

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054923.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 13:24
 Operator : YP\AJ
 Sample : PB168910BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168910BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
 Quant Time: Jul 18 23:10:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.089	5475642	33.718 ug/ml
Spiked Amount 50.000		Recovery =	67.44%
12) S 1-chlorooctadecane (S...	13.523	4311906	34.142 ug/ml
Spiked Amount 50.000		Recovery =	68.28%
Target Compounds			
1) T n-Nonane (C9)	3.438	3969169	29.509 ug/ml
2) T n-Decane (C10)	4.690	4282888	31.388 ug/ml
3) T A~Naphthalene (C11.7)	6.406	5156549	34.056 ug/ml
4) T n-Dodecane (C12)	6.861	4497051	32.776 ug/ml
5) T A~2-methylnaphthalene...	7.506	4771602	32.459 ug/ml
6) T n-Tetradecane (C14)	8.698	4540489	32.753 ug/ml
7) T n-Hexadecane (C16)	10.312	4585523	32.177 ug/ml
8) T n-Octadecane (C18)	11.761	4539719	30.976 ug/ml
10) T n-Eicosane (C20)	13.076	4634621	32.231 ug/ml
11) T n-Heneicosane (C21)	13.690	4423817	30.972 ug/ml
13) T n-Docosane (C22)	14.278	4364946	30.569 ug/ml
14) T n-Tetracosane (C24)	15.383	9081627	62.475 ug/ml
15) T n-Hexacosane (C26)	16.409	4262247	29.453 ug/ml
16) T n-Octacosane (C28)	17.359	4227503	29.008 ug/ml
17) T n-Tricontane (C30)	18.250	4311492	27.360 ug/ml
18) T n-Dotriacontane (C32)	19.082	4311732	26.651 ug/ml
19) T n-Tetratriacontane (C34)	19.868	4549901	29.857 ug/ml
20) T n-Hexatriacontane (C36)	20.610	4333896	32.233 ug/ml
21) T n-Octatriacontane (C38)	21.390	4535365	38.670 ug/ml
22) T n-Tetracontane (C40)	22.385	4455563	41.109 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168910BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

