

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
 Data File : FE048902.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2024 18:41
 Operator : YP\AJ
 Sample : P3064-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-062524MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :Ankita Jodhani 06/27/2024

Integration File: autoint1.e

Quant Time: Jun 27 02:01:05 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)	11.938	5159438	30.856 ug/ml
Spiked Amount 50.000		Recovery =	61.71%
12) S 1-chlorooctadecane (S...	13.373	4498444	34.983 ug/ml
Spiked Amount 50.000		Recovery =	69.97%
Target Compounds			
1) T n-Nonane (C9)	3.325	3896867	25.920 ug/ml
2) T n-Decane (C10)	4.574	4475933	29.085 ug/ml
3) T A~Naphthalene (C11.7)	6.279	5160050	32.504 ug/ml
4) T n-Dodecane (C12)	6.739	4753777	30.794 ug/ml
5) T A~2-methylnaphthalene...	7.376	5401583	35.669 ug/ml
6) T n-Tetradecane (C14)	8.568	5363994	34.998 ug/ml
7) T n-Hexadecane (C16)	10.175	5563041	35.579 ug/ml
8) T n-Octadecane (C18)	11.618	5584340	35.014 ug/ml
10) T n-Eicosane (C20)	12.927	5626700	36.293 ug/ml
11) T n-Heneicosane (C21)	13.539	5393433	35.421 ug/ml
13) T n-Docosane (C22)	14.126	5439250	35.966 ug/ml
14) T n-Tetracosane (C24)	15.223	9256311	61.594 ug/ml
15) T n-Hexacosane (C26)	16.249	5223130	35.379 ug/ml
16) T n-Octacosane (C28)	17.198	5415914	37.554 ug/ml
17) T n-Tricontane (C30)	18.087	5438860	37.176 ug/ml
18) T n-Dotriacontane (C32)	18.920	5568404	38.945 ug/ml
19) T n-Tetratriacontane (C34)	19.704	5281623	38.170 ug/ml
20) T n-Hexatriacontane (C36)	20.444	5015790	38.593 ug/mlm
21) T n-Octatriacontane (C38)	21.184	5266301	41.080 ug/ml
22) T n-Tetracontane (C40)	22.106	5663801	46.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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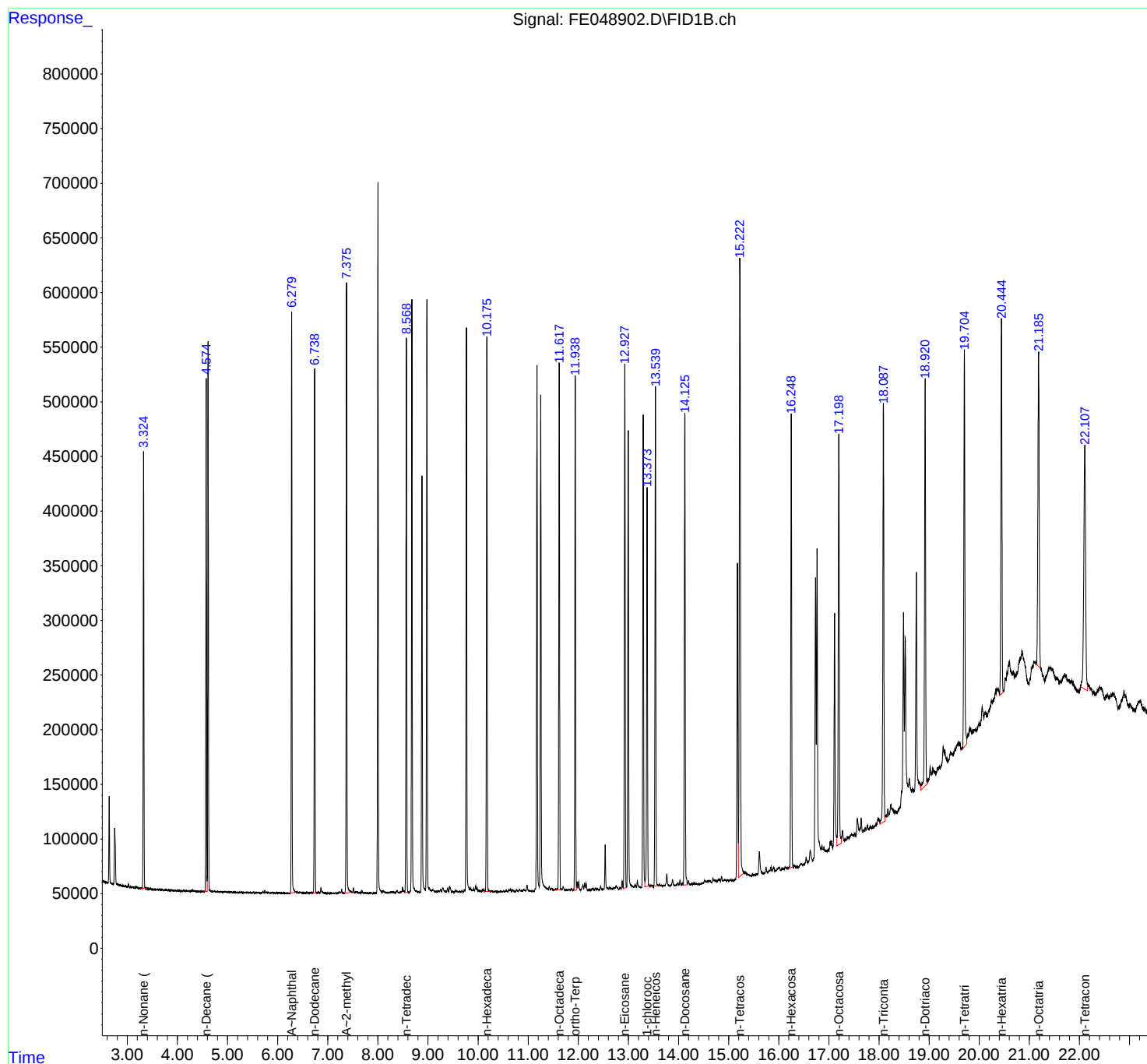
Instrument :
FID_E
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HD-02-062524MS

