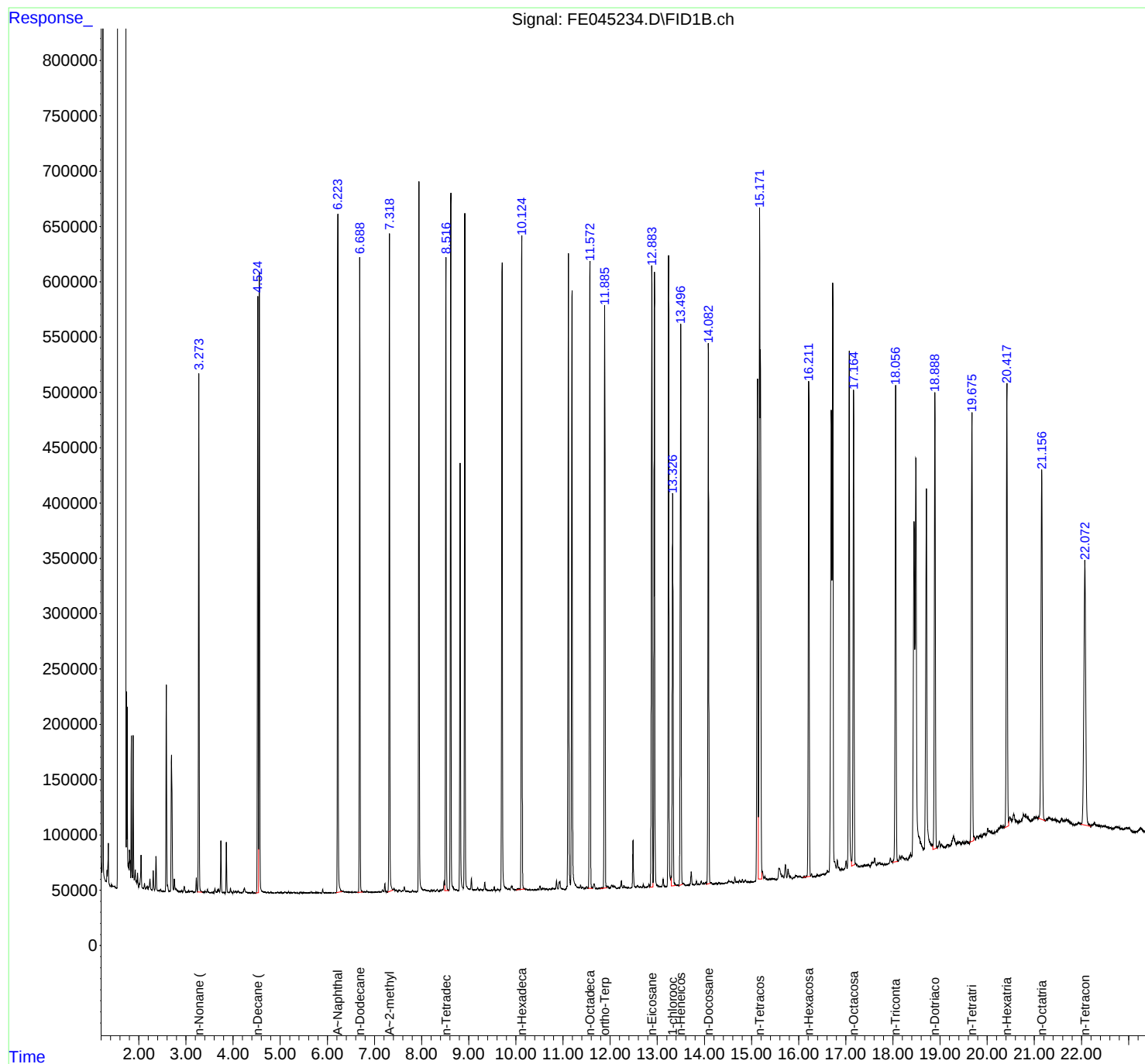
Instrument :
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ClientSampleId :
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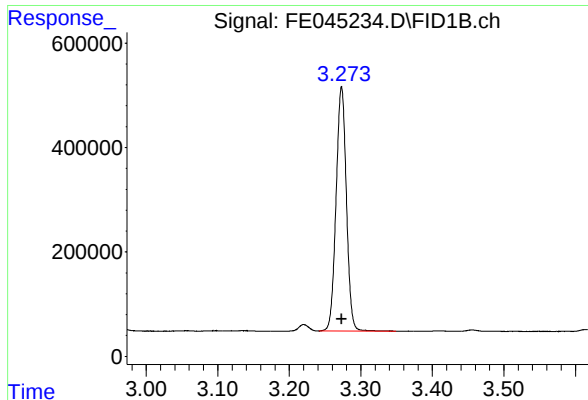
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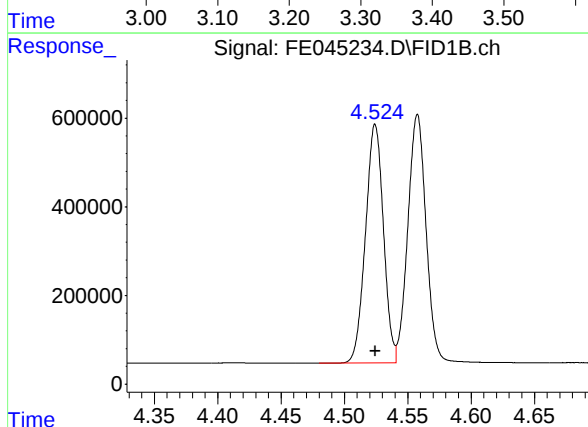
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 4693220
Conc: 28.41 ug/ml

