

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045036.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 09:55
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:00:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.862f	43822	0.219 ug/ml
Spiked Amount 50.000		Recovery =	0.44%
12) S 1-chlorooctadecane (S...	13.412f	254978	1.723 ug/ml
Spiked Amount 50.000		Recovery =	3.45%
Target Compounds			
10) T n-Eicosane (C20)	12.883	126206	0.756 ug/ml
11) T n-Heneicosane (C21)	13.498	319582	1.960 ug/ml
13) T n-Docosane (C22)	14.086	600429	3.754 ug/ml
14) T n-Tetracosane (C24)	15.198	352163	2.269 ug/ml
15) T n-Hexacosane (C26)	16.222	394898	2.630 ug/ml
16) T n-Octacosane (C28)	17.176	370285	2.522 ug/ml
17) T n-Tricontane (C30)	18.066	284204	1.911 ug/ml
18) T n-Dotriacontane (C32)	18.905	624364	4.160 ug/ml
19) T n-Tetratriacontane (C34)	19.687	425939	2.861 ug/ml
20) T n-Hexatriacontane (C36)	20.426	497610	3.237 ug/ml
22) T n-Tetracontane (C40)	22.081	111576	0.668 ug/ml

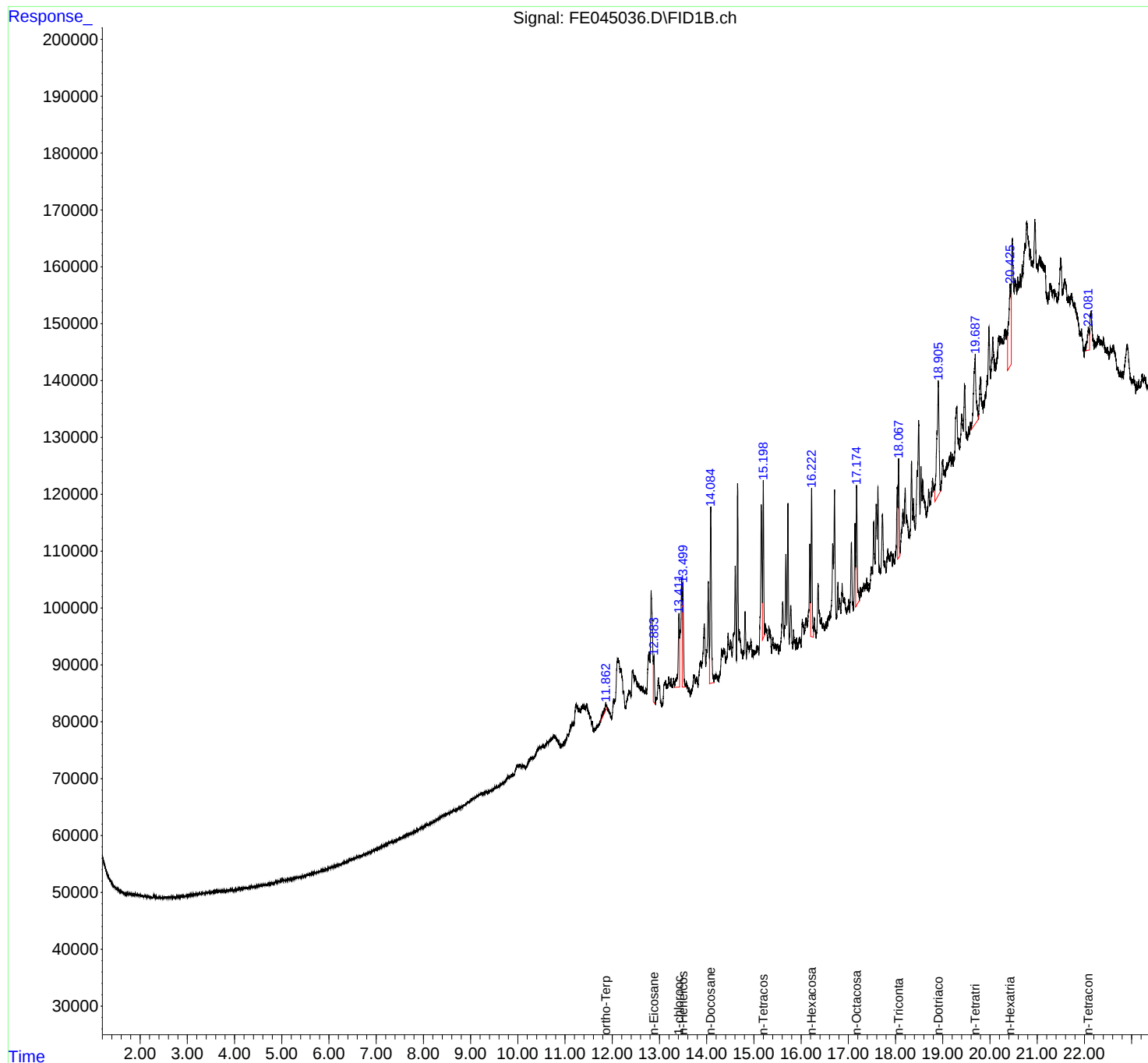
(f)=RT Delta > 1/2 Window

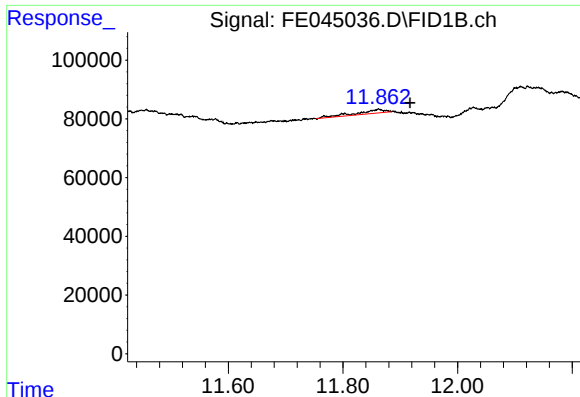
(m)=manual int.

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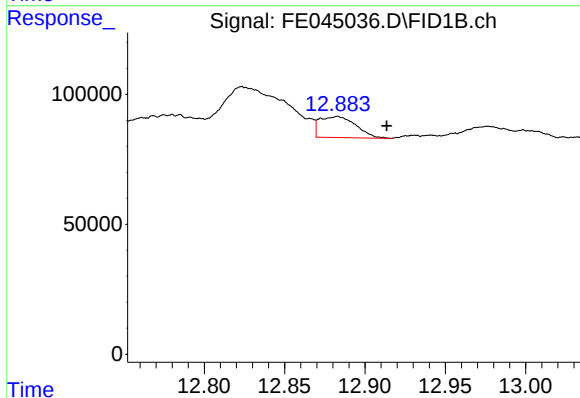
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Signal Info : 20M x 0.18mm x 0.18um





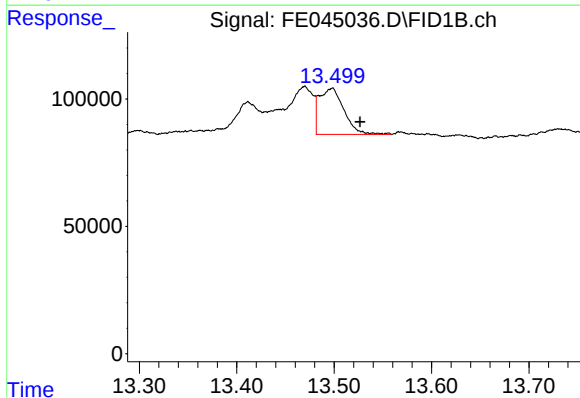
#9 ortho-Terphenyl (SURR)

R.T.: 11.862 min
Delta R.T.: -0.055 min
Response: 43822
Conc: 0.22 ug/ml



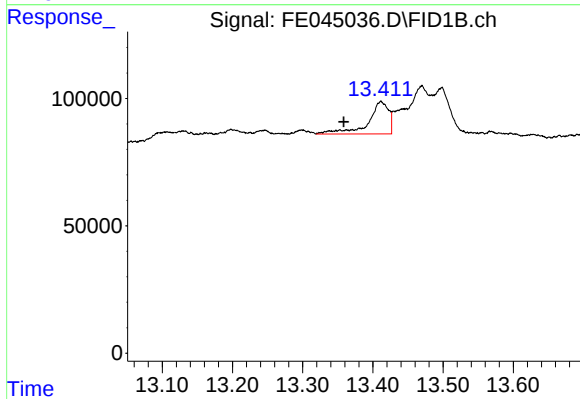
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.031 min
Response: 126206
Conc: 0.76 ug/ml



