

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060424AL\
 Data File : FE048546.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2024 19:09
 Operator : YP\AJ
 Sample : P2704-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPOMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e
 Quant Time: Jun 05 01:53:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.947	4332175	30.169 ug/ml
Spiked Amount 50.000		Recovery =	60.34%
12) S 1-chlorooctadecane (S...	13.380	3802311	34.902 ug/ml
Spiked Amount 50.000		Recovery =	69.80%
Target Compounds			
1) T n-Nonane (C9)	3.339	4853493	32.464 ug/ml
2) T n-Decane (C10)	4.587	5529428	36.618 ug/ml
3) T A~Naphthalene (C11.7)	6.289	5958559	40.018 ug/ml
4) T n-Dodecane (C12)	6.749	5533379	37.381 ug/ml
5) T A~2-methylnaphthalene...	7.385	5996328	43.247 ug/ml
6) T n-Tetradecane (C14)	8.578	5747785	40.525 ug/ml
7) T n-Hexadecane (C16)	10.185	5979649	42.415 ug/ml
8) T n-Octadecane (C18)	11.628	6124002	44.094 ug/ml
10) T n-Eicosane (C20)	12.937	6190510	46.779 ug/ml
11) T n-Heneicosane (C21)	13.548	5981300	46.177 ug/ml
13) T n-Docosane (C22)	14.134	5968673	46.318 ug/ml
14) T n-Tetracosane (C24)	15.227	11010475	84.990 ug/ml
15) T n-Hexacosane (C26)	16.257	5968731	46.053 ug/ml
16) T n-Octacosane (C28)	17.204	6270429	48.513 ug/ml
17) T n-Tricontane (C30)	18.092	6185336	46.172 ug/ml
18) T n-Dotriacontane (C32)	18.921	6323864	46.588 ug/ml
19) T n-Tetratriacontane (C34)	19.705	6418043	46.915 ug/ml
20) T n-Hexatriacontane (C36)	20.444	6383216	46.958 ug/ml
21) T n-Octatriacontane (C38)	21.183	6601157	48.405 ug/ml
22) T n-Tetracontane (C40)	22.097	6335809	46.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 17 Sample Multiplier: 1