Instrument :
FID_E
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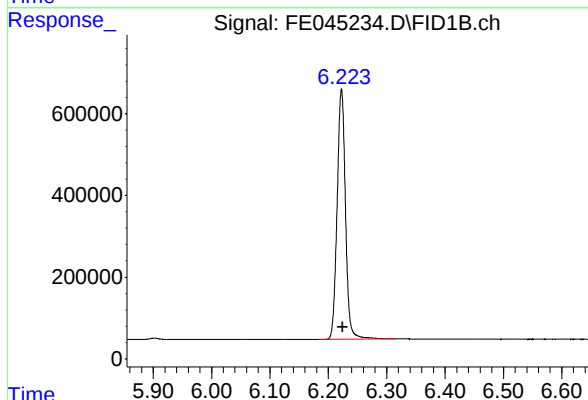
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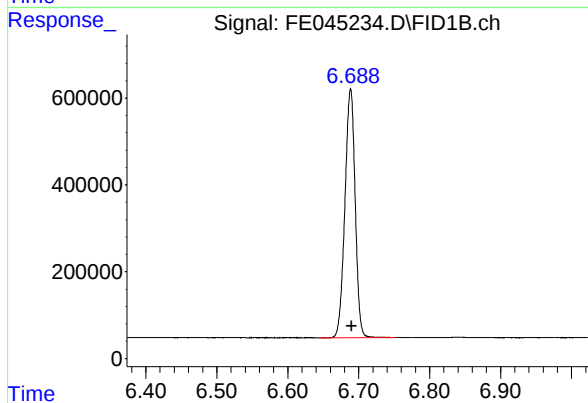
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 5309665
Conc: 31.67 ug/ml



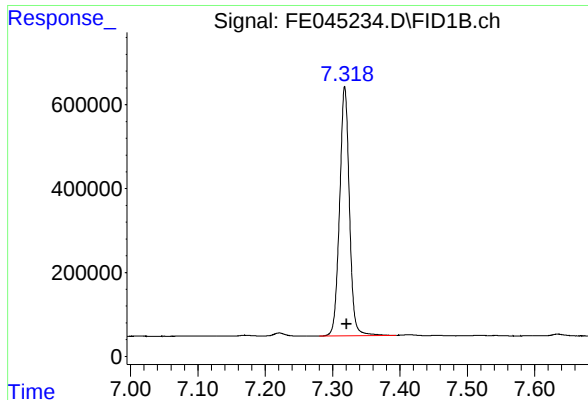
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 6098942
Conc: 34.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.002 min
Response: 5752968
Conc: 34.06 ug/ml



