

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048884.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 16:26
 Operator : YP\AJ
 Sample : P3047-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-01-062424MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Ankita Jodhani 06/26/2024

Integration File: sample.E
 Quant Time: Jun 26 01:30:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.936	4500191	26.913 ug/ml
Spiked Amount 50.000		Recovery =	53.83%
12) S 1-chlorooctadecane (S...	13.372	4513038	35.096 ug/ml
Spiked Amount 50.000		Recovery =	70.19%
Target Compounds			
1) T n-Nonane (C9)	3.323	3197759	21.270 ug/ml
2) T n-Decane (C10)	4.572	3786015	24.602 ug/ml
3) T A~Naphthalene (C11.7)	6.277	4516667	28.451 ug/ml
4) T n-Dodecane (C12)	6.737	4100676	26.563 ug/ml
5) T A~2-methylnaphthalene...	7.374	4715194	31.136 ug/ml
6) T n-Tetradecane (C14)	8.566	4622767	30.162 ug/ml
7) T n-Hexadecane (C16)	10.173	4933591	31.553 ug/ml
8) T n-Octadecane (C18)	11.616	5201950	32.617 ug/ml
10) T n-Eicosane (C20)	12.926	5631139	36.322 ug/ml
11) T n-Heneicosane (C21)	13.537	5122467	33.642 ug/ml
13) T n-Docosane (C22)	14.124	4980731	32.934 ug/ml
14) T n-Tetracosane (C24)	15.219	9007663	59.939 ug/ml
15) T n-Hexacosane (C26)	16.248	4832624	32.734 ug/ml
16) T n-Octacosane (C28)	17.195	4936711	34.232 ug/mlm
17) T n-Tricontane (C30)	18.084	4857427	33.202 ug/mlm
18) T n-Dotriacontane (C32)	18.917	4734100	33.110 ug/ml
19) T n-Tetratriacontane (C34)	19.701	4937645	35.684 ug/ml
20) T n-Hexatriacontane (C36)	20.441	4605422	35.435 ug/mlm
21) T n-Octatriacontane (C38)	21.180	4956432	38.663 ug/ml
22) T n-Tetracontane (C40)	22.098	5808849	47.435 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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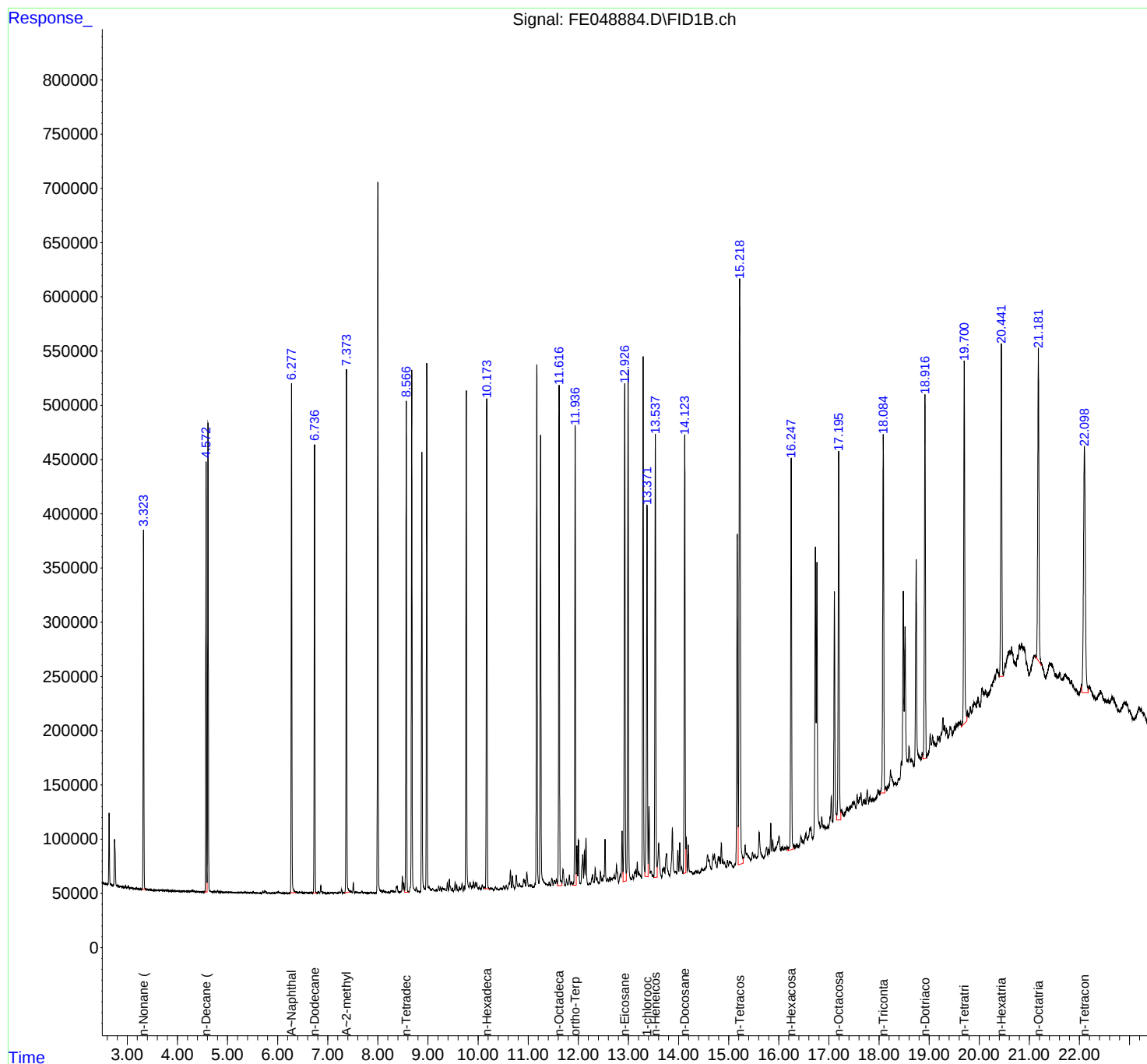
Instrument :
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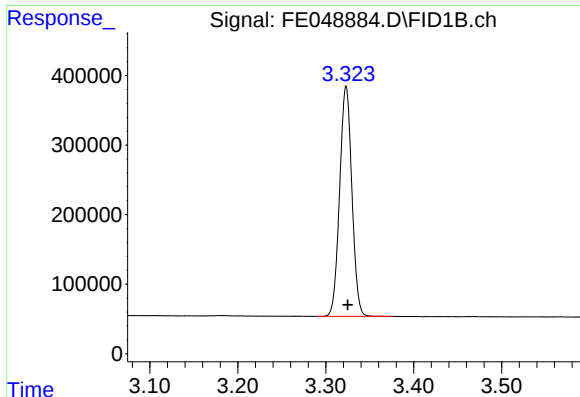
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#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 3197759
Conc: 21.27 ug/ml