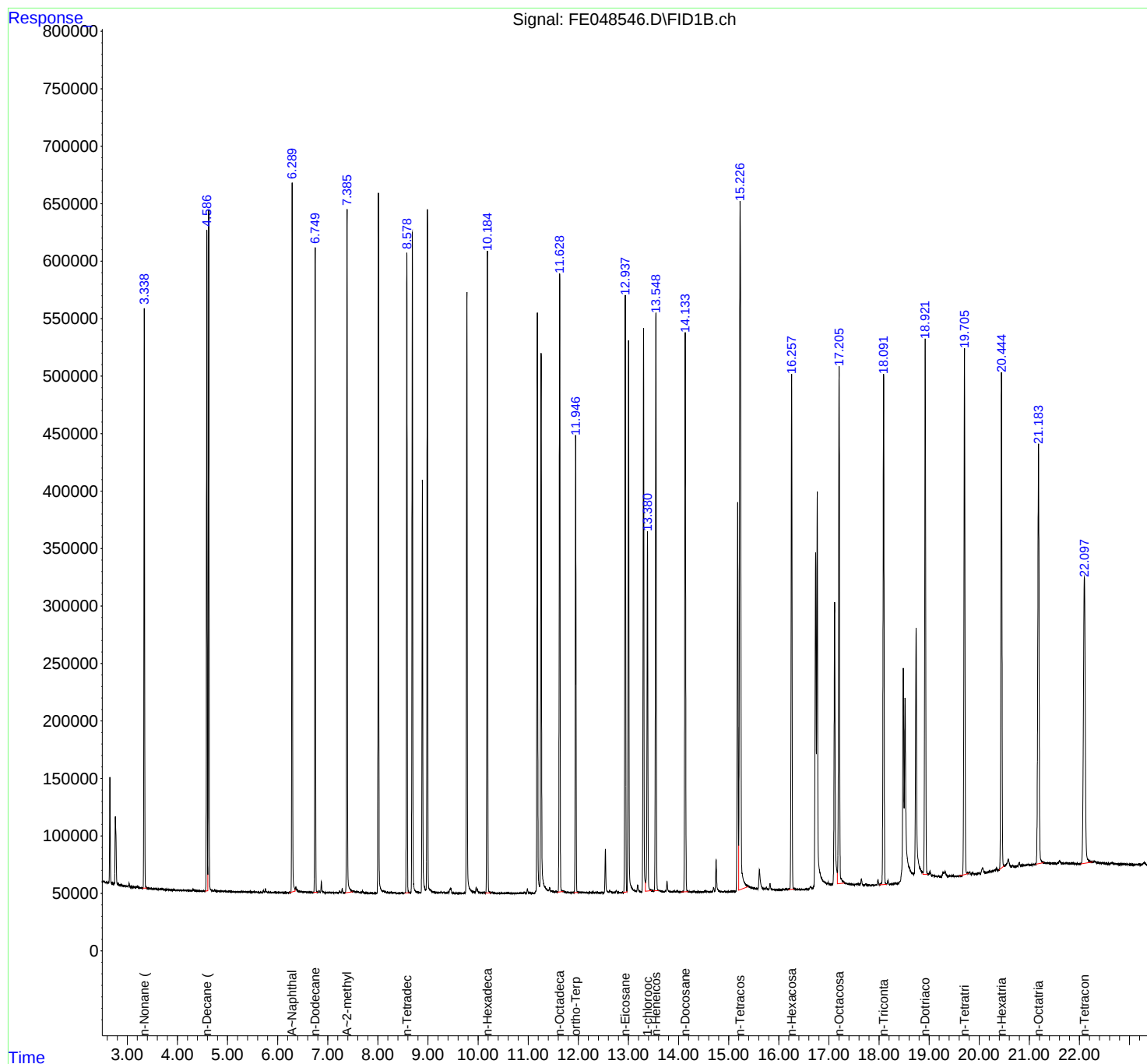
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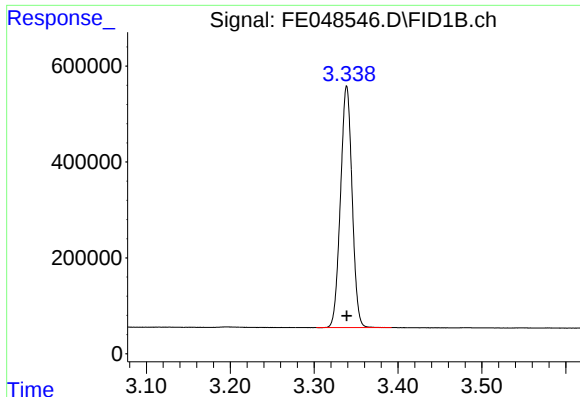
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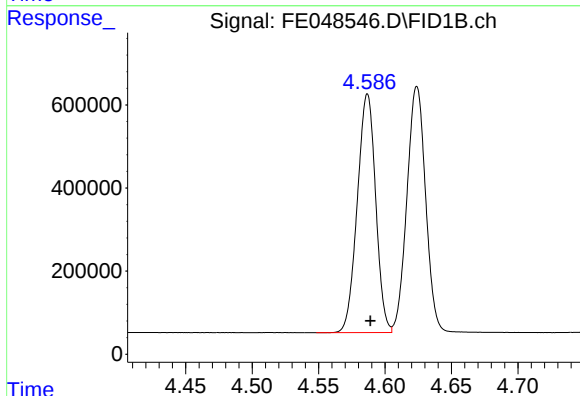
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: 0.000 min
Response: 4853493
Conc: 32.46 ug/ml

