

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048885.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 16:56
 Operator : YP\AJ
 Sample : P3047-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

EO-01-062424MSD

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 01:30:38 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)	11.937	4634240	27.715 ug/ml
Spiked Amount 50.000		Recovery =	55.43%
12) S 1-chlorooctadecane (S...	13.371	4635811	36.051 ug/ml
Spiked Amount 50.000		Recovery =	72.10%
Target Compounds			
1) T n-Nonane (C9)	3.324	3274067	21.777 ug/ml
2) T n-Decane (C10)	4.573	3875567	25.184 ug/ml
3) T A~Naphthalene (C11.7)	6.279	4627186	29.147 ug/ml
4) T n-Dodecane (C12)	6.738	4197589	27.191 ug/ml
5) T A~2-methylnaphthalene...	7.375	4830940	31.901 ug/ml
6) T n-Tetradecane (C14)	8.568	4735170	30.896 ug/ml
7) T n-Hexadecane (C16)	10.174	5060097	32.362 ug/ml
8) T n-Octadecane (C18)	11.618	5281150	33.113 ug/ml
10) T n-Eicosane (C20)	12.927	5817035	37.521 ug/ml
11) T n-Heneicosane (C21)	13.538	5248505	34.470 ug/ml
13) T n-Docosane (C22)	14.124	5126556	33.898 ug/ml
14) T n-Tetracosane (C24)	15.220	9276989	61.731 ug/ml
15) T n-Hexacosane (C26)	16.249	4960546	33.601 ug/ml
16) T n-Octacosane (C28)	17.197	5053517	35.041 ug/mlm
17) T n-Tricontane (C30)	18.085	4877492	33.339 ug/mlm
18) T n-Dotriacontane (C32)	18.917	4947049	34.600 ug/mlm
19) T n-Tetratriacontane (C34)	19.704	4911206	35.493 ug/ml
20) T n-Hexatriacontane (C36)	20.443	4765384	36.666 ug/mlm
21) T n-Octatriacontane (C38)	21.184	4956666	38.665 ug/mlm
22) T n-Tetracontane (C40)	22.102	6009593	49.074 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3047-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

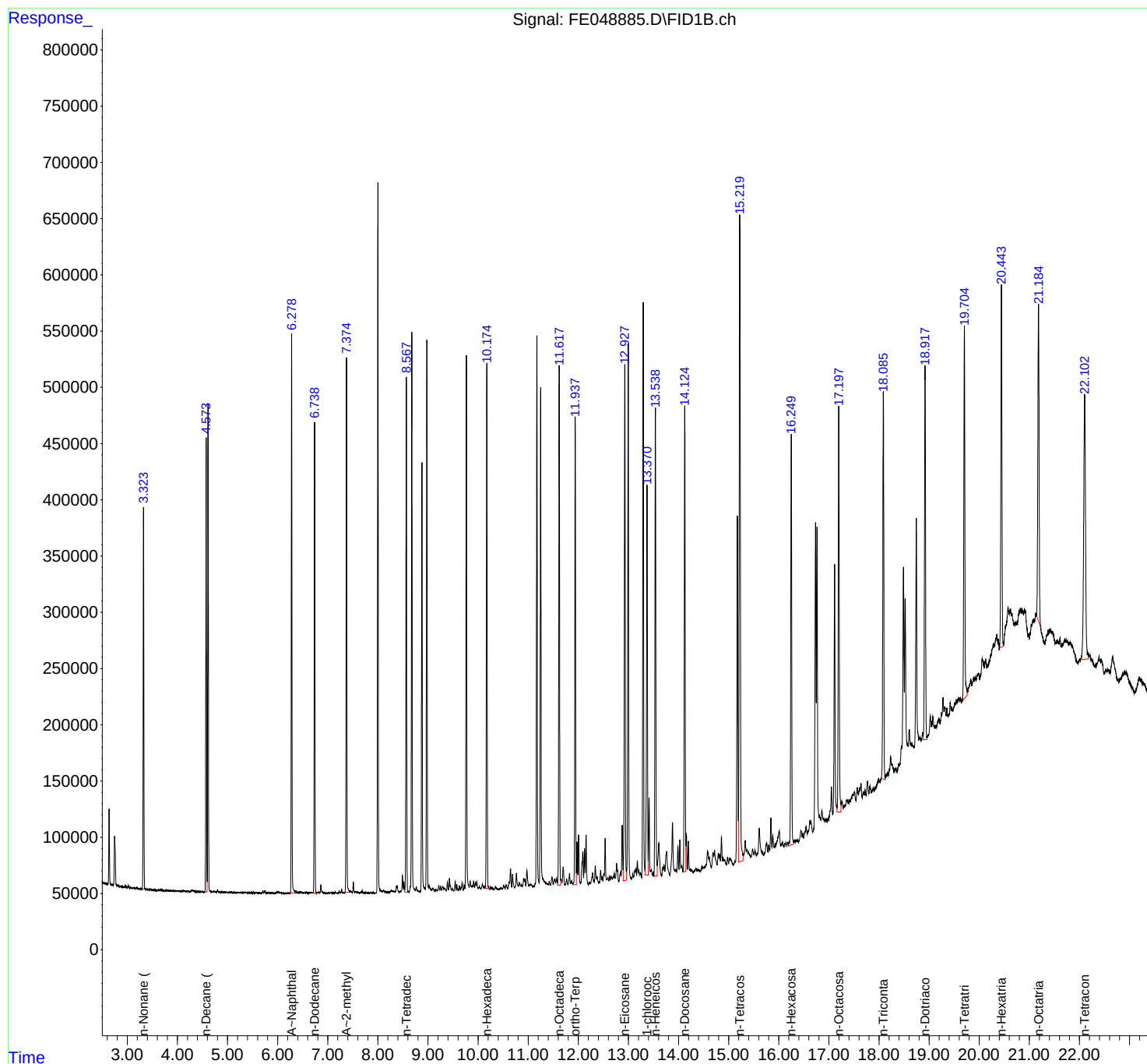
Instrument :
FID_E
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EO-01-062424MSD