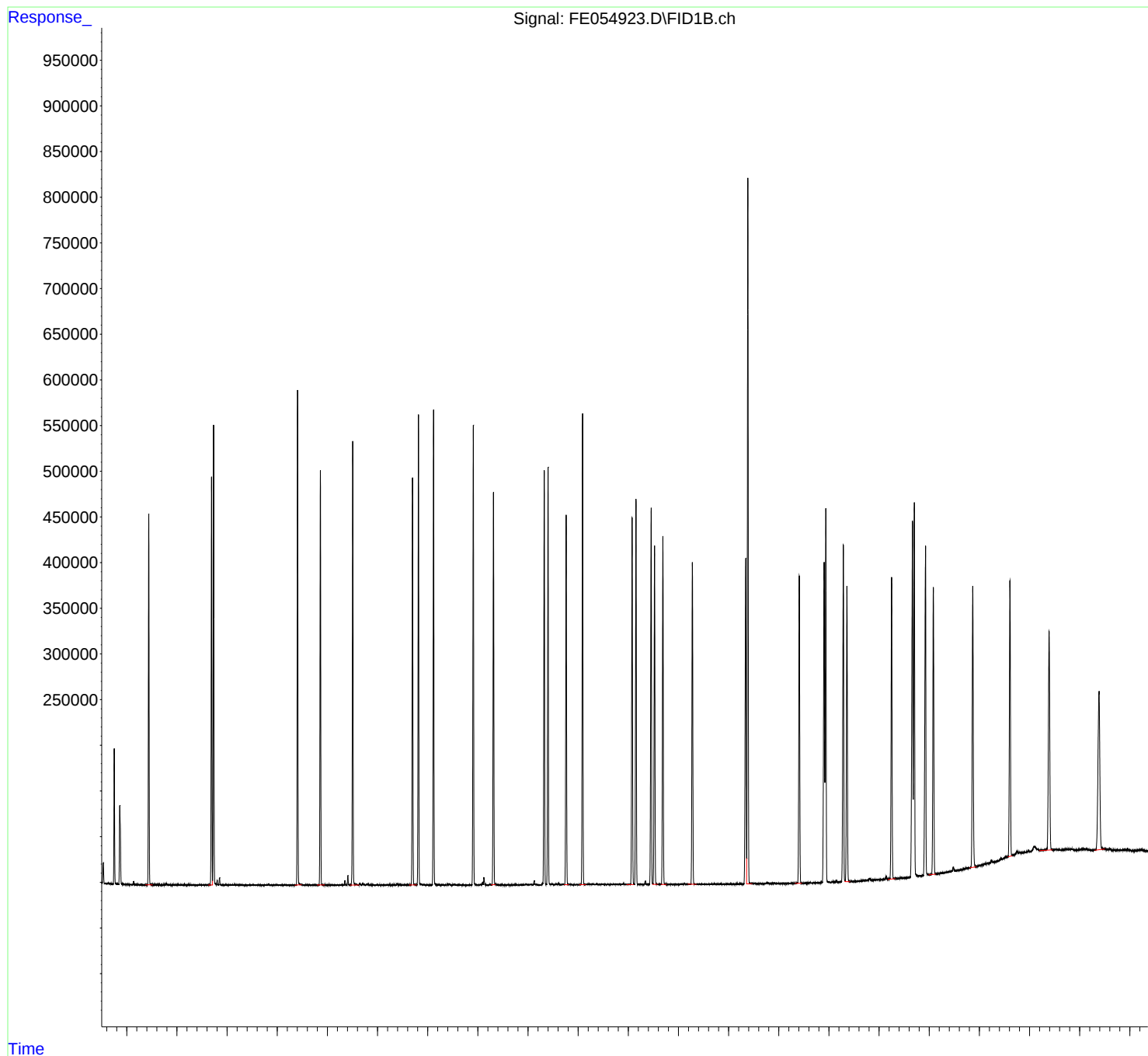
Instrument :
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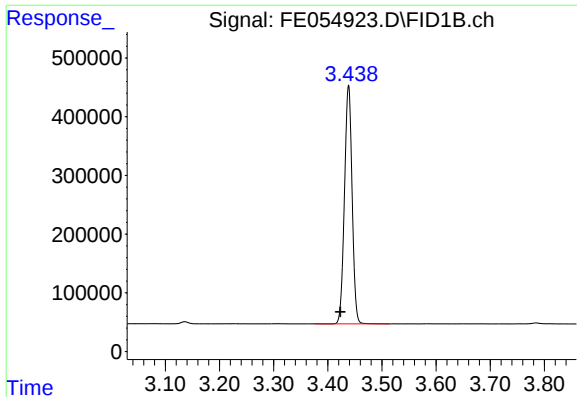
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: 0.015 min
Response: 3969169
Conc: 29.51 ug/ml

Instrument :

FID_E

ClientSampleId :

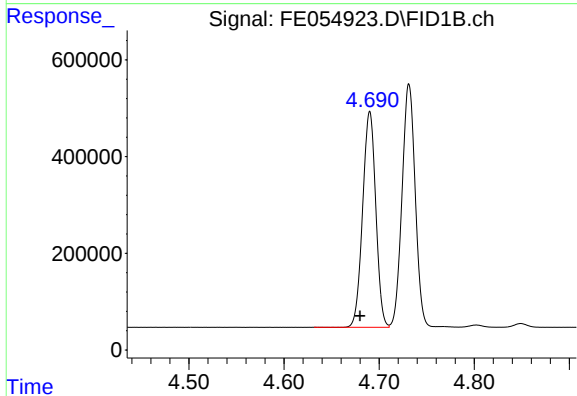
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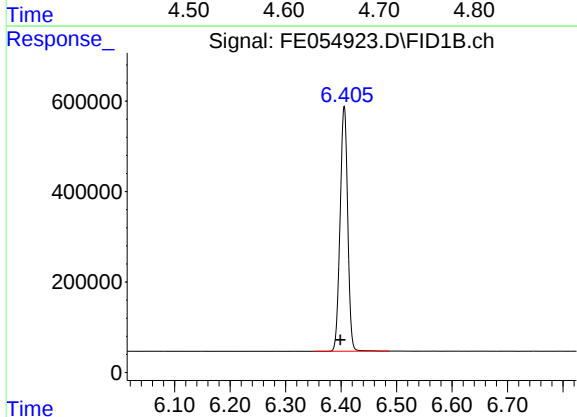
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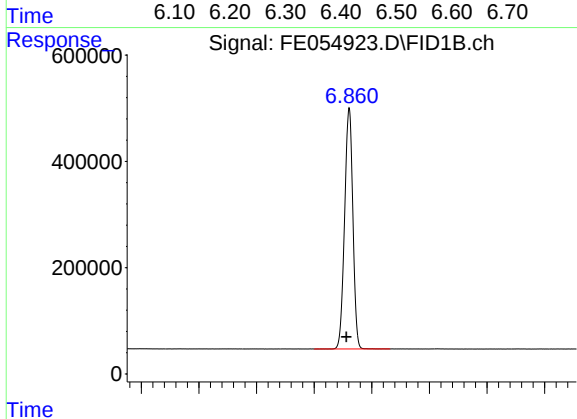
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.010 min
Response: 4282888
Conc: 31.39 ug/ml