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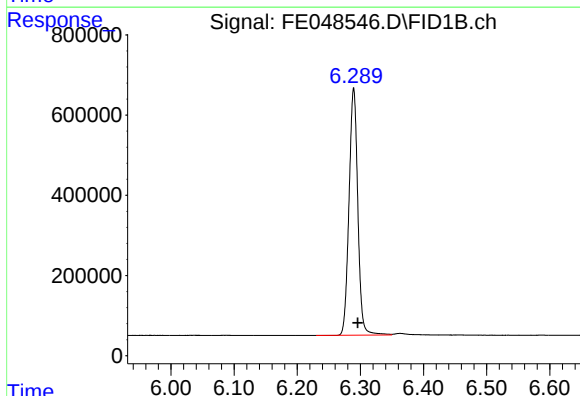
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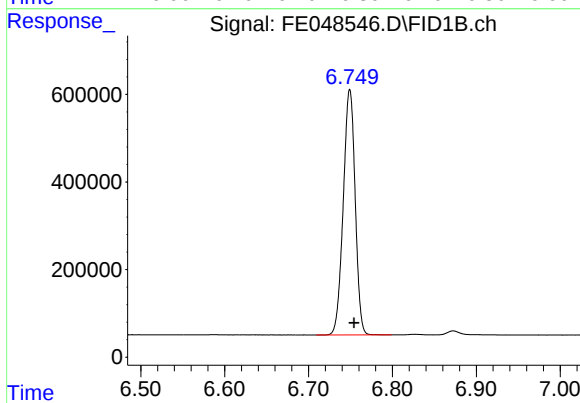
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 5529428
Conc: 36.62 ug/ml



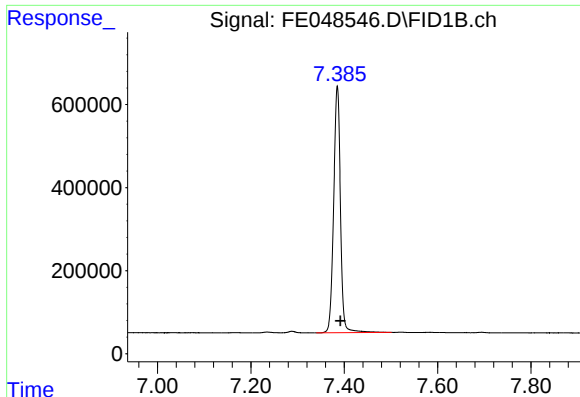
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 5958559
Conc: 40.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 5533379
Conc: 37.38 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 5996328
Conc: 43.25 ug/ml

Instrument :

FID_E

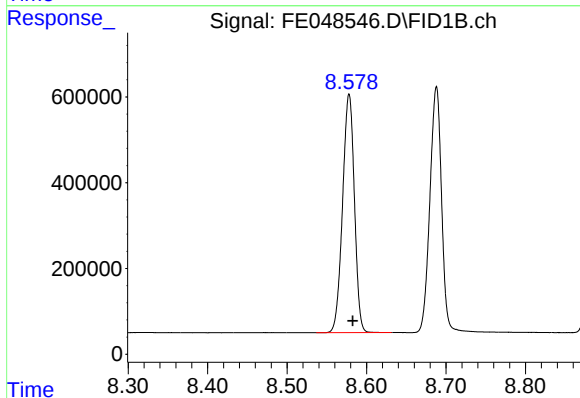
ClientSampleId :

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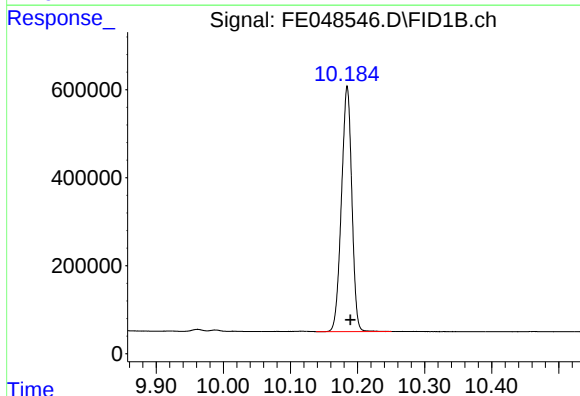
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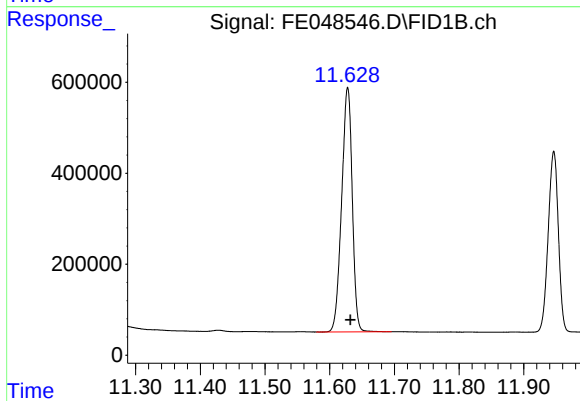
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 5747785
Conc: 40.52 ug/ml