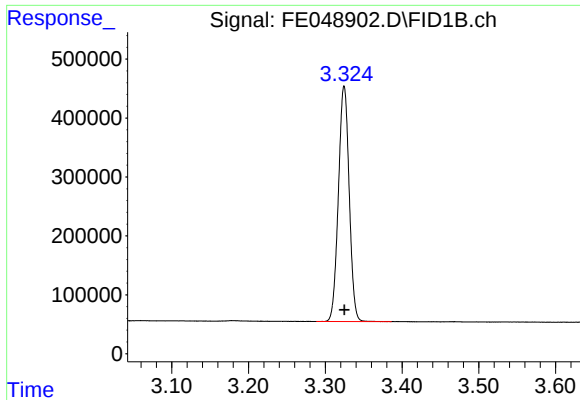
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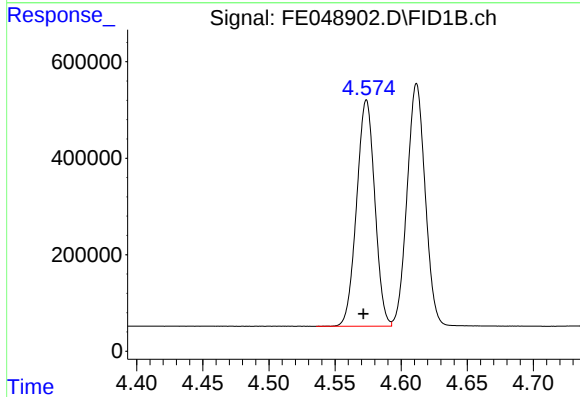
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 3896867
Conc: 25.92 ug/ml