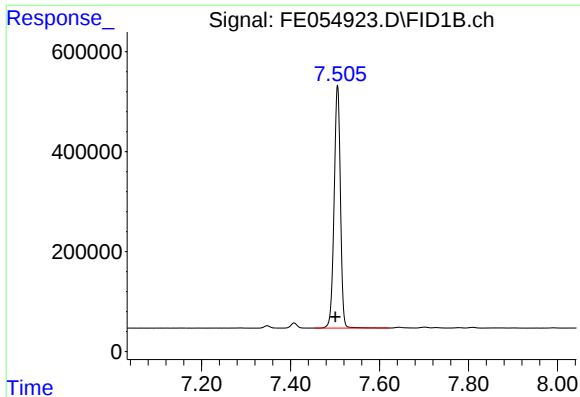
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 5156549
Conc: 34.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 4497051
Conc: 32.78 ug/ml



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

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 4771602
Conc: 32.46 ug/ml

Instrument :

FID_E

ClientSampleId :

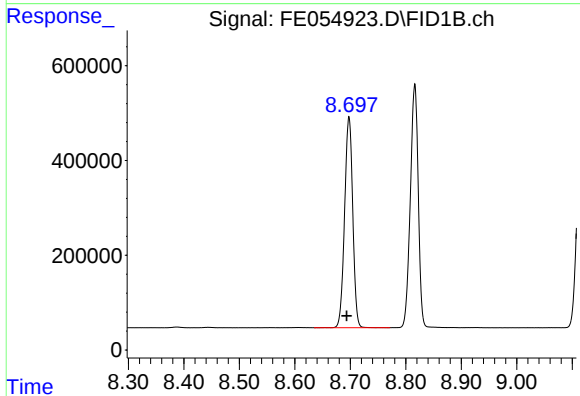
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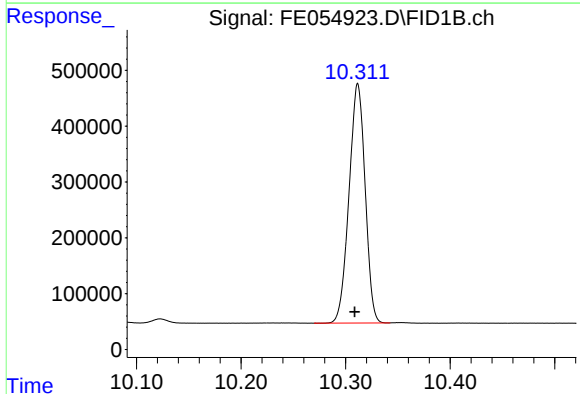
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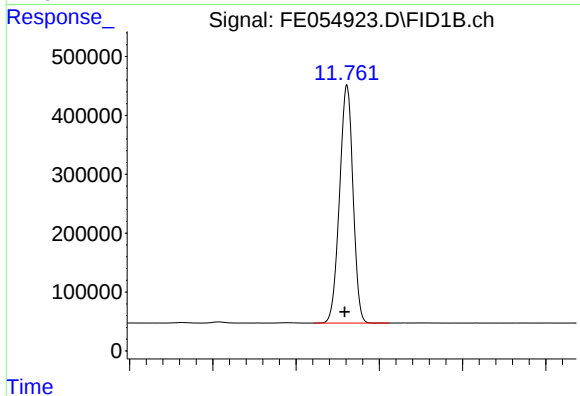
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 4540489
Conc: 32.75 ug/ml