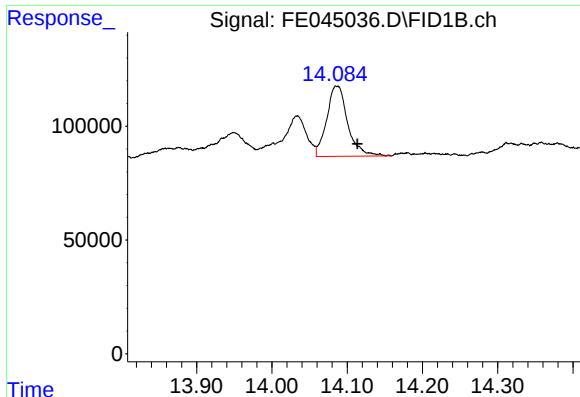
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.028 min
Response: 319582
Conc: 1.96 ug/ml



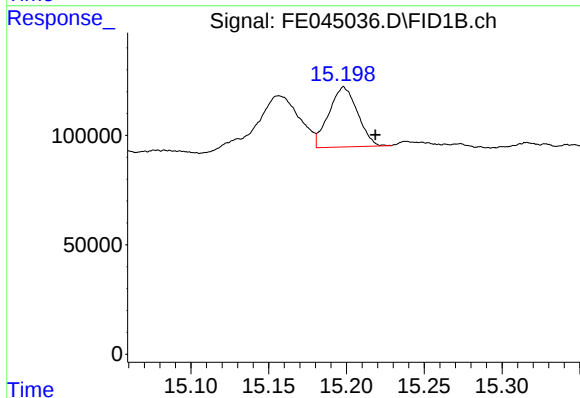
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.053 min
Response: 254978
Conc: 1.72 ug/ml



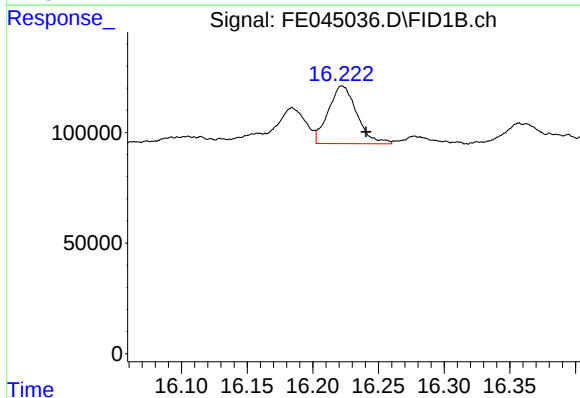
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.028 min
Response: 600429
Conc: 3.75 ug/ml



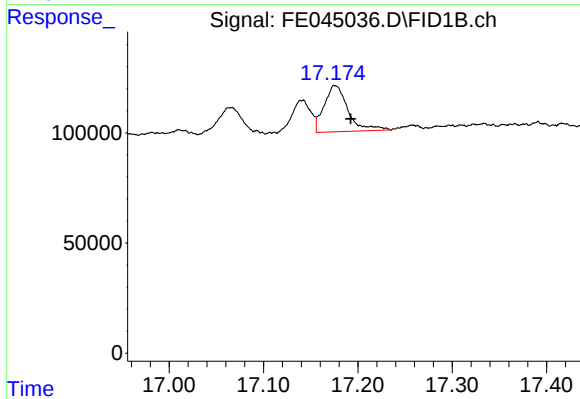
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.020 min
Response: 352163
Conc: 2.27 ug/ml