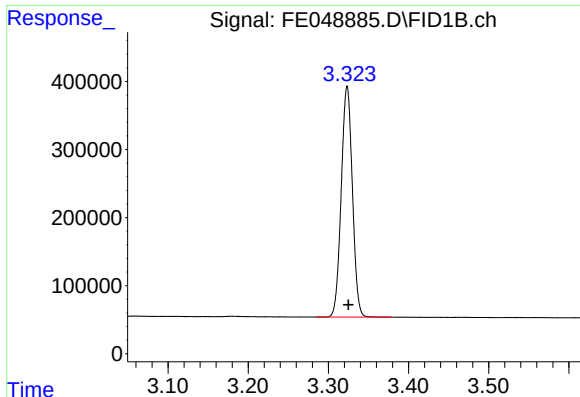
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Integration File: sample.E
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.001 min
Response: 3274067
Conc: 21.78 ug/ml

Instrument :

FID_E

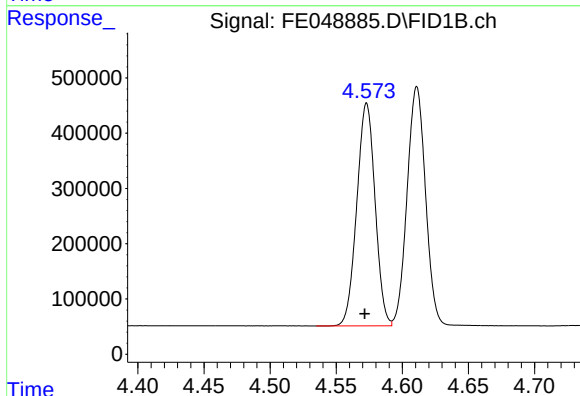
ClientSampleId :