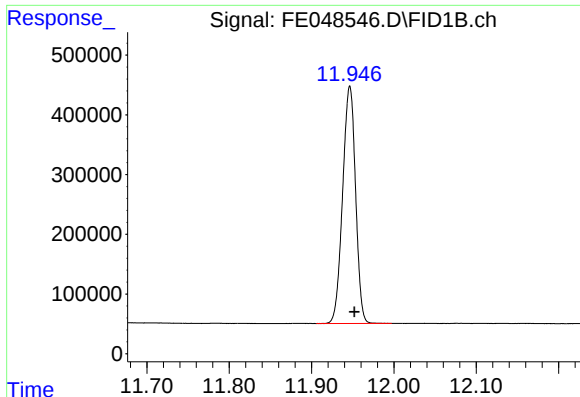
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.005 min
Response: 5979649
Conc: 42.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 6124002
Conc: 44.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.006 min
Response: 4332175
Conc: 30.17 ug/ml

Instrument :

FID_E

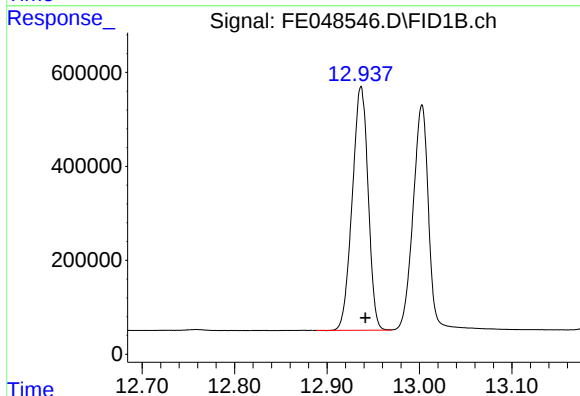
ClientSampleId :

WCS-TPOMSD

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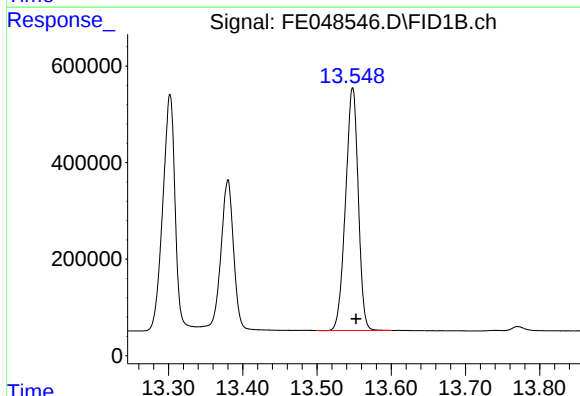
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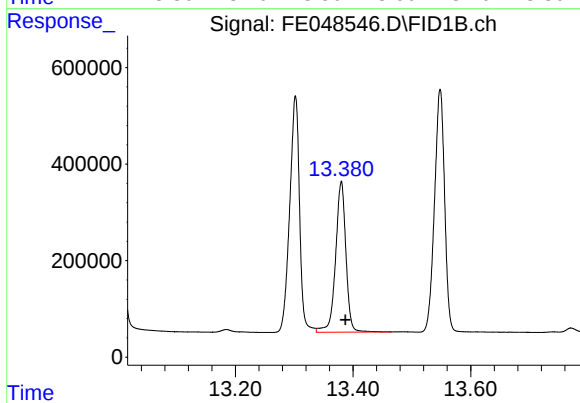
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 6190510
Conc: 46.78 ug/ml