Instrument :

FID_E

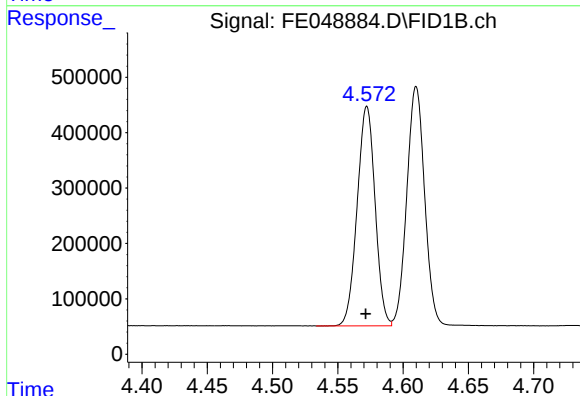
ClientSampleId :

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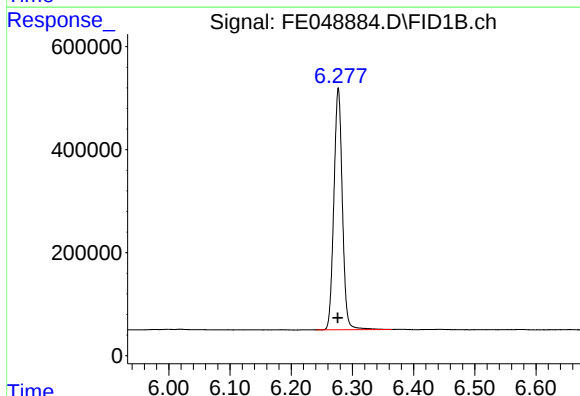
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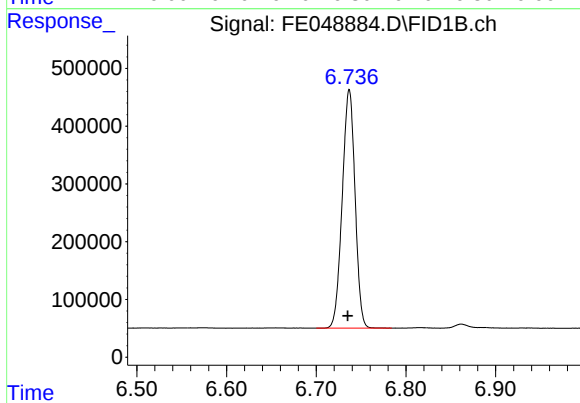
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 3786015
Conc: 24.60 ug/ml



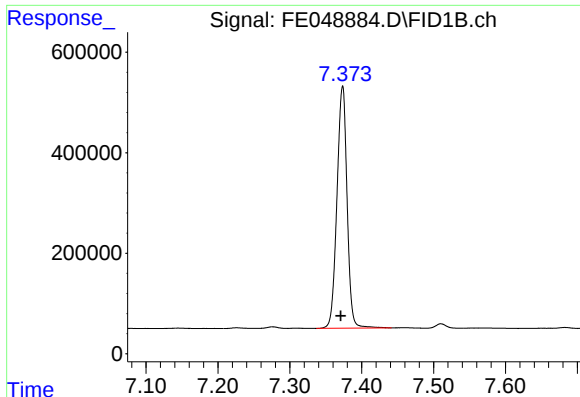
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 4516667
Conc: 28.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 4100676
Conc: 26.56 ug/ml



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

R.T.: 7.374 min
Delta R.T.: 0.003 min
Response: 4715194
Conc: 31.14 ug/ml

Instrument :

FID_E

ClientSampleId :

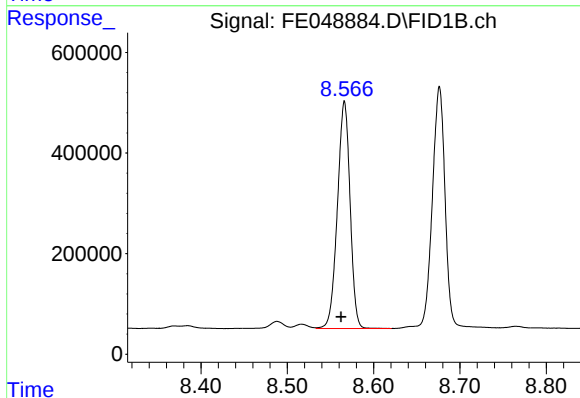
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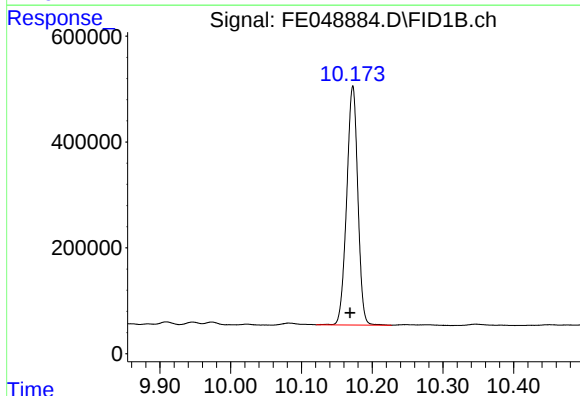
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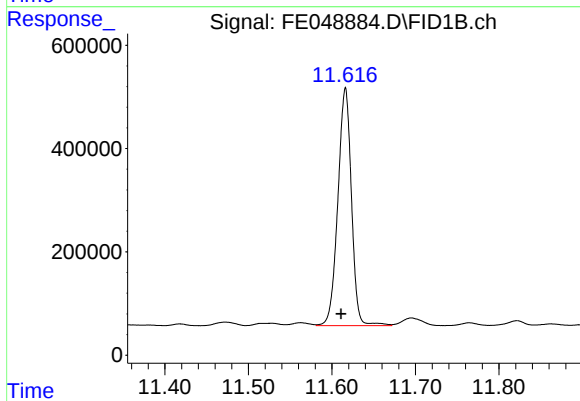
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.004 min
Response: 4622767
Conc: 30.16 ug/ml