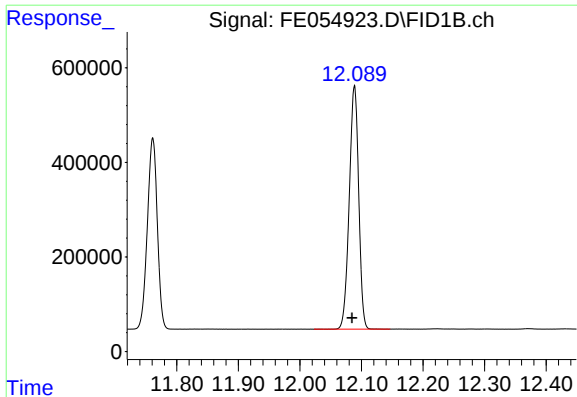
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 4585523
Conc: 32.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 4539719
Conc: 30.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 5475642
Conc: 33.72 ug/ml

Instrument :

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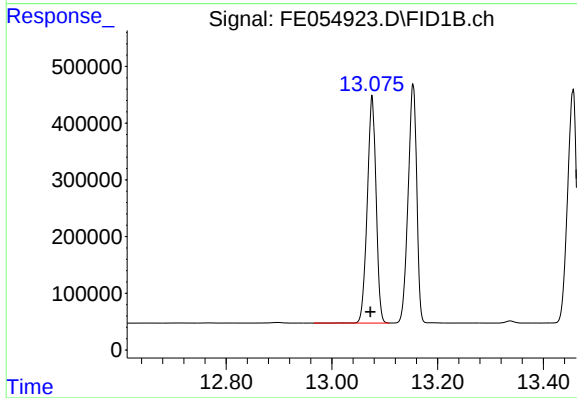
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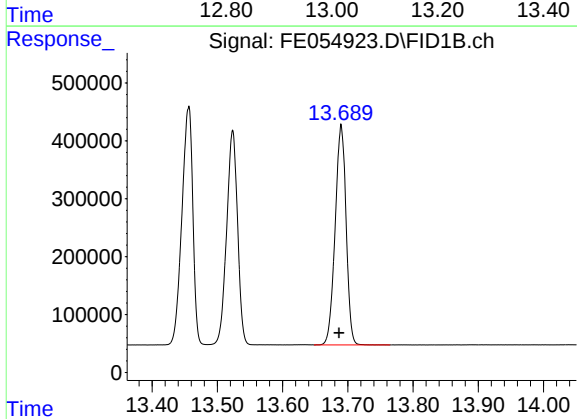
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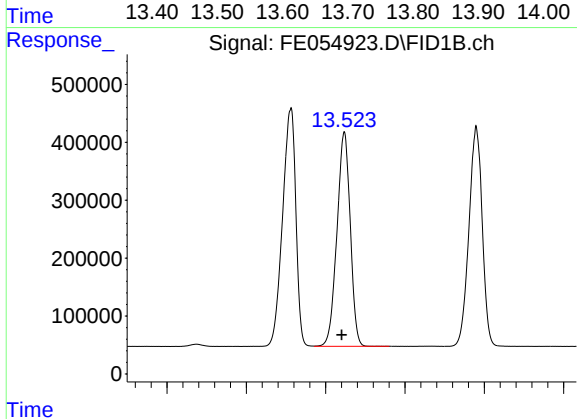
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 4634621
Conc: 32.23 ug/ml



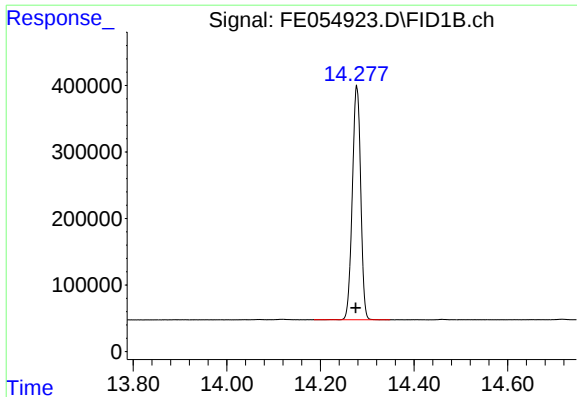
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 4423817
Conc: 30.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 4311906
Conc: 34.14 ug/ml