Instrument :
FID_E
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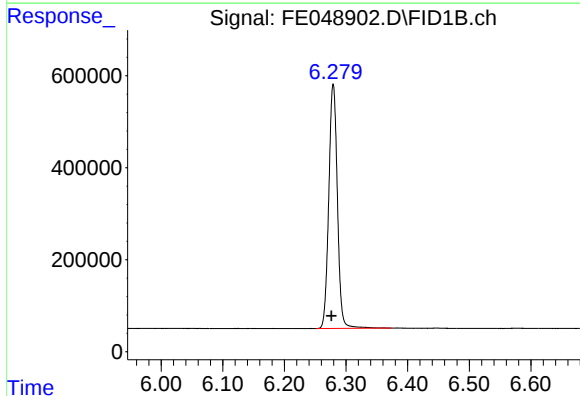
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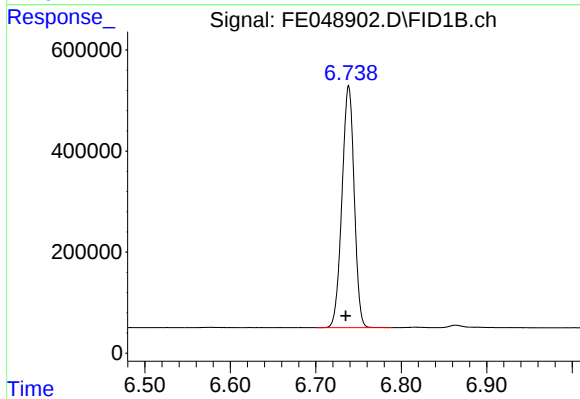
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 4475933
Conc: 29.09 ug/ml



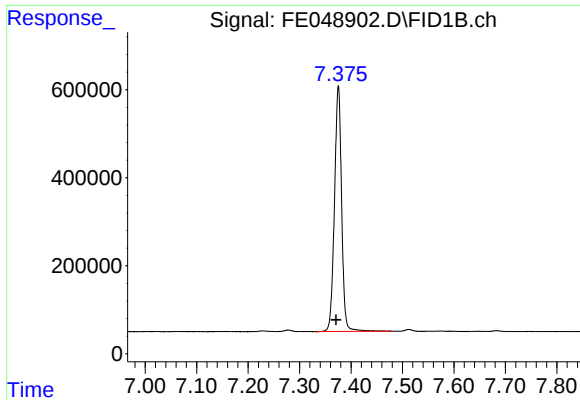
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 5160050
Conc: 32.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.003 min
Response: 4753777
Conc: 30.79 ug/ml



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

R.T.: 7.376 min
Delta R.T.: 0.005 min
Response: 5401583
Conc: 35.67 ug/ml

Instrument :

FID_E

ClientSampleId :

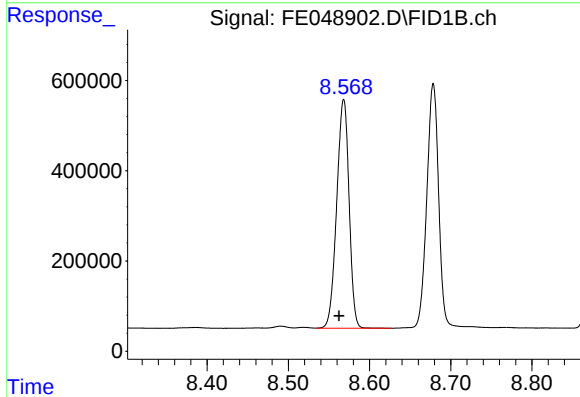
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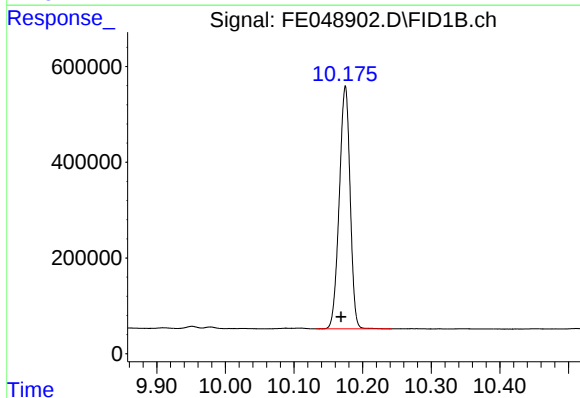
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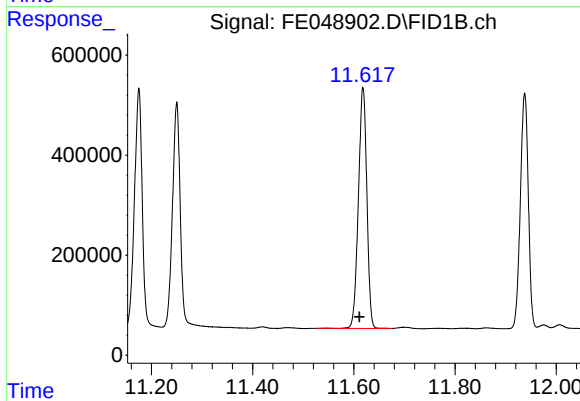
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.006 min
Response: 5363994
Conc: 35.00 ug/ml