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

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 6024843
Conc: 35.09 ug/ml

Instrument :

FID_E

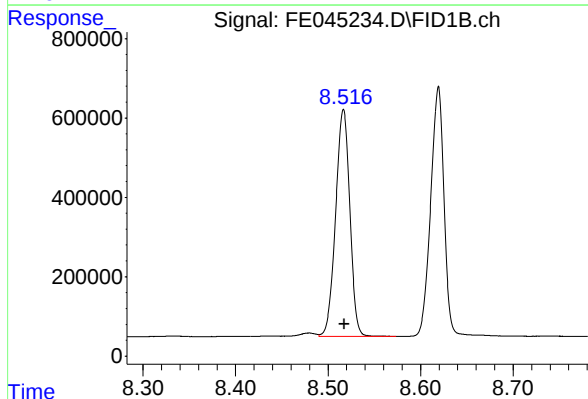
ClientSampleId :

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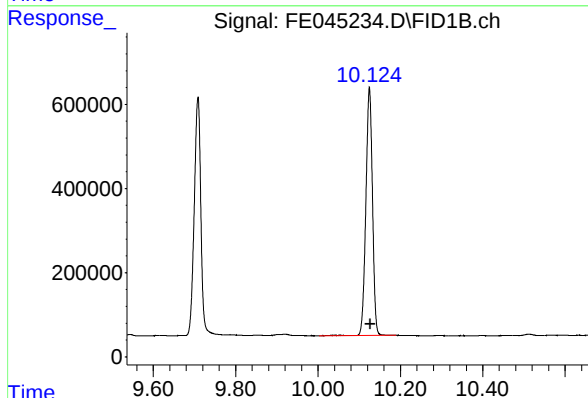
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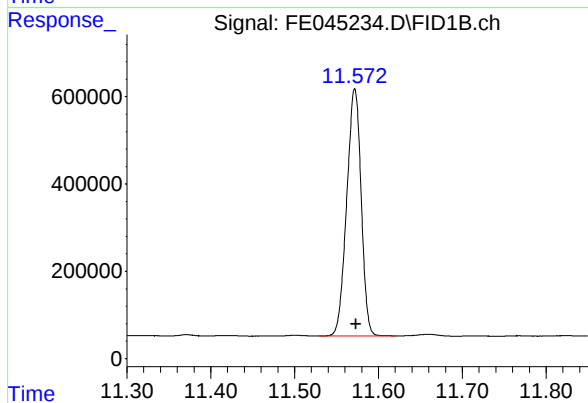
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6111025
Conc: 36.67 ug/ml



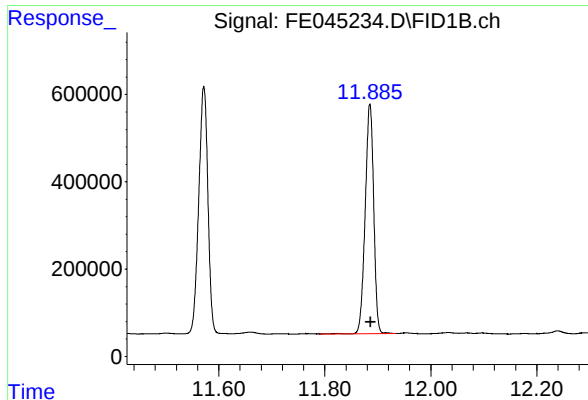
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 6547590
Conc: 38.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 6791516
Conc: 40.58 ug/ml