#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.002 min
Response: 4364946
Conc: 30.57 ug/ml

Instrument :

FID_E

ClientSampleId :

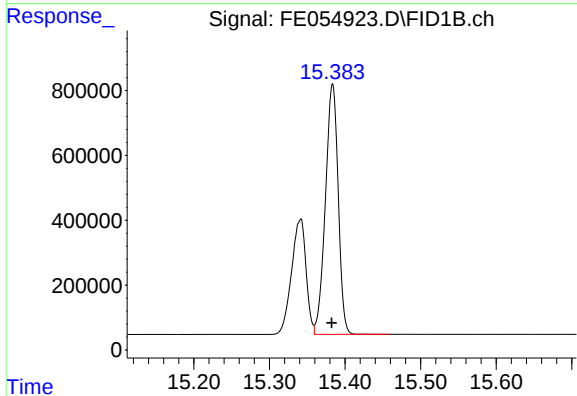
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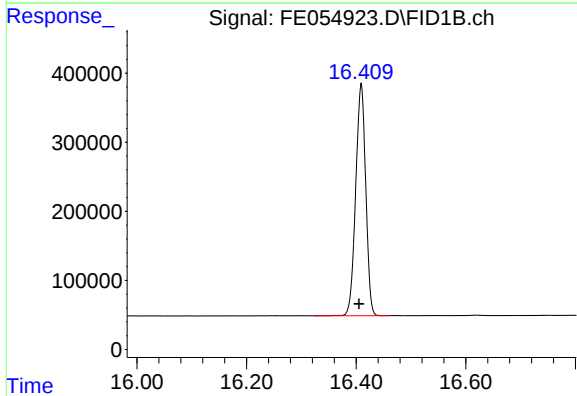
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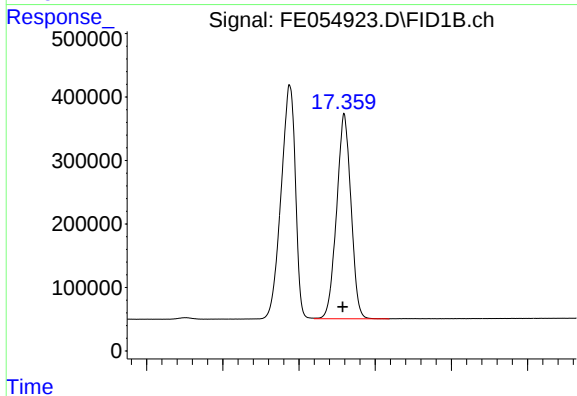
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 9081627
Conc: 62.47 ug/ml



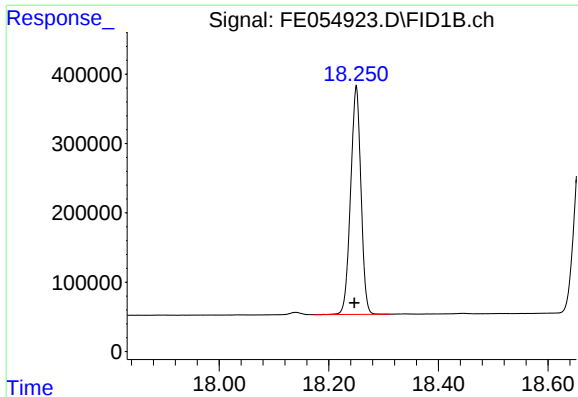
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 4262247
Conc: 29.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 4227503
Conc: 29.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 4311492
Conc: 27.36 ug/ml

Instrument :