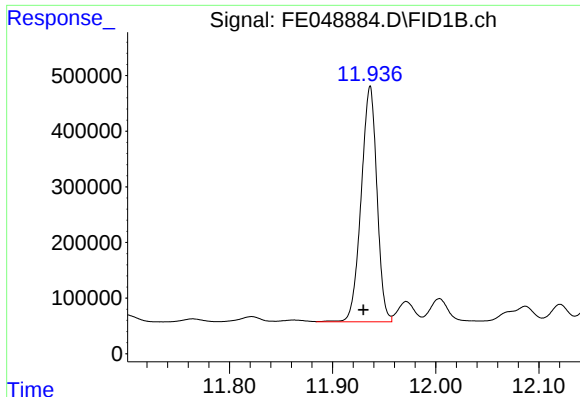
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.004 min
Response: 4933591
Conc: 31.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 5201950
Conc: 32.62 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.007 min
Response: 4500191
Conc: 26.91 ug/ml

Instrument :

FID_E

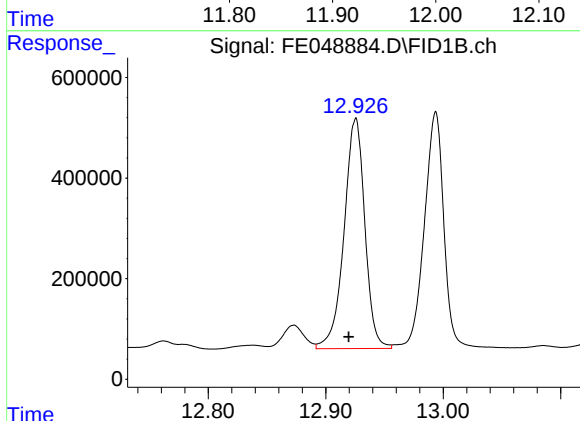
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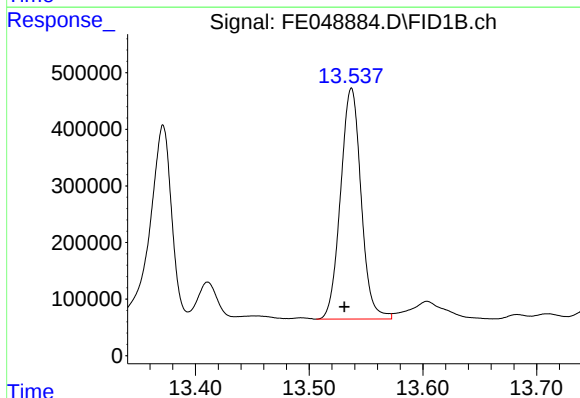
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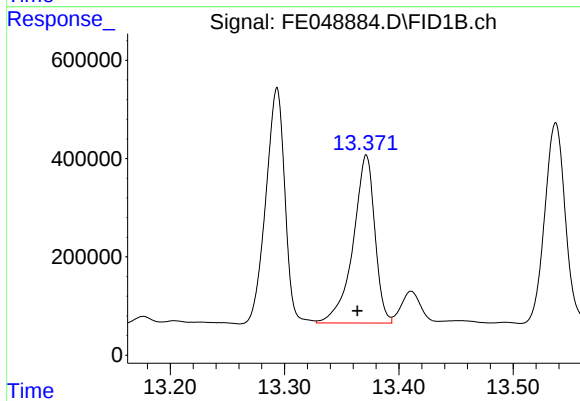
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 5631139
Conc: 36.32 ug/ml