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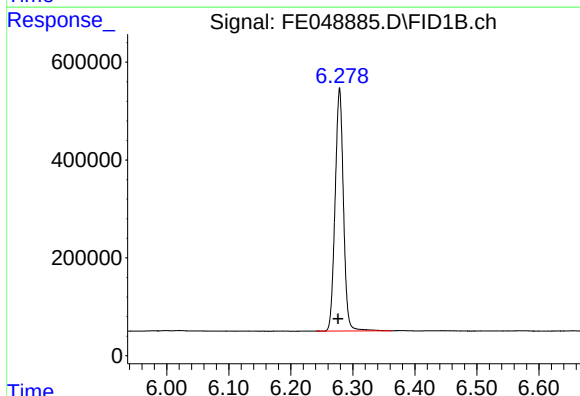
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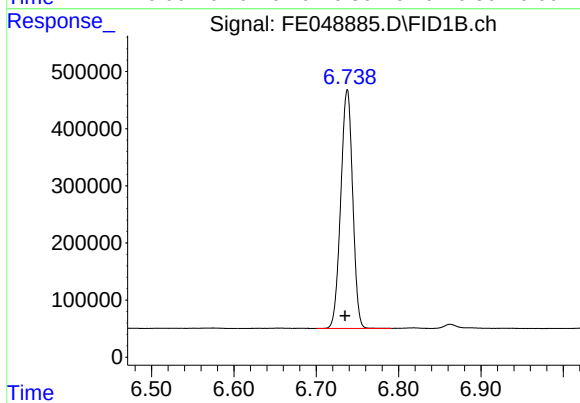
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.002 min
Response: 3875567
Conc: 25.18 ug/ml



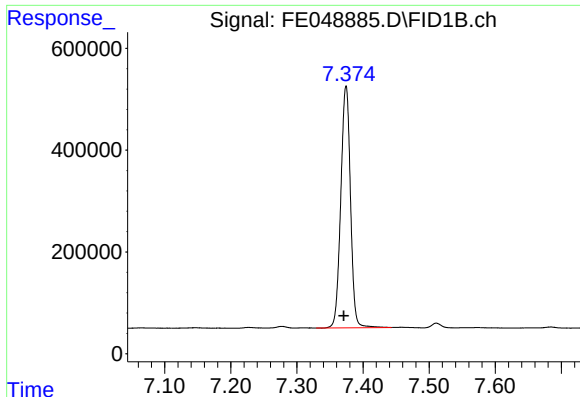
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 4627186
Conc: 29.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: 0.003 min
Response: 4197589
Conc: 27.19 ug/ml



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

R.T.: 7.375 min
Delta R.T.: 0.004 min
Response: 4830940
Conc: 31.90 ug/ml

Instrument :

FID_E

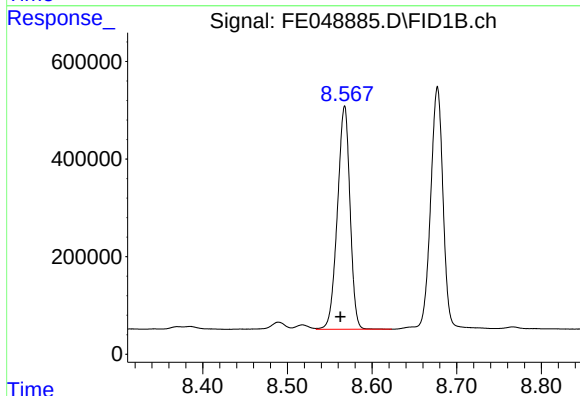
ClientSampleId :

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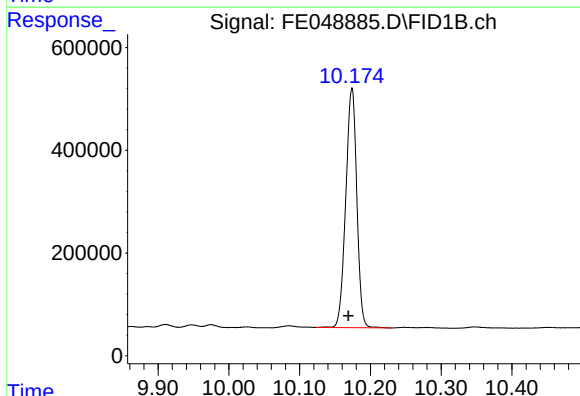
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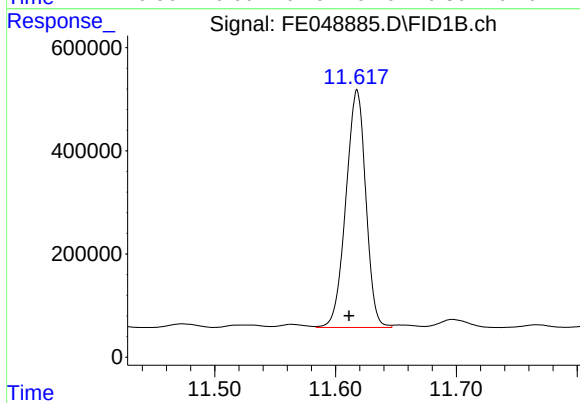
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.005 min
Response: 4735170
Conc: 30.90 ug/ml