FID_E

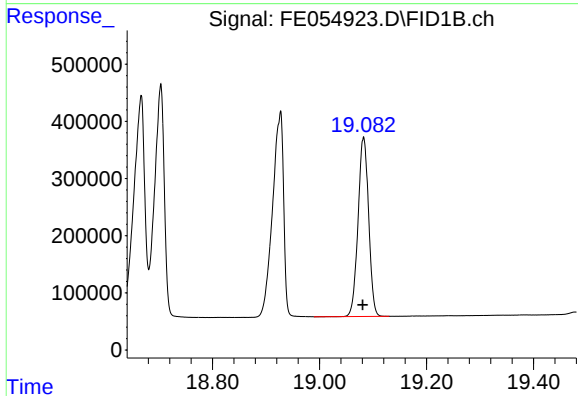
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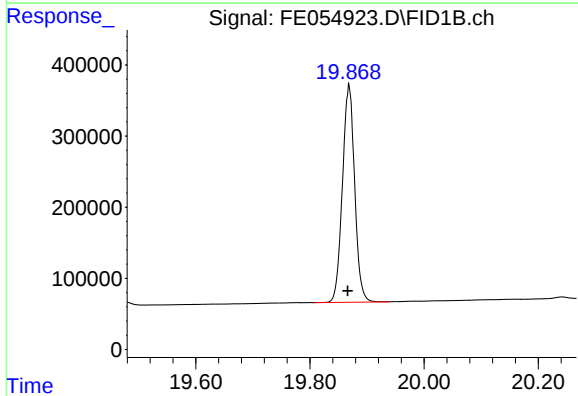
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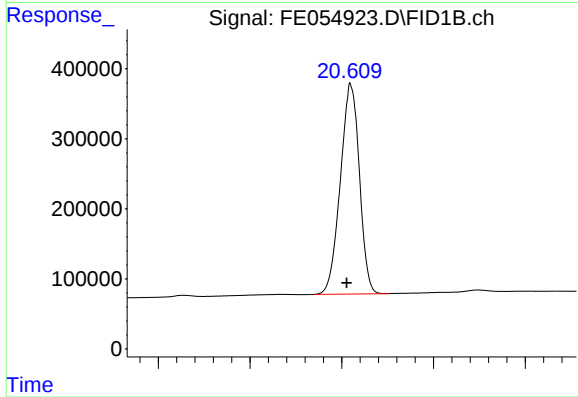
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.002 min
Response: 4311732
Conc: 26.65 ug/ml



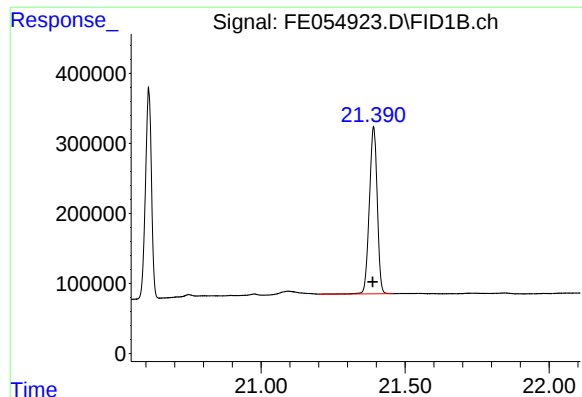
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 4549901
Conc: 29.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.610 min
Delta R.T.: 0.004 min
Response: 4333896
Conc: 32.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.003 min
Response: 4535365
Conc: 38.67 ug/ml

Instrument :

FID_E

ClientSampleId :

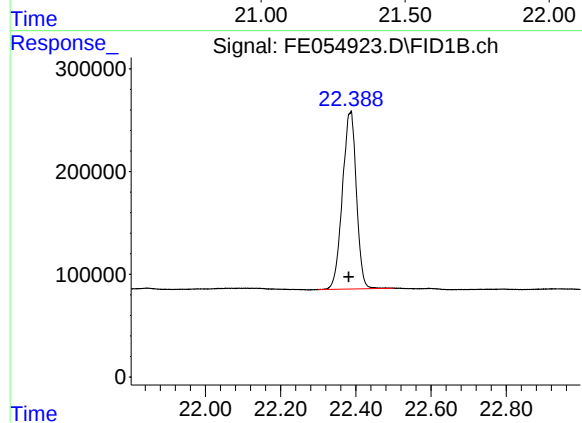
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#22 n-Tetracontane (C40)

R.T.: 22.385 min
Delta R.T.: 0.004 min
Response: 4455563
Conc: 41.11 ug/ml