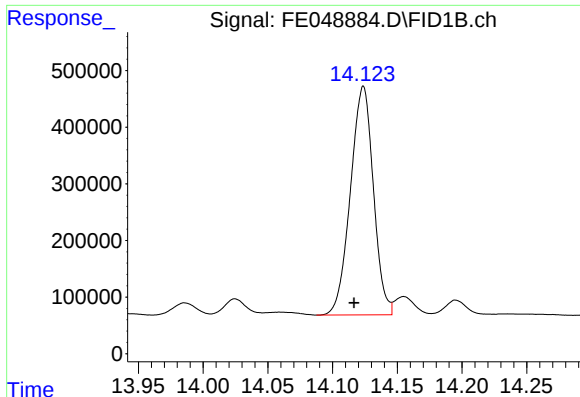
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.006 min
Response: 5122467
Conc: 33.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: 0.008 min
Response: 4513038
Conc: 35.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.007 min
Response: 4980731
Conc: 32.93 ug/ml

Instrument :

FID_E

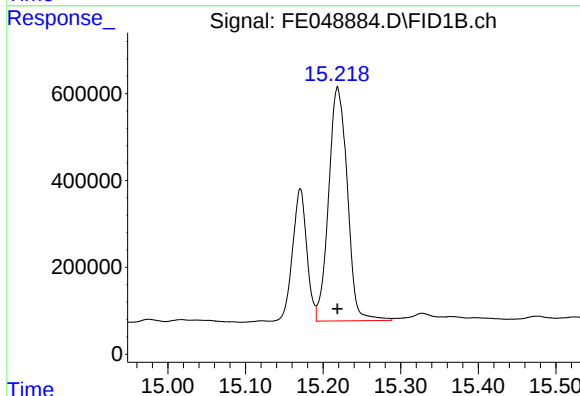
ClientSampleId :

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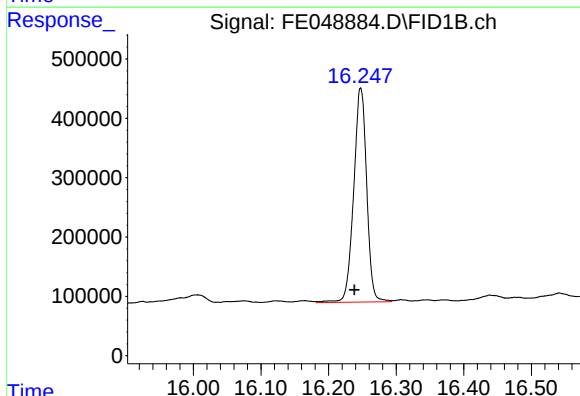
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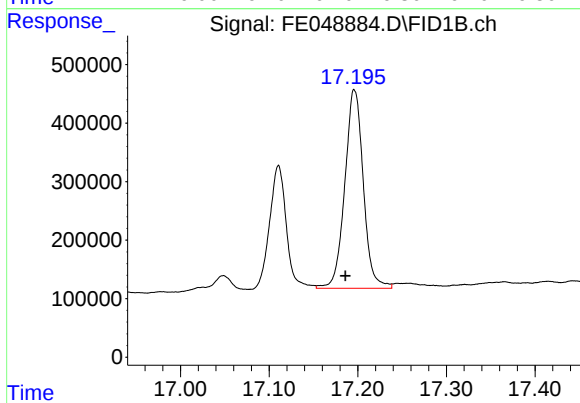
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 9007663
Conc: 59.94 ug/ml



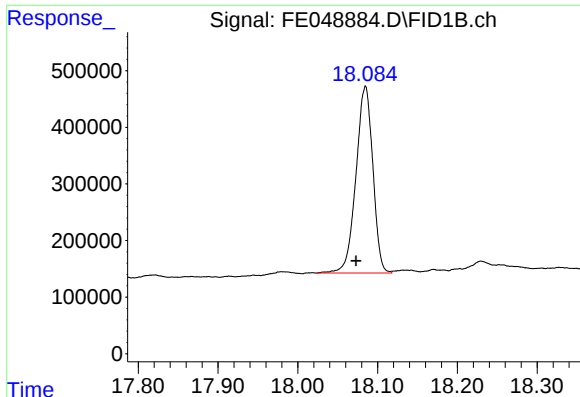
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.009 min
Response: 4832624
Conc: 32.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: 0.009 min
Response: 4936711
Conc: 34.23 ug/ml m