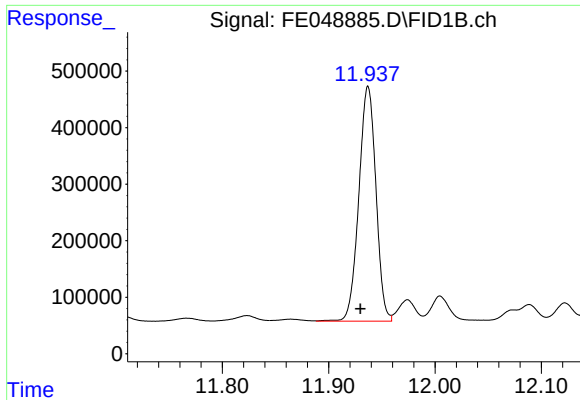
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 5060097
Conc: 32.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.007 min
Response: 5281150
Conc: 33.11 ug/ml



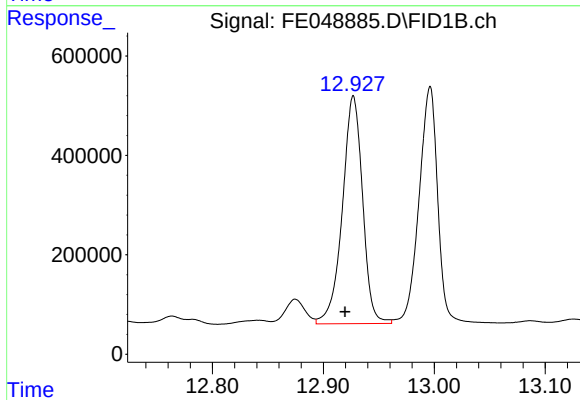
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: 0.007 min
Response: 4634240
Conc: 27.72 ug/ml

Instrument :
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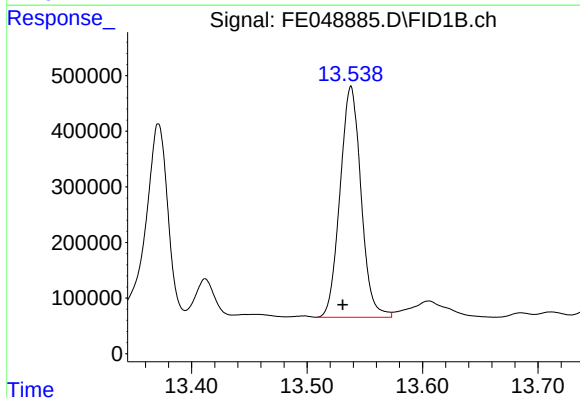
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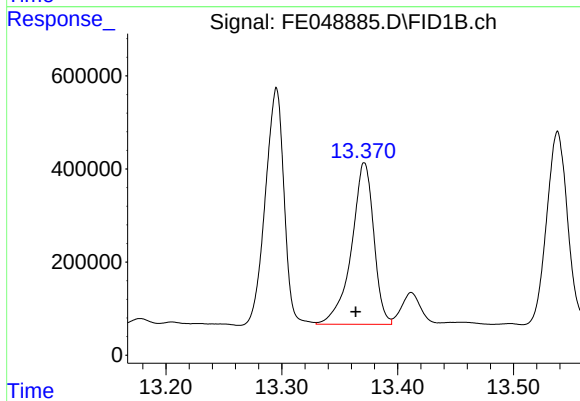
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.008 min
Response: 5817035
Conc: 37.52 ug/ml



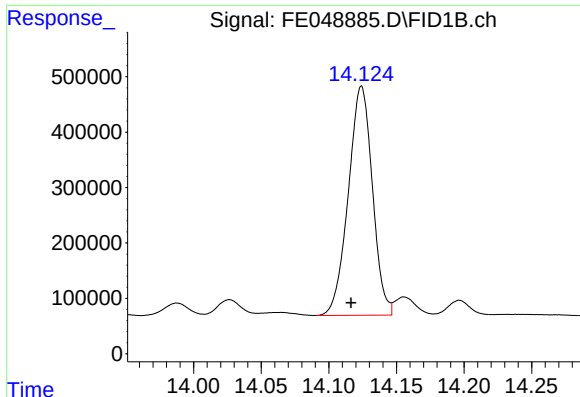
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.007 min
Response: 5248505
Conc: 34.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.007 min
Response: 4635811
Conc: 36.05 ug/ml