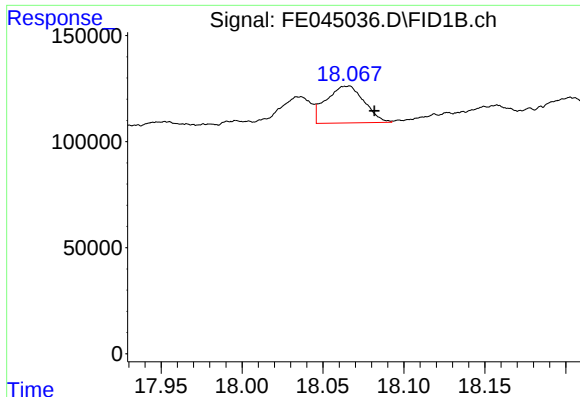
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.018 min
Response: 394898
Conc: 2.63 ug/ml



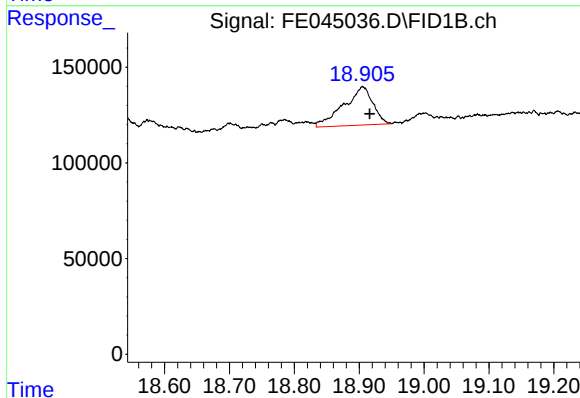
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.017 min
Response: 370285
Conc: 2.52 ug/ml



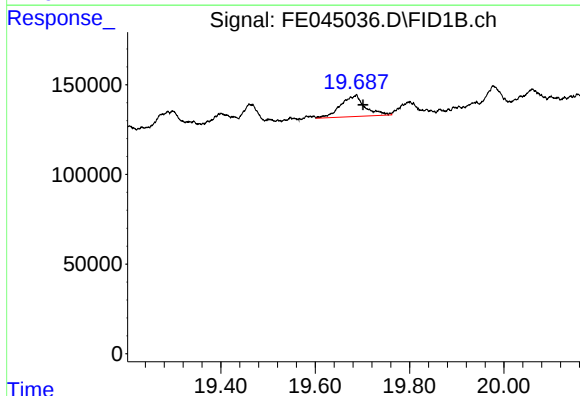
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.016 min
Response: 284204
Conc: 1.91 ug/ml



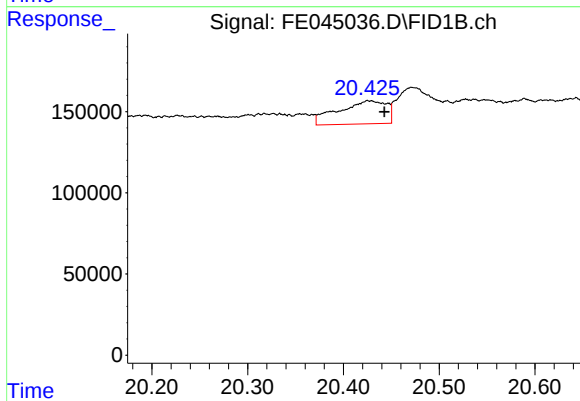
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.011 min
Response: 624364
Conc: 4.16 ug/ml



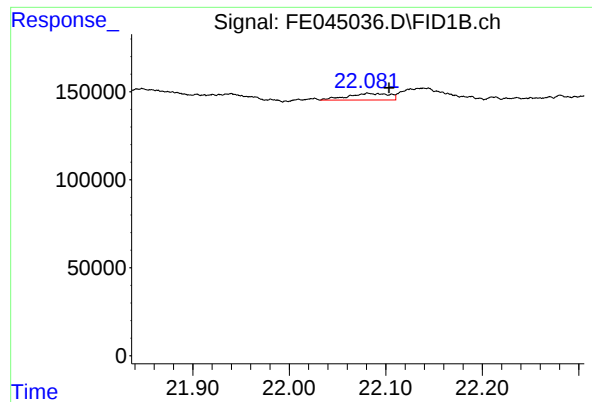
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 425939
Conc: 2.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.017 min
Response: 497610
Conc: 3.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.022 min
Response: 111576
Conc: 0.67 ug/ml