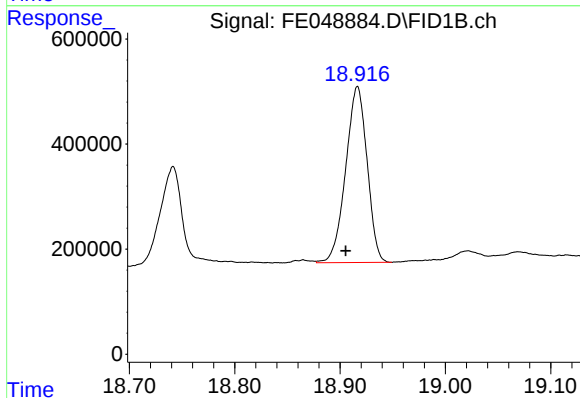
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: 0.011 min
Response: 4857427
Conc: 33.20 ug/ml

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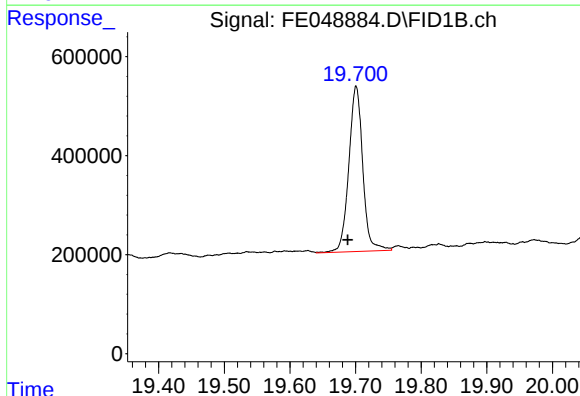
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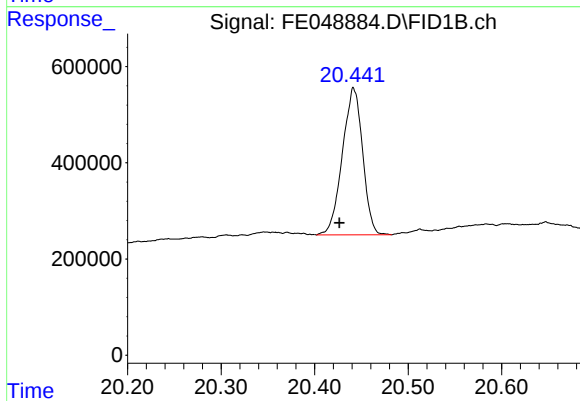
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.011 min
Response: 4734100
Conc: 33.11 ug/ml



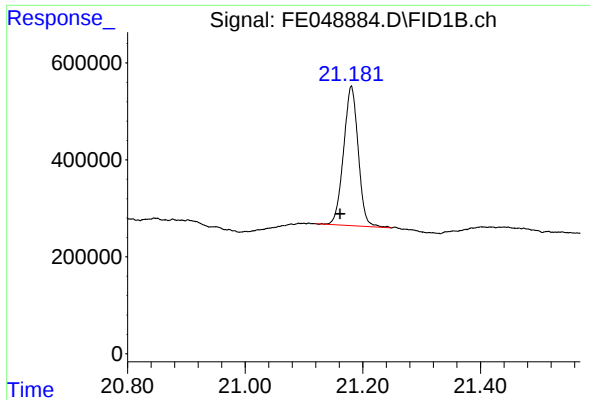
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.013 min
Response: 4937645
Conc: 35.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: 0.014 min
Response: 4605422
Conc: 35.44 ug/ml m



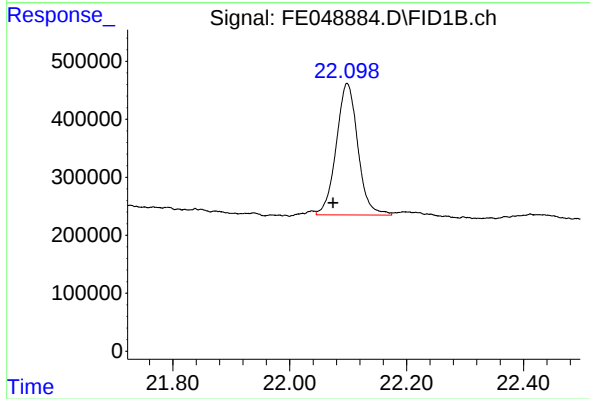
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.019 min
Response: 4956432
Conc: 38.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.024 min
Response: 5808849
Conc: 47.43 ug/ml m