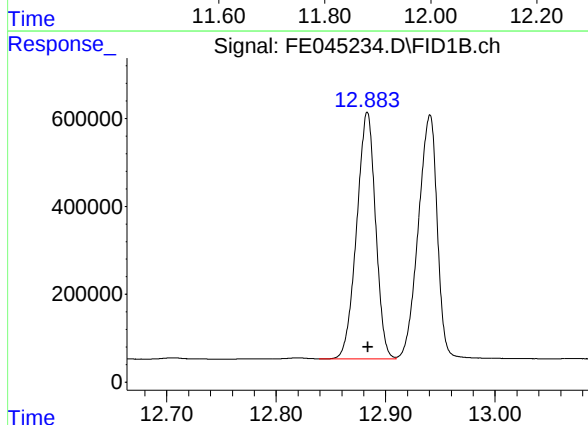
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.002 min
Response: 5863404
Conc: 30.71 ug/ml

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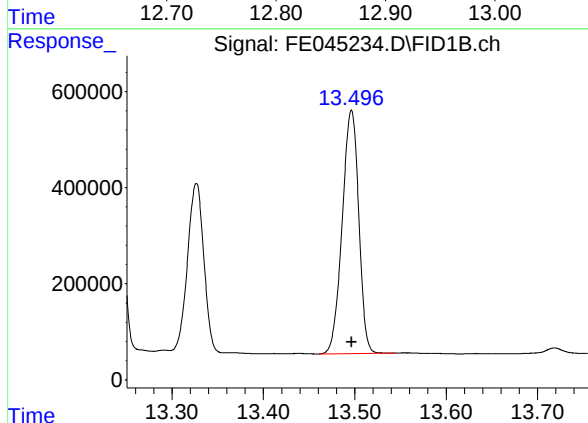
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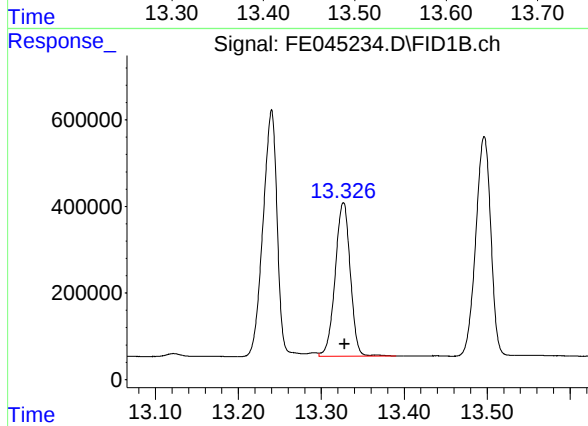
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 6739291
Conc: 42.54 ug/ml



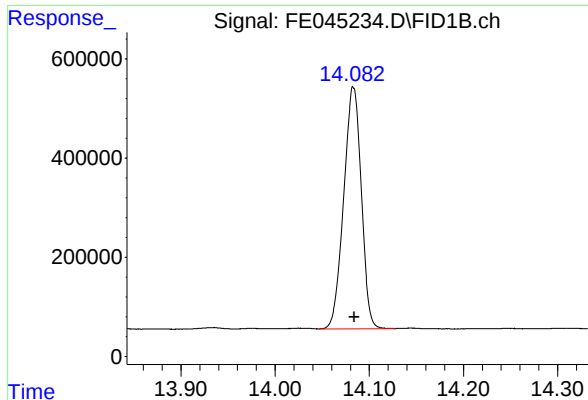
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 6369171
Conc: 41.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.001 min
Response: 4490504
Conc: 32.60 ug/ml