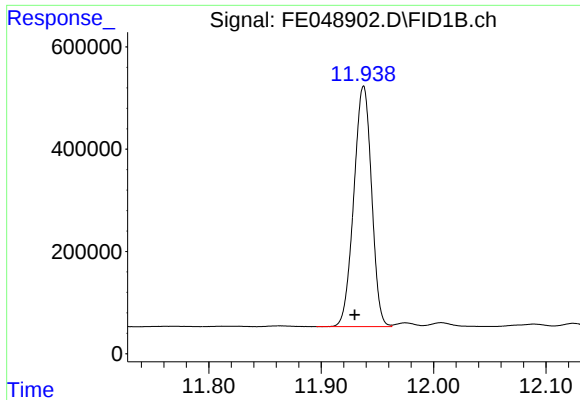
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.006 min
Response: 5563041
Conc: 35.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.007 min
Response: 5584340
Conc: 35.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.008 min
Response: 5159438
Conc: 30.86 ug/ml

Instrument :

FID_E

ClientSampleId :

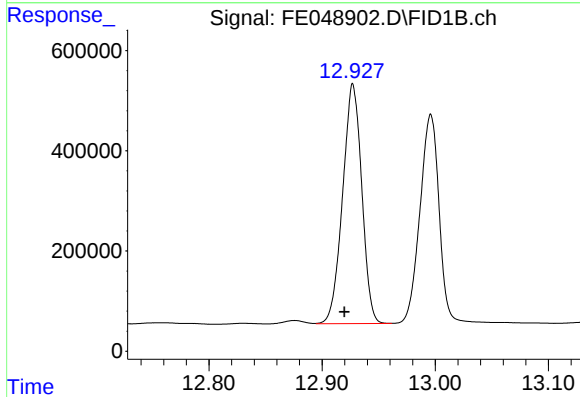
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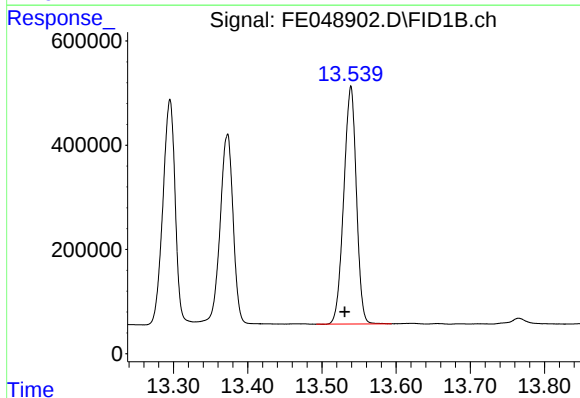
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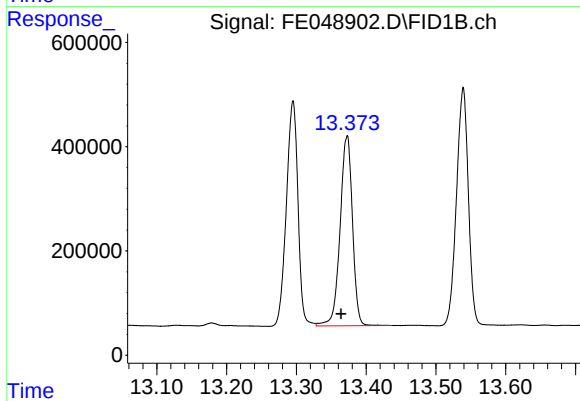
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.008 min
Response: 5626700
Conc: 36.29 ug/ml