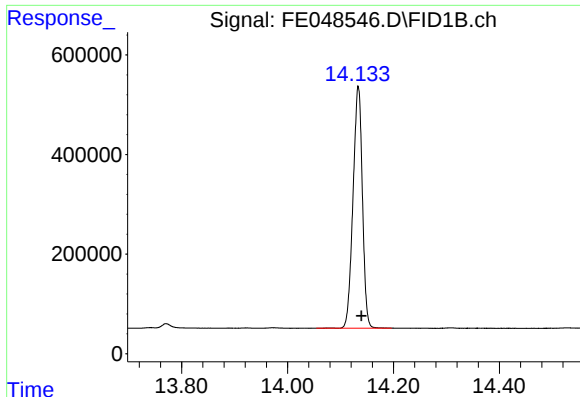
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 5981300
Conc: 46.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.007 min
Response: 3802311
Conc: 34.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.006 min
Response: 5968673
Conc: 46.32 ug/ml

Instrument :

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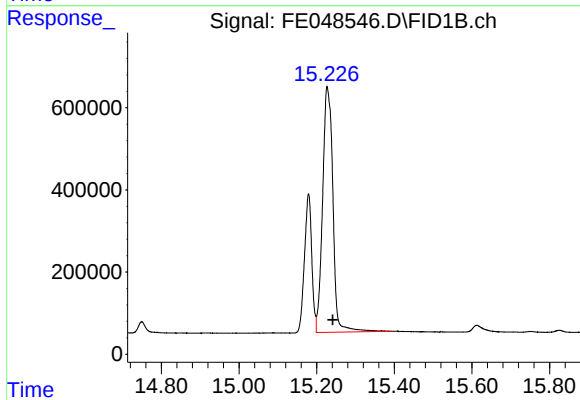
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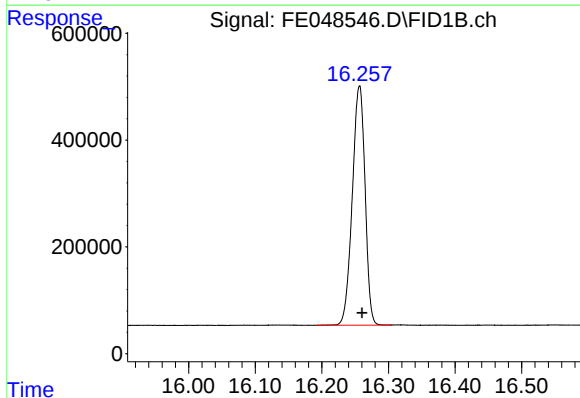
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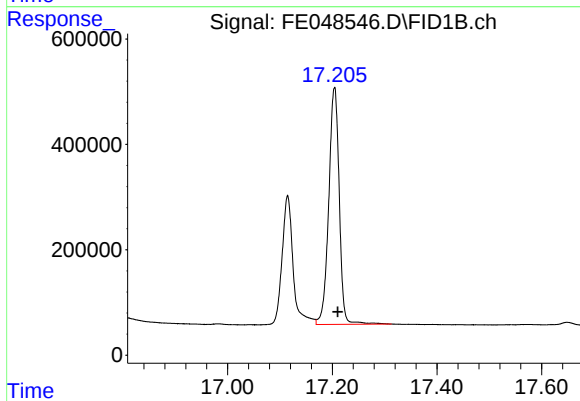
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.015 min
Response: 11010475
Conc: 84.99 ug/ml



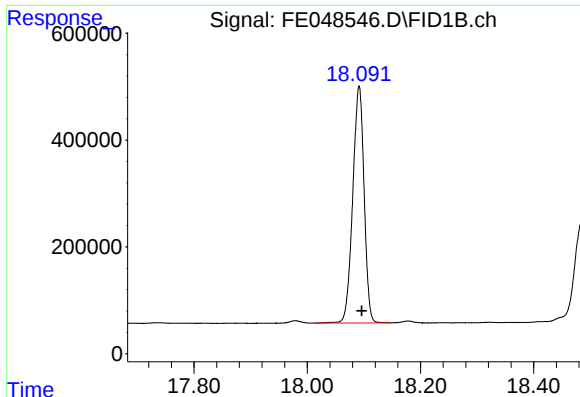
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.004 min
Response: 5968731
Conc: 46.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.006 min
Response: 6270429
Conc: 48.51 ug/ml