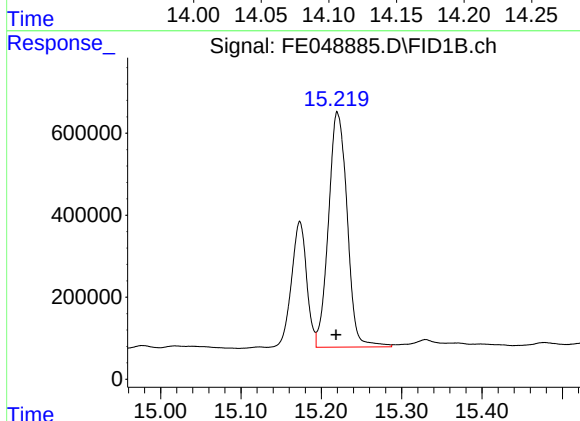
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.008 min
Response: 5126556
Conc: 33.90 ug/ml

Instrument :
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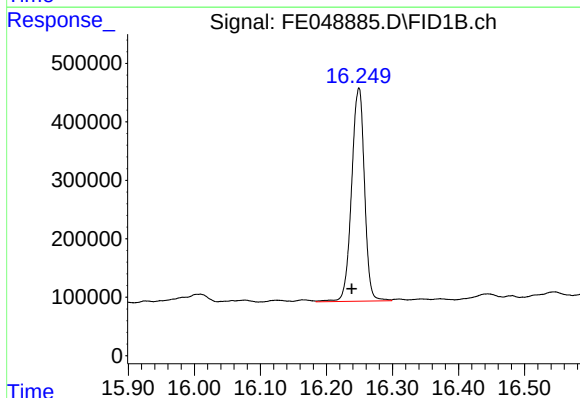
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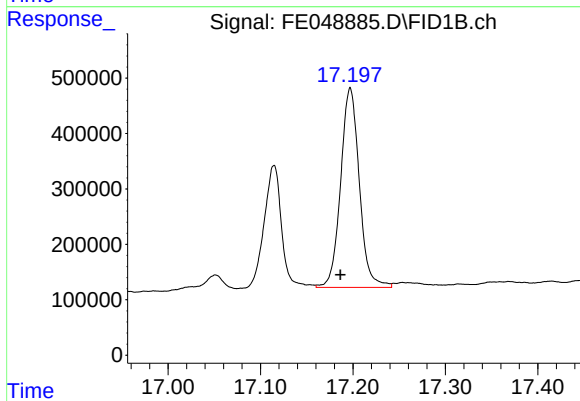
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.002 min
Response: 9276989
Conc: 61.73 ug/ml



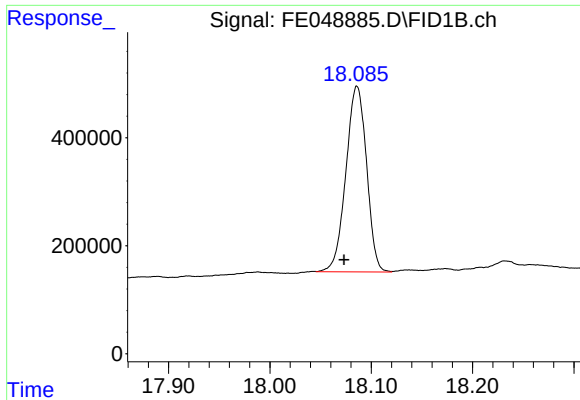
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.011 min
Response: 4960546
Conc: 33.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: 0.010 min
Response: 5053517
Conc: 35.04 ug/ml m