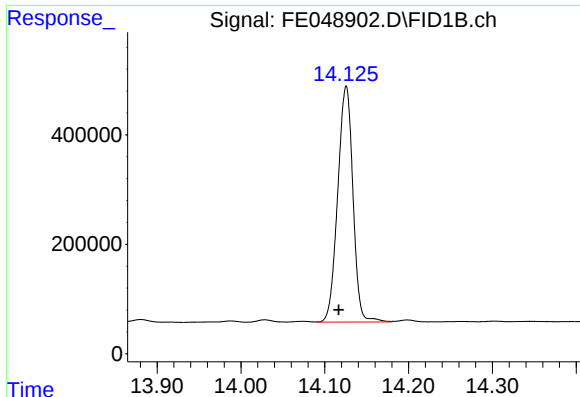
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.008 min
Response: 5393433
Conc: 35.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 4498444
Conc: 34.98 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.009 min
Response: 5439250
Conc: 35.97 ug/ml

Instrument :

FID_E

ClientSampleId :

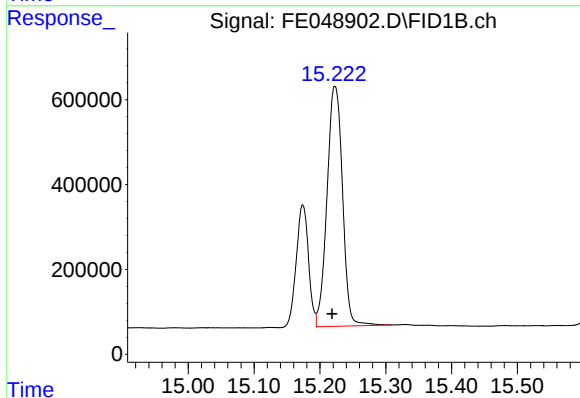
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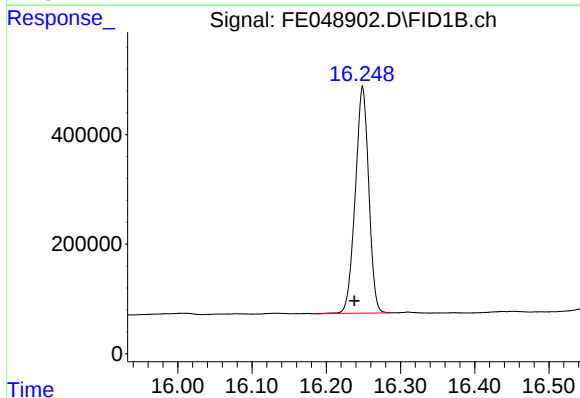
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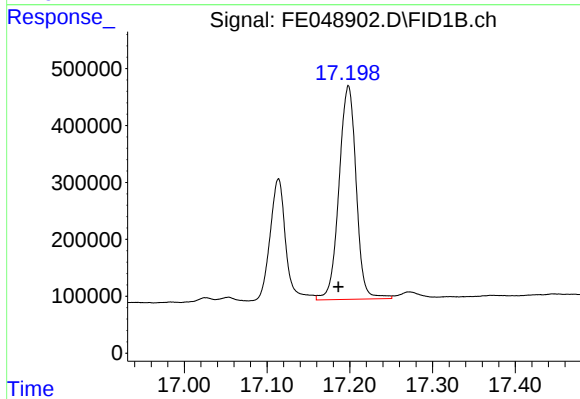
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.004 min
Response: 9256311
Conc: 61.59 ug/ml



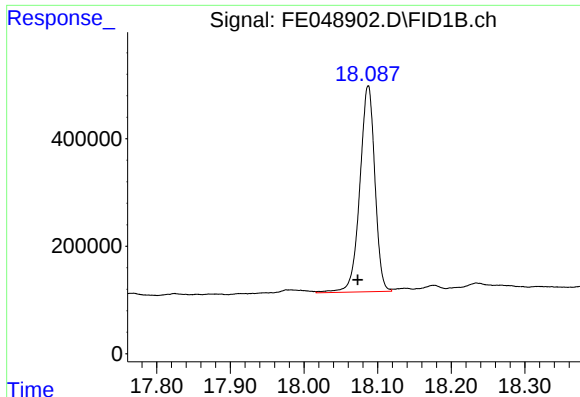
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.011 min
Response: 5223130
Conc: 35.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: 0.012 min
Response: 5415914
Conc: 37.55 ug/ml