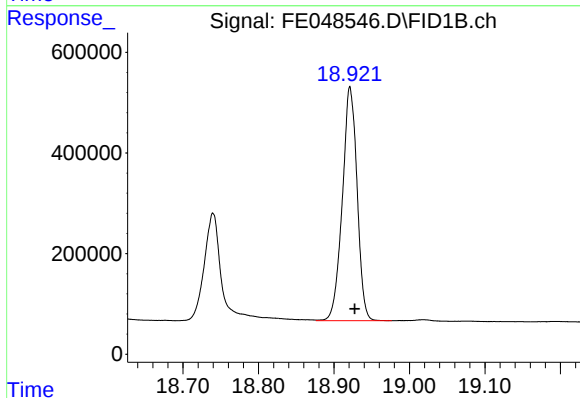
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 6185336
Conc: 46.17 ug/ml

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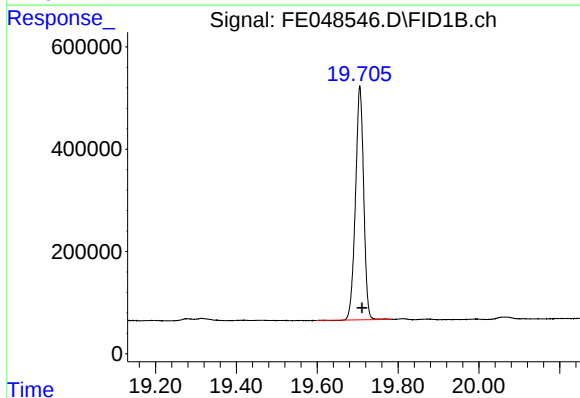
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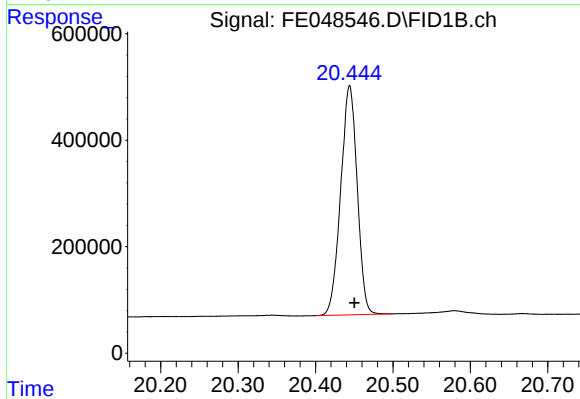
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.006 min
Response: 6323864
Conc: 46.59 ug/ml



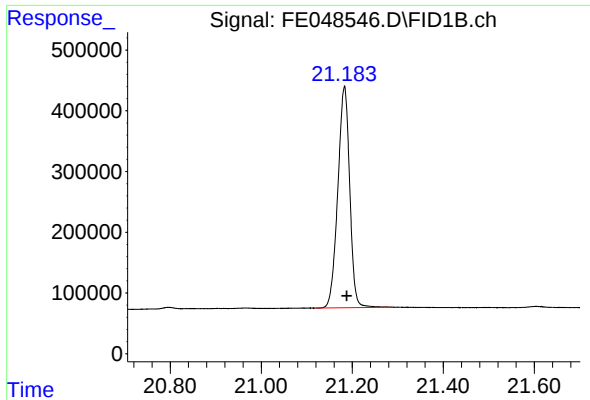
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 6418043
Conc: 46.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.006 min
Response: 6383216
Conc: 46.96 ug/ml



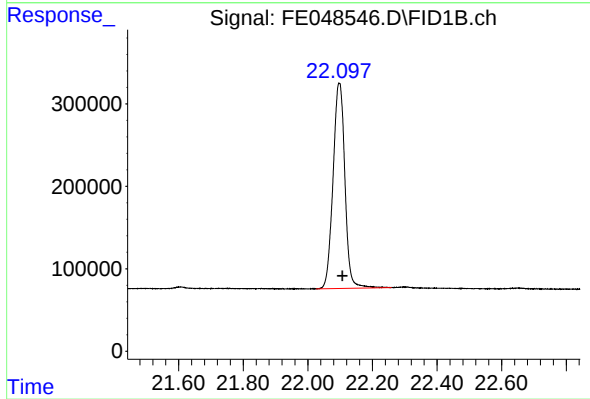
#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.005 min
Response: 6601157
Conc: 48.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.010 min
Response: 6335809
Conc: 46.27 ug/ml m