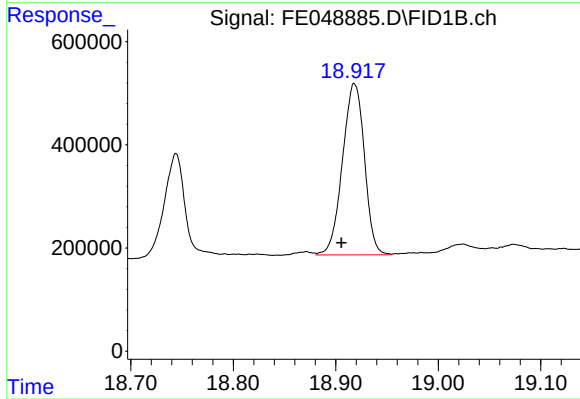
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: 0.012 min
Response: 4877492
Conc: 33.34 ug/ml

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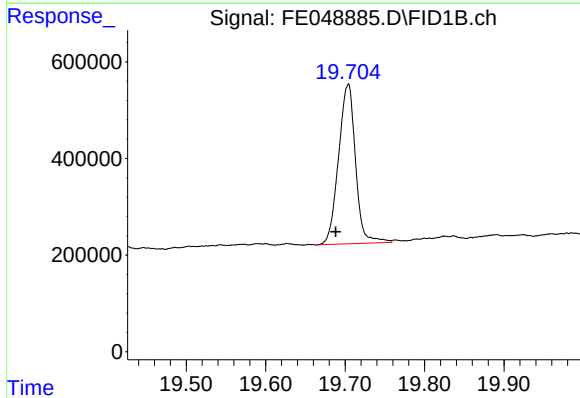
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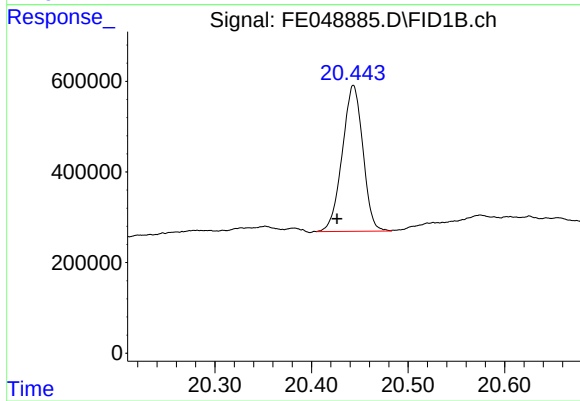
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.012 min
Response: 4947049
Conc: 34.60 ug/ml m



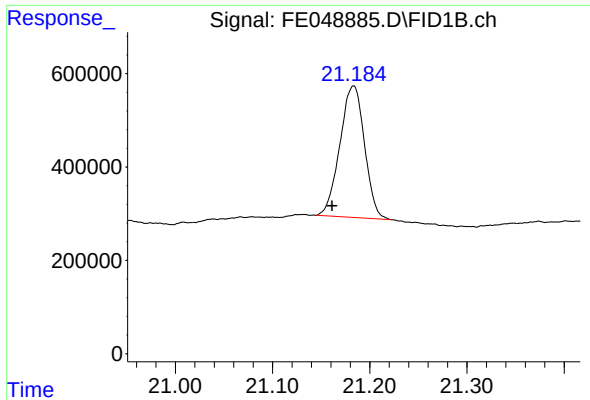
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.016 min
Response: 4911206
Conc: 35.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: 0.017 min
Response: 4765384
Conc: 36.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.023 min
Response: 4956666
Conc: 38.66 ug/ml

Instrument :

FID_E

ClientSampleId :

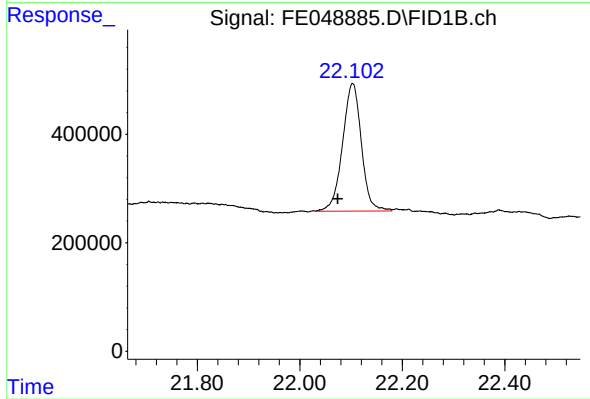
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.028 min
Response: 6009593
Conc: 49.07 ug/ml m