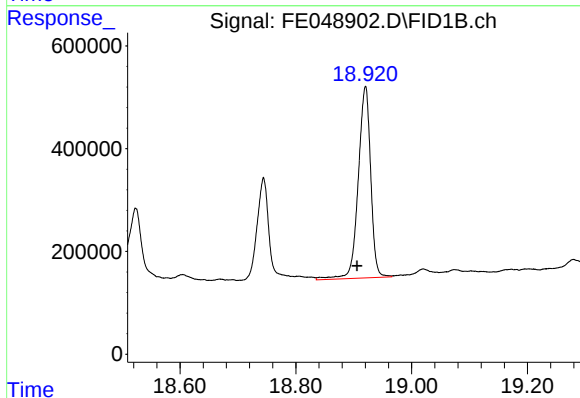
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: 0.014 min
Response: 5438860
Conc: 37.18 ug/ml

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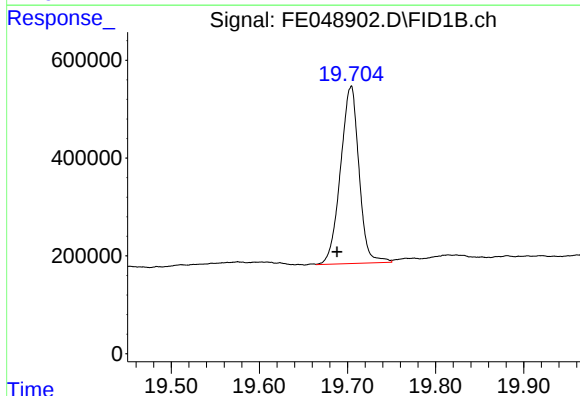
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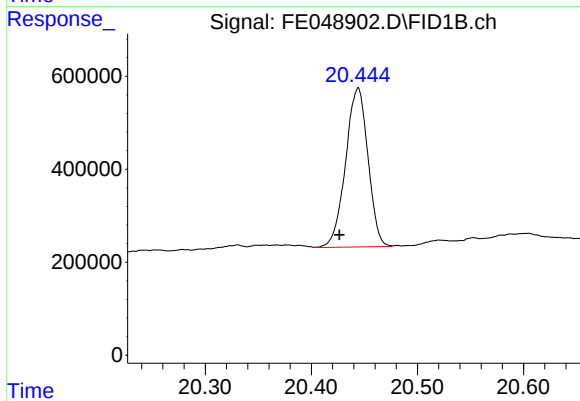
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.015 min
Response: 5568404
Conc: 38.95 ug/ml



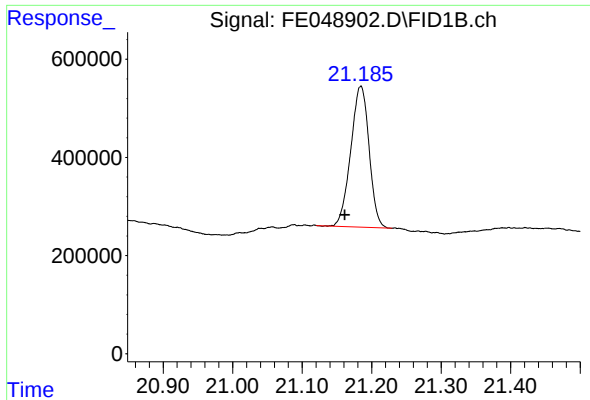
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.016 min
Response: 5281623
Conc: 38.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: 0.018 min
Response: 5015790
Conc: 38.59 ug/ml m



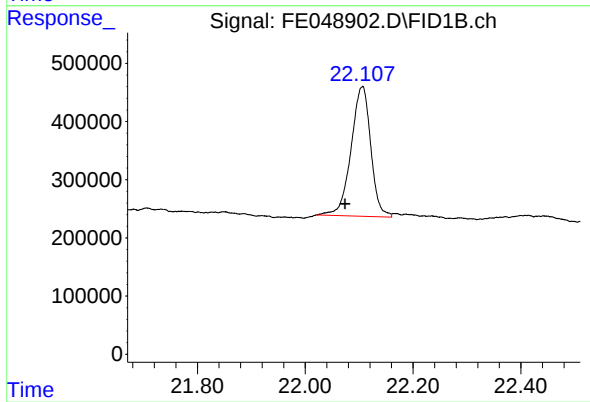
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.023 min
Response: 5266301
Conc: 41.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.032 min
Response: 5663801
Conc: 46.25 ug/ml