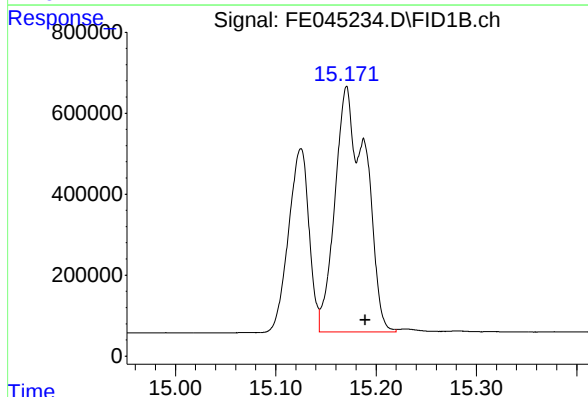
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: 0.000 min
Response: 6326190
Conc: 41.75 ug/ml

Instrument :
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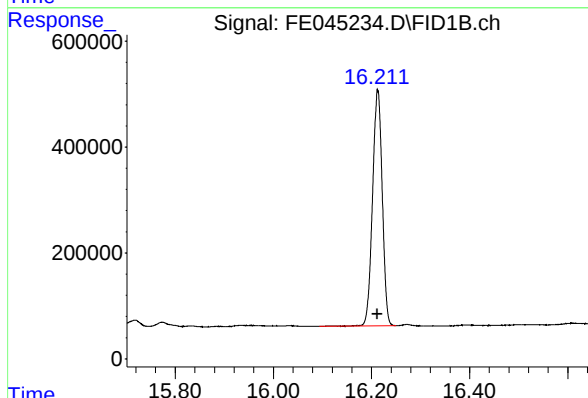
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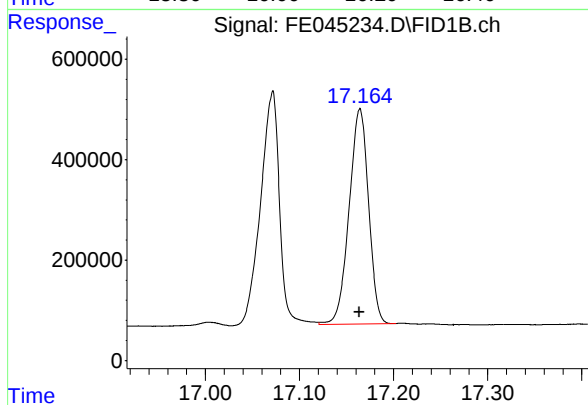
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.019 min
Response: 12827448
Conc: 86.61 ug/ml m



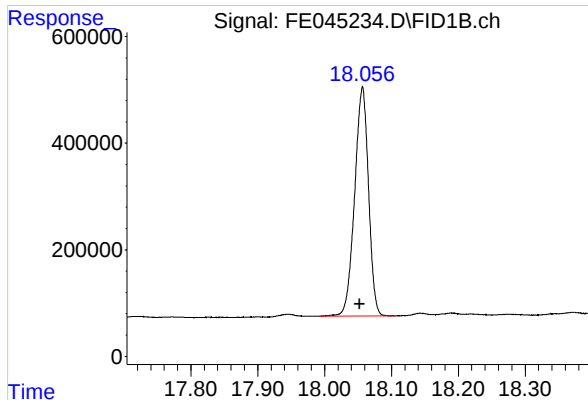
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 6127860
Conc: 42.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: 0.000 min
Response: 6157691
Conc: 42.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.004 min
Response: 6203952
Conc: 40.84 ug/ml

Instrument :

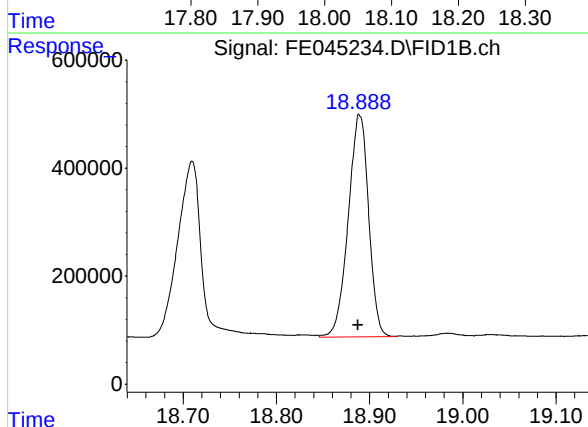
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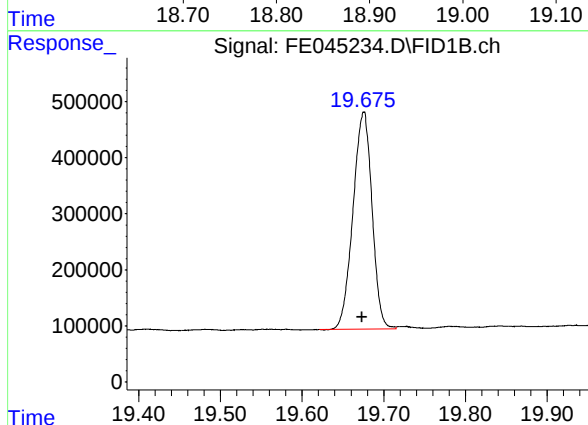
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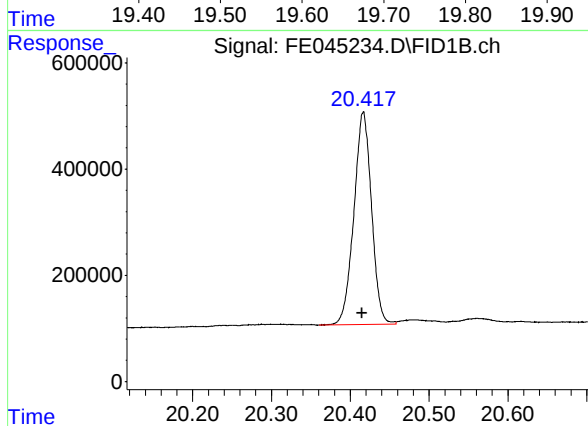
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.002 min
Response: 6270430
Conc: 40.14 ug/ml



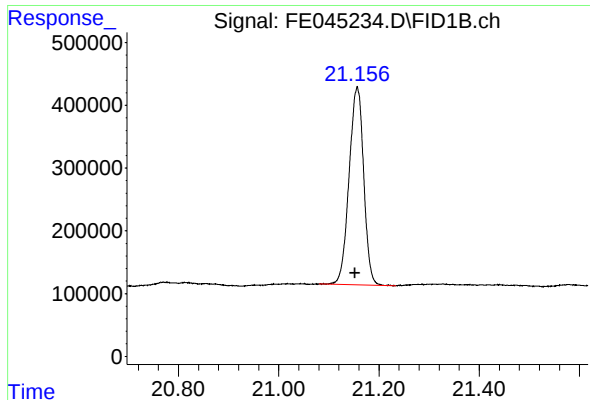
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.002 min
Response: 6261884
Conc: 40.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: 0.002 min
Response: 6227817
Conc: 38.37 ug/ml



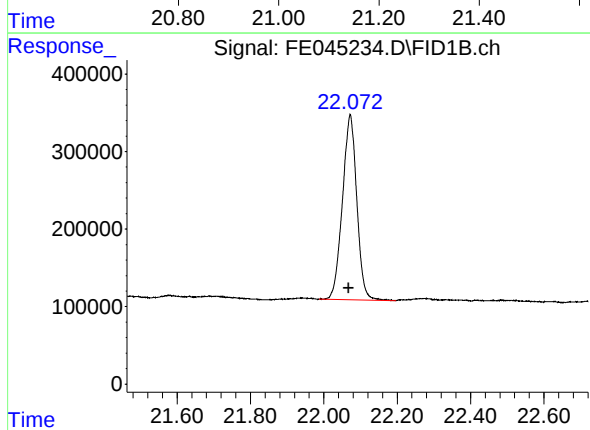
#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: 0.004 min
Response: 6364759
Conc: 38.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.004 min
Response: 6479154
Conc: 37.93 ug/ml